

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF110119\
 Data File : BF117677.D
 Acq On : 1 Nov 2019 13:30
 Operator : JU
 Sample : K5148-17MS
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 OR-03-102919MS

Manual Integrations
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mohammad
 11/4/2019 12:49:57 PM

Quant Time: Nov 01 16:17:07 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF101819.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Oct 18 18:53:31 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.72	152	33370	20.00	ng	-0.01
21) Naphthalene-d8	8.00	136	137571	20.00	ng	-0.01
39) Acenaphthene-d10	9.76	164	68718	20.00	ng	-0.01
64) Phenanthrene-d10	11.25	188	109591	20.00	ng	0.00
76) Chrysene-d12	13.89	240	68308	20.00	ng	0.00
87) Perylene-d12	15.33	264	64490	20.00	ng	0.01

System Monitoring Compounds						
5) 2-Fluorophenol	5.37	112	284767	126.96	ng	0.02
7) Phenol-d6	6.39	99	383733	127.37	ng	0.00
23) Nitrobenzene-d5	7.29	82	245595	88.13	ng	-0.01
42) 2,4,6-Tribromophenol	10.56	330	72765	122.38	ng	0.00
45) 2-Fluorobiphenyl	9.07	172	420119	86.14	ng	-0.02
79) Terphenyl-d14	12.83	244	378574	90.40	ng	0.00

Target Compounds					Qvalue	
2) 1,4-Dioxane	2.56	88	39934	42.345	ng	# 85
3) Pyridine	3.31	79	83173	36.027	ng	96
4) n-Nitrosodimethylamine	3.18	42	42043	50.199	ng	99
6) Aniline	6.40	93	59989	16.961	ng	# 1
8) 2-Chlorophenol	6.52	128	111149	46.960	ng	99
9) Benzaldehyde	6.29	77	41963	25.981	ng	98
10) Phenol	6.40	94	140519	45.699	ng	83
11) bis(2-Chloroethyl)ether	6.46	93	102480	45.059	ng	95
12) 1,3-Dichlorobenzene	6.66	146	114539	43.365	ng	98
13) 1,4-Dichlorobenzene	6.74	146	116150	43.348	ng	98
14) 1,2-Dichlorobenzene	6.89	146	109609	43.397	ng	99
15) Benzyl Alcohol	6.89	79	102954	47.832	ng	98
16) 2,2'-oxybis(1-Chloropropan	7.00	45	110050	44.855	ng	81
17) 2-Methylphenol	7.00	107	90533	46.497	ng	# 90
18) Hexachloroethane	7.23	117	43721	41.804	ng	99
19) n-Nitroso-di-n-propylamine	7.15	70	84505	45.929	ng	97
20) 3+4-Methylphenols	7.17	107	120341	47.140	ng	# 62
22) Acetophenone	7.14	105	163764	44.830	ng	95
24) Nitrobenzene	7.31	77	123660	46.331	ng	99
25) Isophorone	7.55	82	223693	46.403	ng	97
26) 2-Nitrophenol	7.63	139	57313	48.146	ng	98
27) 2,4-Dimethylphenol	7.67	122	96349	54.158	ng	96
28) bis(2-Chloroethoxy)methane	7.76	93	135560	45.572	ng	100
29) 2,4-Dichlorophenol	7.89	162	85699	45.927	ng	98
30) 1,2,4-Trichlorobenzene	7.95	180	87592	43.743	ng	98
31) Naphthalene	8.03	128	325959	47.802	ng	99
32) Benzoic acid	7.86	122	42385	34.784	ng	96
33) 4-Chloroaniline	8.11	127	36041	12.524	ng	96
34) Hexachlorobutadiene	8.14	225	49422	42.641	ng	98
35) Caprolactam	8.47	113	28110m	46.894	ng	
36) 4-Chloro-3-methylphenol	8.59	107	101628	47.755	ng	97
37) 2-Methylnaphthalene	8.72	142	217512	47.339	ng	99
38) 1-Methylnaphthalene	8.82	142	204428	47.348	ng	100
40) 1,2,4,5-Tetrachlorobenzene	8.89	216	82246	44.437	ng	99

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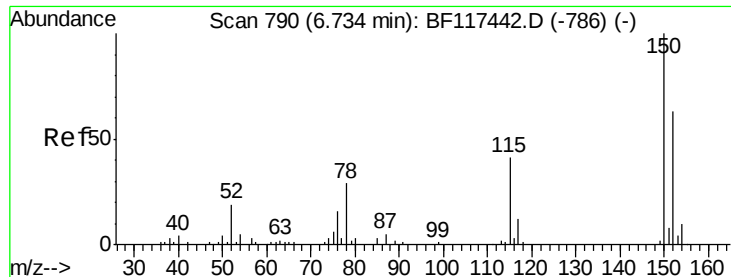
Manual Integrations
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	8.86	237	19784	49.627	nq	100
43) 2,4,6-Trichlorophenol	9.01	196	53075	45.792	nq	99
44) 2,4,5-Trichlorophenol	9.07	196	55063	46.882	nq	94
46) 1,1'-Biphenyl	9.18	154	256651	45.114	nq	98
47) 2-Chloronaphthalene	9.21	162	195840	45.657	nq	97
48) 2-Nitroaniline	9.32	65	63547	45.129	nq	84
49) Acenaphthylene	9.62	152	307142	48.750	nq	100
50) Dimethylphthalate	9.49	163	291770	59.559	nq	98
51) 2,6-Dinitrotoluene	9.56	165	49080	48.011	nq #	92
52) Acenaphthene	9.79	154	181314	46.907	nq	98
53) 3-Nitroaniline	9.74	138	24426	19.693	nq	93
54) 2,4-Dinitrophenol	9.87	184	38669	90.792	nq	98
55) Dibenzofuran	9.96	168	272802	48.712	nq	97
56) 4-Nitrophenol	9.94	139	12950m	25.641	nq	
57) 2,4-Dinitrotoluene	9.97	165	64802	47.679	nq #	89
58) Fluorene	10.31	166	222928	48.136	nq	97
59) 2,3,4,6-Tetrachlorophenol	10.10	232	41473	44.928	nq #	99
60) Diethylphthalate	10.18	149	224964	45.401	nq	100
61) 4-Chlorophenyl-phenylether	10.29	204	95139	45.788	nq	98
62) 4-Nitroaniline	10.35	138	47554	40.676	nq	96
63) Azobenzene	10.46	77	242163	47.741	nq	99
65) 4,6-Dinitro-2-methylphenol	10.39	198	26091	46.826	nq	93
66) n-Nitrosodiphenylamine	10.42	169	185630	46.333	nq	98
67) 4-Bromophenyl-phenylether	10.78	248	51074	43.268	nq	99
68) Hexachlorobenzene	10.86	284	55159	43.633	nq	96
69) Atrazine	10.95	200	53392	52.379	nq	97
70) Pentachlorophenol	11.07	266	23510	62.036	nq	97
71) Phenanthrene	11.27	178	295409	46.422	nq	99
72) Anthracene	11.32	178	307041	47.025	nq	99
73) Carbazole	11.49	167	273410	45.820	nq	100
74) Di-n-butylphthalate	11.80	149	357218	44.804	nq	99
75) Fluoranthene	12.46	202	289251	45.405	nq	98
77) Benzidine	12.59	184	59625	27.696	nq	99
78) Pyrene	12.69	202	286295	48.795	nq	100
80) Butylbenzylphthalate	13.29	149	134690	46.132	nq	98
81) Benzo(a)anthracene	13.88	228	212562	46.132	nq	98
82) 3,3'-Dichlorobenzidine	13.84	252	34367	23.769	nq #	98
83) Chrysene	13.92	228	214628	47.528	nq	98
84) Bis(2-ethylhexyl)phthalate	13.85	149	191926	46.926	nq #	96
85) Di-n-octyl phthalate	14.46	149	300492	47.786	nq	100
86) Indeno(1,2,3-cd)pyrene	16.75	276	195371	57.947	nq	98
88) Benzo(b)fluoranthene	14.92	252	185981	48.837	nq	98
89) Benzo(k)fluoranthene	14.94	252	173120	44.354	nq	99
90) Benzo(a)pyrene	15.27	252	162537	46.943	nq	98
91) Dibenzo(a,h)anthracene	16.74	278	166262	55.533	nq	97
92) Benzo(g,h,i)perylene	17.17	276	167428	59.105	nq	98

(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1

1,4-Dichlorobenzene-d4

Concen: 20.000 ng

RT: 6.72 min Scan# 788

Delta R.T. -0.01 min

Lab File: BF117677.D

Acq: 1 Nov 2019 13:30

Instrument :

BNA_F

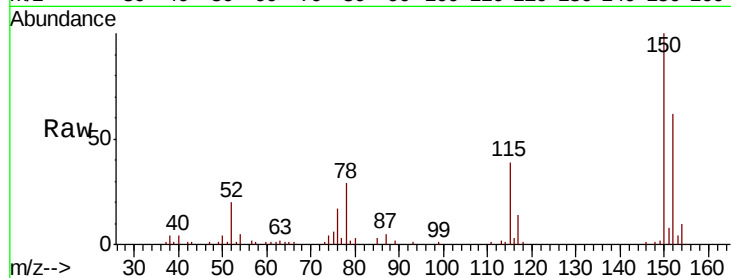
ClientSampleId :

OR-03-102919MS

Tot Ion:	152	Resp:	33370
Ion	Ratio	Lower	Upper
152	100		
150	162.2	126.8	190.2
115	63.9	51.6	77.4

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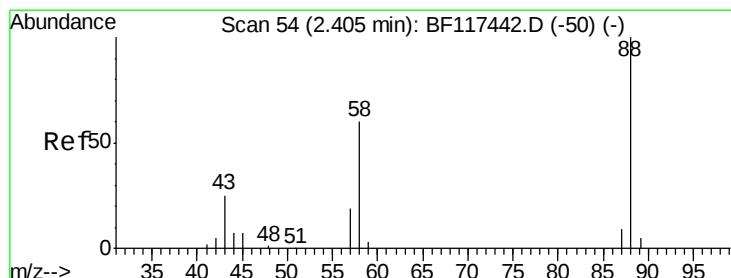
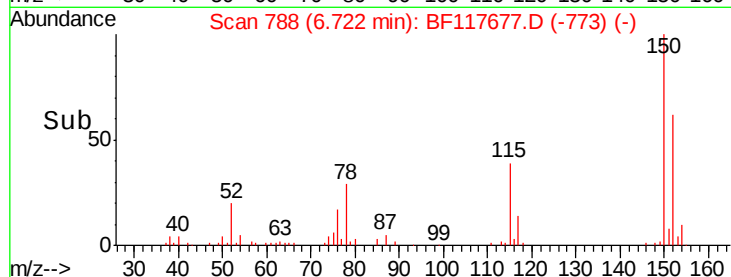
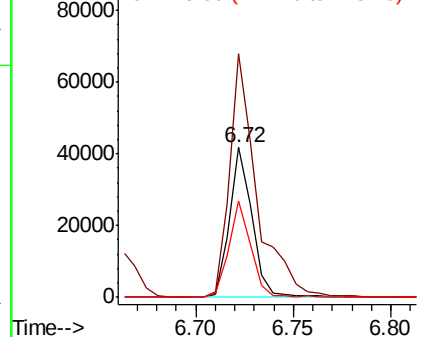


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 115.00 (114.70 to 115.70): E



#2

1,4-Dioxane

Concen: 42.345 ng

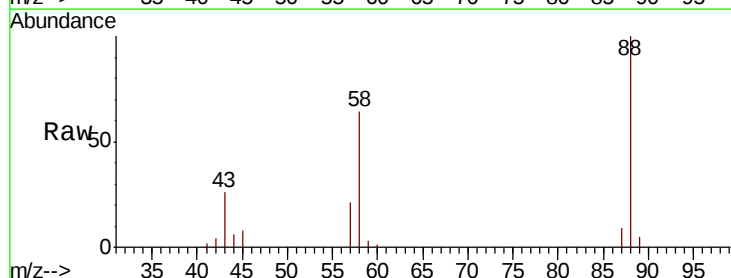
RT: 2.56 min Scan# 80

Delta R.T. 0.15 min

Lab File: BF117677.D

Acq: 1 Nov 2019 13:30

Tgt Ion:	88	Resp:	39934
Ion	Ratio	Lower	Upper
88	100		
58	63.5	48.8	73.2
43	0.0	18.5	27.7#

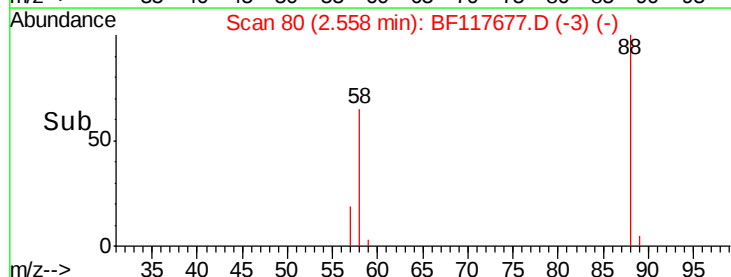
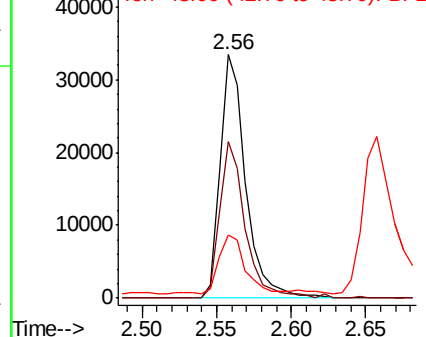


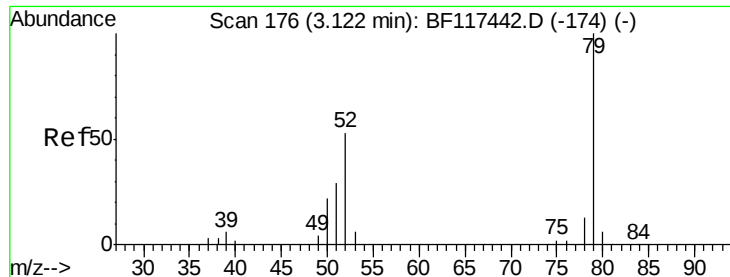
Abundance

Ion 88.00 (87.70 to 88.70): BF1

Ion 58.00 (57.70 to 58.70): BF1

Ion 43.00 (42.70 to 43.70): BF1





#3

Pvridine

Concen: 36.027 ng

RT: 3.31 min Scan# 208

Delta R.T. 0.19 min

Lab File: BF117677.D

Acq: 1 Nov 2019 13:30

Instrument :

BNA_F

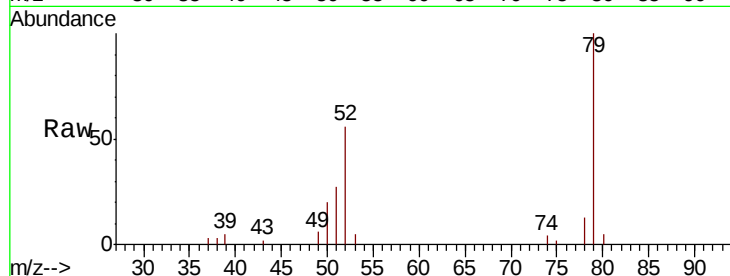
ClientSampleId :

OR-03-102919MS

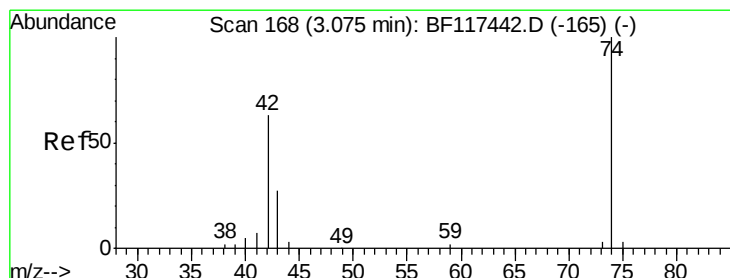
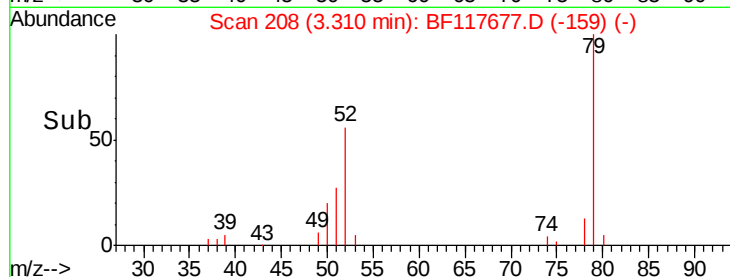
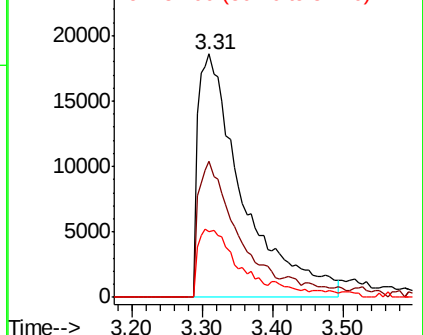
Tot Ion:	79	Resp:	83173
Ion	Ratio	Lower	Upper
79	100		
52	55.7	42.4	63.6
51	27.2	23.3	34.9

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Abundance Ion 79.00 (78.70 to 79.70): BF1
Ion 52.00 (51.70 to 52.70): BF1
Ion 51.00 (50.70 to 51.70): BF1



#4

n-Nitrosodimethylamine

Concen: 50.199 ng

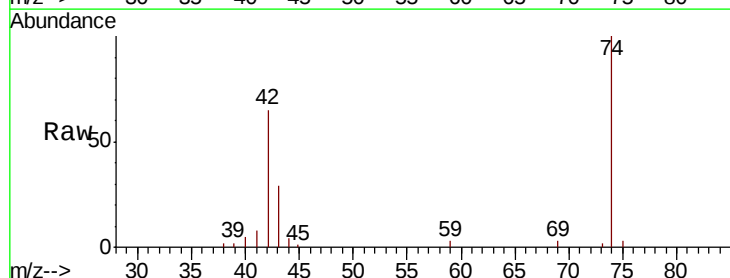
RT: 3.18 min Scan# 186

Delta R.T. 0.11 min

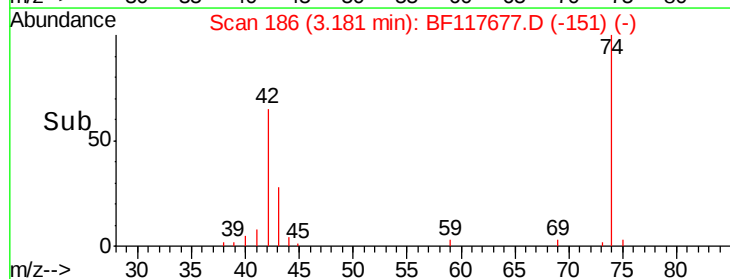
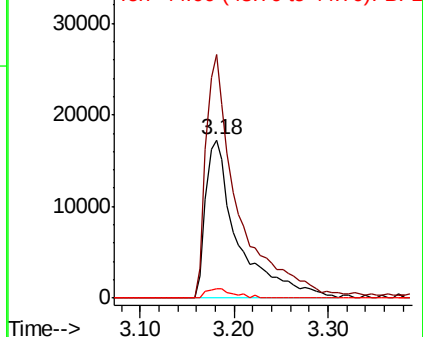
Lab File: BF117677.D

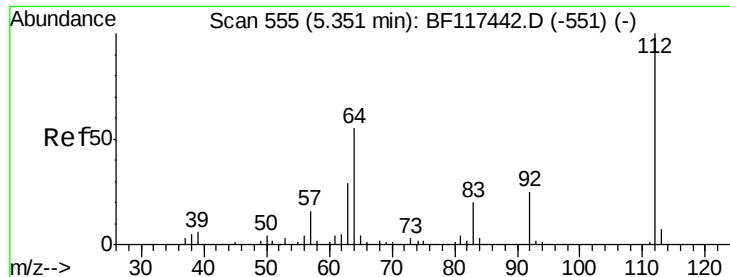
Acq: 1 Nov 2019 13:30

Tgt Ion:	42	Resp:	42043
Ion	Ratio	Lower	Upper
42	100		
74	153.7	124.2	186.4
44	6.0	4.2	6.4



Abundance Ion 42.00 (41.70 to 42.70): BF1
Ion 74.00 (73.70 to 74.70): BF1
Ion 44.00 (43.70 to 44.70): BF1





#5

2-Fluorophenol

Concen: 126.955 ng

RT: 5.37 min Scan# 558

Delta R.T. 0.02 min

Lab File: BF117677.D

Acq: 1 Nov 2019 13:30

Instrument :

BNA_F

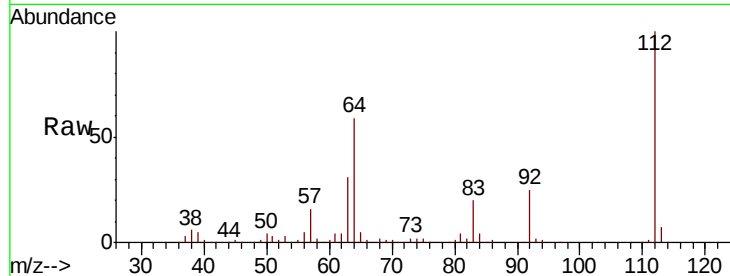
ClientSampleId :

OR-03-102919MS

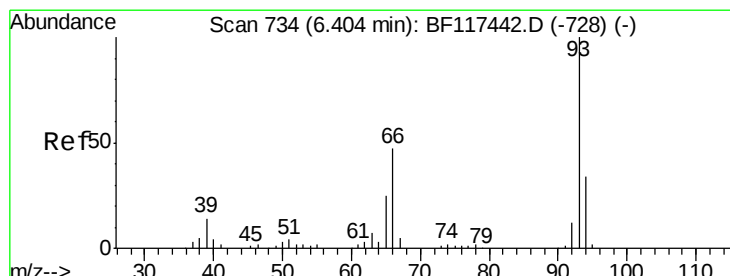
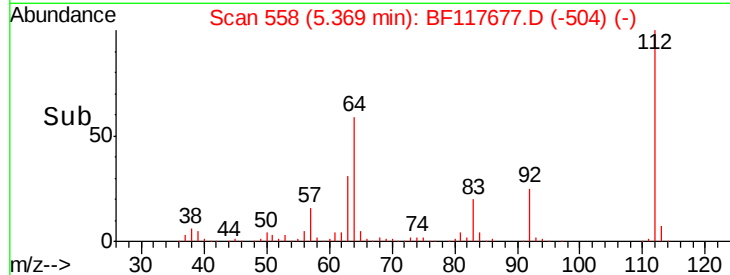
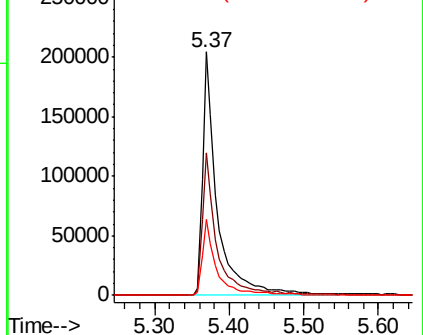
Tot Ion	Ion	Ratio	Resp	Lower	Upper
112	100		284767		
64	58.7	44.1	66.1		
63	31.0	23.4	35.2		

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Abundance Ion 112.00 (111.70 to 112.70): BF1
Ion 64.00 (63.70 to 64.70): BF1
Ion 63.00 (62.70 to 63.70): BF1



#6

Aniline

Concen: 16.961 ng

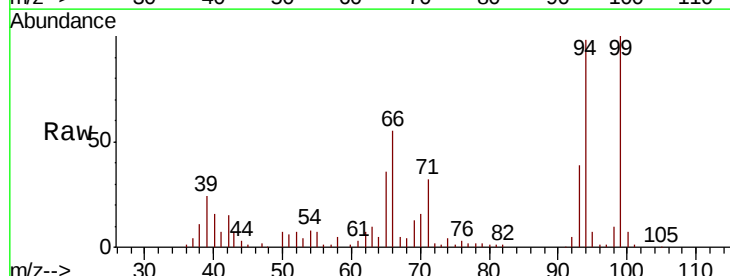
RT: 6.40 min Scan# 733

Delta R.T. -0.01 min

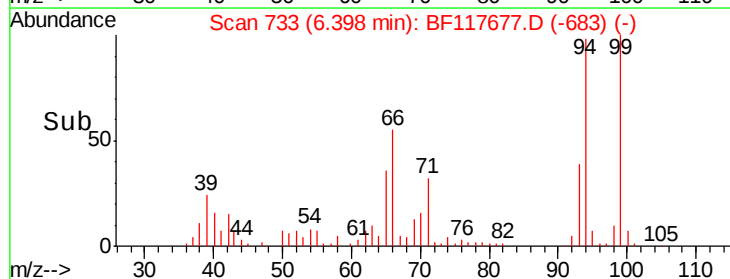
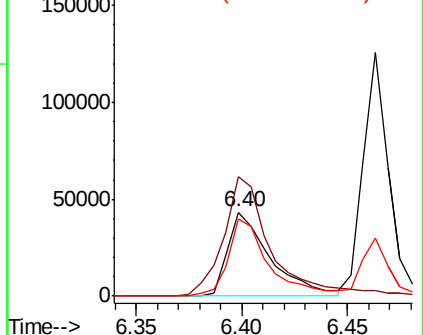
Lab File: BF117677.D

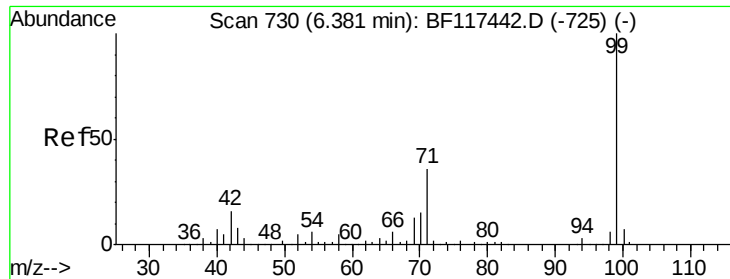
Acq: 1 Nov 2019 13:30

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
93	100		59989		
66	142.7	38.7	58.1#		
65	91.8	20.1	30.1#		



Abundance Ion 93.00 (92.70 to 93.70): BF1
Ion 66.00 (65.70 to 66.70): BF1
Ion 65.00 (64.70 to 65.70): BF1





#7

Phenol-d6

Concen: 127.373 ng

RT: 6.39 min Scan# 731

Delta R.T. 0.01 min

Lab File: BF117677.D

Acq: 1 Nov 2019 13:30

Instrument :

BNA_F

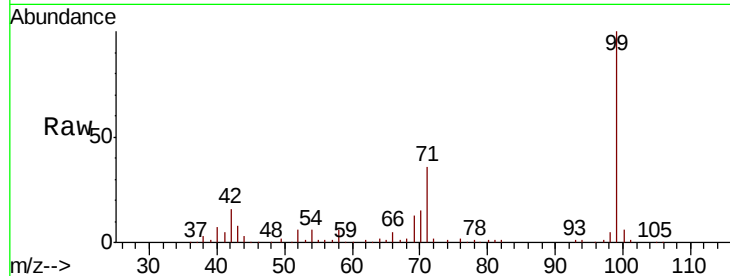
ClientSampleId :

OR-03-102919MS

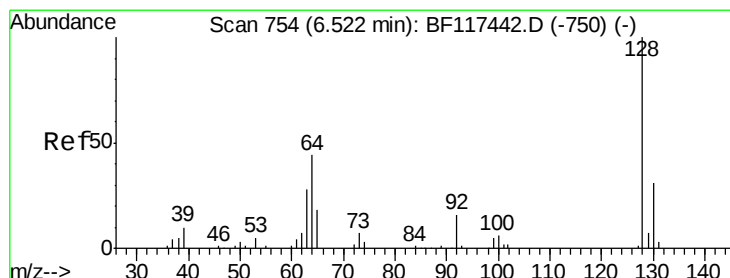
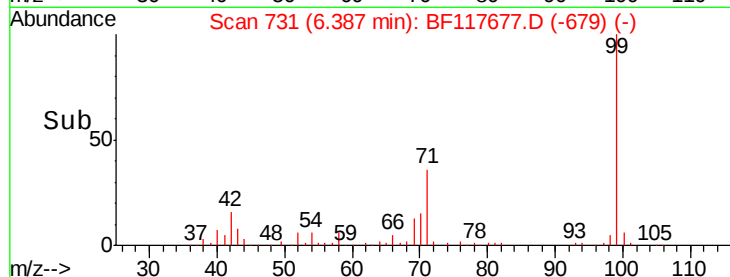
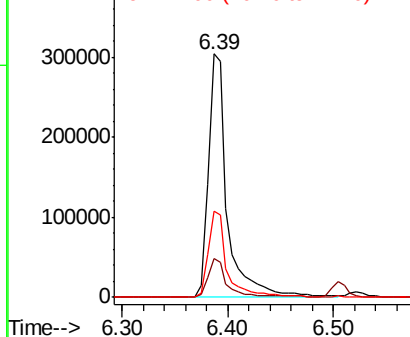
Tot Ion:	99	Resp:	383733
Ion Ratio	Lower	Upper	
99	100		
42	15.9	12.8	19.2
71	35.5	28.6	43.0

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Abundance Ion 99.00 (98.70 to 99.70): BF1
Ion 42.00 (41.70 to 42.70): BF1
Ion 71.00 (70.70 to 71.70): BF1



#8

2-Chlorophenol

Concen: 46.960 ng

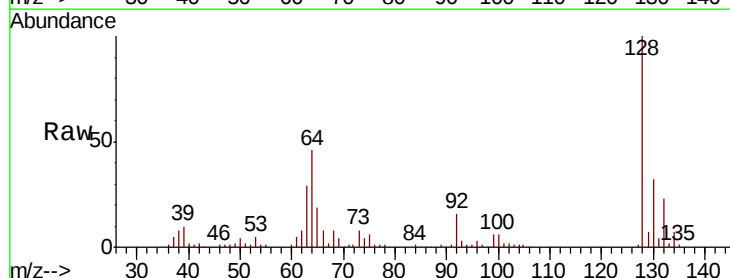
RT: 6.52 min Scan# 754

Delta R.T. 0.00 min

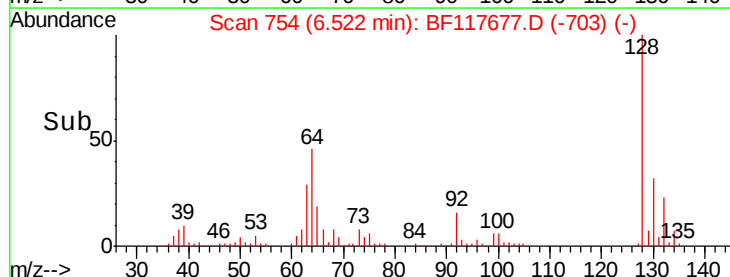
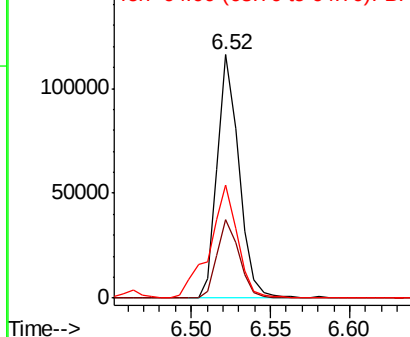
Lab File: BF117677.D

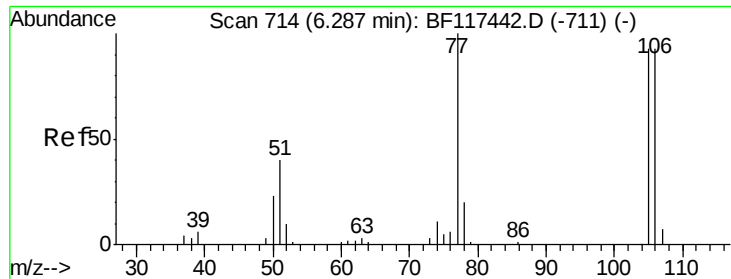
Acq: 1 Nov 2019 13:30

Tgt Ion:	128	Resp:	111149
Ion Ratio	Lower	Upper	
128	100		
130	32.0	11.1	51.1
64	46.3	27.1	67.1



Abundance Ion 128.00 (127.70 to 128.70): E
Ion 130.00 (129.70 to 130.70): E
Ion 64.00 (63.70 to 64.70): BF1





#9

Benzaldehyde

Concen: 25.981 ng

RT: 6.29 min Scan# 714

Delta R.T. 0.00 min

Lab File: BF117677.D

Acq: 1 Nov 2019 13:30

Instrument :

BNA_F

ClientSampleId :

OR-03-102919MS

Tot Ion: 77 Resp: 41963

Ion Ratio Lower Upper

77 100

105 96.8 73.4 113.4

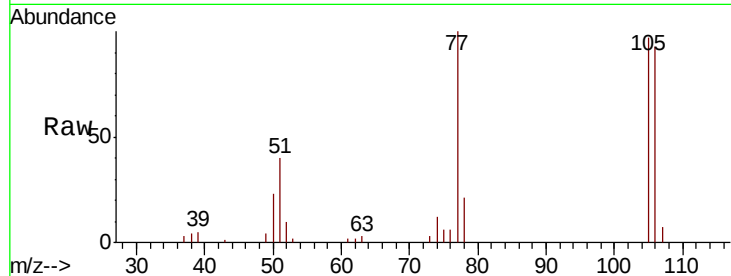
106 92.7 73.0 113.0

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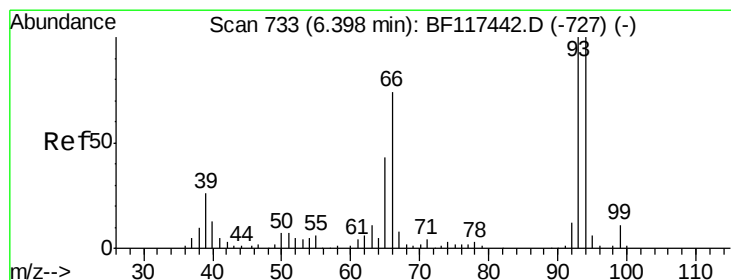
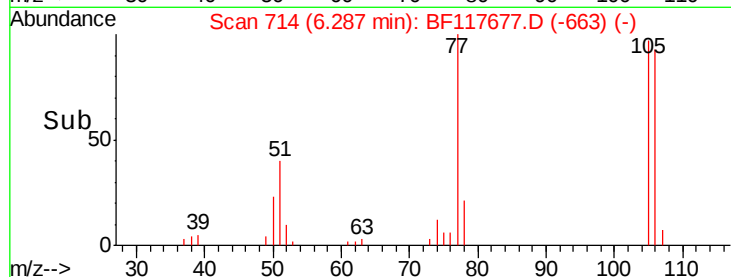
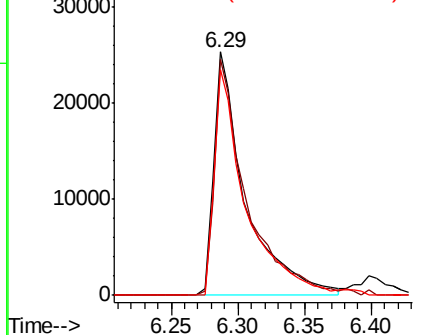
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Abundance Ion 77.00 (76.70 to 77.70): BF1

Ion 105.00 (104.70 to 105.70): BF1

Ion 106.00 (105.70 to 106.70): BF1



#10

Phenol

Concen: 45.699 ng

RT: 6.40 min Scan# 733

Delta R.T. 0.00 min

Lab File: BF117677.D

Acq: 1 Nov 2019 13:30

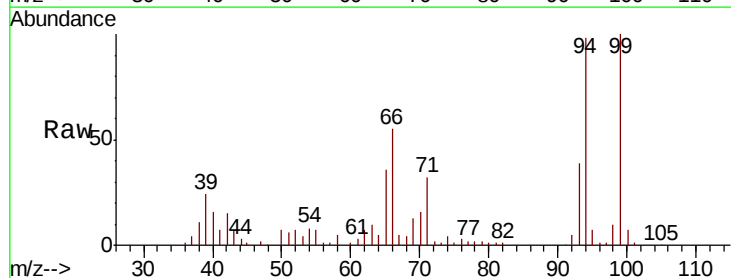
Tgt Ion: 94 Resp: 140519

Ion Ratio Lower Upper

94 100

65 36.4 23.4 63.4

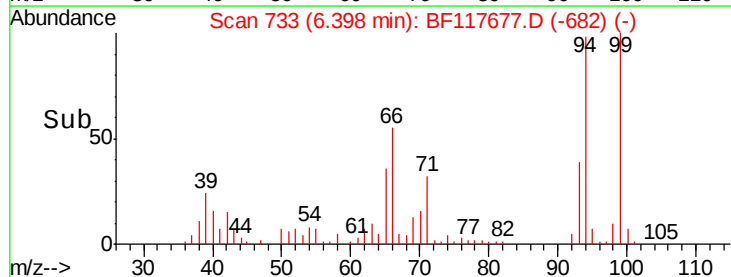
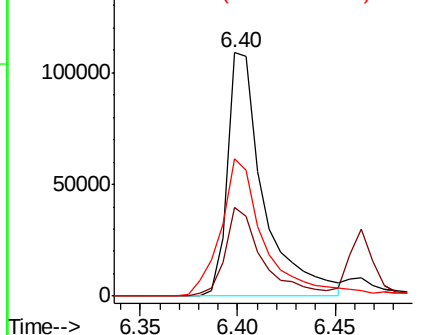
66 56.6 54.7 94.7

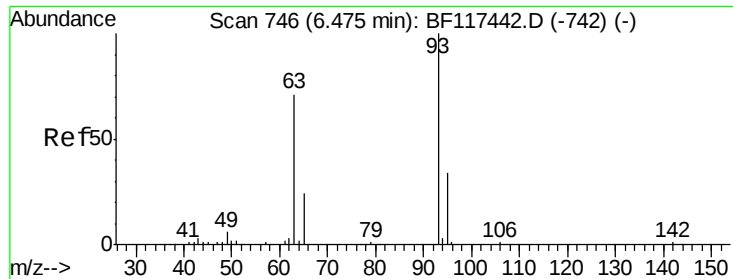


Abundance Ion 94.00 (93.70 to 94.70): BF1

Ion 65.00 (64.70 to 65.70): BF1

Ion 66.00 (65.70 to 66.70): BF1





#11

bis(2-Chloroethyl)ether

Concen: 45.059 ng

RT: 6.46 min Scan# 744

Delta R.T. -0.01 min

Lab File: BF117677.D

Acq: 1 Nov 2019 13:30

Instrument :

BNA_F

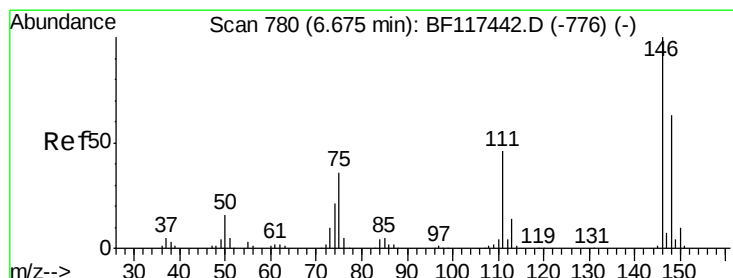
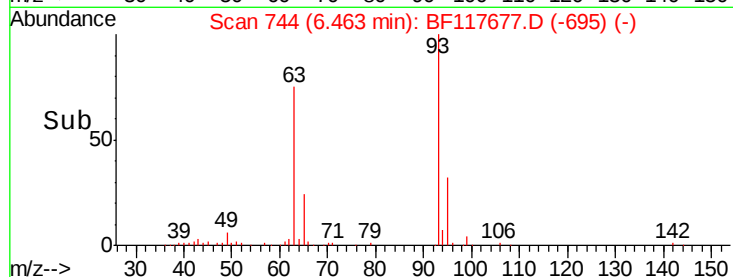
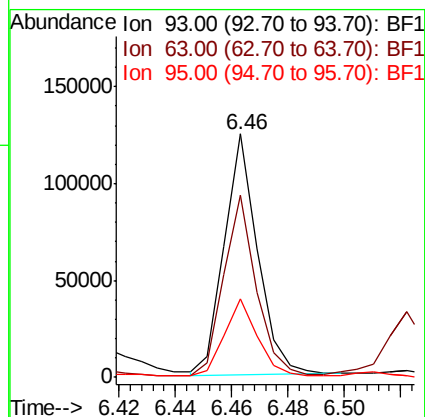
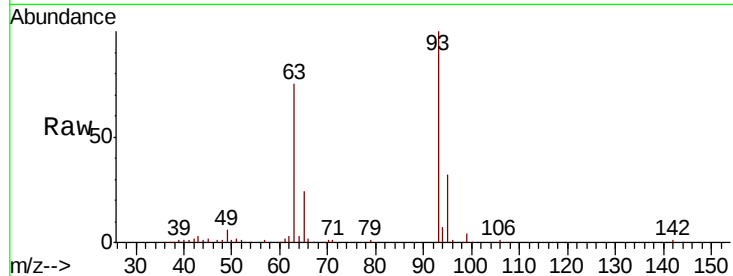
ClientSampleId :

OR-03-102919MS

Tot Ion:	93	Resp:	102480
Ion Ratio	Lower	Upper	
93	100		
63	74.7	50.2	90.2
95	32.2	13.9	53.9

Manual Integrations
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#12

1,3-Dichlorobenzene

Concen: 43.365 ng

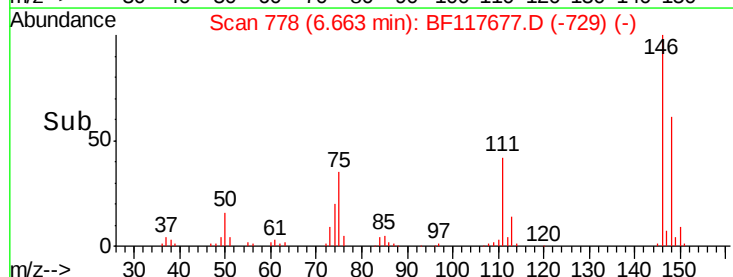
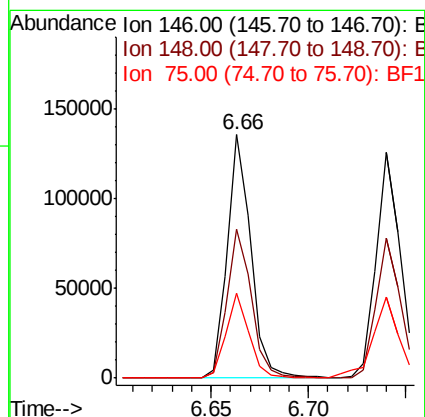
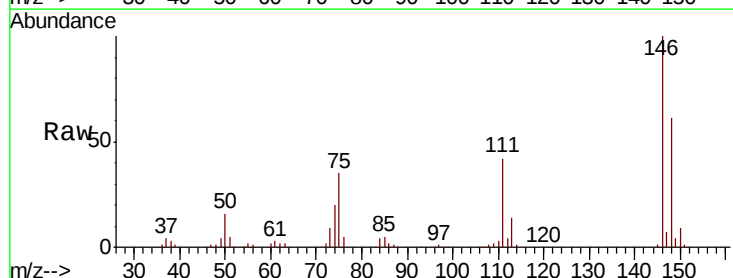
RT: 6.66 min Scan# 778

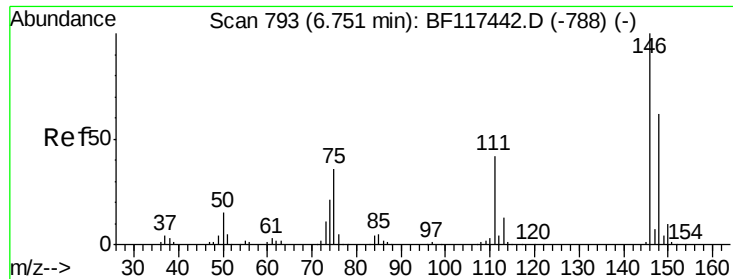
Delta R.T. -0.01 min

Lab File: BF117677.D

Acq: 1 Nov 2019 13:30

Tgt Ion:	146	Resp:	114539
Ion Ratio	Lower	Upper	
146	100		
148	61.4	50.6	75.8
75	34.8	28.6	43.0





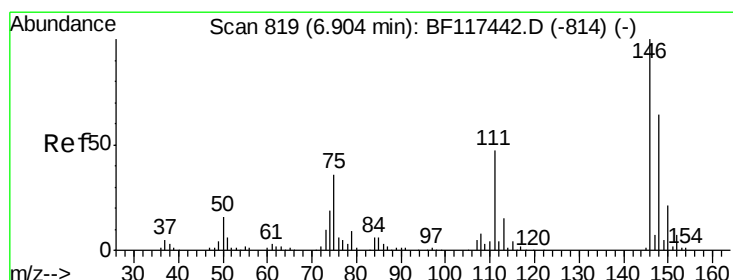
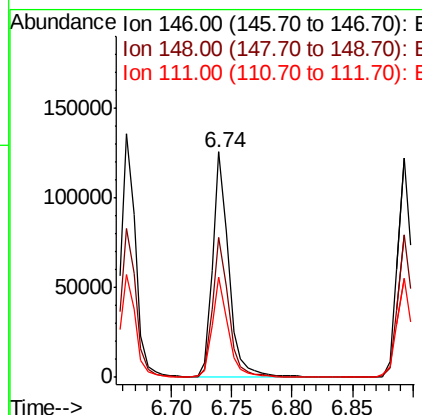
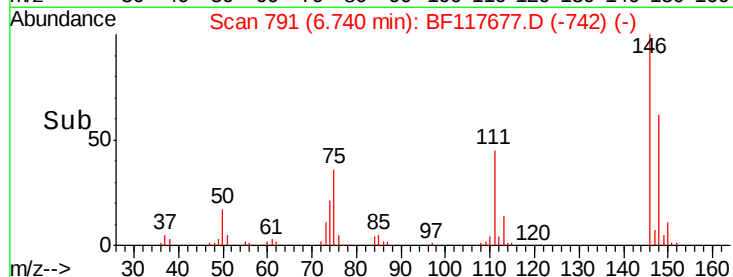
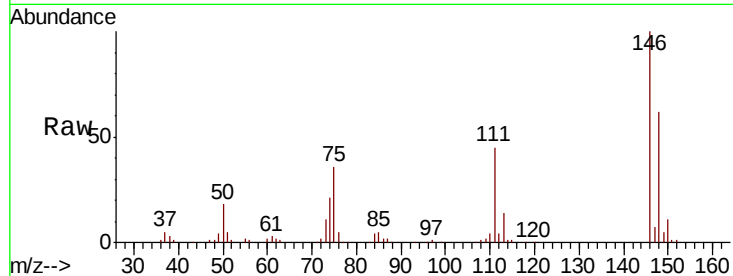
#13
1,4-Dichlorobenzene
Concen: 43.348 ng
RT: 6.74 min Scan# 791
Delta R.T. -0.01 min
Lab File: BF117677.D
Acq: 1 Nov 2019 13:30

Instrument :
BNA_F
ClientSampleId :
OR-03-102919MS

Tot Ion	Ratio	Lower	Upper
146	100		
148	62.2	49.3	73.9
111	44.6	33.6	50.4

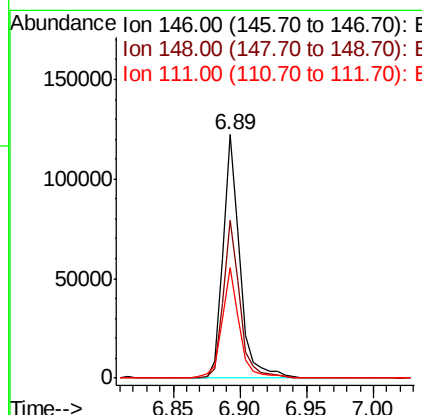
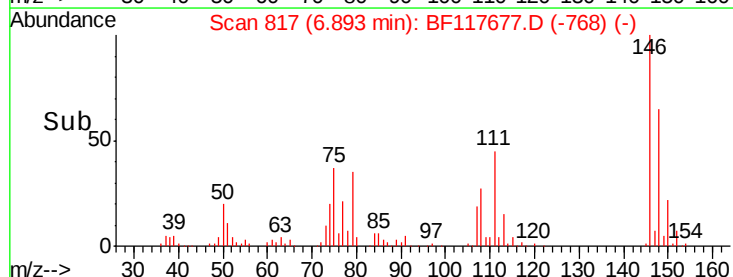
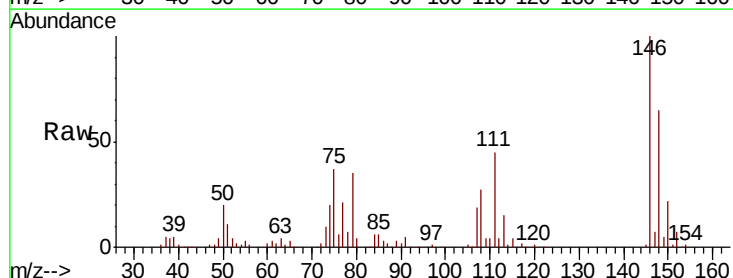
Manual Integrations
APPROVED

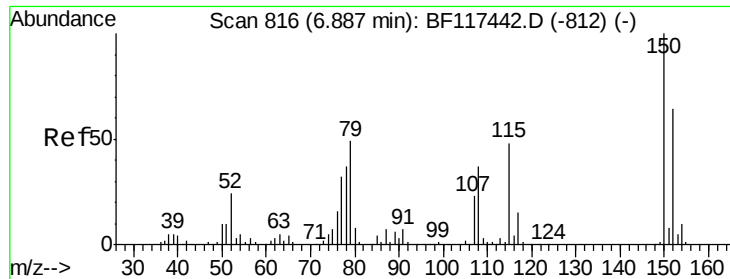
mohammad
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#14
1,2-Dichlorobenzene
Concen: 43.397 ng
RT: 6.89 min Scan# 817
Delta R.T. -0.01 min
Lab File: BF117677.D
Acq: 1 Nov 2019 13:30

Tgt Ion	Ratio	Lower	Upper
146	100		
148	64.8	51.4	77.0
111	45.5	37.7	56.5





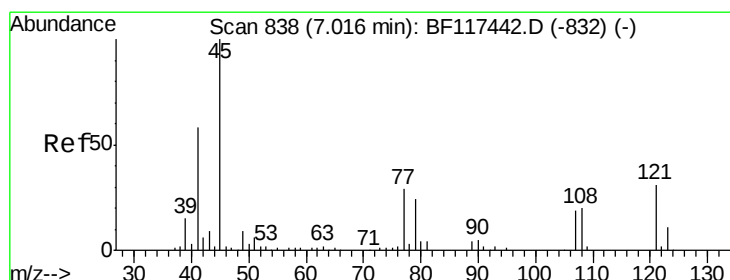
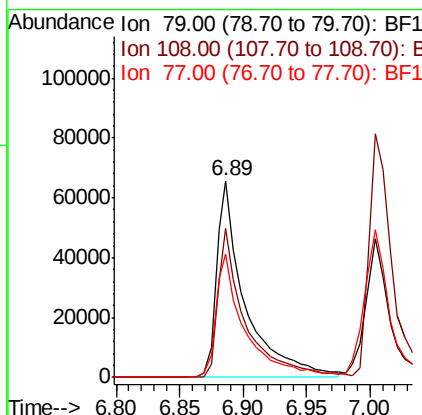
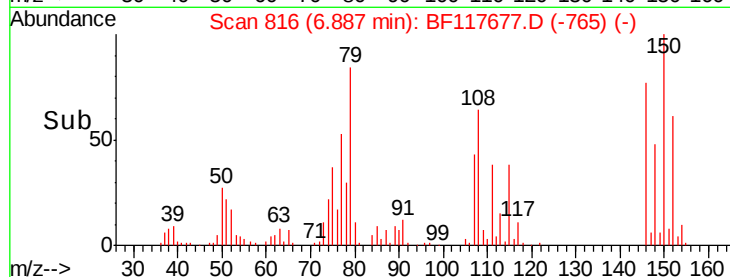
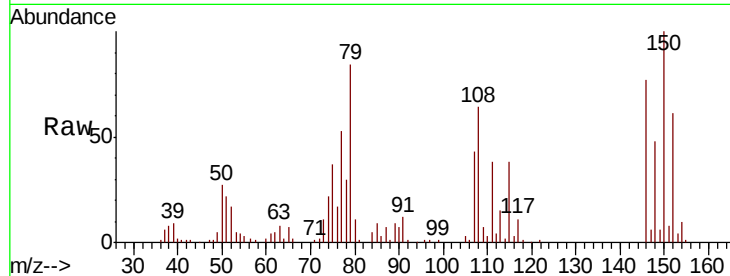
#15
Benzyl Alcohol
Concen: 47.832 ng
RT: 6.89 min Scan# 816
Delta R.T. 0.00 min
Lab File: BF117677.D
Acq: 1 Nov 2019 13:30

Instrument :
BNA_F
ClientSampleID :
OR-03-102919MS

Tot Ion	Ratio	Lower	Upper
79	100		
108	76.1	59.8	89.8
77	62.6	51.4	77.0

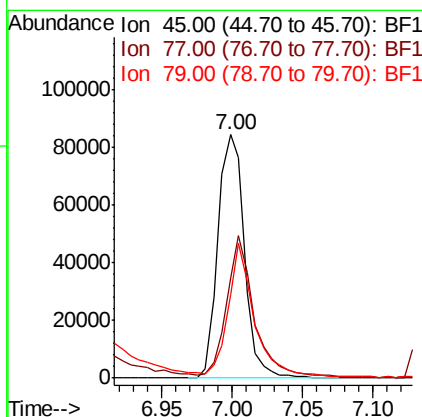
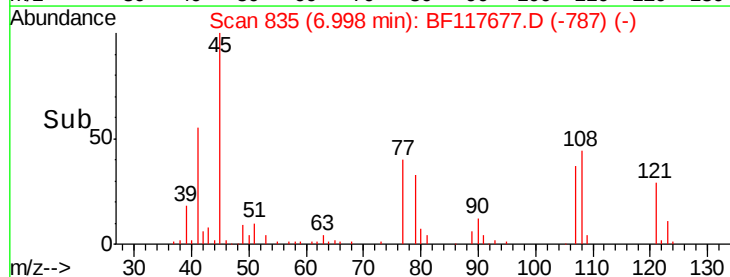
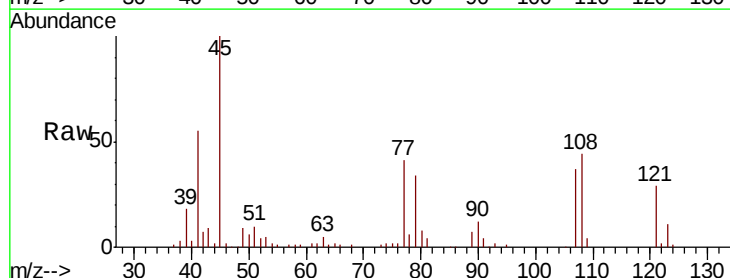
Manual Integrations
APPROVED

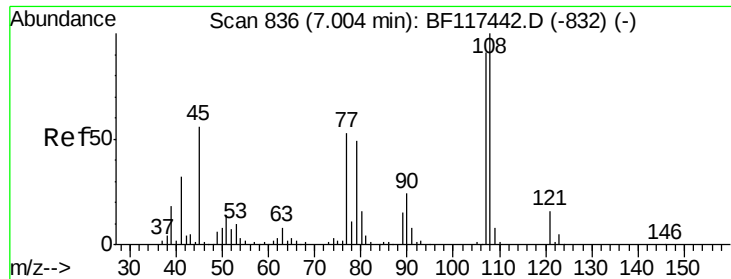
mohammad
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#16
2,2'-oxybis(1-chloropropane)
Concen: 44.855 ng
RT: 7.00 min Scan# 835
Delta R.T. -0.02 min
Lab File: BF117677.D
Acq: 1 Nov 2019 13:30

Tgt Ion	Ratio	Lower	Upper
45	100		
77	41.0	9.9	49.9
79	34.2	5.5	45.5





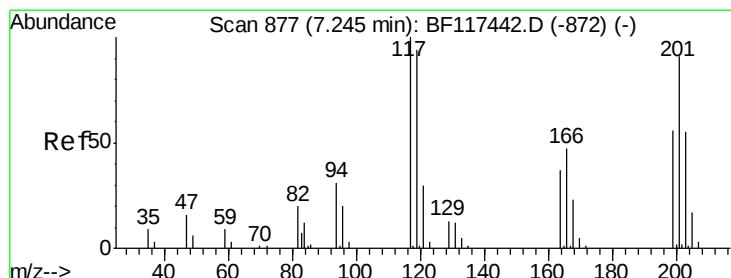
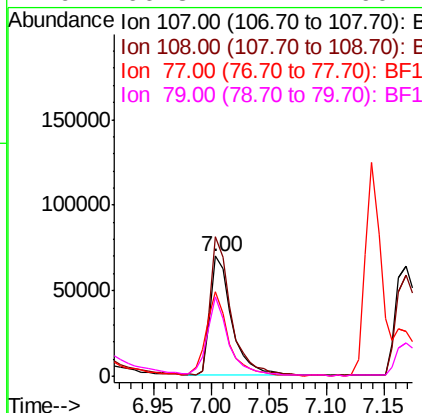
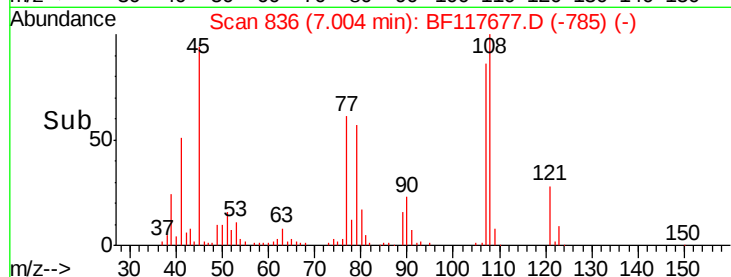
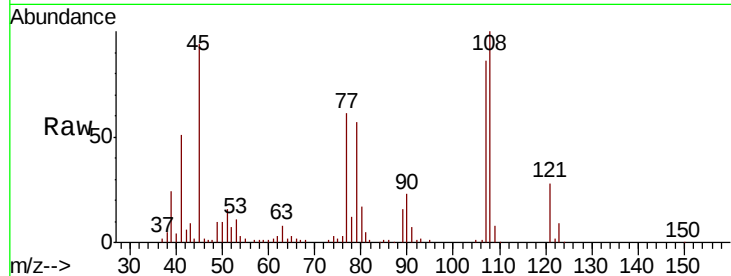
#17
2-Methylphenol
Concen: 46.497 ng
RT: 7.00 min Scan# 836
Delta R.T. 0.00 min
Lab File: BF117677.D
Acq: 1 Nov 2019 13:30

Instrument :
BNA_F
ClientSampleId :
OR-03-102919MS

Tot Ion	Ratio	Lower	Upper
107	100		
108	115.9	88.0	132.0
77	70.3	47.2	70.8
79	66.3	44.1	66.1#

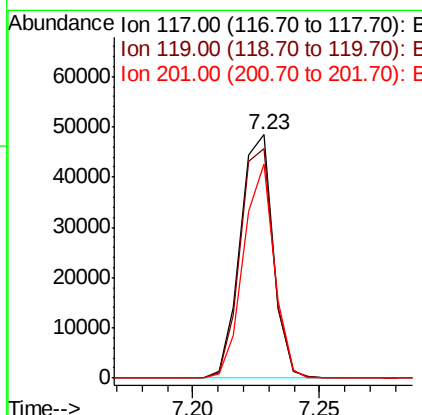
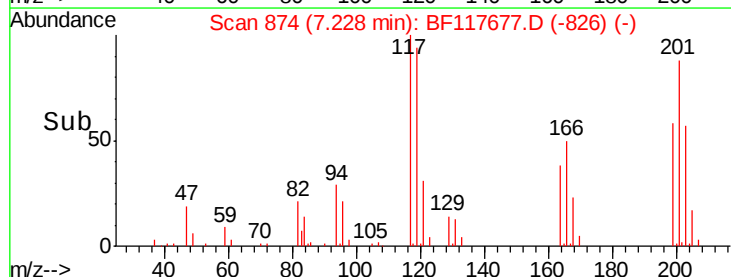
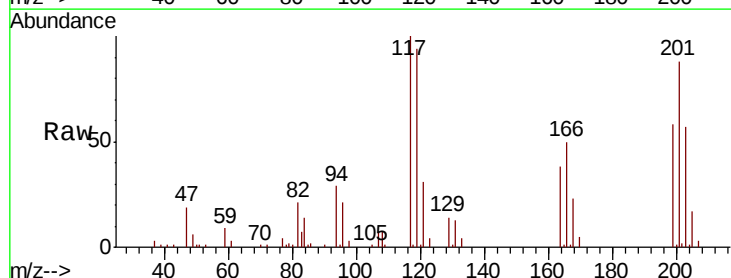
Manual Integrations
APPROVED

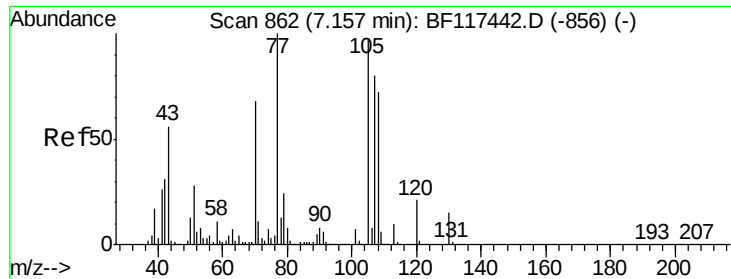
mohammad
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#18
Hexachloroethane
Concen: 41.804 ng
RT: 7.23 min Scan# 874
Delta R.T. -0.02 min
Lab File: BF117677.D
Acq: 1 Nov 2019 13:30

Tgt Ion	Ratio	Lower	Upper
117	100		
119	94.2	75.4	113.0
201	87.8	72.5	108.7





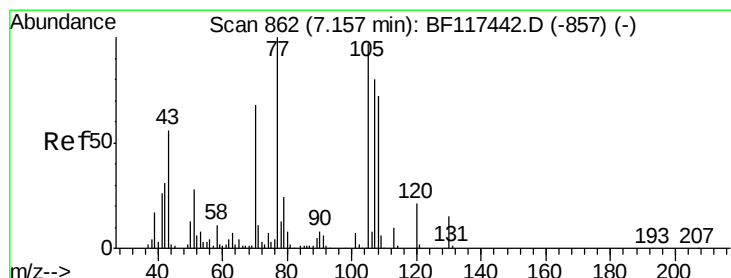
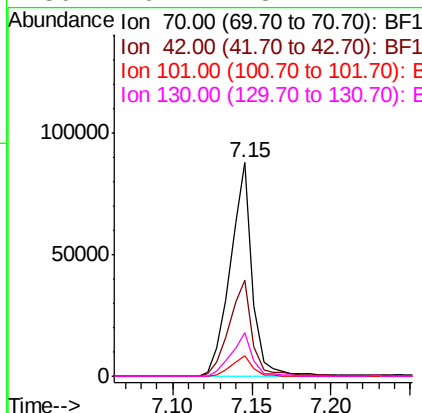
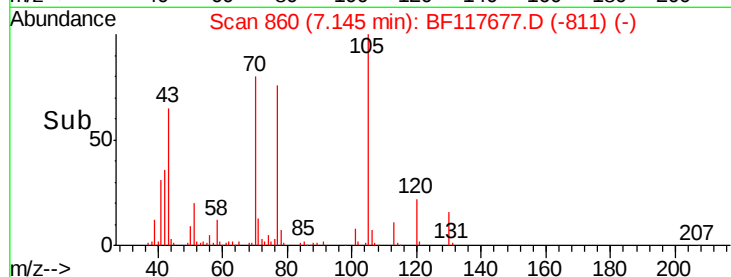
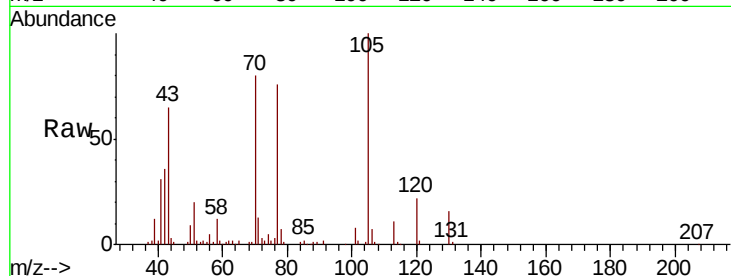
#19
n-Nitroso-di-n-propylamine
Concen: 45.929 ng
RT: 7.15 min Scan# 860
Delta R.T. -0.01 min
Lab File: BF117677.D
Acq: 1 Nov 2019 13:30

Instrument :
BNA_F
ClientSampleId :
OR-03-102919MS

Tot Ion	Ratio	Lower	Upper
70	100		
42	44.8	36.7	55.1
101	9.9	8.3	12.5
130	20.2	18.1	27.1

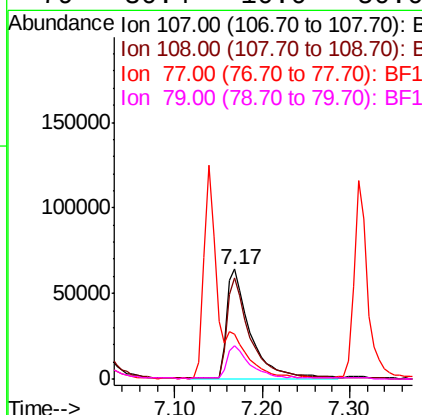
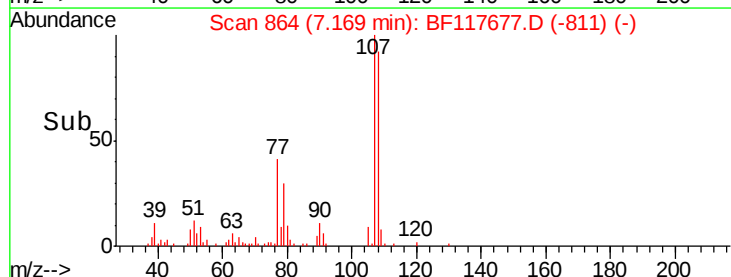
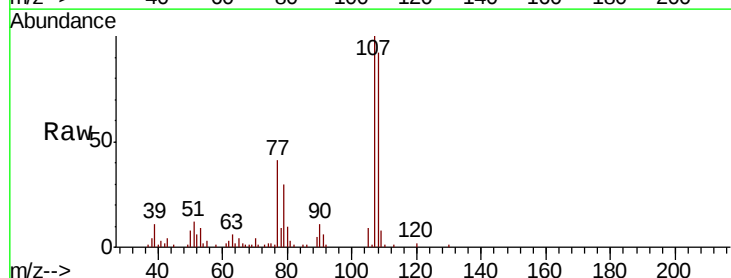
Manual Integrations
APPROVED

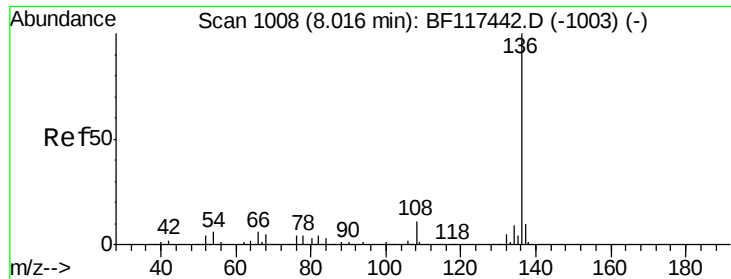
mohammad
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#20
3+4-Methylphenols
Concen: 47.140 ng
RT: 7.17 min Scan# 864
Delta R.T. 0.01 min
Lab File: BF117677.D
Acq: 1 Nov 2019 13:30

Tgt Ion	Ratio	Lower	Upper
107	100		
108	92.4	70.3	110.3
77	41.2	104.8	144.8#
79	30.4	10.0	50.0





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.00 min Scan# 1006

Delta R.T. -0.01 min

Lab File: BF117677.D

Acq: 1 Nov 2019 13:30

Instrument :

BNA_F

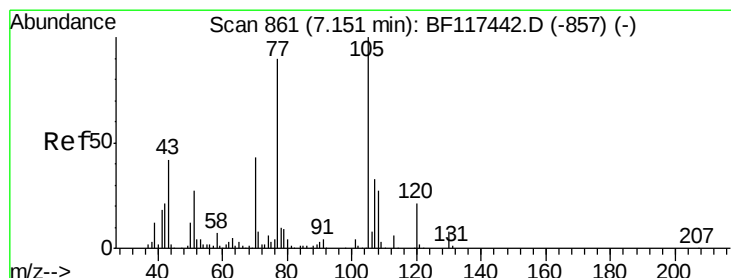
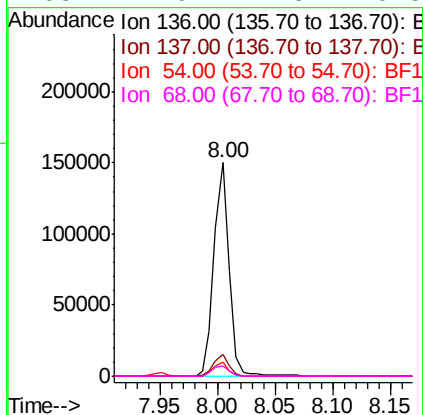
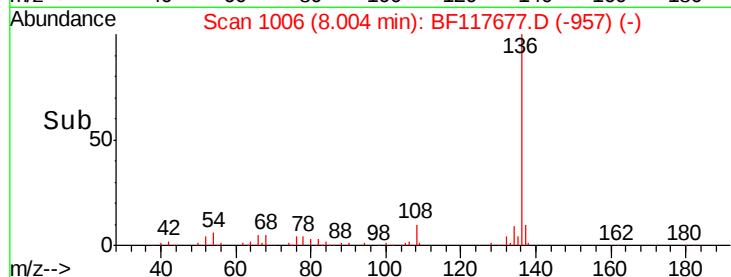
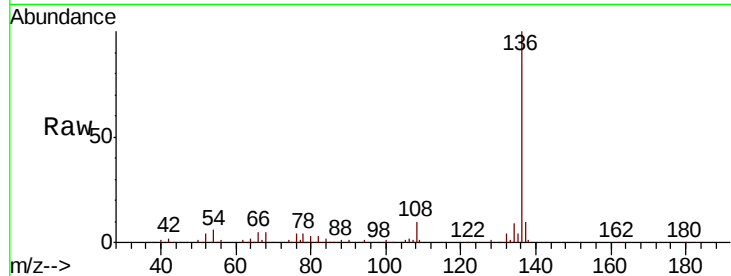
ClientSampleId :

OR-03-102919MS

Tot Ion	Ion	Ratio	Resp	Lower	Upper
136	100		137571		
137	10.2	8.2	12.4		
54	6.4	4.5	6.7		
68	4.9	4.3	6.5		

Manual Integrations
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#22

Acetophenone

Concen: 44.830 ng

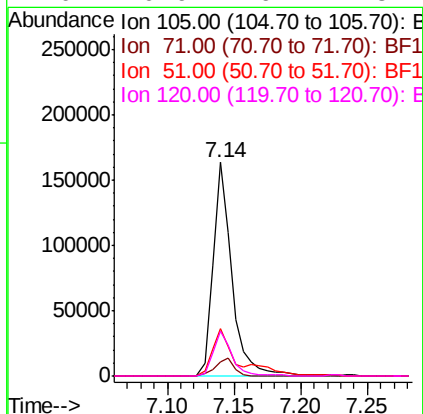
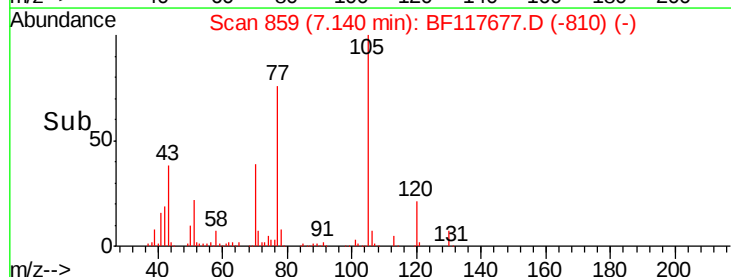
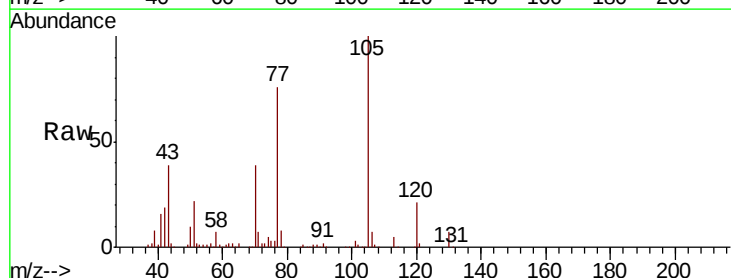
RT: 7.14 min Scan# 859

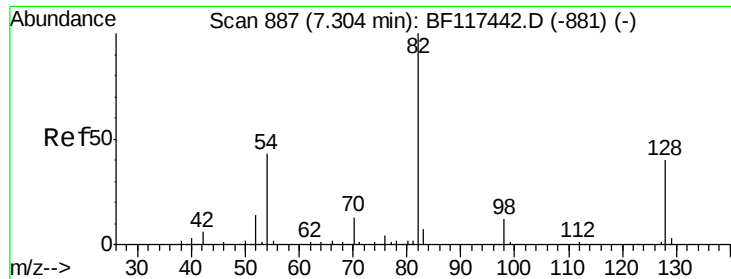
Delta R.T. -0.01 min

Lab File: BF117677.D

Acq: 1 Nov 2019 13:30

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
105	100		163764		
71	6.8	6.2	9.2		
51	21.9	21.8	32.6		
120	20.9	16.7	25.1		





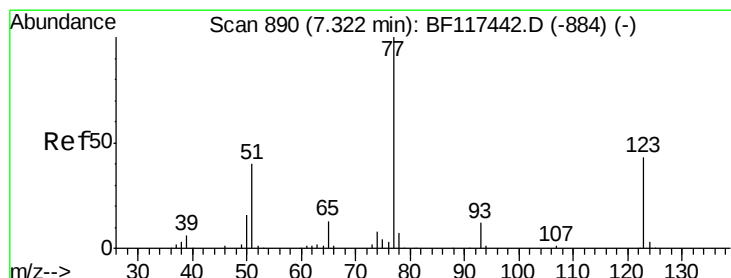
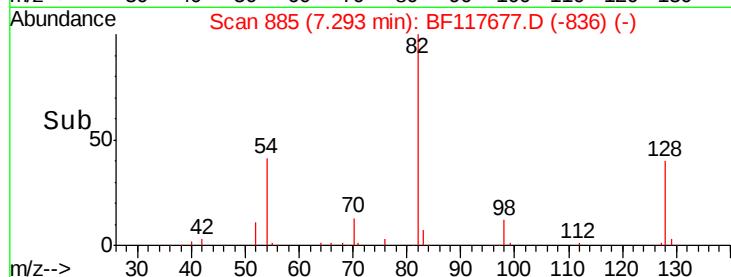
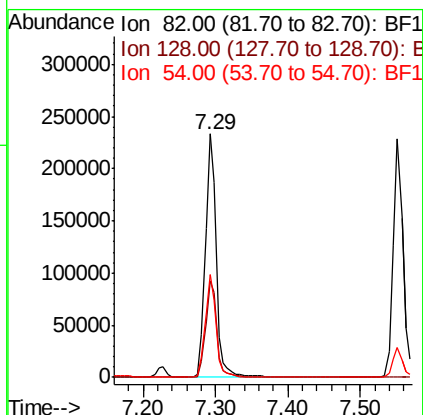
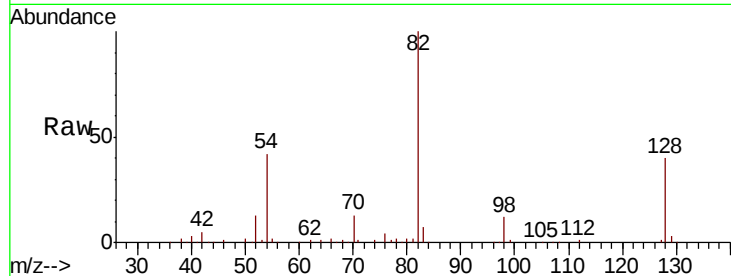
#23
Nitrobenzene-d5
Concen: 88.133 ng
RT: 7.29 min Scan# 885
Delta R.T. -0.01 min
Lab File: BF117677.D
Acq: 1 Nov 2019 13:30

Instrument :
BNA_F
ClientSampleId :
OR-03-102919MS

Tot Ion	Ratio	Lower	Upper
82	100		
128	39.5	32.2	48.2
54	42.1	34.2	51.2

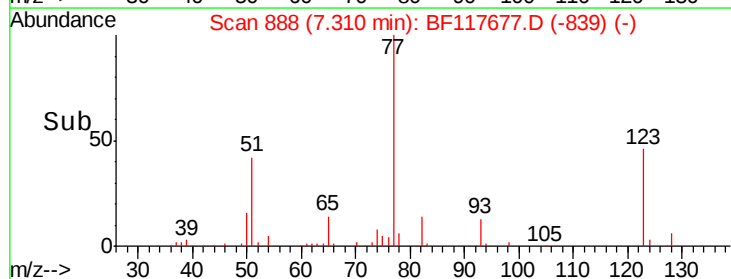
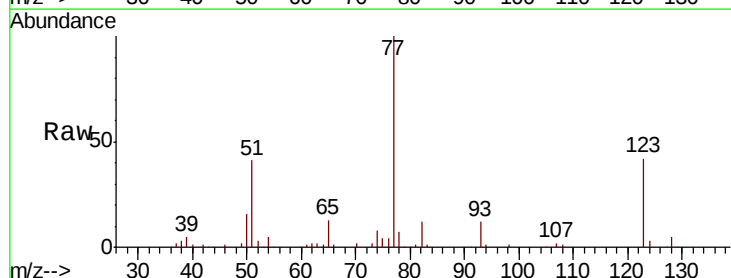
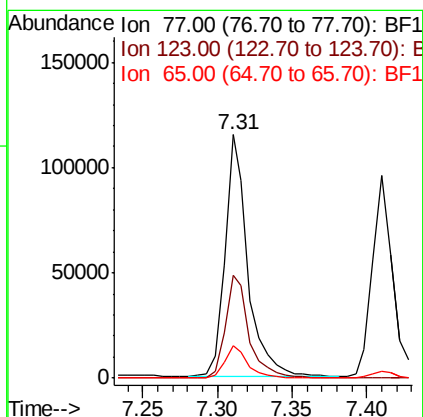
Manual Integrations
APPROVED

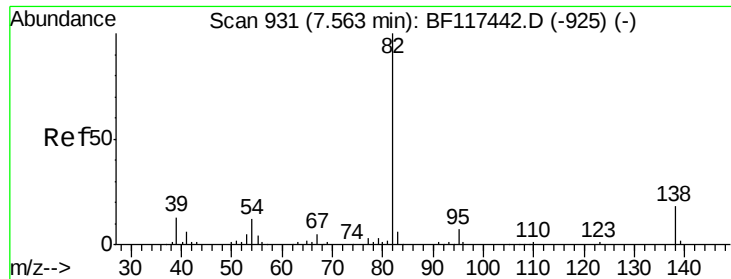
mohammad
11/4/2019 12:49:57 PM



#24
Nitrobenzene
Concen: 46.331 ng
RT: 7.31 min Scan# 888
Delta R.T. -0.01 min
Lab File: BF117677.D
Acq: 1 Nov 2019 13:30

Tgt Ion	Ratio	Lower	Upper
77	100		
123	42.0	34.2	51.2
65	13.5	10.3	15.5





#25

Isophorone

Concen: 46.403 ng

RT: 7.55 min Scan# 929

Delta R.T. -0.01 min

Lab File: BF117677.D

Acq: 1 Nov 2019 13:30

Instrument :

BNA_F

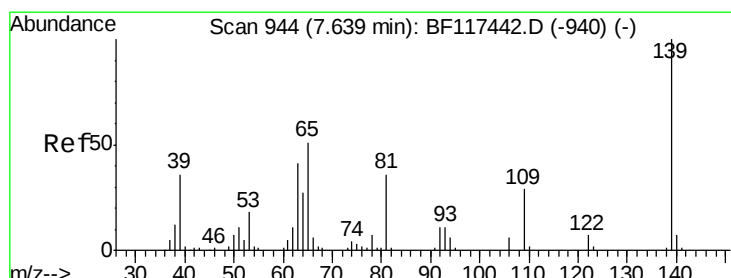
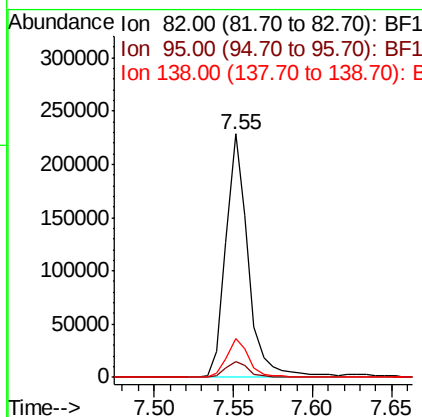
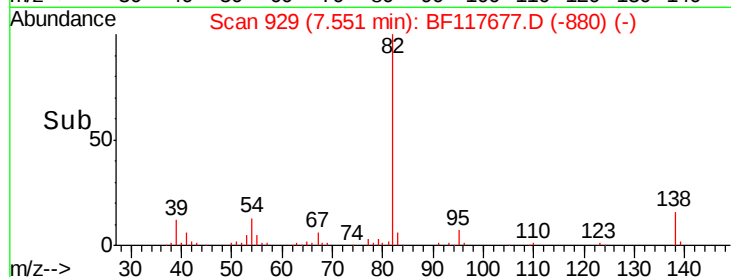
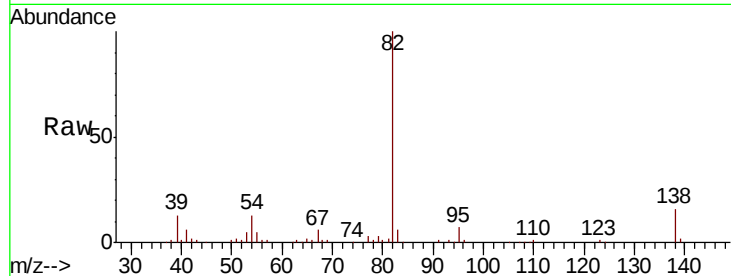
ClientSampleId :

OR-03-102919MS

Tot Ion:	82	Resp:	223693
Ion Ratio		Lower	Upper
82	100		
95	6.7	5.4	8.0
138	16.1	14.2	21.2

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#26

2-Nitrophenol

Concen: 48.146 ng

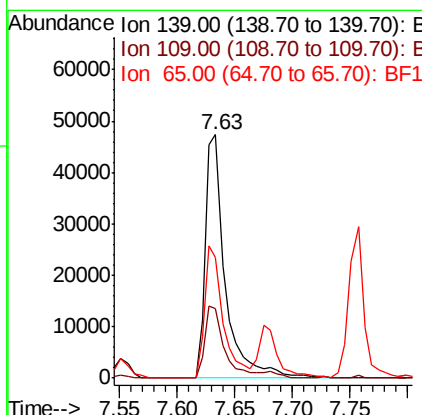
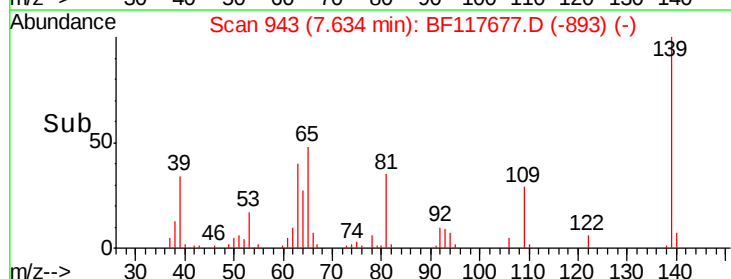
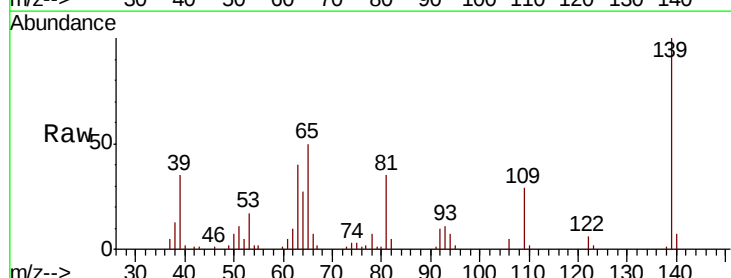
RT: 7.63 min Scan# 943

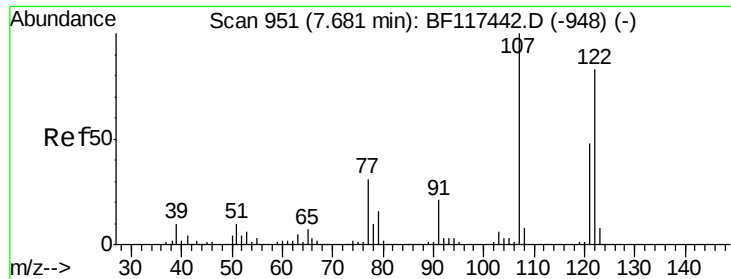
Delta R.T. -0.01 min

Lab File: BF117677.D

Acq: 1 Nov 2019 13:30

Tgt Ion:	139	Resp:	57313
Ion Ratio		Lower	Upper
139	100		
109	28.7	23.2	34.8
65	49.7	41.1	61.7





#27

2,4-Dimethylphenol

Concen: 54.158 ng

RT: 7.67 min Scan# 950

Delta R.T. -0.01 min

Lab File: BF117677.D

Acq: 1 Nov 2019 13:30

Instrument :

BNA_F

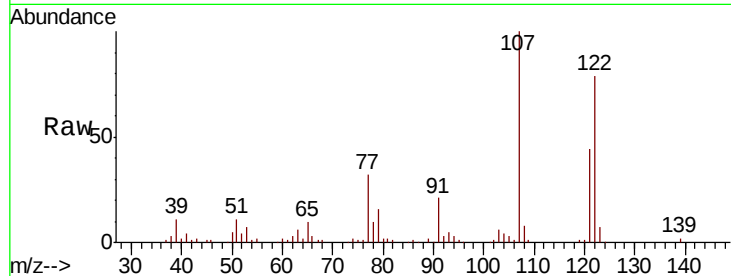
ClientSampleId :

OR-03-102919MS

Tot Ion:	122	Resp:	96349
Ion Ratio	Lower	Upper	
122	100		
107	126.3	96.8	145.2
121	55.9	46.4	69.6

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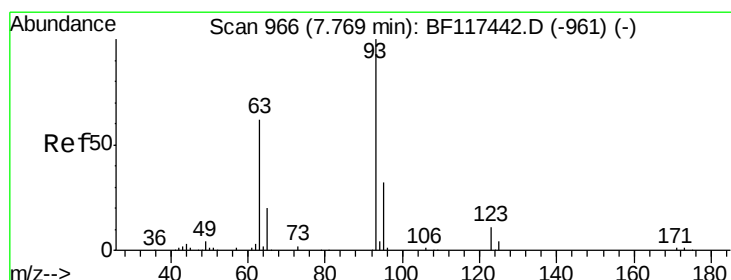
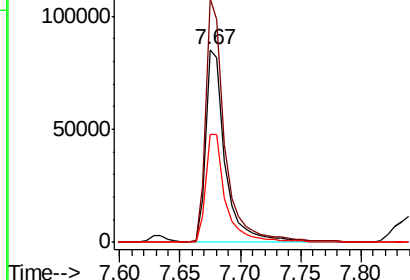
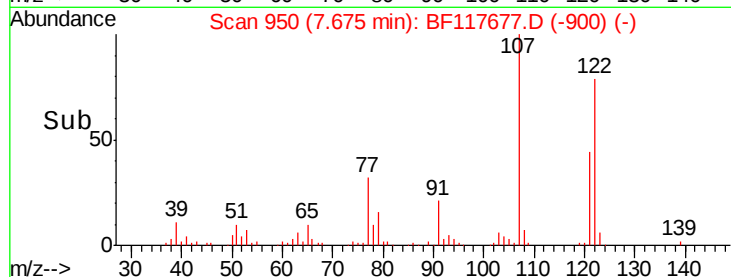


Abundance

Ion 122.00 (121.70 to 122.70): E

Ion 107.00 (106.70 to 107.70): E

Ion 121.00 (120.70 to 121.70): E



#28

bis(2-Chloroethoxy)methane

Concen: 45.572 ng

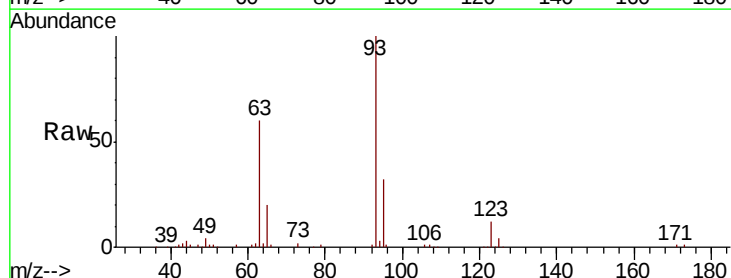
RT: 7.76 min Scan# 964

Delta R.T. -0.01 min

Lab File: BF117677.D

Acq: 1 Nov 2019 13:30

Tgt Ion:	93	Resp:	135560
Ion Ratio	Lower	Upper	
93	100		
95	31.9	25.5	38.3
123	11.9	9.0	13.6

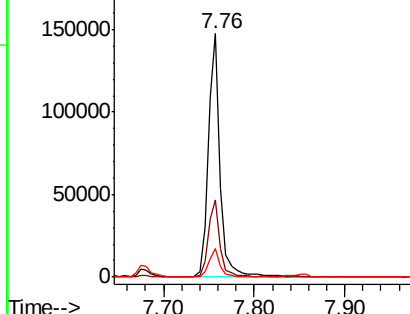
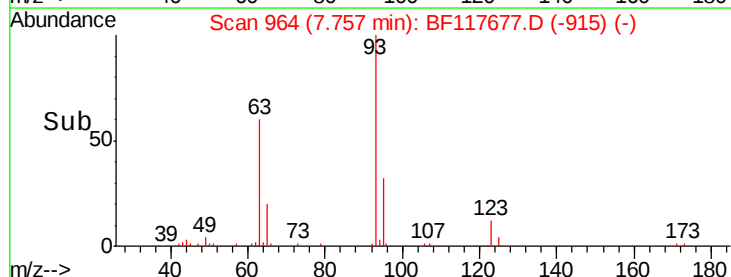


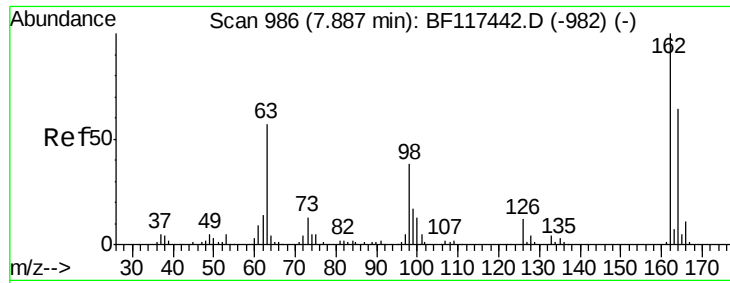
Abundance

Ion 93.00 (92.70 to 93.70): BF1

Ion 95.00 (94.70 to 95.70): BF1

Ion 123.00 (122.70 to 123.70): E





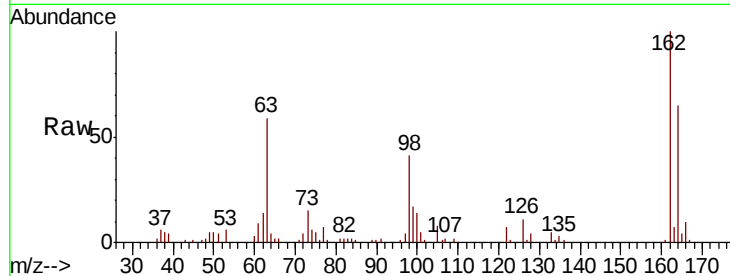
#29
2,4-Dichlorophenol
Concen: 45.927 ng
RT: 7.89 min Scan# 987
Delta R.T. 0.01 min
Lab File: BF117677.D
Acq: 1 Nov 2019 13:30

Instrument :
BNA_F
ClientSampleId :
OR-03-102919MS

Tot Ion	Ratio	Lower	Upper
162	100		
164	65.2	44.4	84.4
98	40.8	18.2	58.2

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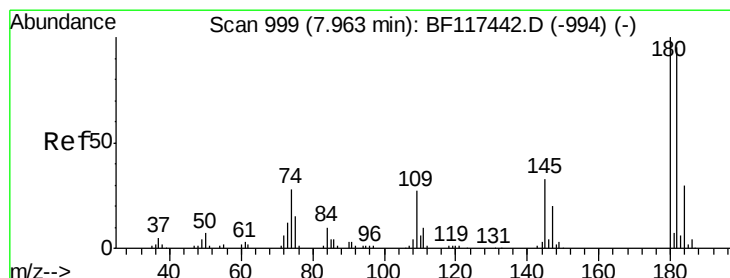
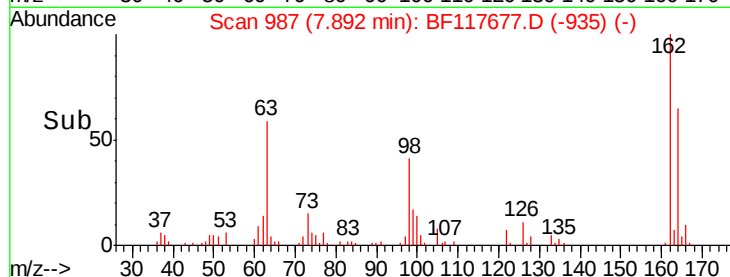
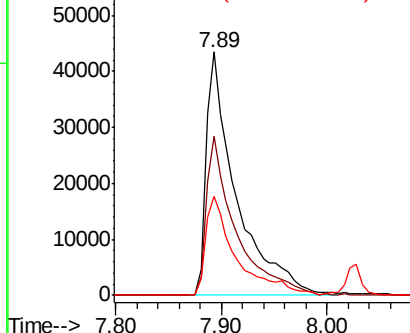


Abundance

Ion 162.00 (161.70 to 162.70): E

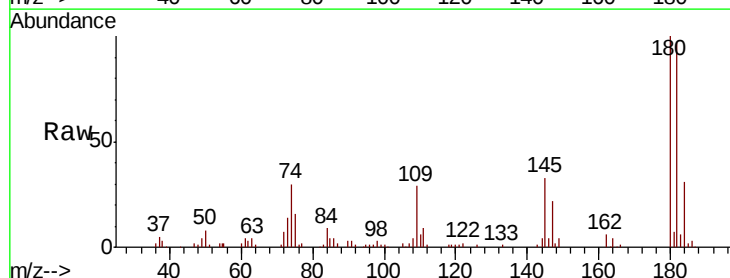
Ion 164.00 (163.70 to 164.70): E

Ion 98.00 (97.70 to 98.70): BF1



#30
1,2,4-Trichlorobenzene
Concen: 43.743 ng
RT: 7.95 min Scan# 997
Delta R.T. -0.01 min
Lab File: BF117677.D
Acq: 1 Nov 2019 13:30

Tgt Ion	Ratio	Lower	Upper
180	100		
182	96.9	75.8	113.8
145	33.2	26.5	39.7

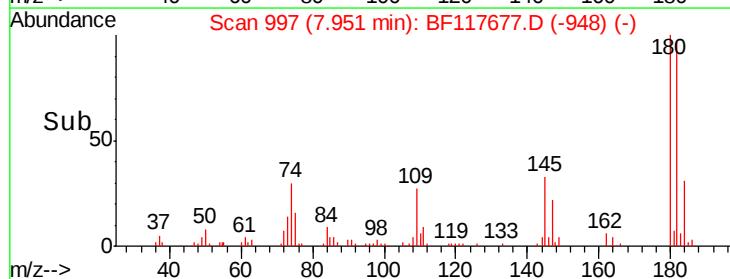
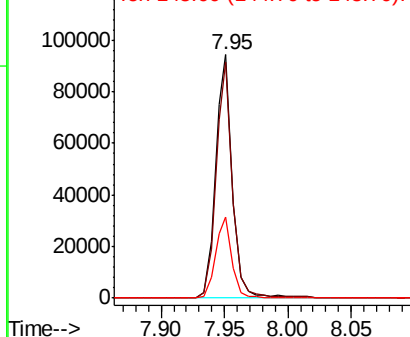


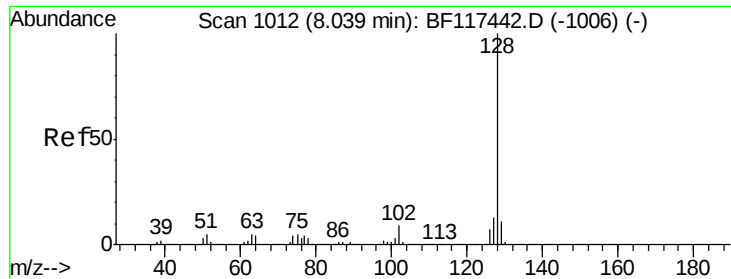
Abundance

Ion 180.00 (179.70 to 180.70): E

Ion 182.00 (181.70 to 182.70): E

Ion 145.00 (144.70 to 145.70): E





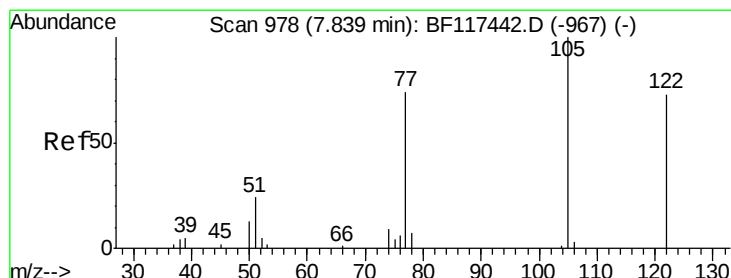
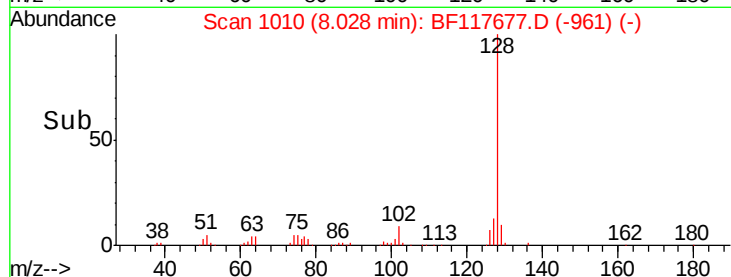
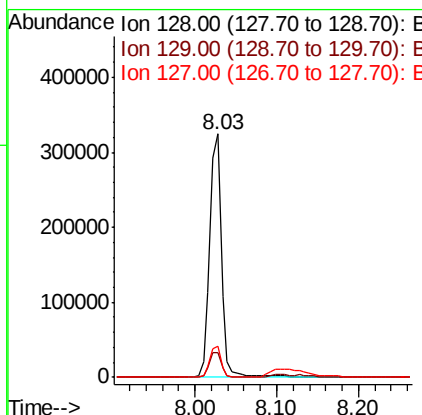
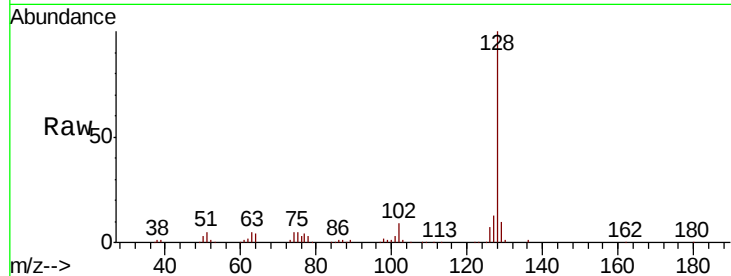
#31
Naphthalene
Concen: 47.802 ng
RT: 8.03 min Scan# 1010
Delta R.T. -0.01 min
Lab File: BF117677.D
Acq: 1 Nov 2019 13:30

Instrument :
BNA_F
ClientSampleId :
OR-03-102919MS

Tot Ion	Ratio	Resp	Lower	Upper
128	100			
129	10.3	9.0	13.4	
127	12.7	10.2	15.2	

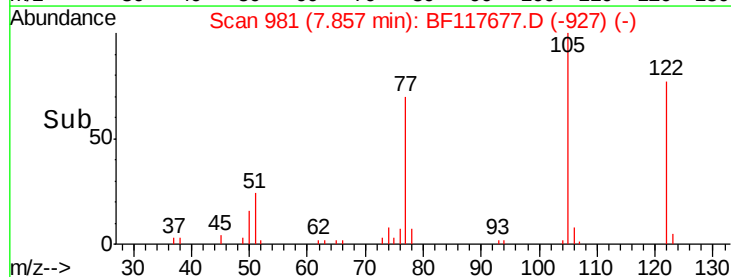
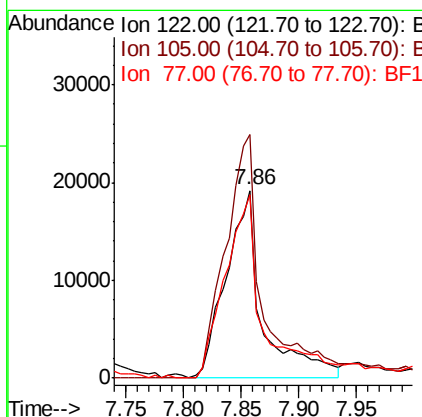
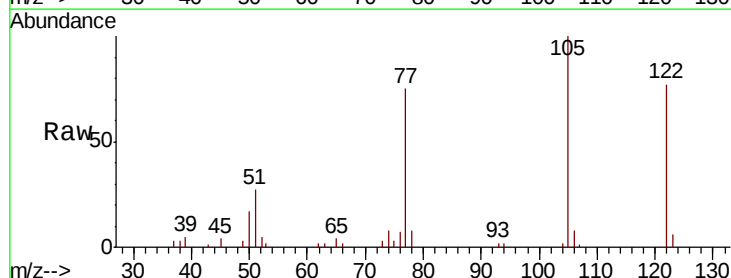
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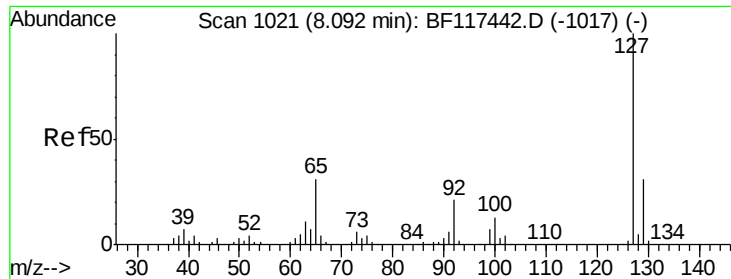
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#32
Benzoic acid
Concen: 34.784 ng
RT: 7.86 min Scan# 981
Delta R.T. 0.02 min
Lab File: BF117677.D
Acq: 1 Nov 2019 13:30

Tgt Ion	Ratio	Resp	Lower	Upper
122	100			
105	129.7	115.0	155.0	
77	97.5	79.7	119.7	





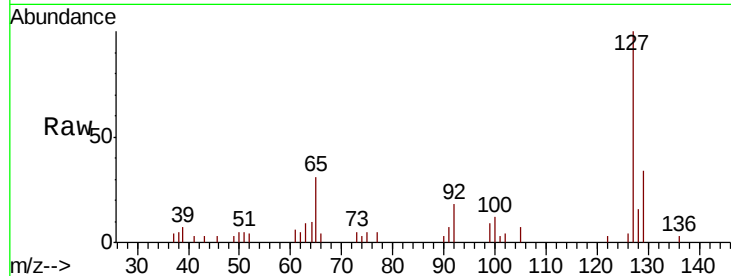
#33
4-Chloroaniline
Concen: 12.524 ng
RT: 8.11 min Scan# 1024
Delta R.T. 0.02 min
Lab File: BF117677.D
Acq: 1 Nov 2019 13:30

Instrument :
BNA_F
ClientSampleId :
OR-03-102919MS

Tot Ion	Ion	Ratio	Resp	Lower	Upper
127	100				
129	34.2	24.8	37.2		
65	30.5	24.6	37.0		
92	17.8	16.5	24.7		

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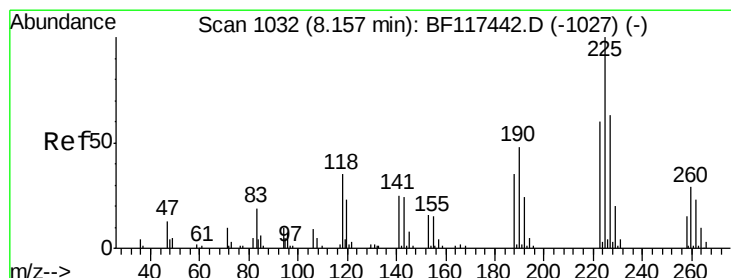
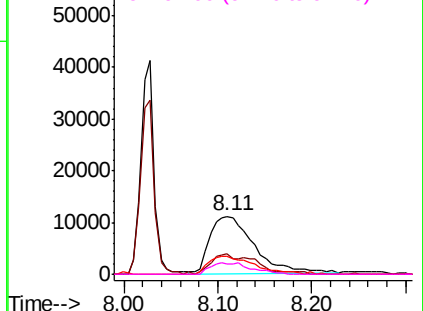
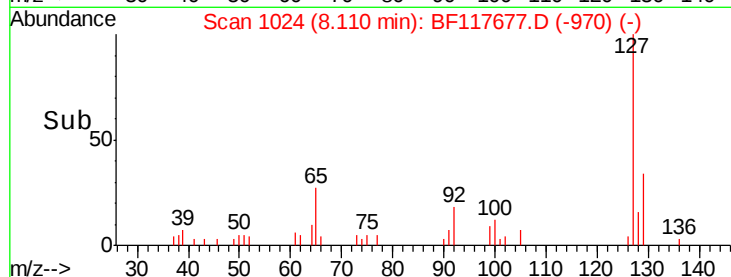
Abundance

Ion 127.00 (126.70 to 127.70): E

Ion 129.00 (128.70 to 129.70): E

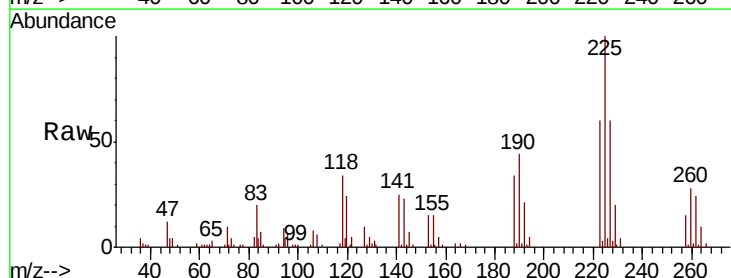
Ion 65.00 (64.70 to 65.70): BF1

Ion 92.00 (91.70 to 92.70): BF1



#34
Hexachlorobutadiene
Concen: 42.641 ng
RT: 8.14 min Scan# 1029
Delta R.T. -0.02 min
Lab File: BF117677.D
Acq: 1 Nov 2019 13:30

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
225	100				
223	60.1	48.2	72.4		
227	60.3	50.2	75.4		

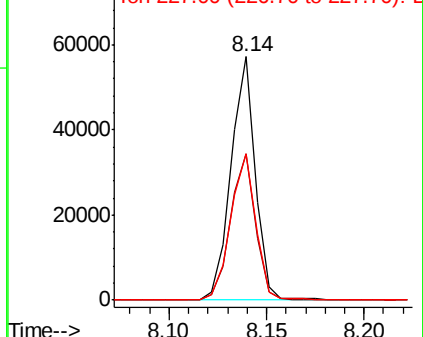
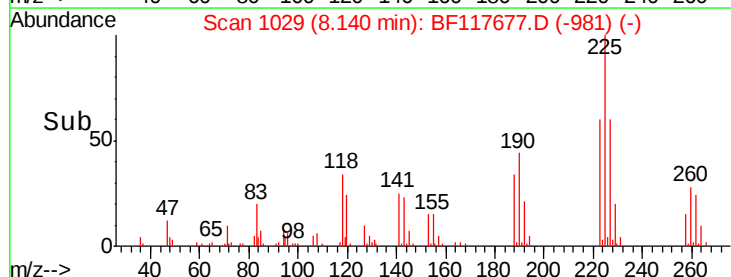


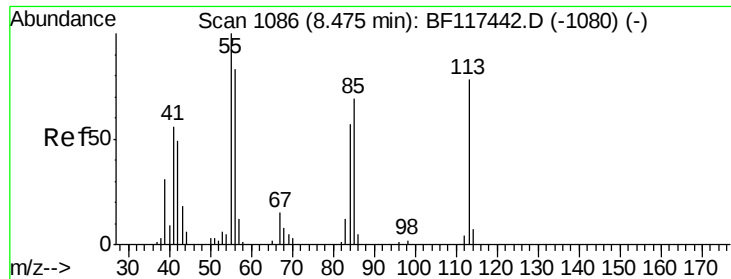
Abundance

Ion 225.00 (224.70 to 225.70): E

Ion 223.00 (222.70 to 223.70): E

Ion 227.00 (226.70 to 227.70): E





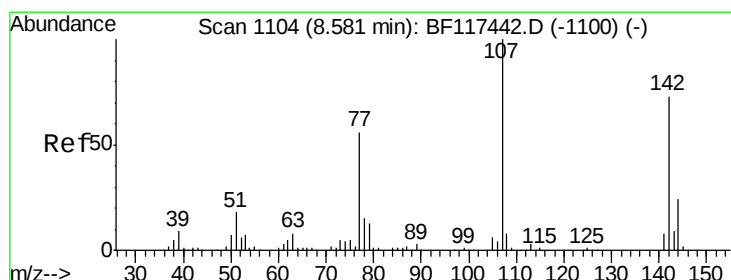
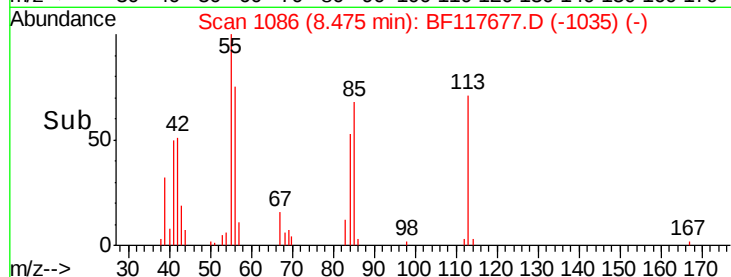
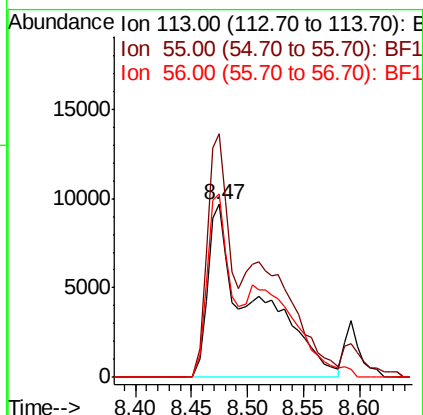
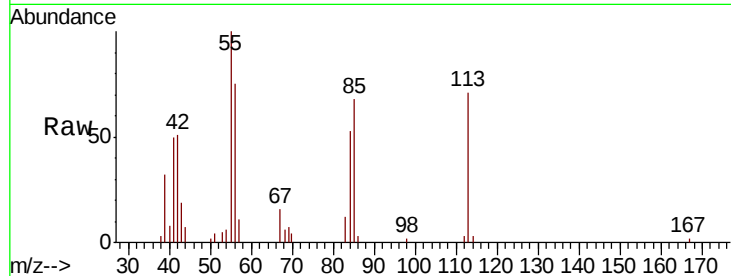
#35
 Caprolactam
 Concen: 46.894 ng/ml
 RT: 8.47 min Scan# 1086
 Delta R.T. 0.00 min
 Lab File: BF117677.D
 Acq: 1 Nov 2019 13:30

Instrument :
 BNA_F
 ClientSampleId :
 OR-03-102919MS

Tot Ion	Ratio	Lower	Upper
113	100		
55	141.0	108.8	148.8
56	105.9	87.2	127.2

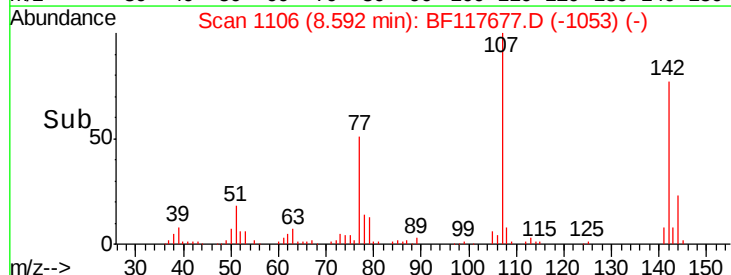
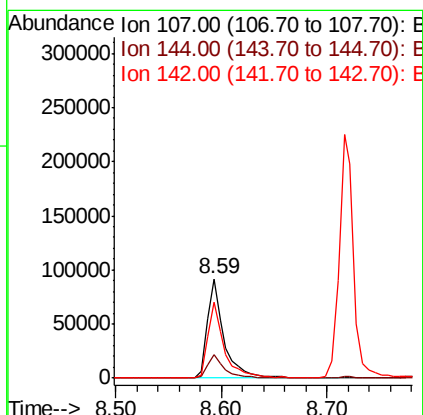
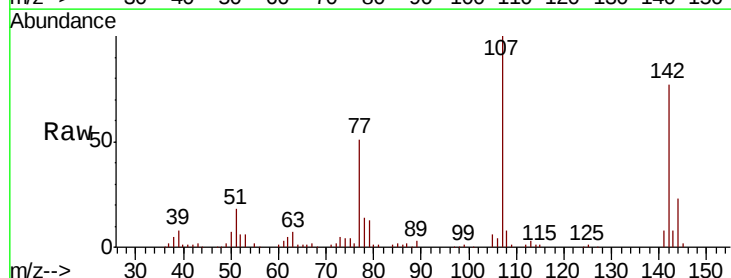
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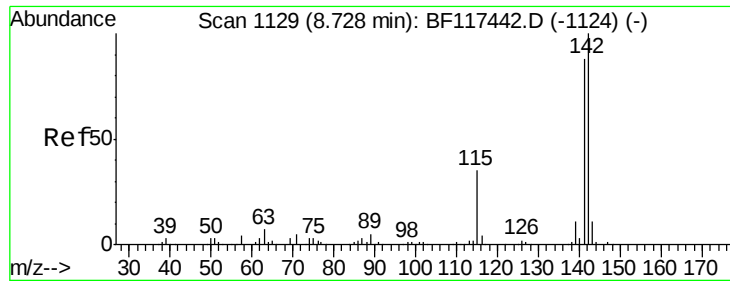
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#36
 4-Chloro-3-methylphenol
 Concen: 47.755 ng
 RT: 8.59 min Scan# 1106
 Delta R.T. 0.01 min
 Lab File: BF117677.D
 Acq: 1 Nov 2019 13:30

Tgt Ion	Ratio	Lower	Upper
107	100		
144	23.0	18.9	28.3
142	76.6	58.6	88.0





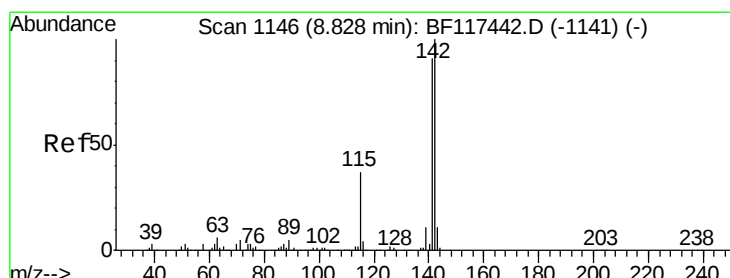
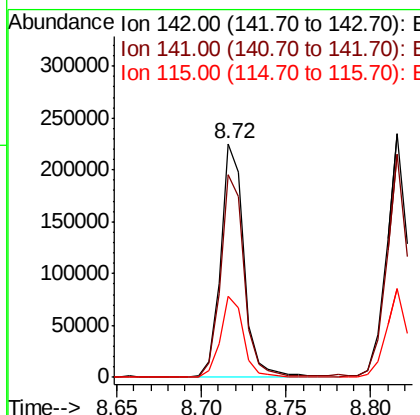
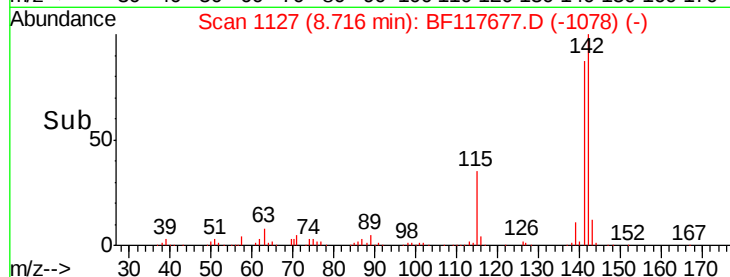
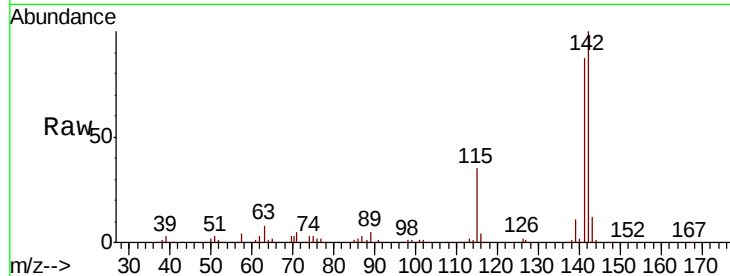
#37
2-Methylnaphthalene
Concen: 47.339 ng
RT: 8.72 min Scan# 1127
Delta R.T. -0.01 min
Lab File: BF117677.D
Acq: 1 Nov 2019 13:30

Instrument :
BNA_F
ClientSampleId :
OR-03-102919MS

Tot Ion	Ratio	Lower	Upper
142	100		
141	86.8	70.3	105.5
115	34.5	28.2	42.2

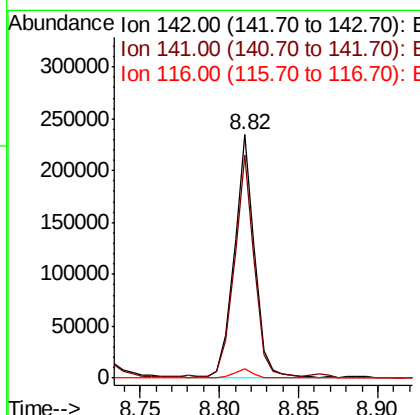
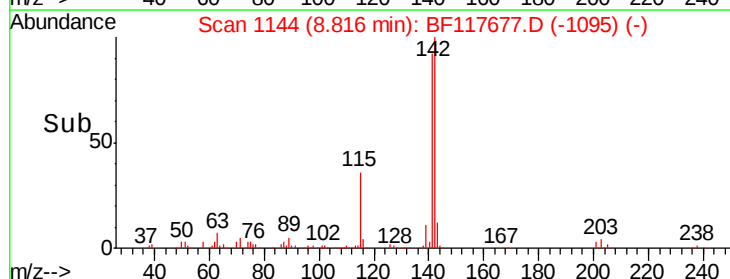
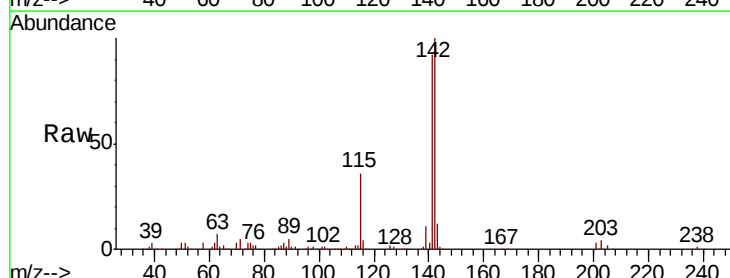
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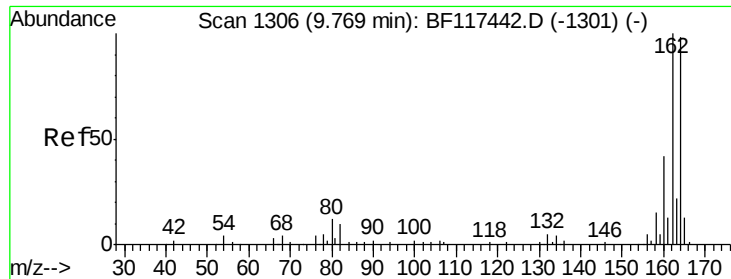
mohammad
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#38
1-Methylnaphthalene
Concen: 47.348 ng
RT: 8.82 min Scan# 1144
Delta R.T. -0.01 min
Lab File: BF117677.D
Acq: 1 Nov 2019 13:30

Tgt Ion	Ratio	Lower	Upper
142	100		
141	91.9	73.3	109.9
116	3.9	3.1	4.7





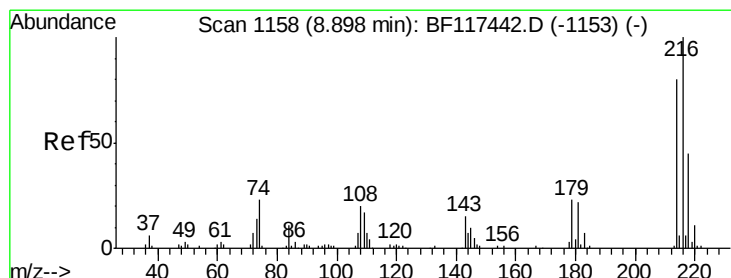
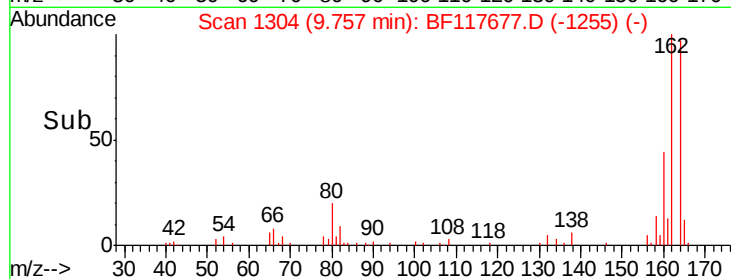
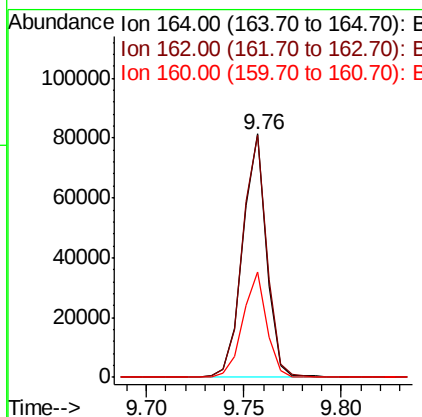
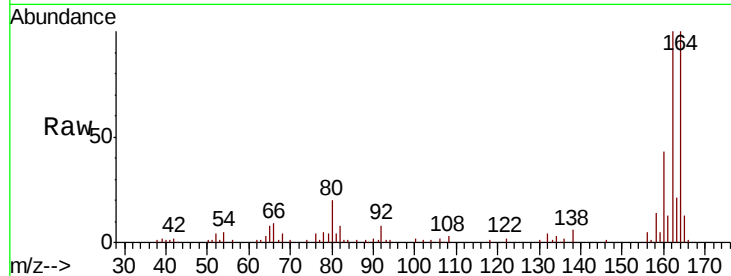
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.76 min Scan# 1304
Delta R.T. -0.01 min
Lab File: BF117677.D
Acq: 1 Nov 2019 13:30

Instrument :
BNA_F
ClientSampleId :
OR-03-102919MS

Tot Ion	Ratio	Lower	Upper
164	100		
162	99.5	81.8	122.6
160	43.4	34.4	51.6

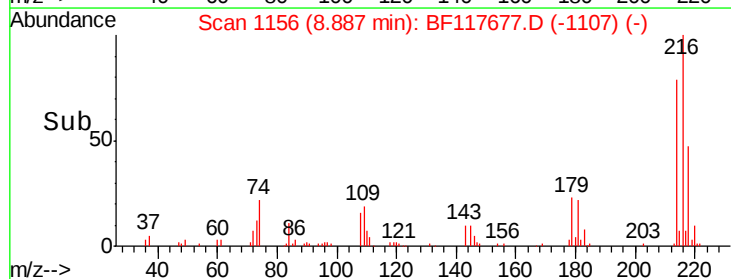
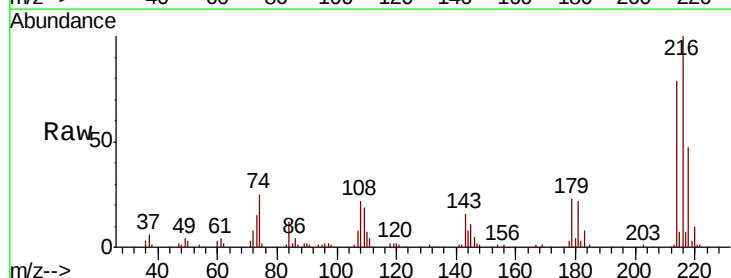
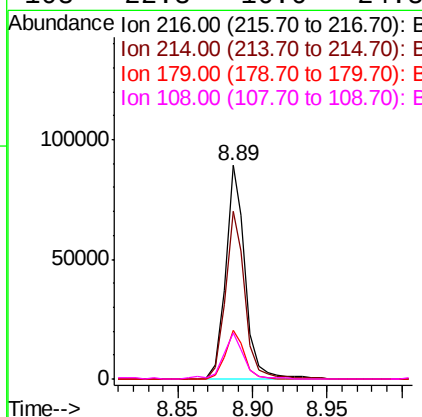
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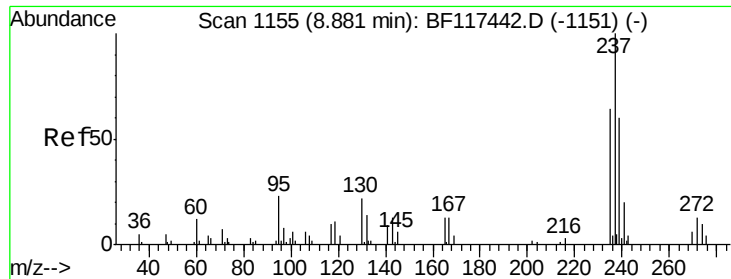
mohammad
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#40
1,2,4,5-Tetrachlorobenzene
Concen: 44.437 ng
RT: 8.89 min Scan# 1156
Delta R.T. -0.01 min
Lab File: BF117677.D
Acq: 1 Nov 2019 13:30

Tgt Ion	Ratio	Lower	Upper
216	100		
214	78.8	62.4	93.6
179	22.2	18.1	27.1
108	22.3	16.6	24.8





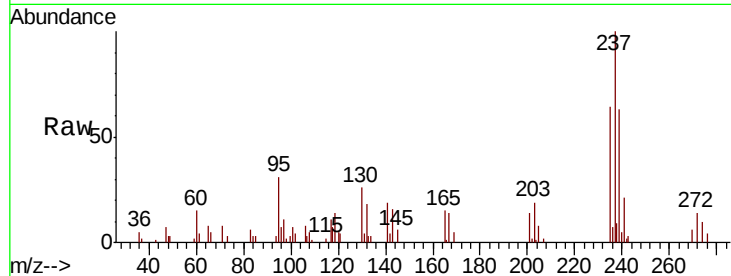
#41
Hexachlorocyclopentadiene
Concen: 49.627 ng
RT: 8.86 min Scan# 1152
Delta R.T. -0.02 min
Lab File: BF117677.D
Acq: 1 Nov 2019 13:30

Instrument :
BNA_F
ClientSampleId :
OR-03-102919MS

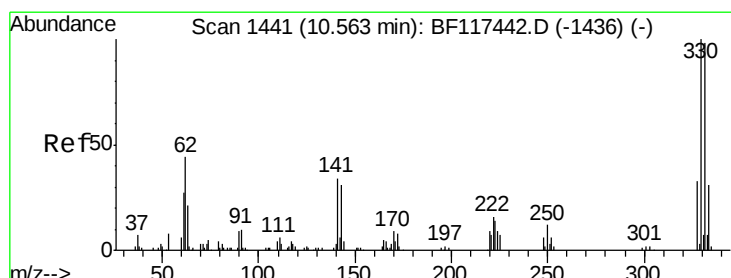
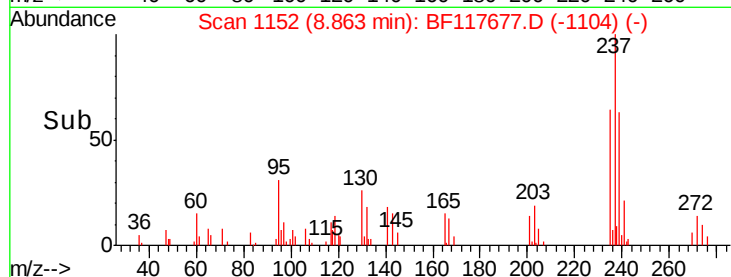
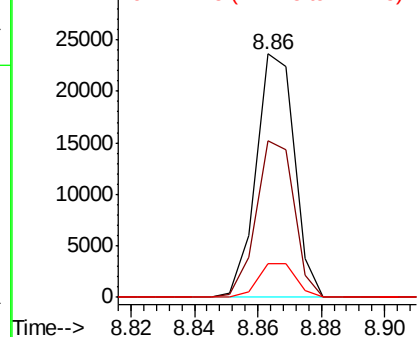
Tot Ion	Ratio	Lower	Upper
237	100		
235	64.2	44.3	84.3
272	13.7	0.0	33.2

Manual Integrations
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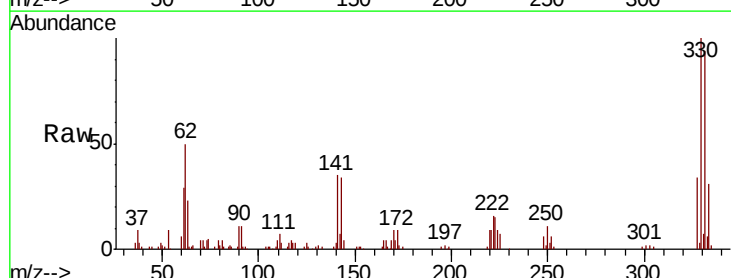


Abundance Ion 236.80 (236.50 to 237.50): E
Ion 234.90 (234.60 to 235.60): E
Ion 271.75 (271.45 to 272.45): E

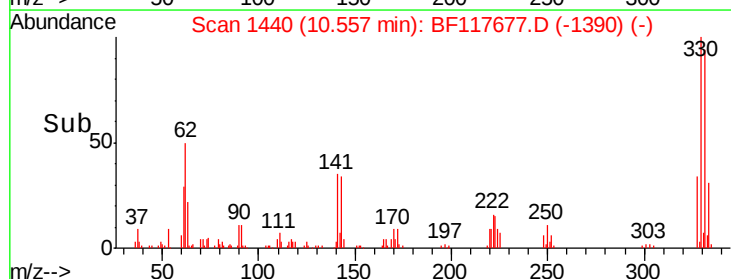
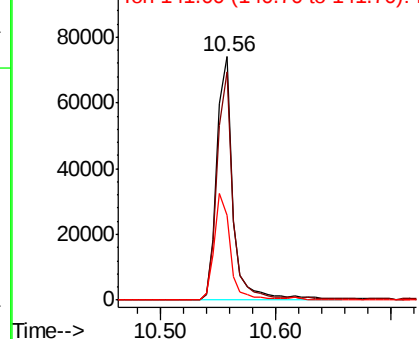


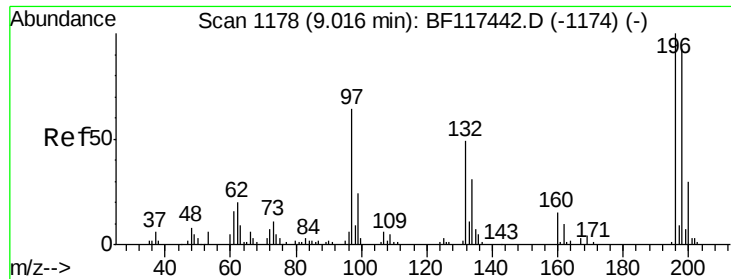
#42
2,4,6-Tribromophenol
Concen: 122.379 ng
RT: 10.56 min Scan# 1440
Delta R.T. -0.01 min
Lab File: BF117677.D
Acq: 1 Nov 2019 13:30

Tgt Ion	Ratio	Lower	Upper
330	100		
332	93.2	78.5	117.7
141	43.2	37.0	55.6



Abundance Ion 329.80 (329.50 to 330.50): E
Ion 331.80 (331.50 to 332.50): E
Ion 141.00 (140.70 to 141.70): E





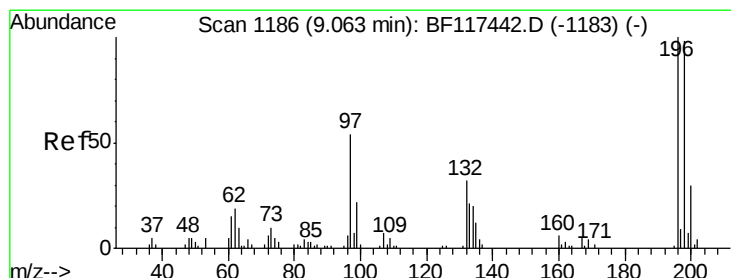
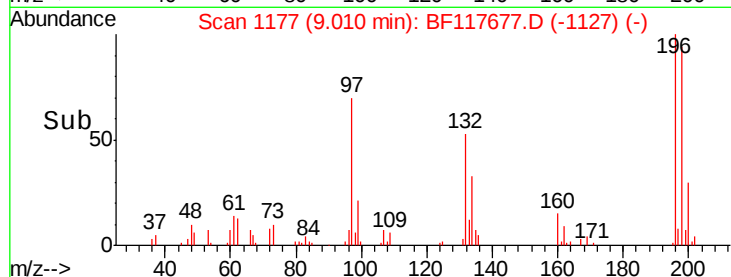
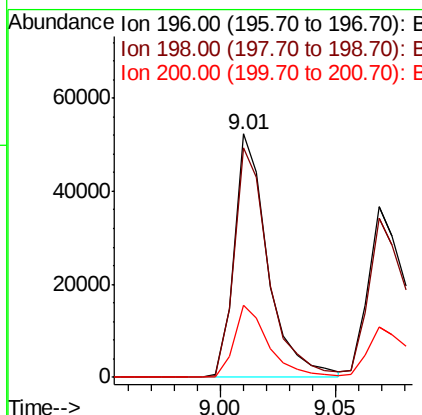
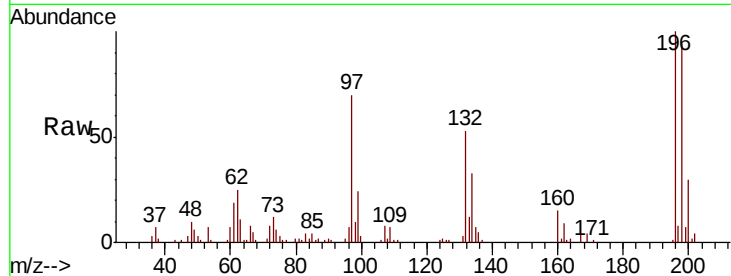
#43
 2,4,6-Trichlorophenol
 Concen: 45.792 ng
 RT: 9.01 min Scan# 1177
 Delta R.T. -0.01 min
 Lab File: BF117677.D
 Acq: 1 Nov 2019 13:30

Instrument :
 BNA_F
 ClientSampleId :
 OR-03-102919MS

Tot Ion	196	Resp	53075
Ion Ratio	Lower	Upper	
196	100		
198	94.2	74.1	111.1
200	29.6	23.9	35.9

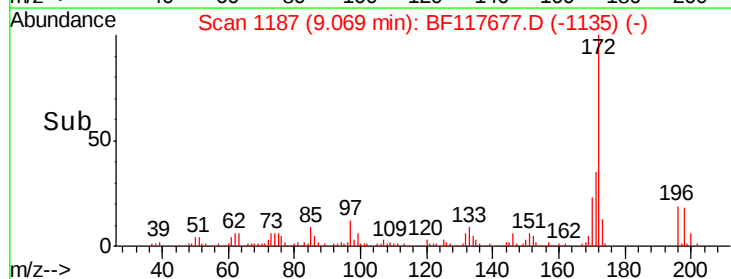
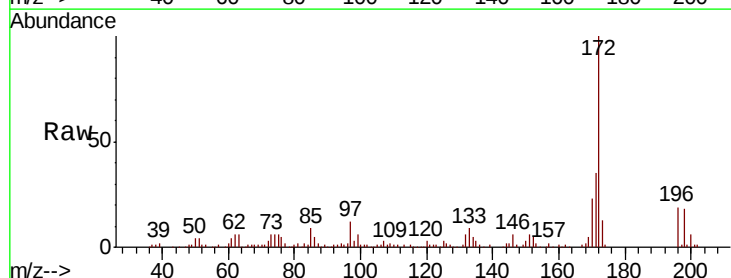
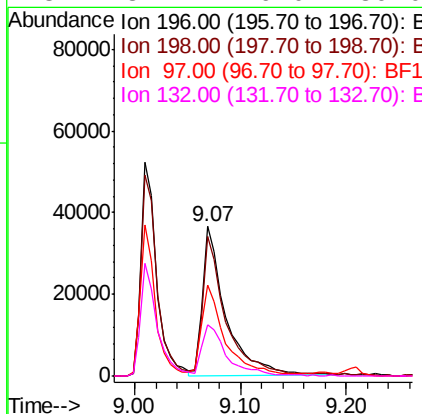
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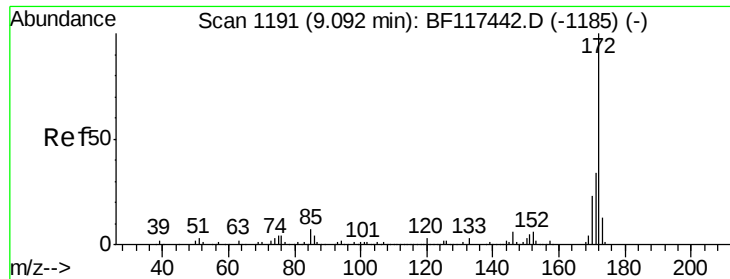
mohammad
 11/4/2019 12:49:57 PM



#44
 2,4,5-Trichlorophenol
 Concen: 46.882 ng
 RT: 9.07 min Scan# 1187
 Delta R.T. 0.01 min
 Lab File: BF117677.D
 Acq: 1 Nov 2019 13:30

Tgt Ion	196	Resp	55063
Ion Ratio	Lower	Upper	
196	100		
198	93.6	78.6	117.8
97	61.0	43.4	65.2
132	34.4	26.0	39.0





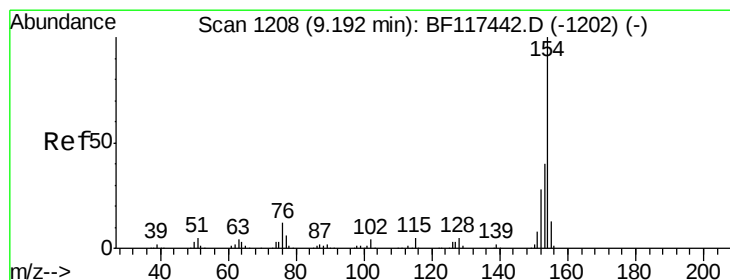
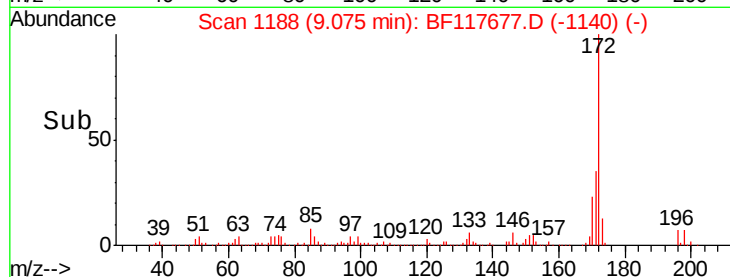
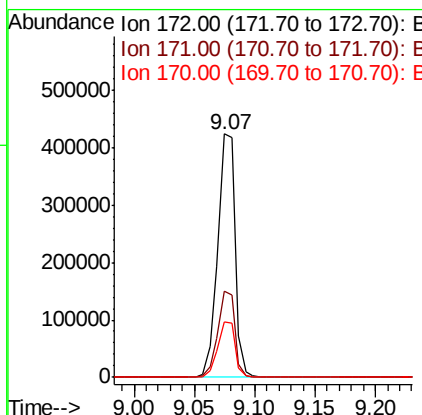
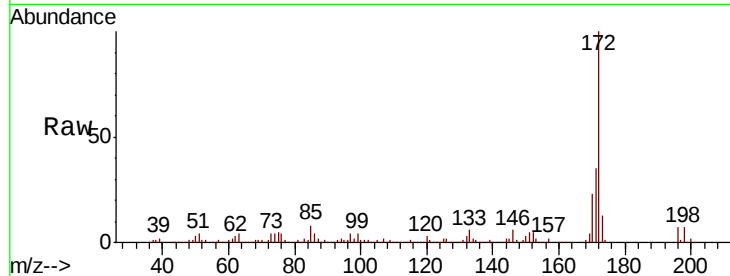
#45
2-Fluorobiphenyl
Concen: 86.141 ng
RT: 9.07 min Scan# 1188
Delta R.T. -0.02 min
Lab File: BF117677.D
Acq: 1 Nov 2019 13:30

Instrument :
BNA_F
ClientSampleId :
OR-03-102919MS

Tot Ion	Ratio	Lower	Upper
172	100		
171	35.2	27.5	41.3
170	22.6	18.6	27.8

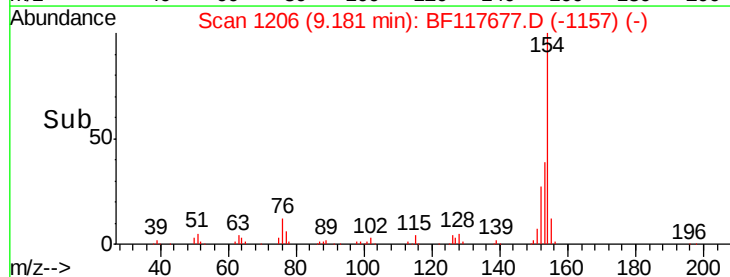
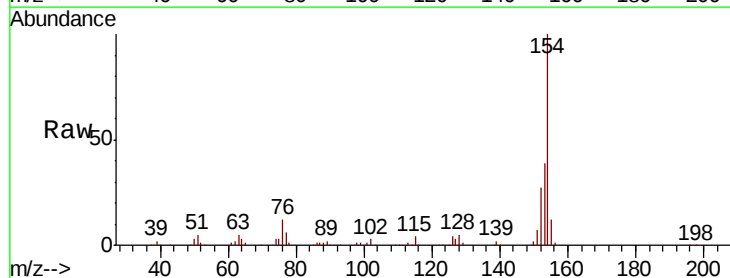
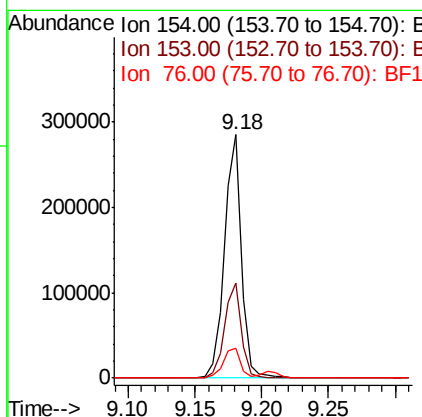
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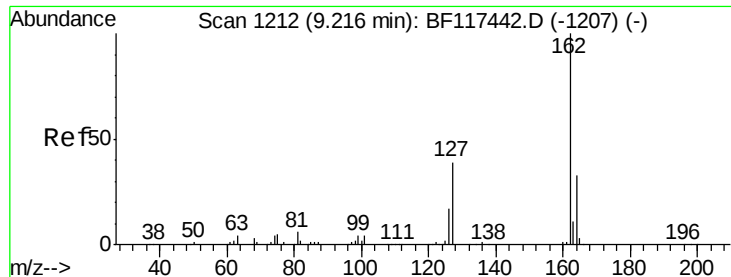
mohammad
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#46
1,1'-Biphenyl
Concen: 45.114 ng
RT: 9.18 min Scan# 1206
Delta R.T. -0.01 min
Lab File: BF117677.D
Acq: 1 Nov 2019 13:30

Tgt Ion	Ratio	Lower	Upper
154	100		
153	38.9	20.2	60.2
76	12.2	0.0	32.1





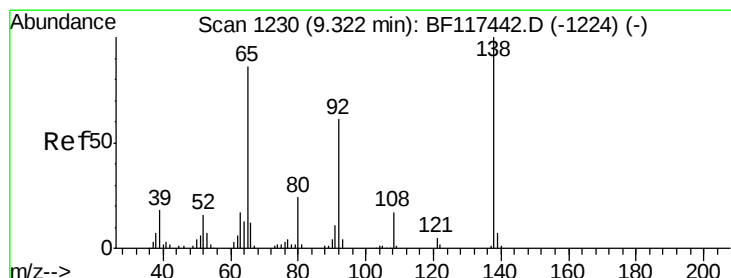
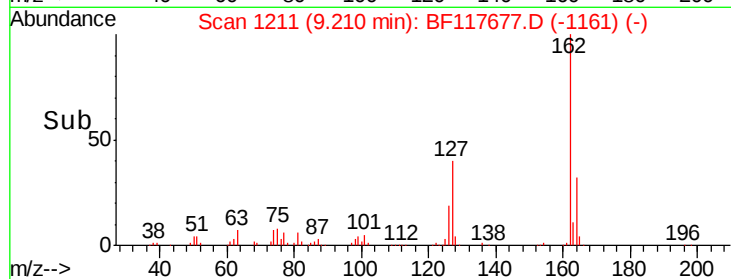
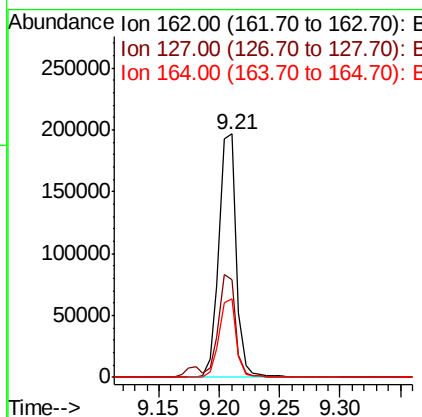
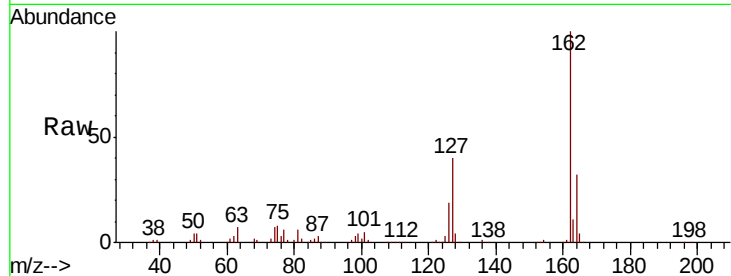
#47
2-Chloronaphthalene
Concen: 45.657 ng
RT: 9.21 min Scan# 1211
Delta R.T. -0.01 min
Lab File: BF117677.D
Acq: 1 Nov 2019 13:30

Instrument :
BNA_F
ClientSampleId :
OR-03-102919MS

Tot Ion	Ratio	Lower	Upper
162	100		
127	39.9	34.2	51.4
164	32.3	26.4	39.6

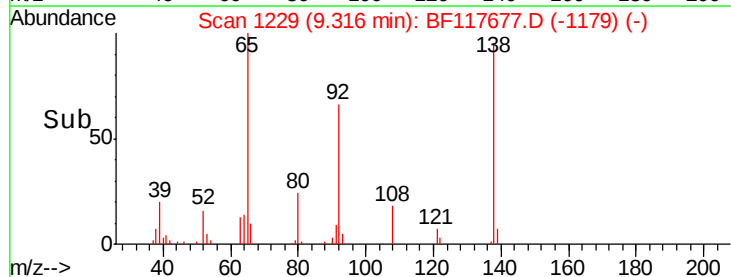
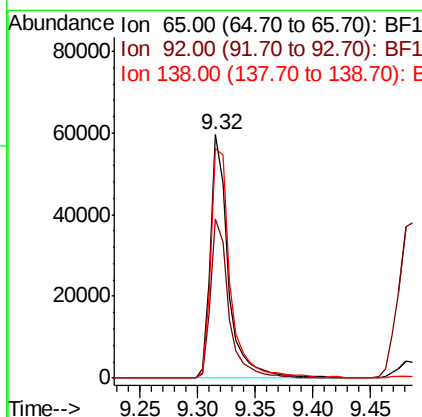
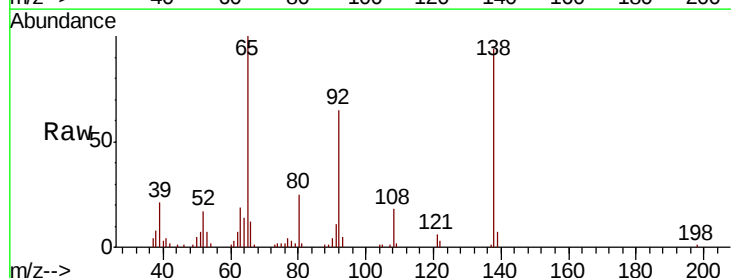
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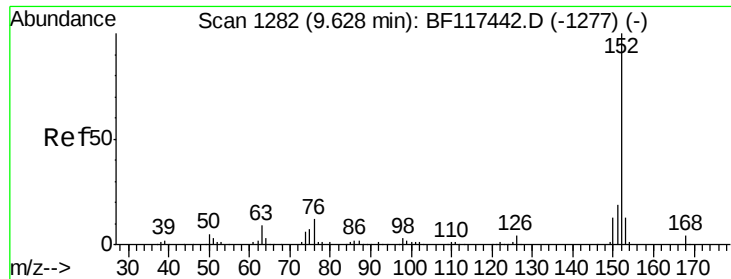
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#48
2-Nitroaniline
Concen: 45.129 ng
RT: 9.32 min Scan# 1229
Delta R.T. -0.01 min
Lab File: BF117677.D
Acq: 1 Nov 2019 13:30

Tgt Ion	Ratio	Lower	Upper
65	100		
92	65.5	57.3	85.9
138	94.1	93.3	139.9





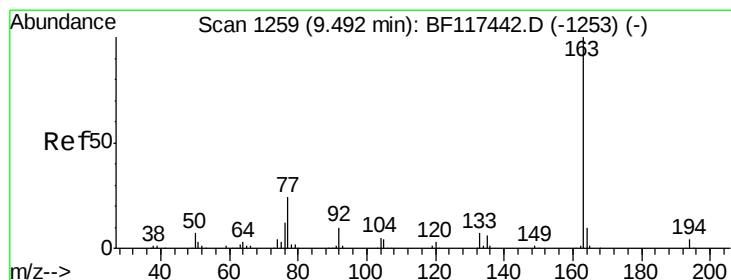
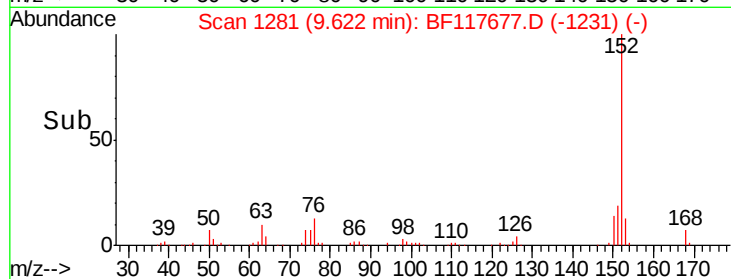
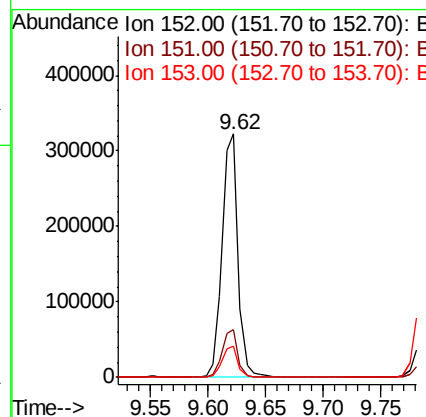
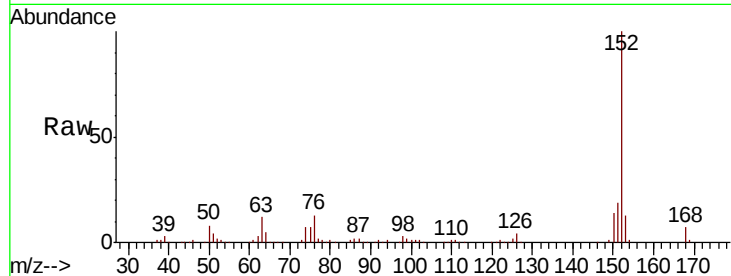
#49
Acenaphthylene
Concen: 48.750 ng
RT: 9.62 min Scan# 1281
Delta R.T. -0.01 min
Lab File: BF117677.D
Acq: 1 Nov 2019 13:30

Instrument :
BNA_F
ClientSampleId :
OR-03-102919MS

Tot Ion	Ratio	Lower	Upper
152	100		
151	19.5	15.4	23.0
153	12.9	10.3	15.5

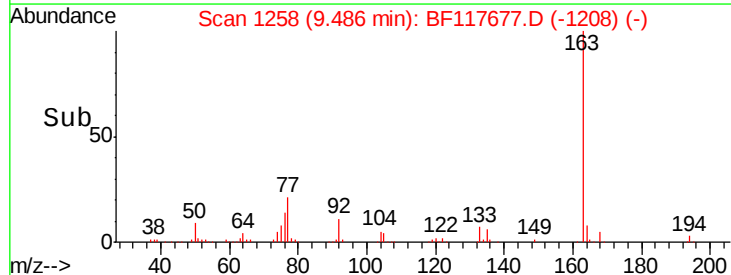
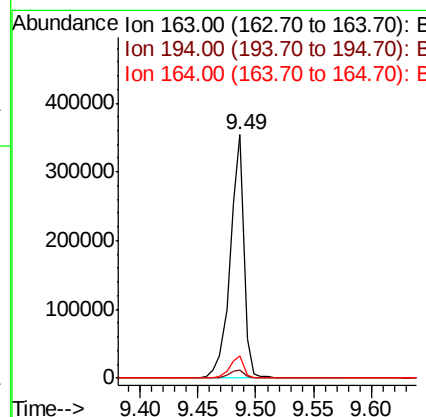
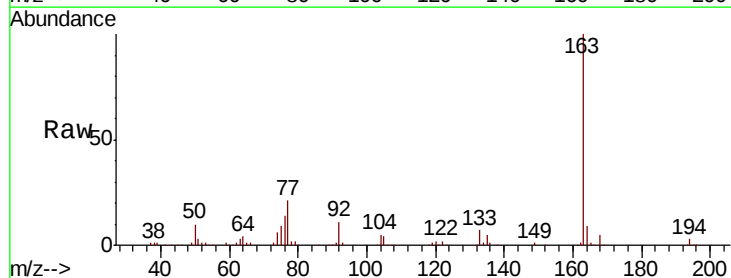
Manual Integrations
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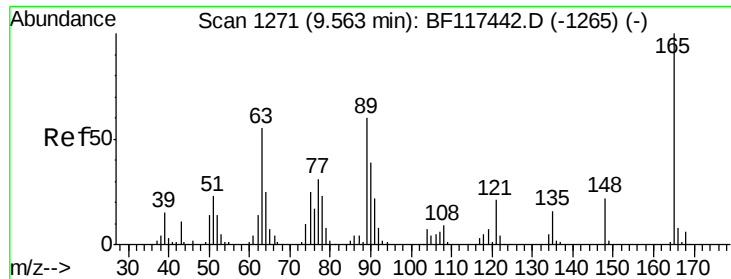
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#50
Dimethylphthalate
Concen: 59.559 ng
RT: 9.49 min Scan# 1258
Delta R.T. -0.01 min
Lab File: BF117677.D
Acq: 1 Nov 2019 13:30

Tgt Ion	Ratio	Lower	Upper
163	100		
194	3.5	2.9	4.3
164	9.3	8.2	12.2





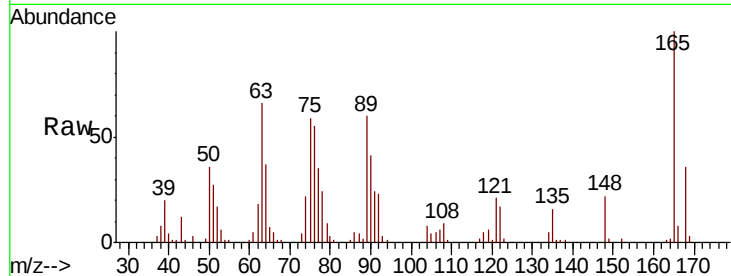
#51
2,6-Dinitrotoluene
Concen: 48.011 ng
RT: 9.56 min Scan# 1270
Delta R.T. -0.01 min
Lab File: BF117677.D
Acq: 1 Nov 2019 13:30

Instrument :
BNA_F
ClientSampleId :
OR-03-102919MS

Tot Ion	Ratio	Resp	Lower	Upper
165	100	49080		
63	66.3	43.8	65.8#	
89	59.7	47.6	71.4	

Manual Integrations
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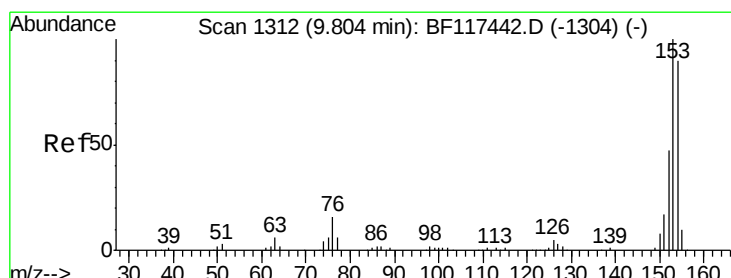
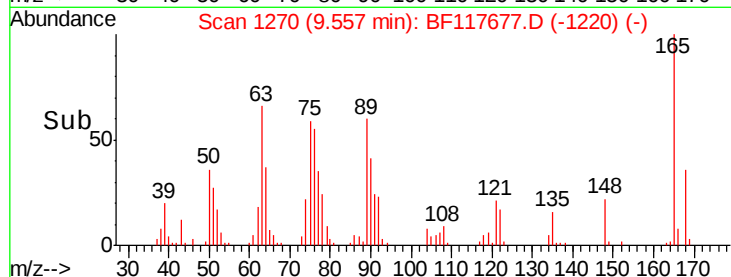
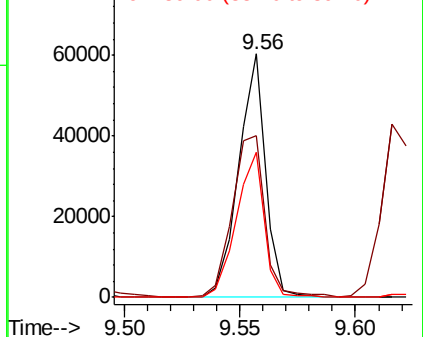


Abundance

Ion 165.00 (164.70 to 165.70): E

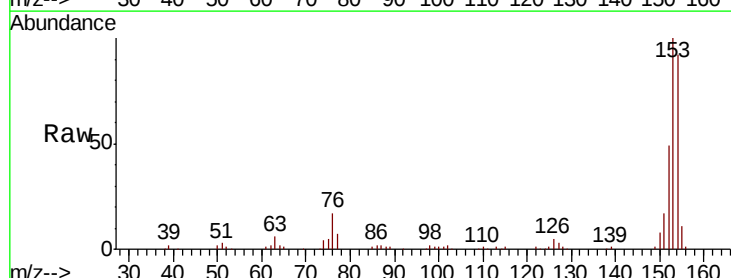
Ion 63.00 (62.70 to 63.70): BF1

Ion 89.00 (88.70 to 89.70): BF1



#52
Acenaphthene
Concen: 46.907 ng
RT: 9.79 min Scan# 1310
Delta R.T. -0.01 min
Lab File: BF117677.D
Acq: 1 Nov 2019 13:30

Tgt Ion	Ratio	Resp	Lower	Upper
154	100	181314		
153	109.1	89.2	133.8	
152	52.9	41.8	62.6	

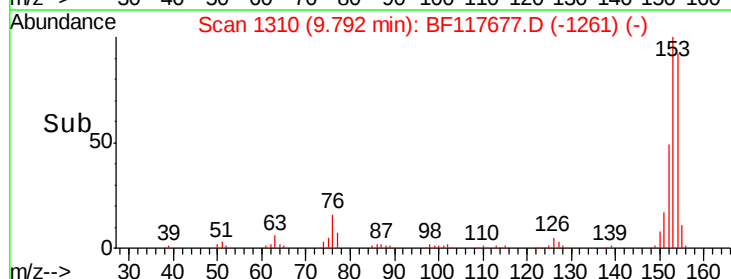
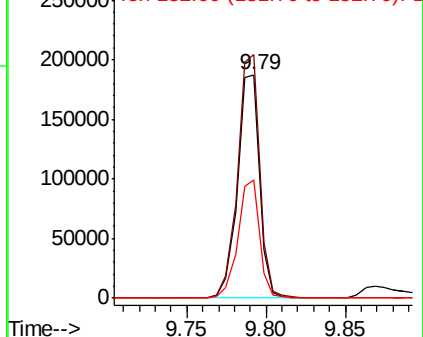


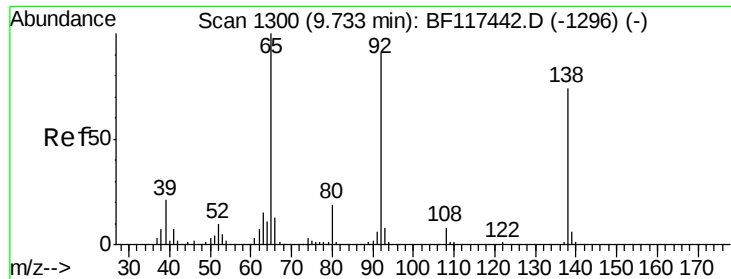
Abundance

Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E





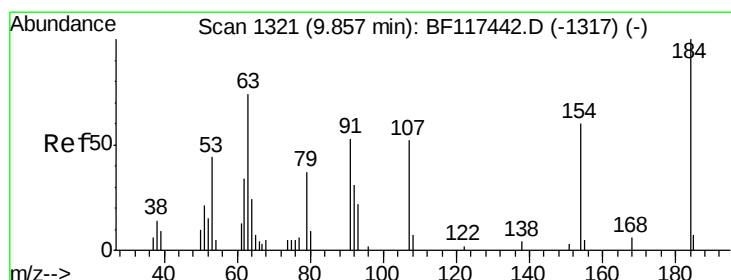
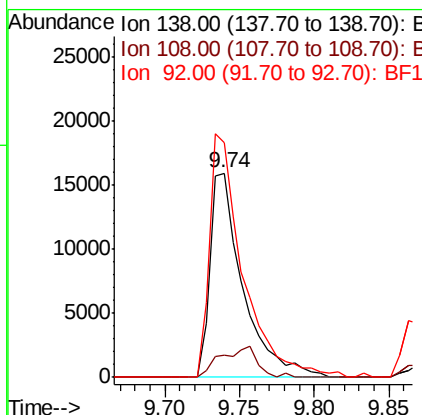
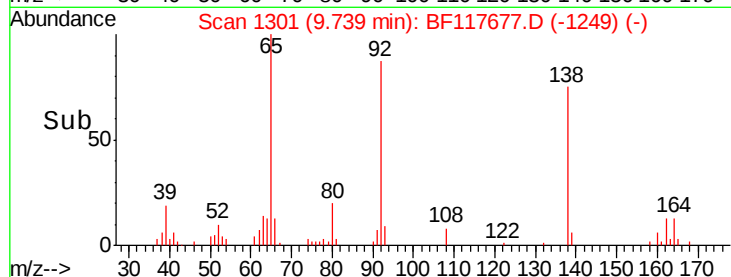
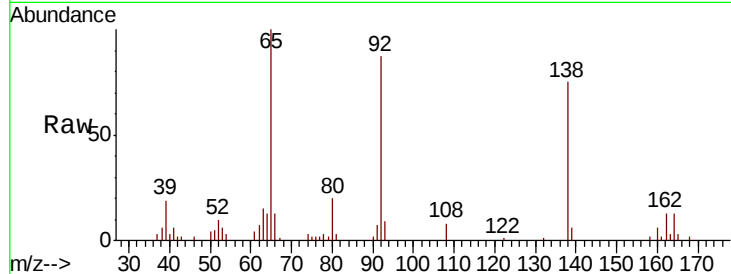
#53
3-Nitroaniline
Concen: 19.693 ng
RT: 9.74 min Scan# 1301
Delta R.T. 0.01 min
Lab File: BF117677.D
Acq: 1 Nov 2019 13:30

Instrument :
BNA_F
ClientSampleId :
OR-03-102919MS

Tot Ion	Ratio	Lower	Upper
138	100		
108	11.2	8.7	13.1
92	115.0	98.4	147.6

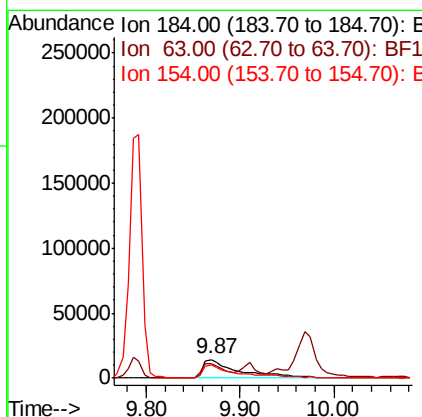
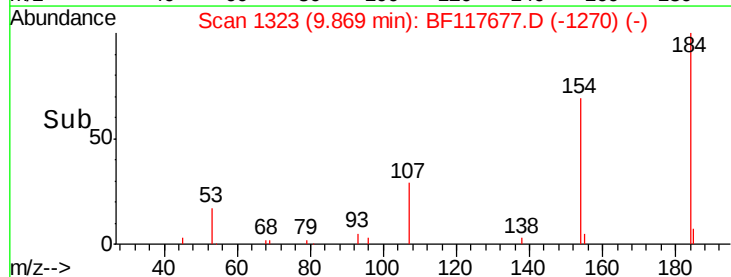
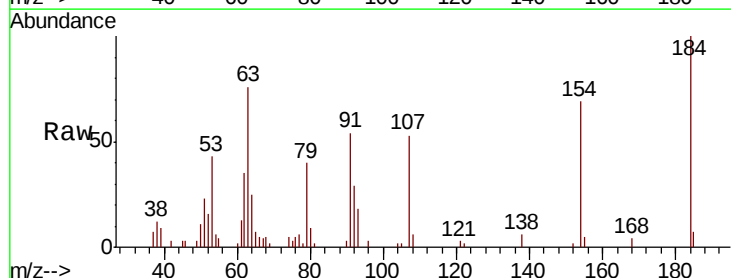
Manual Integrations
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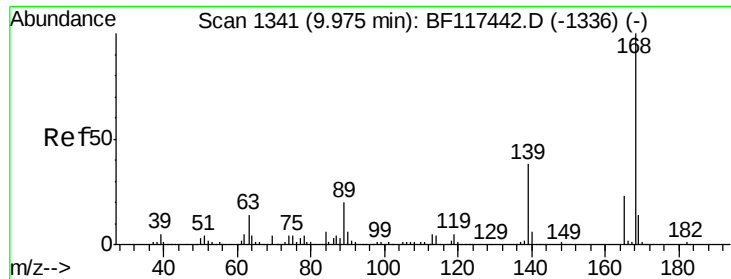
mohammad
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#54
2,4-Dinitrophenol
Concen: 90.792 ng
RT: 9.87 min Scan# 1323
Delta R.T. 0.01 min
Lab File: BF117677.D
Acq: 1 Nov 2019 13:30

Tgt Ion	Ratio	Lower	Upper
184	100		
63	75.8	59.2	88.8
154	68.9	53.4	80.0





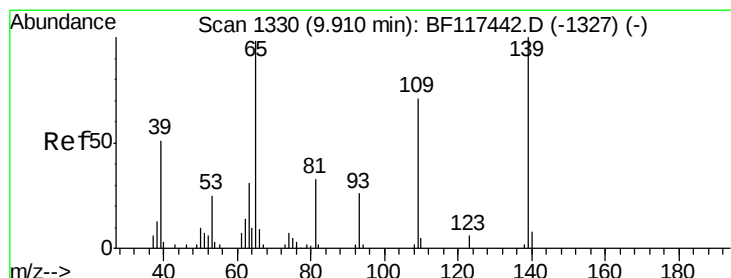
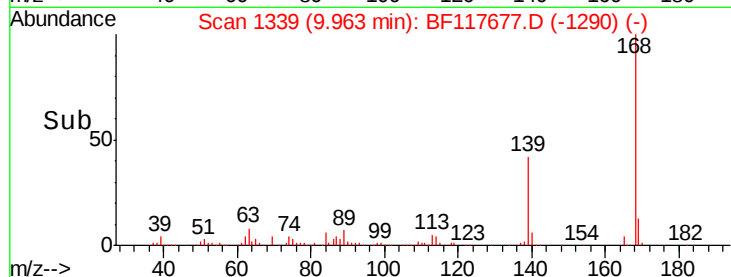
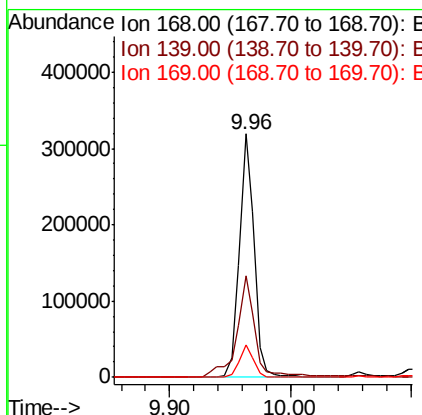
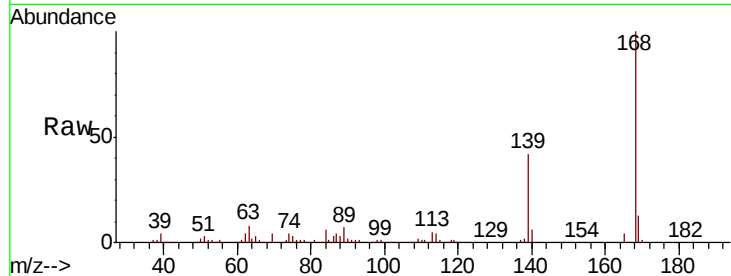
#55
Dibenzofuran
Concen: 48.712 ng
RT: 9.96 min Scan# 1339
Delta R.T. -0.01 min
Lab File: BF117677.D
Acq: 1 Nov 2019 13:30

Instrument :
BNA_F
ClientSampleId :
OR-03-102919MS

Tot Ion	Ratio	Lower	Upper
168	100		
139	41.8	31.8	47.6
169	13.1	11.2	16.8

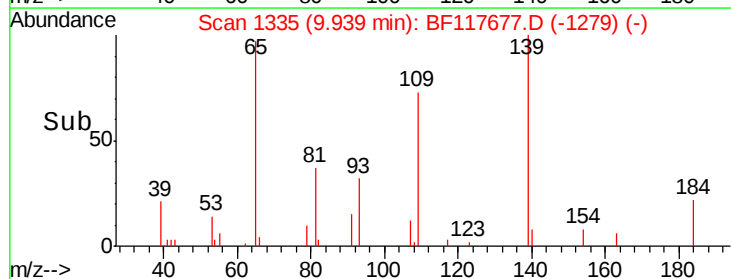
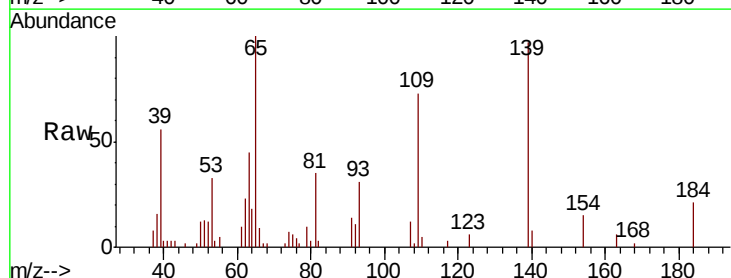
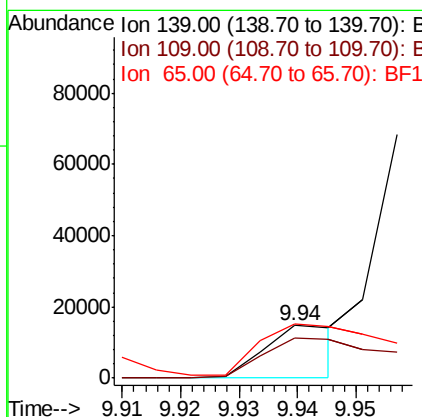
Manual Integrations
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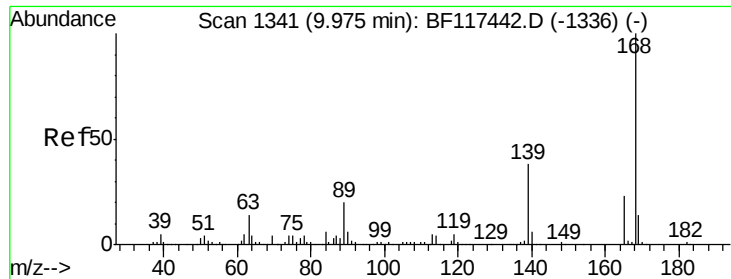
mohammad
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#56
4-Nitrophenol
Concen: 25.641 ng m
RT: 9.94 min Scan# 1335
Delta R.T. 0.03 min
Lab File: BF117677.D
Acq: 1 Nov 2019 13:30

Tgt Ion	Ratio	Lower	Upper
139	100		
109	75.4	51.4	91.4
65	103.1	79.4	119.4





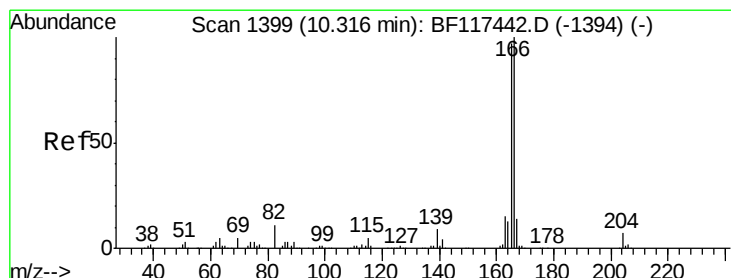
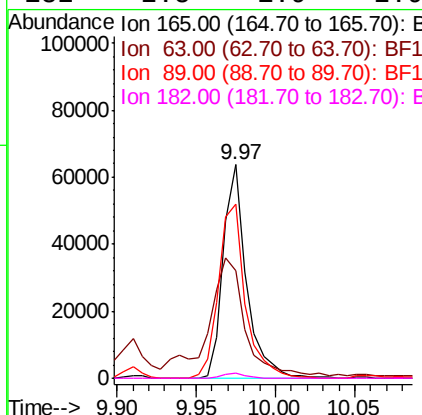
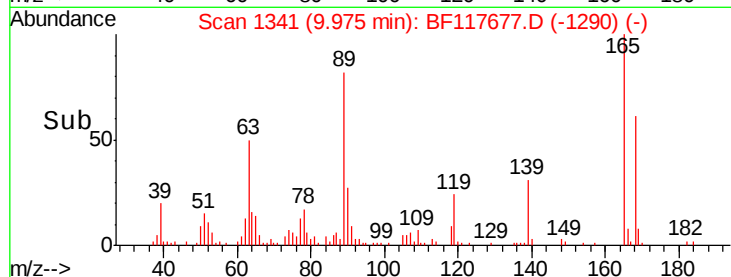
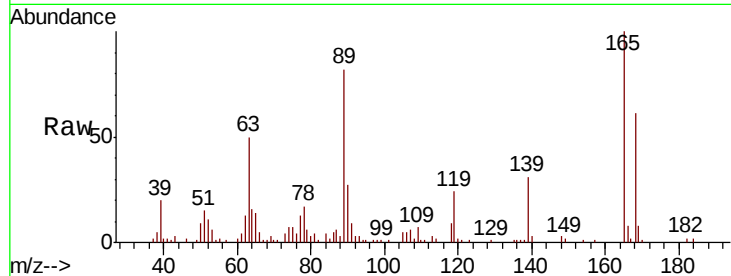
#57
 2,4-Dinitrotoluene
 Concen: 47.679 ng
 RT: 9.97 min Scan# 1341
 Delta R.T. 0.00 min
 Lab File: BF117677.D
 Acq: 1 Nov 2019 13:30

Instrument :
 BNA_F
 ClientSampleId :
 OR-03-102919MS

Tot Ion	Ratio	Resp	Lower	Upper
165	100	64802		
63	50.1		51.4	77.0#
89	81.6		69.9	104.9
182	2.5		1.9	2.9

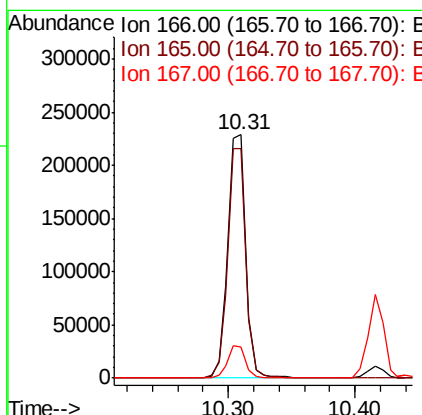
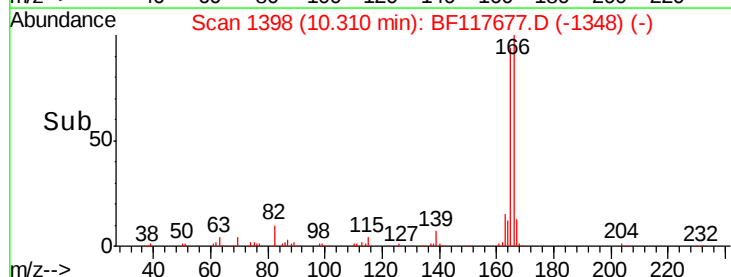
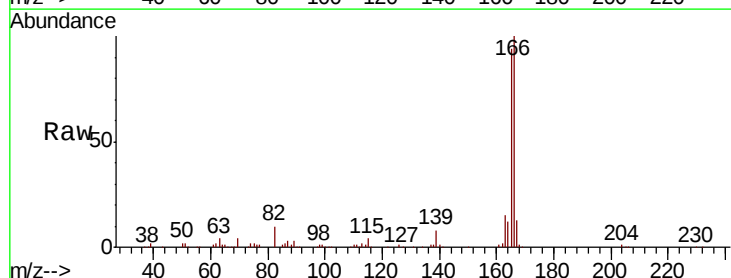
Manual Integrations
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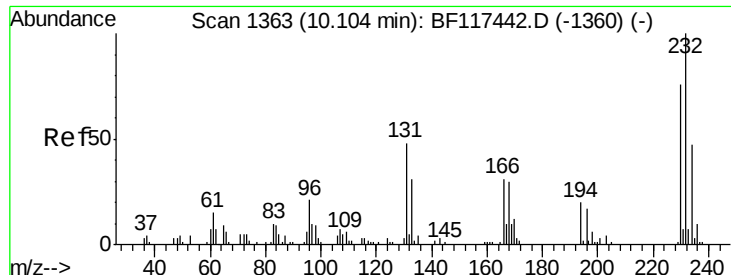
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#58
 Fluorene
 Concen: 48.136 ng
 RT: 10.31 min Scan# 1398
 Delta R.T. -0.01 min
 Lab File: BF117677.D
 Acq: 1 Nov 2019 13:30

Tgt Ion	Ratio	Resp	Lower	Upper
166	100	222928		
165	94.2		77.6	116.4
167	12.7		11.0	16.4





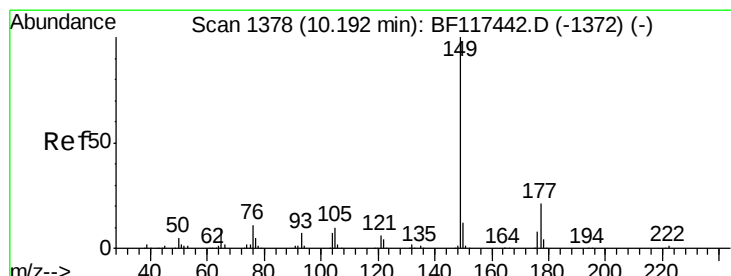
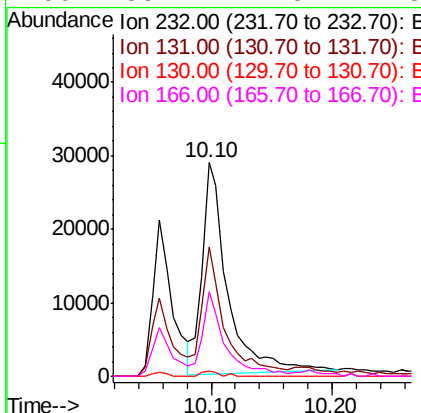
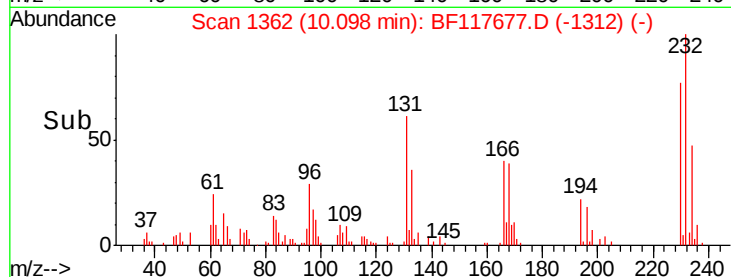
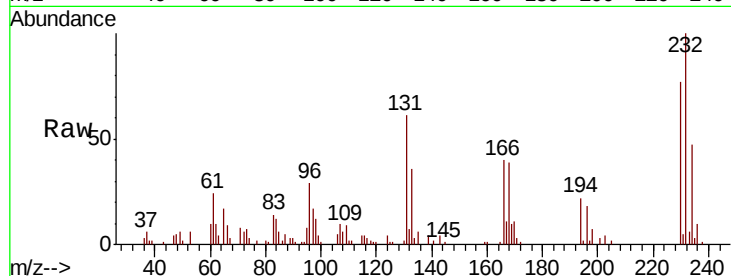
#59
2,3,4,6-Tetrachlorophenol
Concen: 44.928 ng
RT: 10.10 min Scan# 1362
Delta R.T. -0.01 min
Lab File: BF117677.D
Acq: 1 Nov 2019 13:30

Instrument :
BNA_F
ClientSampleId :
OR-03-102919MS

Tot Ion	Ratio	Lower	Upper
232	100		
131	53.8	42.6	63.8
130	1.9	2.2	3.4
166	33.1	27.5	41.3

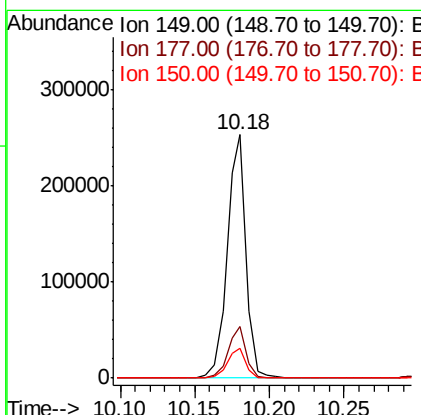
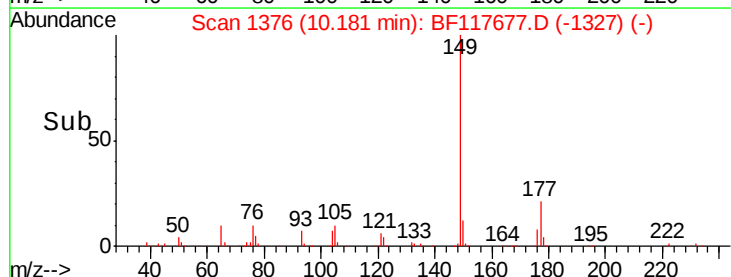
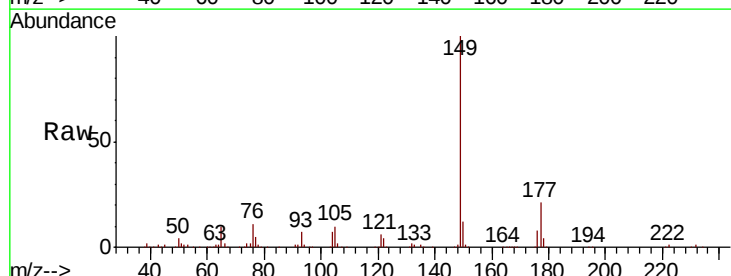
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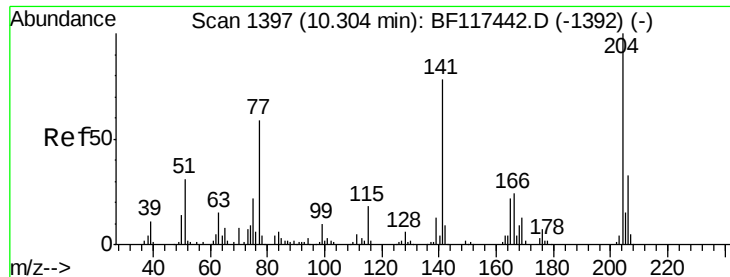
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#60
Diethylphthalate
Concen: 45.401 ng
RT: 10.18 min Scan# 1376
Delta R.T. -0.01 min
Lab File: BF117677.D
Acq: 1 Nov 2019 13:30

Tgt Ion	Ratio	Lower	Upper
149	100		
177	21.0	17.0	25.4
150	12.1	9.8	14.6





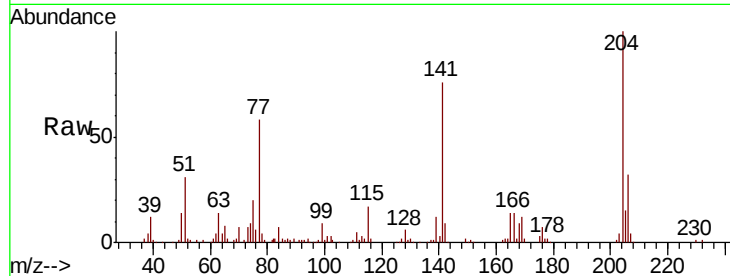
#61
4-Chlorophenyl-phenylether
Concen: 45.788 ng
RT: 10.29 min Scan# 1395
Delta R.T. -0.01 min
Lab File: BF117677.D
Acq: 1 Nov 2019 13:30

Instrument :
BNA_F
ClientSampleId :
OR-03-102919MS

Tot Ion	Ratio	Lower	Upper
204	100		
206	32.0	26.3	39.5
141	76.1	62.2	93.4

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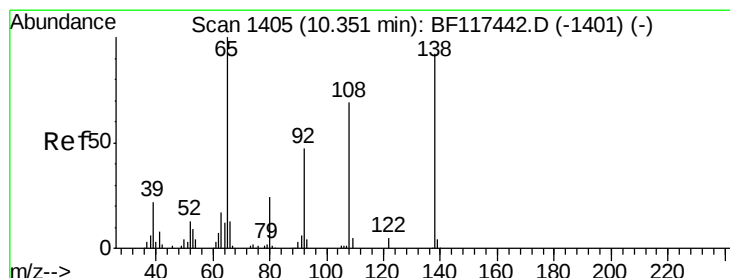
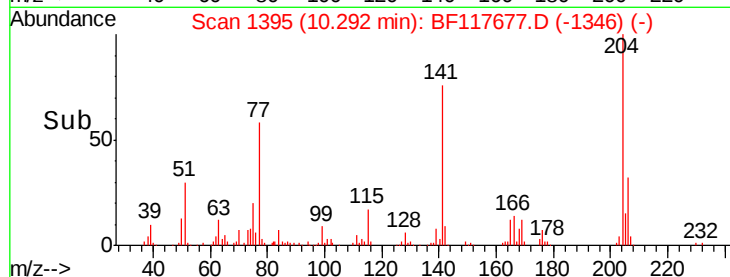
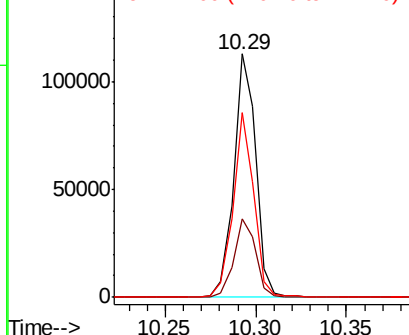


Abundance

Ion 204.00 (203.70 to 204.70): E

Ion 206.00 (205.70 to 206.70): E

Ion 141.00 (140.70 to 141.70): E



#62
4-Nitroaniline
Concen: 40.676 ng
RT: 10.35 min Scan# 1405
Delta R.T. 0.00 min
Lab File: BF117677.D
Acq: 1 Nov 2019 13:30

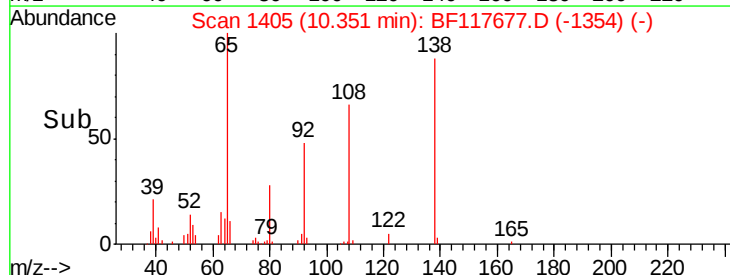
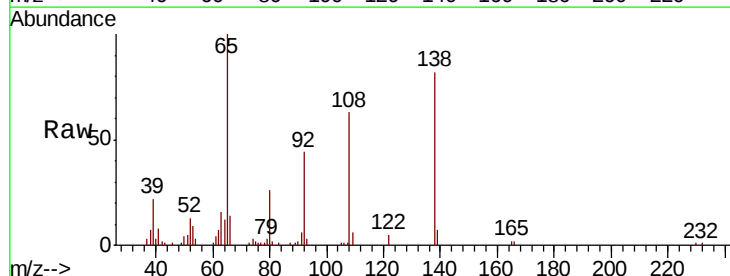
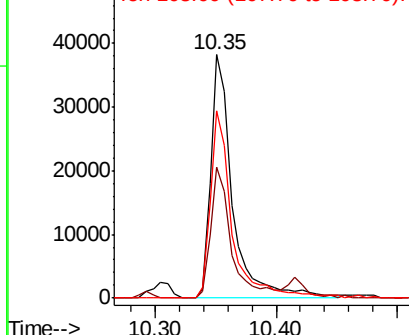
Tgt Ion	Ratio	Lower	Upper
138	100		
92	54.0	30.3	70.3
108	77.2	54.9	94.9

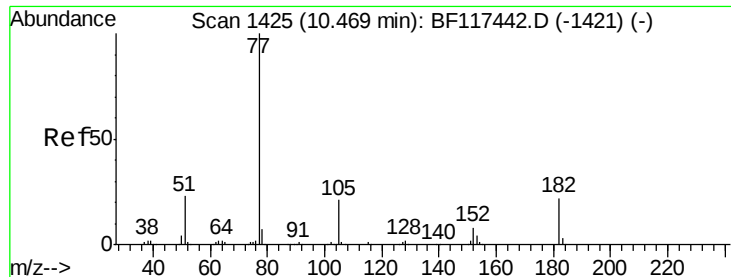
Abundance

Ion 138.00 (137.70 to 138.70): E

Ion 92.00 (91.70 to 92.70): BF1

Ion 108.00 (107.70 to 108.70): E





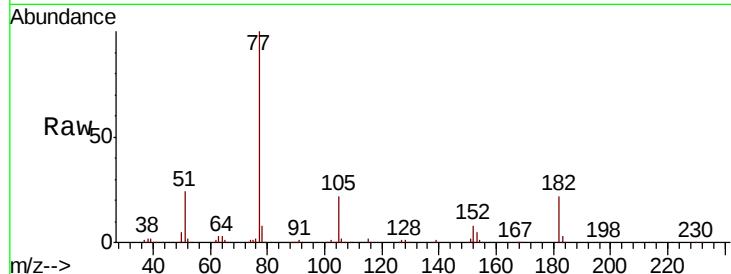
#63
Azobenzene
Concen: 47.741 ng
RT: 10.46 min Scan# 1423
Delta R.T. -0.01 min
Lab File: BF117677.D
Acq: 1 Nov 2019 13:30

Instrument :
BNA_F
ClientSampleId :
OR-03-102919MS

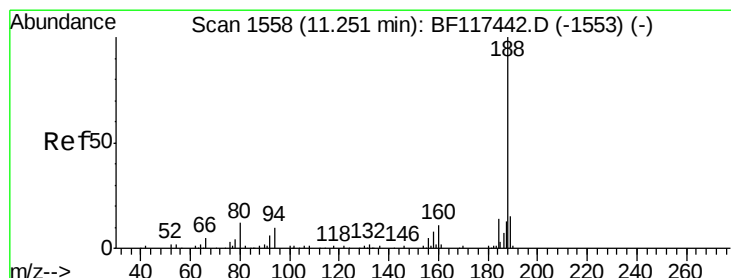
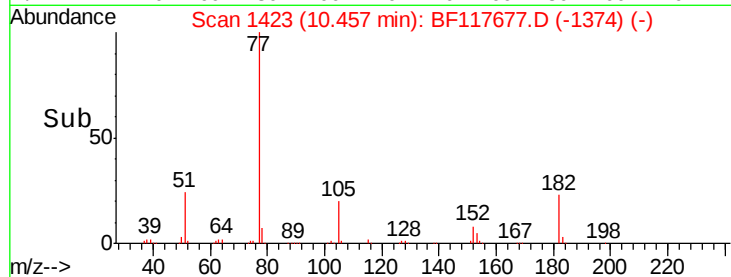
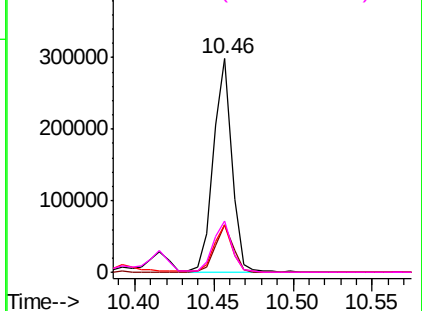
Tot Ion	Ion	Ratio	Lower	Upper
77	100			
182	22.5	2.3	42.3	
105	22.1	1.3	41.3	
51	24.2	3.5	43.5	

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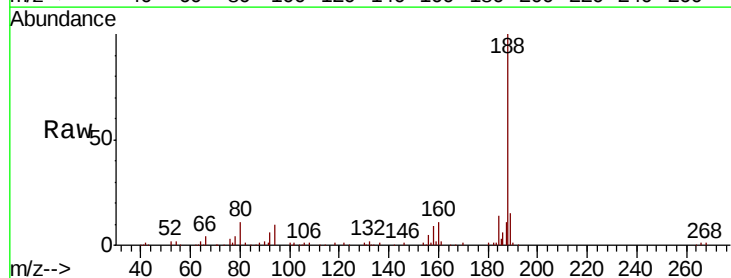


Abundance Ion 77.00 (76.70 to 77.70): BF1
Ion 182.00 (181.70 to 182.70): E
Ion 105.00 (104.70 to 105.70): E
Ion 51.00 (50.70 to 51.70): BF1

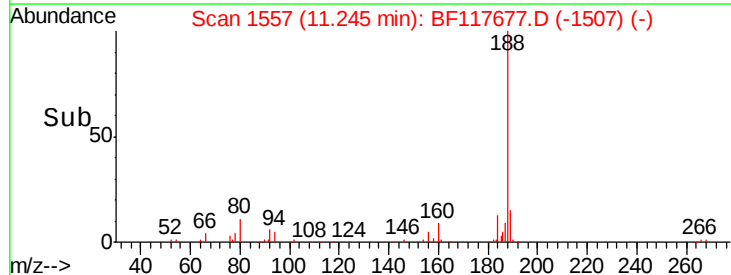
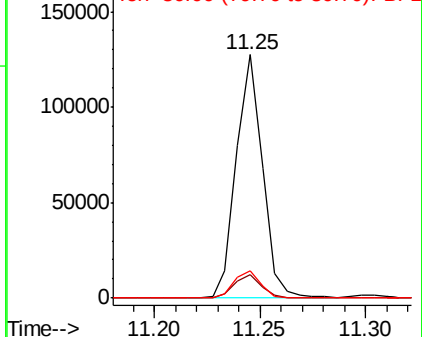


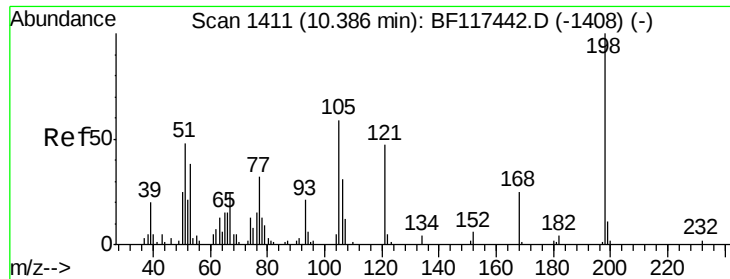
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.25 min Scan# 1557
Delta R.T. -0.01 min
Lab File: BF117677.D
Acq: 1 Nov 2019 13:30

Tgt Ion	Ion	Ratio	Lower	Upper
188	100			
94	9.8	8.0	12.0	
80	11.1	9.5	14.3	



Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BF1
Ion 80.00 (79.70 to 80.70): BF1





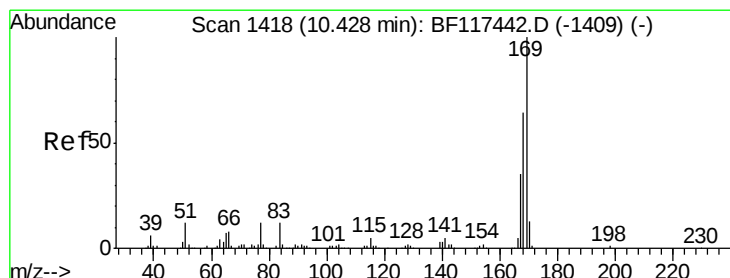
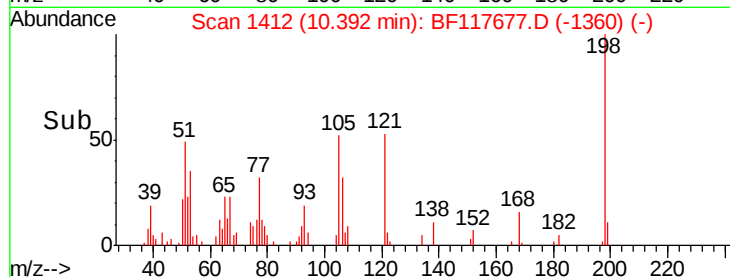
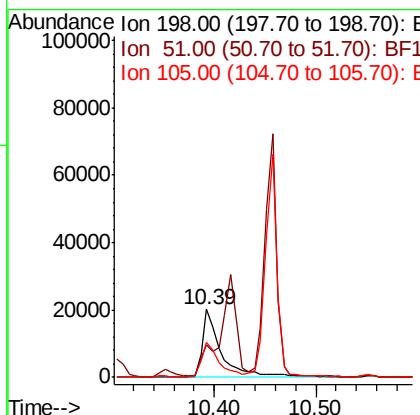
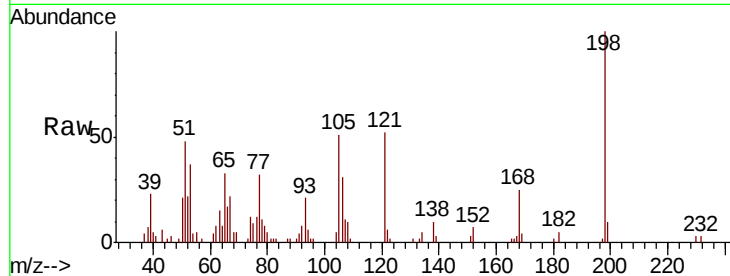
#65
4,6-Dinitro-2-methylphenol
Concen: 46.826 ng
RT: 10.39 min Scan# 1412
Delta R.T. 0.01 min
Lab File: BF117677.D
Acq: 1 Nov 2019 13:30

Instrument :
BNA_F
ClientSampleId :
OR-03-102919MS

Tot Ion	Ratio	Resp	Lower	Upper
198	100	26091		
51	48.3	29.1	69.1	
105	51.1	39.4	79.4	

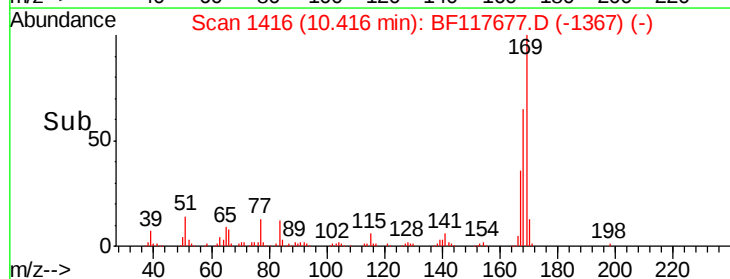
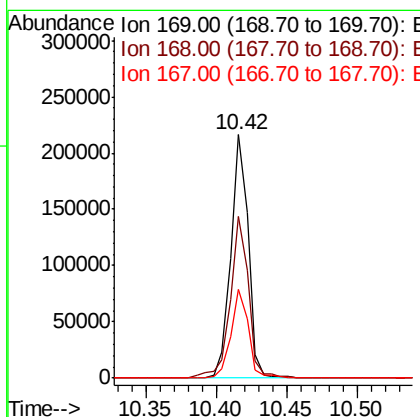
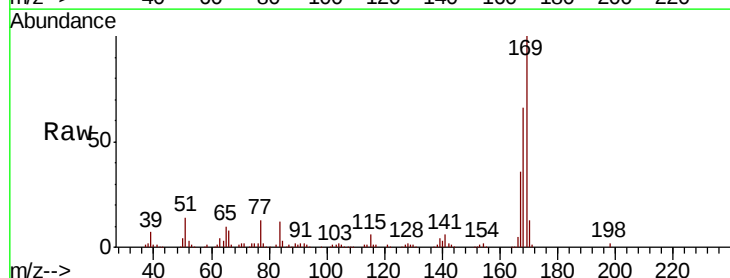
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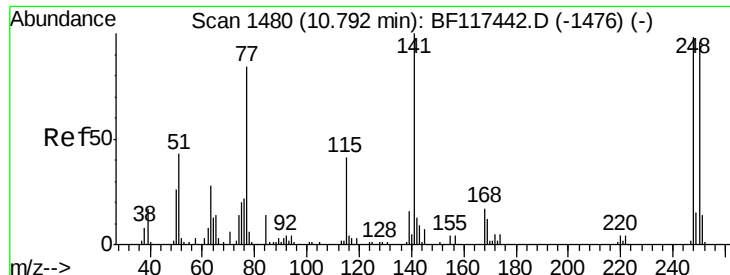
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#66
n-Nitrosodiphenylamine
Concen: 46.333 ng
RT: 10.42 min Scan# 1416
Delta R.T. -0.01 min
Lab File: BF117677.D
Acq: 1 Nov 2019 13:30

Tgt Ion	Ratio	Resp	Lower	Upper
169	100	185630		
168	66.2	51.3	76.9	
167	36.3	28.2	42.4	





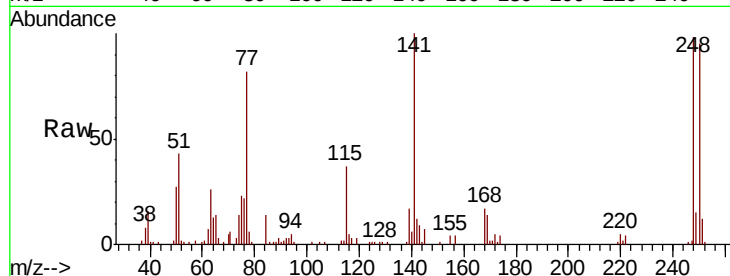
#67
 4-Bromophenyl-phenylether
 Concen: 43.268 ng
 RT: 10.78 min Scan# 1478
 Delta R.T. -0.01 min
 Lab File: BF117677.D
 Acq: 1 Nov 2019 13:30

Instrument :
 BNA_F
 ClientSampleId :
 OR-03-102919MS

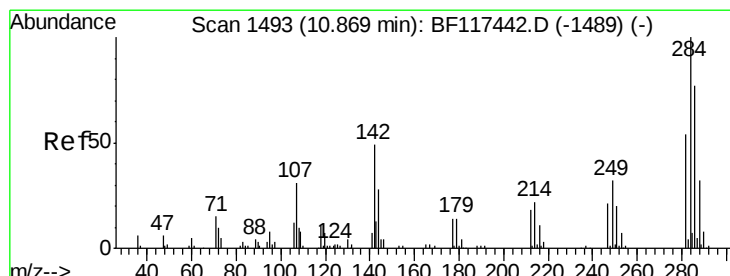
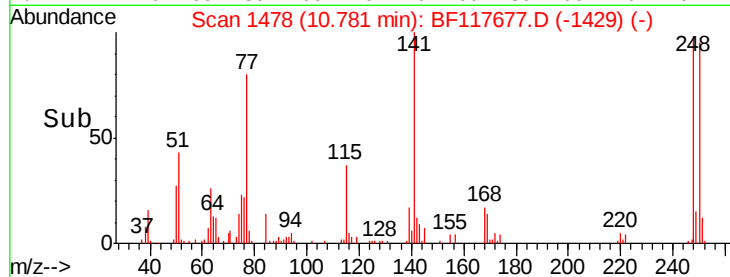
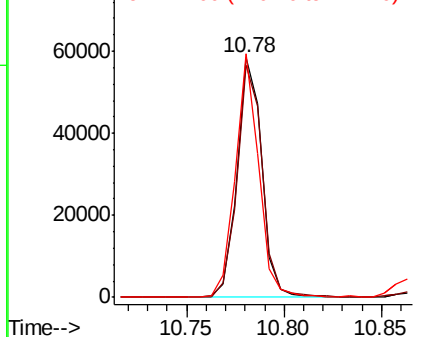
Tot Ion:	248	Resp:	51074
Ion Ratio	Lower	Upper	
248	100		
250	96.8	78.0	117.0
141	101.6	81.7	122.5

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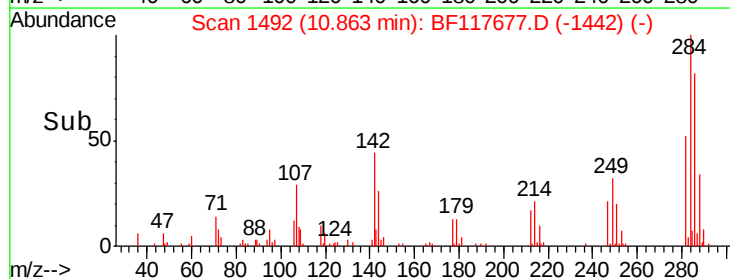
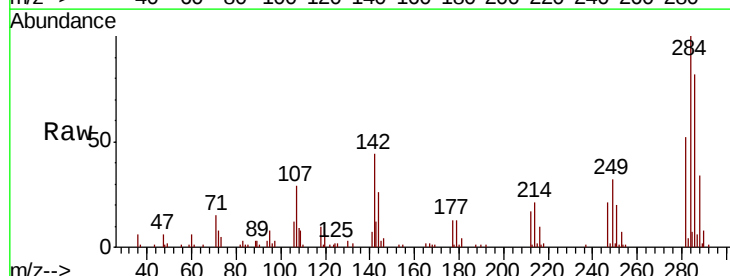
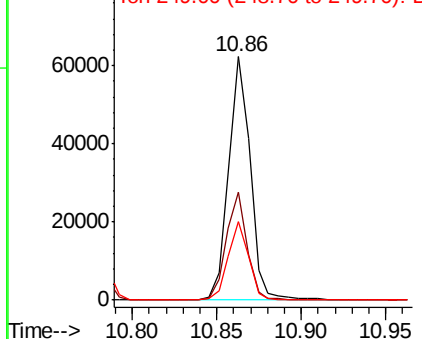
Abundance Ion 248.00 (247.70 to 248.70): E
 Ion 250.00 (249.70 to 250.70): E
 Ion 141.00 (140.70 to 141.70): E

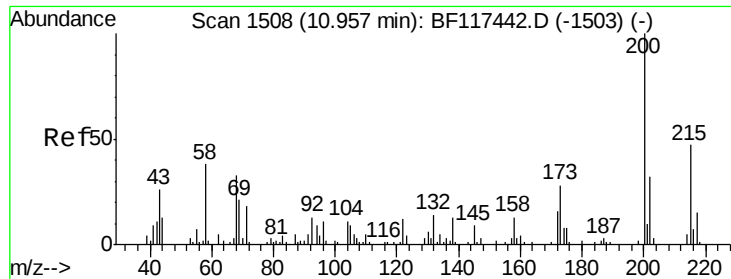


#68
 Hexachlorobenzene
 Concen: 43.633 ng
 RT: 10.86 min Scan# 1492
 Delta R.T. -0.01 min
 Lab File: BF117677.D
 Acq: 1 Nov 2019 13:30

Tgt Ion:	284	Resp:	55159
Ion Ratio	Lower	Upper	
284	100		
142	44.3	39.0	58.6
249	32.4	25.7	38.5

Abundance Ion 283.80 (283.50 to 284.50): E
 Ion 142.00 (141.70 to 142.70): E
 Ion 249.00 (248.70 to 249.70): E





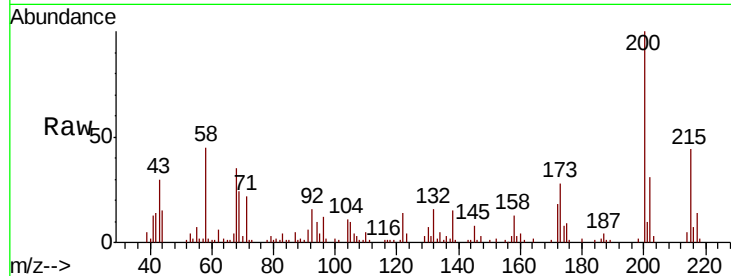
#69
Atrazine
Concen: 52.379 ng
RT: 10.95 min Scan# 1507
Delta R.T. -0.01 min
Lab File: BF117677.D
Acq: 1 Nov 2019 13:30

Instrument :
BNA_F
ClientSampleId :
OR-03-102919MS

Tot Ion	Ratio	Lower	Upper
200	100		
173	28.4	8.2	48.2
215	44.0	26.8	66.8

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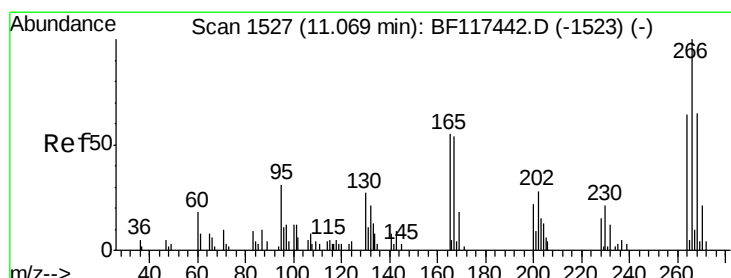
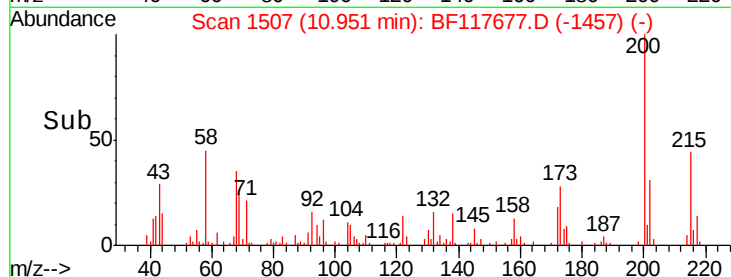
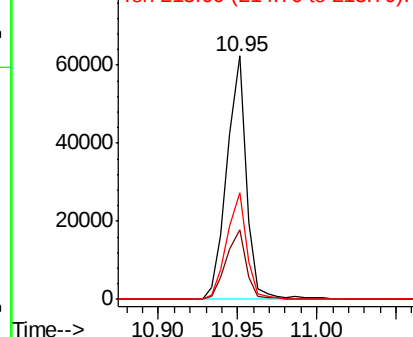


Abundance

Ion 200.00 (199.70 to 200.70): E

Ion 173.00 (172.70 to 173.70): E

Ion 215.00 (214.70 to 215.70): E



#70
Pentachlorophenol
Concen: 62.036 ng
RT: 11.07 min Scan# 1528
Delta R.T. 0.01 min
Lab File: BF117677.D
Acq: 1 Nov 2019 13:30

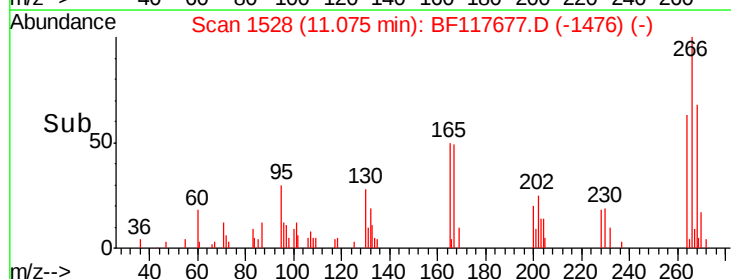
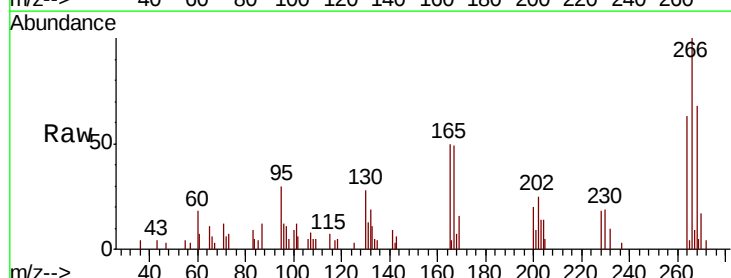
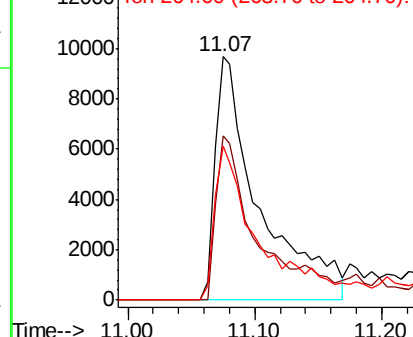
Tgt Ion	Ratio	Lower	Upper
266	100		
268	67.7	51.6	77.4
264	63.4	51.4	77.2

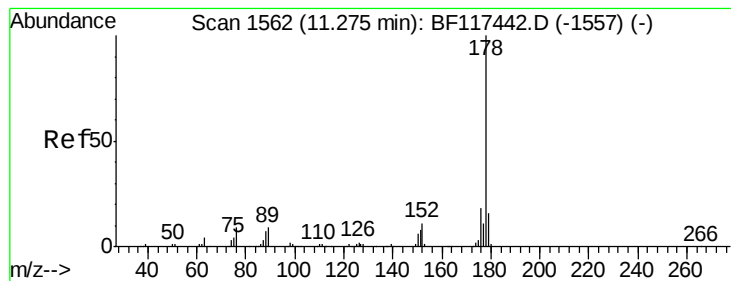
Abundance

Ion 265.70 (265.40 to 266.40): E

Ion 268.00 (267.70 to 268.70): E

Ion 264.00 (263.70 to 264.70): E





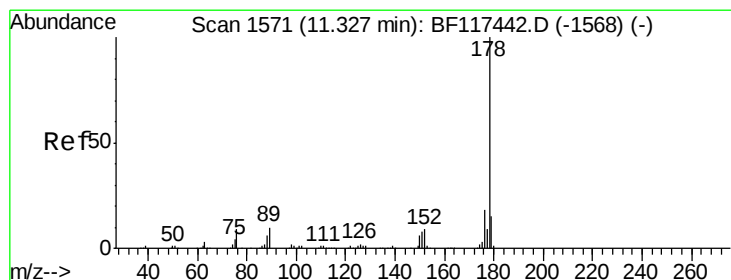
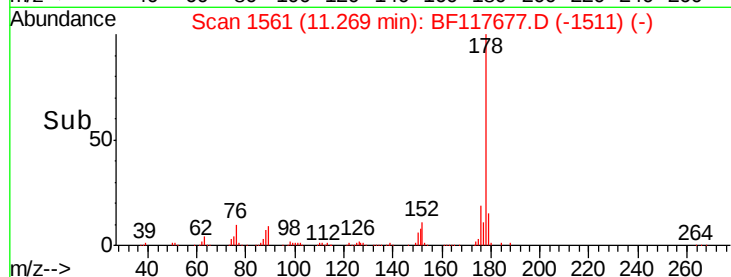
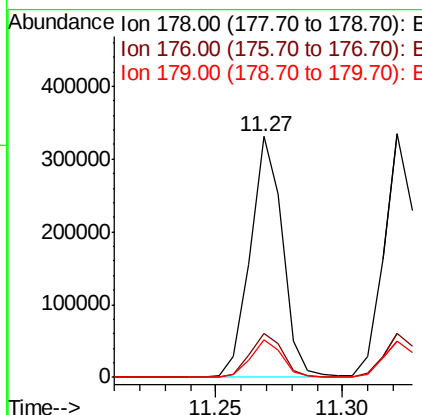
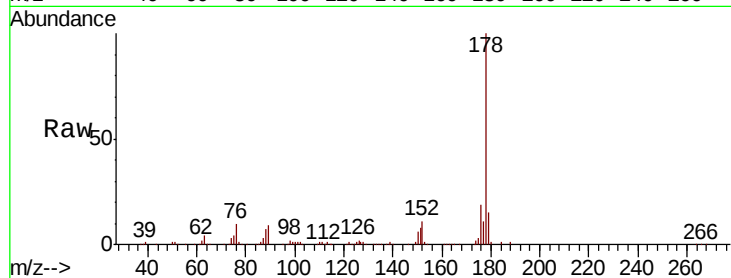
#71
Phenanthrene
Concen: 46.422 ng
RT: 11.27 min Scan# 1561
Delta R.T. -0.01 min
Lab File: BF117677.D
Acq: 1 Nov 2019 13:30

Instrument :
BNA_F
ClientSampleId :
OR-03-102919MS

Tot Ion	Ratio	Lower	Upper
178	100		
176	18.5	14.6	22.0
179	15.3	12.6	19.0

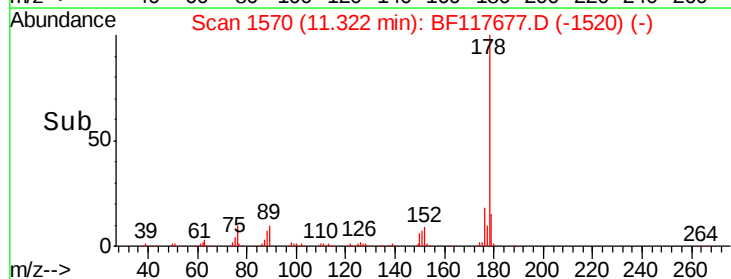
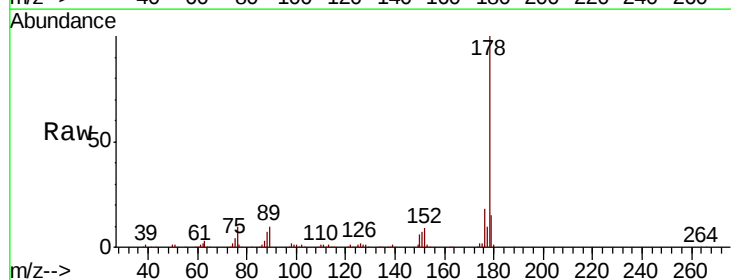
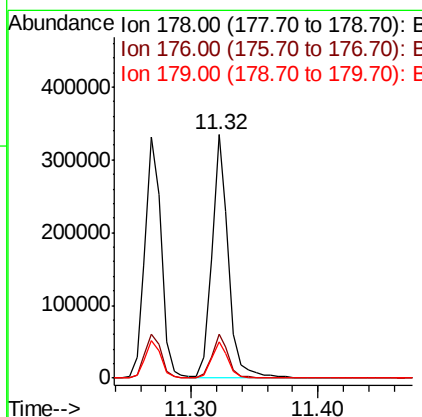
Manual Integrations
APPROVED

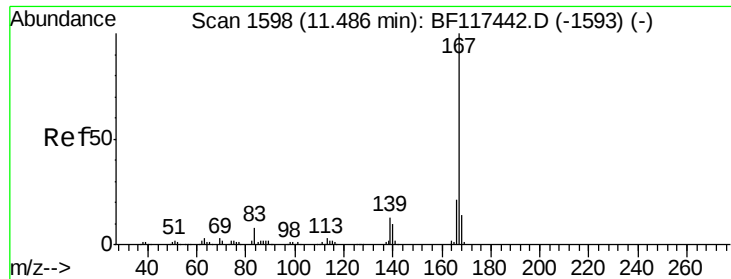
mohammad
11/4/2019 12:49:57 PM



#72
Anthracene
Concen: 47.025 ng
RT: 11.32 min Scan# 1570
Delta R.T. -0.01 min
Lab File: BF117677.D
Acq: 1 Nov 2019 13:30

Tgt Ion	Ratio	Lower	Upper
178	100		
176	18.0	14.7	22.1
179	15.1	12.2	18.2





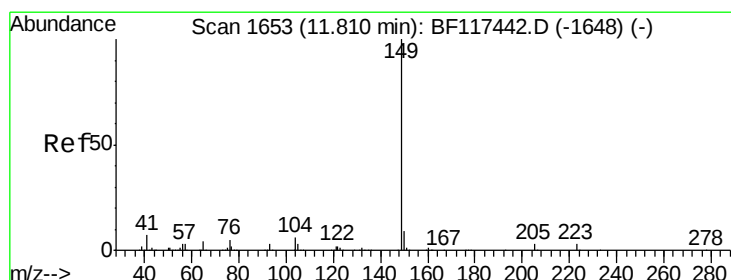
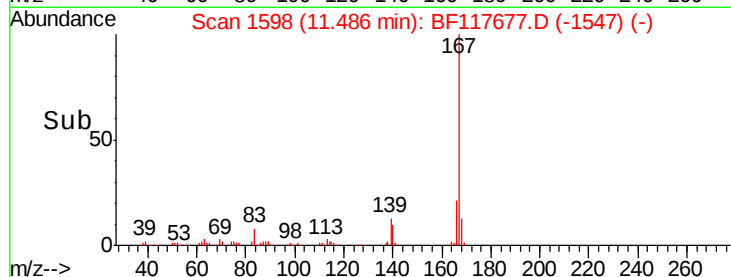
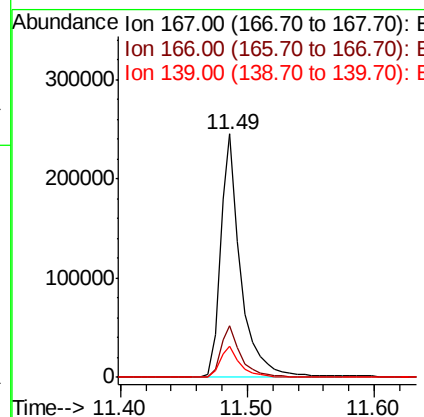
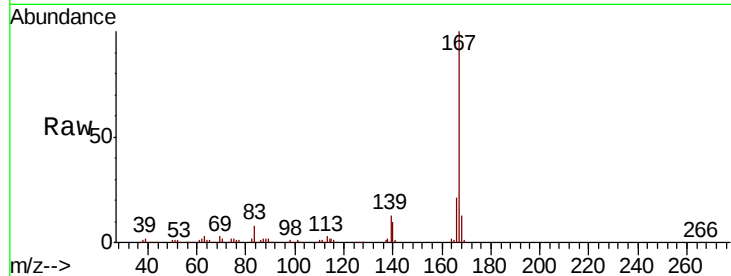
#73
 Carbazole
 Concen: 45.820 ng
 RT: 11.49 min Scan# 1598
 Delta R.T. 0.00 min
 Lab File: BF117677.D
 Acq: 1 Nov 2019 13:30

Instrument :
 BNA_F
 ClientSampleId :
 OR-03-102919MS

Tot Ion	Ion	Ratio	Resp	Lower	Upper
167	100		273410		
166	21.4		17.0	25.6	
139	13.0		10.6	16.0	

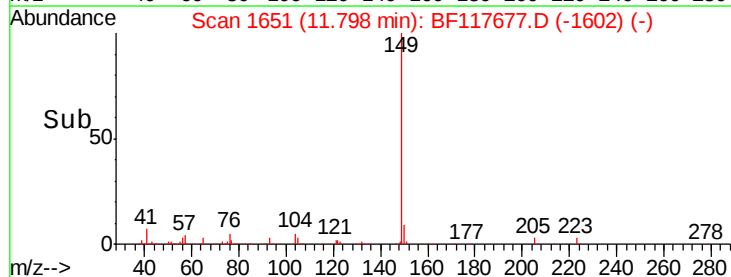
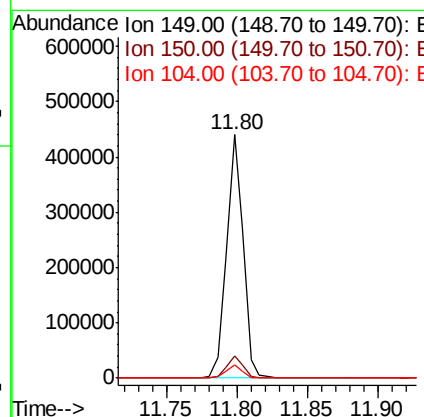
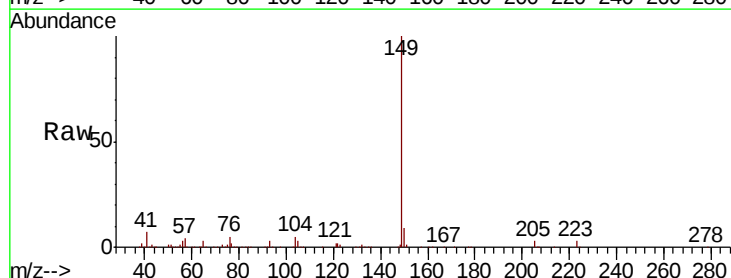
Manual Integrations
 APPROVED

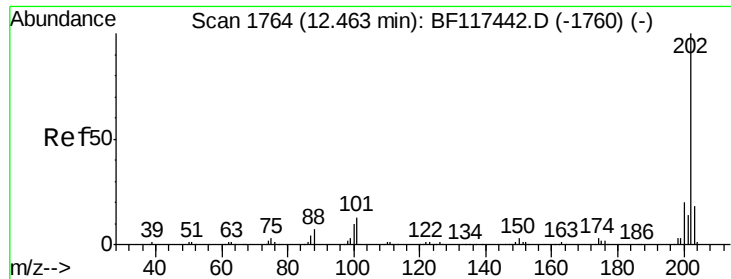
mohammad
 11/4/2019 12:49:57 PM



#74
 Di-n-butylphthalate
 Concen: 44.804 ng
 RT: 11.80 min Scan# 1651
 Delta R.T. -0.01 min
 Lab File: BF117677.D
 Acq: 1 Nov 2019 13:30

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
149	100		357218		
150	9.0		7.5	11.3	
104	5.3		4.6	6.8	





#75

Fluoranthene

Concen: 45.405 ng

RT: 12.46 min Scan# 1764

Delta R.T. 0.00 min

Lab File: BF117677.D

Acq: 1 Nov 2019 13:30

Instrument :

BNA_F

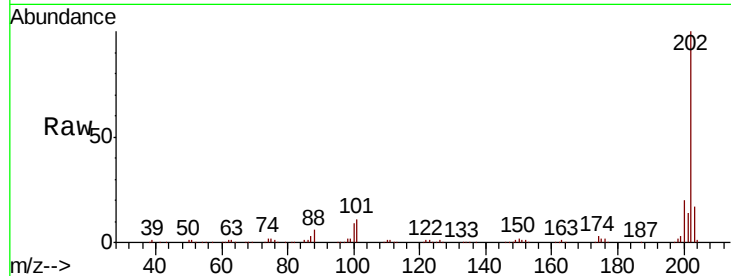
ClientSampleId :

OR-03-102919MS

Tot Ion	Ratio	Resp	Lower	Upper
202	100	289251		
101	11.0	0.0	32.7	
203	17.1	0.0	37.6	

Manual Integrations
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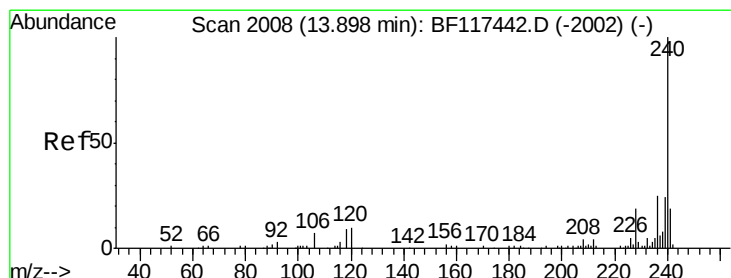
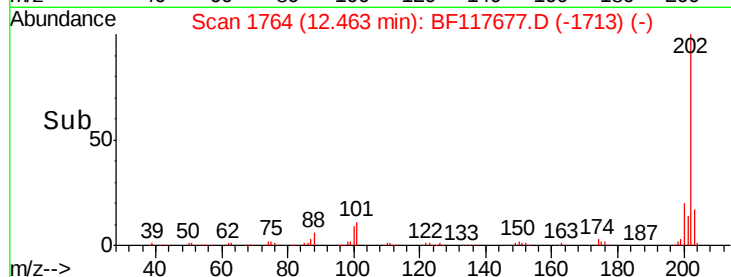
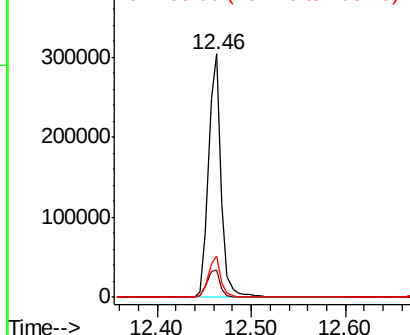


Abundance

Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E



#76

Chrysene-d12

Concen: 20.000 ng

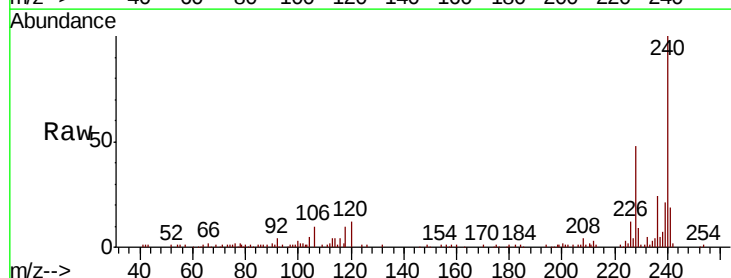
RT: 13.89 min Scan# 2007

Delta R.T. -0.01 min

Lab File: BF117677.D

Acq: 1 Nov 2019 13:30

Tgt Ion	Ratio	Resp	Lower	Upper
240	100	68308		
120	11.6	8.4	12.6	
236	24.0	20.0	30.0	

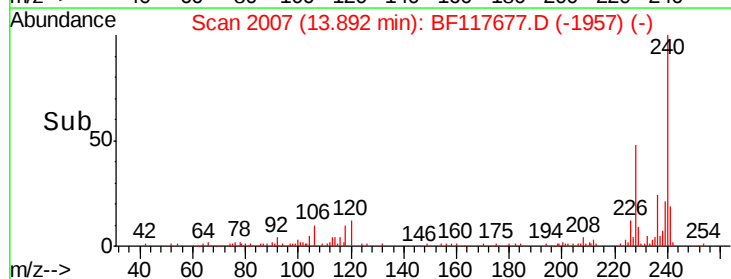
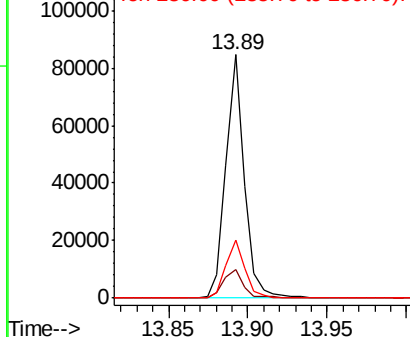


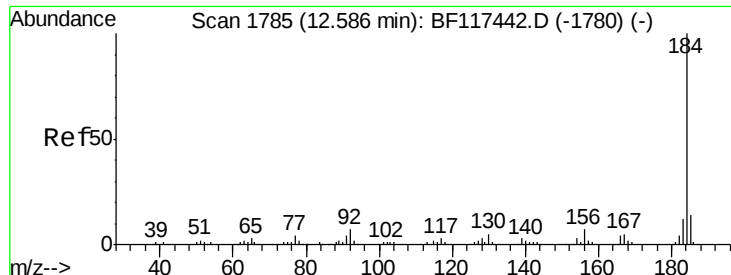
Abundance

Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





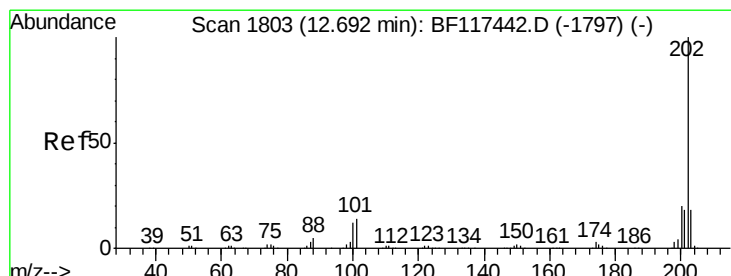
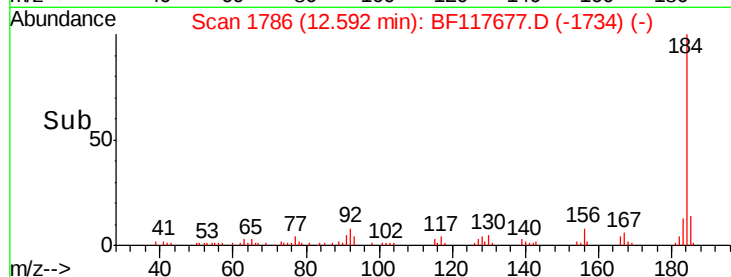
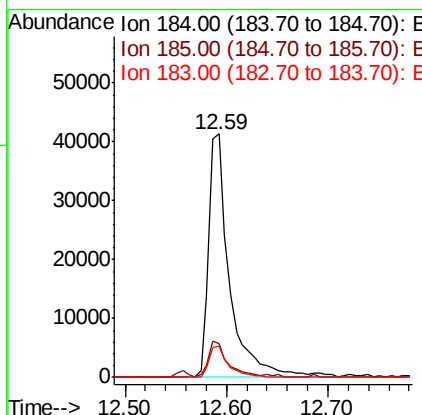
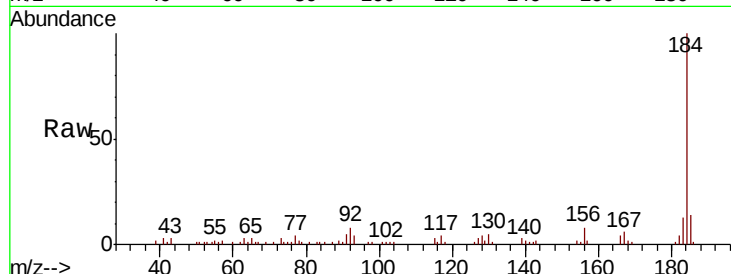
#77
Benzidine
Concen: 27.696 ng
RT: 12.59 min Scan# 1786
Delta R.T. 0.01 min
Lab File: BF117677.D
Acq: 1 Nov 2019 13:30

Instrument :
BNA_F
ClientSampleId :
OR-03-102919MS

Tot Ion	Ratio	Resp	Lower	Upper
184	100			
185	13.9		11.4	17.0
183	12.5		9.6	14.4

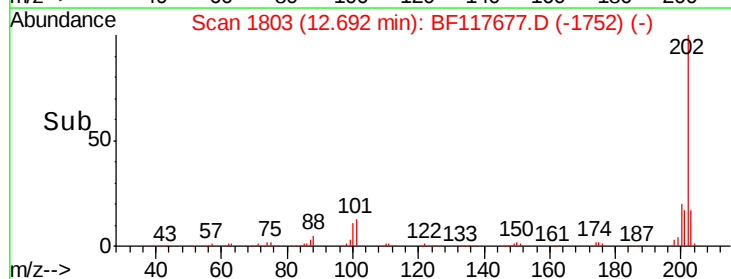
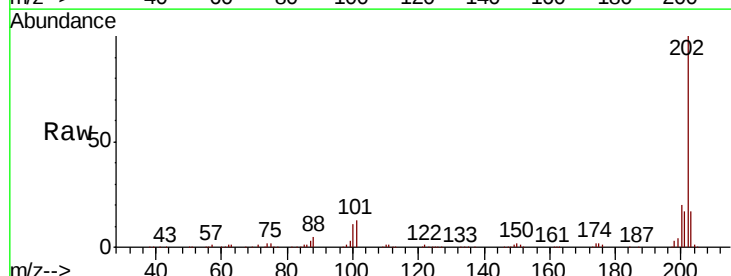
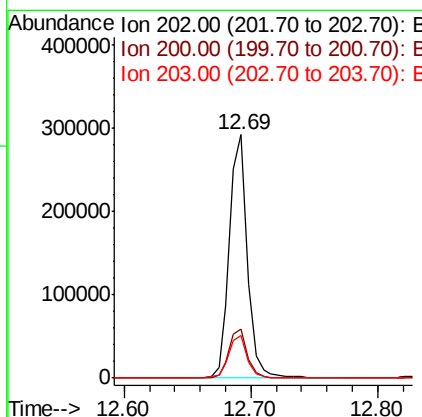
Manual Integrations
APPROVED

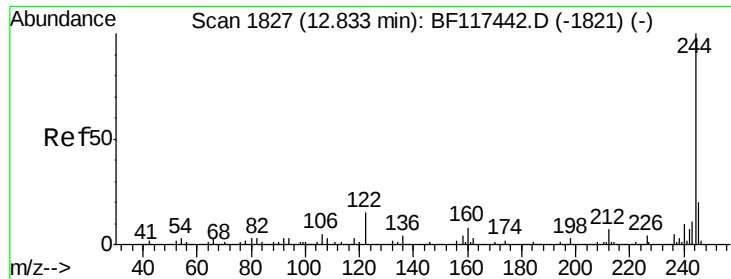
mohammad
11/4/2019 12:49:57 PM



#78
Pyrene
Concen: 48.795 ng
RT: 12.69 min Scan# 1803
Delta R.T. 0.00 min
Lab File: BF117677.D
Acq: 1 Nov 2019 13:30

Tgt Ion	Ratio	Resp	Lower	Upper
202	100			
200	20.3		16.2	24.2
203	17.4		14.0	21.0





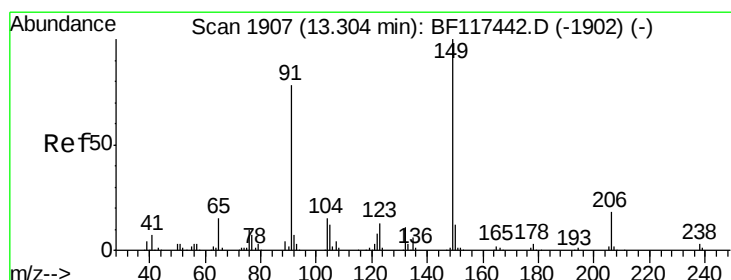
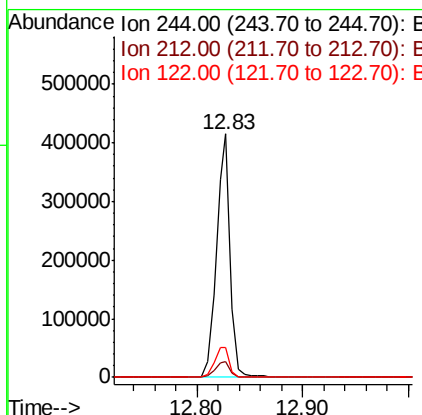
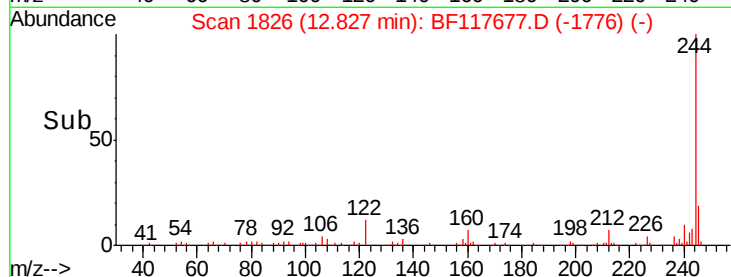
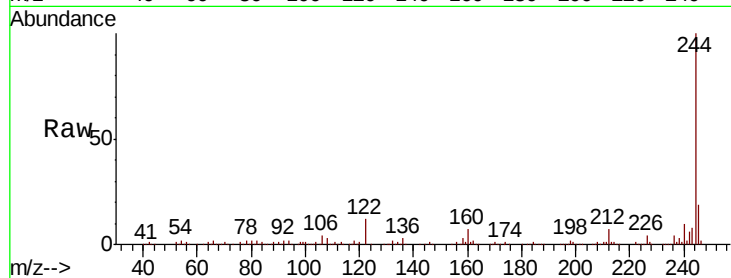
#79
 Terphenyl-d14
 Concen: 90.399 ng
 RT: 12.83 min Scan# 1826
 Delta R.T. -0.01 min
 Lab File: BF117677.D
 Acq: 1 Nov 2019 13:30

Instrument :
 BNA_F
 ClientSampleId :
 OR-03-102919MS

Tot Ion	Ratio	Lower	Upper
244	100		
212	6.5	5.8	8.6
122	12.2	11.8	17.8

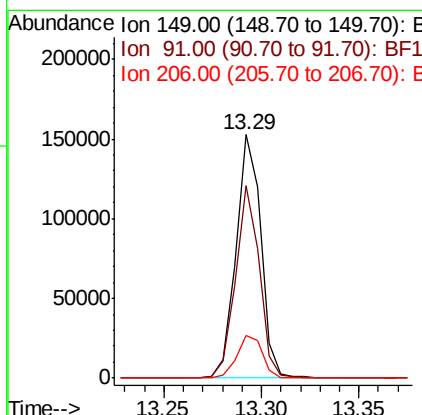
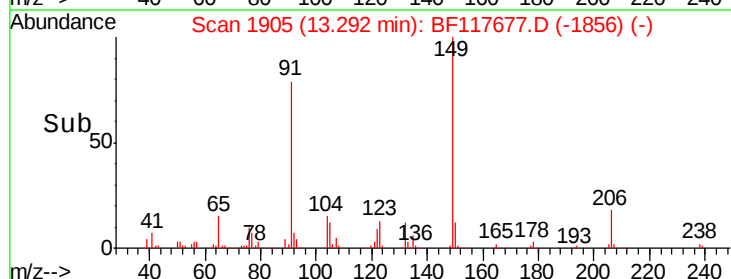
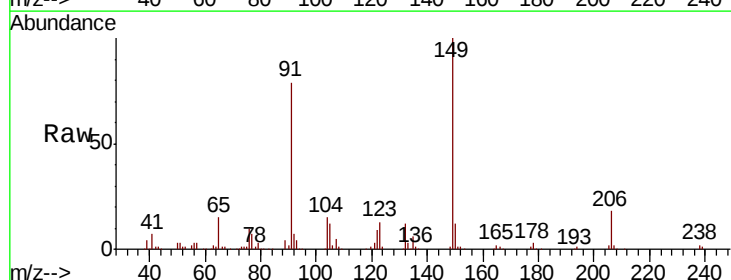
Manual Integrations
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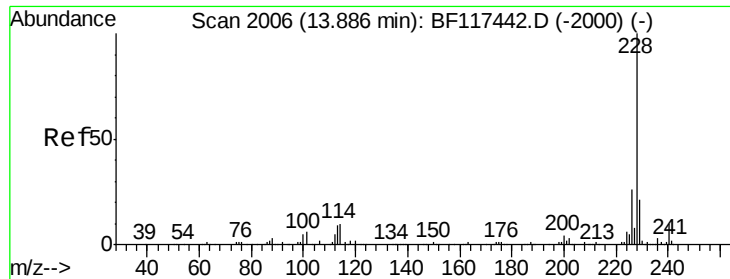
mohammad
 11/4/2019 12:49:57 PM



#80
 Butylbenzylphthalate
 Concen: 46.132 ng
 RT: 13.29 min Scan# 1905
 Delta R.T. -0.01 min
 Lab File: BF117677.D
 Acq: 1 Nov 2019 13:30

Tgt Ion	Ratio	Lower	Upper
149	100		
91	79.2	62.1	93.1
206	17.7	14.3	21.5





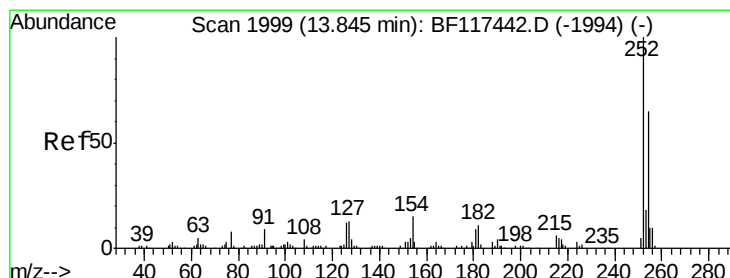
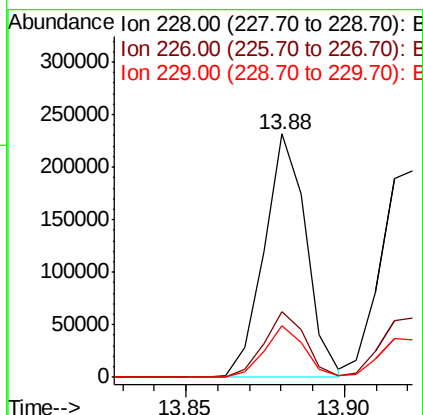
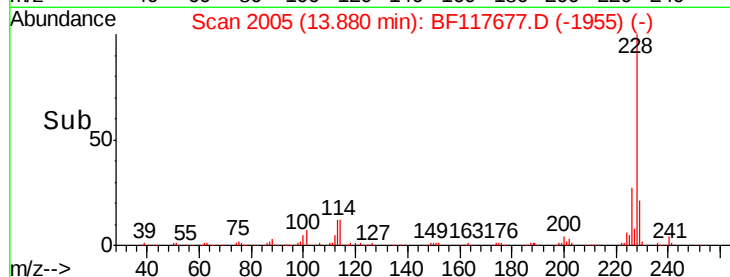
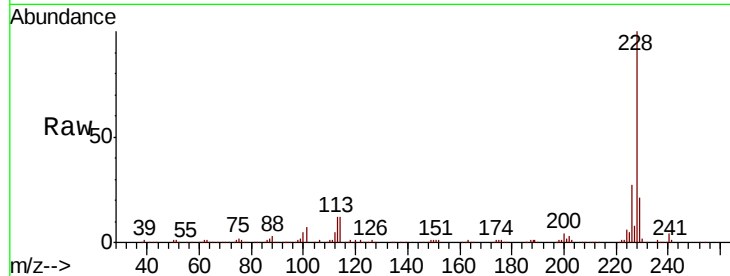
#81
Benzo(a)anthracene
Concen: 46.132 ng
RT: 13.88 min Scan# 2005
Delta R.T. -0.01 min
Lab File: BF117677.D
Acq: 1 Nov 2019 13:30

Instrument :
BNA_F
ClientSampleId :
OR-03-102919MS

Tot Ion	Ratio	Lower	Upper
228	100		
226	27.0	21.0	31.4
229	21.2	16.4	24.6

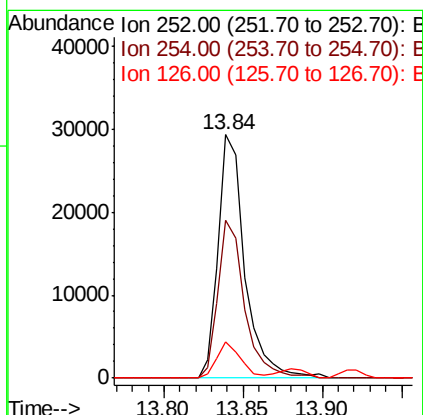
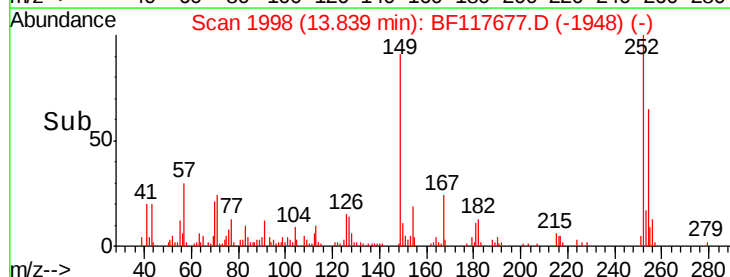
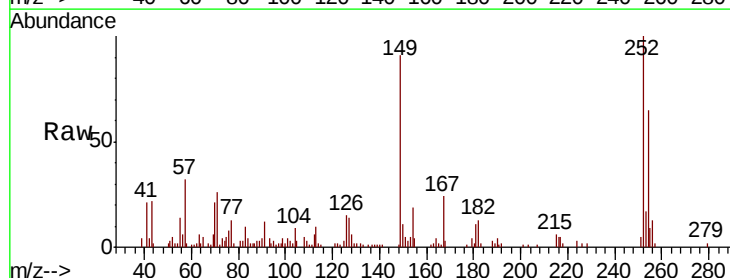
Manual Integrations
APPROVED

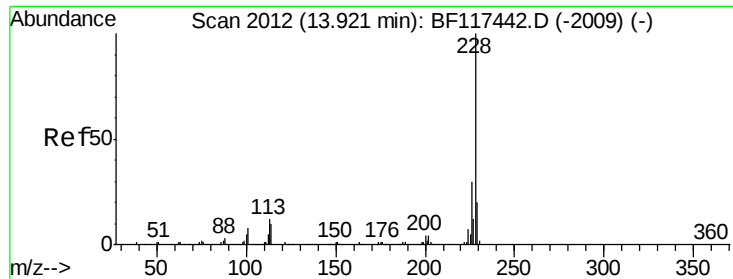
mohammad
11/4/2019 12:49:57 PM



#82
3,3'-Dichlorobenzidine
Concen: 23.769 ng
RT: 13.84 min Scan# 1998
Delta R.T. -0.01 min
Lab File: BF117677.D
Acq: 1 Nov 2019 13:30

Tgt Ion	Ratio	Lower	Upper
252	100		
254	64.7	52.2	78.4
126	14.7	9.2	13.8#





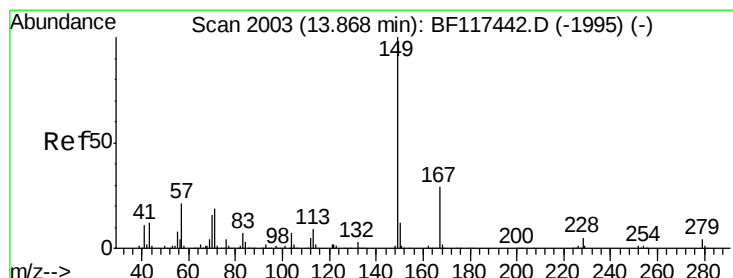
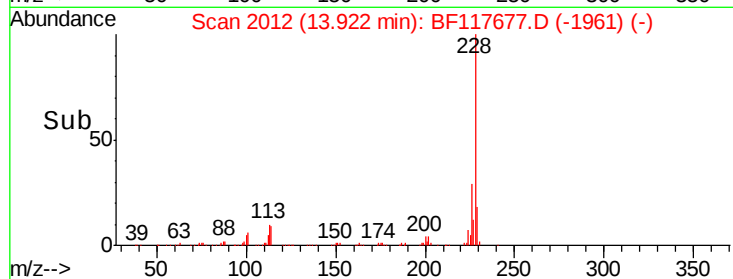
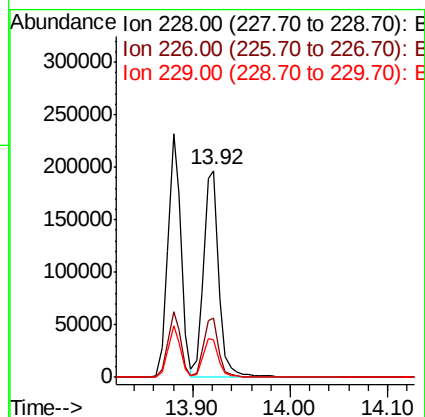
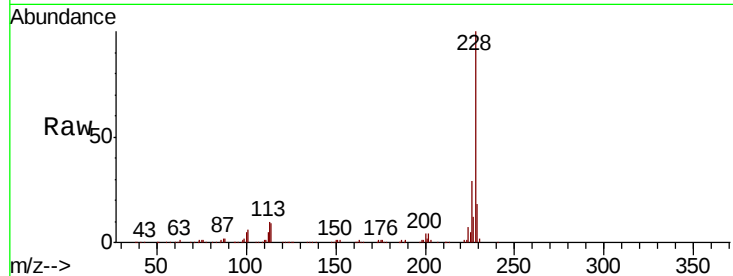
#83
Chrysene
Concen: 47.528 ng
RT: 13.92 min Scan# 2012
Delta R.T. 0.00 min
Lab File: BF117677.D
Acq: 1 Nov 2019 13:30

Instrument :
BNA_F
ClientSampleId :
OR-03-102919MS

Tot Ion	Ratio	Lower	Upper
228	100		
226	28.9	23.9	35.9
229	18.4	15.8	23.6

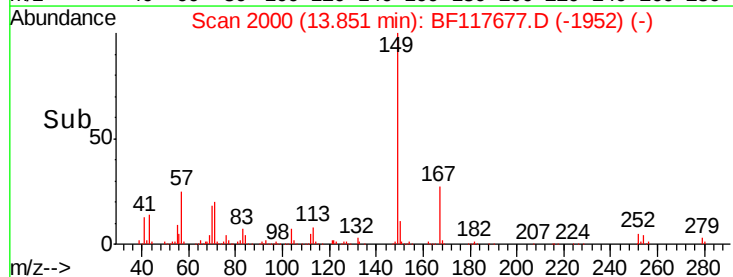
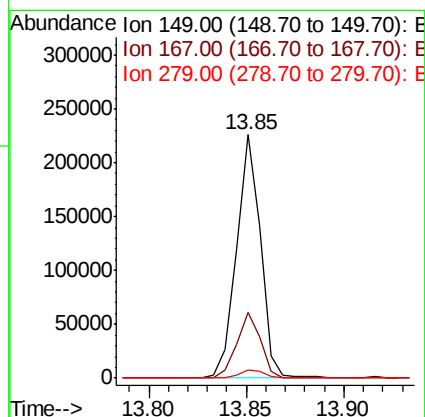
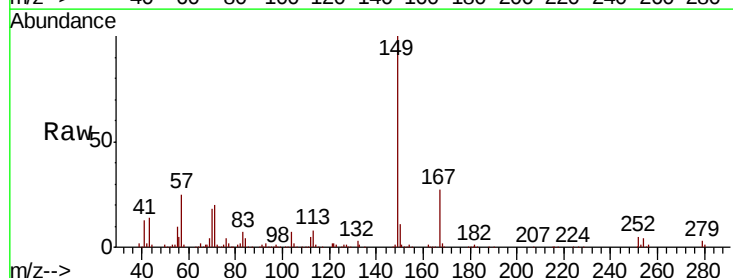
Manual Integrations
APPROVED

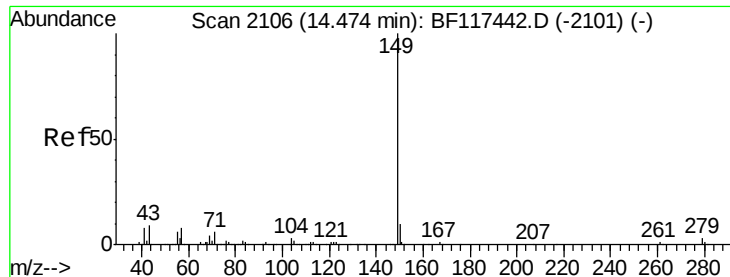
mohammad
11/4/2019 12:49:57 PM



#84
Bis(2-ethylhexyl)phthalate
Concen: 46.926 ng
RT: 13.85 min Scan# 2000
Delta R.T. -0.02 min
Lab File: BF117677.D
Acq: 1 Nov 2019 13:30

Tgt Ion	Ratio	Lower	Upper
149	100		
167	27.1	23.3	34.9
279	3.1	3.2	4.8#





#85

Di-n-octyl phthalate

Concen: 47.786 ng

RT: 14.46 min Scan# 2104

Delta R.T. -0.01 min

Lab File: BF117677.D

Acq: 1 Nov 2019 13:30

Instrument :

BNA_F

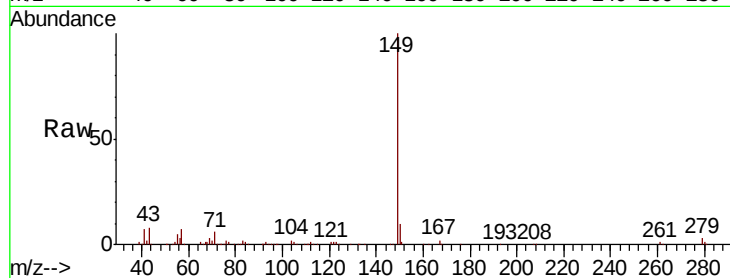
ClientSampleId :

OR-03-102919MS

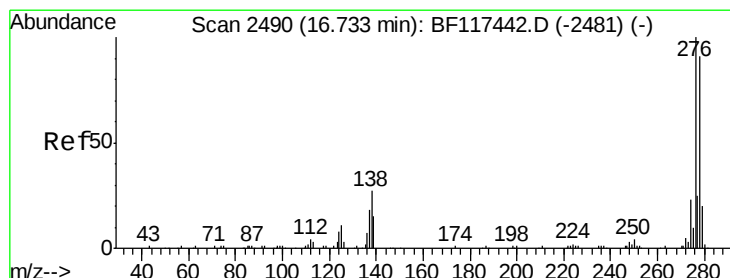
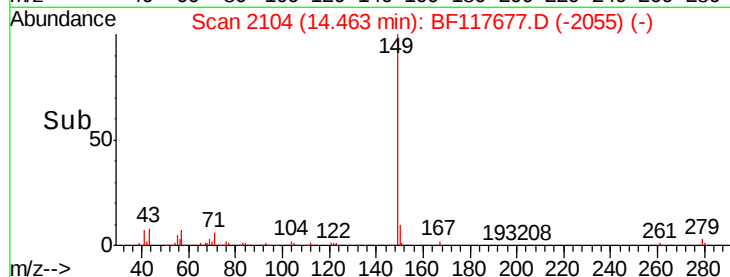
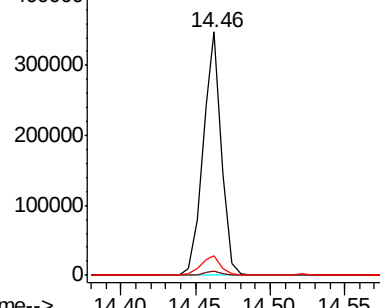
Tot Ion:	149	Resp:	300492
Ion Ratio	Lower	Upper	
149	100		
167	1.5	1.2	1.8
43	8.3	6.8	10.2

Manual Integrations
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Abundance Ion 149.00 (148.70 to 149.70): E
Ion 167.00 (166.70 to 167.70): E
Ion 43.00 (42.70 to 43.70): BF1



#86

Indeno(1,2,3-cd)pyrene

Concen: 57.947 ng

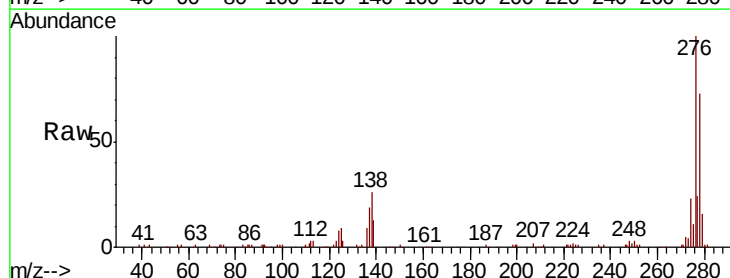
RT: 16.75 min Scan# 2493

Delta R.T. 0.02 min

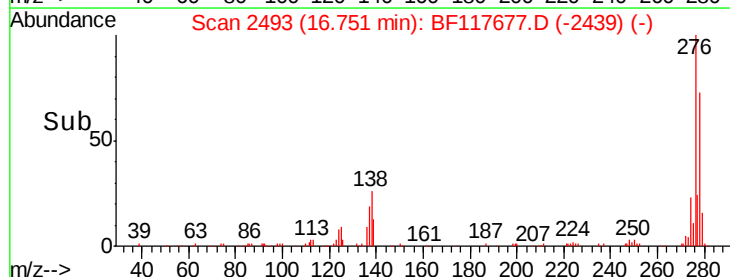
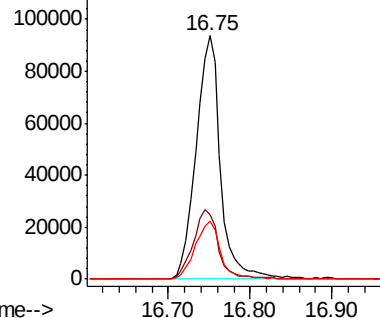
Lab File: BF117677.D

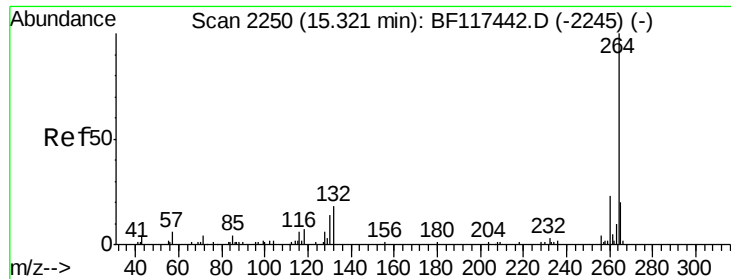
Acq: 1 Nov 2019 13:30

Tgt Ion:	276	Resp:	195371
Ion Ratio	Lower	Upper	
276	100		
138	29.0	21.8	32.8
277	24.8	20.0	30.0



Abundance Ion 276.00 (275.70 to 276.70): E
Ion 138.00 (137.70 to 138.70): E
Ion 277.00 (276.70 to 277.70): E





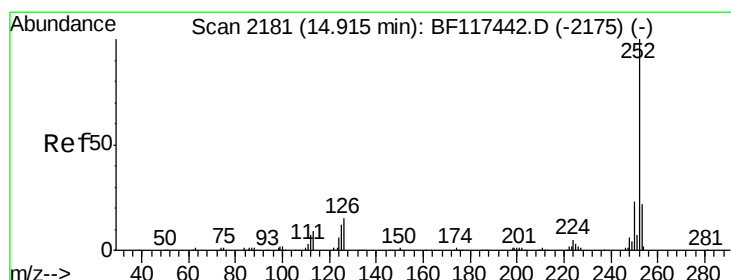
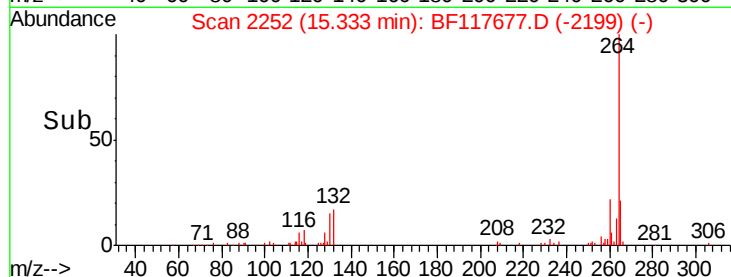
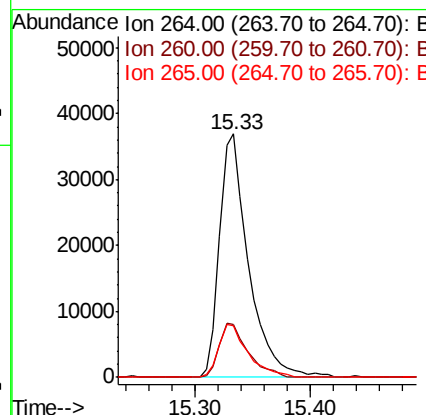
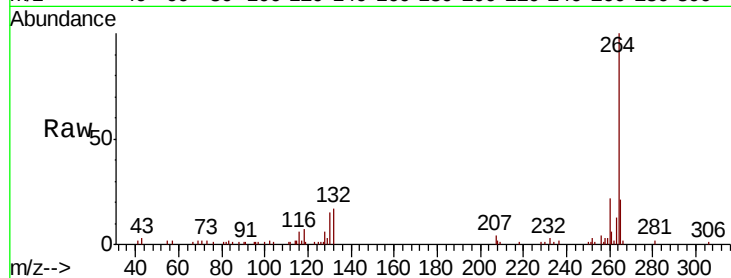
#87
Pervlene-d12
Concen: 20.000 ng
RT: 15.33 min Scan# 2252
Delta R.T. 0.01 min
Lab File: BF117677.D
Acq: 1 Nov 2019 13:30

Instrument :
BNA_F
ClientSampleId :
OR-03-102919MS

Tot Ion	Ratio	Lower	Upper
264	100		
260	21.9	18.4	27.6
265	21.0	16.1	24.1

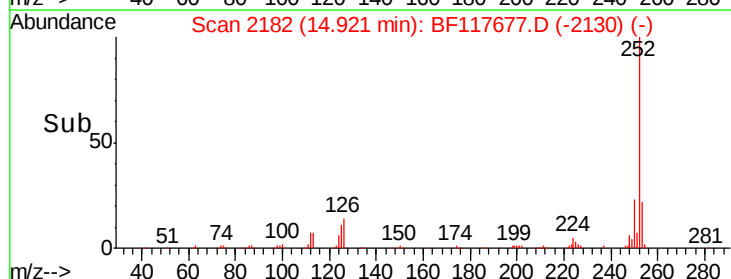
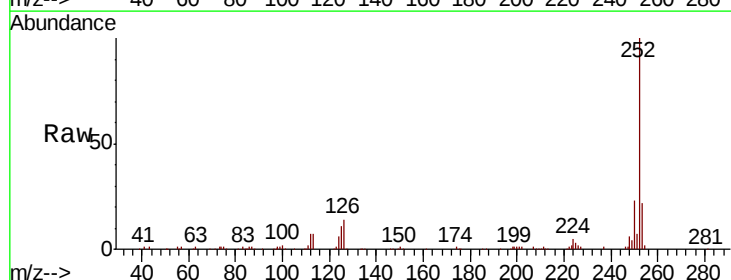
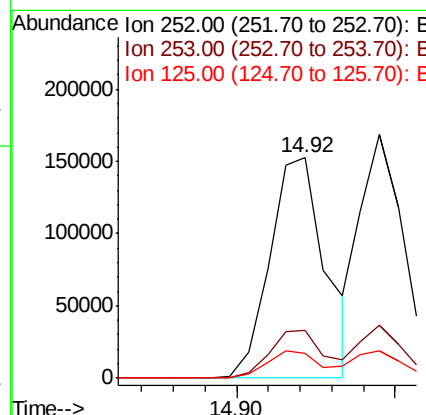
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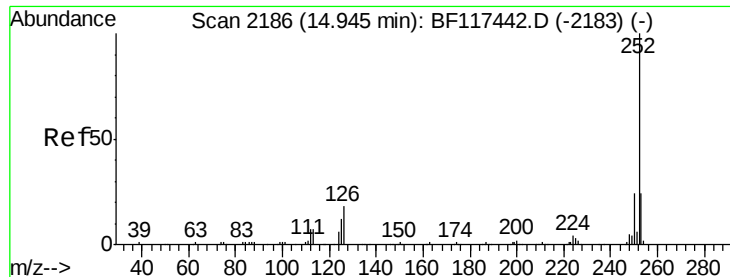
mohammad
11/4/2019 12:49:57 PM



#88
Benzo(b)fluoranthene
Concen: 48.837 ng
RT: 14.92 min Scan# 2182
Delta R.T. 0.01 min
Lab File: BF117677.D
Acq: 1 Nov 2019 13:30

Tgt Ion	Ratio	Lower	Upper
252	100		
253	21.9	17.8	26.6
125	11.1	9.9	14.9





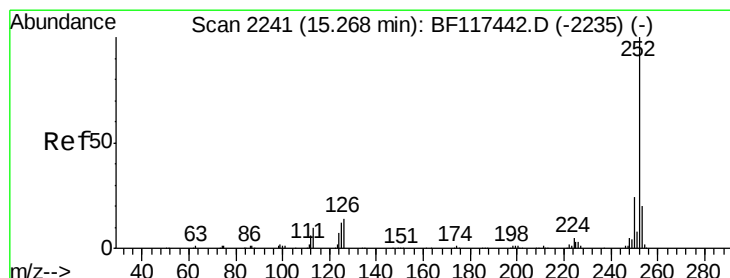
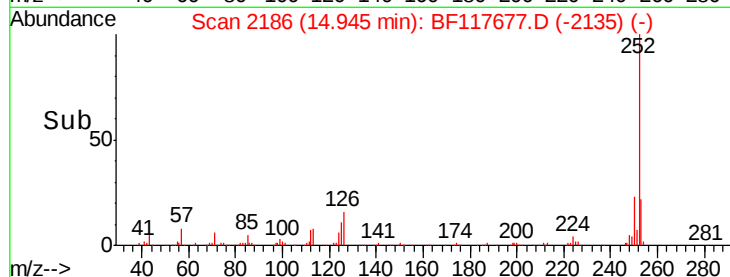
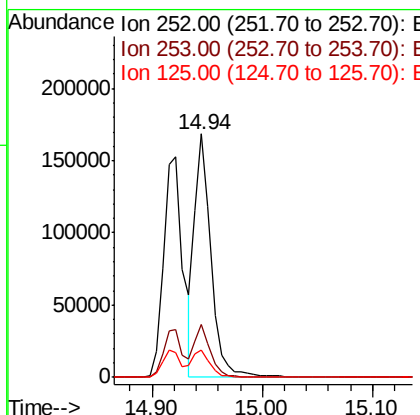
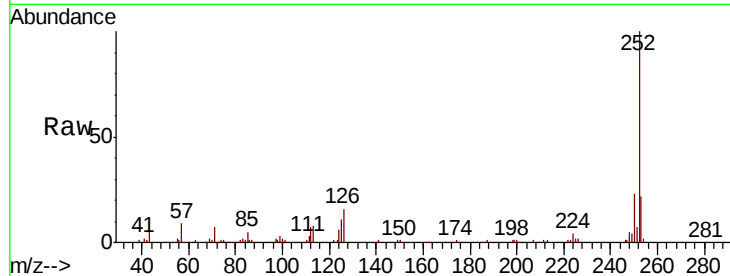
#89
Benzo(k)fluoranthene
Concen: 44.354 ng
RT: 14.94 min Scan# 2186
Delta R.T. 0.00 min
Lab File: BF117677.D
Acq: 1 Nov 2019 13:30

Instrument :
BNA_F
ClientSampleId :
OR-03-102919MS

Tot Ion	Ratio	Lower	Upper
252	100		
253	21.7	18.0	27.0
125	11.1	8.9	13.3

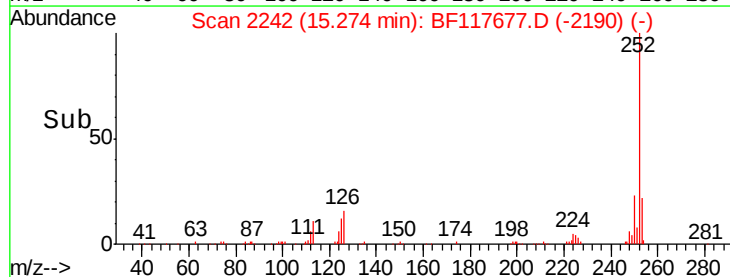
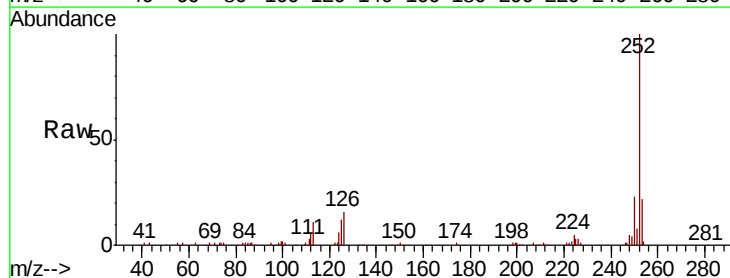
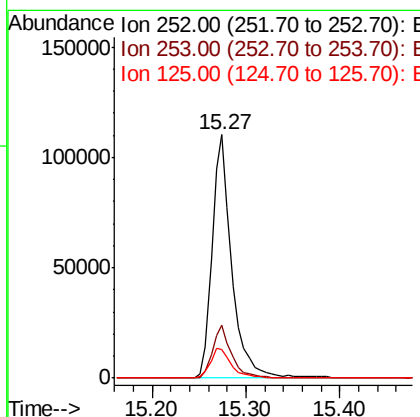
Manual Integrations
APPROVED

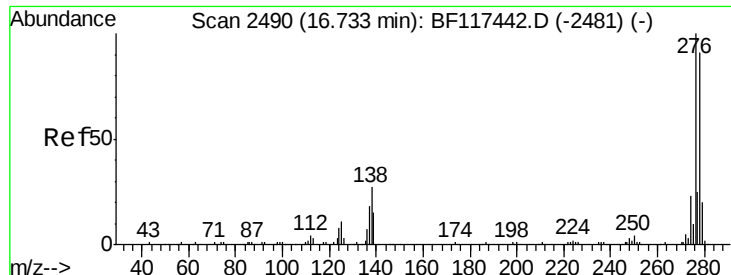
mohammad
11/4/2019 12:49:57 PM



#90
Benzo(a)pyrene
Concen: 46.943 ng
RT: 15.27 min Scan# 2242
Delta R.T. 0.01 min
Lab File: BF117677.D
Acq: 1 Nov 2019 13:30

Tgt Ion	Ratio	Lower	Upper
252	100		
253	21.8	16.3	24.5
125	11.9	9.2	13.8





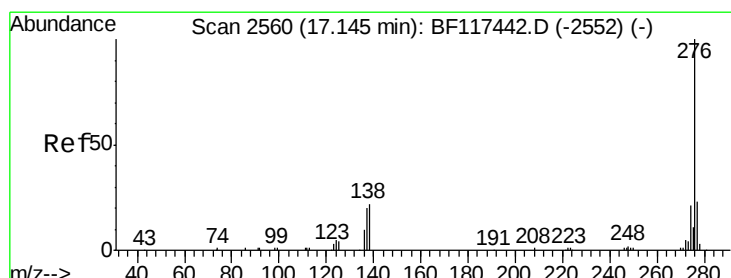
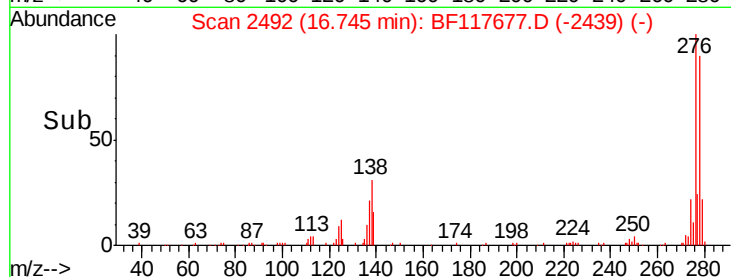
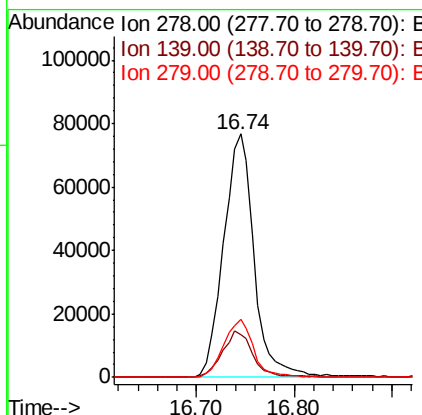
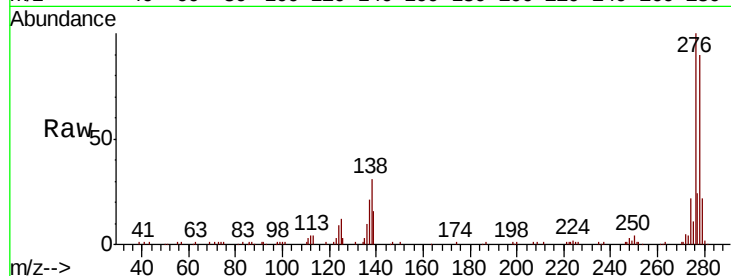
#91
Dibenzo(a,h)anthracene
Concen: 55.533 ng
RT: 16.74 min Scan# 2492
Delta R.T. 0.01 min
Lab File: BF117677.D
Acq: 1 Nov 2019 13:30

Instrument :
BNA_F
ClientSampleId :
OR-03-102919MS

Tot Ion	Ratio	Lower	Upper
278	100		
139	17.4	13.4	20.0
279	24.0	17.8	26.6

Manual Integrations
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#92
Benzo(g,h,i)perylene
Concen: 59.105 ng
RT: 17.17 min Scan# 2565
Delta R.T. 0.03 min
Lab File: BF117677.D
Acq: 1 Nov 2019 13:30

Tgt Ion	Ratio	Lower	Upper
276	100		
277	21.5	18.4	27.6
138	22.2	17.8	26.6

