

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF103119\
 Data File : BF117655.D
 Acq On : 31 Oct 2019 13:57
 Operator : JU
 Sample : PB124409BS
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB124409BS

Manual Integrations
 APPROVED

mohammad
 11/1/2019 12:34:25 PM

Quant Time: Oct 31 18:55:01 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	6.73	152	35968	20.00	ng	0.00
21) Naphthalene-d8	8.01	136	154353	20.00	ng	0.00
39) Acenaphthene-d10	9.76	164	79290	20.00	ng	0.00
64) Phenanthrene-d10	11.25	188	132532	20.00	ng	0.00
76) Chrysene-d12	13.90	240	88413	20.00	ng	0.00
87) Perylene-d12	15.34	264	78784	20.00	ng	0.02

System Monitoring Compounds

5) 2-Fluorophenol	5.36	112	200329	82.86	ng	0.00
7) Phenol-d6	6.39	99	283672	87.36	ng	0.00
23) Nitrobenzene-d5	7.30	82	250394	80.09	ng	0.00
42) 2,4,6-Tribromophenol	10.56	330	52823	76.99	ng	0.00
45) 2-Fluorobiphenyl	9.09	172	430051	76.42	ng	0.00
79) Terphenyl-d14	12.83	244	438894	80.97	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.43	88	30612	30.116	ng	94
3) Pyridine	3.16	79	66675	26.795	ng	97
4) n-Nitrosodimethylamine	3.10	42	32129	35.591	ng	97
6) Aniline	6.40	93	106458	27.925	ng	# 42
8) 2-Chlorophenol	6.52	128	108958	42.709	ng	99
9) Benzaldehyde	6.28	77	61233	38.423	ng	97
10) Phenol	6.40	94	136170	41.086	ng	97
11) bis(2-Chloroethyl)ether	6.46	93	101597	41.444	ng	99
12) 1,3-Dichlorobenzene	6.67	146	107543	37.775	ng	95
13) 1,4-Dichlorobenzene	6.75	146	112282	38.878	ng	98
14) 1,2-Dichlorobenzene	6.90	146	106133	38.986	ng	97
15) Benzyl Alcohol	6.89	79	101004	43.537	ng	97
16) 2,2'-oxybis(1-Chloropropan	7.00	45	102220	38.654	ng	# 42
17) 2-Methylphenol	7.01	107	89481	42.637	ng	93
18) Hexachloroethane	7.23	117	40500	35.928	ng	91
19) n-Nitroso-di-n-propylamine	7.15	70	80279	40.481	ng	95
20) 3+4-Methylphenols	7.17	107	115481	41.969	ng	# 63
22) Acetophenone	7.15	105	157281	38.374	ng	# 94
24) Nitrobenzene	7.32	77	121182	40.466	ng	99
25) Isophorone	7.56	82	211957	39.188	ng	99
26) 2-Nitrophenol	7.63	139	56320	42.168	ng	94
27) 2,4-Dimethylphenol	7.68	122	96187	48.189	ng	99
28) bis(2-Chloroethoxy)methane	7.76	93	127266	38.132	ng	98
29) 2,4-Dichlorophenol	7.89	162	86143	41.146	ng	98
30) 1,2,4-Trichlorobenzene	7.96	180	83623	37.220	ng	98
31) Naphthalene	8.03	128	313809	41.017	ng	99
32) Benzoic acid	7.85	122	44344	32.435	ng	99
33) 4-Chloroaniline	8.10	127	58579	18.142	ng	98
34) Hexachlorobutadiene	8.15	225	45390	34.904	ng	97
35) Caprolactam	8.47	113	31506m	46.845	ng	
36) 4-Chloro-3-methylphenol	8.59	107	105541	44.202	ng	95
37) 2-Methylnaphthalene	8.72	142	214069	41.524	ng	98
38) 1-Methylnaphthalene	8.82	142	198901	41.059	ng	100
40) 1,2,4,5-Tetrachlorobenzene	8.89	216	77589	36.332	ng	97

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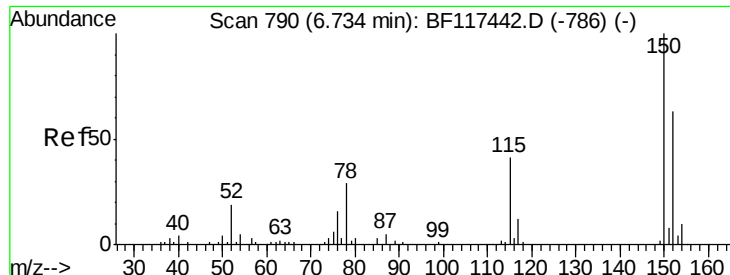
Manual Integrations
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 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	8.87	237	20704	46.520	nq	92
43) 2,4,6-Trichlorophenol	9.02	196	52016	38.894	nq	99
44) 2,4,5-Trichlorophenol	9.07	196	53282	39.317	nq	95
46) 1,1'-Biphenyl	9.19	154	249426	37.998	nq	98
47) 2-Chloronaphthalene	9.22	162	193081	39.012	nq	97
48) 2-Nitroaniline	9.32	65	69087	42.522	nq	90
49) Acenaphthylene	9.63	152	310468	42.708	nq	99
50) Dimethylphthalate	9.49	163	224407	39.700	nq	99
51) 2,6-Dinitrotoluene	9.56	165	50561	42.865	nq	91
52) Acenaphthene	9.80	154	180825	40.543	nq	99
53) 3-Nitroaniline	9.74	138	34461	24.079	nq	99
54) 2,4-Dinitrophenol	9.87	184	31104	64.657	nq	99
55) Dibenzofuran	9.97	168	273447	42.317	nq	96
56) 4-Nitrophenol	9.95	139	16678m	28.139	nq	
57) 2,4-Dinitrotoluene	9.98	165	69388	44.246	nq	# 88
58) Fluorene	10.32	166	229129	42.879	nq	97
59) 2,3,4,6-Tetrachlorophenol	10.10	232	39724	37.295	nq	# 94
60) Diethylphthalate	10.19	149	225879	39.508	nq	99
61) 4-Chlorophenyl-phenylether	10.30	204	95556	39.857	nq	98
62) 4-Nitroaniline	10.36	138	53755	39.849	nq	97
63) Azobenzene	10.46	77	246427	42.104	nq	98
65) 4,6-Dinitro-2-methylphenol	10.40	198	25418	37.722	nq	94
66) n-Nitrosodiphenylamine	10.42	169	194725	40.190	nq	99
67) 4-Bromophenyl-phenylether	10.79	248	53345	37.369	nq	98
68) Hexachlorobenzene	10.87	284	55429	36.256	nq	98
69) Atrazine	10.96	200	59929	48.616	nq	98
70) Pentachlorophenol	11.08	266	19296	42.103	nq	97
71) Phenanthrene	11.28	178	317474	41.254	nq	99
72) Anthracene	11.33	178	338553	42.875	nq	100
73) Carbazole	11.49	167	316128	43.809	nq	99
74) Di-n-butylphthalate	11.80	149	369850	38.358	nq	99
75) Fluoranthene	12.47	202	331647	43.049	nq	99
77) Benzidine	12.59	184	134368	64.825	nq	98
78) Pyrene	12.70	202	333736	43.946	nq	99
80) Butylbenzylphthalate	13.30	149	153837	40.708	nq	92
81) Benzo(a)anthracene	13.89	228	248999	41.752	nq	99
82) 3,3'-Dichlorobenzidine	13.84	252	55393	29.600	nq	# 96
83) Chrysene	13.93	228	244115	41.765	nq	98
84) Bis(2-ethylhexyl)phthalate	13.86	149	202671	38.285	nq	97
85) Di-n-octyl phthalate	14.47	149	327262	40.208	nq	100
86) Indeno(1,2,3-cd)pyrene	16.76	276	200684	45.988	nq	98
88) Benzo(b)fluoranthene	14.93	252	198346	42.634	nq	98
89) Benzo(k)fluoranthene	14.95	252	196957	41.305	nq	97
90) Benzo(a)pyrene	15.28	252	173132	40.931	nq	97
91) Dibenzo(a,h)anthracene	16.76	278	167986	45.929	nq	98
92) Benzo(g,h,i)perylene	17.19	276	169052	48.850	nq	97

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



#1

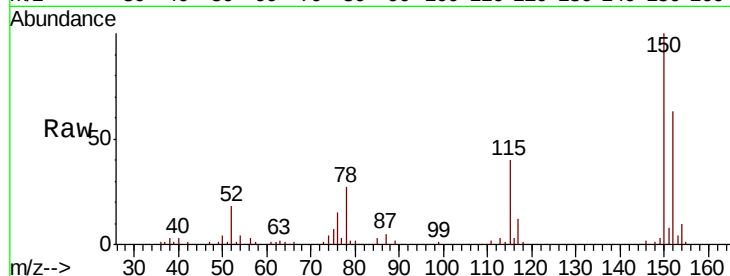
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.73 min Scan# 789
Delta R.T. -0.01 min
Lab File: BF117655.D
Acq: 31 Oct 2019 13:57

Instrument :
BNA_F
ClientSampleId :
PB124409BS

Tot Ion	Ratio	Lower	Upper
152	100		
150	159.0	126.8	190.2
115	63.8	51.6	77.4

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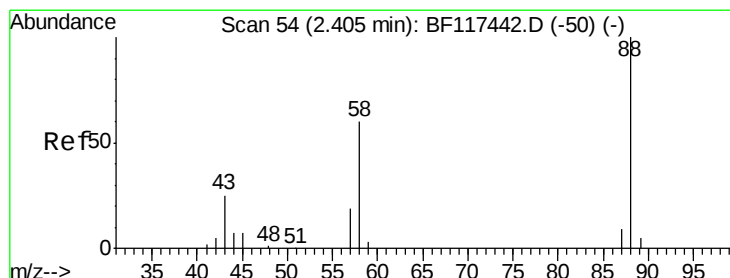
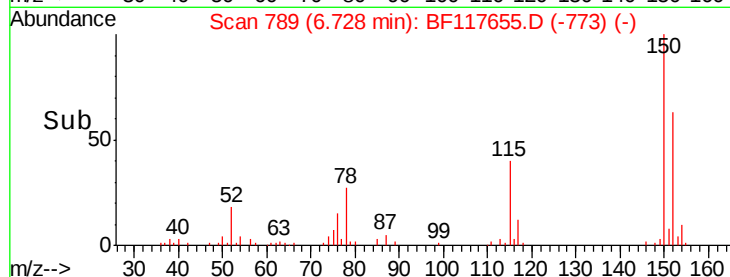
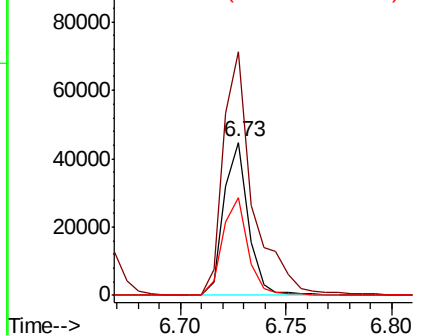


Abundance

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: 30.116 ng
RT: 2.43 min Scan# 59
Delta R.T. 0.03 min
Lab File: BF117655.D
Acq: 31 Oct 2019 13:57

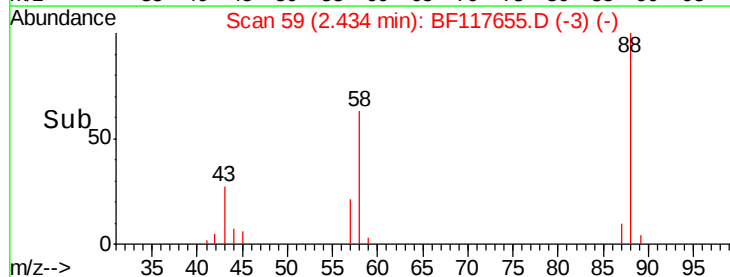
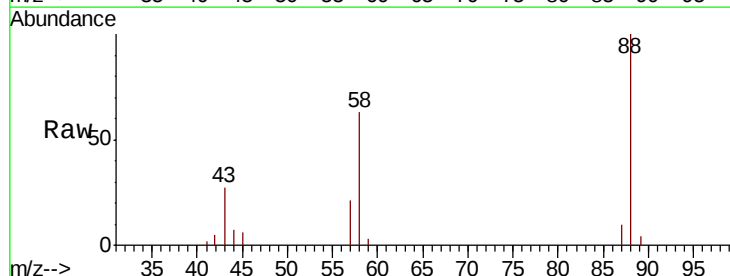
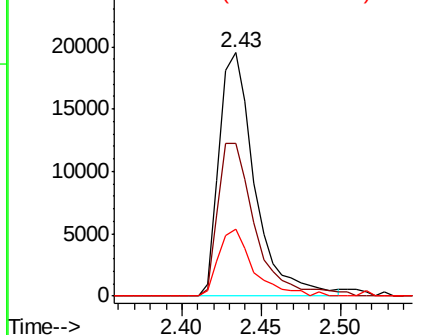
Tgt Ion	Ratio	Lower	Upper
88	100		
58	65.3	48.8	73.2
43	26.8	18.5	27.7

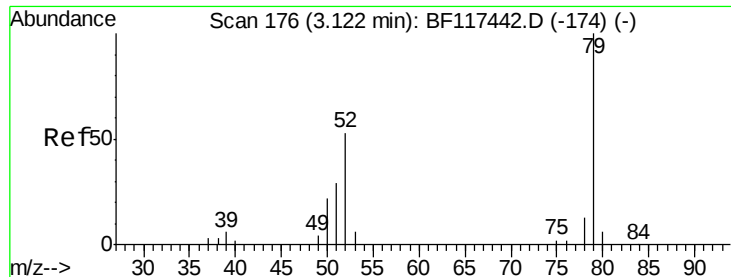
Abundance

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: 26.795 ng

RT: 3.16 min Scan# 183

Delta R.T. 0.04 min

Lab File: BF117655.D

Acq: 31 Oct 2019 13:57

Instrument :

BNA_F

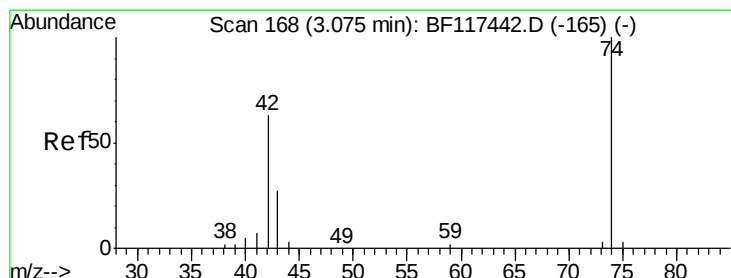
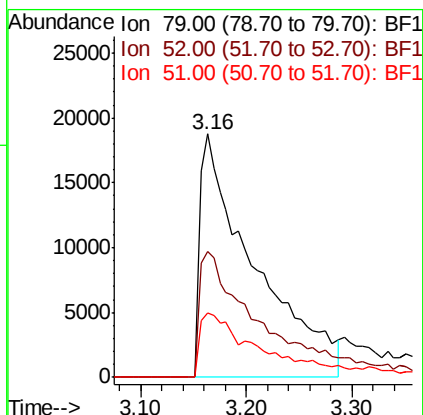
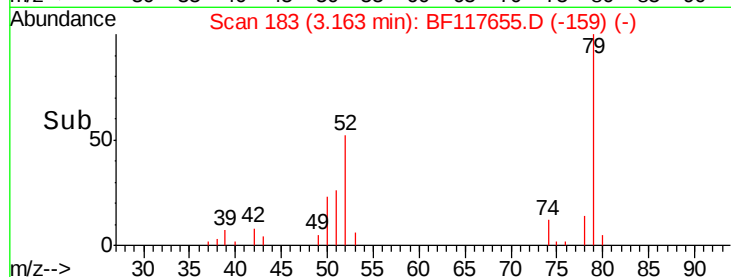
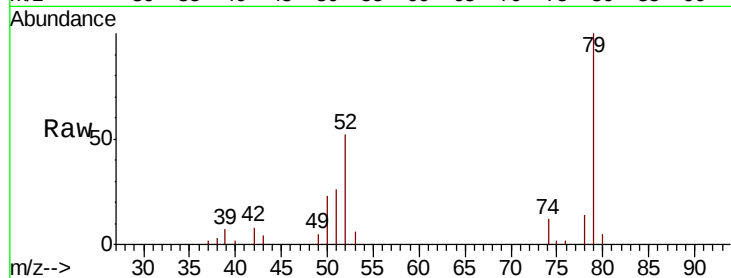
ClientSampleID :

PB124409BS

Tot Ion:	79	Resp:	66675
Ion	Ratio	Lower	Upper
79	100		
52	51.7	42.4	63.6
51	26.3	23.3	34.9

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#4

n-Nitrosodimethylamine

Concen: 35.591 ng

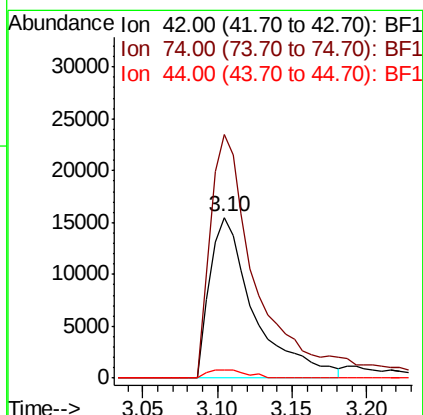
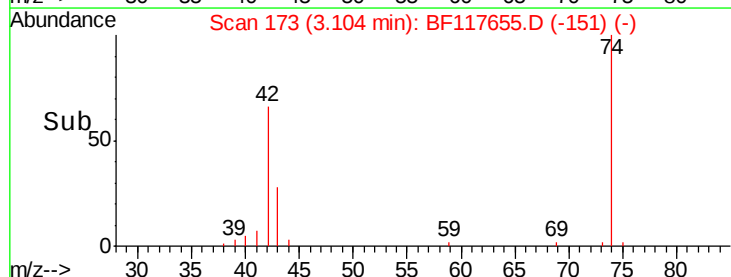
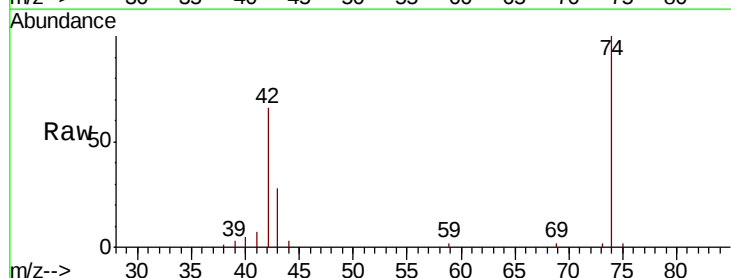
RT: 3.10 min Scan# 173

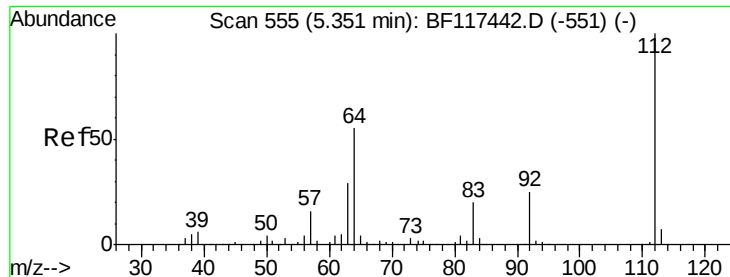
Delta R.T. 0.03 min

Lab File: BF117655.D

Acq: 31 Oct 2019 13:57

Tgt Ion:	42	Resp:	32129
Ion	Ratio	Lower	Upper
42	100		
74	151.3	124.2	186.4
44	5.1	4.2	6.4





#5

2-Fluorophenol

Concen: 82.860 ng

RT: 5.36 min Scan# 556

Delta R.T. 0.01 min

Lab File: BF117655.D

Acq: 31 Oct 2019 13:57

Instrument :

BNA_F

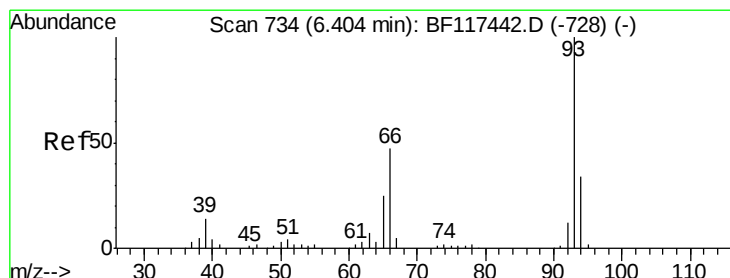
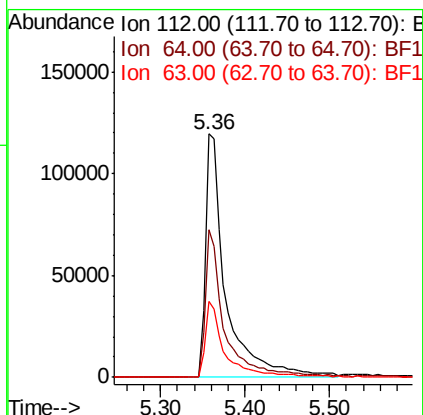
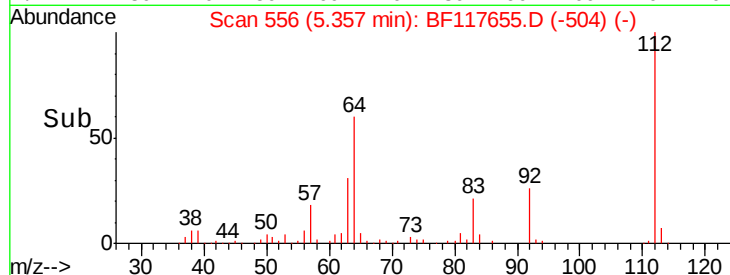
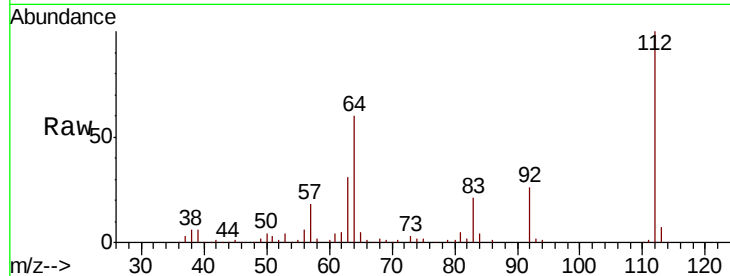
ClientSampleId :

PB124409BS

Tot Ion:	112	Resp:	200329
Ion Ratio	Lower	Upper	
112	100		
64	60.4	44.1	66.1
63	30.9	23.4	35.2

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#6

Aniline

Concen: 27.925 ng

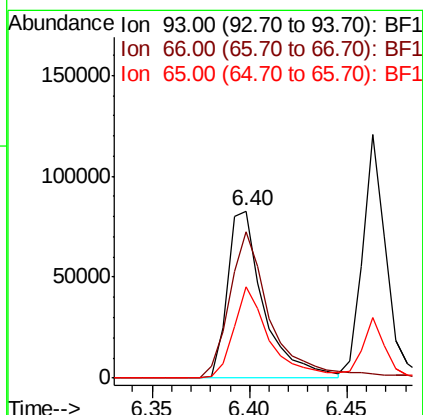
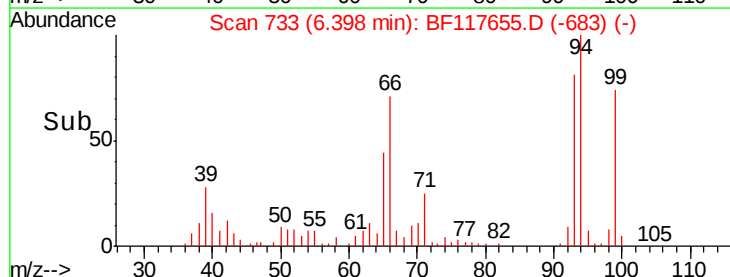
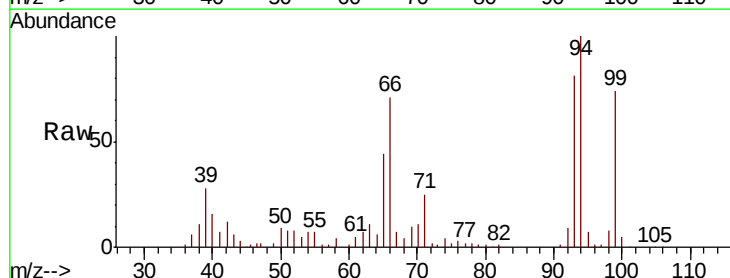
RT: 6.40 min Scan# 733

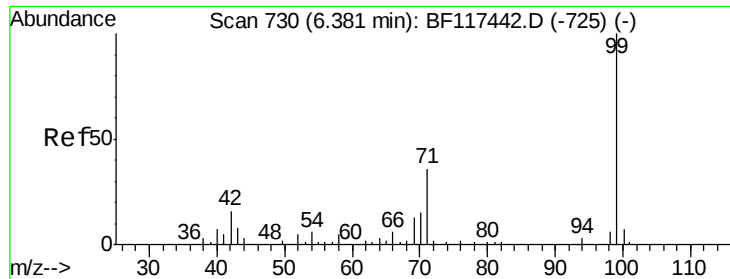
Delta R.T. -0.01 min

Lab File: BF117655.D

Acq: 31 Oct 2019 13:57

Tgt Ion:	93	Resp:	106458
Ion Ratio	Lower	Upper	
93	100		
66	87.4	38.7	58.1#
65	54.5	20.1	30.1#





#7

Phenol-d6

Concen: 87.358 ng

RT: 6.39 min Scan# 731

Delta R.T. 0.01 min

Lab File: BF117655.D

Acq: 31 Oct 2019 13:57

Instrument :

BNA_F

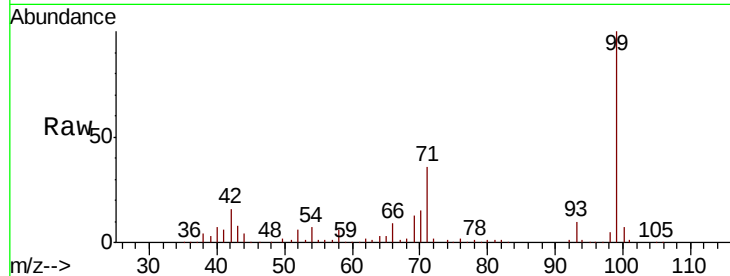
ClientSampleId :

PB124409BS

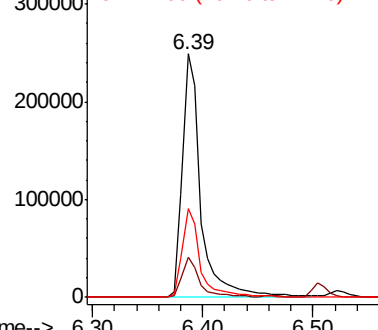
Tot Ion:	99	Resp:	283672
Ion Ratio	Lower	Upper	
99	100		
42	16.4	12.8	19.2
71	36.4	28.6	43.0

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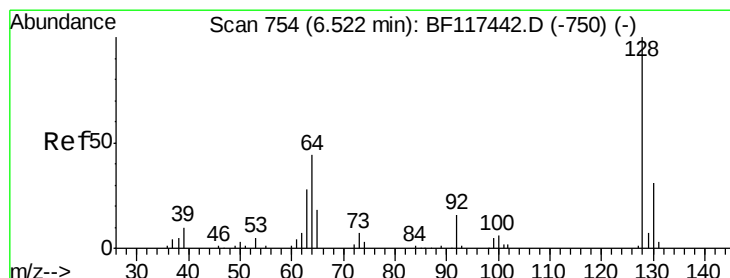
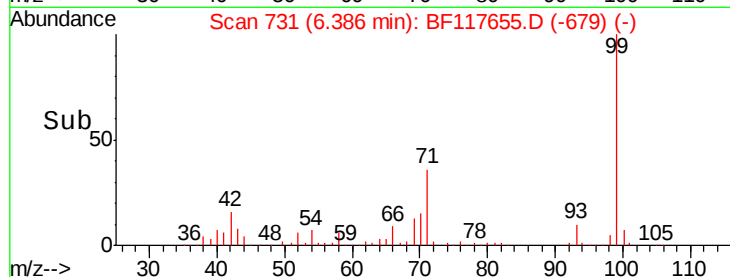
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Abundance Ion 99.00 (98.70 to 99.70): BF1
Ion 42.00 (41.70 to 42.70): BF1
Ion 71.00 (70.70 to 71.70): BF1



Time-->



#8

2-Chlorophenol

Concen: 42.709 ng

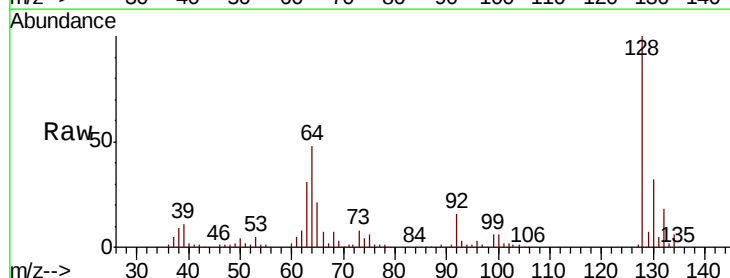
RT: 6.52 min Scan# 754

Delta R.T. -0.00 min

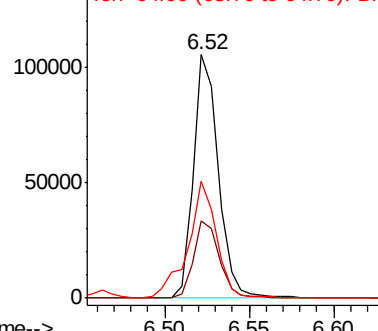
Lab File: BF117655.D

Acq: 31 Oct 2019 13:57

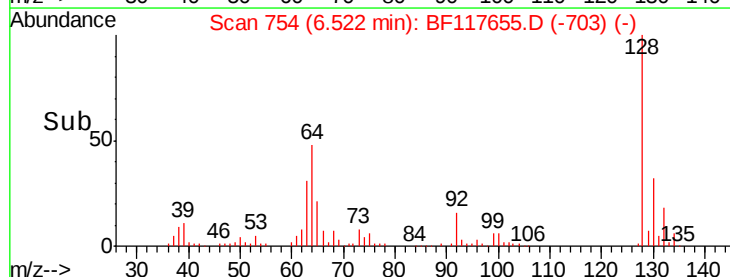
Tgt Ion:	128	Resp:	108958
Ion Ratio	Lower	Upper	
128	100		
130	31.5	11.1	51.1
64	47.9	27.1	67.1

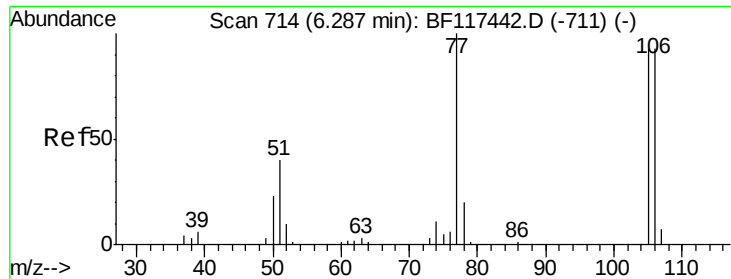


Abundance Ion 128.00 (127.70 to 128.70): E
Ion 130.00 (129.70 to 130.70): E
Ion 64.00 (63.70 to 64.70): BF1



Time-->





#9

Benzaldehyde

Concen: 38.423 ng

RT: 6.28 min Scan# 713

Delta R.T. -0.01 min

Lab File: BF117655.D

Acq: 31 Oct 2019 13:57

Instrument :

BNA_F

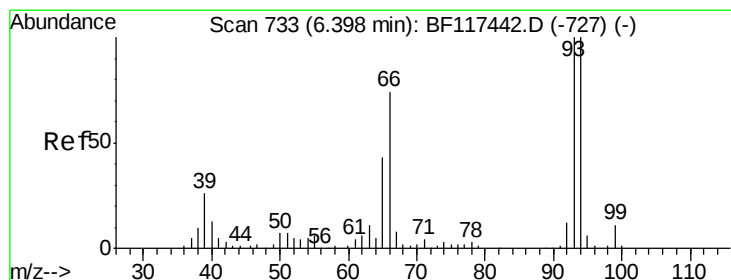
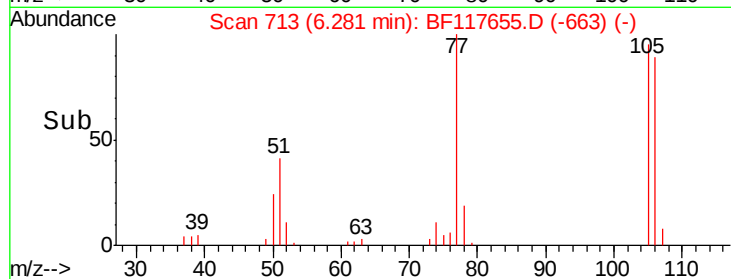
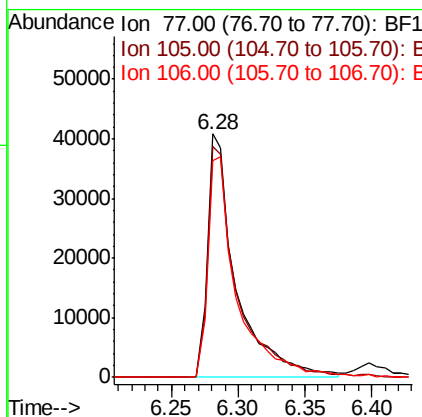
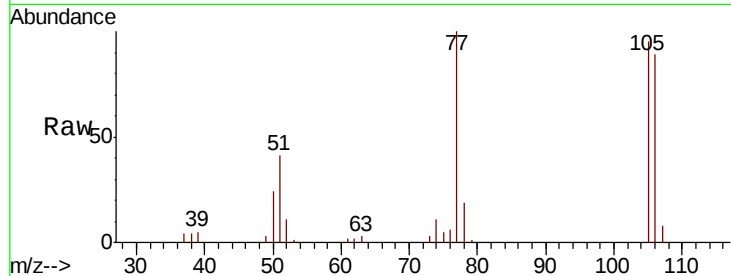
ClientSampleID :

PB124409BS

Tot Ion:	77	Resp:	61233
Ion	Ratio	Lower	Upper
77	100		
105	94.6	73.4	113.4
106	89.2	73.0	113.0

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#10

Phenol

Concen: 41.086 ng

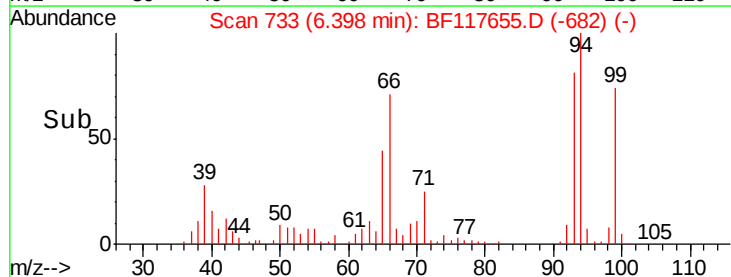
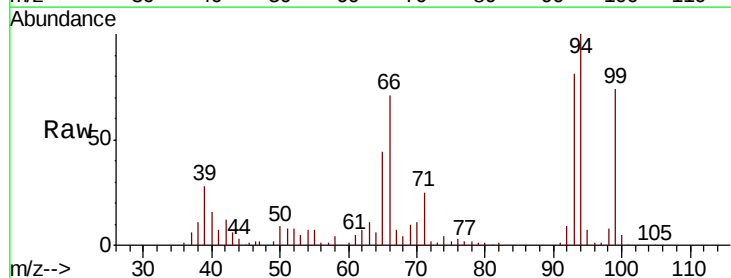
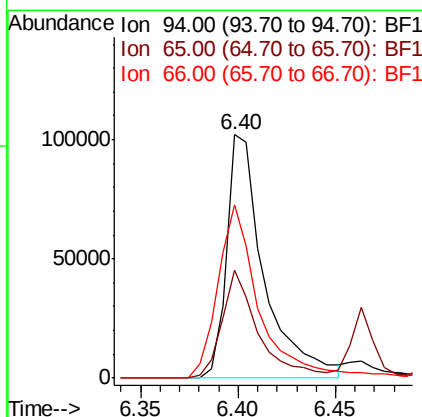
RT: 6.40 min Scan# 733

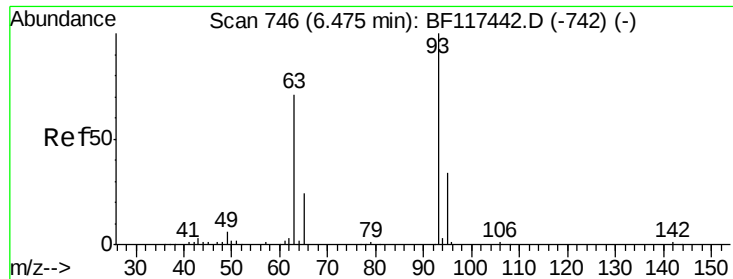
Delta R.T. -0.00 min

Lab File: BF117655.D

Acq: 31 Oct 2019 13:57

Tgt Ion:	94	Resp:	136170
Ion	Ratio	Lower	Upper
94	100		
65	44.2	23.4	63.4
66	70.9	54.7	94.7





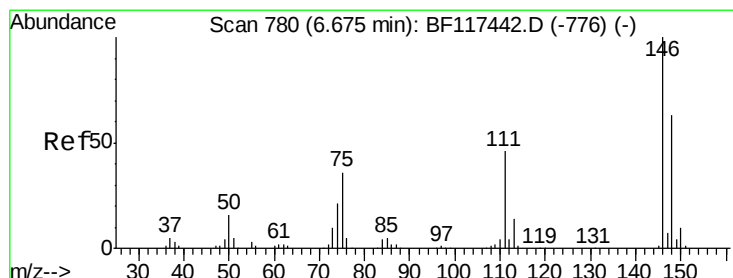
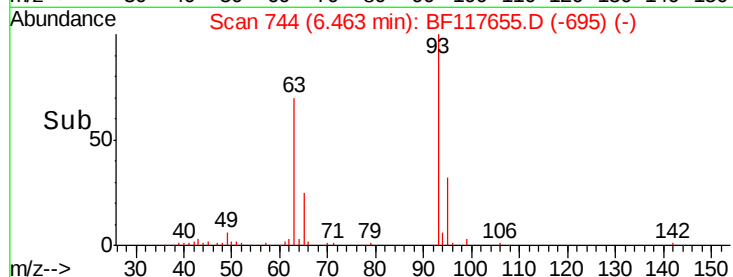
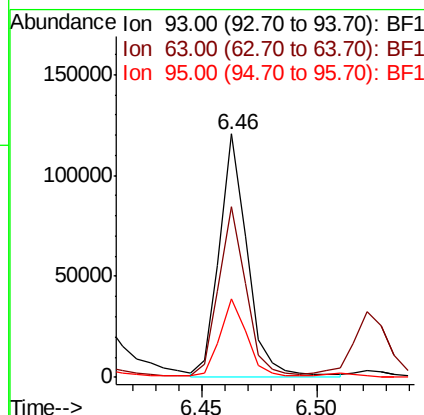
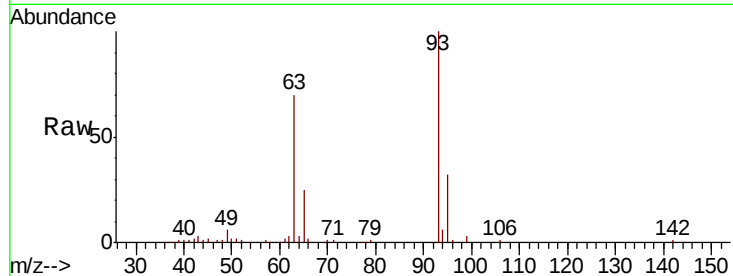
#11
bis(2-Chloroethyl)ether
Concen: 41.444 ng
RT: 6.46 min Scan# 744
Delta R.T. -0.01 min
Lab File: BF117655.D
Acq: 31 Oct 2019 13:57

Instrument :
BNA_F
ClientSampleId :
PB124409BS

Tot Ion:	93	Resp:	101597
Ion Ratio	Lower	Upper	
93	100		
63	70.3	50.2	90.2
95	32.1	13.9	53.9

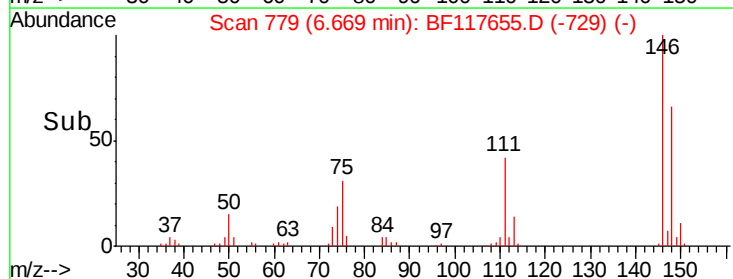
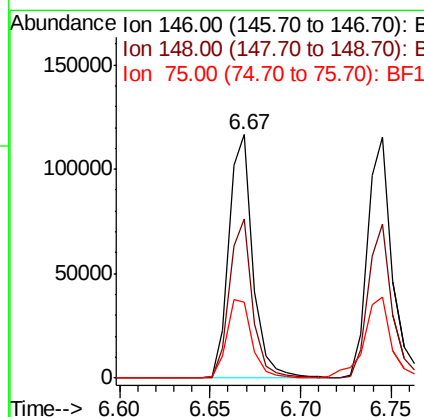
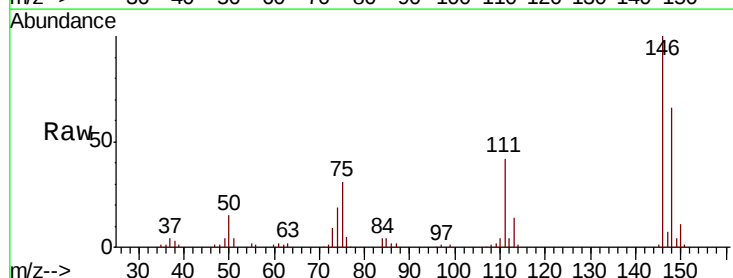
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#12
1,3-Dichlorobenzene
Concen: 37.775 ng
RT: 6.67 min Scan# 779
Delta R.T. -0.01 min
Lab File: BF117655.D
Acq: 31 Oct 2019 13:57

Tgt Ion:	146	Resp:	107543
Ion Ratio	Lower	Upper	
146	100		
148	65.5	50.6	75.8
75	31.3	28.6	43.0





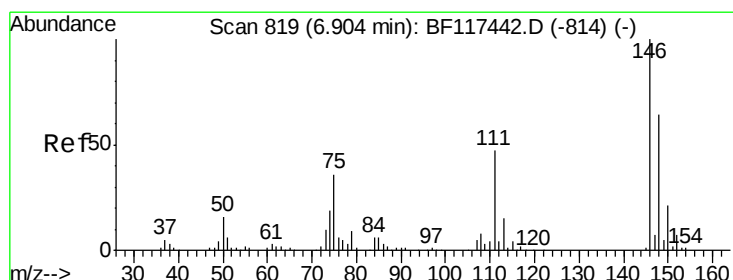
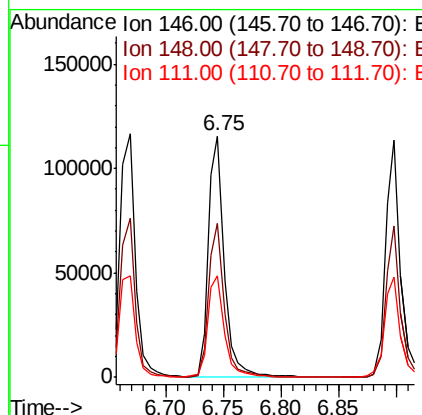
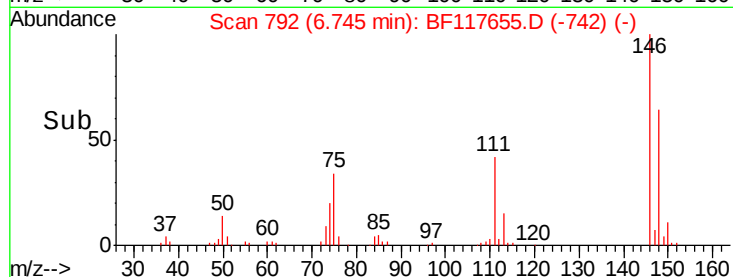
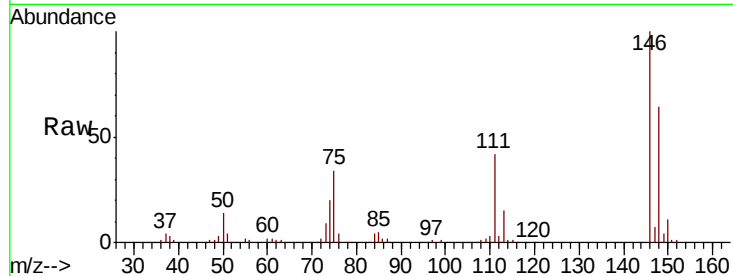
#13
 1,4-Dichlorobenzene
 Concen: 38.878 ng
 RT: 6.75 min Scan# 792
 Delta R.T. -0.01 min
 Lab File: BF117655.D
 Acq: 31 Oct 2019 13:57

Instrument :
 BNA_F
 ClientSampled :
 PB124409BS

Tot Ion	Ratio	Lower	Upper
146	100		
148	63.8	49.3	73.9
111	42.1	33.6	50.4

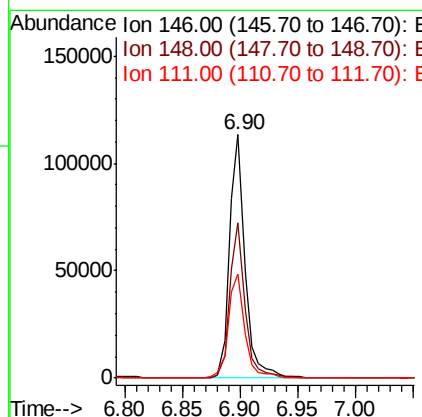
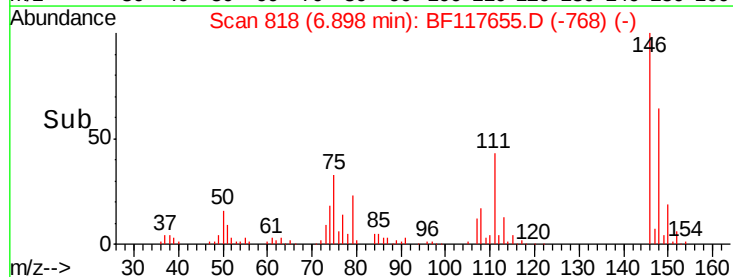
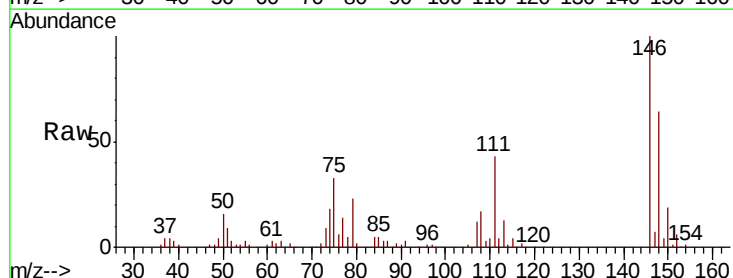
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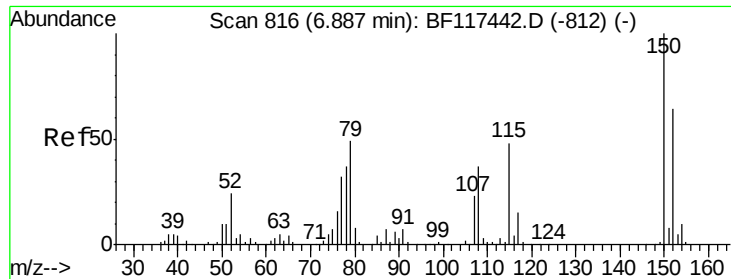
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#14
 1,2-Dichlorobenzene
 Concen: 38.986 ng
 RT: 6.90 min Scan# 818
 Delta R.T. -0.01 min
 Lab File: BF117655.D
 Acq: 31 Oct 2019 13:57

Tgt Ion	Ratio	Lower	Upper
146	100		
148	64.0	51.4	77.0
111	42.6	37.7	56.5





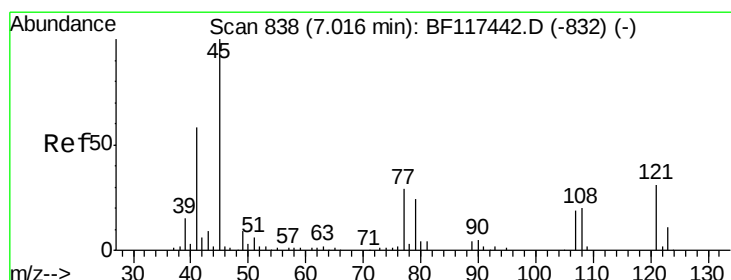
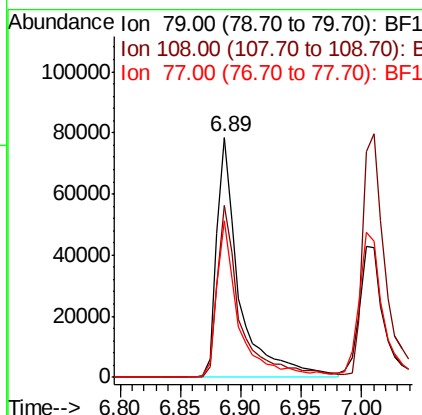
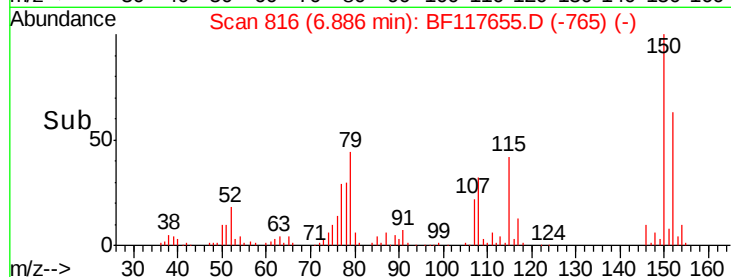
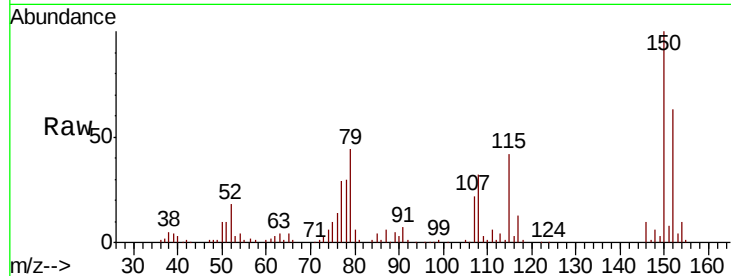
#15
Benzyl Alcohol
Concen: 43.537 ng
RT: 6.89 min Scan# 816
Delta R.T. -0.00 min
Lab File: BF117655.D
Acq: 31 Oct 2019 13:57

Instrument :
BNA_F
ClientSampleID :
PB124409BS

Tot Ion	Ratio	Lower	Upper
79	100		
108	71.8	59.8	89.8
77	65.4	51.4	77.0

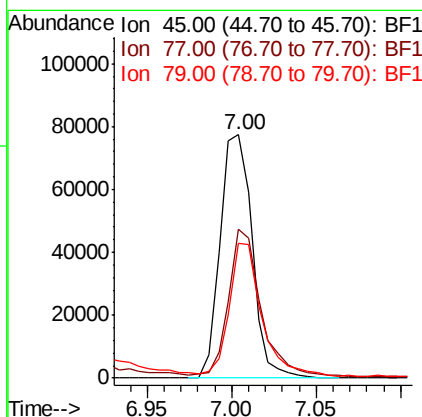
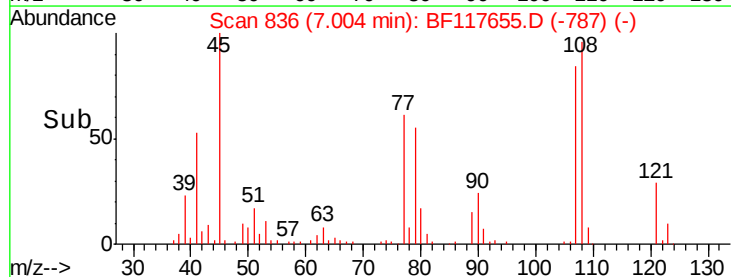
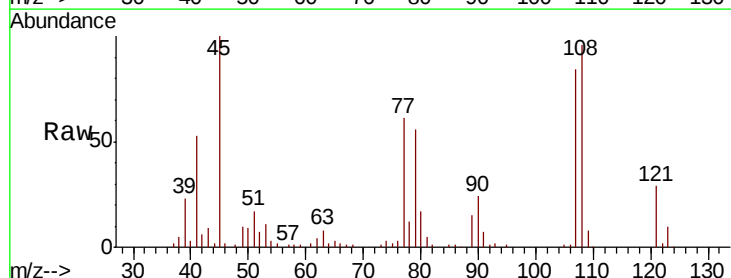
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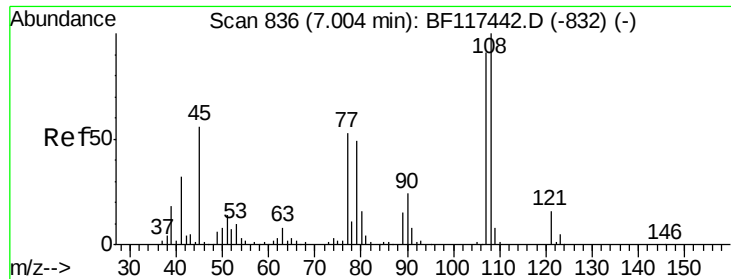
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#16
2,2'-oxybis(1-chloropropane)
Concen: 38.654 ng
RT: 7.00 min Scan# 836
Delta R.T. -0.01 min
Lab File: BF117655.D
Acq: 31 Oct 2019 13:57

Tgt Ion	Ratio	Lower	Upper
45	100		
77	61.0	9.9	49.9#
79	55.6	5.5	45.5#





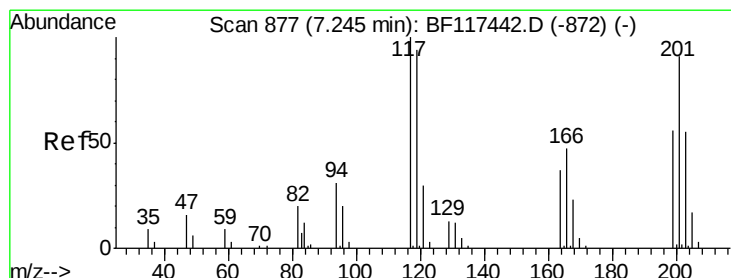
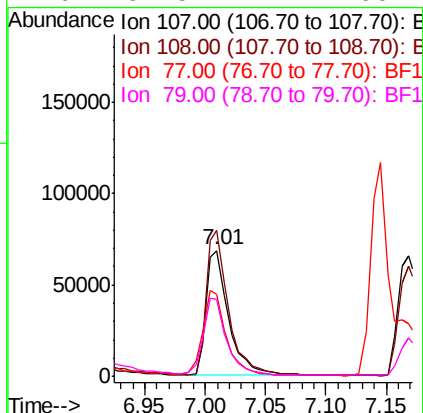
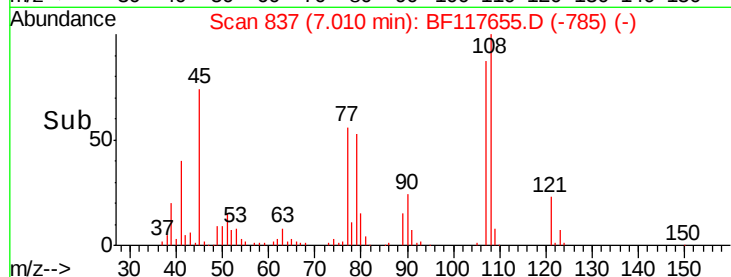
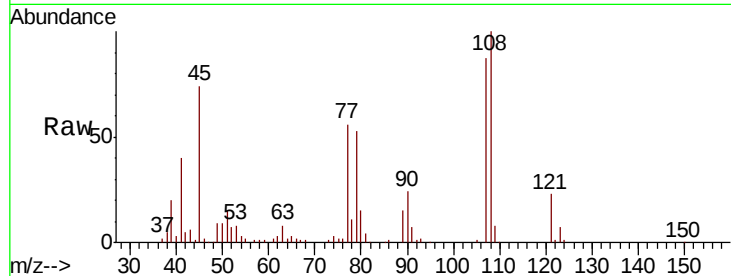
#17
2-Methylphenol
Concen: 42.637 ng
RT: 7.01 min Scan# 837
Delta R.T. 0.01 min
Lab File: BF117655.D
Acq: 31 Oct 2019 13:57

Instrument :
BNA_F
ClientSampleID :
PB124409BS

Tot Ion:	107	Resp:	89481
Ion Ratio	Lower	Upper	
107	100		
108	115.5	88.0	132.0
77	64.8	47.2	70.8
79	61.5	44.1	66.1

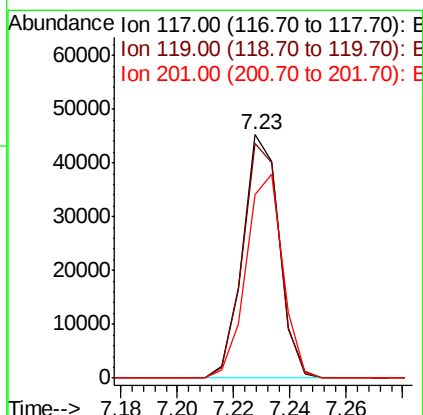
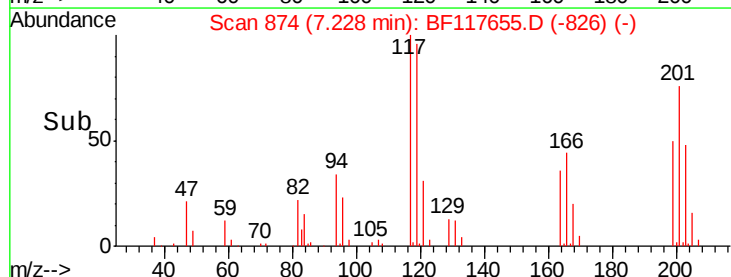
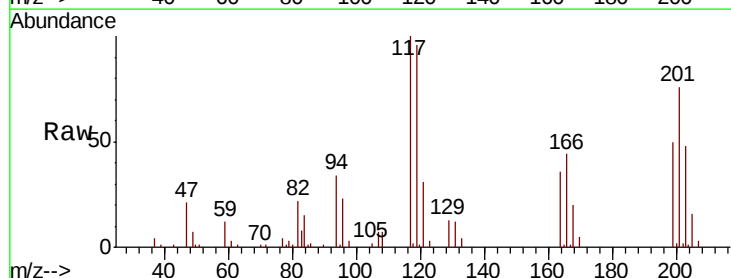
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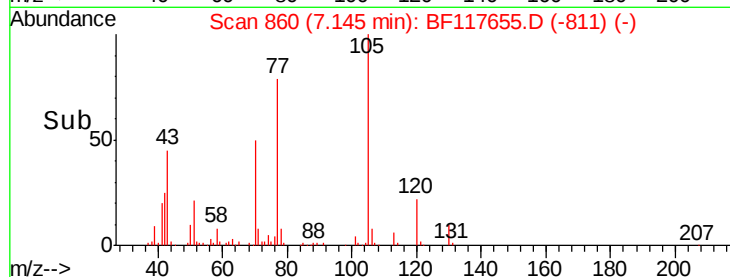
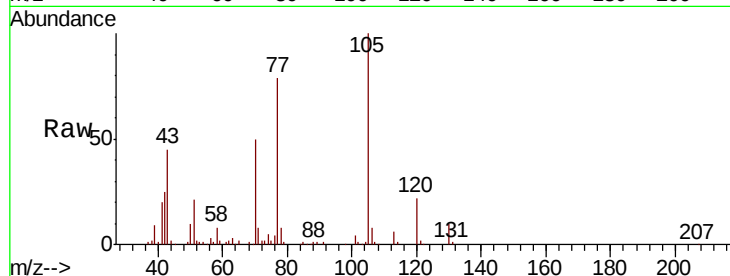
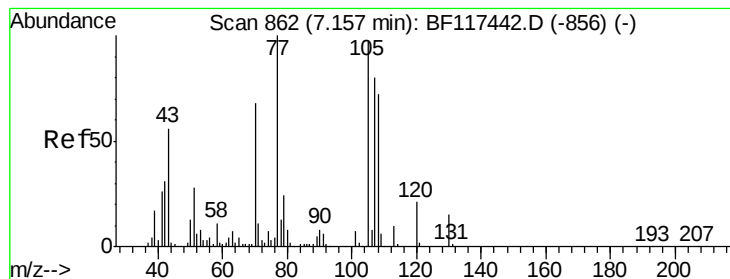
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#18
Hexachloroethane
Concen: 35.928 ng
RT: 7.23 min Scan# 874
Delta R.T. -0.02 min
Lab File: BF117655.D
Acq: 31 Oct 2019 13:57

Tgt Ion:	117	Resp:	40500
Ion Ratio	Lower	Upper	
117	100		
119	96.4	75.4	113.0
201	75.5	72.5	108.7





#19

n-Nitroso-di-n-propylamine

Concen: 40.481 ng

RT: 7.15 min Scan# 860

Delta R.T. -0.01 min

Lab File: BF117655.D

Acq: 31 Oct 2019 13:57

Instrument :

BNA_F

ClientSampleId :

PB124409BS

Tot Ion: 70 Resp: 80279

Ion Ratio Lower Upper

70 100

42 49.2 36.7 55.1

101 8.8 8.3 12.5

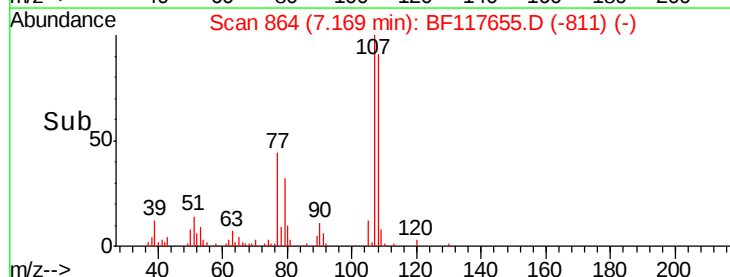
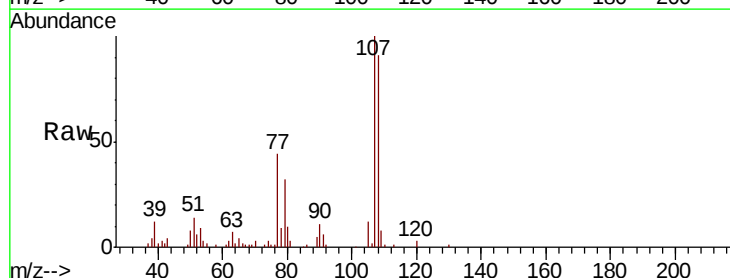
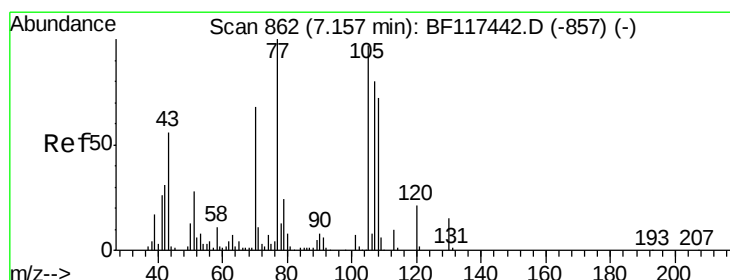
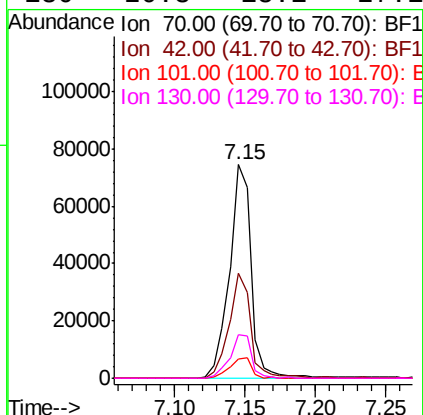
130 20.3 18.1 27.1

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#20

3+4-Methylphenols

Concen: 41.969 ng

RT: 7.17 min Scan# 864

Delta R.T. 0.01 min

Lab File: BF117655.D

Acq: 31 Oct 2019 13:57

Tgt Ion: 107 Resp: 115481

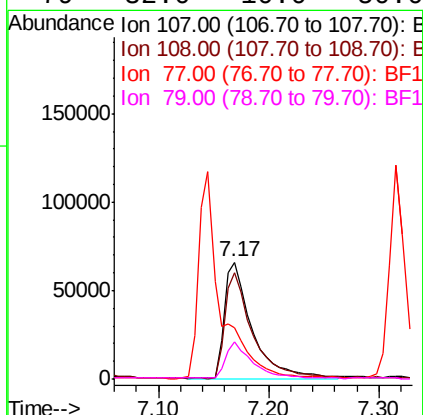
Ion Ratio Lower Upper

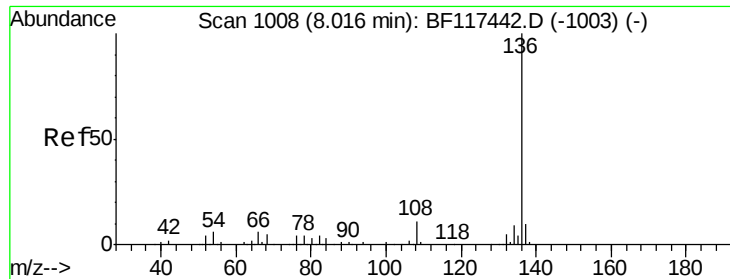
107 100

108 91.5 70.3 110.3

77 43.6 104.8 144.8#

79 32.0 10.0 50.0





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.01 min Scan# 1007

Delta R.T. -0.01 min

Lab File: BF117655.D

Acq: 31 Oct 2019 13:57

Instrument :

BNA_F

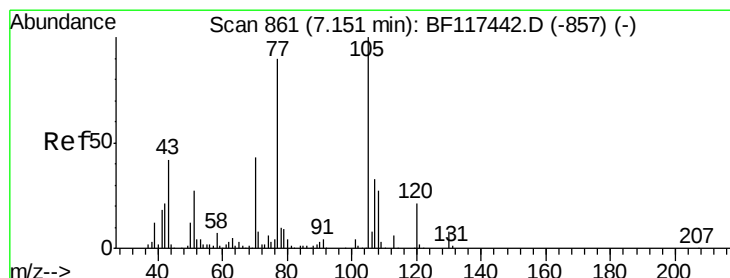
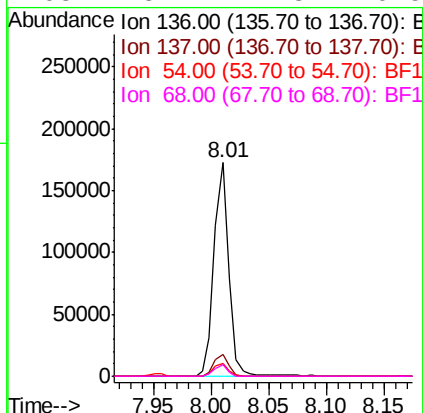
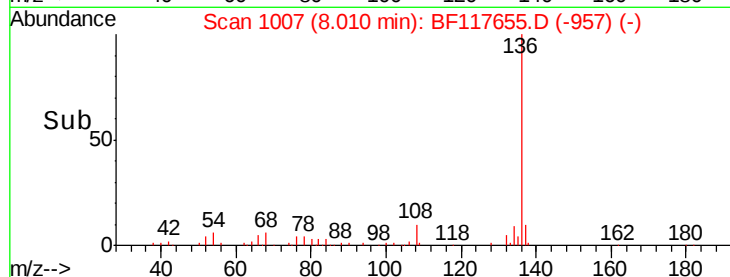
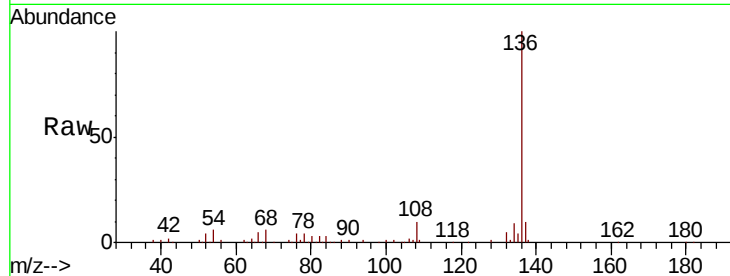
ClientSampleId :

PB124409BS

Tot Ion	Ion	Ratio	Resp	Lower	Upper
136	100		154353		
137	10.2	8.2	12.4		
54	5.8	4.5	6.7		
68	5.7	4.3	6.5		

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#22

Acetophenone

Concen: 38.374 ng

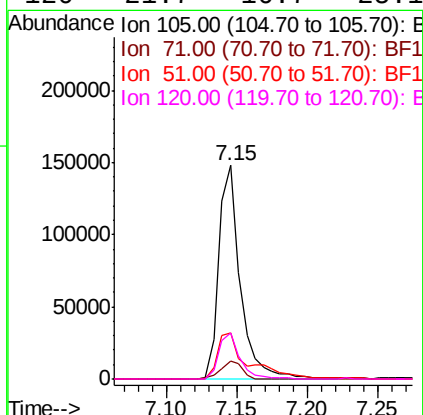
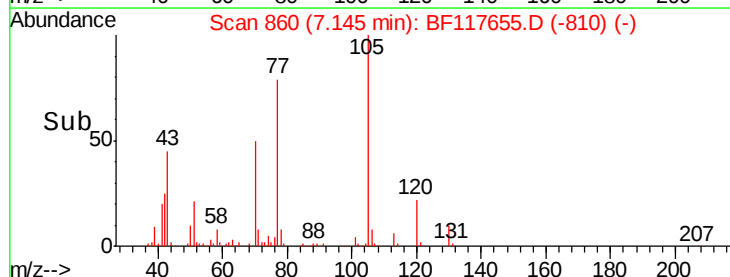
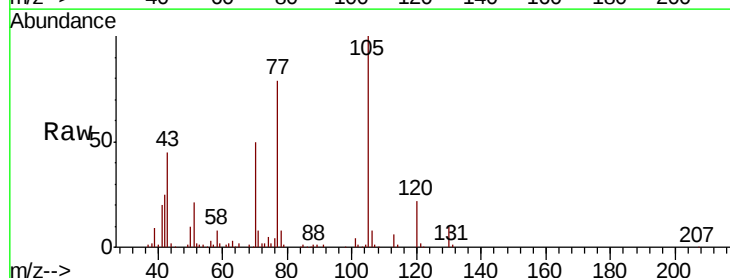
RT: 7.15 min Scan# 860

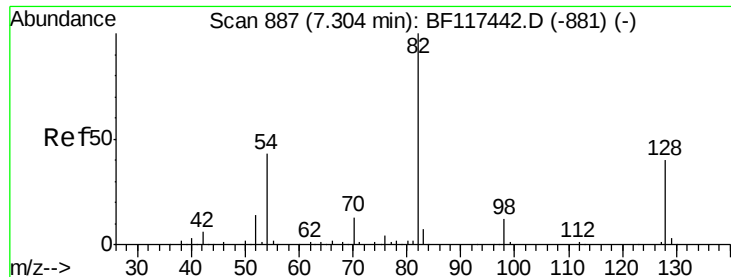
Delta R.T. -0.01 min

Lab File: BF117655.D

Acq: 31 Oct 2019 13:57

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
105	100		157281		
71	8.4	6.2	9.2		
51	21.4	21.8	32.6		
120	21.7	16.7	25.1		





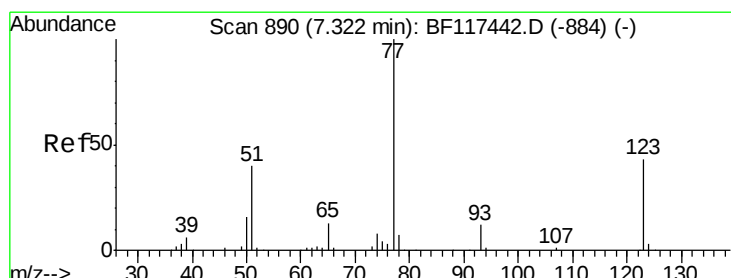
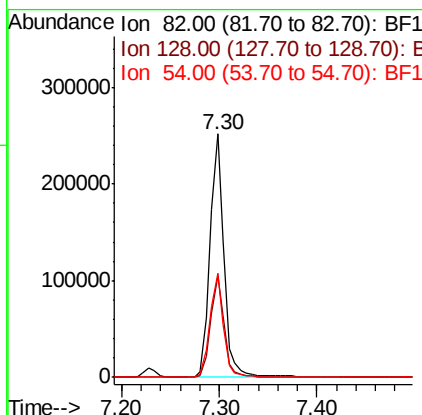
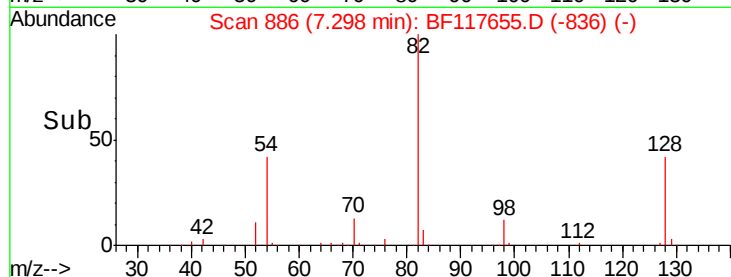
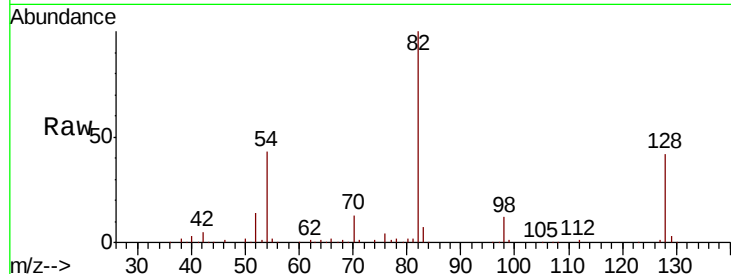
#23
Nitrobenzene-d5
Concen: 80.085 ng
RT: 7.30 min Scan# 886
Delta R.T. -0.01 min
Lab File: BF117655.D
Acq: 31 Oct 2019 13:57

Instrument :
BNA_F
ClientSampleId :
PB124409BS

Tot Ion	Ratio	Resp	Lower	Upper
82	100	250394		
128	41.5	32.2	48.2	
54	42.6	34.2	51.2	

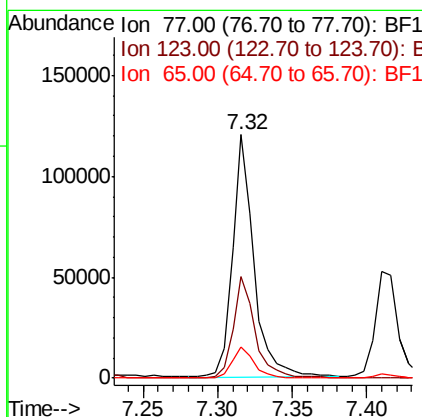
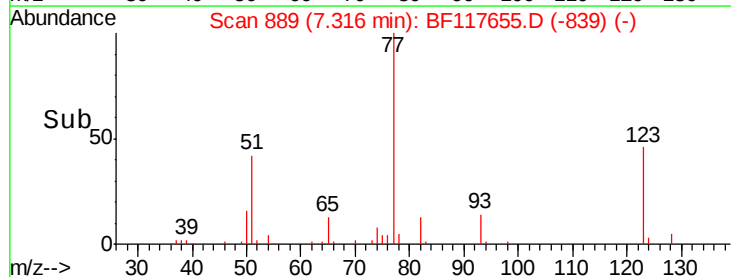
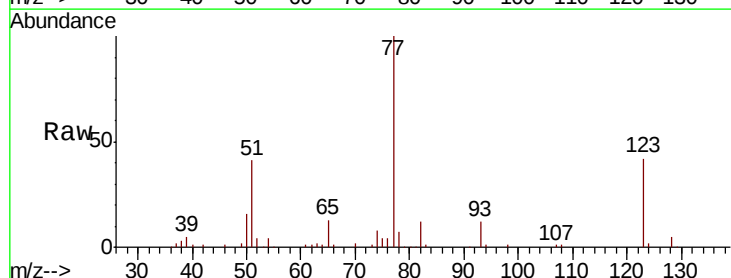
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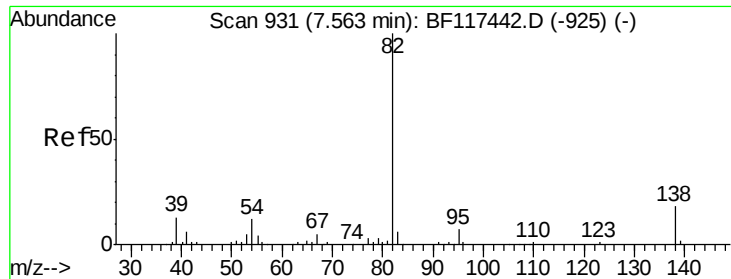
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#24
Nitrobenzene
Concen: 40.466 ng
RT: 7.32 min Scan# 889
Delta R.T. -0.01 min
Lab File: BF117655.D
Acq: 31 Oct 2019 13:57

Tgt Ion	Ratio	Resp	Lower	Upper
77	100	121182		
123	41.9	34.2	51.2	
65	12.7	10.3	15.5	





#25

Isophorone

Concen: 39.188 ng

RT: 7.56 min Scan# 930

Delta R.T. -0.01 min

Lab File: BF117655.D

Acq: 31 Oct 2019 13:57

Instrument :

BNA_F

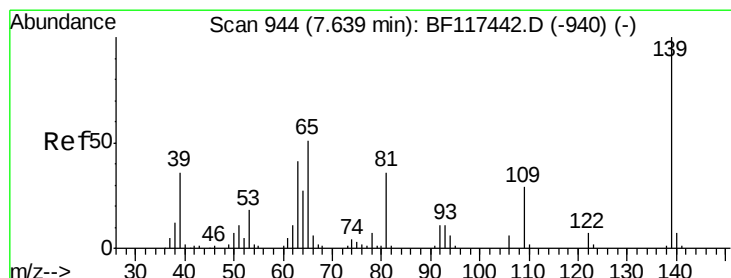
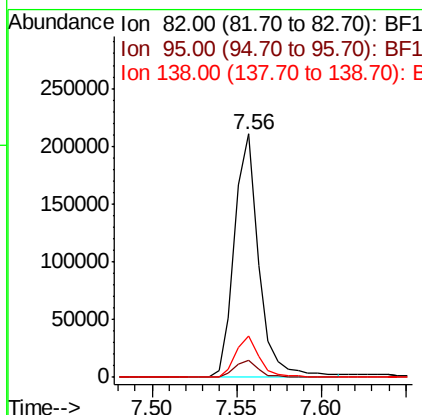
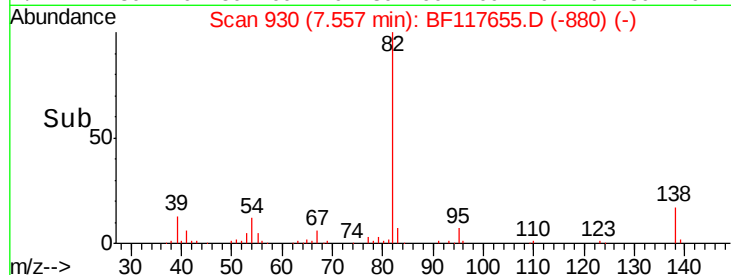
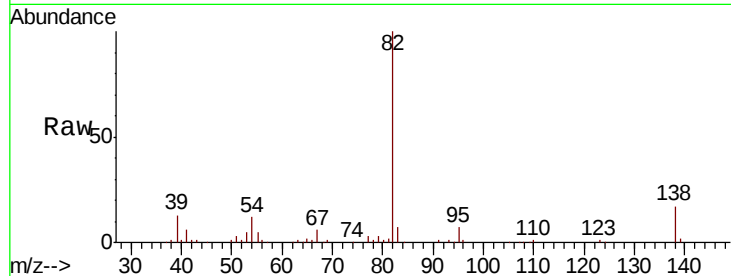
ClientSampleId :

PB124409BS

Tot Ion:	82	Resp:	211957
Ion Ratio		Lower	Upper
82	100		
95	6.9	5.4	8.0
138	16.9	14.2	21.2

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#26

2-Nitrophenol

Concen: 42.168 ng

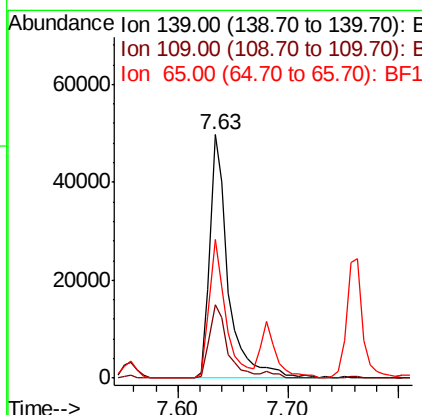
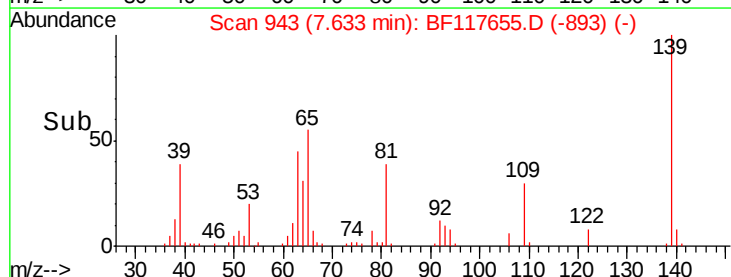
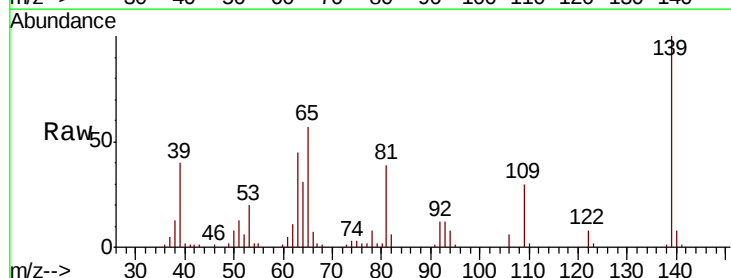
RT: 7.63 min Scan# 943

Delta R.T. -0.01 min

Lab File: BF117655.D

Acq: 31 Oct 2019 13:57

Tgt Ion:	139	Resp:	56320
Ion Ratio		Lower	Upper
139	100		
109	30.1	23.2	34.8
65	57.1	41.1	61.7





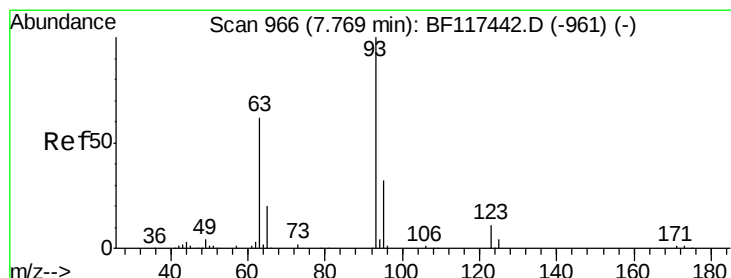
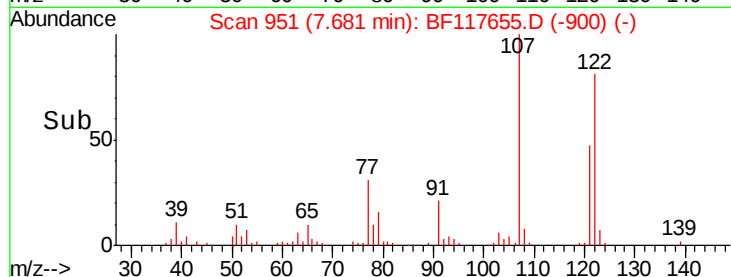
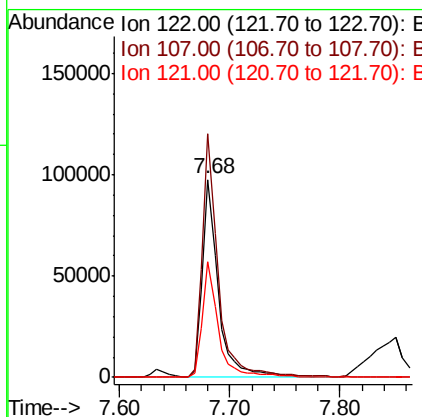
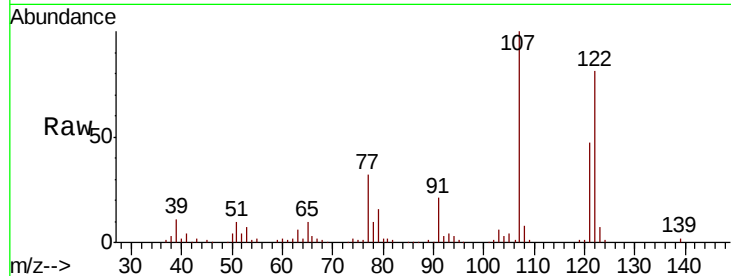
#27
2,4-Dimethylphenol
Concen: 48.189 ng
RT: 7.68 min Scan# 951
Delta R.T. -0.00 min
Lab File: BF117655.D
Acq: 31 Oct 2019 13:57

Instrument :
BNA_F
ClientSampleId :
PB124409BS

Tot Ion	Ratio	Lower	Upper
122	100		
107	123.0	96.8	145.2
121	58.2	46.4	69.6

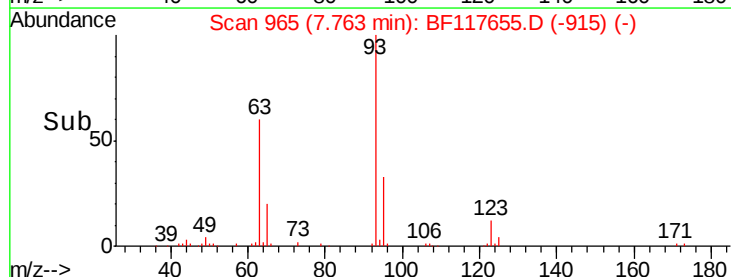
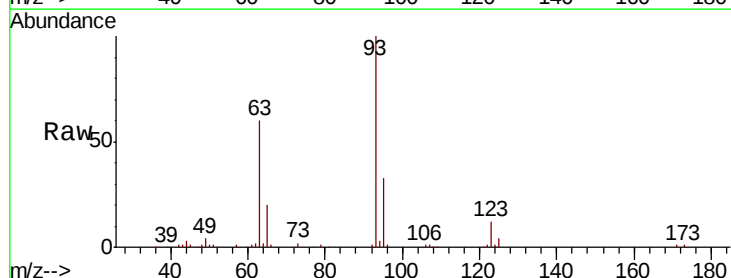
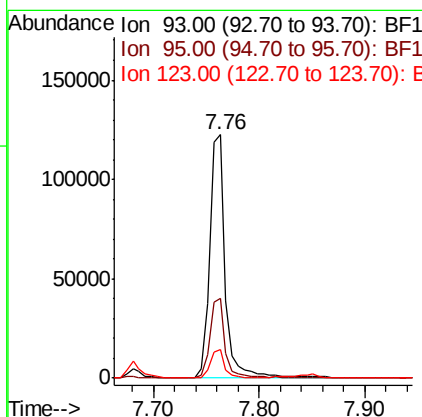
Manual Integrations
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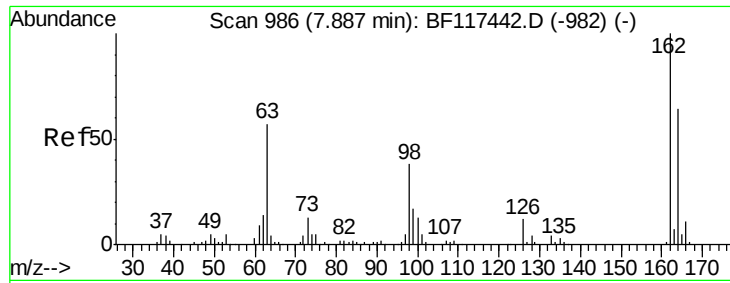
mohammad
11/1/2019 12:34:25 PM



#28
bis(2-Chloroethoxy)methane
Concen: 38.132 ng
RT: 7.76 min Scan# 965
Delta R.T. -0.01 min
Lab File: BF117655.D
Acq: 31 Oct 2019 13:57

Tgt Ion	Ratio	Lower	Upper
93	100		
95	32.9	25.5	38.3
123	11.6	9.0	13.6





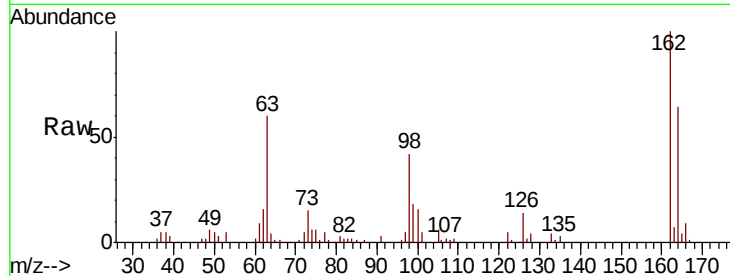
#29
 2,4-Dichlorophenol
 Concen: 41.146 ng
 RT: 7.89 min Scan# 987
 Delta R.T. 0.01 min
 Lab File: BF117655.D
 Acq: 31 Oct 2019 13:57

Instrument :
 BNA_F
 ClientSampleId :
 PB124409BS

Tot Ion	Ratio	Lower	Upper
162	100		
164	64.2	44.4	84.4
98	41.8	18.2	58.2

Manual Integrations
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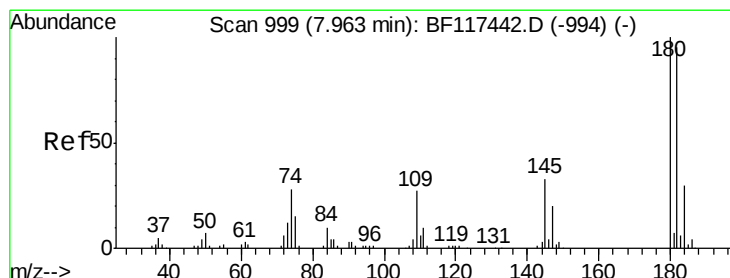
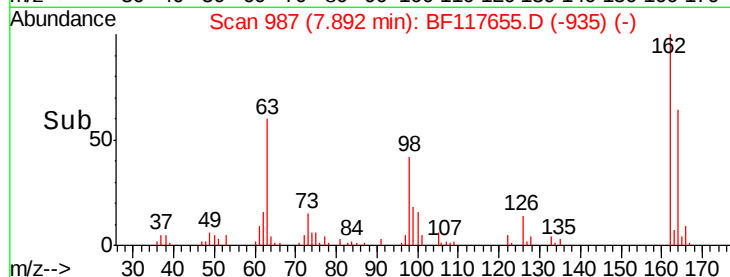
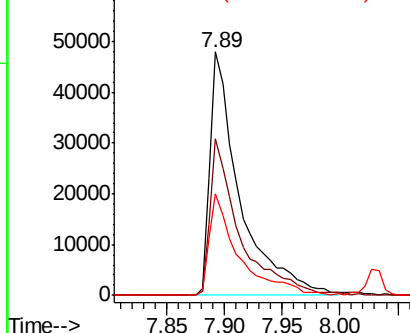


Abundance

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: 37.220 ng
 RT: 7.96 min Scan# 998
 Delta R.T. -0.01 min
 Lab File: BF117655.D
 Acq: 31 Oct 2019 13:57

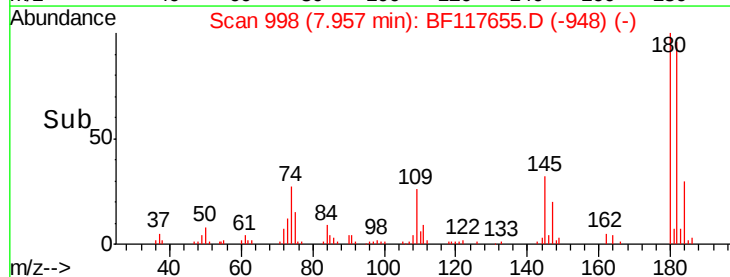
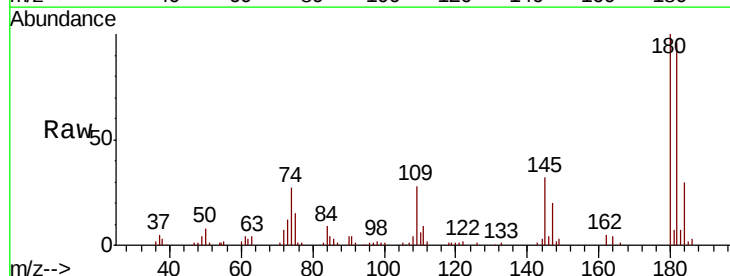
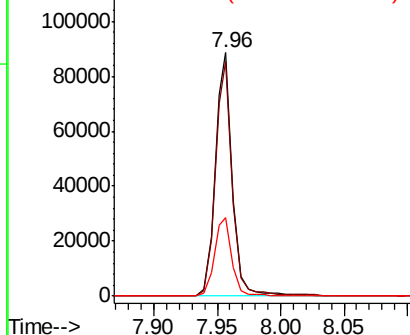
Tgt Ion	Ratio	Lower	Upper
180	100		
182	96.4	75.8	113.8
145	32.4	26.5	39.7

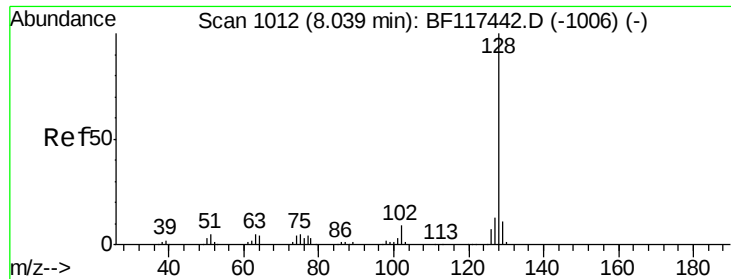
Abundance

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





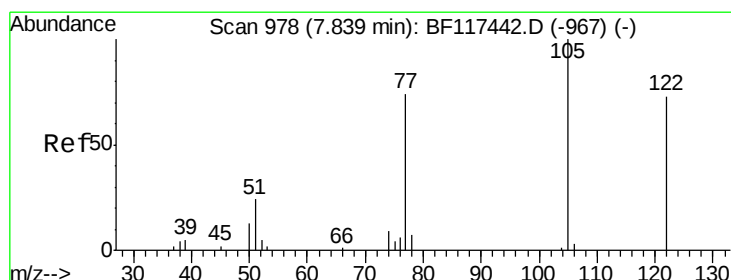
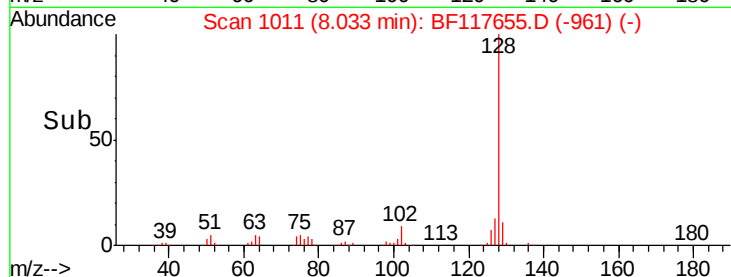
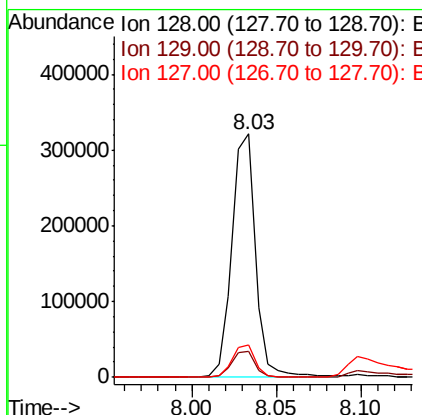
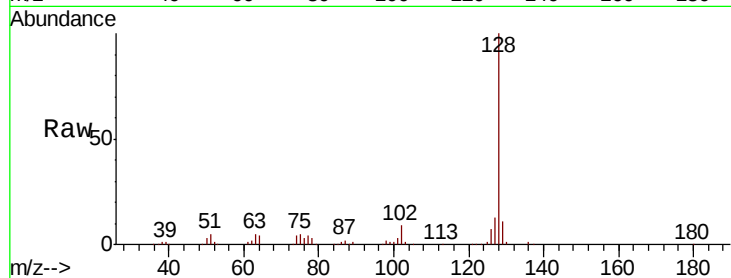
#31
Naphthalene
Concen: 41.017 ng
RT: 8.03 min Scan# 1011
Delta R.T. -0.01 min
Lab File: BF117655.D
Acq: 31 Oct 2019 13:57

Instrument :
BNA_F
ClientSampleId :
PB124409BS

Tot Ion	Ratio	Lower	Upper
128	100		
129	10.8	9.0	13.4
127	13.1	10.2	15.2

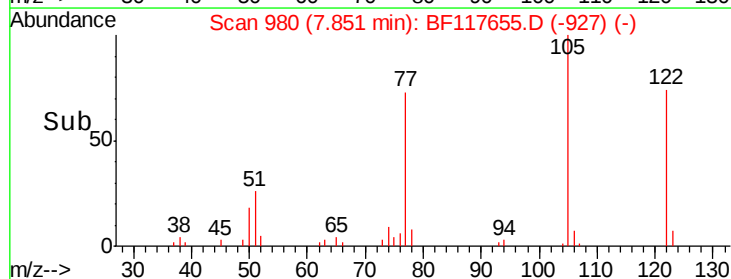
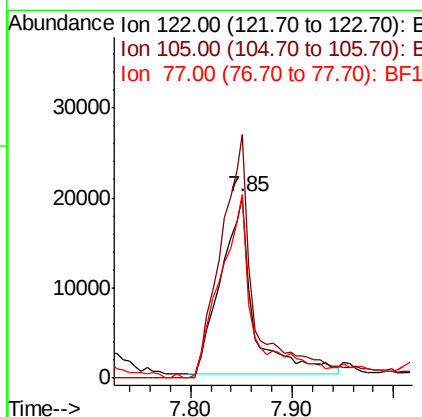
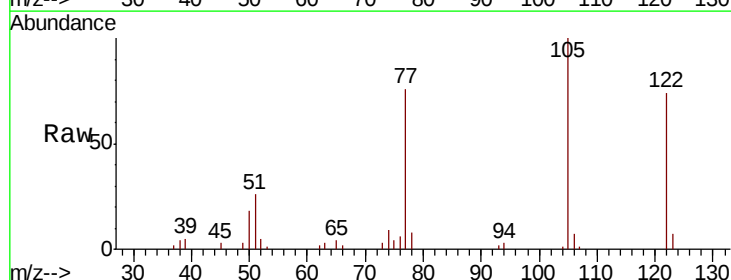
Manual Integrations
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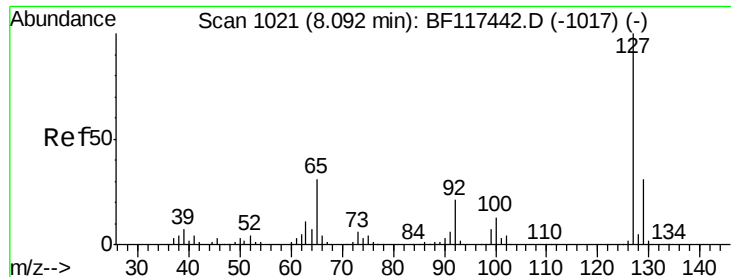
mohammad
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#32
Benzoic acid
Concen: 32.435 ng
RT: 7.85 min Scan# 980
Delta R.T. 0.01 min
Lab File: BF117655.D
Acq: 31 Oct 2019 13:57

Tgt Ion	Ratio	Lower	Upper
122	100		
105	134.6	115.0	155.0
77	101.6	79.7	119.7





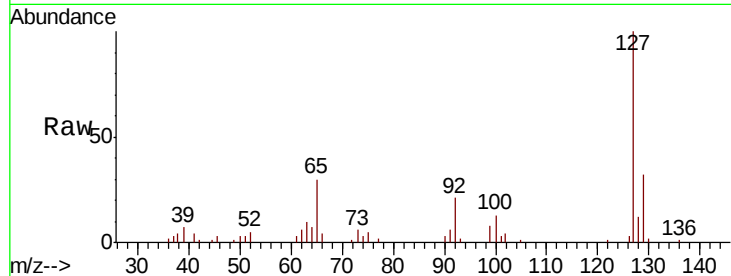
#33
4-Chloroaniline
Concen: 18.142 ng
RT: 8.10 min Scan# 1022
Delta R.T. 0.01 min
Lab File: BF117655.D
Acq: 31 Oct 2019 13:57

Instrument :
BNA_F
ClientSampleId :
PB124409BS

Tot Ion	Ratio	Lower	Upper
127	100		
129	32.4	24.8	37.2
65	29.7	24.6	37.0
92	21.1	16.5	24.7

Manual Integrations
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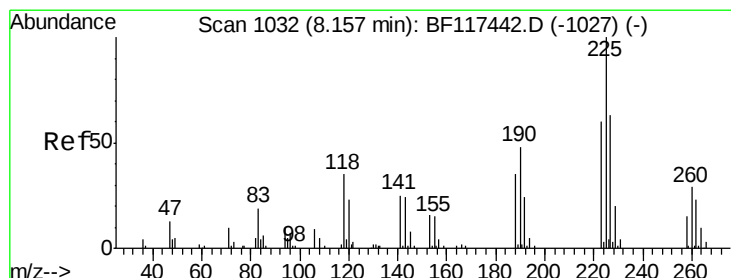
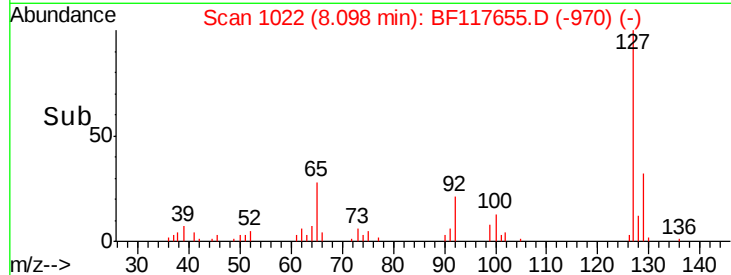
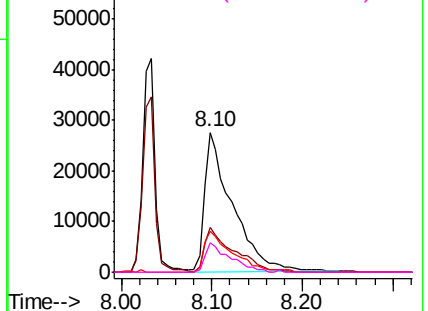
Abundance

Ion 127.00 (126.70 to 127.70): E

Ion 129.00 (128.70 to 129.70): E

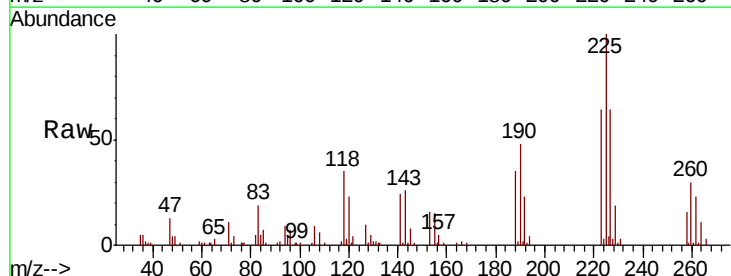
Ion 65.00 (64.70 to 65.70): BF1

Ion 92.00 (91.70 to 92.70): BF1



#34
Hexachlorobutadiene
Concen: 34.904 ng
RT: 8.15 min Scan# 1030
Delta R.T. -0.01 min
Lab File: BF117655.D
Acq: 31 Oct 2019 13:57

Tgt Ion	Ratio	Lower	Upper
225	100		
223	64.4	48.2	72.4
227	63.6	50.2	75.4

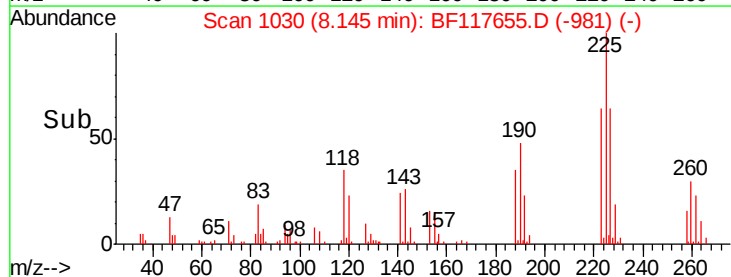
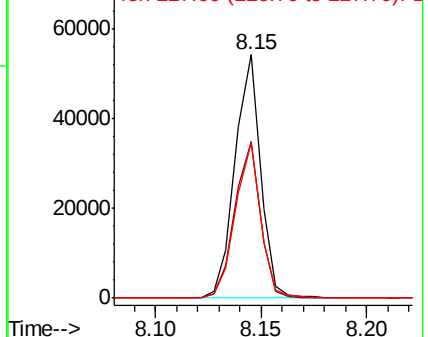


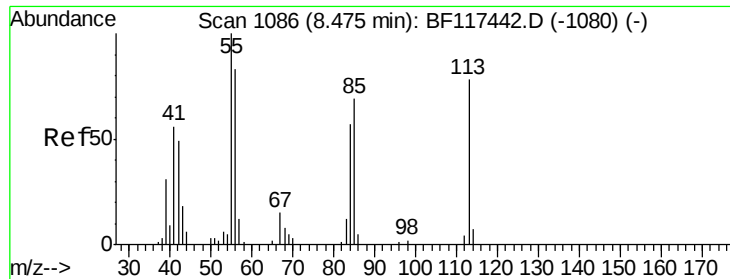
Abundance

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





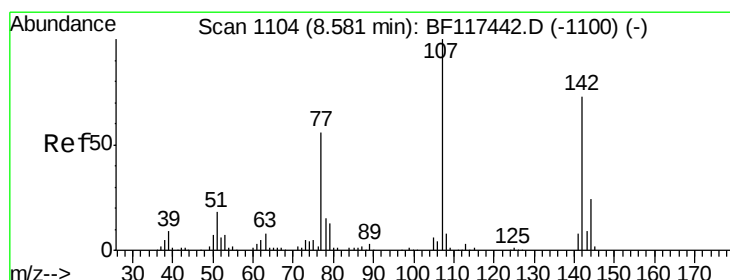
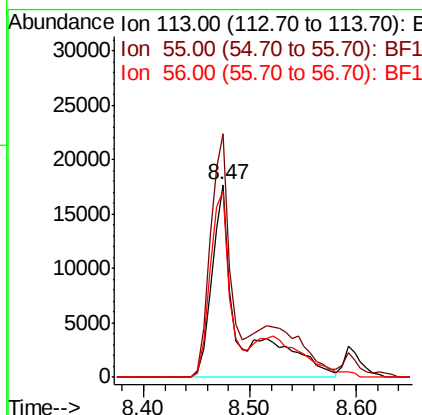
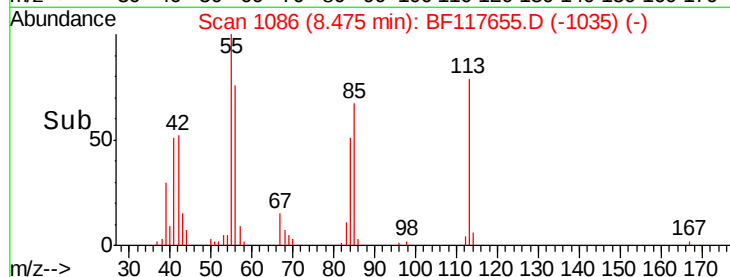
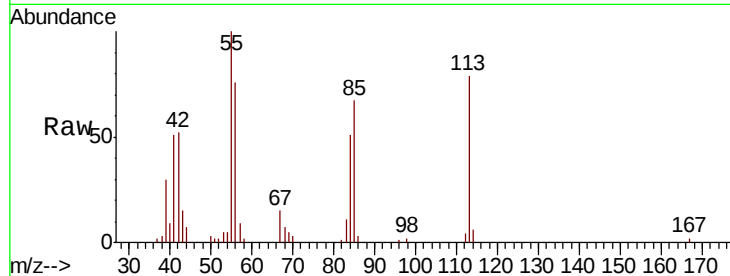
#35
 Caprolactam
 Concen: 46.845 ng/ml
 RT: 8.47 min Scan# 1086
 Delta R.T. -0.00 min
 Lab File: BF117655.D
 Acq: 31 Oct 2019 13:57

Instrument :
 BNA_F
 ClientSampleId :
 PB124409BS

Tot Ion	Ratio	Lower	Upper
113	100		
55	126.4	108.8	148.8
56	96.5	87.2	127.2

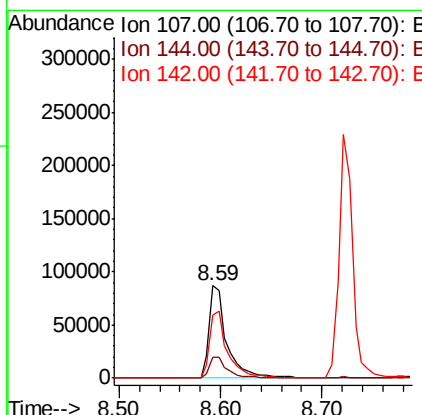
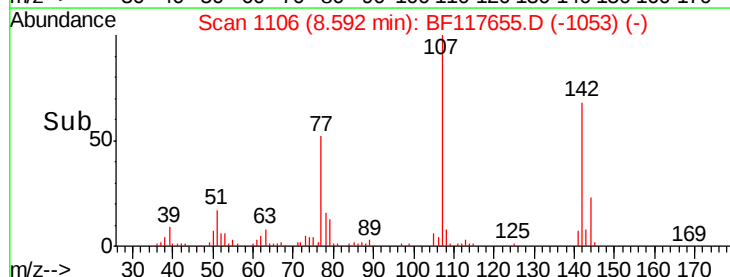
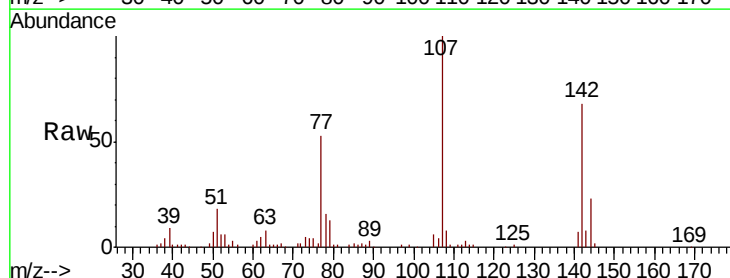
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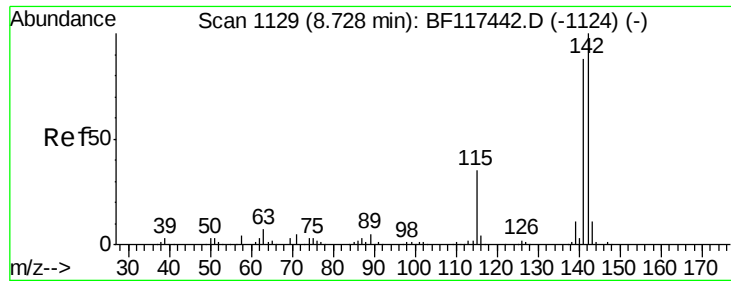
mohammad
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#36
 4-Chloro-3-methylphenol
 Concen: 44.202 ng/ml
 RT: 8.59 min Scan# 1106
 Delta R.T. 0.01 min
 Lab File: BF117655.D
 Acq: 31 Oct 2019 13:57

Tgt Ion	Ratio	Lower	Upper
107	100		
144	22.6	18.9	28.3
142	68.2	58.6	88.0





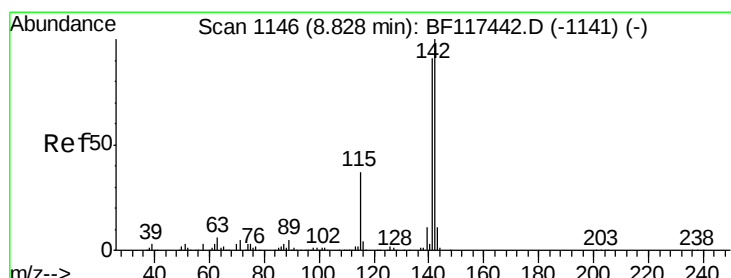
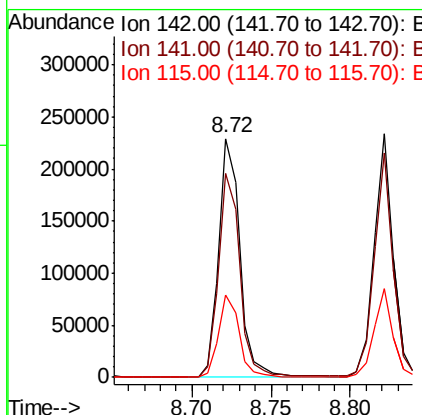
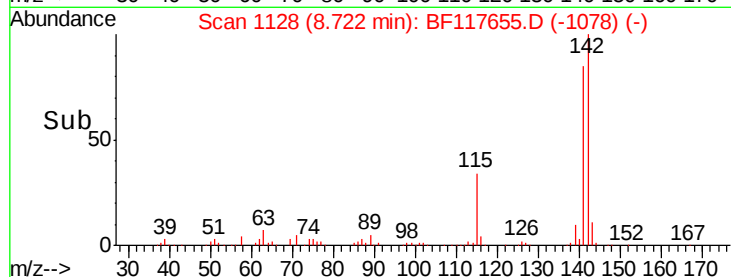
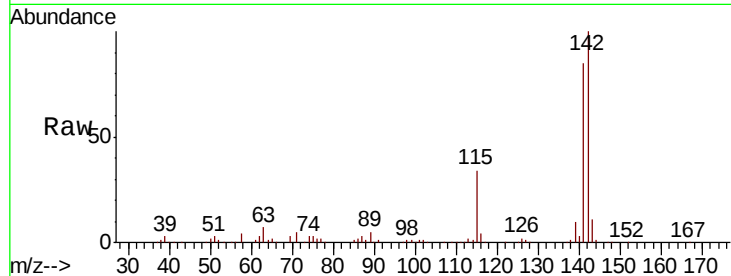
#37
2-Methylnaphthalene
Concen: 41.524 ng
RT: 8.72 min Scan# 1128
Delta R.T. -0.01 min
Lab File: BF117655.D
Acq: 31 Oct 2019 13:57

Instrument :
BNA_F
ClientSampleId :
PB124409BS

Tot Ion	Ratio	Lower	Upper
142	100		
141	85.5	70.3	105.5
115	34.4	28.2	42.2

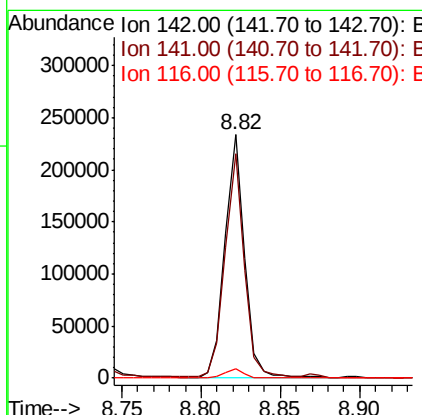
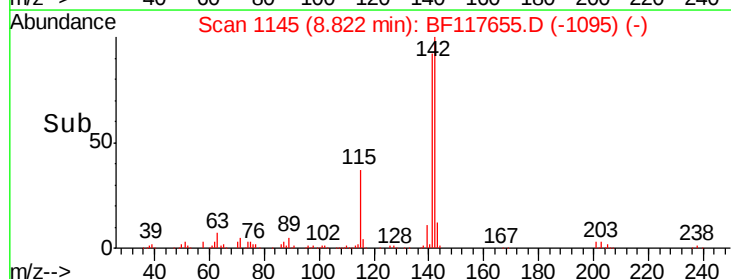
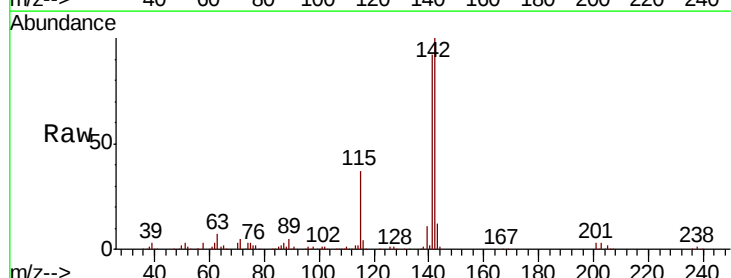
Manual Integrations
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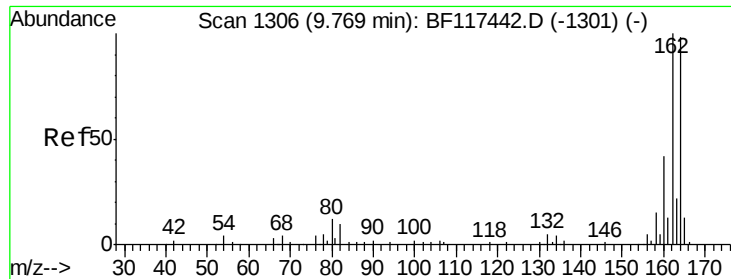
mohammad
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#38
1-Methylnaphthalene
Concen: 41.059 ng
RT: 8.82 min Scan# 1145
Delta R.T. -0.01 min
Lab File: BF117655.D
Acq: 31 Oct 2019 13:57

Tgt Ion	Ratio	Lower	Upper
142	100		
141	92.1	73.3	109.9
116	3.8	3.1	4.7





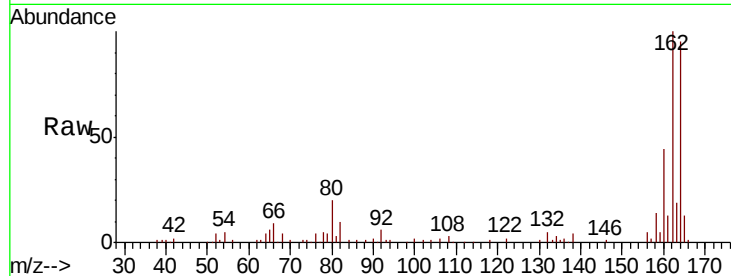
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.76 min Scan# 1305
Delta R.T. -0.01 min
Lab File: BF117655.D
Acq: 31 Oct 2019 13:57

Instrument :
BNA_F
ClientSampled :
PB124409BS

Tot Ion	Ratio	Lower	Upper
164	100		
162	105.2	81.8	122.6
160	45.8	34.4	51.6

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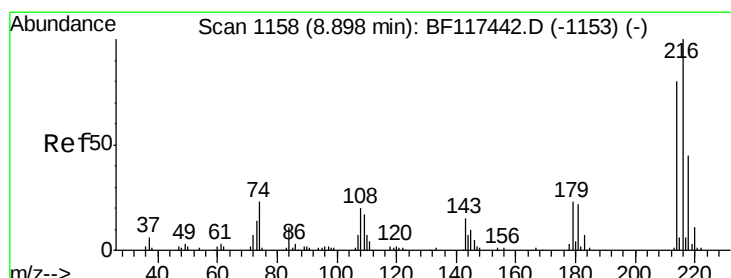
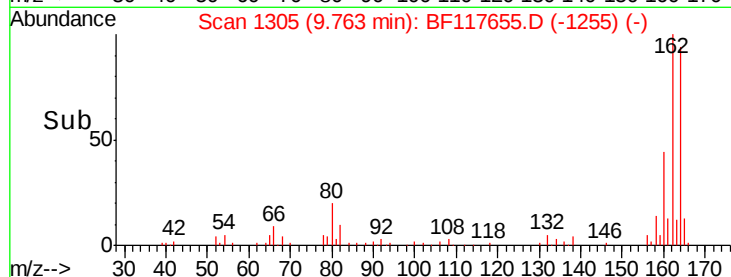
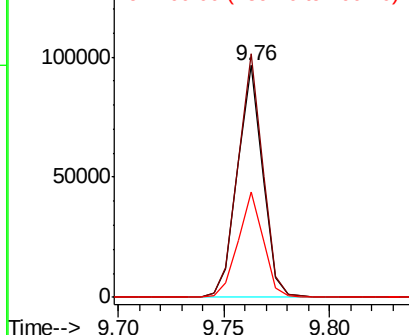


Abundance

Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E



#40
1,2,4,5-Tetrachlorobenzene
Concen: 36.332 ng
RT: 8.89 min Scan# 1157
Delta R.T. -0.01 min
Lab File: BF117655.D
Acq: 31 Oct 2019 13:57

Tgt Ion	Ratio	Lower	Upper
216	100		
214	81.4	62.4	93.6
179	23.1	18.1	27.1
108	22.4	16.6	24.8

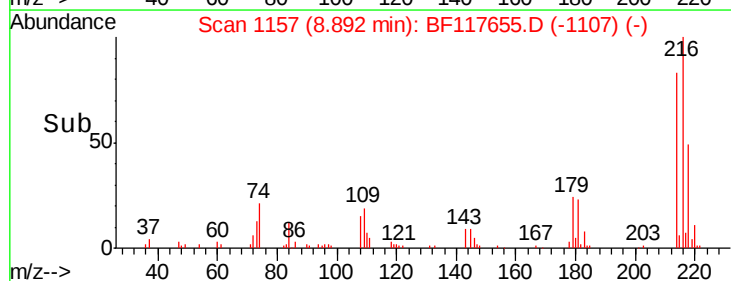
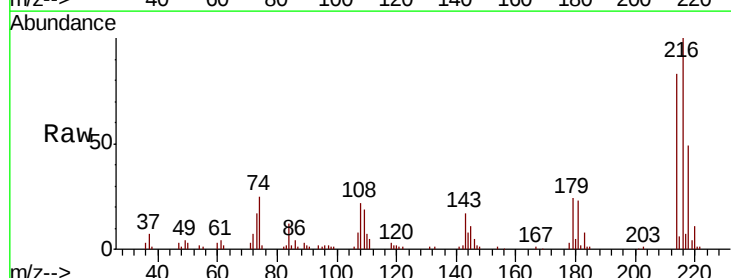
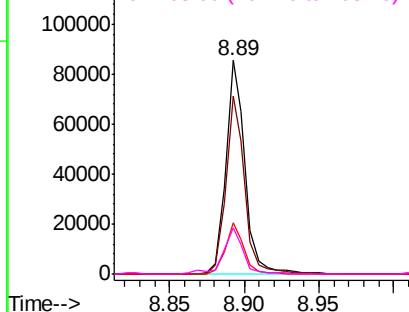
Abundance

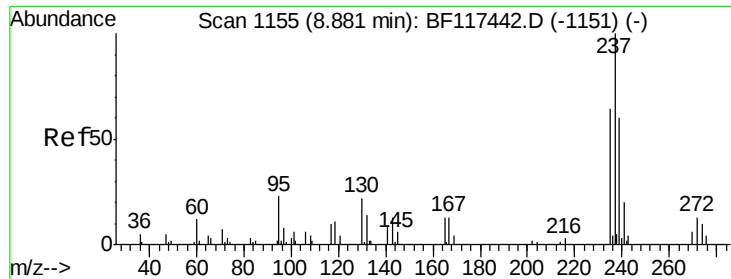
Ion 216.00 (215.70 to 216.70): E

Ion 214.00 (213.70 to 214.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 108.00 (107.70 to 108.70): E





#41

Hexachlorocyclopentadiene

Concen: 46.520 ng

RT: 8.87 min Scan# 1154

Delta R.T. -0.01 min

Lab File: BF117655.D

Acq: 31 Oct 2019 13:57

Instrument :

BNA_F

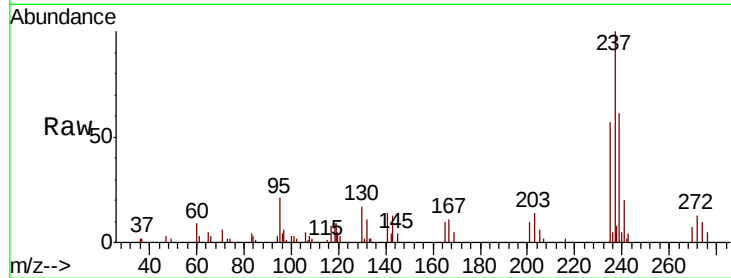
ClientSampleId :

PB124409BS

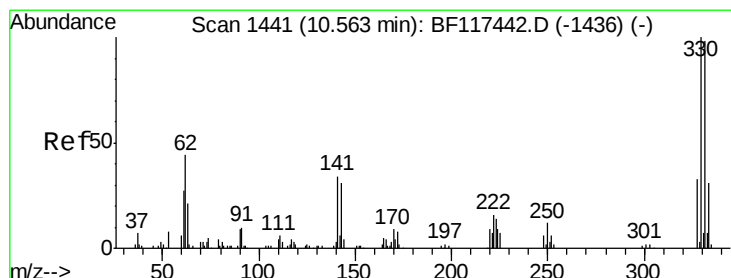
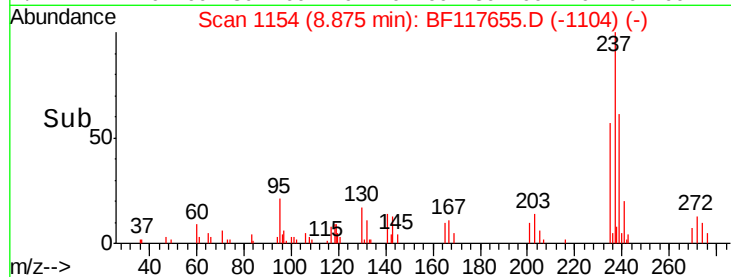
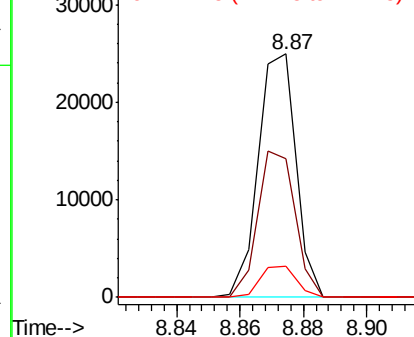
Tot Ion:	237	Resp:	20704
Ion Ratio	Lower	Upper	
237	100		
235	57.1	44.3	84.3
272	12.6	0.0	33.2

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: 76.994 ng

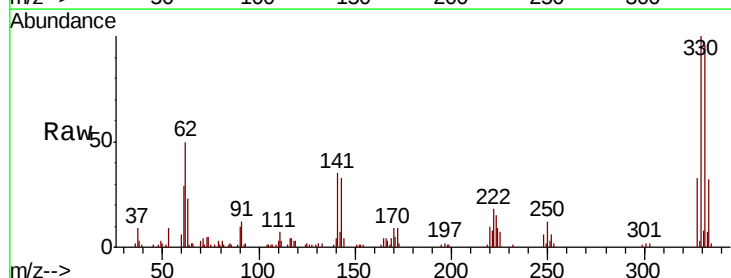
RT: 10.56 min Scan# 1441

Delta R.T. -0.00 min

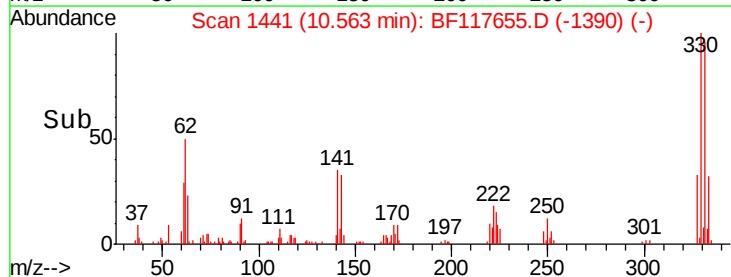
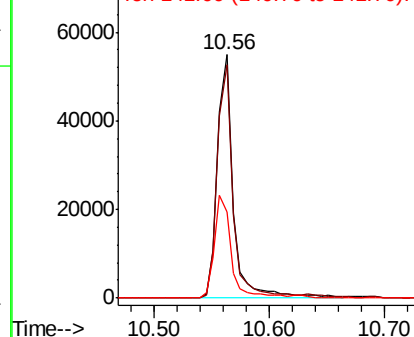
Lab File: BF117655.D

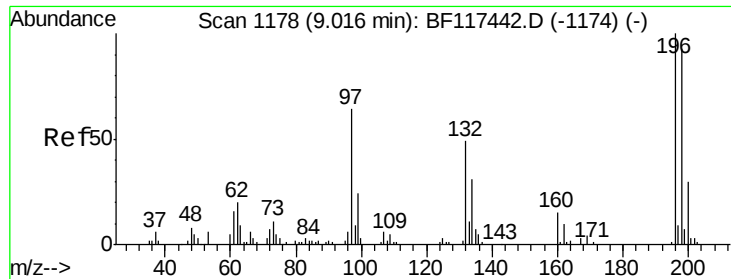
Acq: 31 Oct 2019 13:57

Tgt Ion:	330	Resp:	52823
Ion Ratio	Lower	Upper	
330	100		
332	97.2	78.5	117.7
141	43.9	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





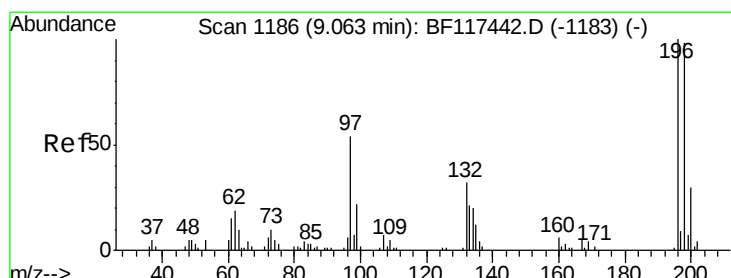
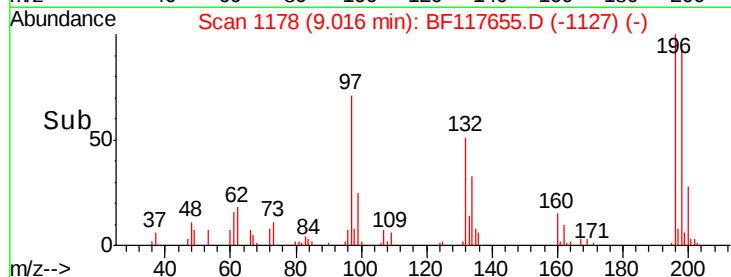
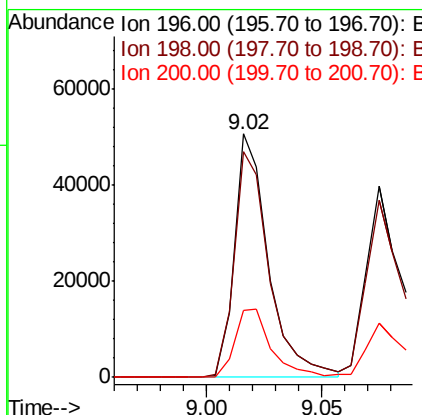
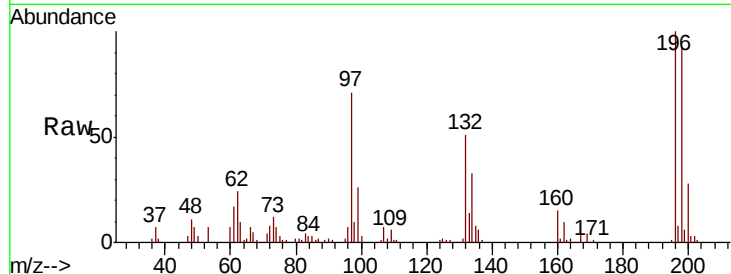
#43
 2,4,6-Trichlorophenol
 Concen: 38.894 ng
 RT: 9.02 min Scan# 1178
 Delta R.T. -0.00 min
 Lab File: BF117655.D
 Acq: 31 Oct 2019 13:57

Instrument :
 BNA_F
 ClientSampleID :
 PB124409BS

Tot Ion:	196	Resp:	52016
Ion Ratio	Lower	Upper	
196	100		
198	92.8	74.1	111.1
200	27.5	23.9	35.9

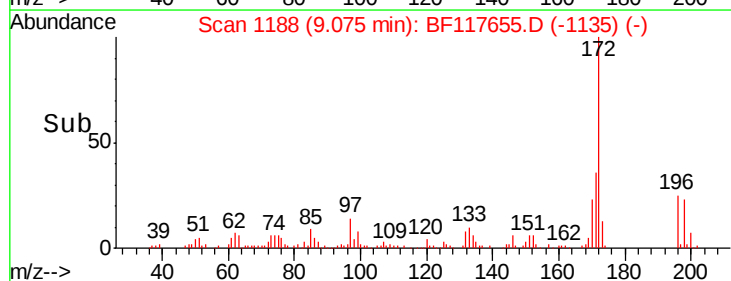
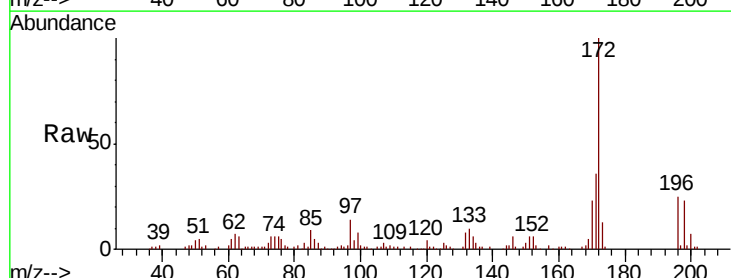
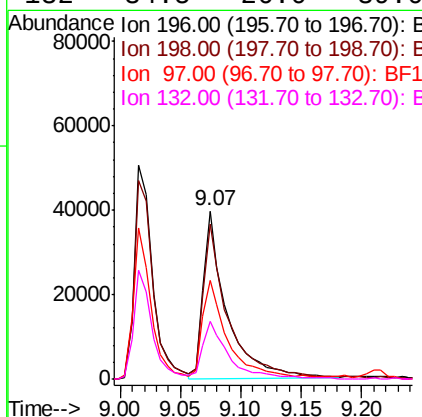
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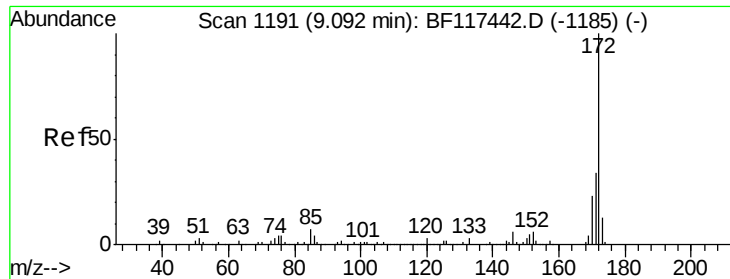
mohammad
 11/1/2019 12:34:25 PM



#44
 2,4,5-Trichlorophenol
 Concen: 39.317 ng
 RT: 9.07 min Scan# 1188
 Delta R.T. 0.01 min
 Lab File: BF117655.D
 Acq: 31 Oct 2019 13:57

Tgt Ion:	196	Resp:	53282
Ion Ratio	Lower	Upper	
196	100		
198	92.8	78.6	117.8
97	59.0	43.4	65.2
132	34.5	26.0	39.0





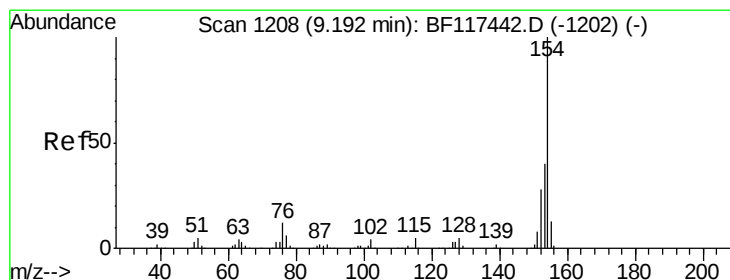
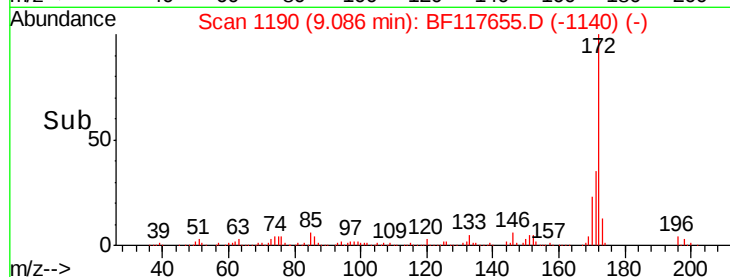
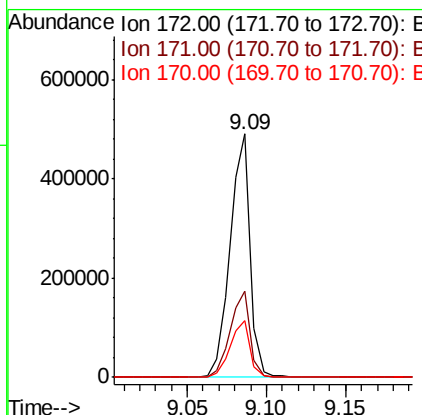
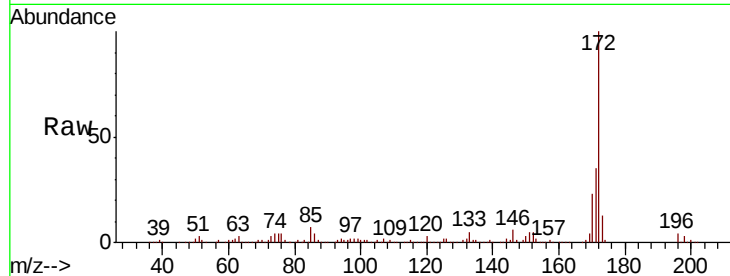
#45
2-Fluorobiphenyl
Concen: 76.420 ng
RT: 9.09 min Scan# 1190
Delta R.T. -0.01 min
Lab File: BF117655.D
Acq: 31 Oct 2019 13:57

Instrument :
BNA_F
ClientSampleId :
PB124409BS

Tot Ion	Ratio	Resp	Lower	Upper
172	100			
171	35.2	27.5	41.3	
170	23.2	18.6	27.8	

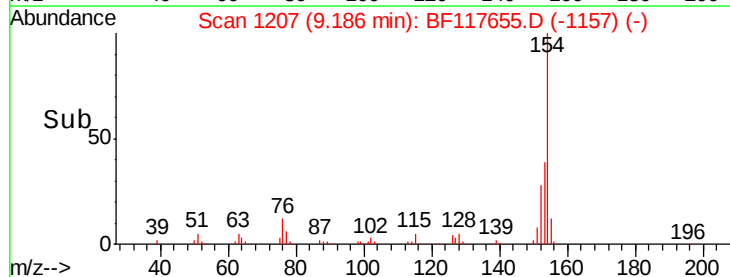
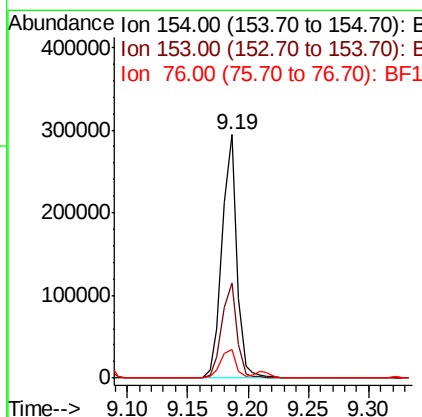
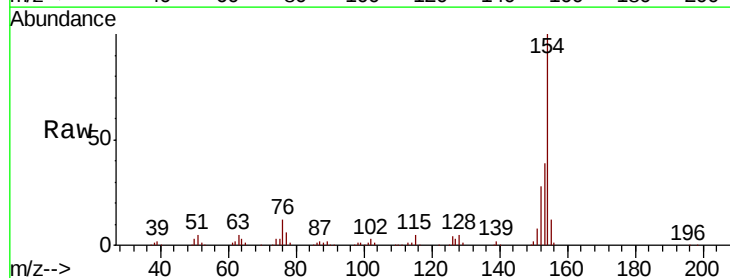
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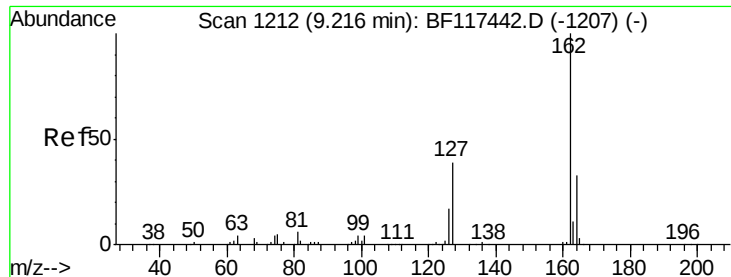
mohammad
11/1/2019 12:34:25 PM



#46
1,1'-Biphenyl
Concen: 37.998 ng
RT: 9.19 min Scan# 1207
Delta R.T. -0.01 min
Lab File: BF117655.D
Acq: 31 Oct 2019 13:57

Tgt Ion	Ratio	Resp	Lower	Upper
154	100			
153	39.1	20.2	60.2	
76	11.6	0.0	32.1	





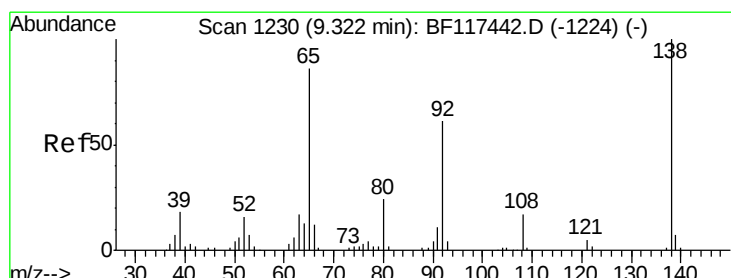
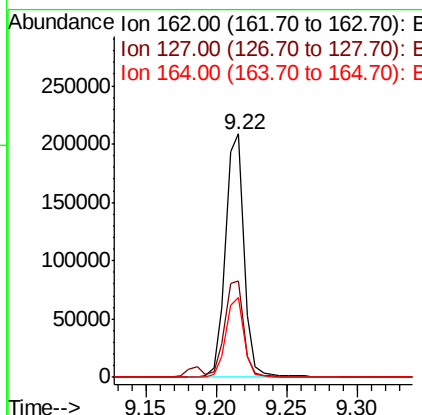
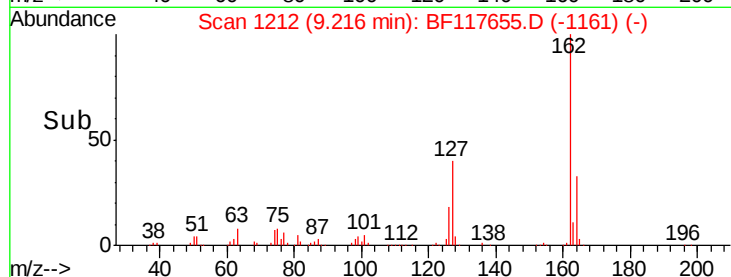
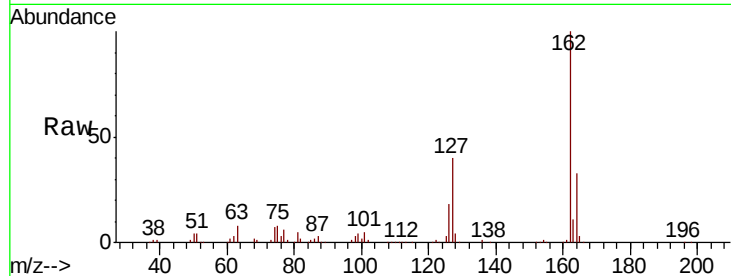
#47
 2-Chloronaphthalene
 Concen: 39.012 ng
 RT: 9.22 min Scan# 1212
 Delta R.T. -0.00 min
 Lab File: BF117655.D
 Acq: 31 Oct 2019 13:57

Instrument :
 BNA_F
 ClientSampleID :
 PB124409BS

Tot Ion	Ion	Ratio	Resp	Lower	Upper
162	100				
127	39.5	34.2	51.4		
164	32.9	26.4	39.6		

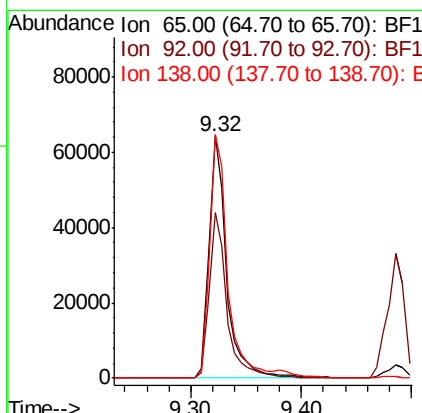
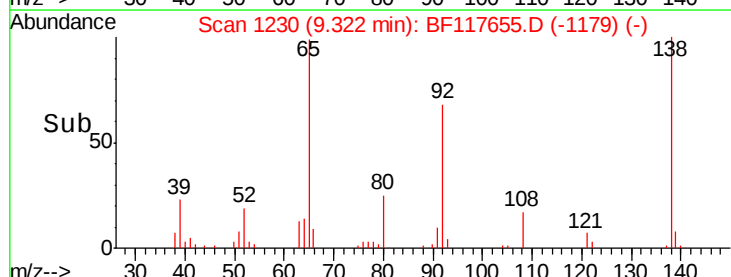
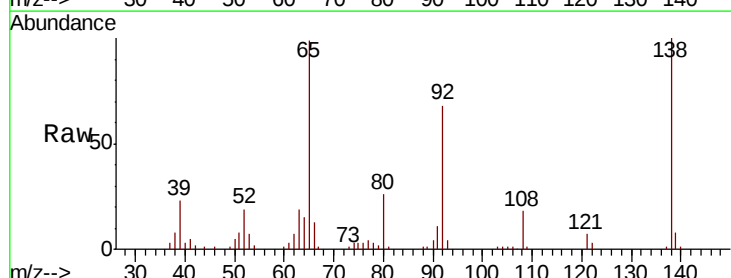
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#48
 2-Nitroaniline
 Concen: 42.522 ng
 RT: 9.32 min Scan# 1230
 Delta R.T. -0.00 min
 Lab File: BF117655.D
 Acq: 31 Oct 2019 13:57

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
65	100				
92	68.5	57.3	85.9		
138	100.7	93.3	139.9		





#49

Acenaphthylene

Concen: 42.708 ng

RT: 9.63 min Scan# 1282

Delta R.T. -0.00 min

Lab File: BF117655.D

Acq: 31 Oct 2019 13:57

Instrument :

BNA_F

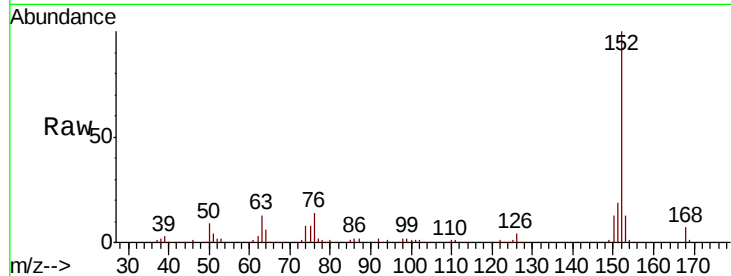
ClientSampleId :

PB124409BS

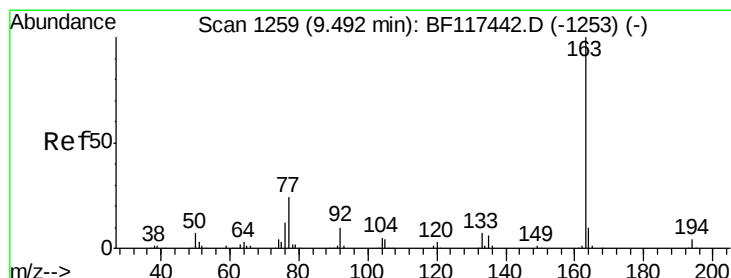
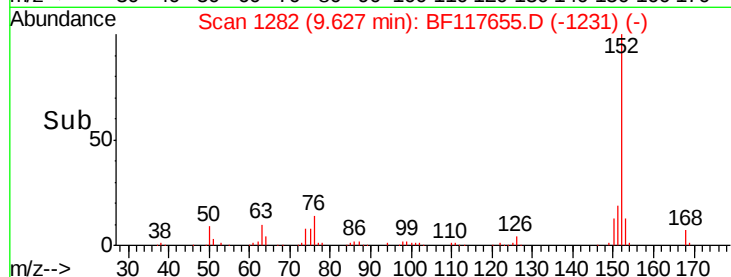
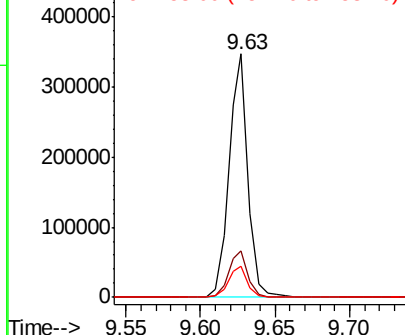
Tot Ion:	152	Resp:	310468
Ion Ratio	Lower	Upper	
152	100		
151	19.0	15.4	23.0
153	12.6	10.3	15.5

Manual Integrations
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Abundance Ion 152.00 (151.70 to 152.70): E
Ion 151.00 (150.70 to 151.70): E
Ion 153.00 (152.70 to 153.70): E



#50

Dimethylphthalate

Concen: 39.700 ng

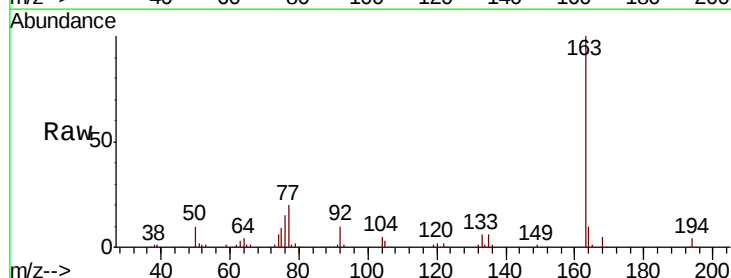
RT: 9.49 min Scan# 1259

Delta R.T. -0.00 min

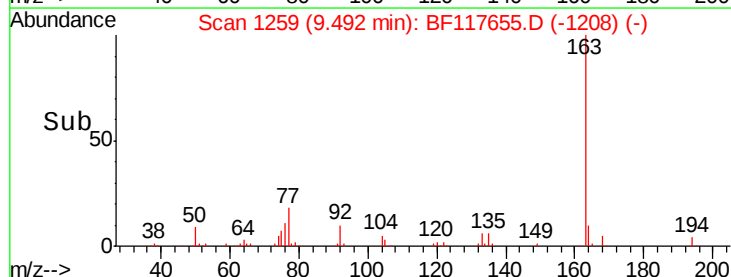
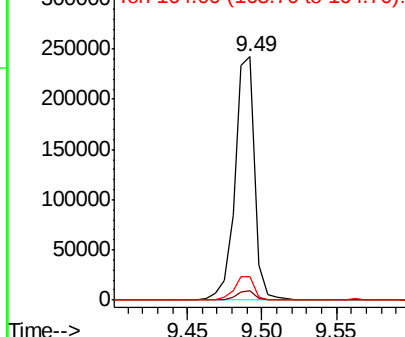
Lab File: BF117655.D

Acq: 31 Oct 2019 13:57

Tgt Ion:	163	Resp:	224407
Ion Ratio	Lower	Upper	
163	100		
194	4.0	2.9	4.3
164	9.7	8.2	12.2



Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E





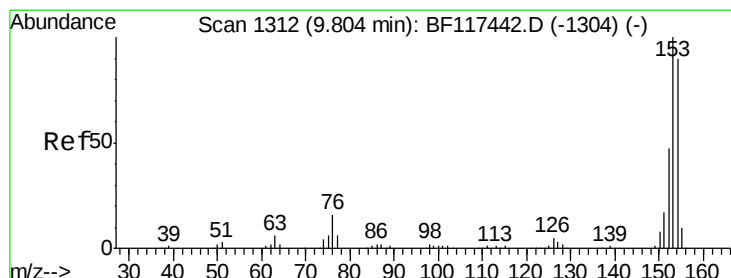
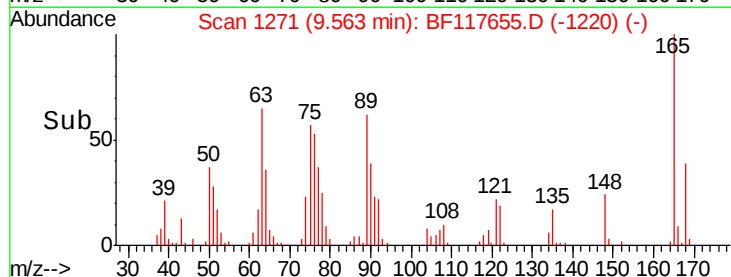
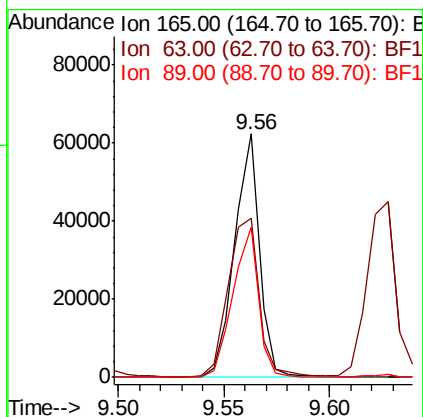
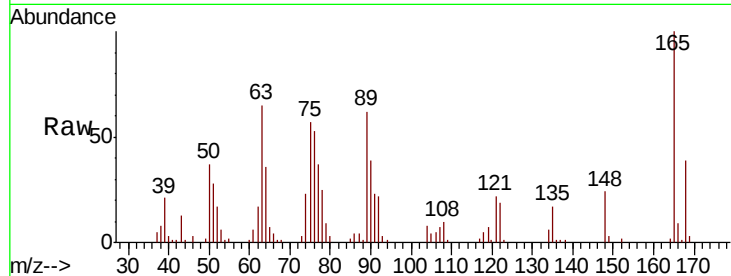
#51
2,6-Dinitrotoluene
Concen: 42.865 ng
RT: 9.56 min Scan# 1271
Delta R.T. -0.00 min
Lab File: BF117655.D
Acq: 31 Oct 2019 13:57

Instrument :
BNA_F
ClientSampleId :
PB124409BS

Tot Ion	Ratio	Resp Lower	Upper
165	100		
63	65.3	43.8	65.8
89	61.9	47.6	71.4

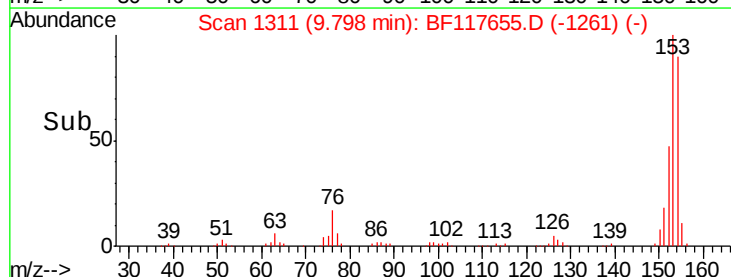
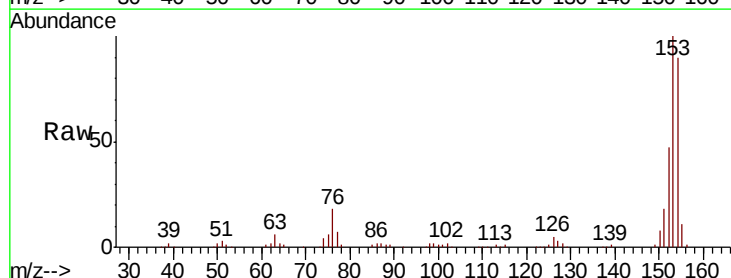
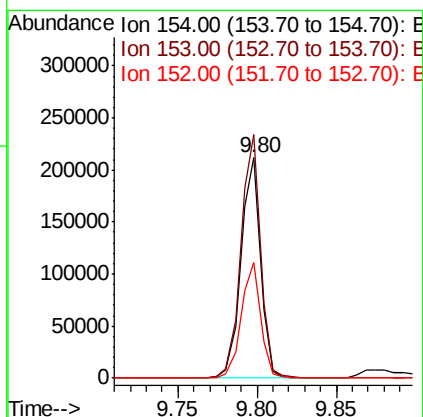
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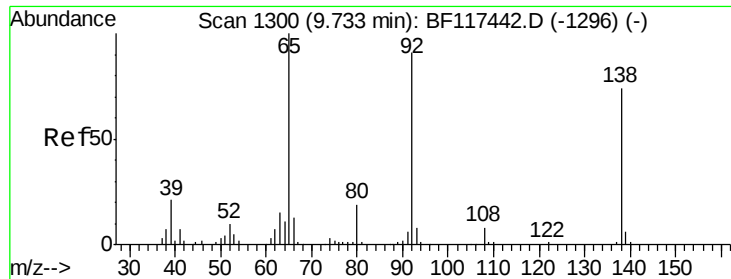
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#52
Acenaphthene
Concen: 40.543 ng
RT: 9.80 min Scan# 1311
Delta R.T. -0.01 min
Lab File: BF117655.D
Acq: 31 Oct 2019 13:57

Tgt Ion	Ratio	Resp Lower	Upper
154	100		
153	110.5	89.2	133.8
152	52.3	41.8	62.6





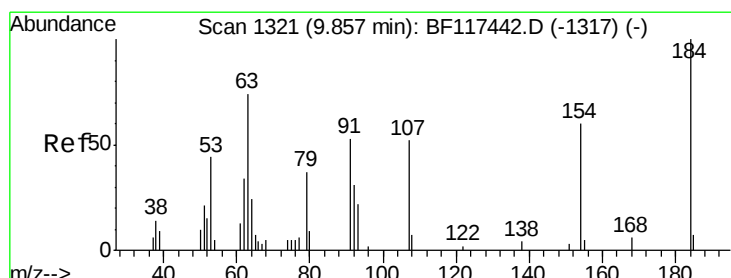
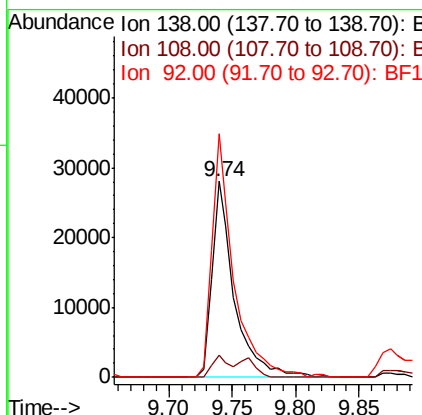
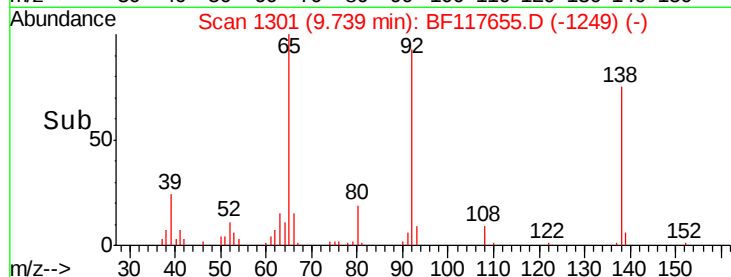
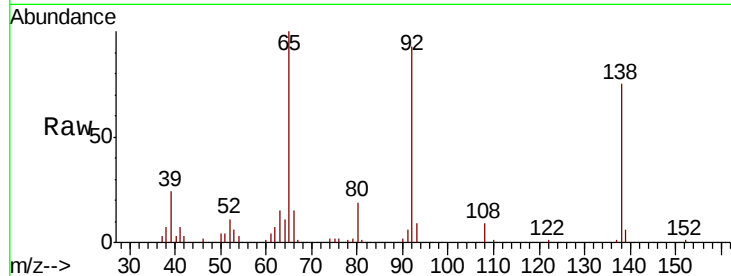
#53
3-Nitroaniline
Concen: 24.079 ng
RT: 9.74 min Scan# 1301
Delta R.T. 0.01 min
Lab File: BF117655.D
Acq: 31 Oct 2019 13:57

Instrument :
BNA_F
ClientSampleId :
PB124409BS

Tot Ion	Ratio	Lower	Upper
138	100		
108	11.5	8.7	13.1
92	124.2	98.4	147.6

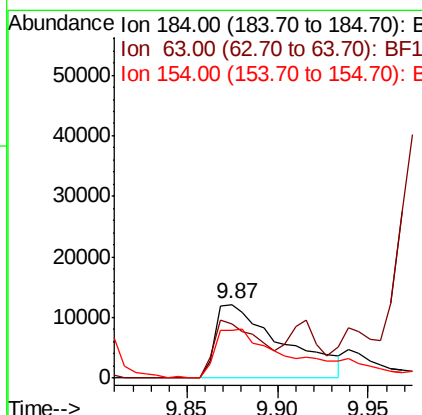
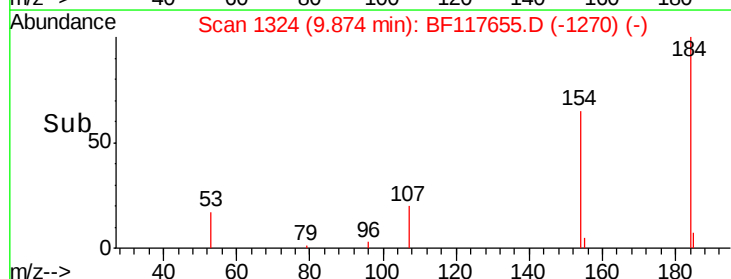
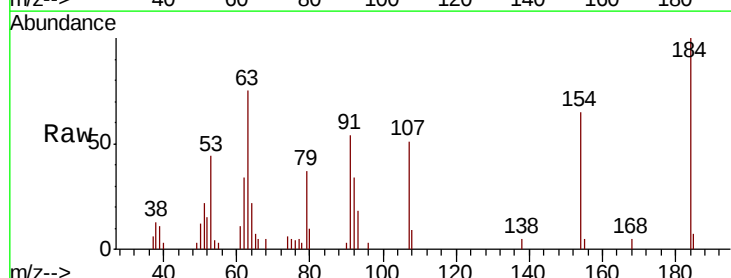
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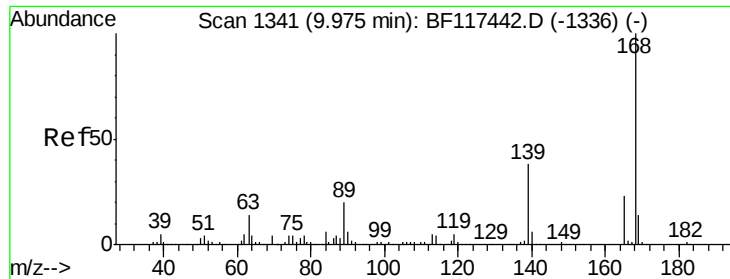
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#54
2,4-Dinitrophenol
Concen: 64.657 ng
RT: 9.87 min Scan# 1324
Delta R.T. 0.02 min
Lab File: BF117655.D
Acq: 31 Oct 2019 13:57

Tgt Ion	Ratio	Lower	Upper
184	100		
63	74.5	59.2	88.8
154	65.3	53.4	80.0





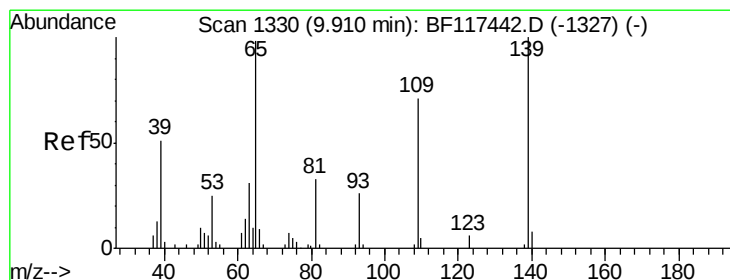
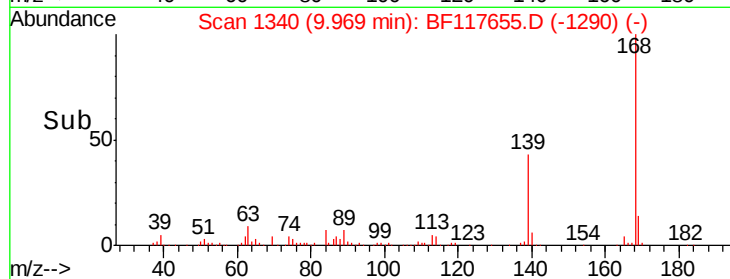
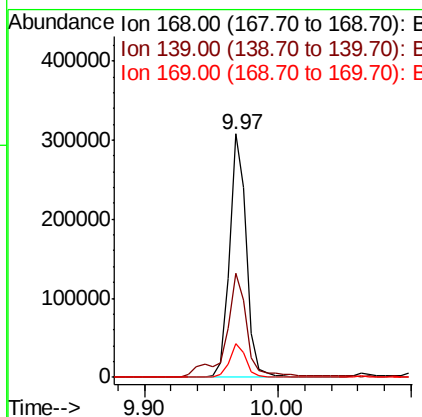
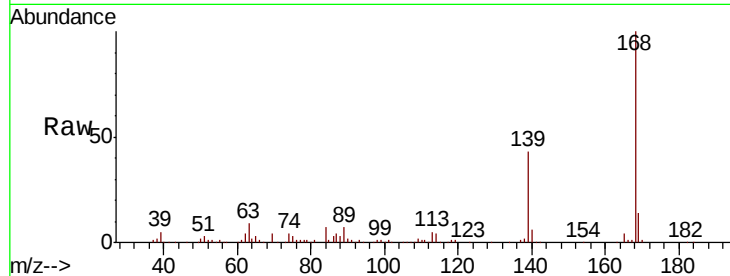
#55
Dibenzofuran
Concen: 42.317 ng
RT: 9.97 min Scan# 1340
Delta R.T. -0.01 min
Lab File: BF117655.D
Acq: 31 Oct 2019 13:57

Instrument :
BNA_F
ClientSampleId :
PB124409BS

Tot Ion	Ratio	Lower	Upper
168	100		
139	42.6	31.8	47.6
169	13.8	11.2	16.8

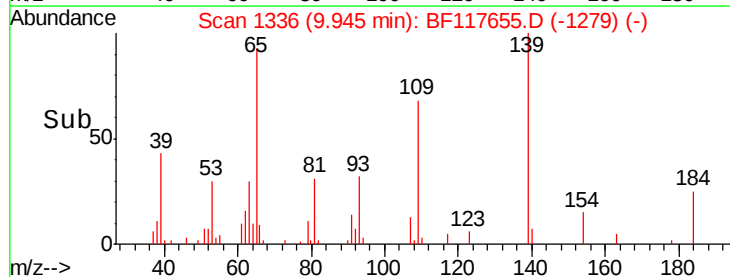
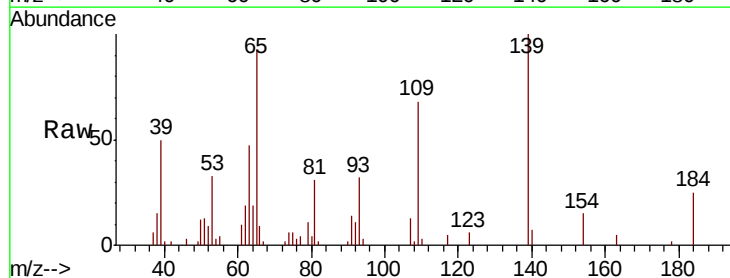
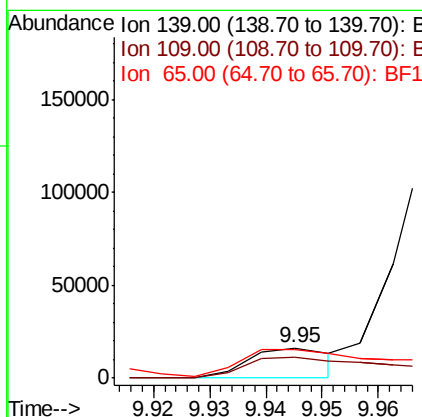
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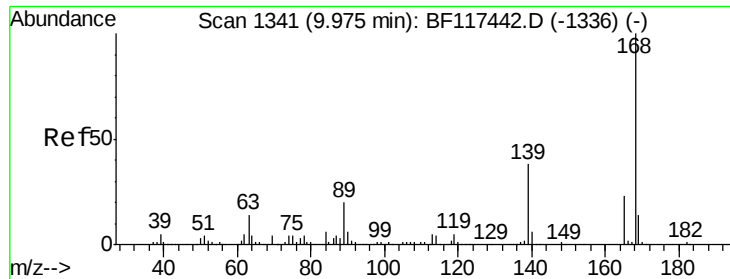
mohammad
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#56
4-Nitrophenol
Concen: 28.139 ng m
RT: 9.95 min Scan# 1336
Delta R.T. 0.04 min
Lab File: BF117655.D
Acq: 31 Oct 2019 13:57

Tgt Ion	Ratio	Lower	Upper
139	100		
109	67.9	51.4	91.4
65	92.9	79.4	119.4





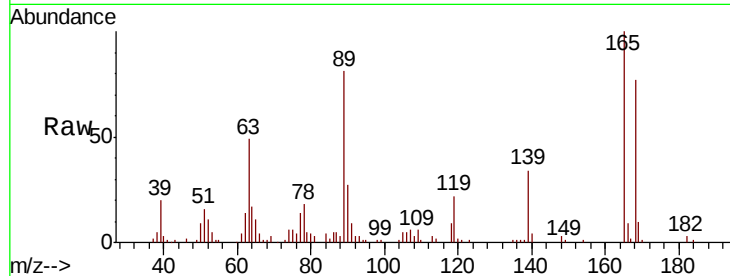
#57
2,4-Dinitrotoluene
Concen: 44.246 ng
RT: 9.98 min Scan# 1342
Delta R.T. 0.01 min
Lab File: BF117655.D
Acq: 31 Oct 2019 13:57

Instrument :
BNA_F
ClientSampleId :
PB124409BS

Tot Ion	Ratio	Resp	Lower	Upper
165	100	69388		
63	49.1		51.4	77.0#
89	81.0		69.9	104.9
182	2.6		1.9	2.9

Manual Integrations
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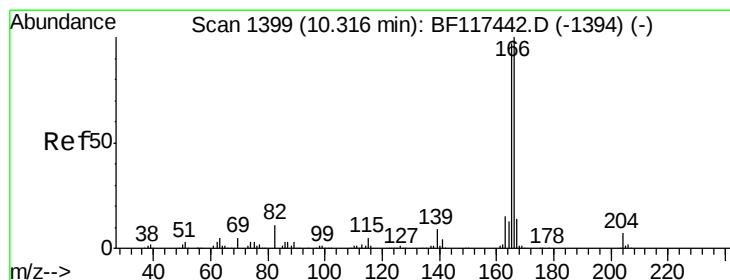
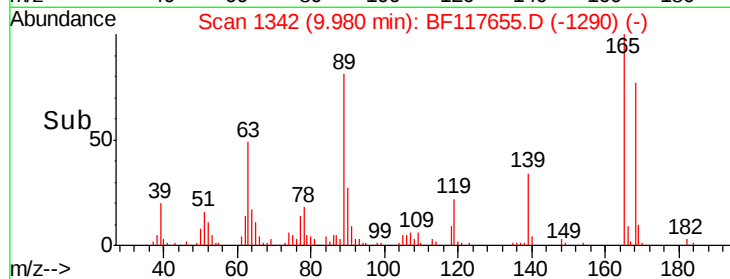
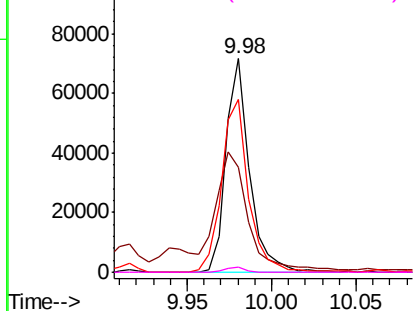
Abundance

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

Ion 182.00 (181.70 to 182.70): E



#58
Fluorene
Concen: 42.879 ng
RT: 10.32 min Scan# 1399
Delta R.T. -0.00 min
Lab File: BF117655.D
Acq: 31 Oct 2019 13:57

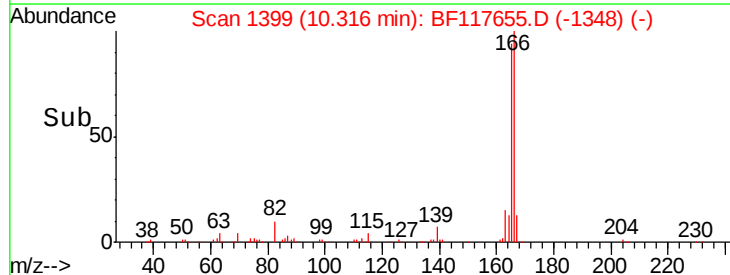
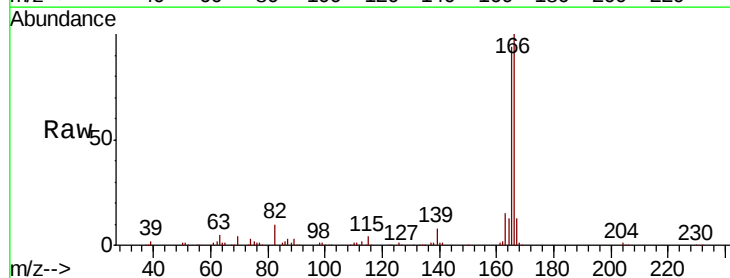
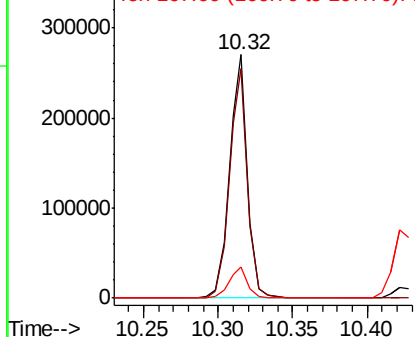
Tgt Ion	Ratio	Resp	Lower	Upper
166	100	229129		
165	94.3		77.6	116.4
167	12.6		11.0	16.4

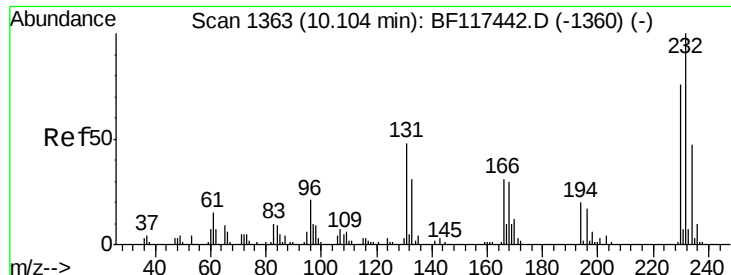
Abundance

Ion 166.00 (165.70 to 166.70): E

Ion 165.00 (164.70 to 165.70): E

Ion 167.00 (166.70 to 167.70): E





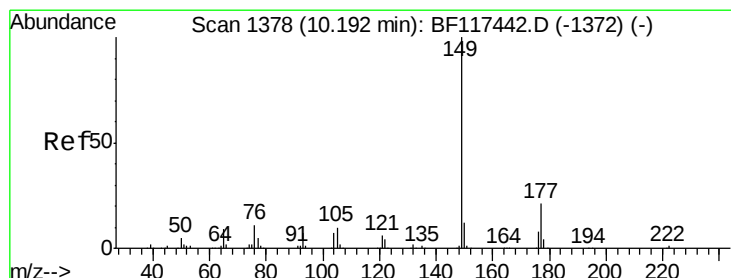
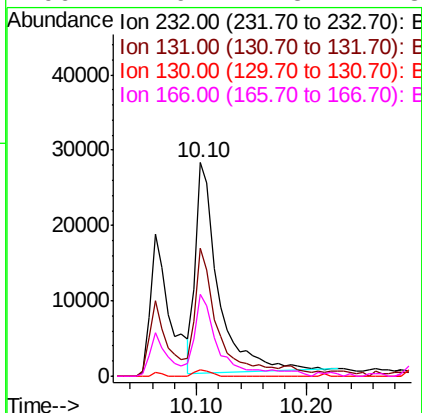
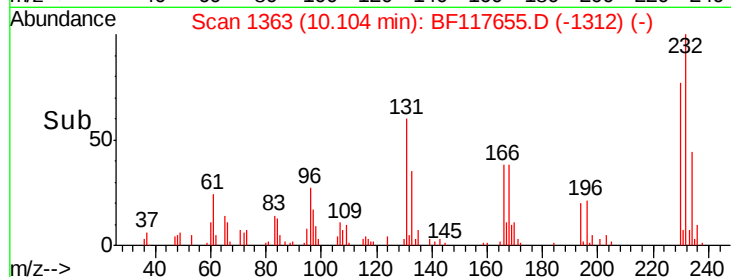
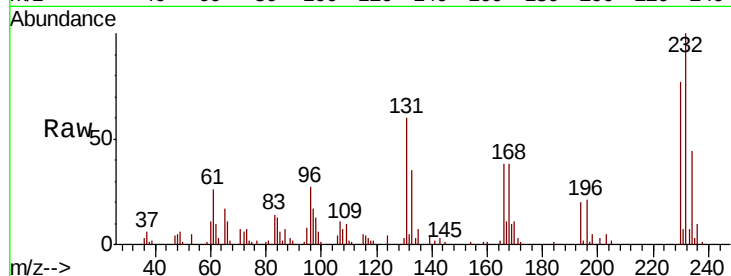
#59
 2,3,4,6-Tetrachlorophenol
 Concen: 37.295 ng
 RT: 10.10 min Scan# 1363
 Delta R.T. -0.00 min
 Lab File: BF117655.D
 Acq: 31 Oct 2019 13:57

Instrument :
 BNA_F
 ClientSampleID :
 PB124409BS

Tot Ion	Ratio	Lower	Upper
232	100		
131	51.4	42.6	63.8
130	2.1	2.2	3.4
166	41.9	27.5	41.3

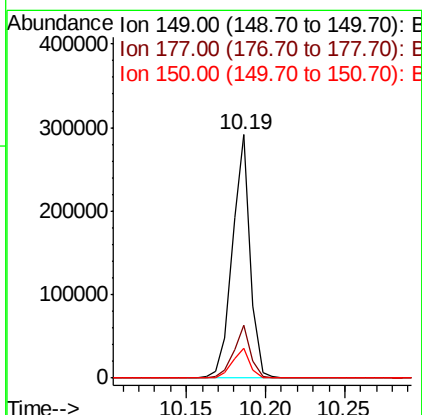
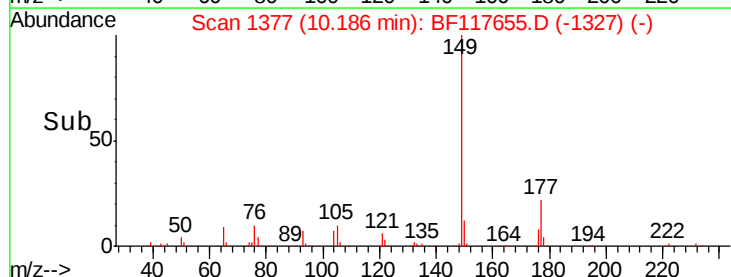
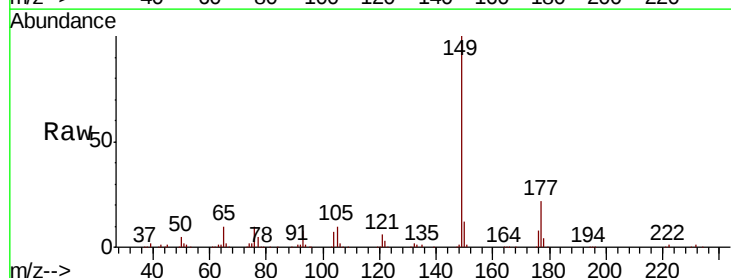
Manual Integrations
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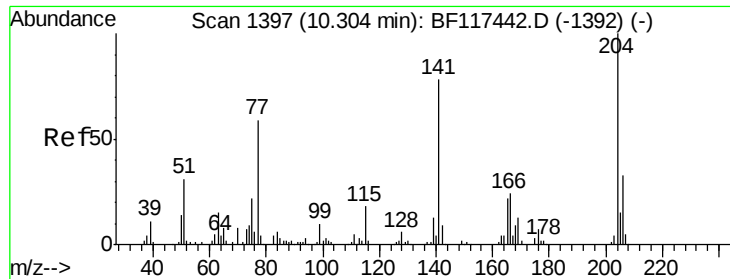
mohammad
 11/1/2019 12:34:25 PM



#60
 Diethylphthalate
 Concen: 39.508 ng
 RT: 10.19 min Scan# 1377
 Delta R.T. -0.01 min
 Lab File: BF117655.D
 Acq: 31 Oct 2019 13:57

Tgt Ion	Ratio	Lower	Upper
149	100		
177	21.9	17.0	25.4
150	12.1	9.8	14.6





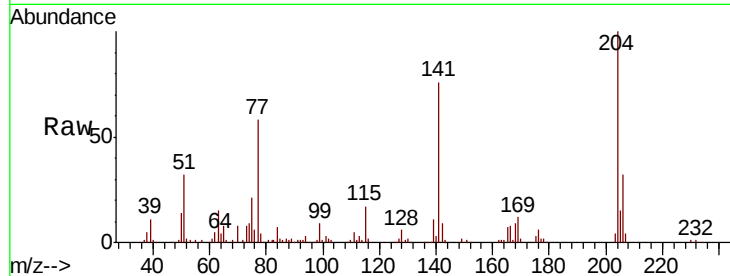
#61
4-Chlorophenyl-phenylether
Concen: 39.857 ng
RT: 10.30 min Scan# 1396
Delta R.T. -0.01 min
Lab File: BF117655.D
Acq: 31 Oct 2019 13:57

Instrument :
BNA_F
ClientSampled :
PB124409BS

Tot Ion	Ratio	Lower	Upper
204	100		
206	31.7	26.3	39.5
141	75.9	62.2	93.4

Manual Integrations
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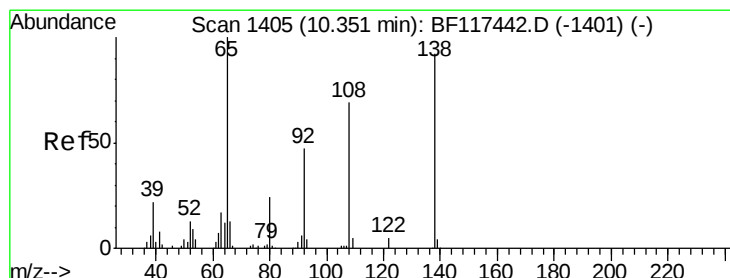
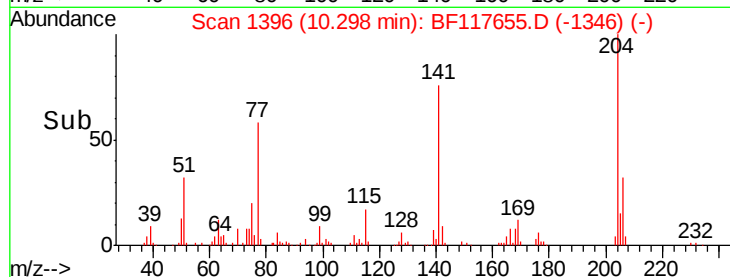
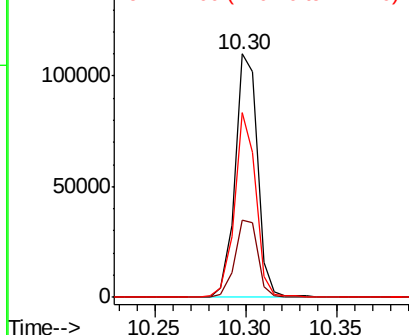


Abundance

Ion 204.00 (203.70 to 204.70): E

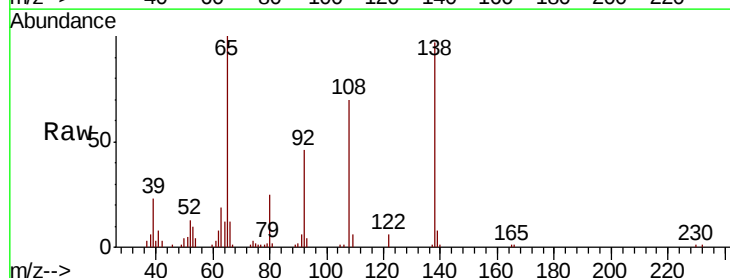
Ion 206.00 (205.70 to 206.70): E

Ion 141.00 (140.70 to 141.70): E



#62
4-Nitroaniline
Concen: 39.849 ng
RT: 10.36 min Scan# 1407
Delta R.T. 0.01 min
Lab File: BF117655.D
Acq: 31 Oct 2019 13:57

Tgt Ion	Ratio	Lower	Upper
138	100		
92	47.9	30.3	70.3
108	72.2	54.9	94.9

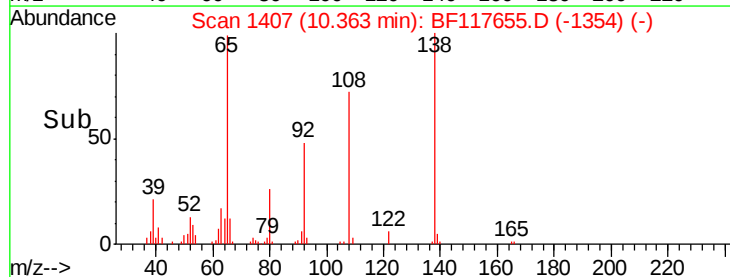
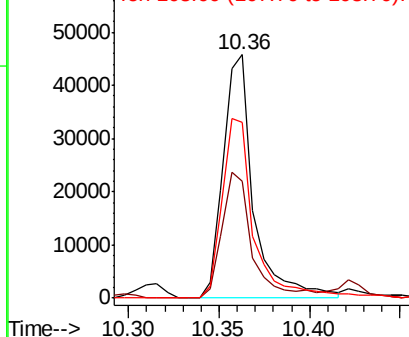


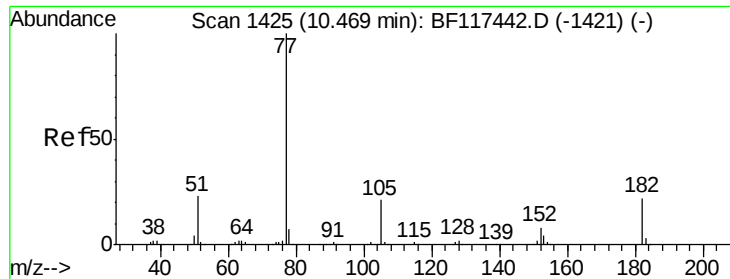
Abundance

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





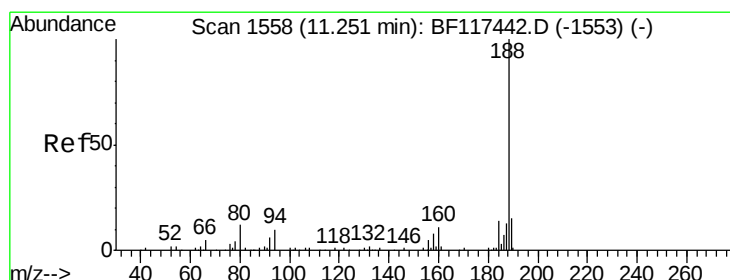
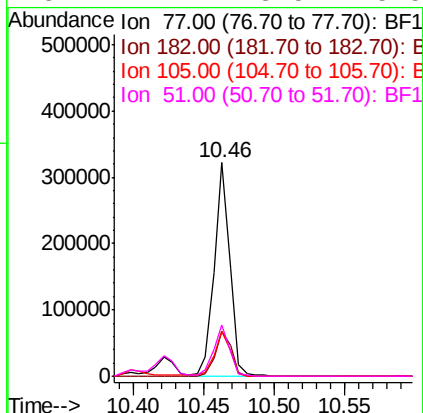
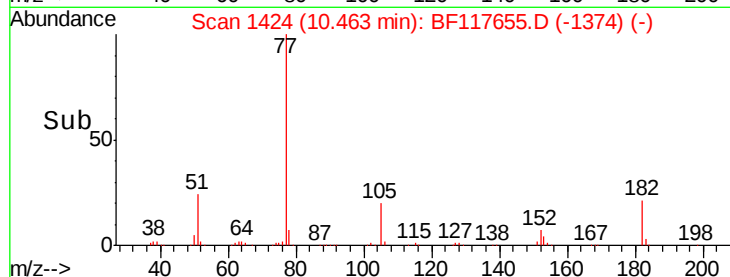
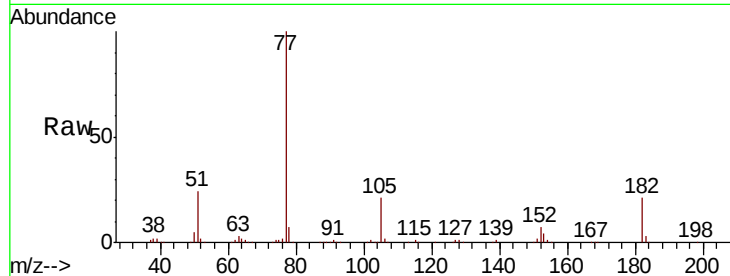
#63
Azobenzene
Concen: 42.104 ng
RT: 10.46 min Scan# 1424
Delta R.T. -0.01 min
Lab File: BF117655.D
Acq: 31 Oct 2019 13:57

Instrument :
BNA_F
ClientSampleId :
PB124409BS

Tot Ion	Ion	Ratio	Resp	Lower	Upper
77	100		246427		
182	20.9	2.3	42.3		
105	20.8	1.3	41.3		
51	24.1	3.5	43.5		

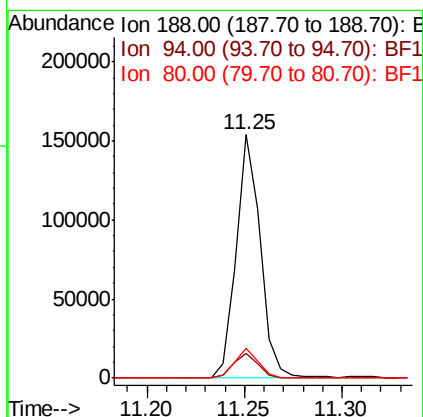
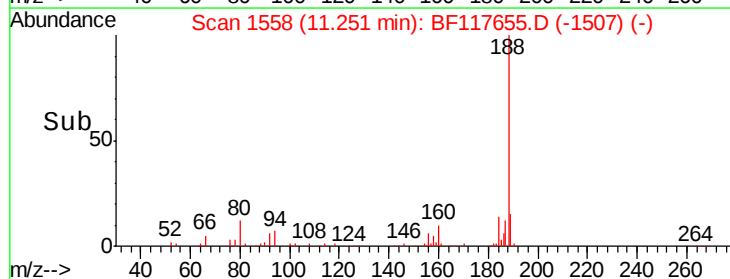
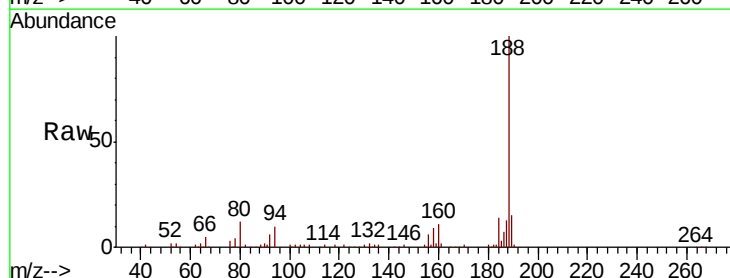
Manual Integrations
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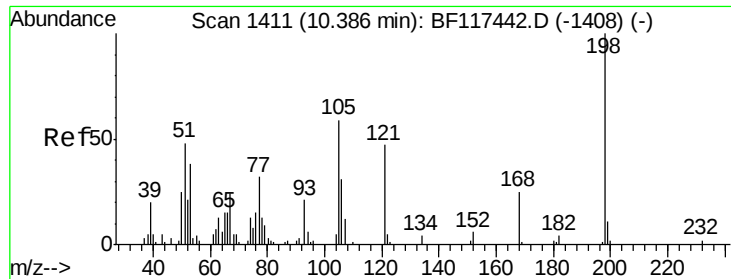
mohammad
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#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.25 min Scan# 1558
Delta R.T. -0.00 min
Lab File: BF117655.D
Acq: 31 Oct 2019 13:57

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
188	100		132532		
94	10.3	8.0	12.0		
80	12.5	9.5	14.3		





#65

4,6-Dinitro-2-methylphenol

Concen: 37.722 ng

RT: 10.40 min Scan# 1413

Delta R.T. 0.01 min

Lab File: BF117655.D

Acq: 31 Oct 2019 13:57

Instrument :

BNA_F

ClientSampled :

PB124409BS

Tot Ion:198 Resp: 25418

Ion Ratio Lower Upper

198 100

51 53.6 29.1 69.1

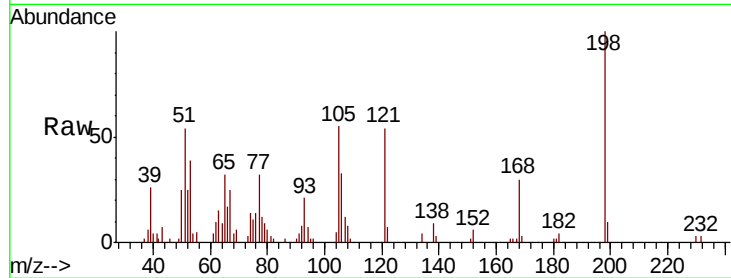
105 54.7 39.4 79.4

Manual Integrations

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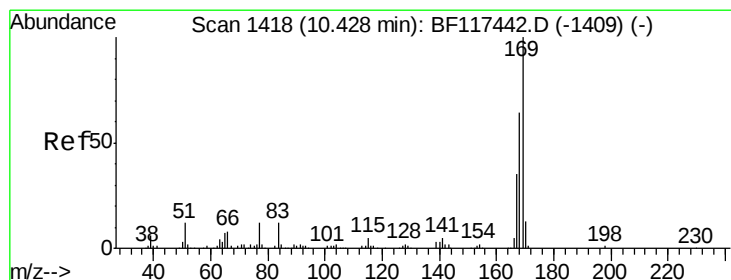
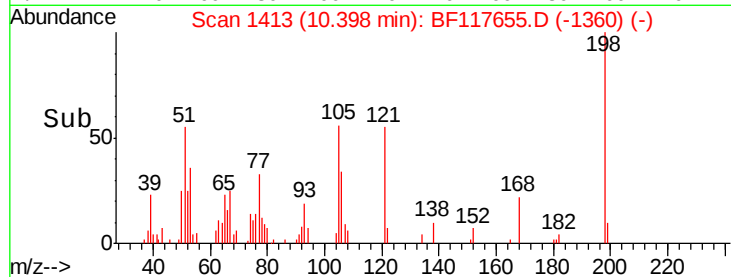
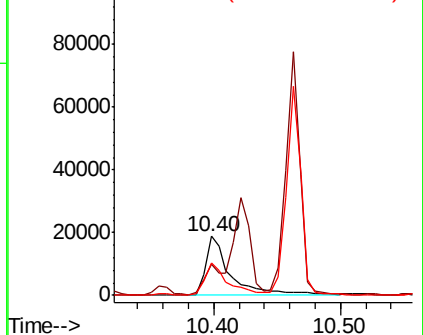
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Abundance Ion 198.00 (197.70 to 198.70): E

Ion 51.00 (50.70 to 51.70): BF1

Ion 105.00 (104.70 to 105.70): E



#66

n-Nitrosodiphenylamine

Concen: 40.190 ng

RT: 10.42 min Scan# 1417

Delta R.T. -0.01 min

Lab File: BF117655.D

Acq: 31 Oct 2019 13:57

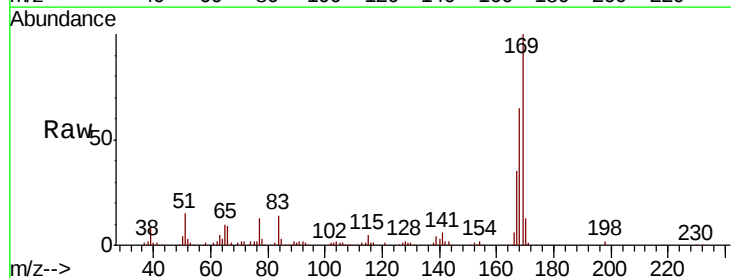
Tgt Ion:169 Resp: 194725

Ion Ratio Lower Upper

169 100

168 65.0 51.3 76.9

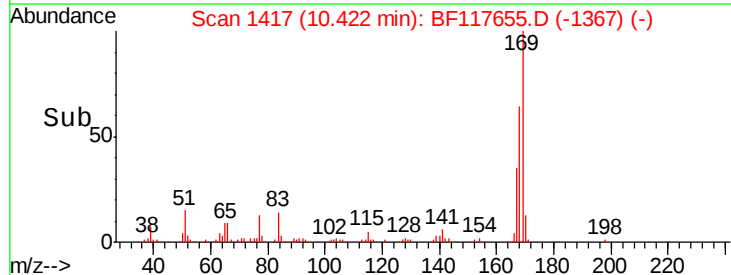
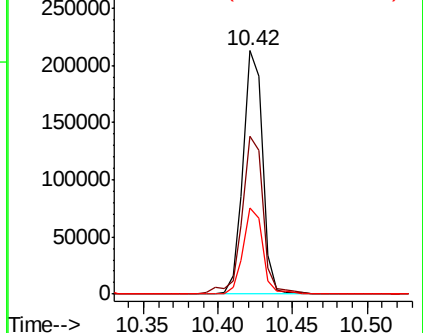
167 35.5 28.2 42.4



Abundance Ion 169.00 (168.70 to 169.70): E

Ion 168.00 (167.70 to 168.70): E

Ion 167.00 (166.70 to 167.70): E





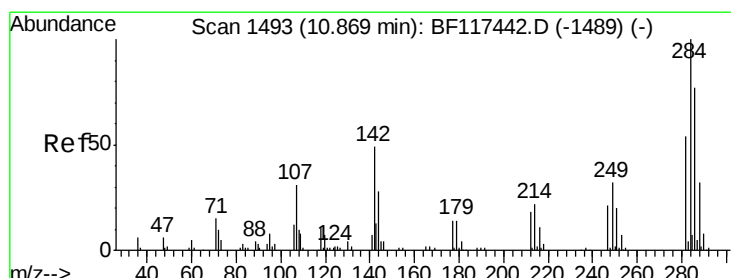
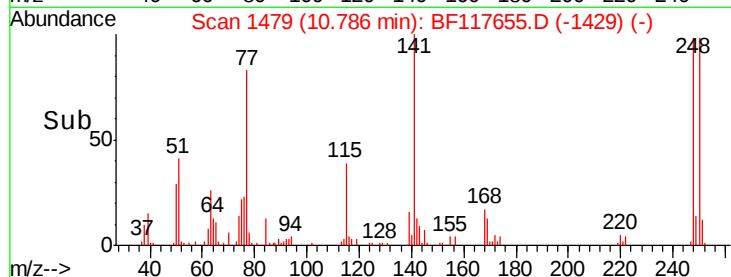
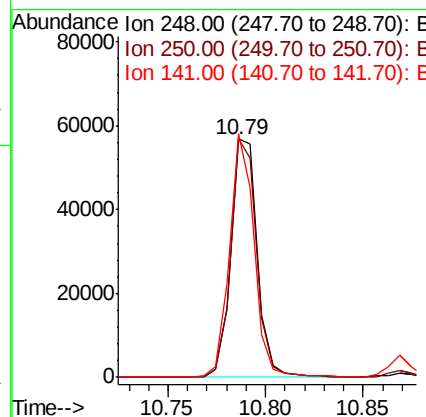
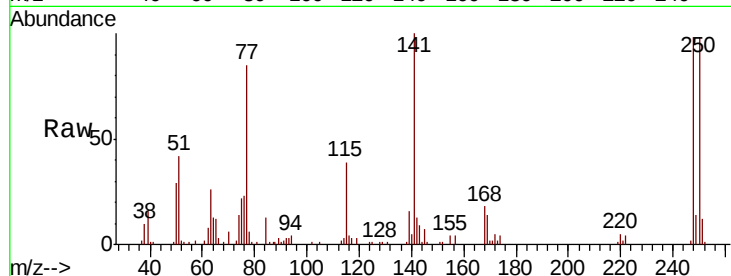
#67
 4-Bromophenyl-phenylether
 Concen: 37.369 ng
 RT: 10.79 min Scan# 1479
 Delta R.T. -0.01 min
 Lab File: BF117655.D
 Acq: 31 Oct 2019 13:57

Instrument :
 BNA_F
 ClientSampleId :
 PB124409BS

Tot Ion:	248	Resp:	53345
Ion Ratio	Lower	Upper	
248	100		
250	100.3	78.0	117.0
141	102.3	81.7	122.5

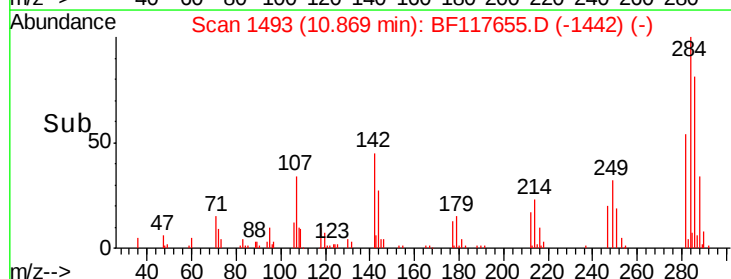
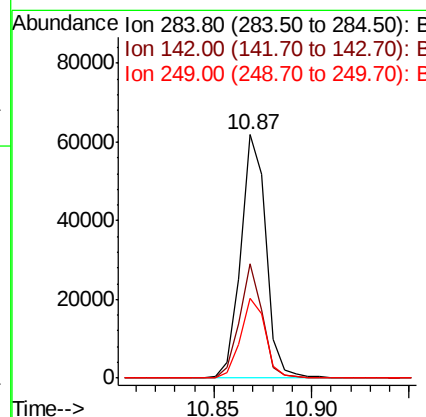
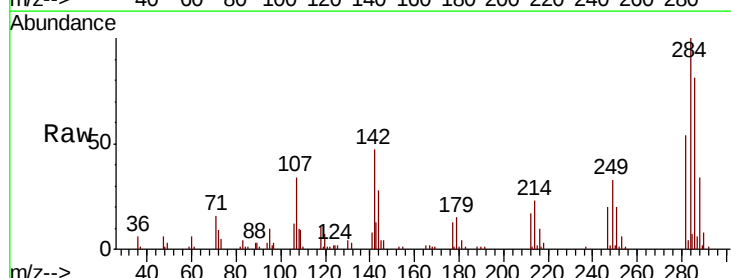
Manual Integrations
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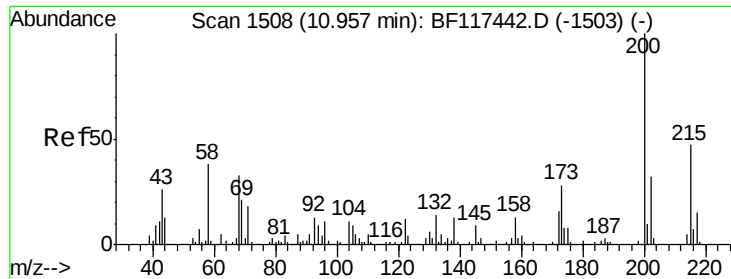
mohammad
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#68
 Hexachlorobenzene
 Concen: 36.256 ng
 RT: 10.87 min Scan# 1493
 Delta R.T. -0.00 min
 Lab File: BF117655.D
 Acq: 31 Oct 2019 13:57

Tgt Ion:	284	Resp:	55429
Ion Ratio	Lower	Upper	
284	100		
142	47.2	39.0	58.6
249	32.7	25.7	38.5





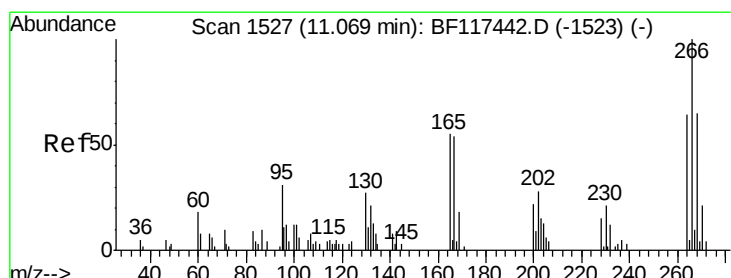
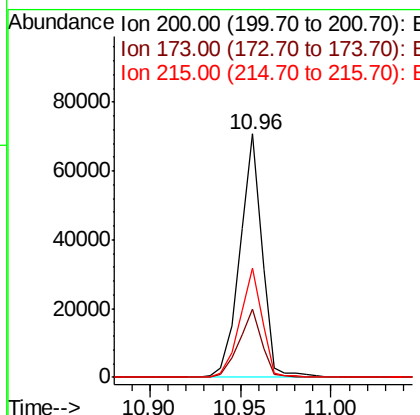
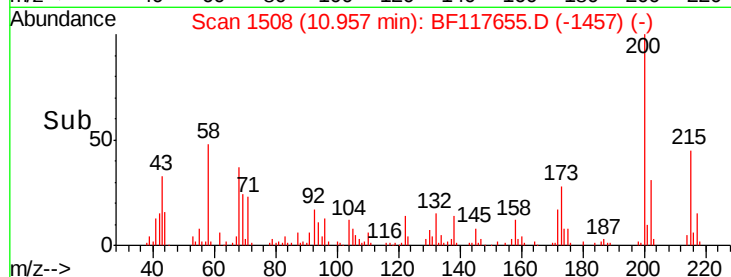
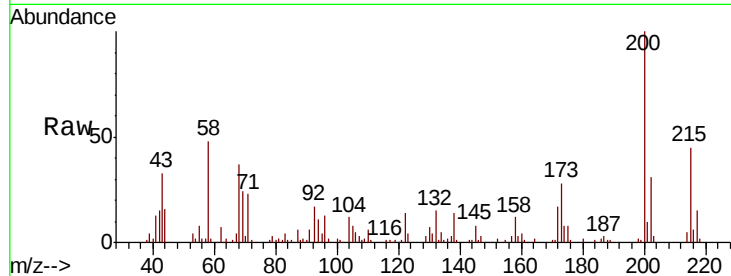
#69
Atrazine
Concen: 48.616 ng
RT: 10.96 min Scan# 1508
Delta R.T. -0.00 min
Lab File: BF117655.D
Acq: 31 Oct 2019 13:57

Instrument :
BNA_F
ClientSampleId :
PB124409BS

Tot Ion	Ratio	Lower	Upper
200	100		
173	28.0	8.2	48.2
215	45.0	26.8	66.8

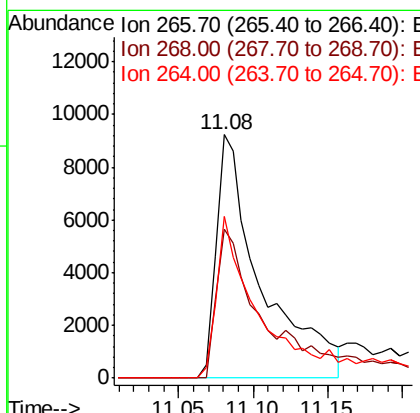
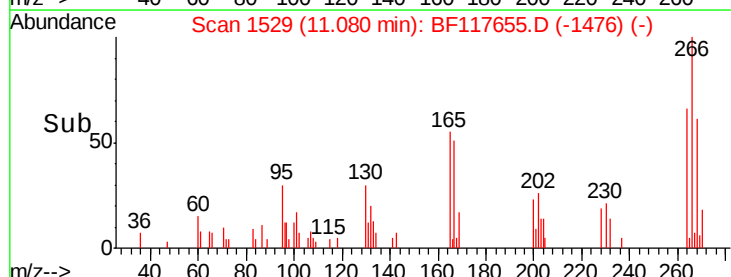
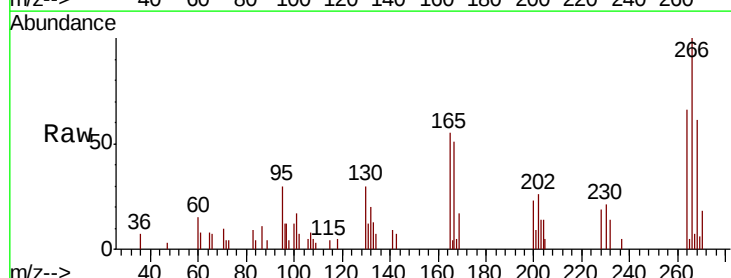
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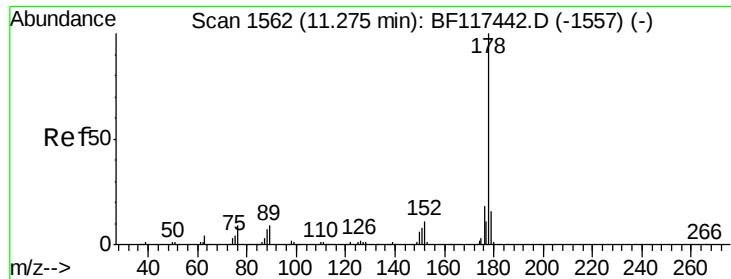
mohammad
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#70
Pentachlorophenol
Concen: 42.103 ng
RT: 11.08 min Scan# 1529
Delta R.T. 0.01 min
Lab File: BF117655.D
Acq: 31 Oct 2019 13:57

Tgt Ion	Ratio	Lower	Upper
266	100		
268	61.2	51.6	77.4
264	66.5	51.4	77.2





#71

Phenanthrene

Concen: 41.254 ng

RT: 11.28 min Scan# 1563

Delta R.T. 0.01 min

Lab File: BF117655.D

Acq: 31 Oct 2019 13:57

Instrument :

BNA_F

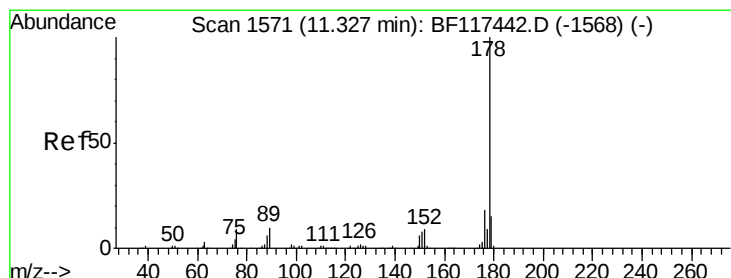
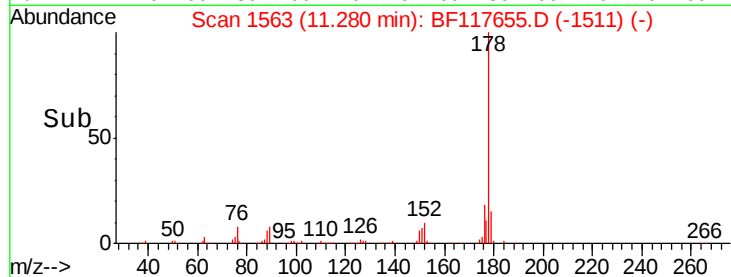
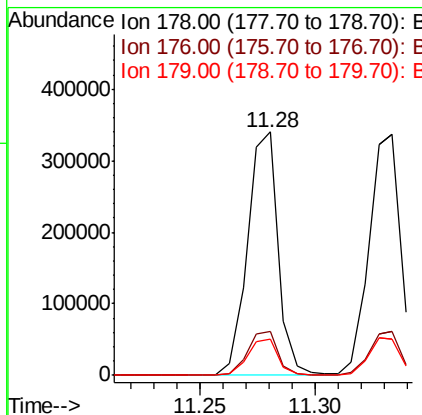
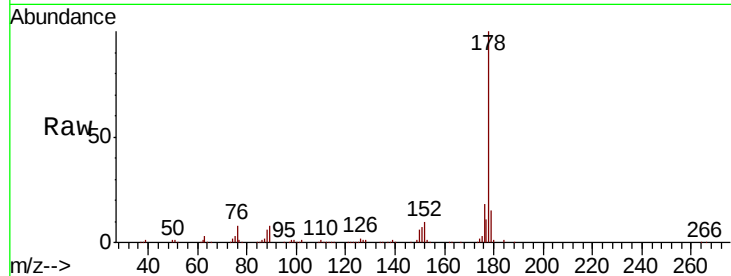
ClientSampleId :

PB124409BS

Tot Ion	Ratio	Lower	Upper
178	100		
176	18.1	14.6	22.0
179	14.7	12.6	19.0

Manual Integrations
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#72

Anthracene

Concen: 42.875 ng

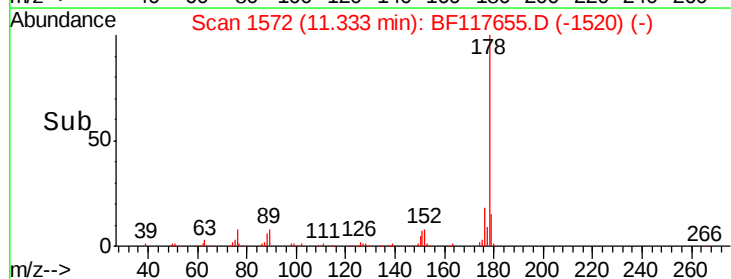
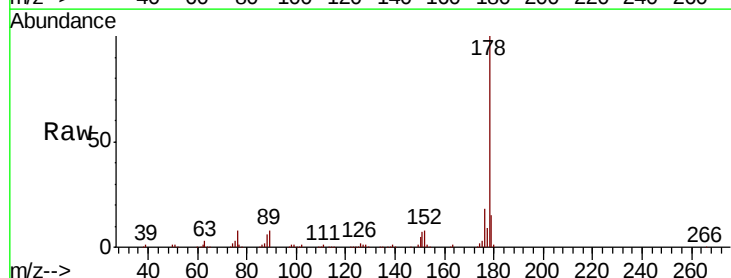
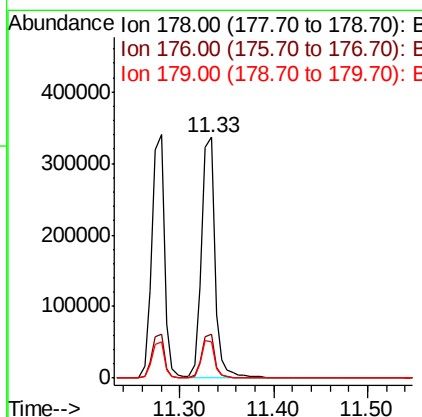
RT: 11.33 min Scan# 1572

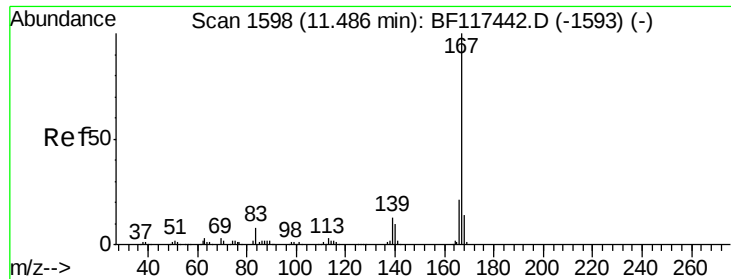
Delta R.T. 0.01 min

Lab File: BF117655.D

Acq: 31 Oct 2019 13:57

Tgt Ion	Ratio	Lower	Upper
178	100		
176	18.4	14.7	22.1
179	14.8	12.2	18.2





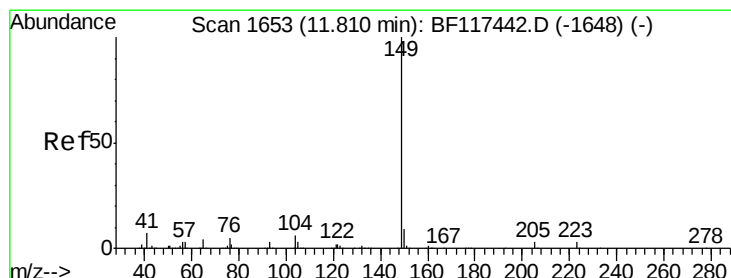
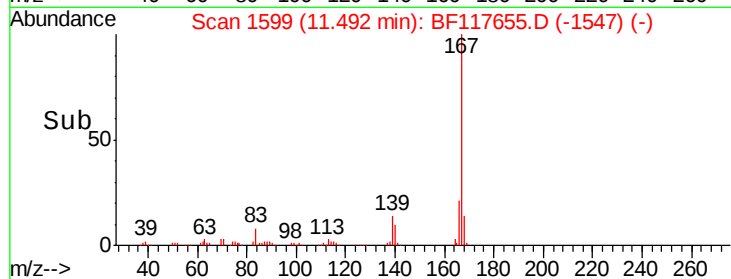
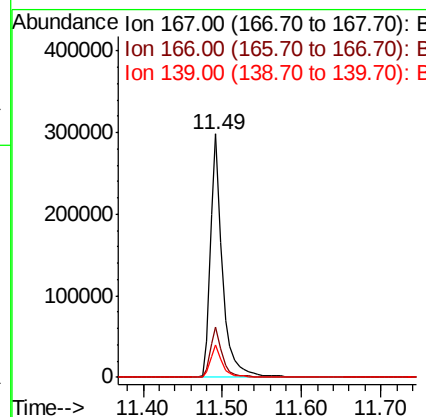
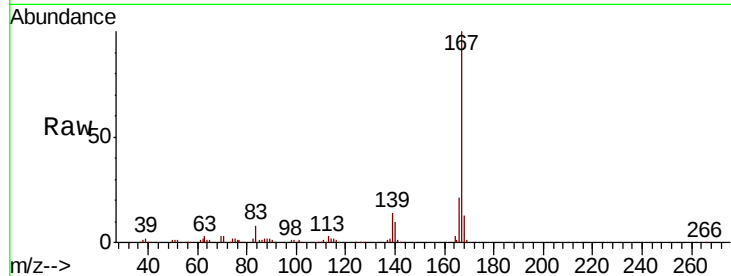
#73
 Carbazole
 Concen: 43.809 ng
 RT: 11.49 min Scan# 1599
 Delta R.T. 0.01 min
 Lab File: BF117655.D
 Acq: 31 Oct 2019 13:57

Instrument :
 BNA_F
 ClientSampleId :
 PB124409BS

Tot Ion	Ratio	Resp	Lower	Upper
167	100			
166	20.8	17.0	25.6	
139	13.5	10.6	16.0	

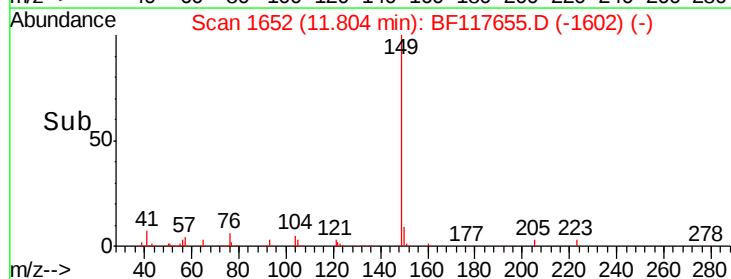
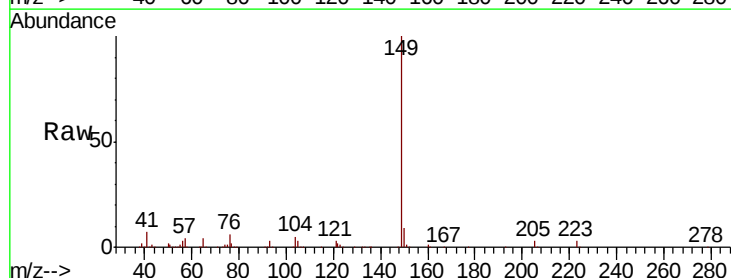
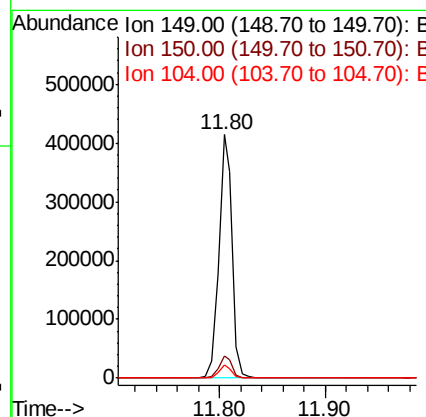
Manual Integrations
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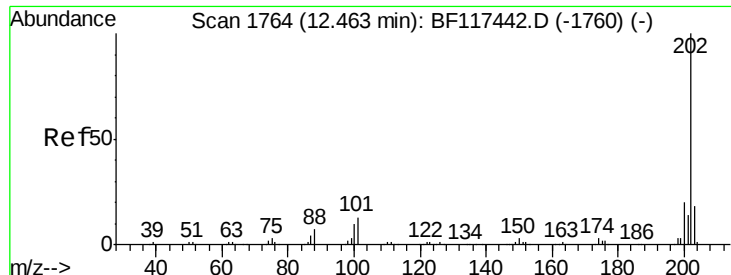
mohammad
 11/1/2019 12:34:25 PM



#74
 Di-n-butylphthalate
 Concen: 38.358 ng
 RT: 11.80 min Scan# 1652
 Delta R.T. -0.01 min
 Lab File: BF117655.D
 Acq: 31 Oct 2019 13:57

Tgt Ion	Ratio	Resp	Lower	Upper
149	100			
150	9.3	7.5	11.3	
104	5.3	4.6	6.8	





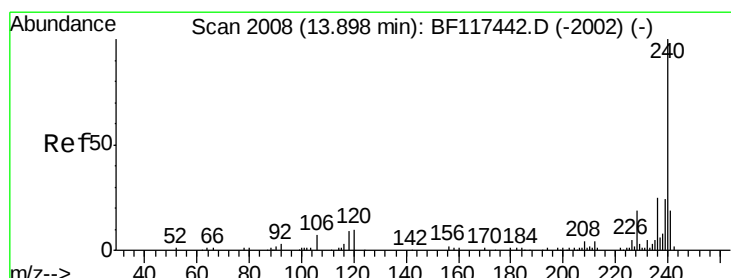
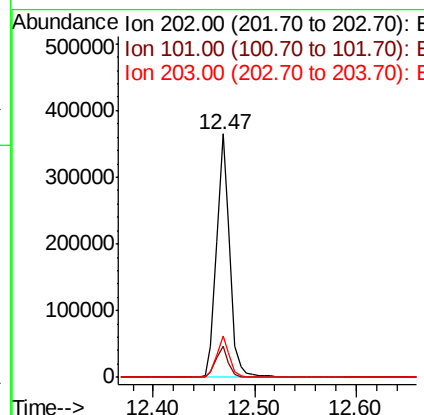
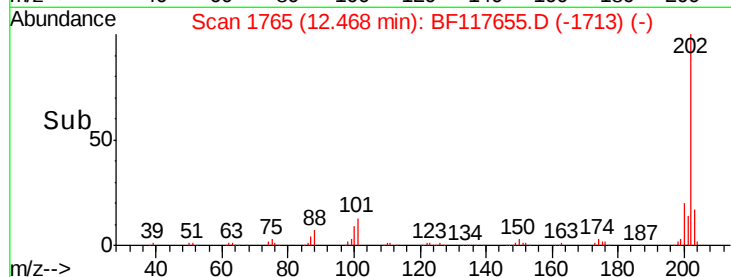
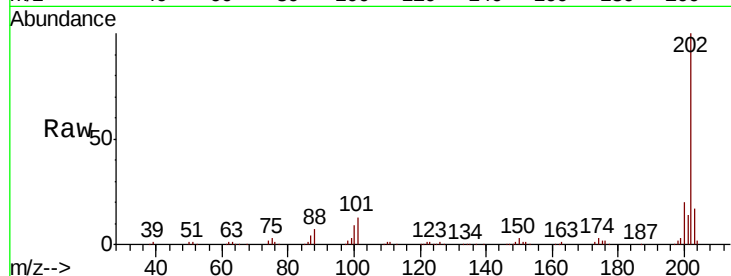
#75
 Fluoranthene
 Concen: 43.049 ng
 RT: 12.47 min Scan# 1765
 Delta R.T. 0.01 min
 Lab File: BF117655.D
 Acq: 31 Oct 2019 13:57

Instrument :
 BNA_F
 ClientSampleID :
 PB124409BS

Tot Ion	Ratio	Resp Lower	Upper
202	100		
101	13.0	0.0	32.7
203	16.9	0.0	37.6

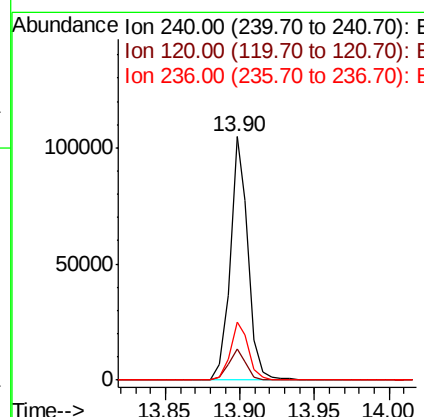
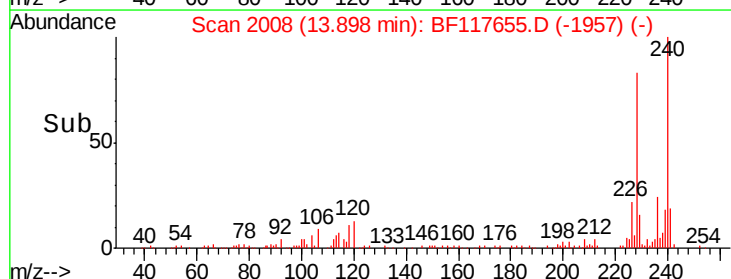
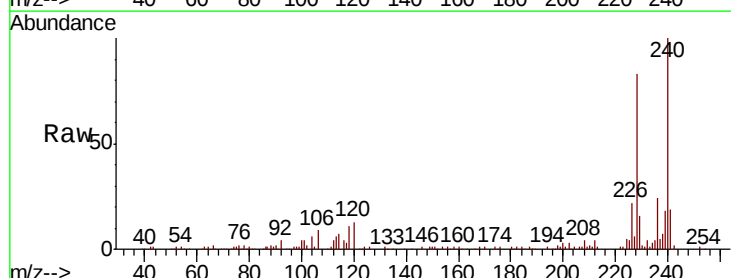
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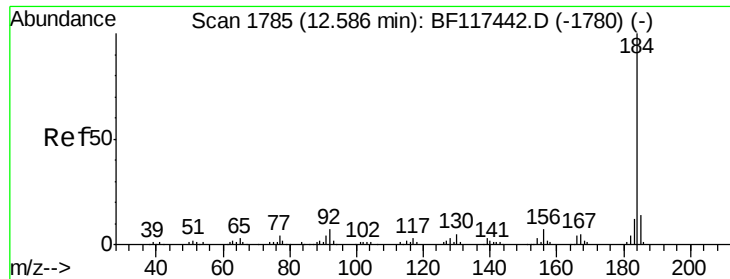
mohammad
 11/1/2019 12:34:25 PM



#76
 Chrysene-d12
 Concen: 20.000 ng
 RT: 13.90 min Scan# 2008
 Delta R.T. -0.00 min
 Lab File: BF117655.D
 Acq: 31 Oct 2019 13:57

Tgt Ion	Ratio	Resp Lower	Upper
240	100		
120	12.6	8.4	12.6
236	23.9	20.0	30.0





#77

Benzidine

Concen: 64.825 ng

RT: 12.59 min Scan# 1786

Delta R.T. 0.01 min

Lab File: BF117655.D

Acq: 31 Oct 2019 13:57

Instrument :

BNA_F

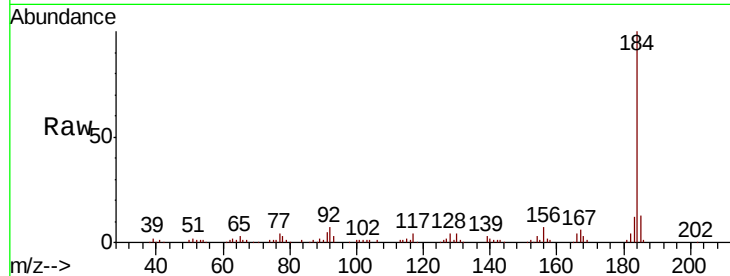
ClientSampleId :

PB124409BS

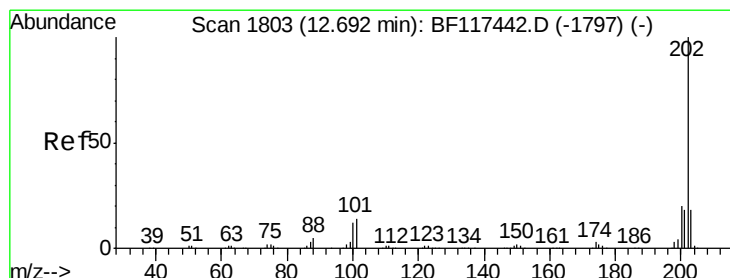
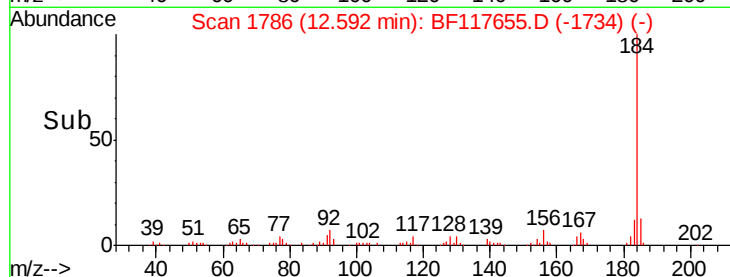
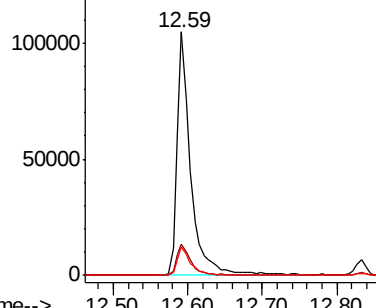
Tot Ion:	184	Resp:	134368
Ion Ratio	Lower	Upper	
184	100		
185	12.9	11.4	17.0
183	11.7	9.6	14.4

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Abundance Ion 184.00 (183.70 to 184.70): E
Ion 185.00 (184.70 to 185.70): E
Ion 183.00 (182.70 to 183.70): E



#78

Pyrene

Concen: 43.946 ng

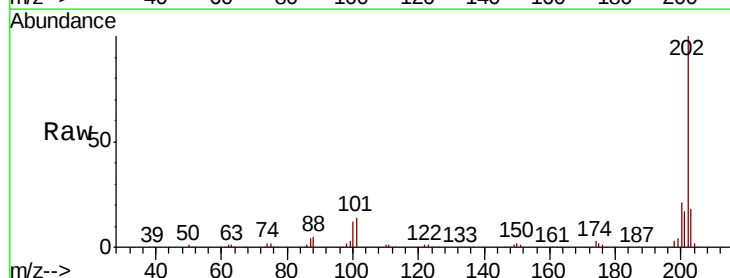
RT: 12.70 min Scan# 1804

Delta R.T. 0.01 min

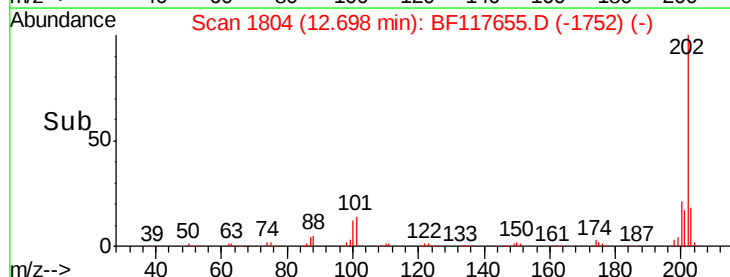
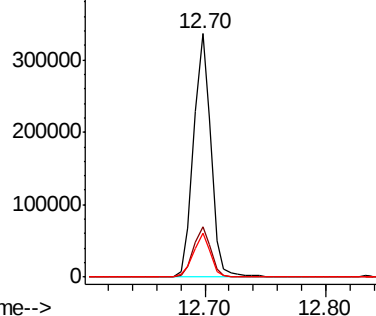
Lab File: BF117655.D

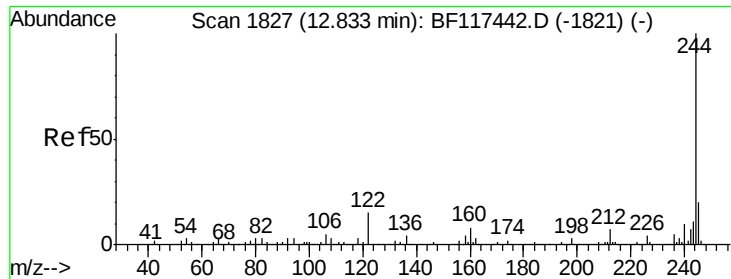
Acq: 31 Oct 2019 13:57

Tgt Ion:	202	Resp:	333736
Ion Ratio	Lower	Upper	
202	100		
200	20.9	16.2	24.2
203	18.0	14.0	21.0



Abundance Ion 202.00 (201.70 to 202.70): E
Ion 200.00 (199.70 to 200.70): E
Ion 203.00 (202.70 to 203.70): E





#79

Terphenyl-d14

Concen: 80.971 ng

RT: 12.83 min Scan# 1827

Delta R.T. -0.00 min

Lab File: BF117655.D

Acq: 31 Oct 2019 13:57

Instrument :

BNA_F

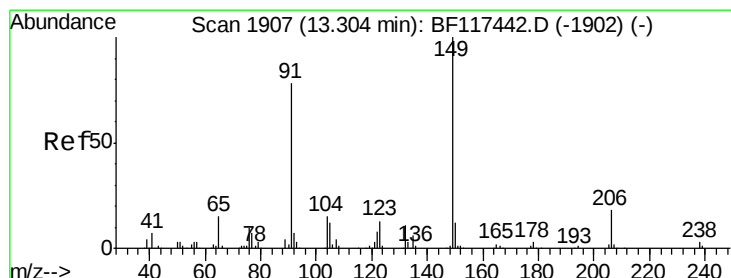
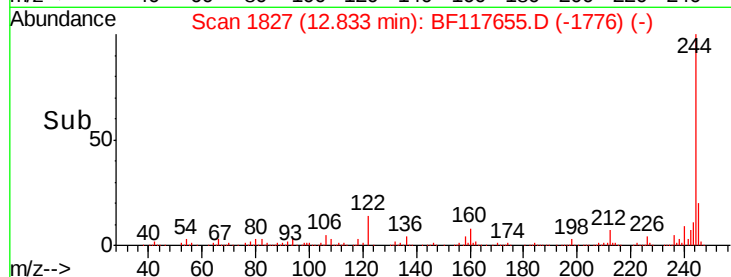
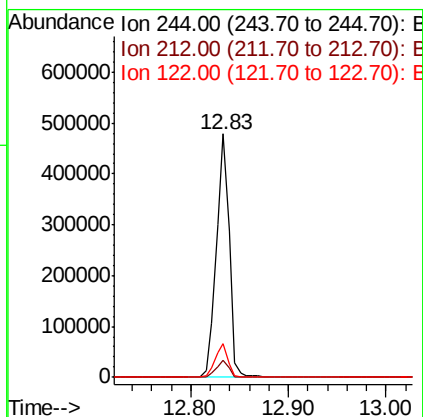
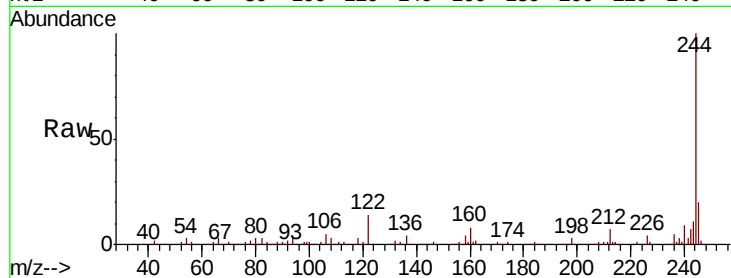
ClientSampleId :

PB124409BS

Tot Ion	Ratio	Lower	Upper
244	100		
212	6.8	5.8	8.6
122	13.8	11.8	17.8

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#80

Butylbenzylphthalate

Concen: 40.708 ng

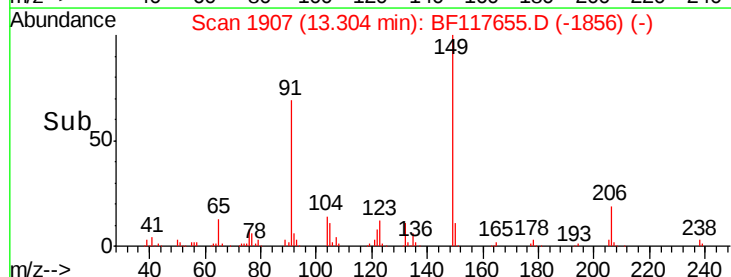
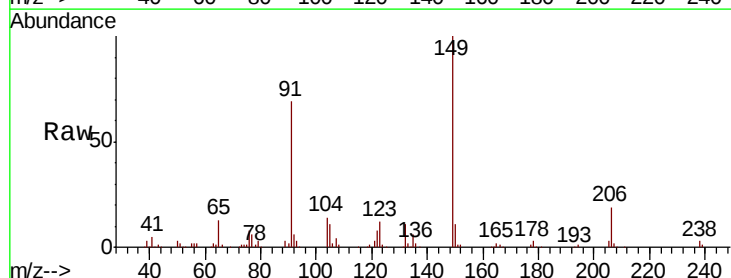
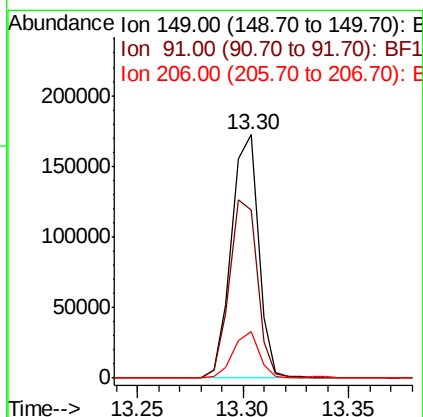
RT: 13.30 min Scan# 1907

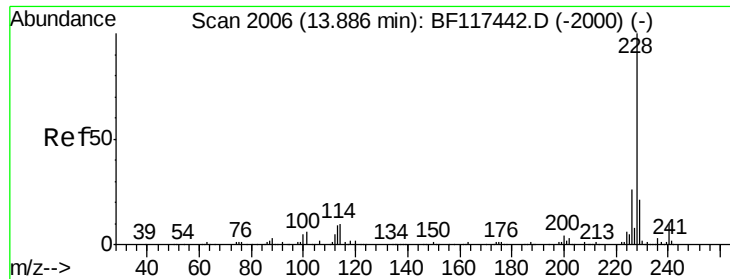
Delta R.T. -0.00 min

Lab File: BF117655.D

Acq: 31 Oct 2019 13:57

Tgt Ion	Ratio	Lower	Upper
149	100		
91	69.2	62.1	93.1
206	19.1	14.3	21.5





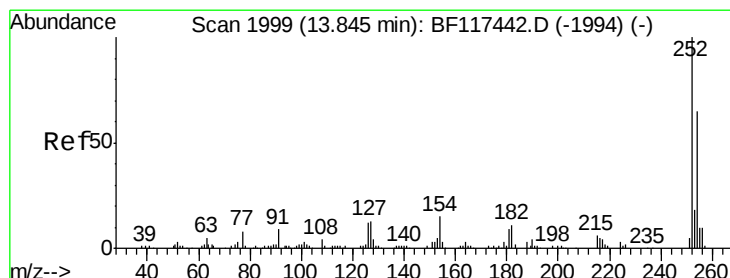
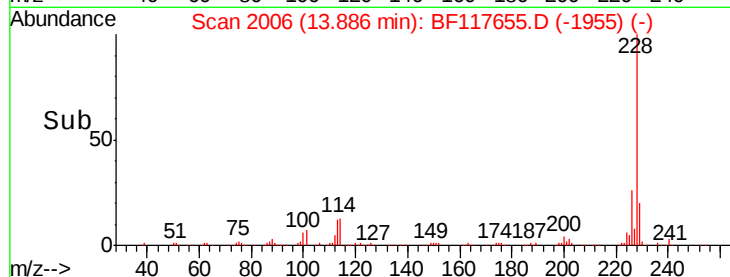
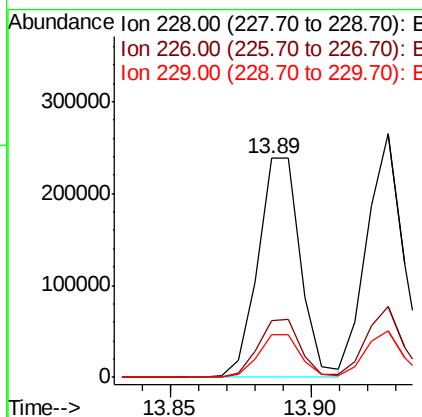
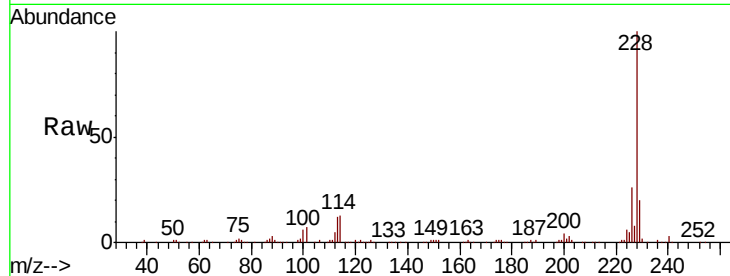
#81
Benzo(a)anthracene
Concen: 41.752 ng
RT: 13.89 min Scan# 2006
Delta R.T. -0.00 min
Lab File: BF117655.D
Acq: 31 Oct 2019 13:57

Instrument :
BNA_F
ClientSampleId :
PB124409BS

Tot Ion	Ratio	Lower	Upper
228	100		
226	25.9	21.0	31.4
229	19.7	16.4	24.6

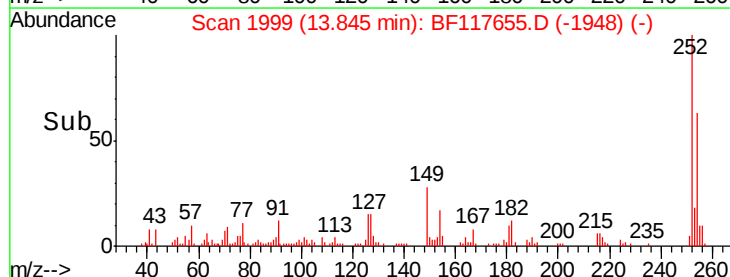
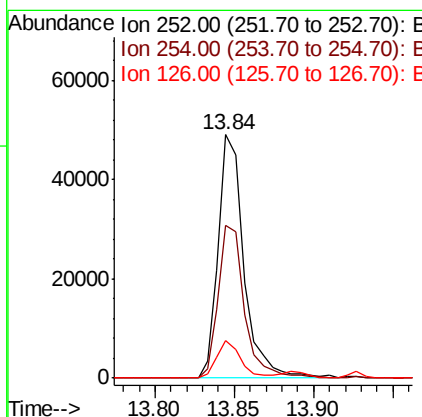
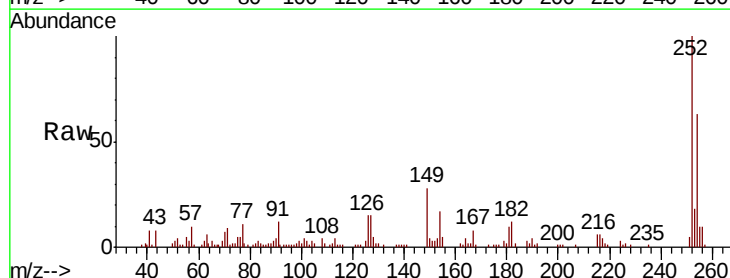
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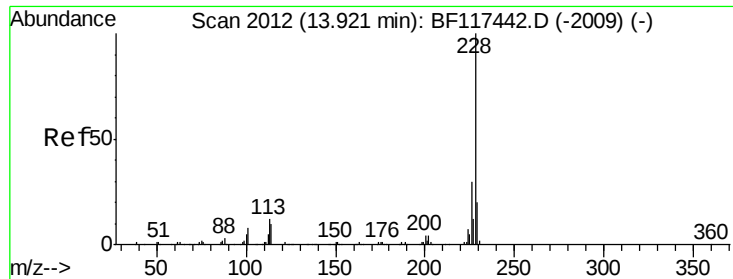
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#82
3,3'-Dichlorobenzidine
Concen: 29.600 ng
RT: 13.84 min Scan# 1999
Delta R.T. -0.00 min
Lab File: BF117655.D
Acq: 31 Oct 2019 13:57

Tgt Ion	Ratio	Lower	Upper
252	100		
254	62.8	52.2	78.4
126	15.2	9.2	13.8#





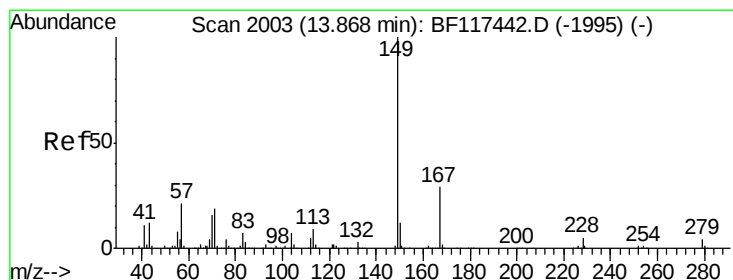
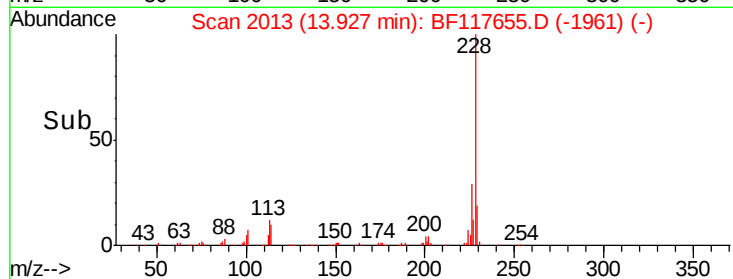
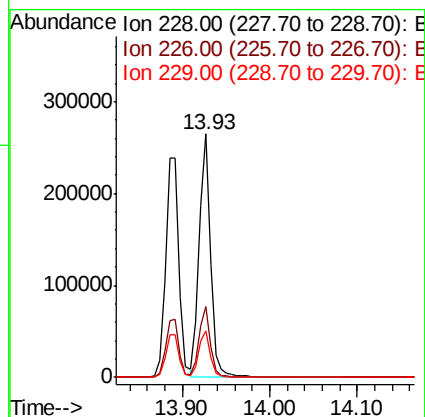
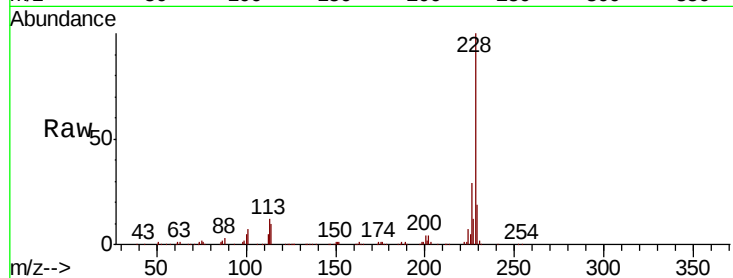
#83
 Chrysene
 Concen: 41.765 ng
 RT: 13.93 min Scan# 2013
 Delta R.T. 0.01 min
 Lab File: BF117655.D
 Acq: 31 Oct 2019 13:57

Instrument :
 BNA_F
 ClientSampleId :
 PB124409BS

Tot Ion	Ion	Ratio	Resp	Lower	Upper
228	100				
226	28.9	23.9	35.9		
229	19.2	15.8	23.6		

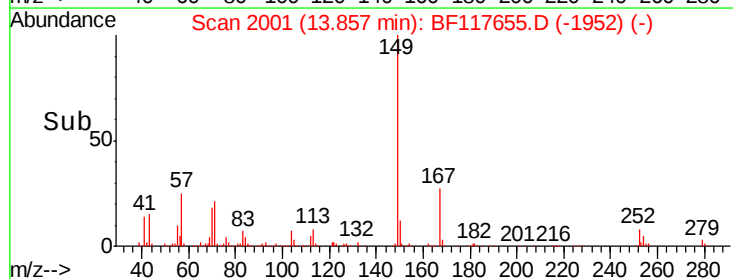
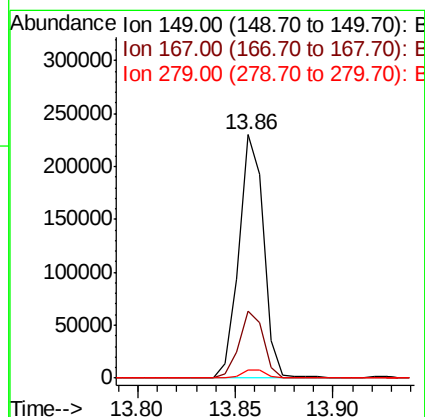
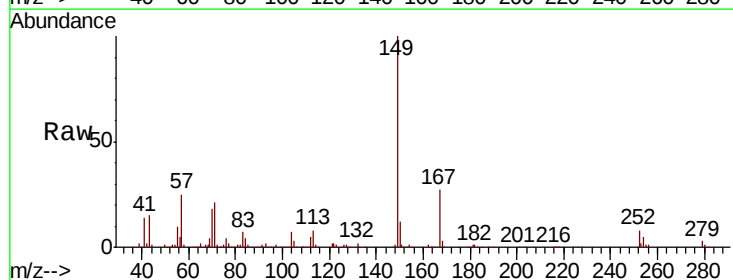
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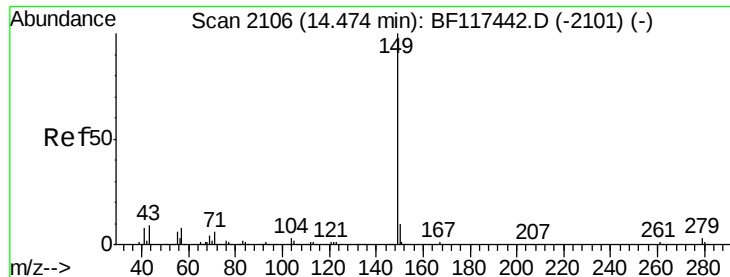
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#84
 Bis(2-ethylhexyl)phthalate
 Concen: 38.285 ng
 RT: 13.86 min Scan# 2001
 Delta R.T. -0.01 min
 Lab File: BF117655.D
 Acq: 31 Oct 2019 13:57

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
149	100				
167	27.3	23.3	34.9		
279	3.2	3.2	4.8		





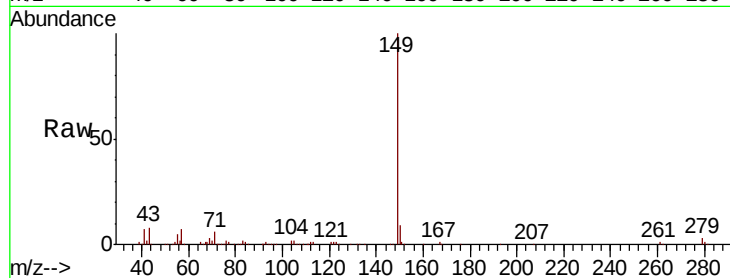
#85
Di-n-octyl phthalate
Concen: 40.208 ng
RT: 14.47 min Scan# 2105
Delta R.T. -0.01 min
Lab File: BF117655.D
Acq: 31 Oct 2019 13:57

Instrument :
BNA_F
ClientSampleId :
PB124409BS

Tot Ion	Ratio	Resp	Lower	Upper
149	100	327262		
167	1.5		1.2	1.8
43	8.3		6.8	10.2

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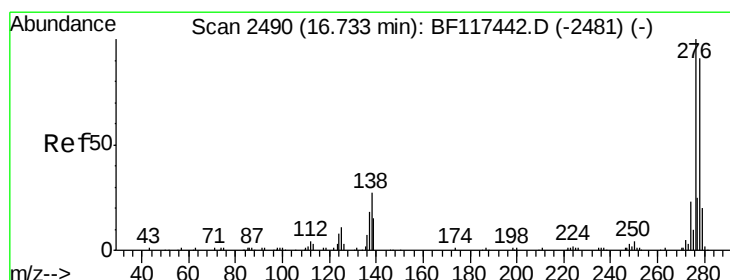
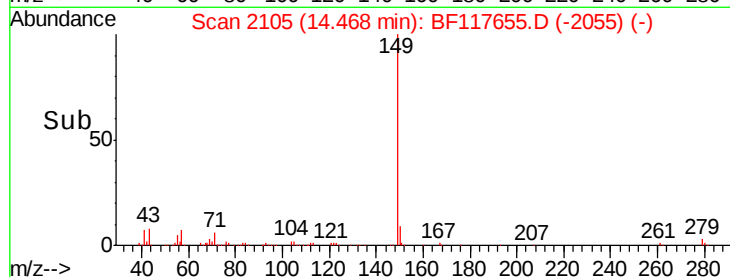
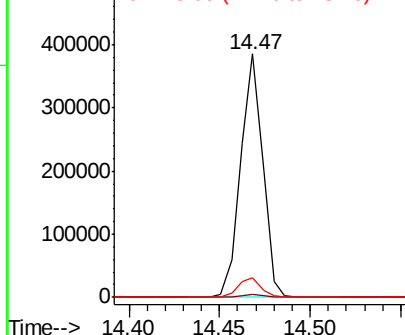


Abundance

Ion 149.00 (148.70 to 149.70): E

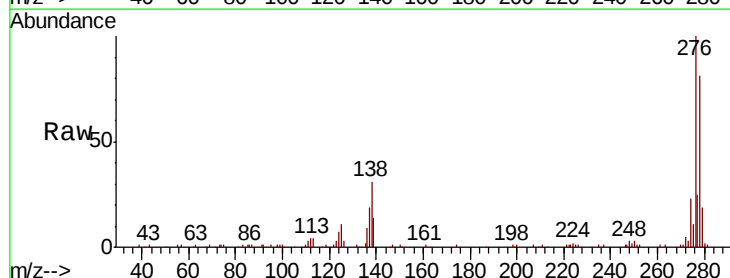
Ion 167.00 (166.70 to 167.70): E

Ion 43.00 (42.70 to 43.70): BF1



#86
Indeno(1,2,3-cd)pyrene
Concen: 45.988 ng
RT: 16.76 min Scan# 2495
Delta R.T. 0.03 min
Lab File: BF117655.D
Acq: 31 Oct 2019 13:57

Tgt Ion	Ratio	Resp	Lower	Upper
276	100	200684		
138	29.1		21.8	32.8
277	25.1		20.0	30.0

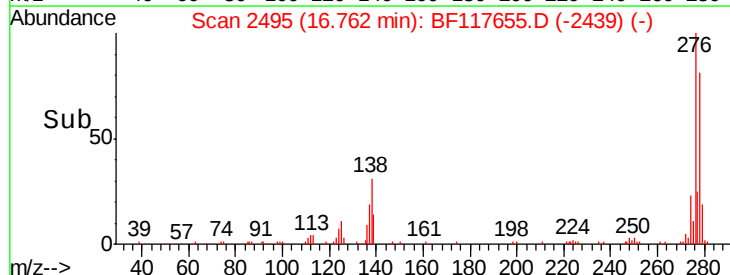
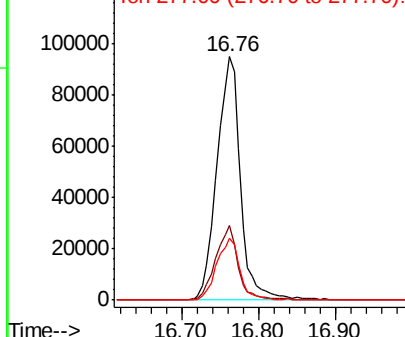


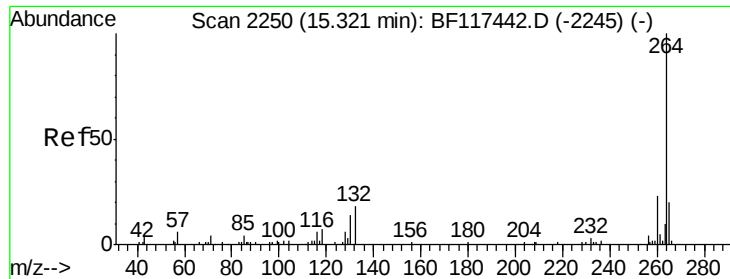
Abundance

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





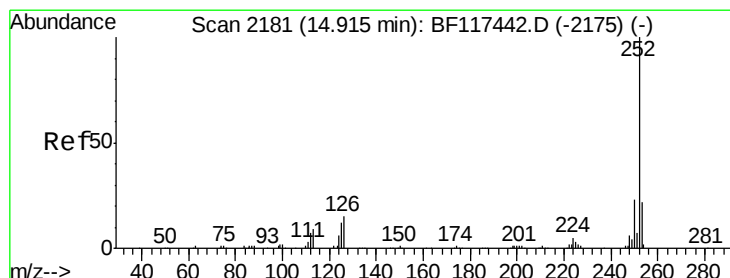
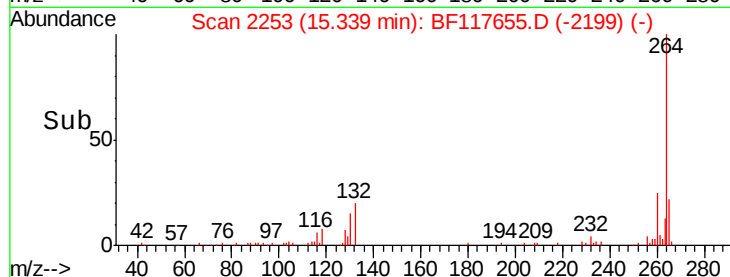
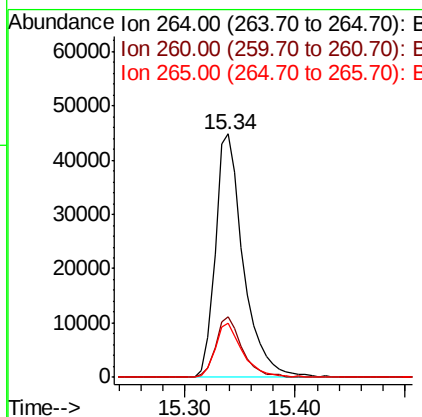
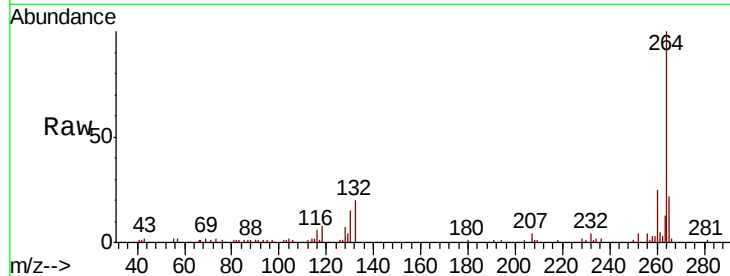
#87
Pervlene-d12
Concen: 20.000 ng
RT: 15.34 min Scan# 2253
Delta R.T. 0.02 min
Lab File: BF117655.D
Acq: 31 Oct 2019 13:57

Instrument :
BNA_F
ClientSampleId :
PB124409BS

Tot Ion	Ratio	Lower	Upper
264	100		
260	25.0	18.4	27.6
265	22.5	16.1	24.1

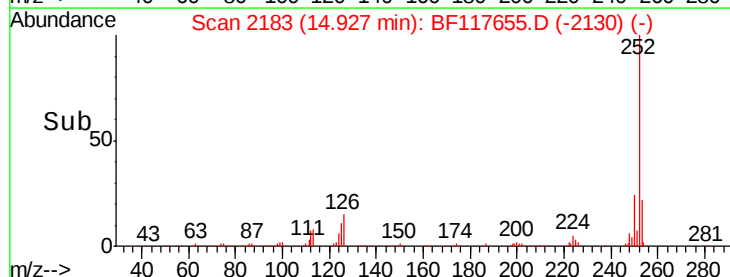
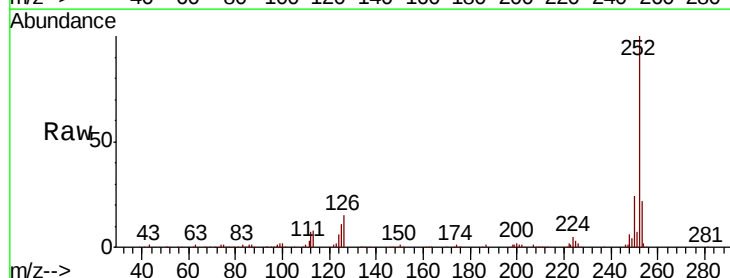
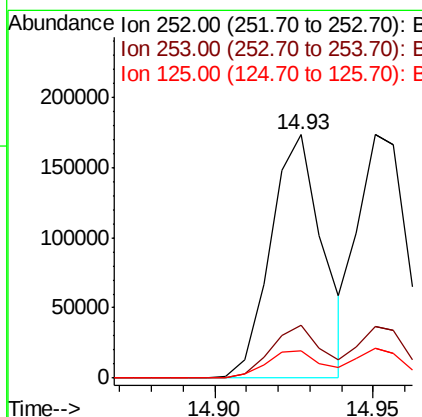
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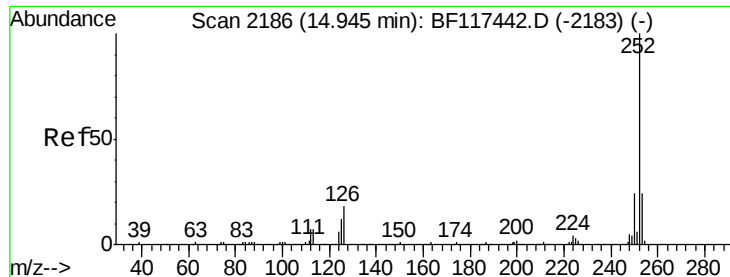
mohammad
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#88
Benzo(b)fluoranthene
Concen: 42.634 ng
RT: 14.93 min Scan# 2183
Delta R.T. 0.01 min
Lab File: BF117655.D
Acq: 31 Oct 2019 13:57

Tgt Ion	Ratio	Lower	Upper
252	100		
253	21.5	17.8	26.6
125	11.1	9.9	14.9





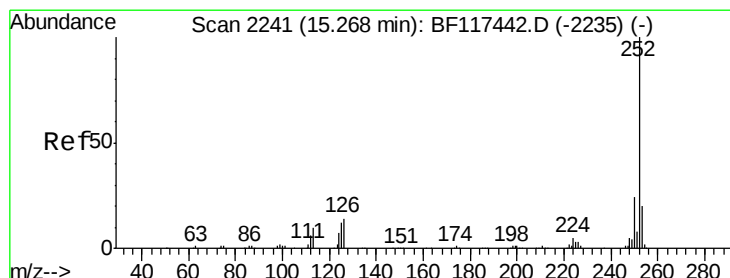
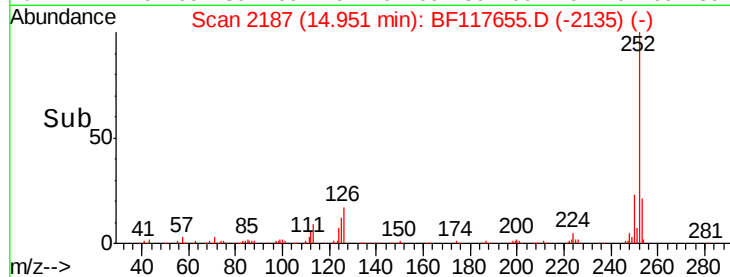
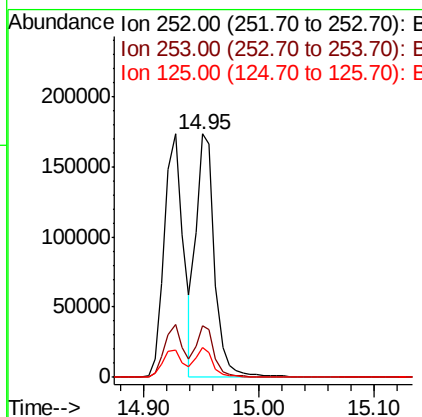
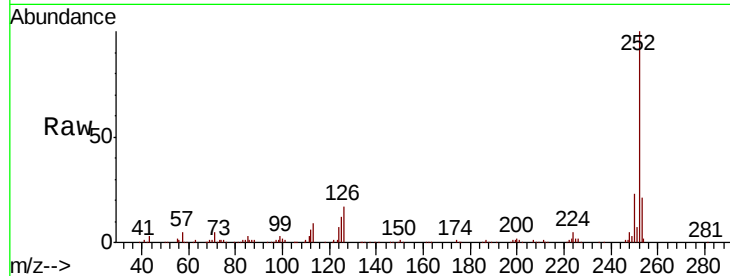
#89
Benzo(k)fluoranthene
Concen: 41.305 ng
RT: 14.95 min Scan# 2187
Delta R.T. 0.01 min
Lab File: BF117655.D
Acq: 31 Oct 2019 13:57

Instrument :
BNA_F
ClientSampleId :
PB124409BS

Tot Ion	Ratio	Resp Lower	Resp Upper
252	100		
253	21.0	18.0	27.0
125	12.1	8.9	13.3

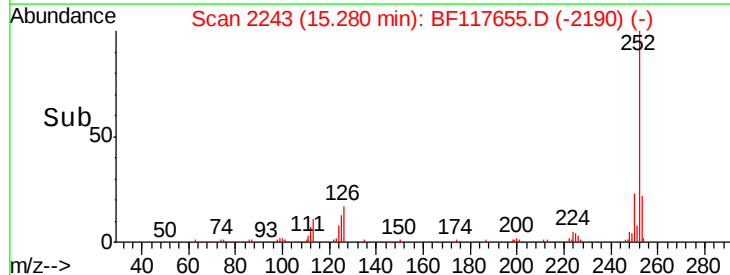
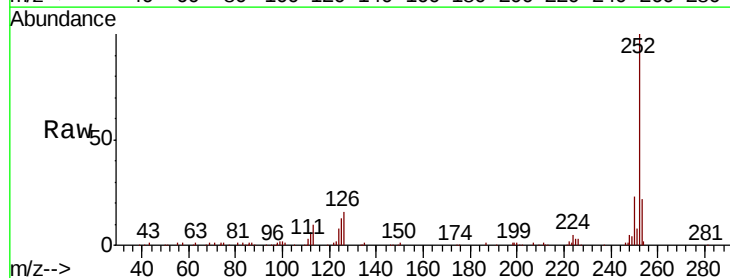
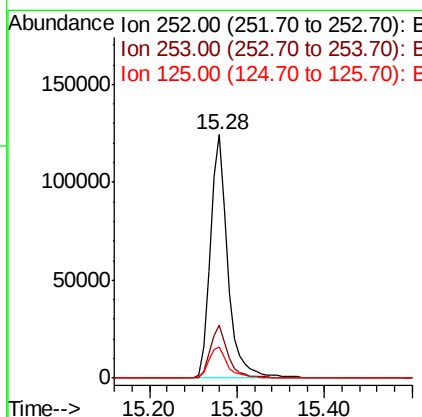
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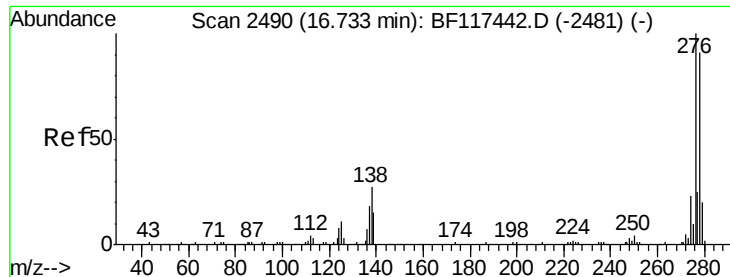
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#90
Benzo(a)pyrene
Concen: 40.931 ng
RT: 15.28 min Scan# 2243
Delta R.T. 0.01 min
Lab File: BF117655.D
Acq: 31 Oct 2019 13:57

Tgt Ion	Ratio	Resp Lower	Resp Upper
252	100		
253	21.5	16.3	24.5
125	12.6	9.2	13.8





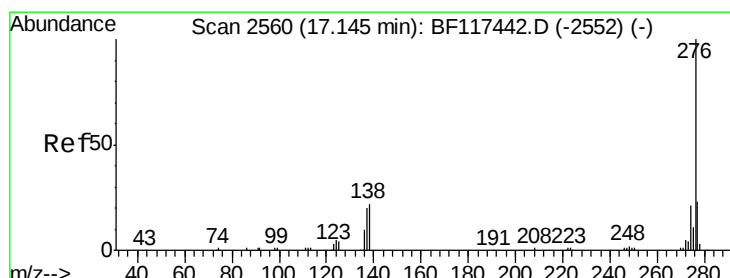
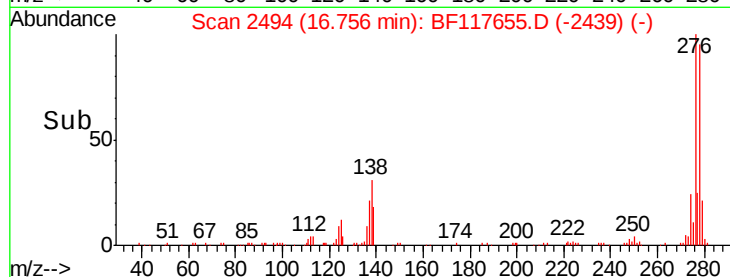
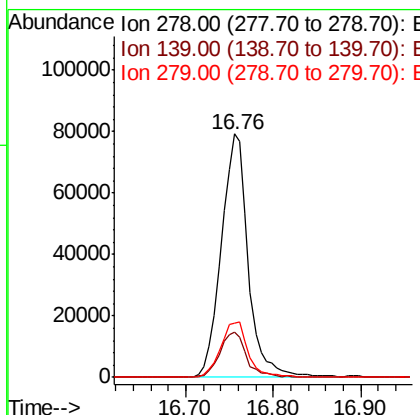
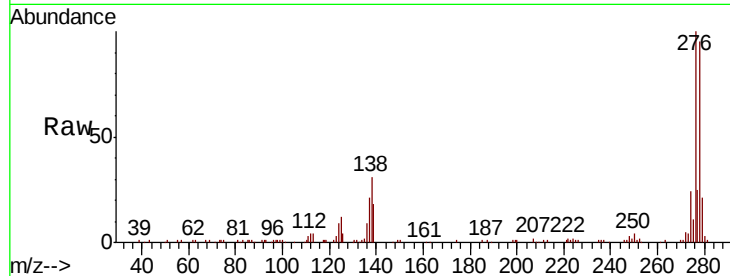
#91
Dibenzo(a,h)anthracene
Concen: 45.929 ng
RT: 16.76 min Scan# 2494
Delta R.T. 0.02 min
Lab File: BF117655.D
Acq: 31 Oct 2019 13:57

Instrument :
BNA_F
ClientSampleID :
PB124409BS

Tot Ion	Ratio	Lower	Upper
278	100		
139	18.7	13.4	20.0
279	22.2	17.8	26.6

Manual Integrations
APPROVED

mohammad
11/1/2019 12:34:25 PM



#92
Benzo(g,h,i)perylene
Concen: 48.850 ng
RT: 17.19 min Scan# 2568
Delta R.T. 0.05 min
Lab File: BF117655.D
Acq: 31 Oct 2019 13:57

Tgt Ion	Ratio	Lower	Upper
276	100		
277	22.2	18.4	27.6
138	24.7	17.8	26.6

