

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF101819\
 Data File : BF117441.D
 Acq On : 18 Oct 2019 15:40
 Operator : JU
 Sample : SSTDICC020
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SSTDICC020

Manual Integrations
 APPROVED

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 10/20/2019 8:04:30 PM

Quant Time: Oct 18 18:31:22 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 17:56:41 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.73	152	45615	20.00	ng	0.00
21) Naphthalene-d8	8.02	136	197235	20.00	ng	0.00
39) Acenaphthene-d10	9.77	164	102649	20.00	ng	0.00
64) Phenanthrene-d10	11.25	188	164702	20.00	ng	0.00
76) Chrysene-d12	13.89	240	122241	20.00	ng	0.00
87) Perylene-d12	15.32	264	109804	20.00	ng	0.00

System Monitoring Compounds						
5) 2-Fluorophenol	5.35	112	122282	41.25	ng	0.00
7) Phenol-d6	6.37	99	169897	43.19	ng	0.00
23) Nitrobenzene-d5	7.30	82	161861	41.60	ng	0.00
42) 2,4,6-Tribromophenol	10.56	330	36837	44.09	ng	0.00
45) 2-Fluorobiphenyl	9.09	172	306125	43.48	ng	0.00
79) Terphenyl-d14	12.83	244	297356	39.65	ng	0.00

Target Compounds					Qvalue	
2) 1,4-Dioxane	2.40	88	26727	21.899	ng	99
3) Pyridine	3.14	79	68157	21.944	ng	99
4) n-Nitrosodimethylamine	3.07	42	22686	20.727	ng	# 95
6) Aniline	6.40	93	101013	20.557	ng	94
8) 2-Chlorophenol	6.52	128	65941	20.006	ng	97
9) Benzaldehyde	6.29	77	47355	24.691	ng	97
10) Phenol	6.39	94	86150	20.287	ng	92
11) bis(2-Chloroethyl)ether	6.47	93	62927	19.490	ng	98
12) 1,3-Dichlorobenzene	6.67	146	72340	19.626	ng	98
13) 1,4-Dichlorobenzene	6.75	146	76446	20.346	ng	96
14) 1,2-Dichlorobenzene	6.90	146	71343	20.102	ng	97
15) Benzyl Alcohol	6.89	79	60718	20.176	ng	97
16) 2,2'-oxybis(1-Chloropropan	7.01	45	68652	20.250	ng	84
17) 2-Methylphenol	7.00	107	53824	19.561	ng	93
18) Hexachloroethane	7.24	117	29135	19.944	ng	93
19) n-Nitroso-di-n-propylamine	7.15	70	51961	20.718	ng	95
20) 3+4-Methylphenols	7.16	107	72607	20.493	ng	# 87
22) Acetophenone	7.15	105	107576	20.785	ng	95
24) Nitrobenzene	7.32	77	75848	19.460	ng	97
25) Isophorone	7.56	82	139253	20.091	ng	97
26) 2-Nitrophenol	7.64	139	34094	19.715	ng	99
27) 2,4-Dimethylphenol	7.68	122	51354	19.539	ng	98
28) bis(2-Chloroethoxy)methane	7.77	93	86427	20.114	ng	100
29) 2,4-Dichlorophenol	7.89	162	54658	20.155	ng	97
30) 1,2,4-Trichlorobenzene	7.96	180	57515	19.674	ng	99
31) Naphthalene	8.04	128	200903	20.396	ng	99
32) Benzoic acid	7.81	122	31968	19.533	ng	89
33) 4-Chloroaniline	8.09	127	84696	20.247	ng	99
34) Hexachlorobutadiene	8.16	225	33714	20.136	ng	97
35) Caprolactam	8.45	113	17806	20.967	ng	87
36) 4-Chloro-3-methylphenol	8.58	107	60698	19.670	ng	99
37) 2-Methylnaphthalene	8.73	142	135076	20.308	ng	99
38) 1-Methylnaphthalene	8.83	142	127306	20.314	ng	100
40) 1,2,4,5-Tetrachlorobenzene	8.90	216	56668	20.512	ng	99

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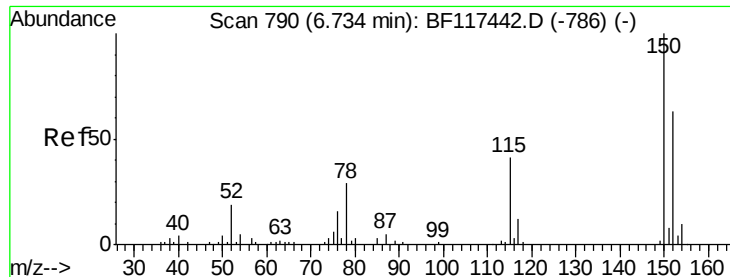
Manual Integrations
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	8.88	237	4714	9.138	nq	95
43) 2,4,6-Trichlorophenol	9.02	196	34821	19.917	nq	98
44) 2,4,5-Trichlorophenol	9.06	196	35816	20.084	nq	97
46) 1,1'-Biphenyl	9.19	154	175242	20.897	nq	99
47) 2-Chloronaphthalene	9.22	162	129709	19.842	nq	99
48) 2-Nitroaniline	9.32	65	41557	19.924	nq	88
49) Acenaphthylene	9.63	152	192051	20.040	nq	99
50) Dimethylphthalate	9.49	163	149712	20.308	nq	99
51) 2,6-Dinitrotoluene	9.56	165	30575	19.732	nq	97
52) Acenaphthene	9.80	154	117333	20.149	nq	98
53) 3-Nitroaniline	9.73	138	38373	20.279	nq	97
54) 2,4-Dinitrophenol	9.87	184	9801	16.509	nq	94
55) Dibenzofuran	9.97	168	175503	20.661	nq	99
56) 4-Nitrophenol	9.92	139	14150	18.790	nq	93
57) 2,4-Dinitrotoluene	9.97	165	42097	20.589	nq	95
58) Fluorene	10.32	166	143554	20.297	nq	99
59) 2,3,4,6-Tetrachlorophenol	10.10	232	28291m	20.521	nq	
60) Diethylphthalate	10.19	149	152349	20.502	nq	98
61) 4-Chlorophenyl-phenylether	10.30	204	64642	20.643	nq	93
62) 4-Nitroaniline	10.34	138	34522	19.193	nq	96
63) Azobenzene	10.46	77	153165	20.088	nq	97
65) 4,6-Dinitro-2-methylphenol	10.39	198	14824	17.917	nq	91
66) n-Nitrosodiphenylamine	10.42	169	122401	19.894	nq	98
67) 4-Bromophenyl-phenylether	10.79	248	35603	19.708	nq	96
68) Hexachlorobenzene	10.87	284	37637	19.400	nq	93
69) Atrazine	10.95	200	34266	34.345	nq	98
70) Pentachlorophenol	11.07	266	10142	17.474	nq	94
71) Phenanthrene	11.27	178	194732	20.001	nq	99
72) Anthracene	11.33	178	204566	20.353	nq	98
73) Carbazole	11.49	167	184335	20.190	nq	99
74) Di-n-butylphthalate	11.81	149	247132	19.990	nq	99
75) Fluoranthene	12.46	202	200573	20.718	nq	99
77) Benzidine	12.59	184	81589	26.987	nq	99
78) Pyrene	12.69	202	202145	18.708	nq	99
80) Butylbenzylphthalate	13.30	149	103110	18.977	nq	95
81) Benzo(a)anthracene	13.88	228	169997	20.268	nq	99
82) 3,3'-Dichlorobenzidine	13.84	252	58733	22.148	nq	# 97
83) Chrysene	13.92	228	162545	19.651	nq	98
84) Bis(2-ethylhexyl)phthalate	13.86	149	144774	18.897	nq	# 96
85) Di-n-octyl phthalate	14.47	149	229427	19.671	nq	99
86) Indeno(1,2,3-cd)pyrene	16.73	276	114383	19.777	nq	100
88) Benzo(b)fluoranthene	14.92	252	134572	19.686	nq	97
89) Benzo(k)fluoranthene	14.94	252	140429	20.671	nq	98
90) Benzo(a)pyrene	15.26	252	121163	20.016	nq	99
91) Dibenzo(a,h)anthracene	16.73	278	95243	18.362	nq	97
92) Benzo(g,h,i)perylene	17.14	276	87793	17.781	nq	97

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



#1

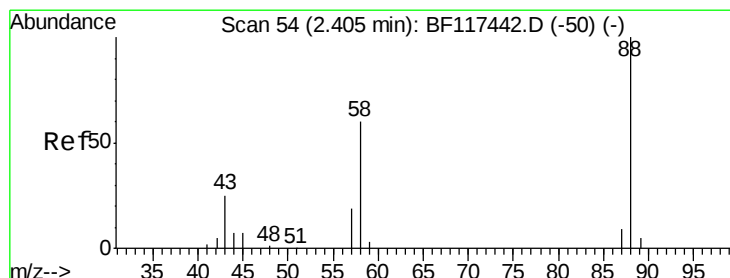
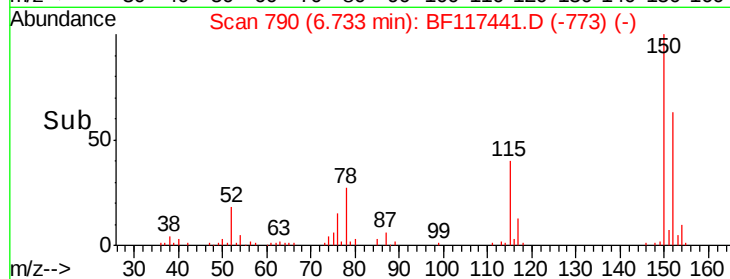
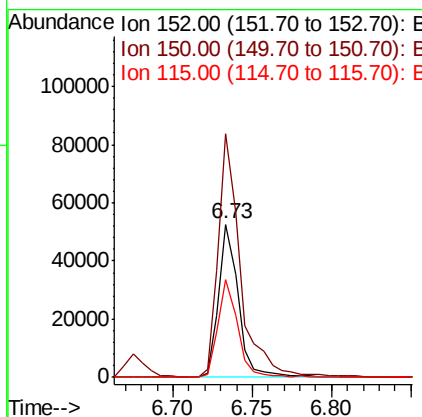
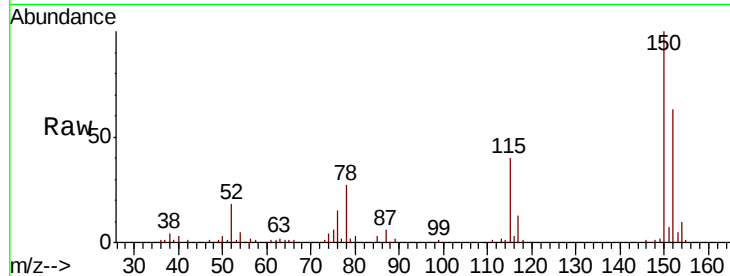
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.73 min Scan# 790
Delta R.T. -0.00 min
Lab File: BF117441.D
Acq: 18 Oct 2019 15:40

Instrument :
BNA_F
ClientSampleId :
SSTDIC020

Tot Ion	Ratio	Lower	Upper
152	100		
150	158.9	126.8	190.2
115	63.4	51.6	77.4

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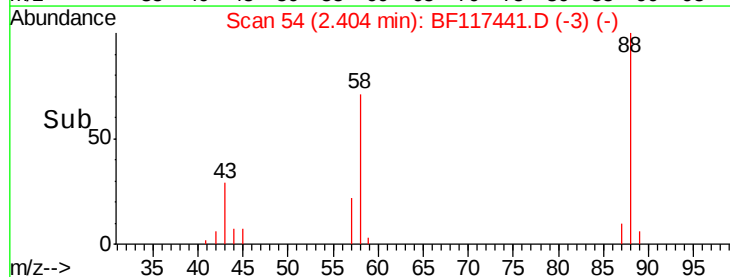
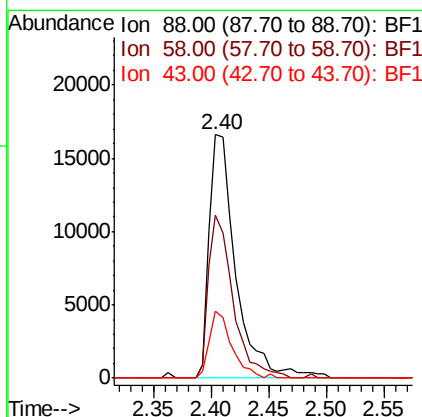
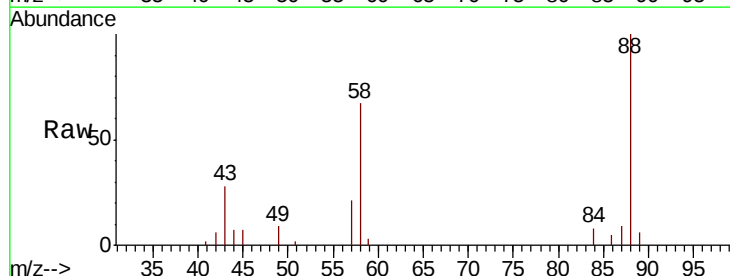
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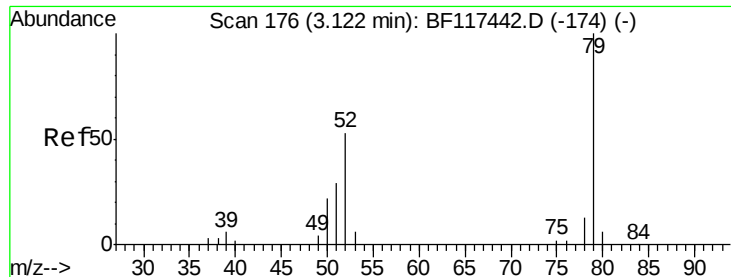


#2

1,4-Dioxane
Concen: 21.899 ng
RT: 2.40 min Scan# 54
Delta R.T. -0.00 min
Lab File: BF117441.D
Acq: 18 Oct 2019 15:40

Tgt Ion	Ratio	Lower	Upper
88	100		
58	61.9	48.8	73.2
43	23.4	18.5	27.7





#3

Pvridine

Concen: 21.944 ng

RT: 3.14 min Scan# 179

Delta R.T. 0.02 min

Lab File: BF117441.D

Acq: 18 Oct 2019 15:40

Instrument :

BNA_F

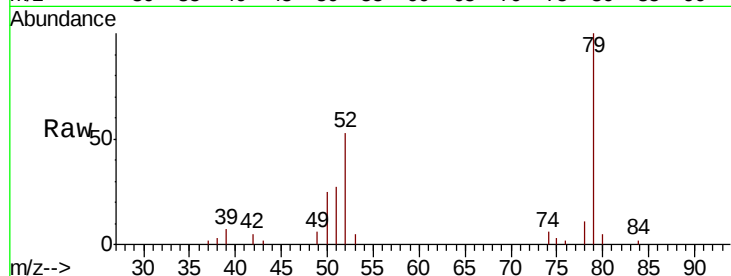
ClientSampleId :

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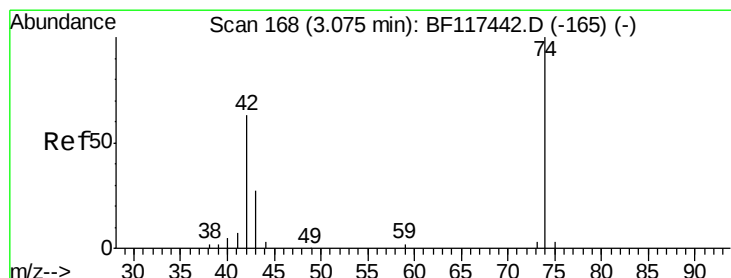
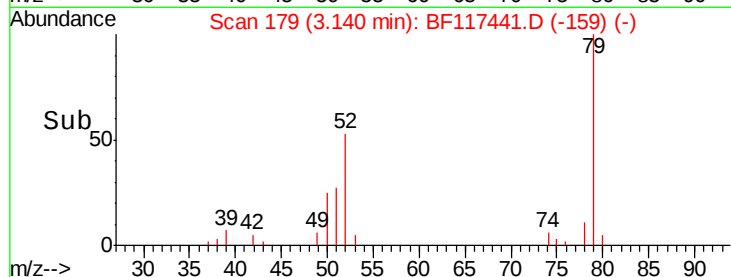
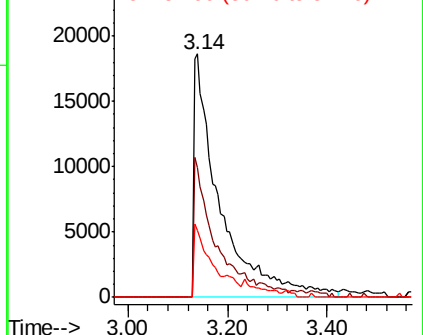
Tot Ion:	79	Resp:	68157
Ion	Ratio	Lower	Upper
79	100		
52	53.2	42.4	63.6
51	27.3	23.3	34.9

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



#4

n-Nitrosodimethylamine

Concen: 20.727 ng

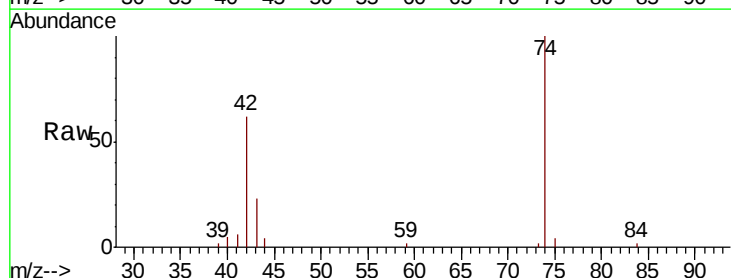
RT: 3.07 min Scan# 167

Delta R.T. -0.01 min

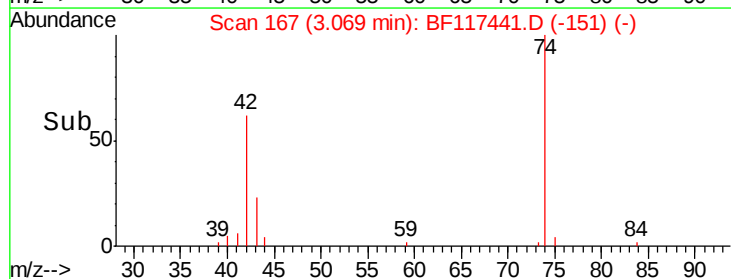
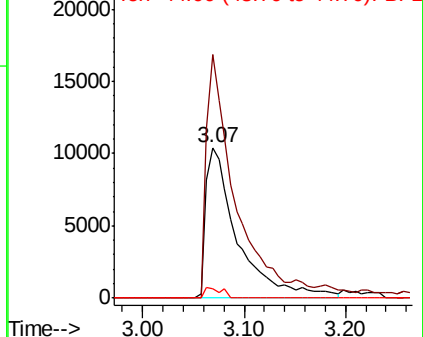
Lab File: BF117441.D

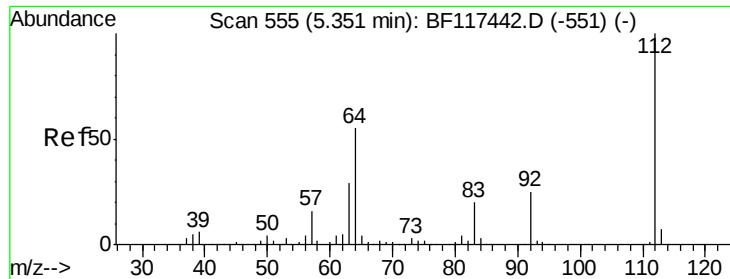
Acq: 18 Oct 2019 15:40

Tgt Ion:	42	Resp:	22686
Ion	Ratio	Lower	Upper
42	100		
74	162.1	124.2	186.4
44	6.5	4.2	6.4#



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





#5

2-Fluorophenol

Concen: 41.247 ng

RT: 5.35 min Scan# 555

Delta R.T. -0.00 min

Lab File: BF117441.D

Acq: 18 Oct 2019 15:40

Instrument :

BNA_F

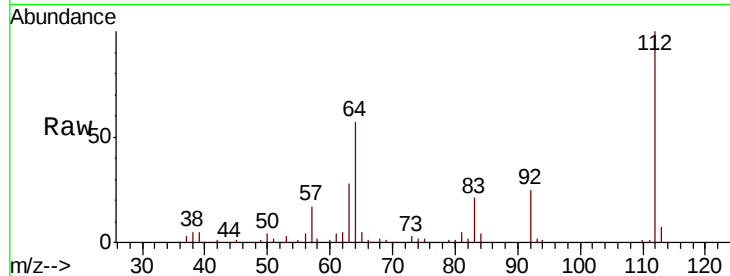
ClientSampleId :

SSTDIC020

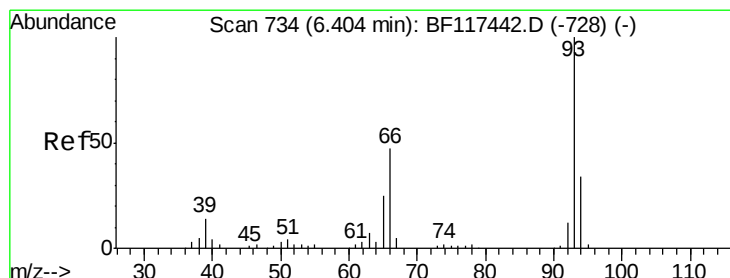
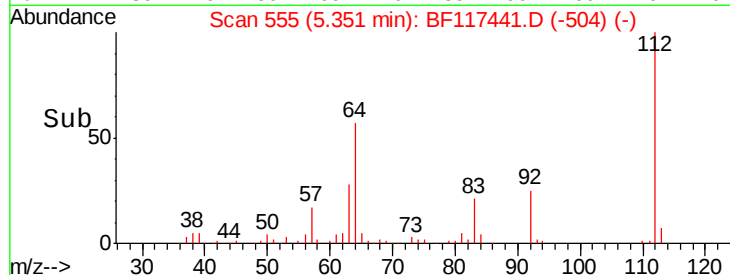
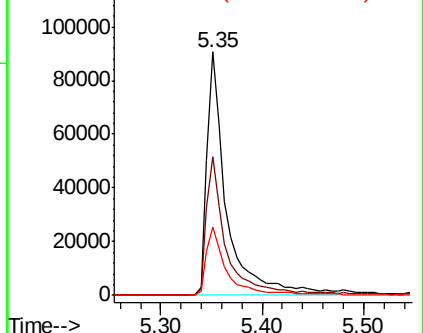
Tot Ion	Ion	Ratio	Resp	Lower	Upper
112	100		122282		
64	57.0	44.1	66.1		
63	27.9	23.4	35.2		

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



#6

Aniline

Concen: 20.557 ng

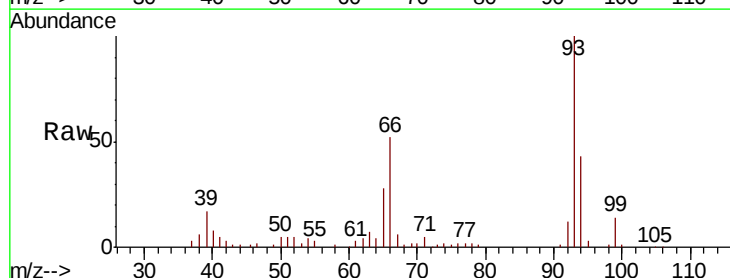
RT: 6.40 min Scan# 733

Delta R.T. -0.01 min

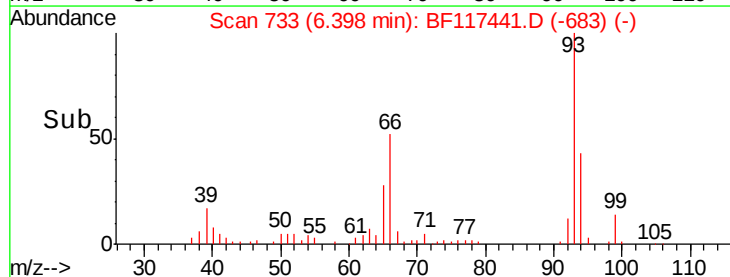
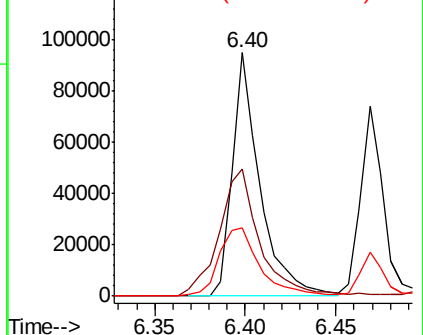
Lab File: BF117441.D

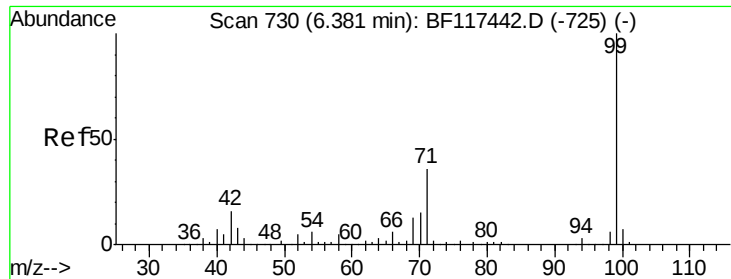
Acq: 18 Oct 2019 15:40

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
93	100		101013		
66	52.5	38.7	58.1		
65	27.9	20.1	30.1		



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





#7

Phenol-d6

Concen: 43.192 ng

RT: 6.37 min Scan# 729

Delta R.T. -0.01 min

Lab File: BF117441.D

Acq: 18 Oct 2019 15:40

Instrument :

BNA_F

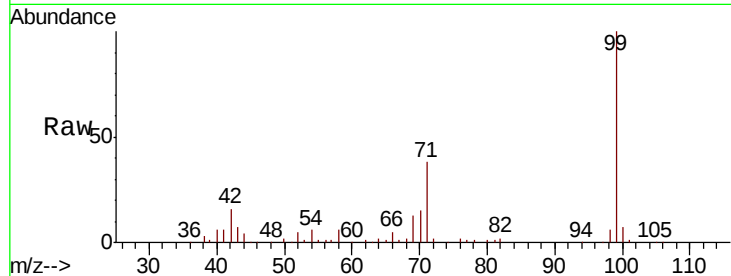
ClientSampleId :

SSTDIC020

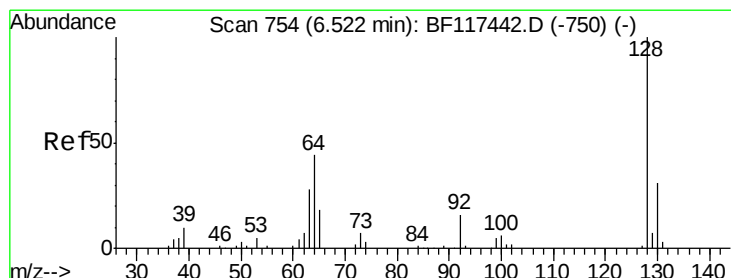
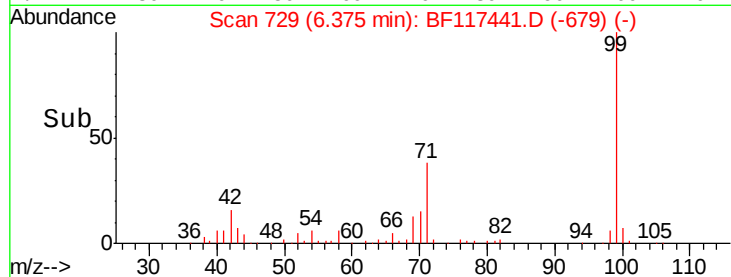
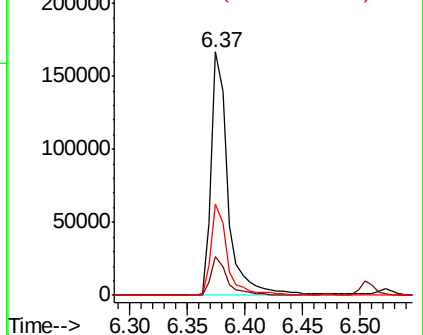
Tot Ion:	99	Resp:	169897
Ion Ratio	Lower	Upper	
99	100		
42	15.8	12.8	19.2
71	37.6	28.6	43.0

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



#8

2-Chlorophenol

Concen: 20.006 ng

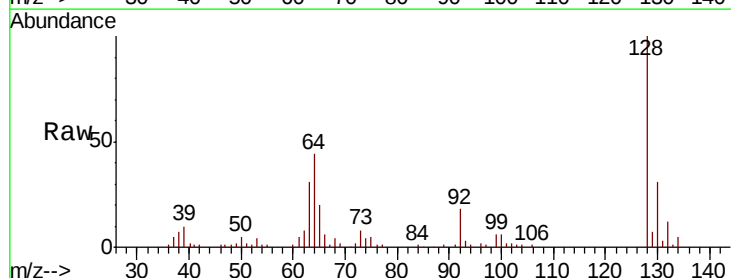
RT: 6.52 min Scan# 754

Delta R.T. -0.00 min

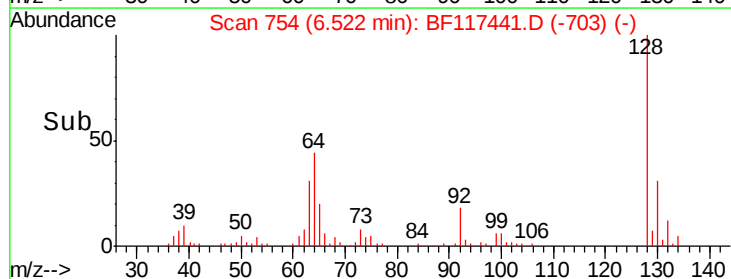
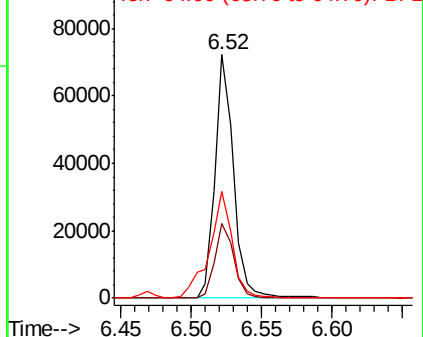
Lab File: BF117441.D

Acq: 18 Oct 2019 15:40

Tgt Ion:	128	Resp:	65941
Ion Ratio	Lower	Upper	
128	100		
130	30.8	11.1	51.1
64	43.9	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





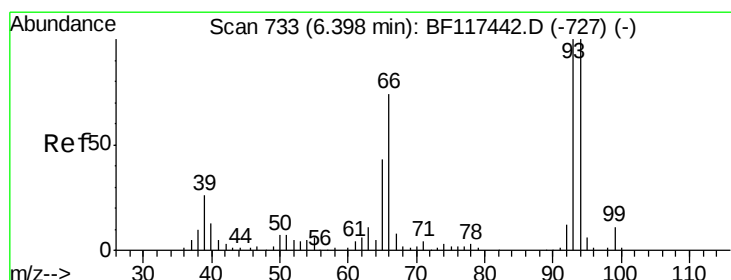
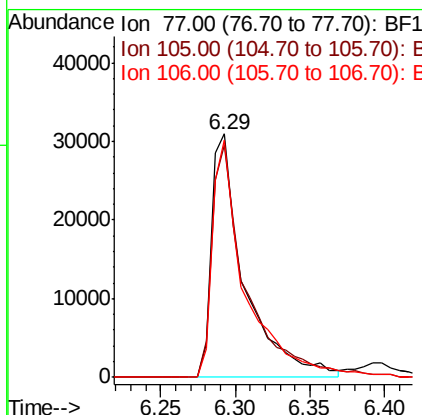
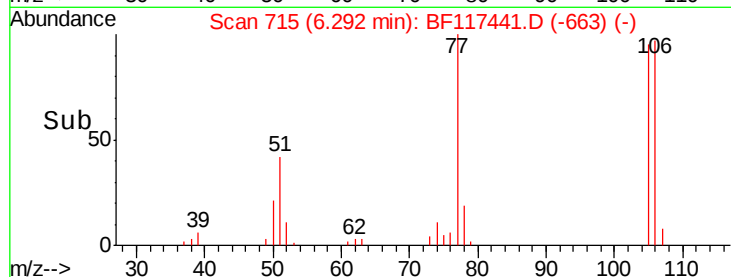
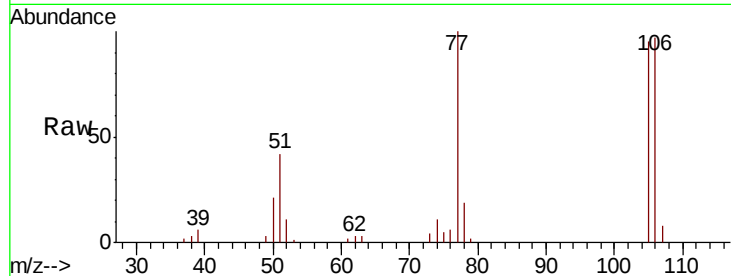
#9
Benzaldehyde
Concen: 24.691 ng
RT: 6.29 min Scan# 715
Delta R.T. 0.01 min
Lab File: BF117441.D
Acq: 18 Oct 2019 15:40

Instrument :
BNA_F
ClientSampleId :
SSTDIC020

Tot Ion	Ratio	Lower	Upper
77	100		
105	95.1	73.4	113.4
106	97.3	73.0	113.0

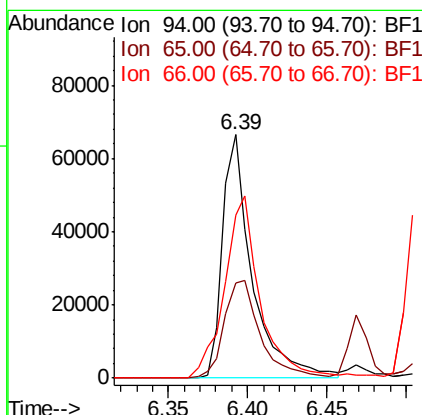
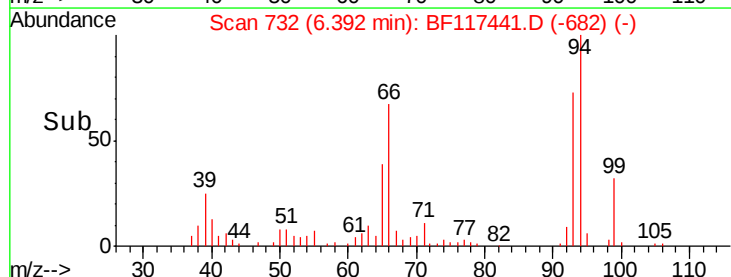
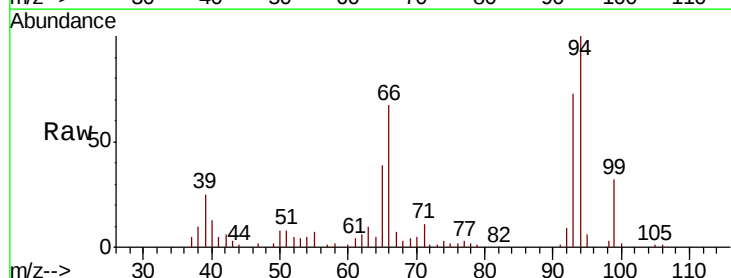
Manual Integrations
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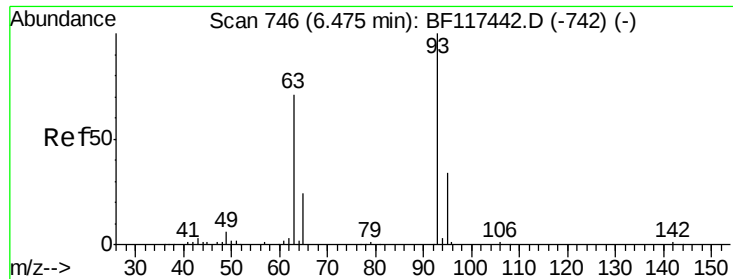
mohammad
10/20/2019 8:04:30 PM



#10
Phenol
Concen: 20.287 ng
RT: 6.39 min Scan# 732
Delta R.T. -0.01 min
Lab File: BF117441.D
Acq: 18 Oct 2019 15:40

Tgt Ion	Ratio	Lower	Upper
94	100		
65	38.8	23.4	63.4
66	67.0	54.7	94.7





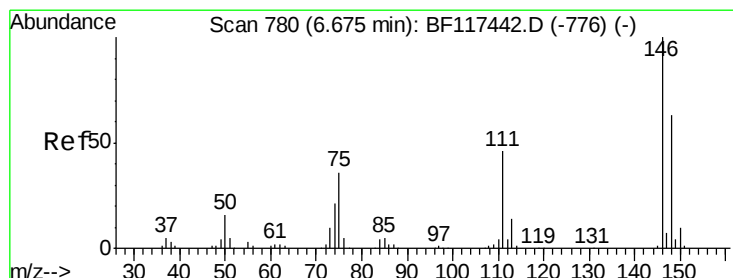
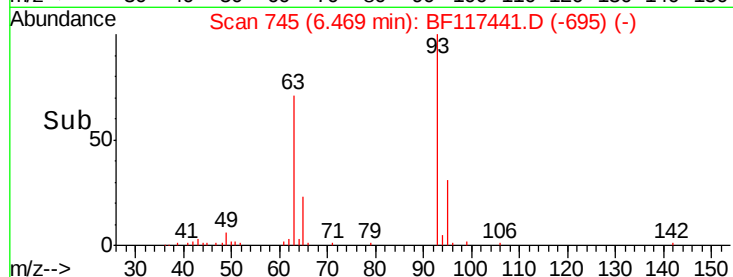
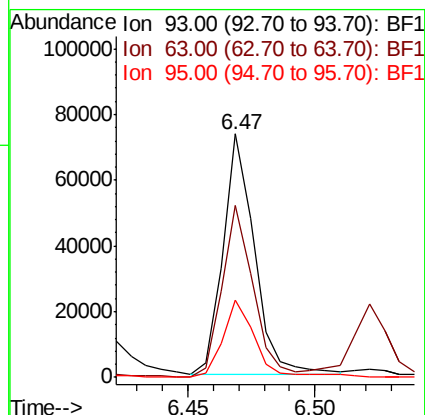
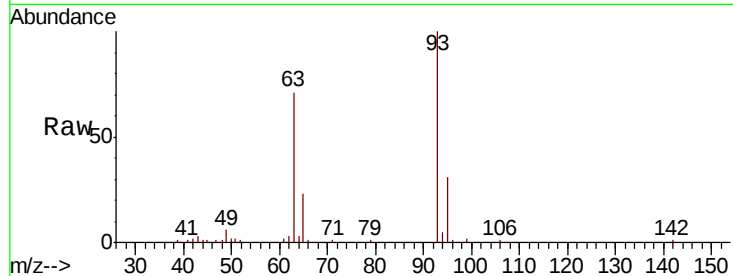
#11
bis(2-Chloroethyl)ether
Concen: 19.490 ng
RT: 6.47 min Scan# 745
Delta R.T. -0.01 min
Lab File: BF117441.D
Acq: 18 Oct 2019 15:40

Instrument :
BNA_F
ClientSampleId :
SSTDIC020

Tot Ion:	93	Resp:	62927
Ion Ratio	Lower	Upper	
93	100		
63	70.7	50.2	90.2
95	31.5	13.9	53.9

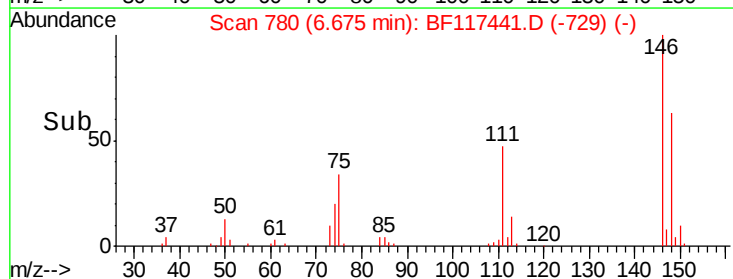
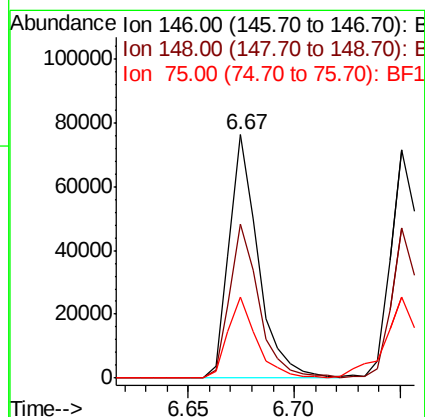
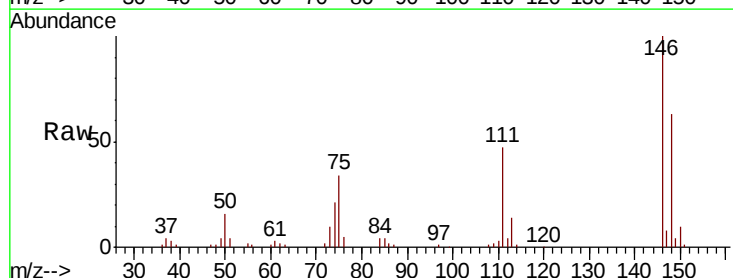
Manual Integrations
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#12
1,3-Dichlorobenzene
Concen: 19.626 ng
RT: 6.67 min Scan# 780
Delta R.T. -0.00 min
Lab File: BF117441.D
Acq: 18 Oct 2019 15:40

Tgt Ion:	146	Resp:	72340
Ion Ratio	Lower	Upper	
146	100		
148	63.3	50.6	75.8
75	33.5	28.6	43.0





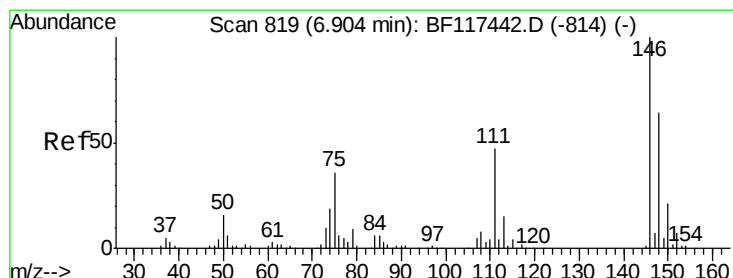
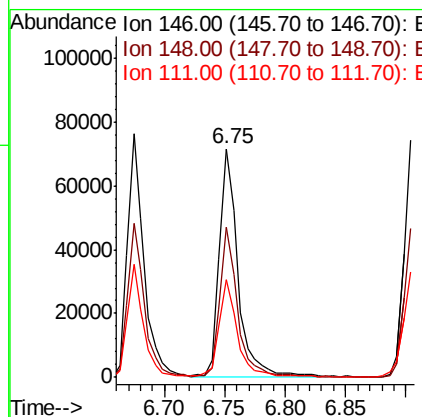
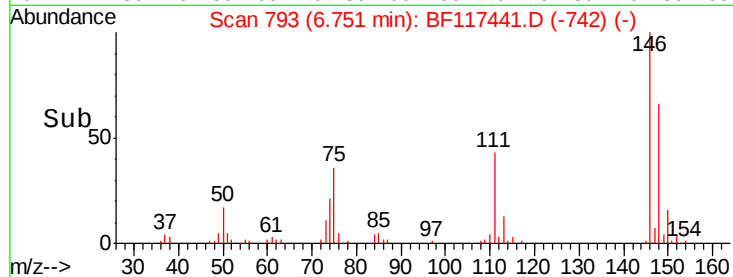
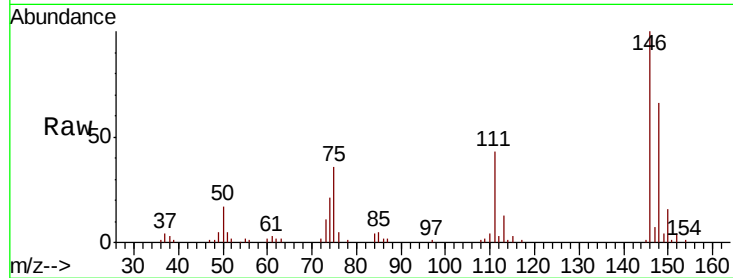
#13
 1,4-Dichlorobenzene
 Concen: 20.346 ng
 RT: 6.75 min Scan# 793
 Delta R.T. -0.00 min
 Lab File: BF117441.D
 Acq: 18 Oct 2019 15:40

Instrument :
 BNA_F
 ClientSampled :
 SSTDICC020

Tot Ion	Ratio	Lower	Upper
146	100		
148	65.8	49.3	73.9
111	42.6	33.6	50.4

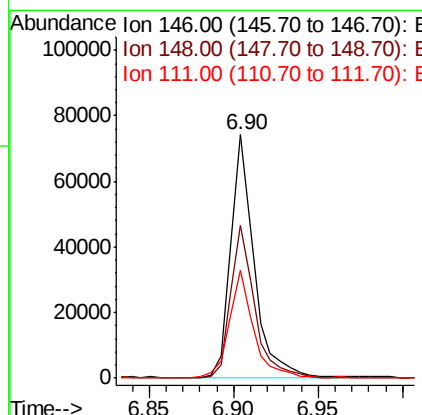
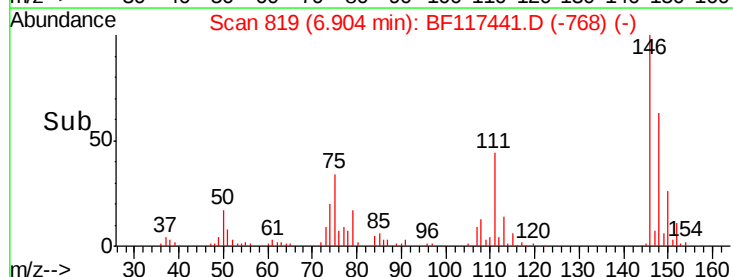
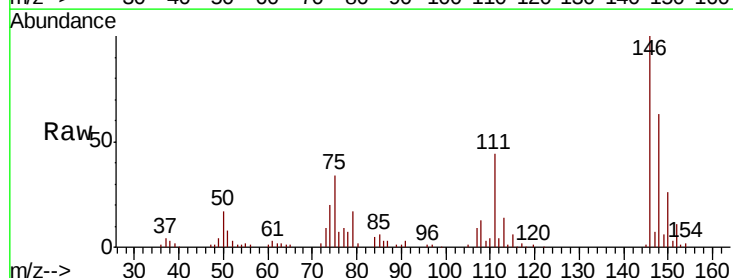
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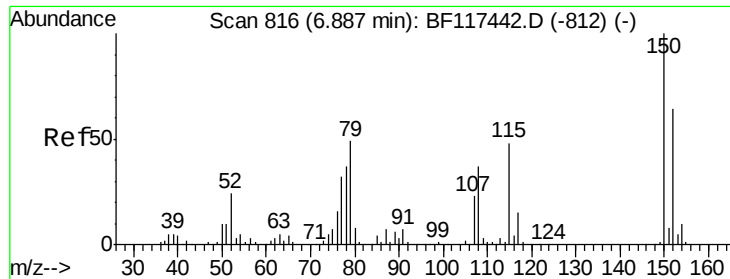
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#14
 1,2-Dichlorobenzene
 Concen: 20.102 ng
 RT: 6.90 min Scan# 819
 Delta R.T. -0.00 min
 Lab File: BF117441.D
 Acq: 18 Oct 2019 15:40

Tgt Ion	Ratio	Lower	Upper
146	100		
148	62.8	51.4	77.0
111	44.5	37.7	56.5





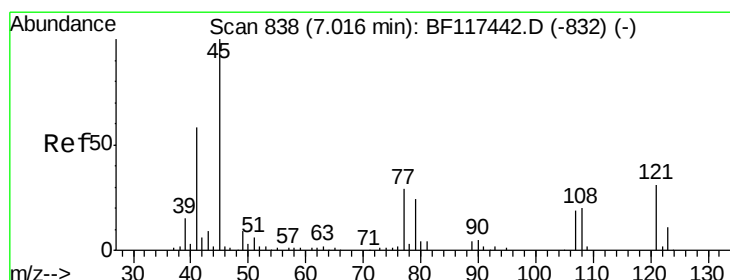
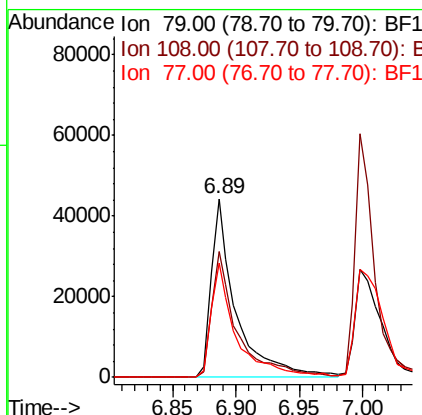
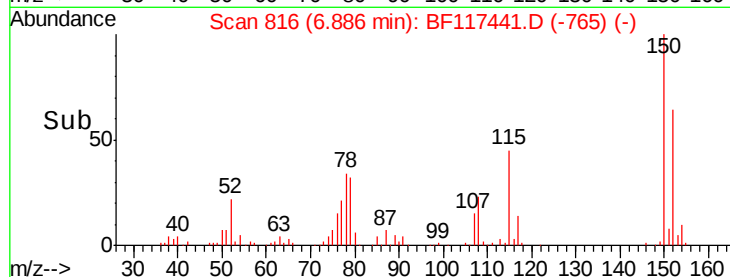
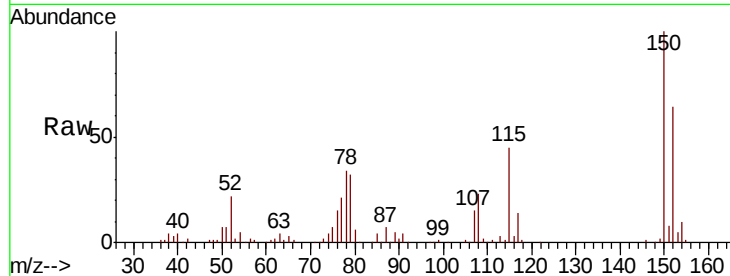
#15
Benzyl Alcohol
Concen: 20.176 ng
RT: 6.89 min Scan# 816
Delta R.T. -0.00 min
Lab File: BF117441.D
Acq: 18 Oct 2019 15:40

Instrument :
BNA_F
ClientSampleId :
SSTDIC020

Tot Ion	Ratio	Lower	Upper
79	100		
108	70.4	59.8	89.8
77	64.2	51.4	77.0

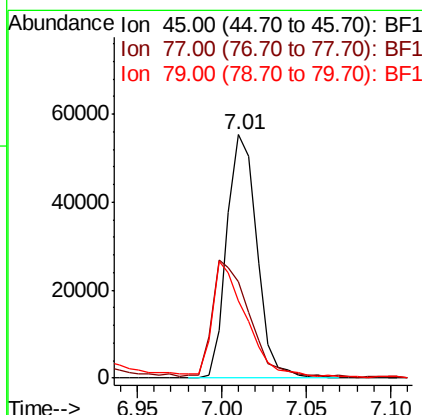
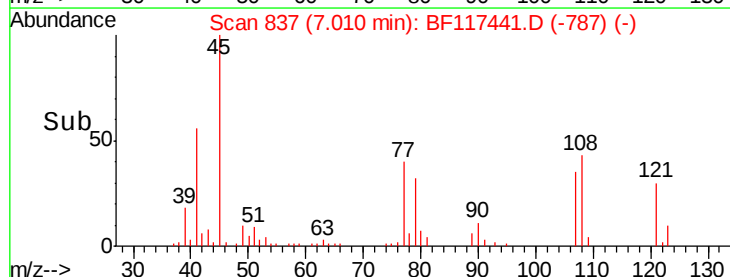
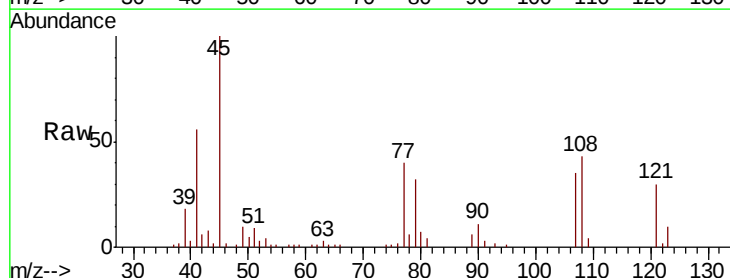
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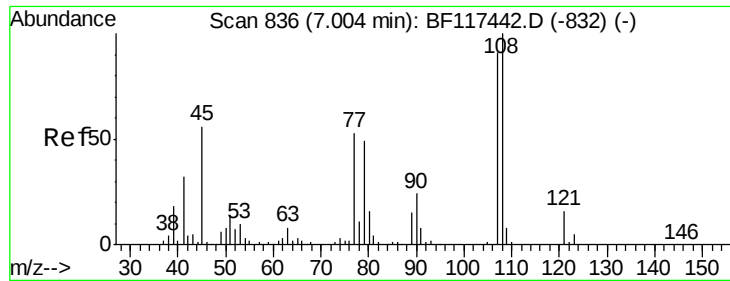
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#16
2,2'-oxybis(1-chloropropane)
Concen: 20.250 ng
RT: 7.01 min Scan# 837
Delta R.T. -0.01 min
Lab File: BF117441.D
Acq: 18 Oct 2019 15:40

Tgt Ion	Ratio	Lower	Upper
45	100		
77	39.9	9.9	49.9
79	31.6	5.5	45.5





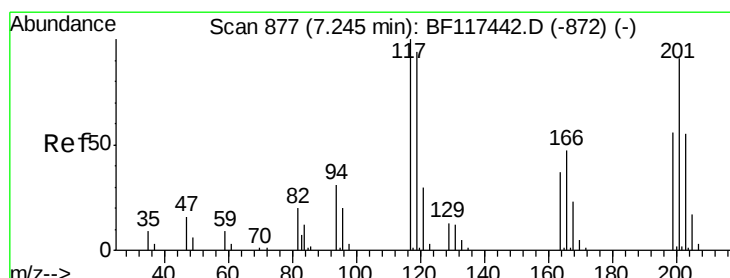
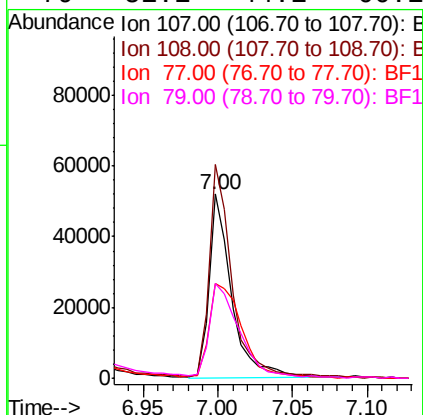
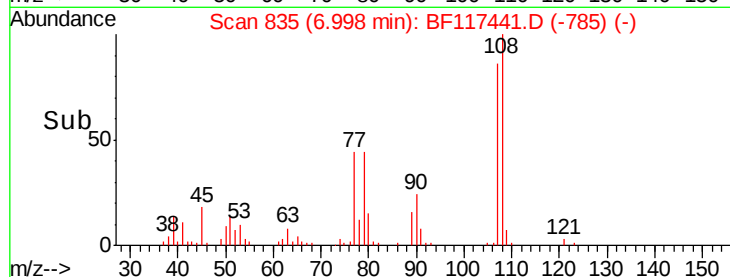
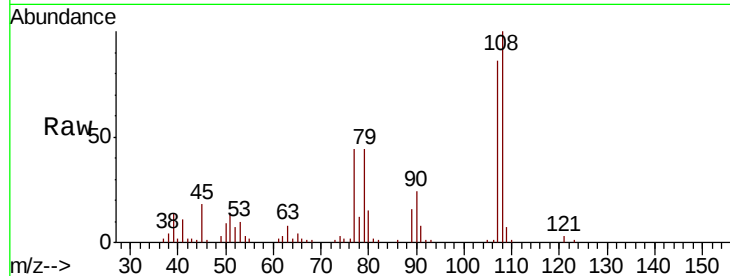
#17
2-Methylphenol
Concen: 19.561 ng
RT: 7.00 min Scan# 835
Delta R.T. -0.01 min
Lab File: BF117441.D
Acq: 18 Oct 2019 15:40

Instrument :
BNA_F
ClientSampleId :
SSTDIC020

Tot Ion:	107	Resp:	53824
Ion	Ratio	Lower	Upper
107	100		
108	115.9	88.0	132.0
77	51.5	47.2	70.8
79	51.1	44.1	66.1

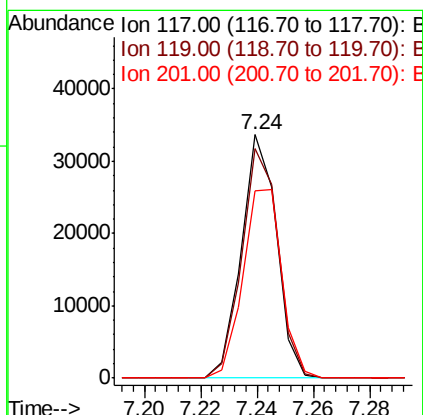
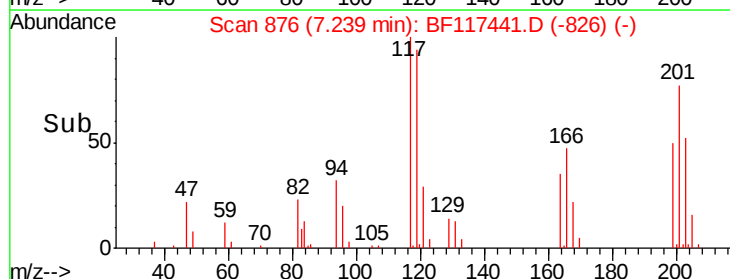
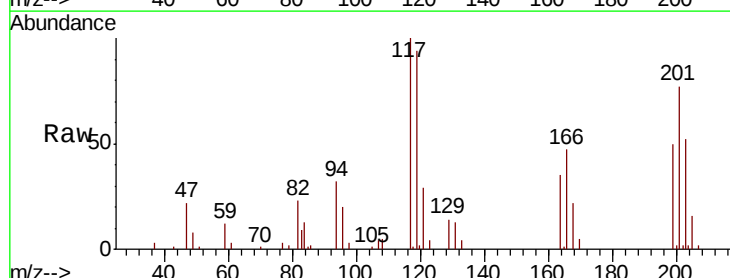
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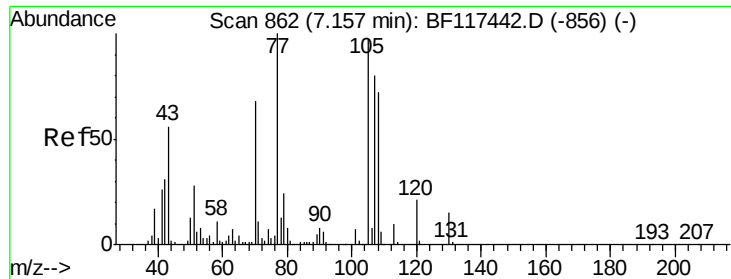
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#18
Hexachloroethane
Concen: 19.944 ng
RT: 7.24 min Scan# 876
Delta R.T. -0.01 min
Lab File: BF117441.D
Acq: 18 Oct 2019 15:40

Tgt Ion:	117	Resp:	29135
Ion	Ratio	Lower	Upper
117	100		
119	94.5	75.4	113.0
201	77.1	72.5	108.7





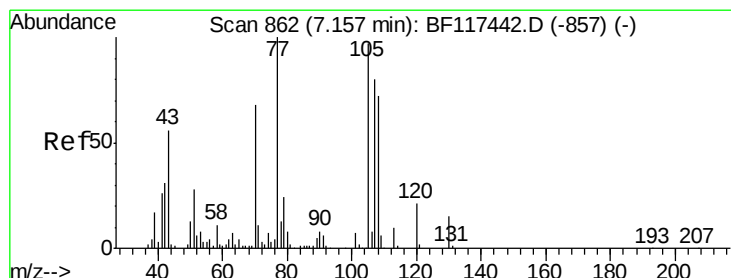
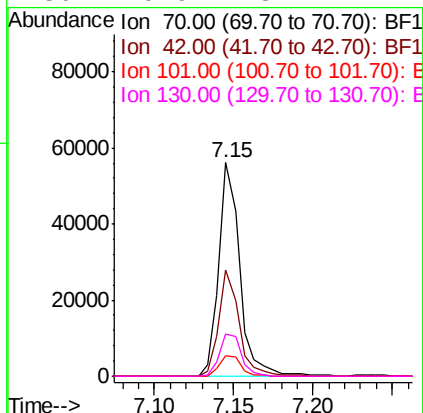
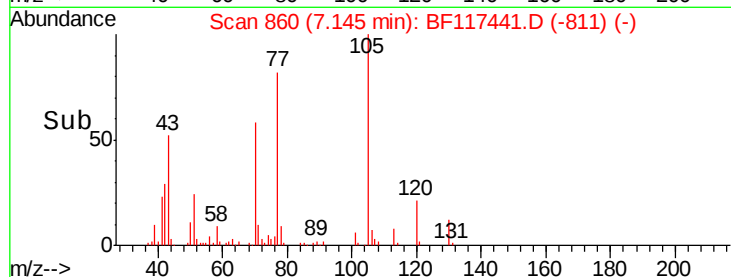
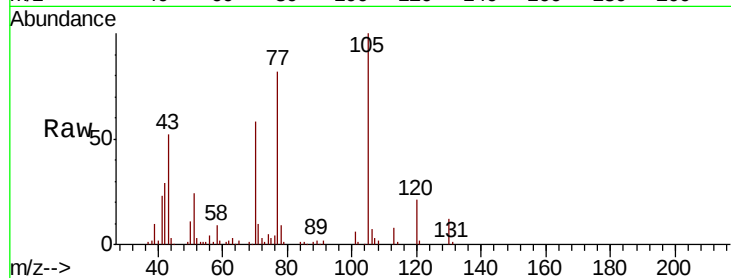
#19
n-Nitroso-di-n-propylamine
Concen: 20.718 ng
RT: 7.15 min Scan# 860
Delta R.T. -0.01 min
Lab File: BF117441.D
Acq: 18 Oct 2019 15:40

Instrument :
BNA_F
ClientSampleId :
SSTDIC020

Tot Ion	Ratio	Lower	Upper
70	100		
42	49.8	36.7	55.1
101	9.6	8.3	12.5
130	19.9	18.1	27.1

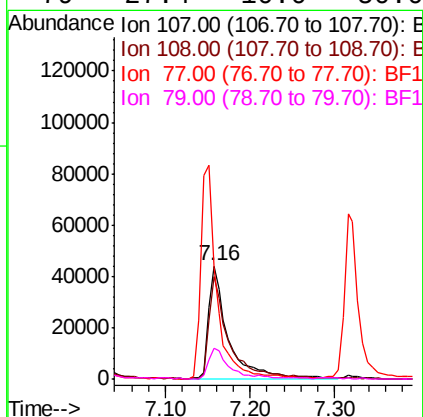
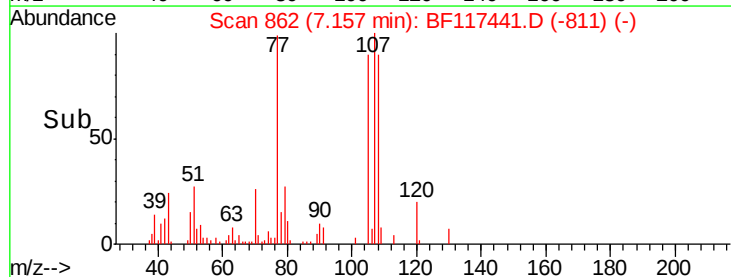
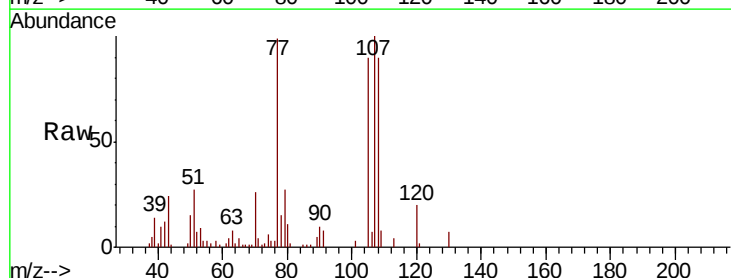
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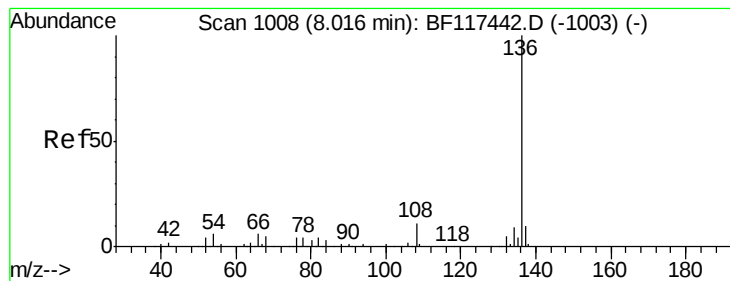
mohammad
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#20
3+4-Methylphenols
Concen: 20.493 ng
RT: 7.16 min Scan# 862
Delta R.T. -0.00 min
Lab File: BF117441.D
Acq: 18 Oct 2019 15:40

Tgt Ion	Ratio	Lower	Upper
107	100		
108	89.9	70.3	110.3
77	98.5	104.8	144.8#
79	27.4	10.0	50.0





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.02 min Scan# 1008

Delta R.T. -0.00 min

Lab File: BF117441.D

Acq: 18 Oct 2019 15:40

Instrument :

BNA_F

ClientSampleId :

SSTDIC020

Tot Ion:136 Resp: 197235

Ion Ratio Lower Upper

136 100

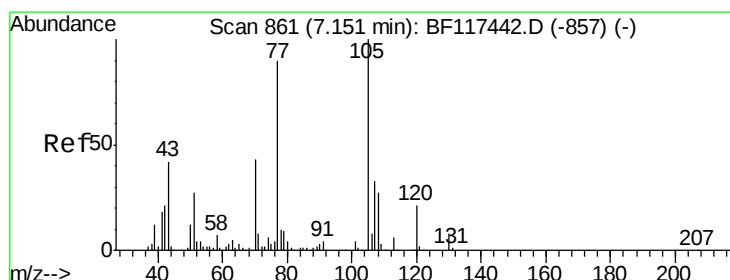
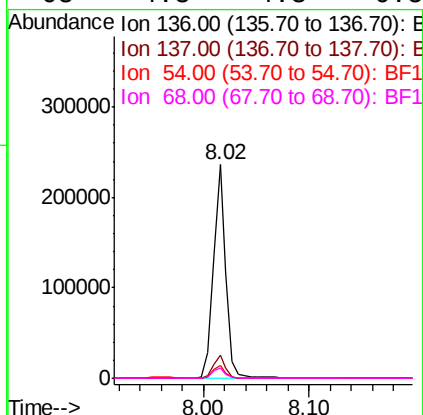
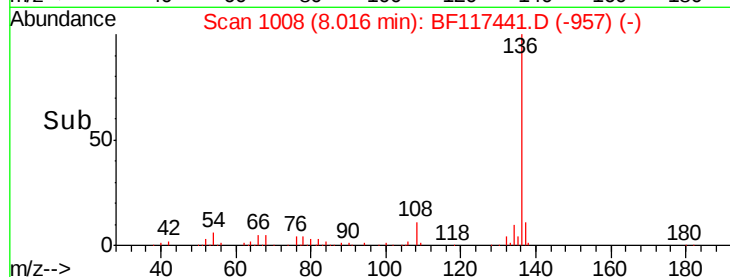
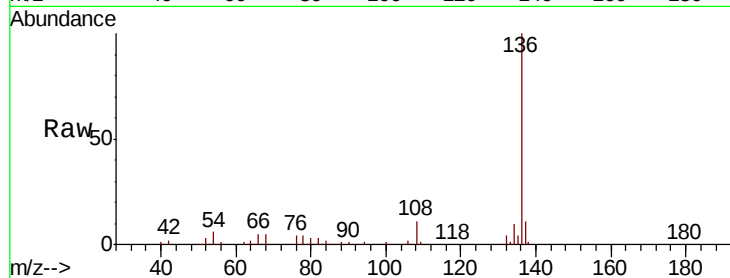
137 10.6 8.2 12.4

54 6.2 4.5 6.7

68 4.8 4.3 6.5

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#22

Acetophenone

Concen: 20.785 ng

RT: 7.15 min Scan# 861

Delta R.T. -0.00 min

Lab File: BF117441.D

Acq: 18 Oct 2019 15:40

Tgt Ion:105 Resp: 107576

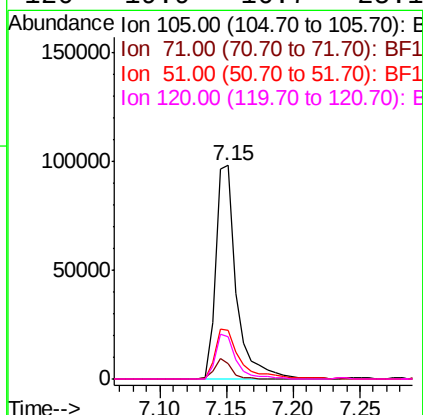
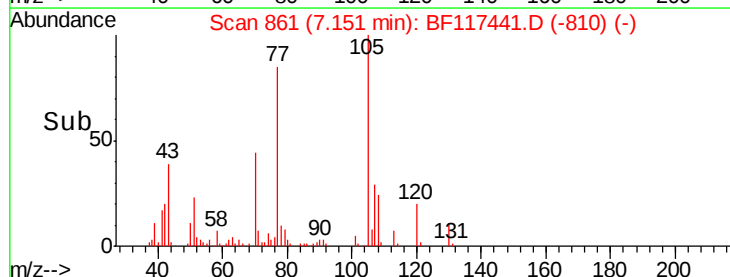
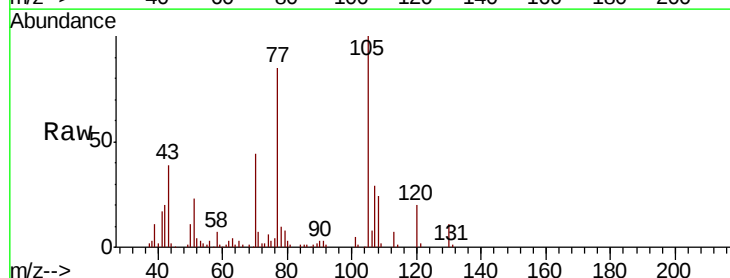
Ion Ratio Lower Upper

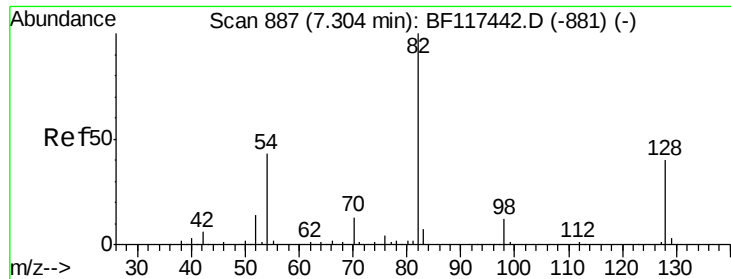
105 100

71 7.4 6.2 9.2

51 22.5 21.8 32.6

120 19.9 16.7 25.1





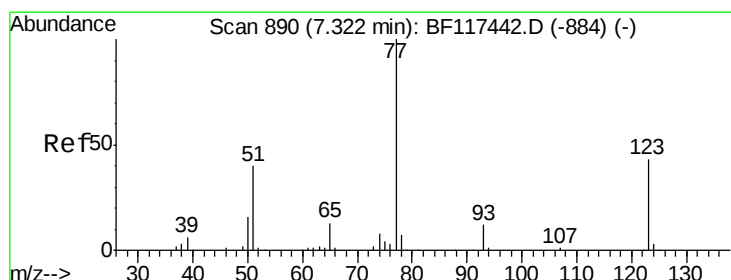
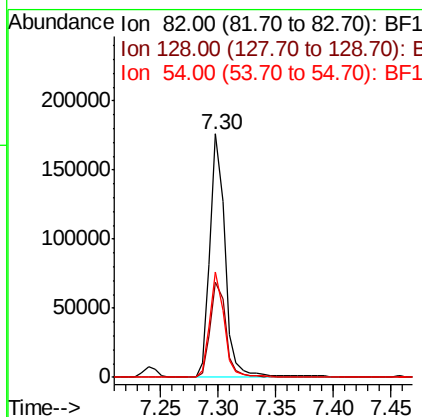
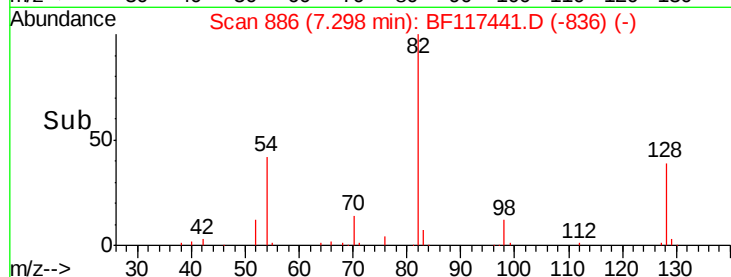
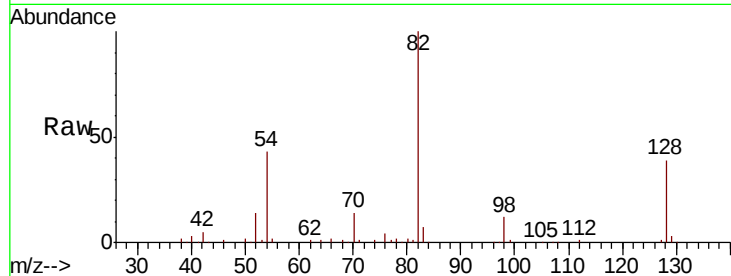
#23
Nitrobenzene-d5
Concen: 41.599 ng
RT: 7.30 min Scan# 886
Delta R.T. -0.01 min
Lab File: BF117441.D
Acq: 18 Oct 2019 15:40

Instrument :
BNA_F
ClientSampleId :
SSTDIC020

Tot Ion	Ratio	Lower	Upper
82	100		
128	39.2	32.2	48.2
54	43.2	34.2	51.2

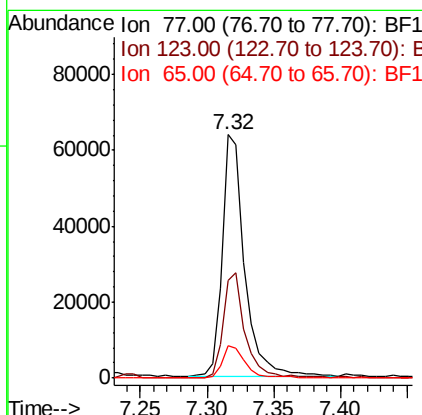
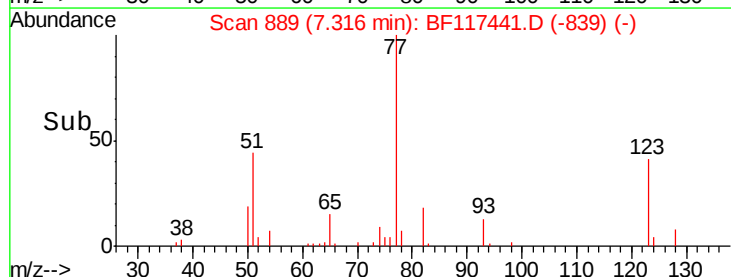
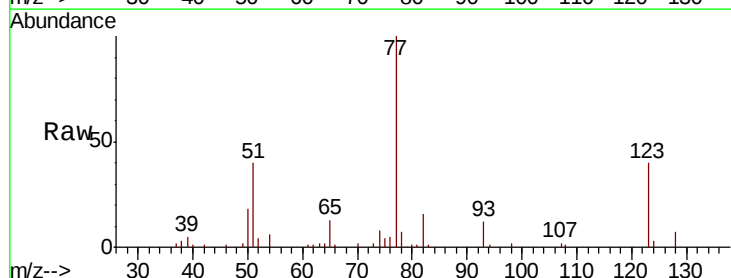
Manual Integrations
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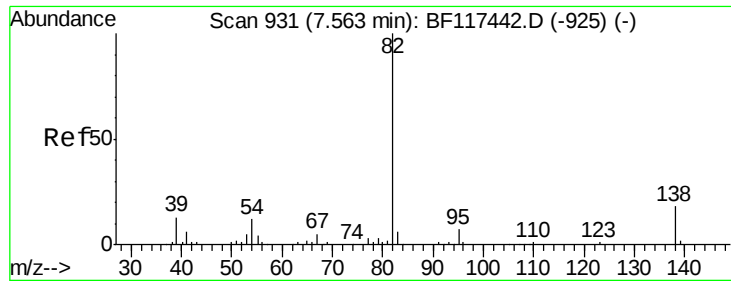
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#24
Nitrobenzene
Concen: 19.460 ng
RT: 7.32 min Scan# 889
Delta R.T. -0.01 min
Lab File: BF117441.D
Acq: 18 Oct 2019 15:40

Tgt Ion	Ratio	Lower	Upper
77	100		
123	40.2	34.2	51.2
65	13.1	10.3	15.5





#25

Isophorone

Concen: 20.091 ng

RT: 7.56 min Scan# 930

Delta R.T. -0.01 min

Lab File: BF117441.D

Acq: 18 Oct 2019 15:40

Instrument :

BNA_F

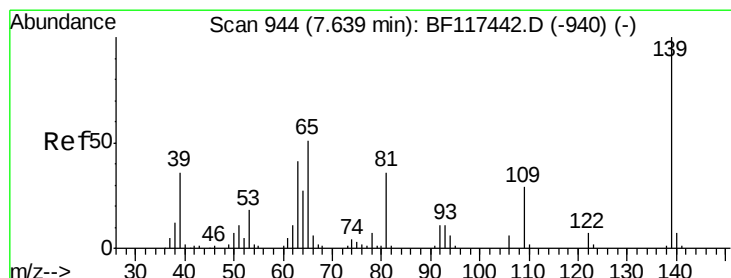
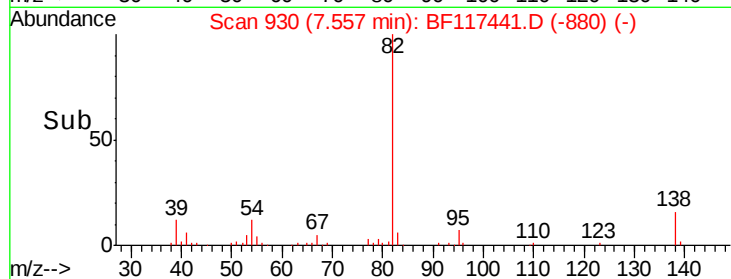
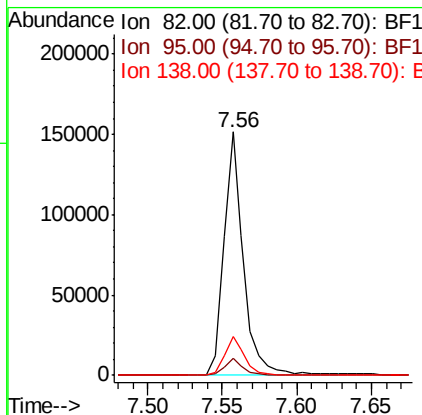
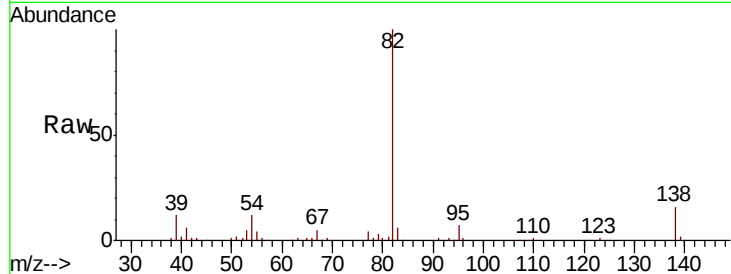
ClientSampleId :

SSTDIC020

Tot Ion:	82	Resp:	139253
Ion Ratio	Lower	Upper	
82	100		
95	7.0	5.4	8.0
138	16.1	14.2	21.2

Manual Integrations
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#26

2-Nitrophenol

Concen: 19.715 ng

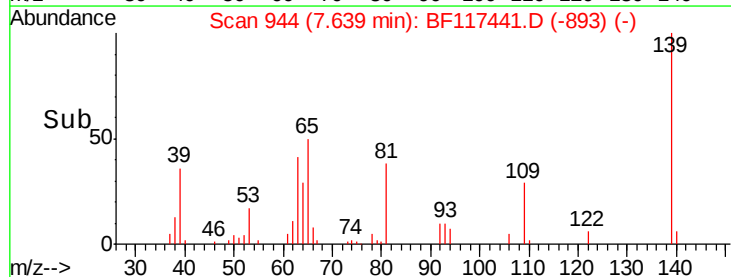
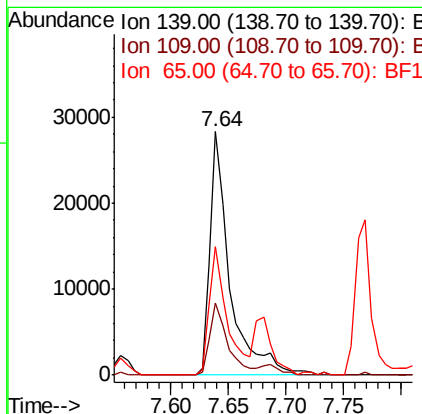
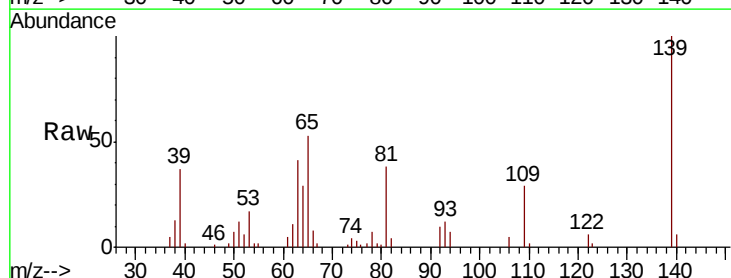
RT: 7.64 min Scan# 944

Delta R.T. -0.00 min

Lab File: BF117441.D

Acq: 18 Oct 2019 15:40

Tgt Ion:	139	Resp:	34094
Ion Ratio	Lower	Upper	
139	100		
109	29.4	23.2	34.8
65	52.6	41.1	61.7





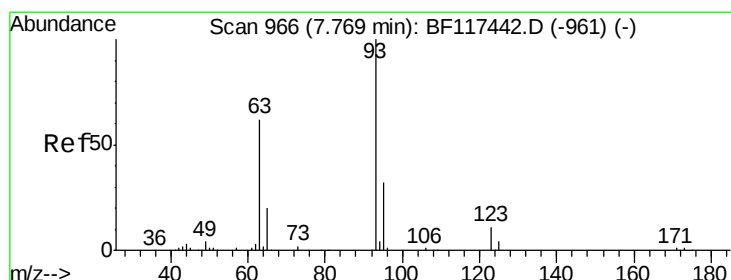
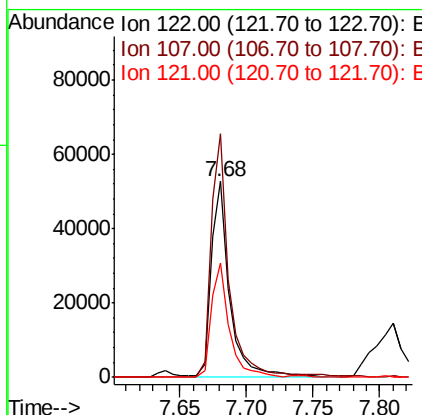
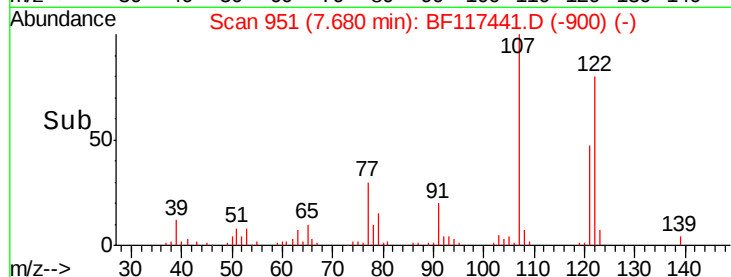
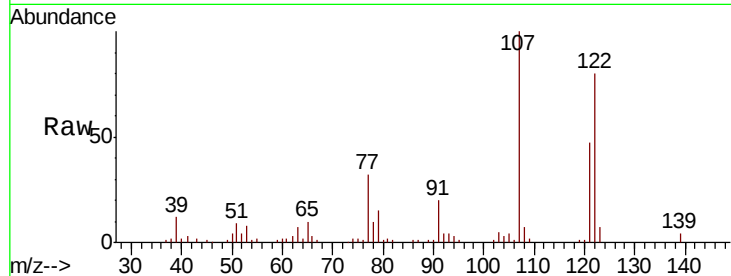
#27
2,4-Dimethylphenol
Concen: 19.539 ng
RT: 7.68 min Scan# 951
Delta R.T. -0.00 min
Lab File: BF117441.D
Acq: 18 Oct 2019 15:40

Instrument :
BNA_F
ClientSampleId :
SSTDIC020

Tot Ion	Ratio	Lower	Upper
122	100		
107	124.3	96.8	145.2
121	58.6	46.4	69.6

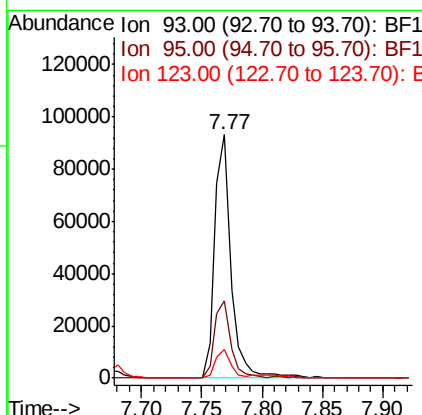
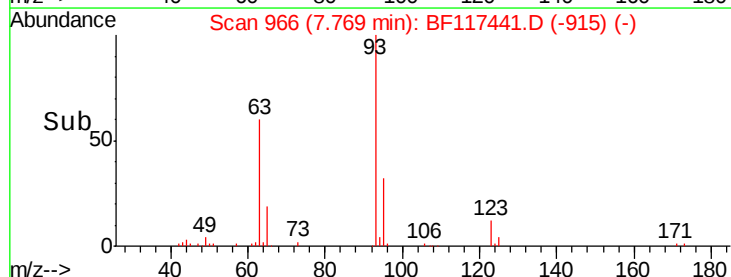
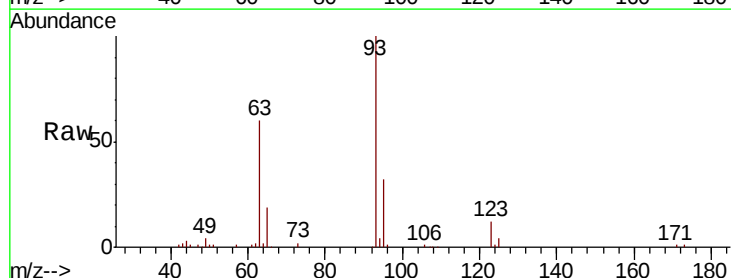
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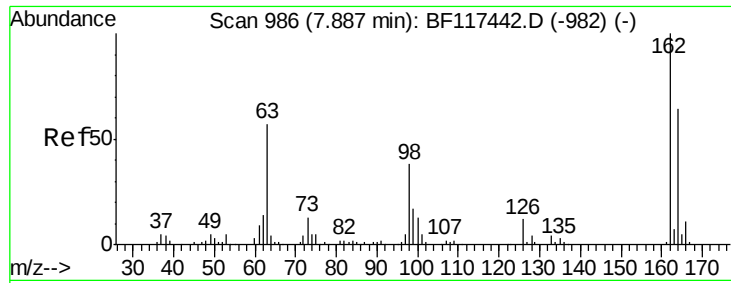
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#28
bis(2-Chloroethoxy)methane
Concen: 20.114 ng
RT: 7.77 min Scan# 966
Delta R.T. -0.00 min
Lab File: BF117441.D
Acq: 18 Oct 2019 15:40

Tgt Ion	Ratio	Lower	Upper
93	100		
95	31.7	25.5	38.3
123	11.5	9.0	13.6





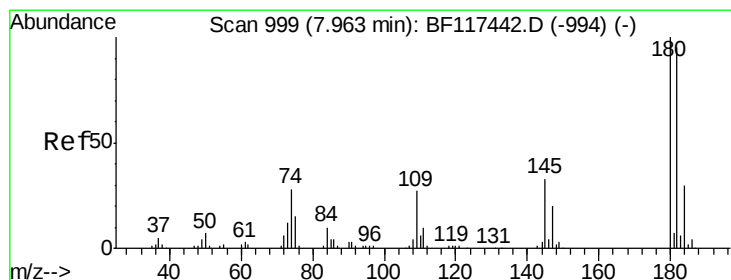
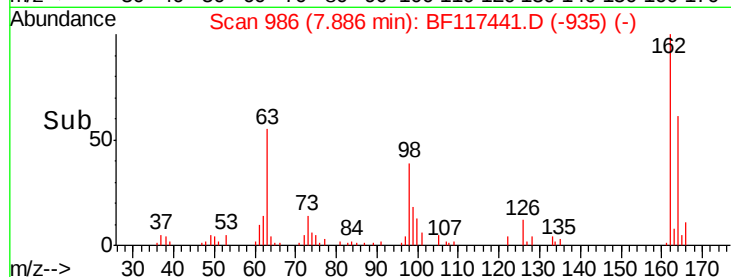
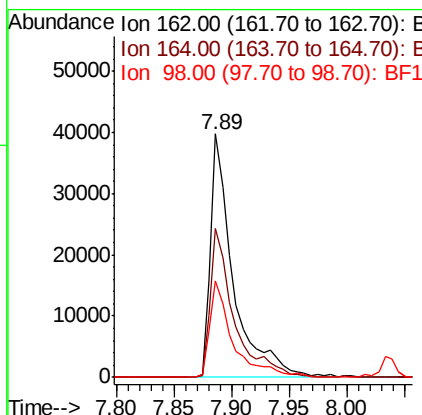
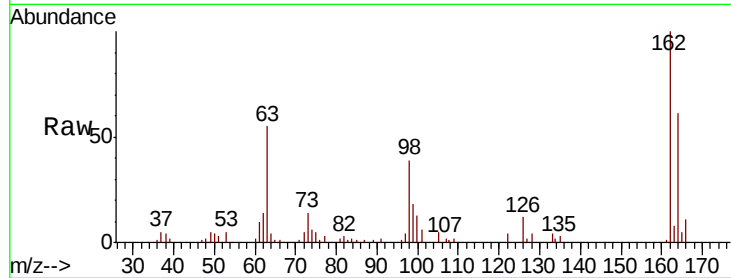
#29
2,4-Dichlorophenol
Concen: 20.155 ng
RT: 7.89 min Scan# 986
Delta R.T. -0.00 min
Lab File: BF117441.D
Acq: 18 Oct 2019 15:40

Instrument :
BNA_F
ClientSampleId :
SSTDIC020

Tot Ion:	162	Resp:	54658
Ion Ratio	Lower	Upper	
162	100		
164	61.2	44.4	84.4
98	39.5	18.2	58.2

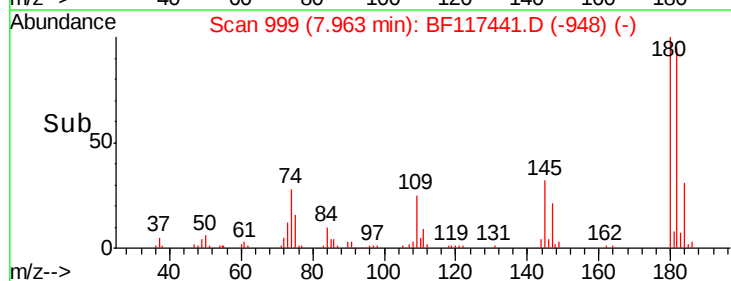
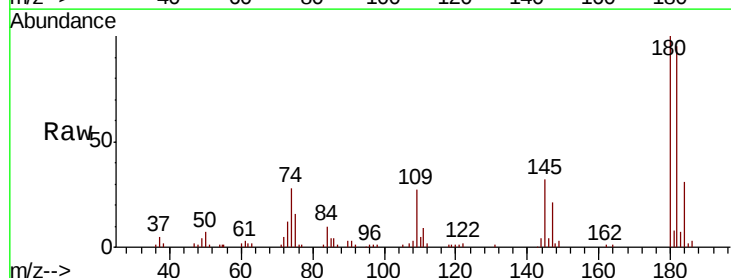
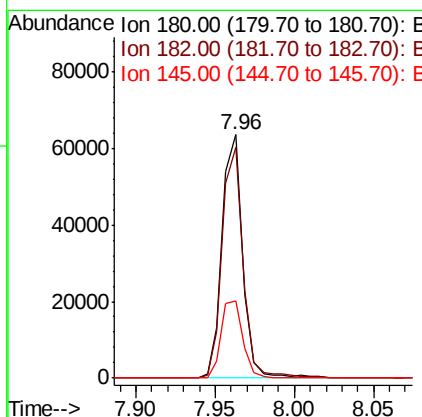
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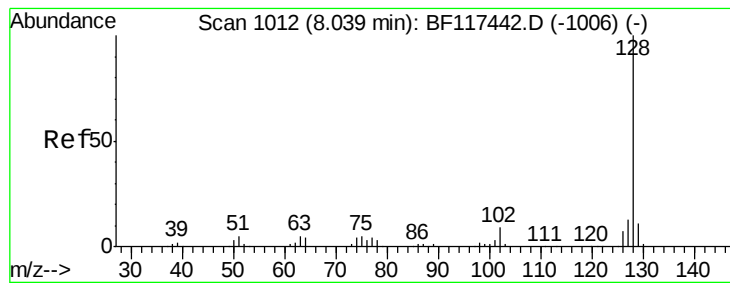
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#30
1,2,4-Trichlorobenzene
Concen: 19.674 ng
RT: 7.96 min Scan# 999
Delta R.T. -0.00 min
Lab File: BF117441.D
Acq: 18 Oct 2019 15:40

Tgt Ion:	180	Resp:	57515
Ion Ratio	Lower	Upper	
180	100		
182	94.9	75.8	113.8
145	31.8	26.5	39.7





#31

Naphthalene

Concen: 20.396 ng

RT: 8.04 min Scan# 1012

Delta R.T. -0.00 min

Lab File: BF117441.D

Acq: 18 Oct 2019 15:40

Instrument :

BNA_F

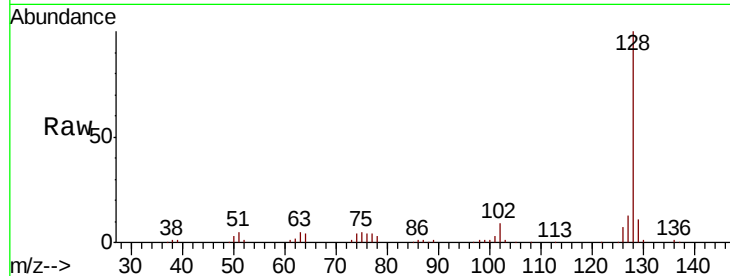
ClientSampleId :

SSTDICC020

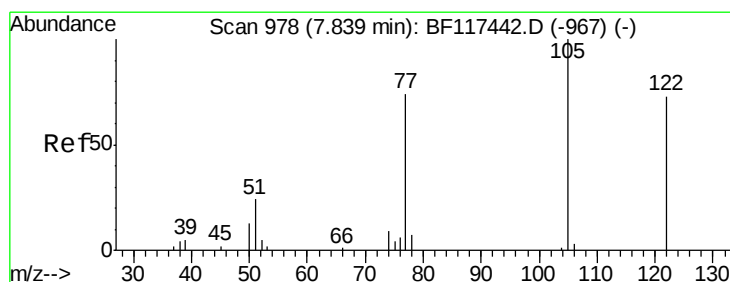
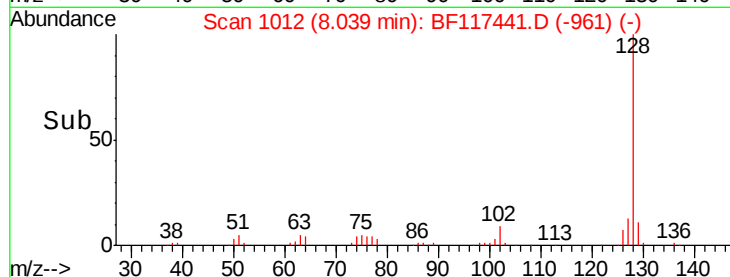
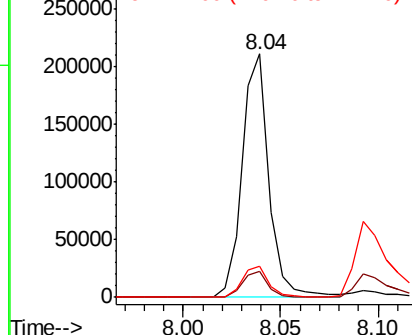
Tot Ion:	128	Resp:	200903
Ion Ratio	Lower	Upper	
128	100		
129	10.7	9.0	13.4
127	12.6	10.2	15.2

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Abundance Ion 128.00 (127.70 to 128.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 127.00 (126.70 to 127.70): E



#32

Benzoic acid

Concen: 19.533 ng

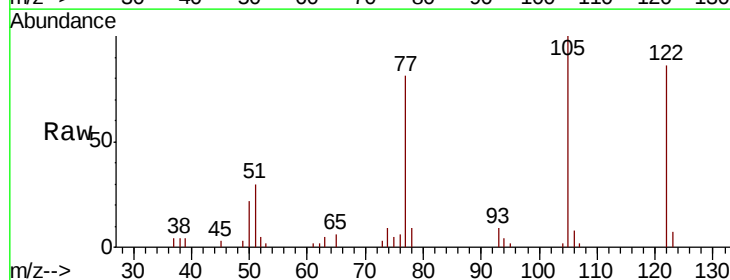
RT: 7.81 min Scan# 973

Delta R.T. -0.03 min

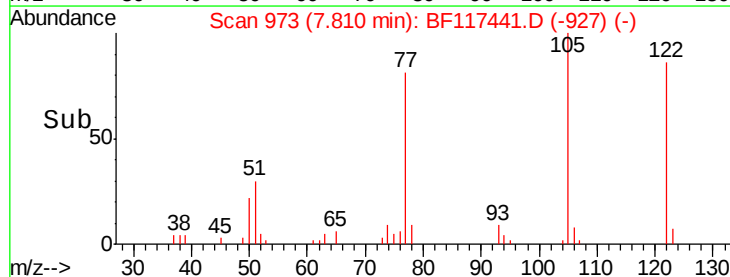
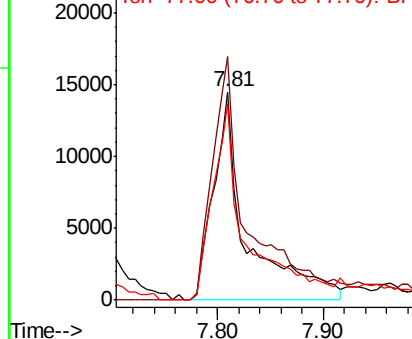
Lab File: BF117441.D

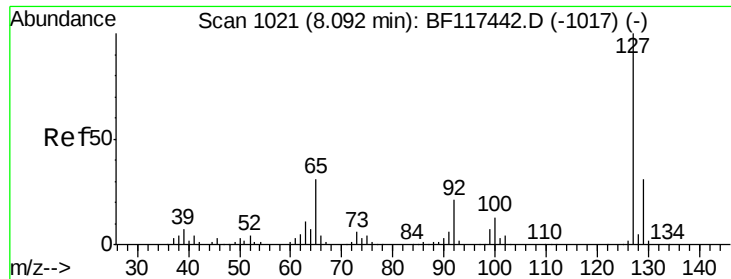
Acq: 18 Oct 2019 15:40

Tgt Ion:	122	Resp:	31968
Ion Ratio	Lower	Upper	
122	100		
105	116.9	115.0	155.0
77	94.4	79.7	119.7



Abundance Ion 122.00 (121.70 to 122.70): E
Ion 105.00 (104.70 to 105.70): E
Ion 77.00 (76.70 to 77.70): BF1





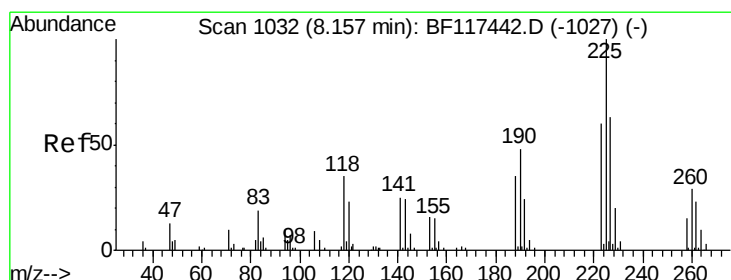
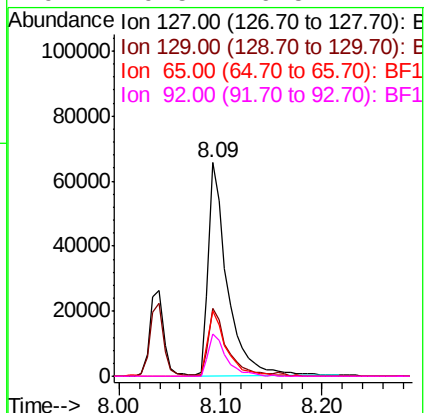
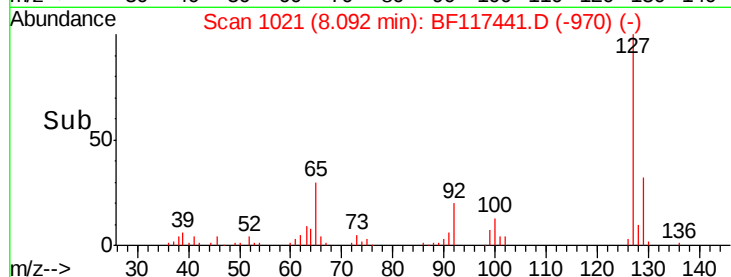
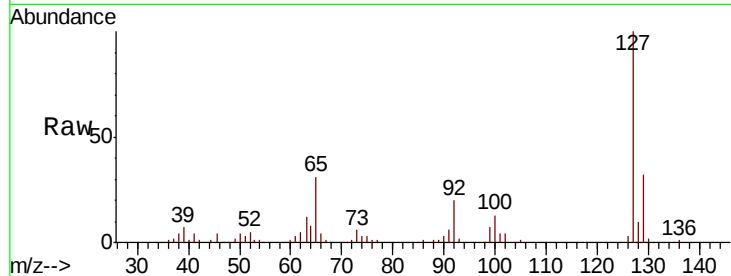
#33
4-Chloroaniline
Concen: 20.247 ng
RT: 8.09 min Scan# 1021
Delta R.T. -0.00 min
Lab File: BF117441.D
Acq: 18 Oct 2019 15:40

Instrument :
BNA_F
ClientSampleId :
SSTDIC020

Tot Ion	Ion	Ratio	Resp	Lower	Upper
127	100				
129	31.6	24.8	37.2		
65	30.8	24.6	37.0		
92	19.5	16.5	24.7		

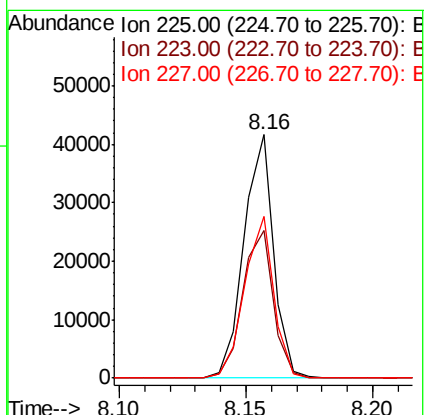
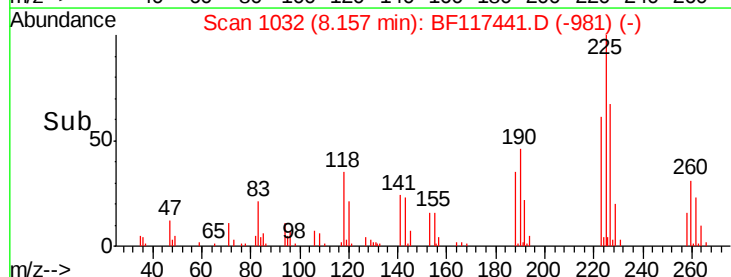
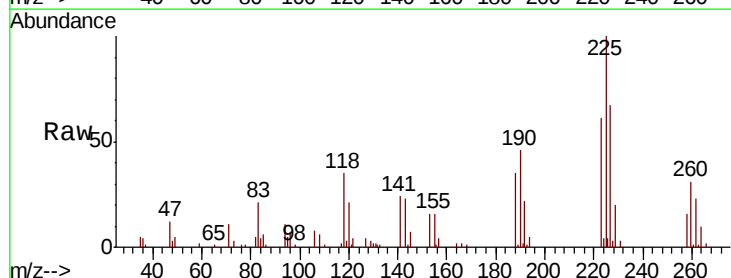
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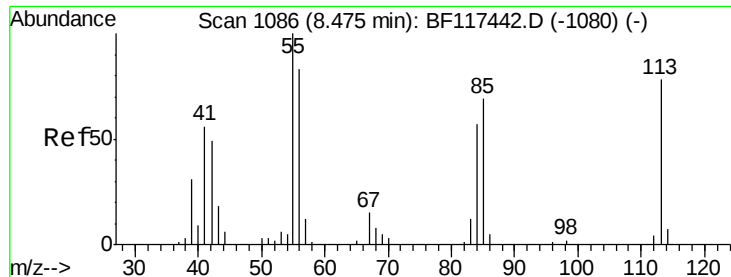
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#34
Hexachlorobutadiene
Concen: 20.136 ng
RT: 8.16 min Scan# 1032
Delta R.T. -0.00 min
Lab File: BF117441.D
Acq: 18 Oct 2019 15:40

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
225	100				
223	60.7	48.2	72.4		
227	66.7	50.2	75.4		





#35

Caprolactam

Concen: 20.967 ng

RT: 8.45 min Scan# 1082

Delta R.T. -0.02 min

Lab File: BF117441.D

Acq: 18 Oct 2019 15:40

Instrument :

BNA_F

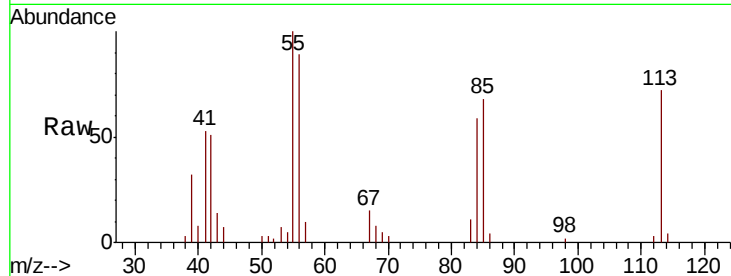
ClientSampleID :

SSTDICC020

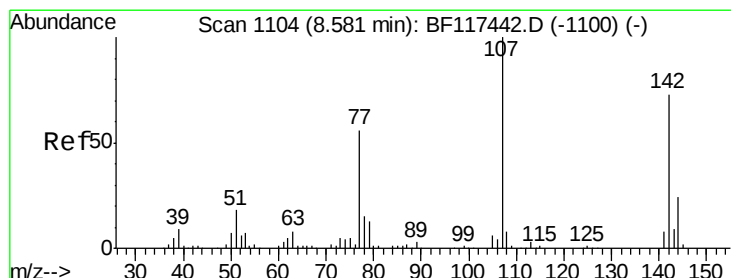
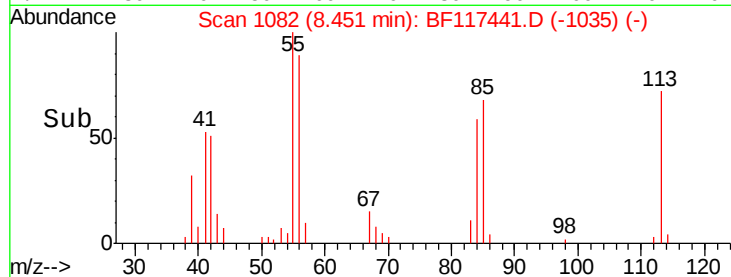
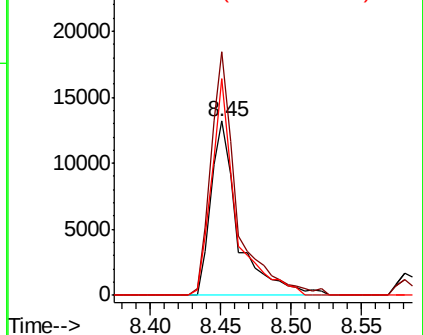
Tot Ion:	113	Resp:	17806
Ion	Ratio	Lower	Upper
113	100		
55	139.6	108.8	148.8
56	124.6	87.2	127.2

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Abundance Ion 113.00 (112.70 to 113.70): E
Ion 55.00 (54.70 to 55.70): BF1
Ion 56.00 (55.70 to 56.70): BF1



#36

4-Chloro-3-methylphenol

Concen: 19.670 ng

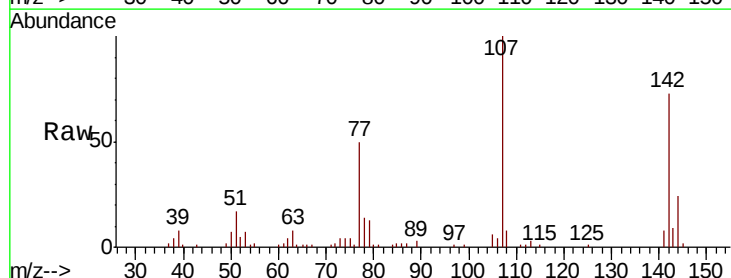
RT: 8.58 min Scan# 1104

Delta R.T. -0.00 min

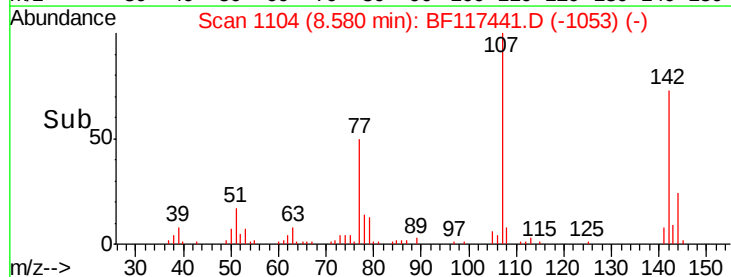
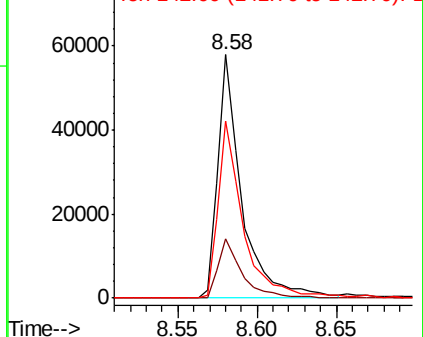
Lab File: BF117441.D

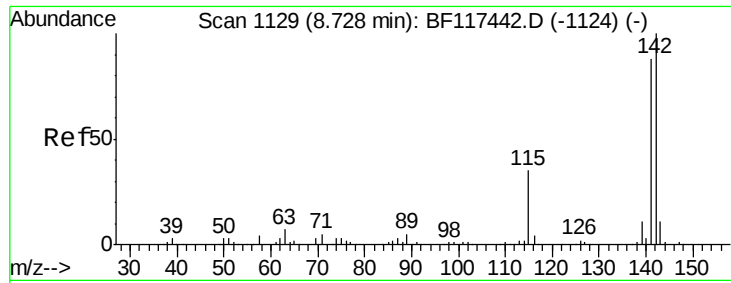
Acq: 18 Oct 2019 15:40

Tgt Ion:	107	Resp:	60698
Ion	Ratio	Lower	Upper
107	100		
144	24.3	18.9	28.3
142	72.6	58.6	88.0



Abundance Ion 107.00 (106.70 to 107.70): E
Ion 144.00 (143.70 to 144.70): E
Ion 142.00 (141.70 to 142.70): E





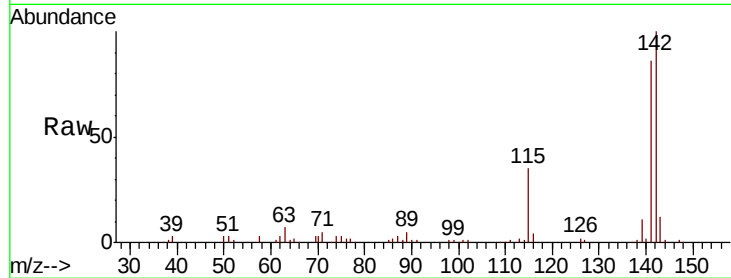
#37
2-Methylnaphthalene
Concen: 20.308 ng
RT: 8.73 min Scan# 1129
Delta R.T. -0.00 min
Lab File: BF117441.D
Acq: 18 Oct 2019 15:40

Instrument :
BNA_F
ClientSampleId :
SSTDIC020

Tot Ion	Ratio	Lower	Upper
142	100		
141	86.3	70.3	105.5
115	35.1	28.2	42.2

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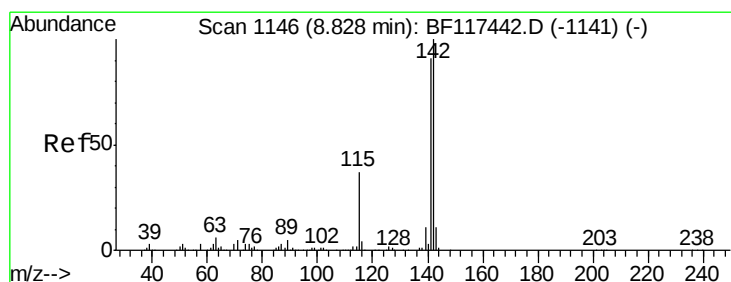
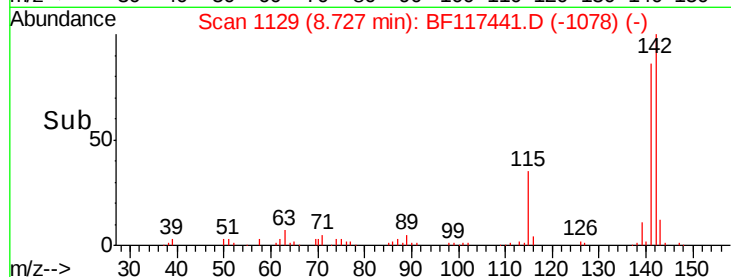
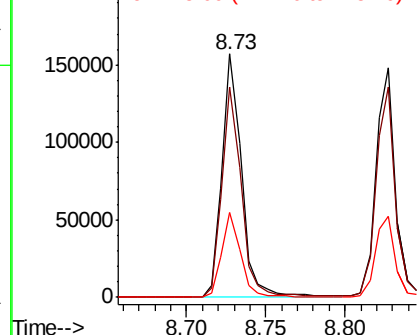


Abundance

Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E

Ion 115.00 (114.70 to 115.70): E



#38
1-Methylnaphthalene
Concen: 20.314 ng
RT: 8.83 min Scan# 1146
Delta R.T. -0.00 min
Lab File: BF117441.D
Acq: 18 Oct 2019 15:40

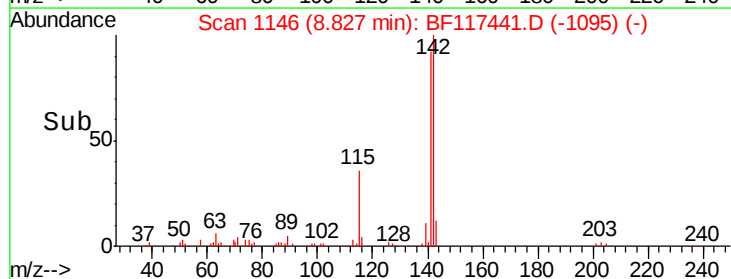
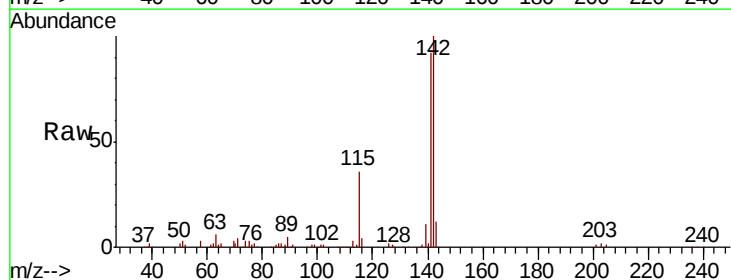
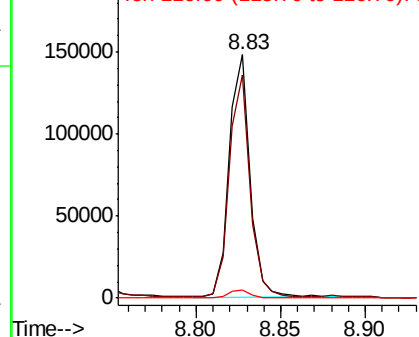
Tgt Ion	Ratio	Lower	Upper
142	100		
141	91.7	73.3	109.9
116	3.6	3.1	4.7

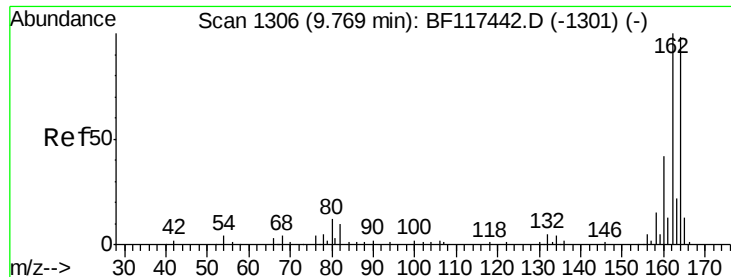
Abundance

Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E

Ion 116.00 (115.70 to 116.70): E





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.77 min Scan# 1306

Delta R.T. -0.00 min

Lab File: BF117441.D

Acq: 18 Oct 2019 15:40

Instrument :

BNA_F

ClientSampleId :

SSTDICC020

Tot Ion:164 Resp: 102649

Ion Ratio Lower Upper

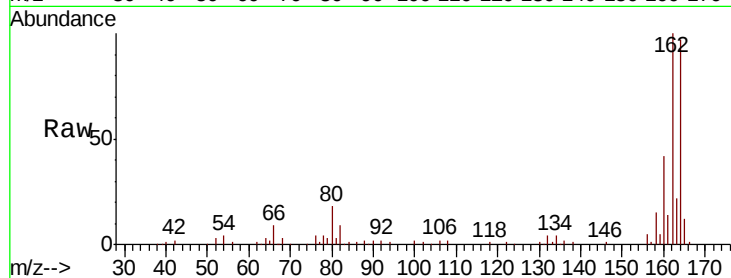
164 100

162 102.8 81.8 122.6

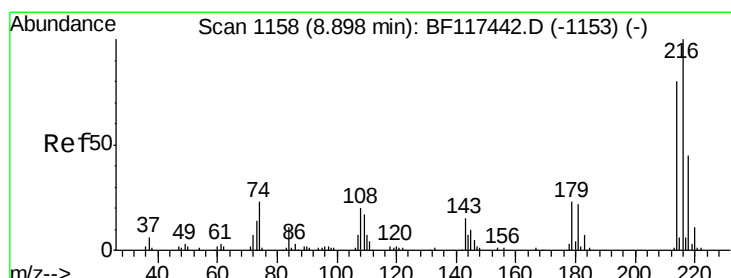
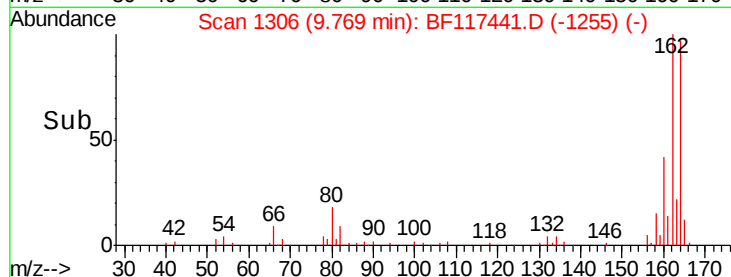
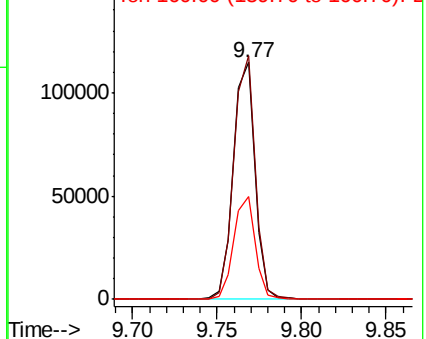
160 43.3 34.4 51.6

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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: 20.512 ng

RT: 8.90 min Scan# 1158

Delta R.T. -0.00 min

Lab File: BF117441.D

Acq: 18 Oct 2019 15:40

Tgt Ion:216 Resp: 56668

Ion Ratio Lower Upper

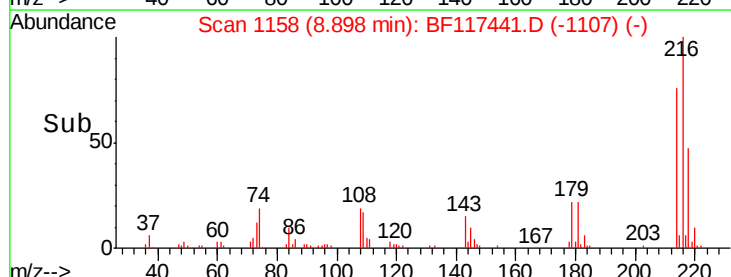
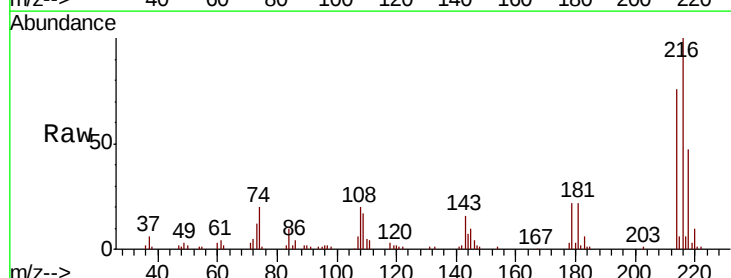
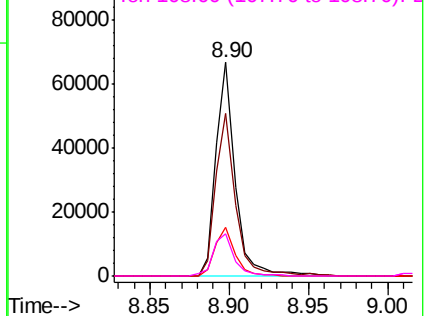
216 100

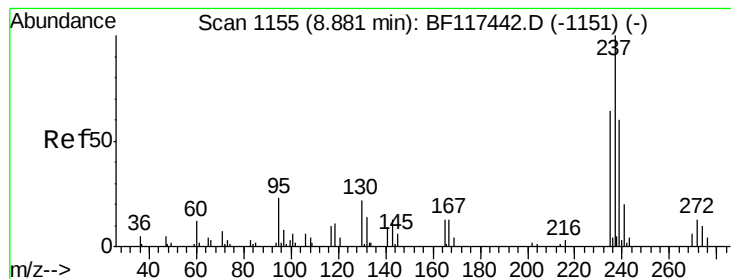
214 78.9 62.4 93.6

179 23.2 18.1 27.1

108 21.4 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: 9.138 ng

RT: 8.88 min Scan# 1155

Delta R.T. -0.00 min

Lab File: BF117441.D

Acq: 18 Oct 2019 15:40

Instrument :

BNA_F

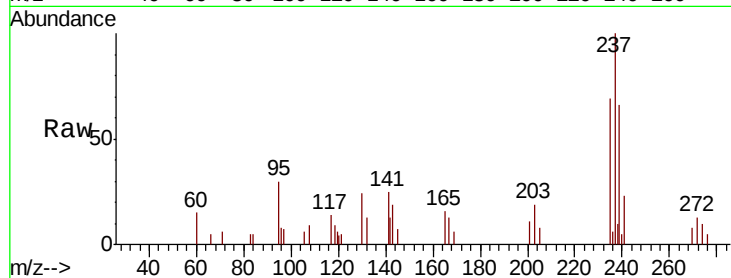
ClientSampleId :

SSTDIC020

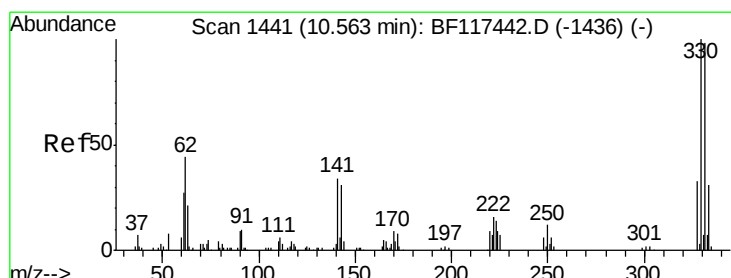
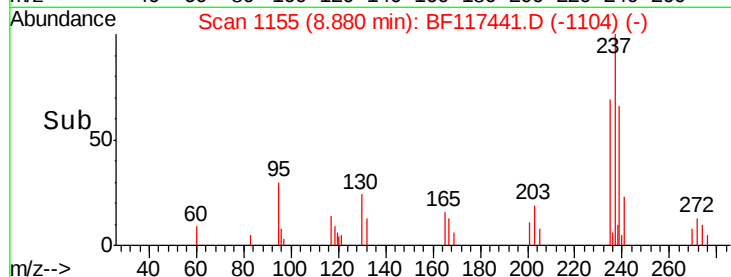
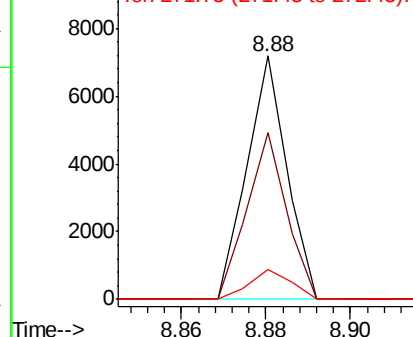
Tot Ion:	237	Resp:	4714
Ion Ratio	Lower	Upper	
237	100		
235	68.7	44.3	84.3
272	12.5	0.0	33.2

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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: 44.094 ng

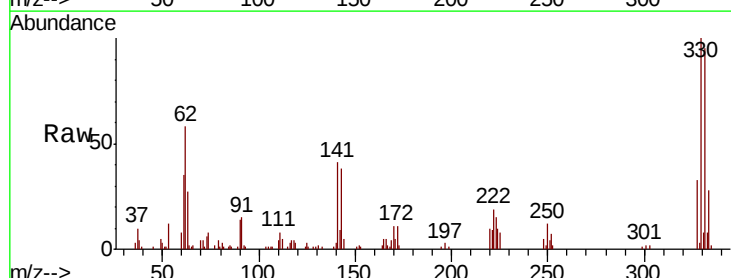
RT: 10.56 min Scan# 1440

Delta R.T. -0.01 min

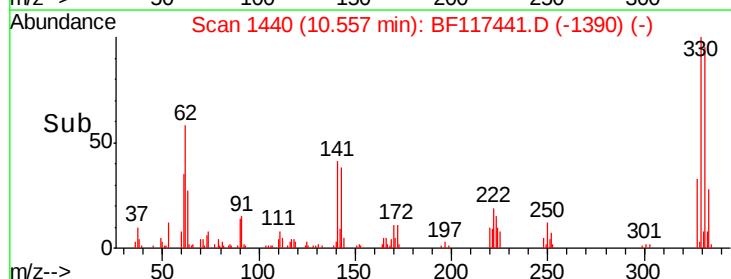
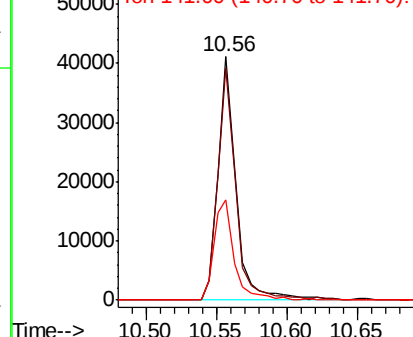
Lab File: BF117441.D

Acq: 18 Oct 2019 15:40

Tgt Ion:	330	Resp:	36837
Ion Ratio	Lower	Upper	
330	100		
332	94.3	78.5	117.7
141	45.1	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





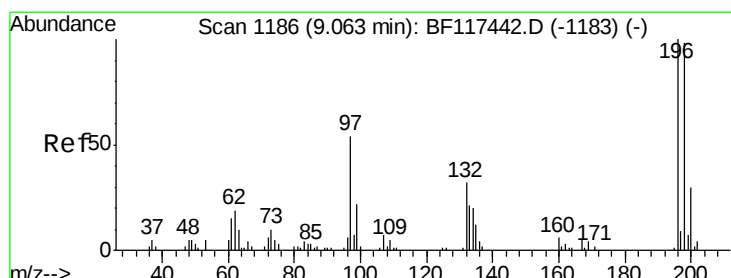
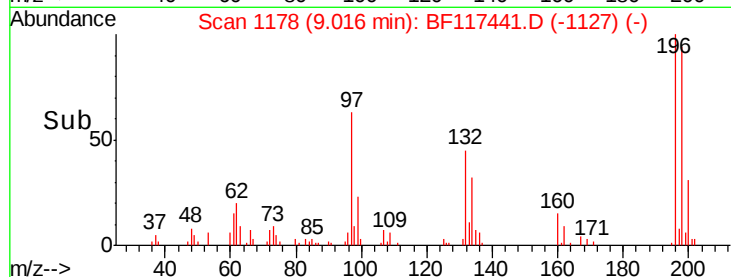
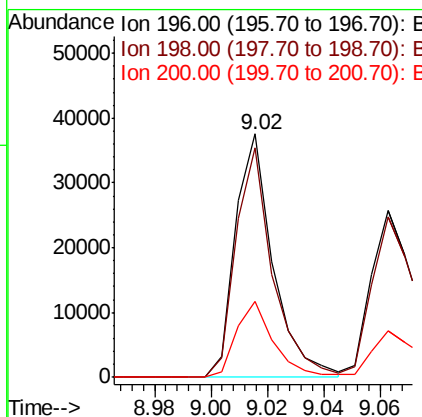
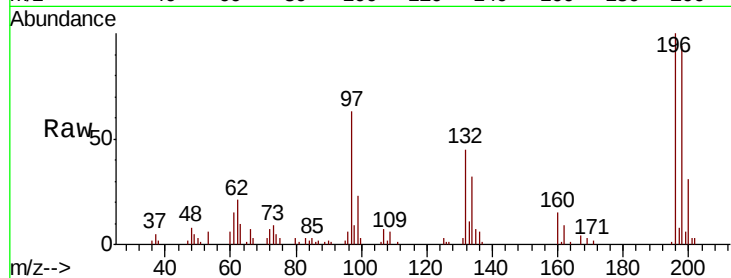
#43
 2,4,6-Trichlorophenol
 Concen: 19.917 ng
 RT: 9.02 min Scan# 1178
 Delta R.T. -0.00 min
 Lab File: BF117441.D
 Acq: 18 Oct 2019 15:40

Instrument :
 BNA_F
 ClientSampleID :
 SSTDICC020

Tot Ion:	196	Resp:	34821
Ion Ratio	Lower	Upper	
196	100		
198	94.5	74.1	111.1
200	31.4	23.9	35.9

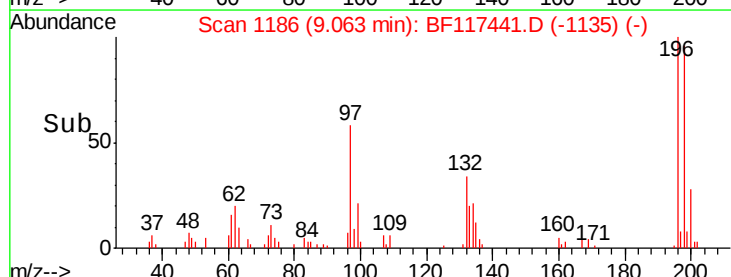
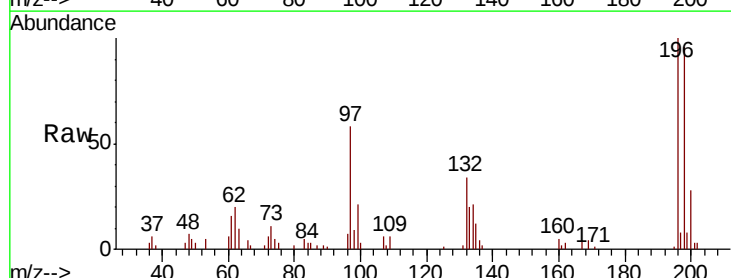
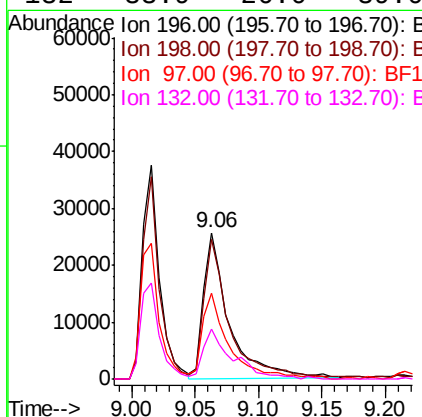
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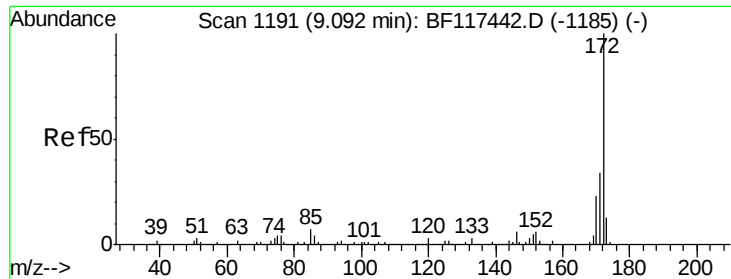
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#44
 2,4,5-Trichlorophenol
 Concen: 20.084 ng
 RT: 9.06 min Scan# 1186
 Delta R.T. -0.00 min
 Lab File: BF117441.D
 Acq: 18 Oct 2019 15:40

Tgt Ion:	196	Resp:	35816
Ion Ratio	Lower	Upper	
196	100		
198	95.7	78.6	117.8
97	58.4	43.4	65.2
132	33.9	26.0	39.0





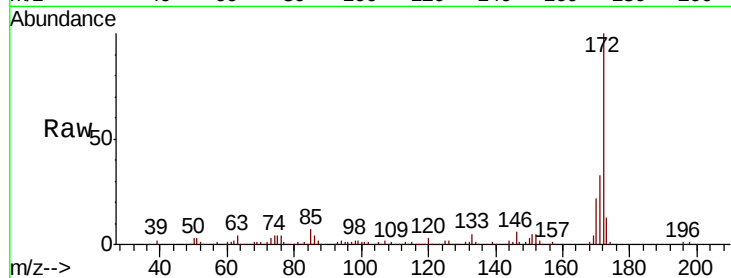
#45
2-Fluorobiphenyl
Concen: 43.478 ng
RT: 9.09 min Scan# 1190
Delta R.T. -0.01 min
Lab File: BF117441.D
Acq: 18 Oct 2019 15:40

Instrument :
BNA_F
ClientSampleId :
SSTDIC020

Tot Ion	Ratio	Lower	Upper
172	100		
171	33.1	27.5	41.3
170	21.8	18.6	27.8

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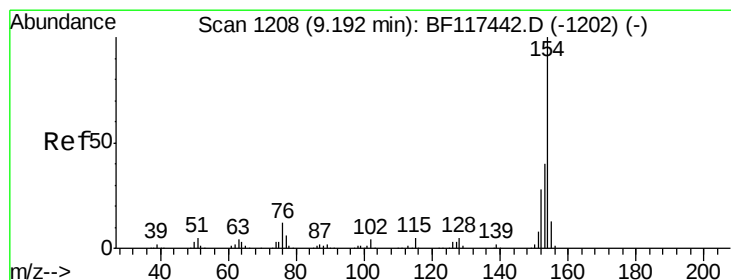
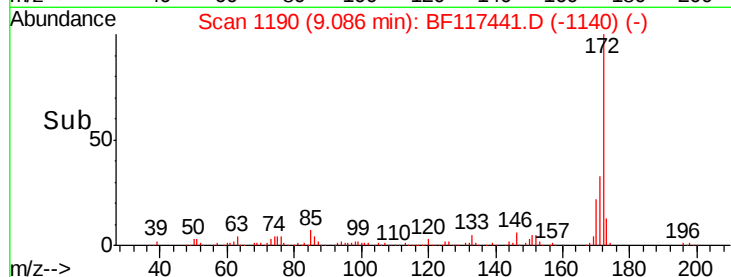
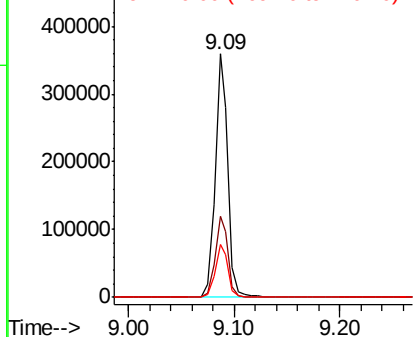


Abundance

Ion 172.00 (171.70 to 172.70): E

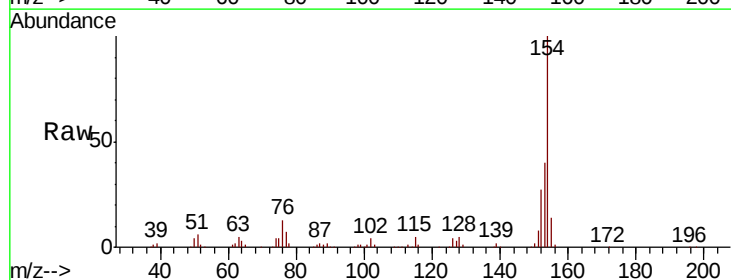
Ion 171.00 (170.70 to 171.70): E

Ion 170.00 (169.70 to 170.70): E



#46
1,1'-Biphenyl
Concen: 20.897 ng
RT: 9.19 min Scan# 1207
Delta R.T. -0.01 min
Lab File: BF117441.D
Acq: 18 Oct 2019 15:40

Tgt Ion	Ratio	Lower	Upper
154	100		
153	40.0	20.2	60.2
76	13.3	0.0	32.1

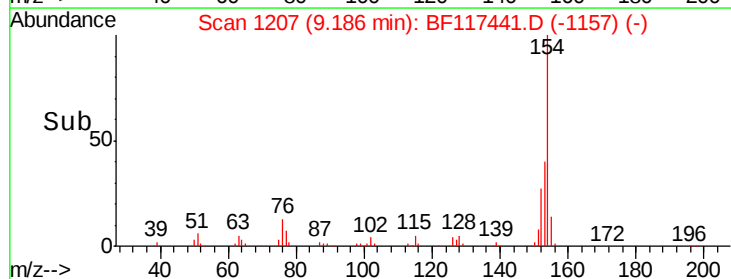
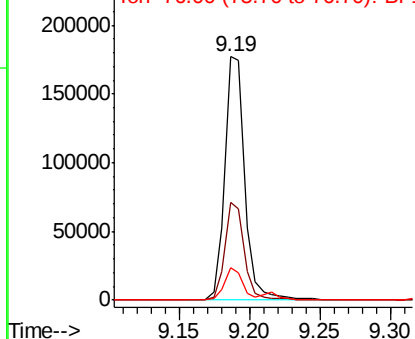


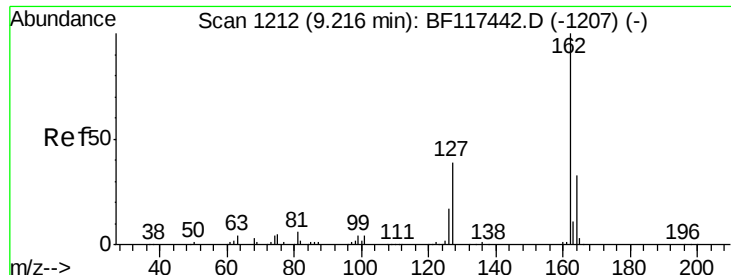
Abundance

Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 76.00 (75.70 to 76.70): BF1





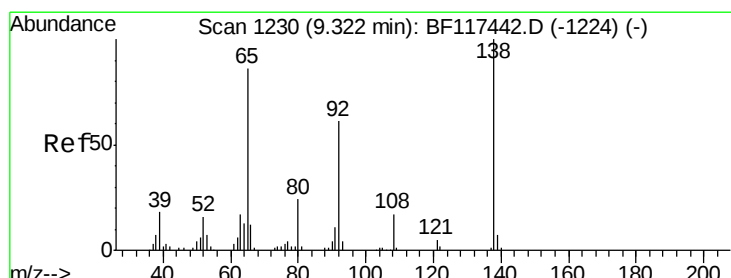
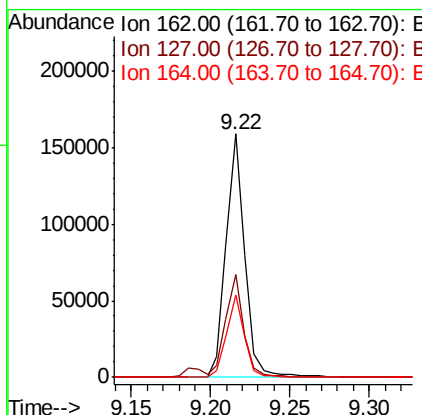
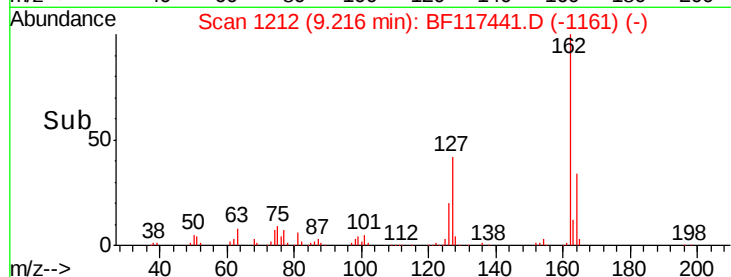
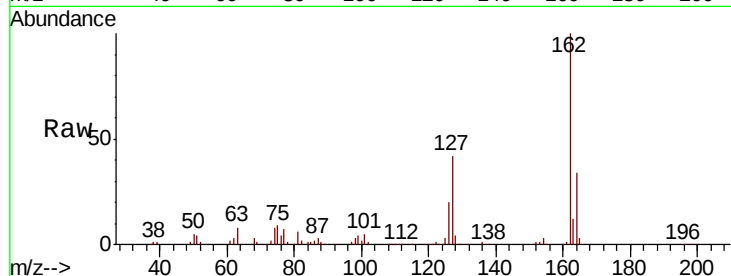
#47
 2-Chloronaphthalene
 Concen: 19.842 ng
 RT: 9.22 min Scan# 1212
 Delta R.T. -0.00 min
 Lab File: BF117441.D
 Acq: 18 Oct 2019 15:40

Instrument :
 BNA_F
 ClientSampleId :
 SSTDICC020

Tot Ion:	162	Resp:	129709
Ion Ratio	Lower	Upper	
162	100		
127	42.0	34.2	51.4
164	34.0	26.4	39.6

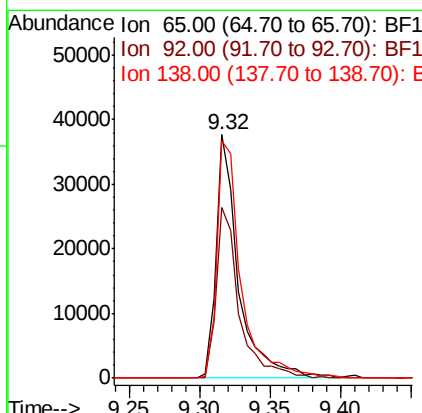
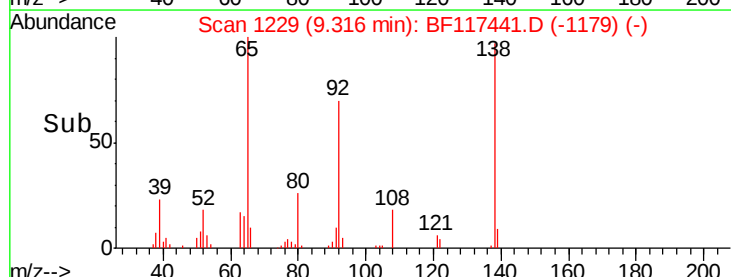
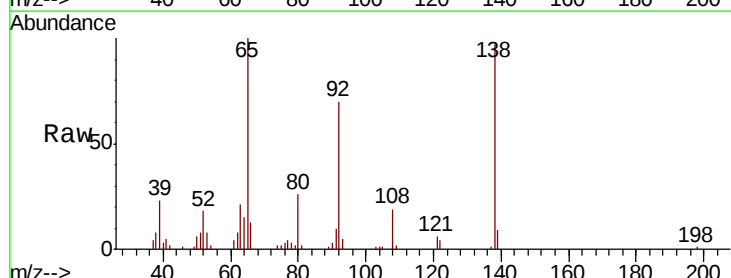
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#48
 2-Nitroaniline
 Concen: 19.924 ng
 RT: 9.32 min Scan# 1229
 Delta R.T. -0.01 min
 Lab File: BF117441.D
 Acq: 18 Oct 2019 15:40

Tgt Ion:	65	Resp:	41557
Ion Ratio	Lower	Upper	
65	100		
92	70.1	57.3	85.9
138	97.3	93.3	139.9





#49

Acenaphthylene

Concen: 20.040 ng

RT: 9.63 min Scan# 1282

Delta R.T. -0.00 min

Lab File: BF117441.D

Acq: 18 Oct 2019 15:40

Instrument :

BNA_F

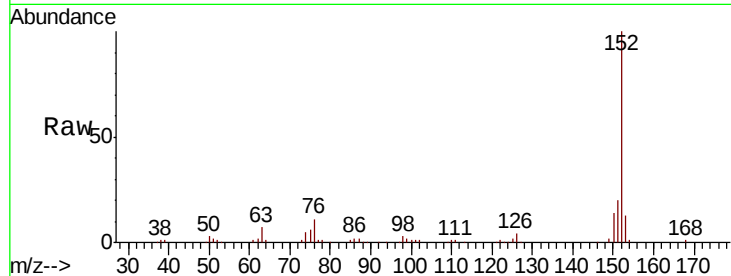
ClientSampleId :

SSTDICC020

Tot Ion	Ion	Ratio	Resp	Lower	Upper
152	100		192051		
151	19.9	15.4	23.0		
153	12.9	10.3	15.5		

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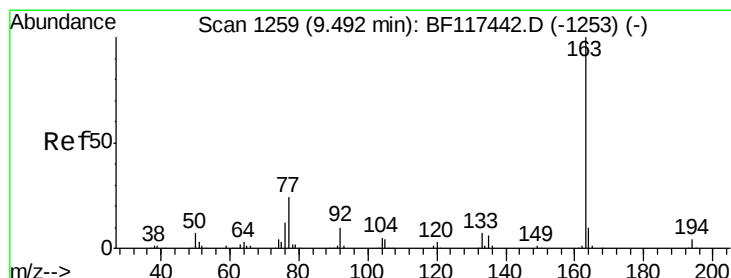
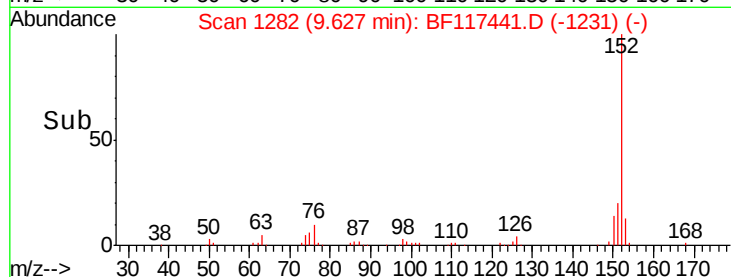
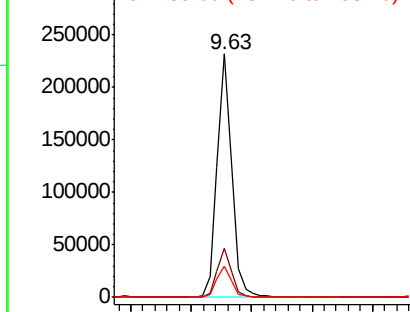


Abundance

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: 20.308 ng

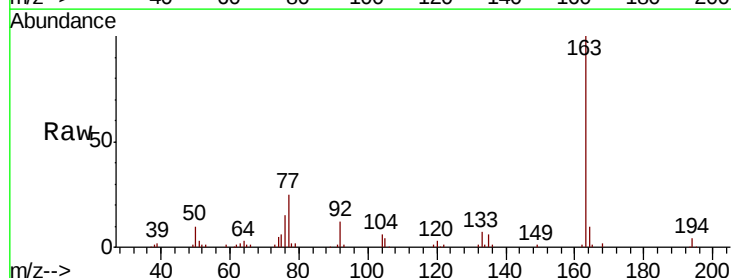
RT: 9.49 min Scan# 1258

Delta R.T. -0.01 min

Lab File: BF117441.D

Acq: 18 Oct 2019 15:40

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
163	100		149712		
194	3.7	2.9	4.3		
164	9.8	8.2	12.2		

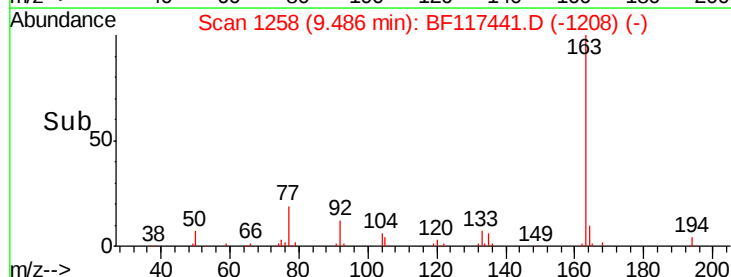
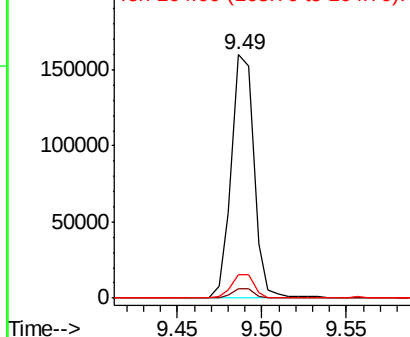


Abundance

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





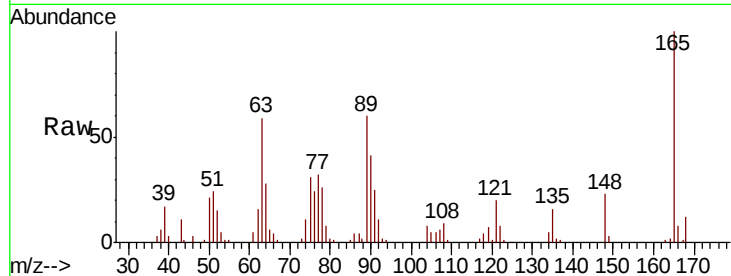
#51
2,6-Dinitrotoluene
Concen: 19.732 ng
RT: 9.56 min Scan# 1270
Delta R.T. -0.01 min
Lab File: BF117441.D
Acq: 18 Oct 2019 15:40

Instrument :
BNA_F
ClientSampleId :
SSTDIC020

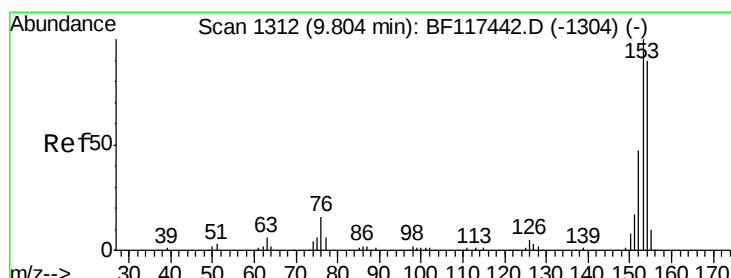
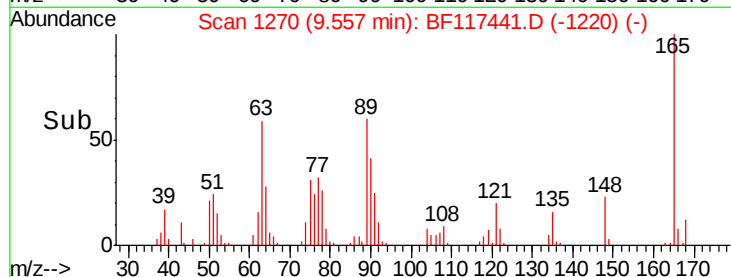
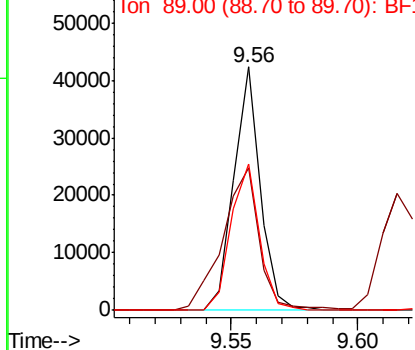
Tot Ion	Ratio	Resp	Lower	Upper
165	100	30575		
63	58.6		43.8	65.8
89	60.3		47.6	71.4

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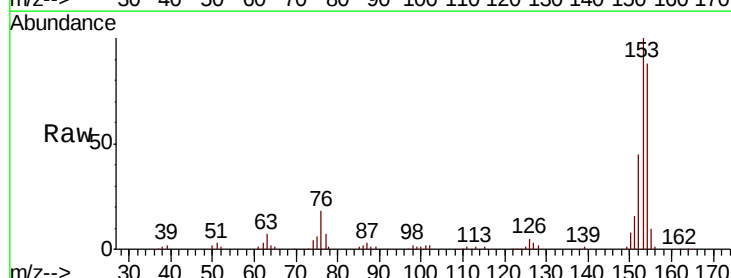


Abundance Ion 165.00 (164.70 to 165.70): E
Ion 63.00 (62.70 to 63.70): BF1
Ion 89.00 (88.70 to 89.70): BF1

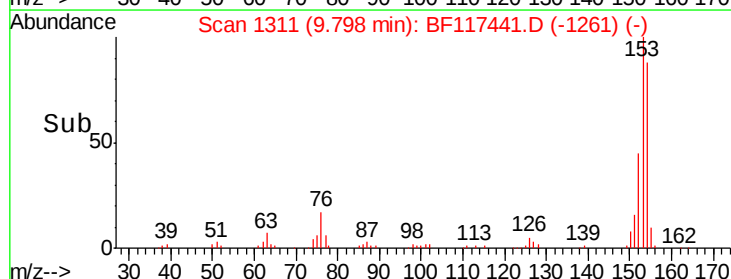
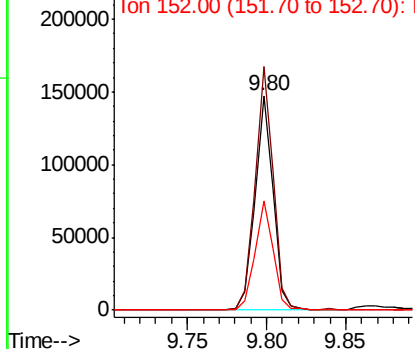


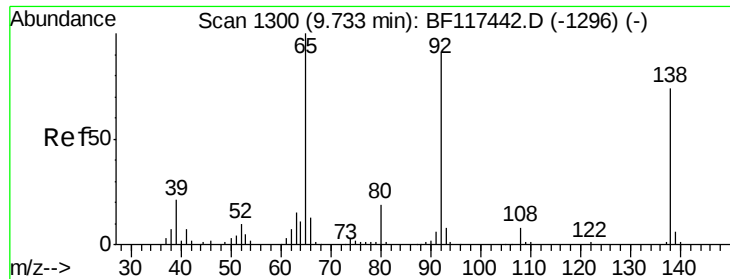
#52
Acenaphthene
Concen: 20.149 ng
RT: 9.80 min Scan# 1311
Delta R.T. -0.01 min
Lab File: BF117441.D
Acq: 18 Oct 2019 15:40

Tgt Ion	Ratio	Resp	Lower	Upper
154	100	117333		
153	113.4		89.2	133.8
152	51.1		41.8	62.6



Abundance Ion 154.00 (153.70 to 154.70): E
Ion 153.00 (152.70 to 153.70): E
Ion 152.00 (151.70 to 152.70): E





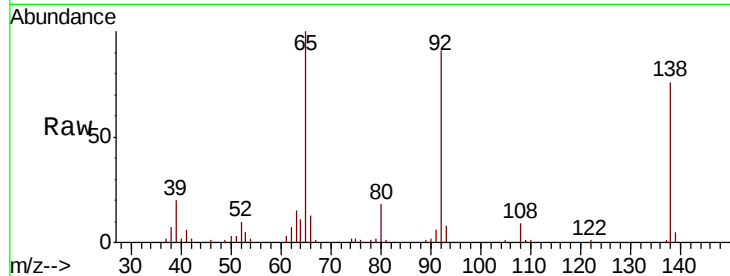
#53
3-Nitroaniline
Concen: 20.279 ng
RT: 9.73 min Scan# 1299
Delta R.T. -0.01 min
Lab File: BF117441.D
Acq: 18 Oct 2019 15:40

Instrument :
BNA_F
ClientSampleId :
SSTDICC020

Tot Ion	Ratio	Lower	Upper
138	100		
108	11.5	8.7	13.1
92	119.0	98.4	147.6

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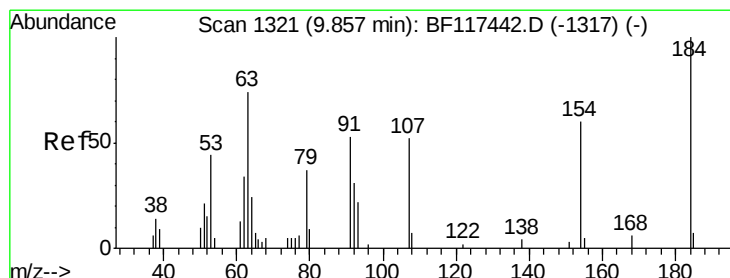
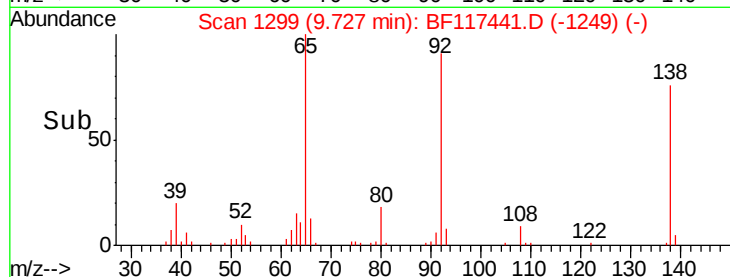
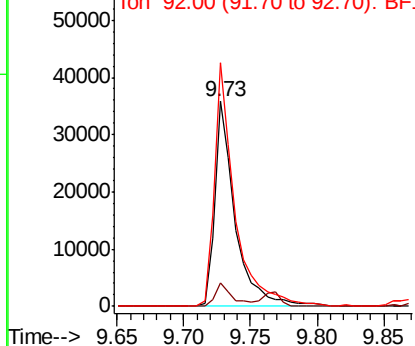


Abundance

Ion 138.00 (137.70 to 138.70): E

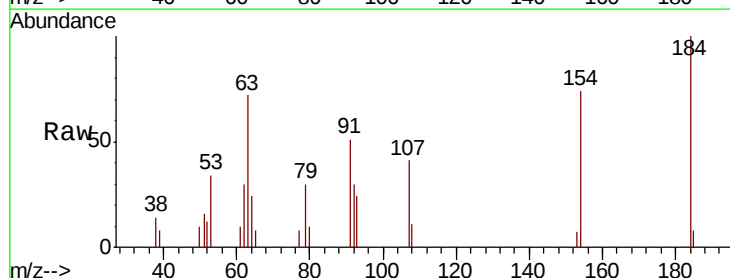
Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BF1



#54
2,4-Dinitrophenol
Concen: 16.509 ng
RT: 9.87 min Scan# 1323
Delta R.T. 0.01 min
Lab File: BF117441.D
Acq: 18 Oct 2019 15:40

Tgt Ion	Ratio	Lower	Upper
184	100		
63	72.2	59.2	88.8
154	74.3	53.4	80.0

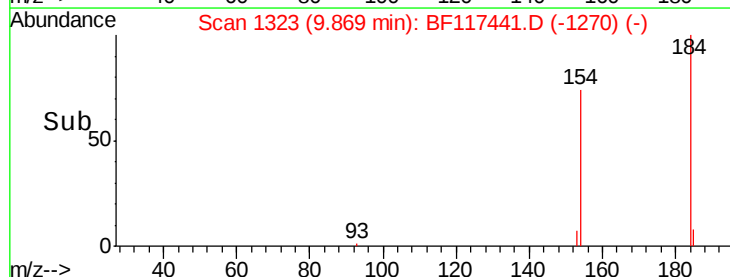
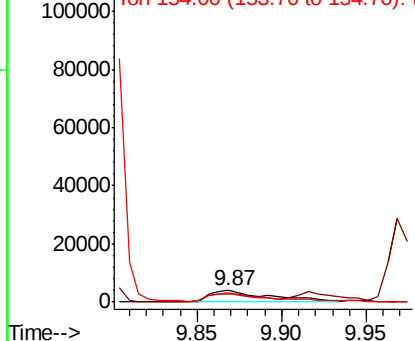


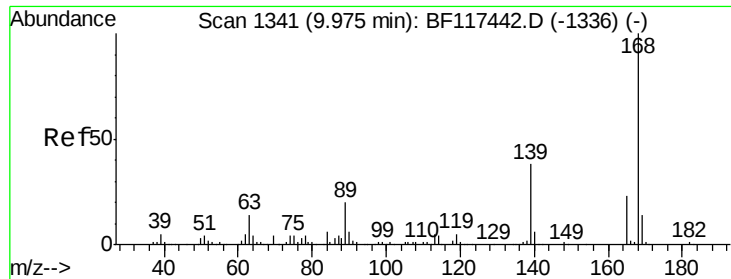
Abundance

Ion 184.00 (183.70 to 184.70): E

Ion 63.00 (62.70 to 63.70): BF1

Ion 154.00 (153.70 to 154.70): E





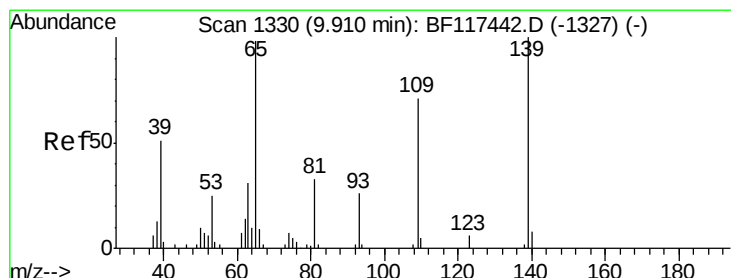
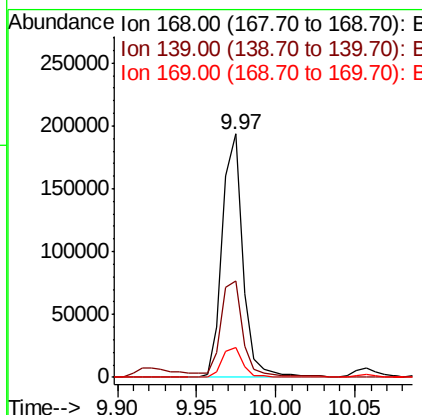
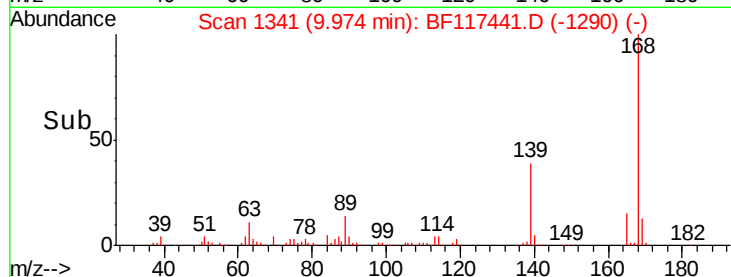
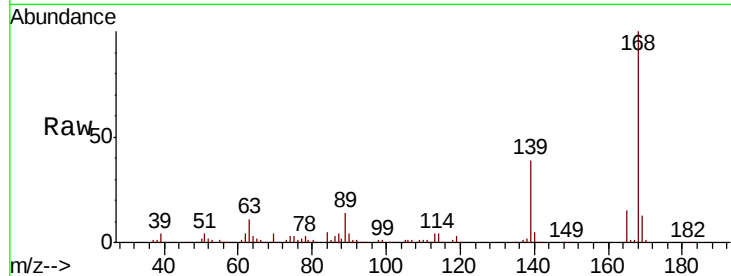
#55
Dibenzofuran
Concen: 20.661 ng
RT: 9.97 min Scan# 1341
Delta R.T. -0.00 min
Lab File: BF117441.D
Acq: 18 Oct 2019 15:40

Instrument :
BNA_F
ClientSampled :
SSTDIC020

Tot Ion	Ratio	Lower	Upper
168	100		
139	39.5	31.8	47.6
169	12.5	11.2	16.8

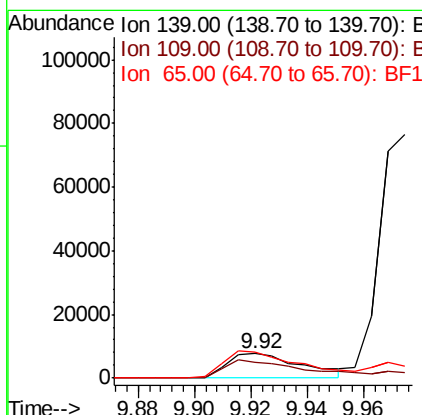
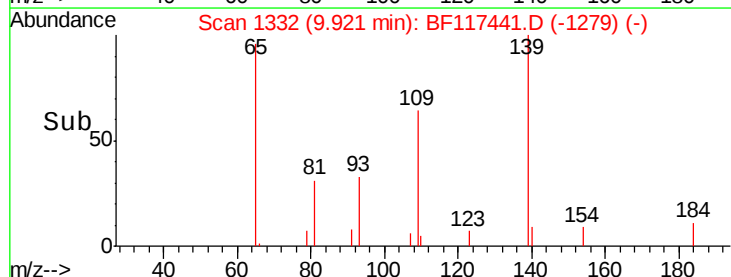
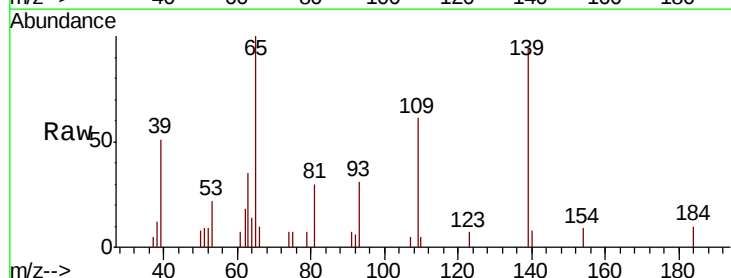
Manual Integrations
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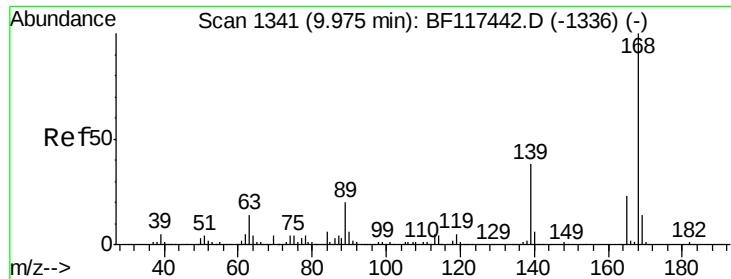
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#56
4-Nitrophenol
Concen: 18.790 ng
RT: 9.92 min Scan# 1332
Delta R.T. 0.01 min
Lab File: BF117441.D
Acq: 18 Oct 2019 15:40

Tgt Ion	Ratio	Lower	Upper
139	100		
109	64.4	51.4	91.4
65	106.1	79.4	119.4





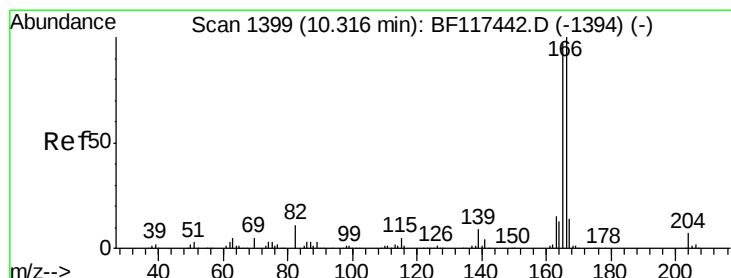
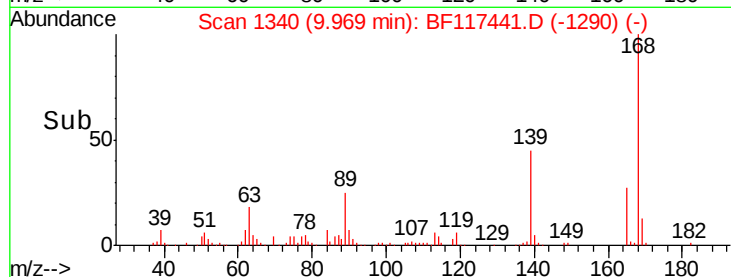
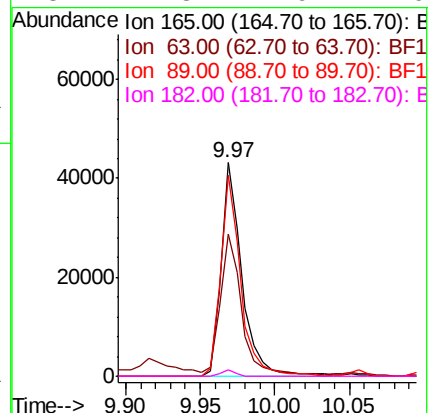
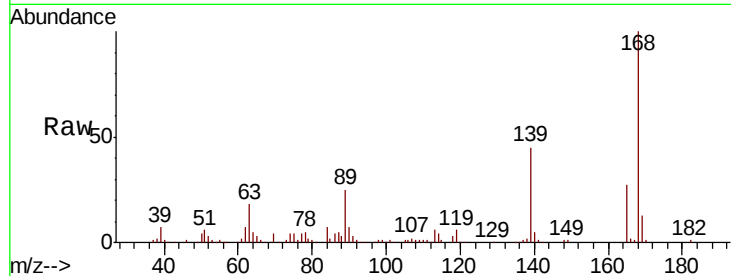
#57
2,4-Dinitrotoluene
Concen: 20.589 ng
RT: 9.97 min Scan# 1340
Delta R.T. -0.01 min
Lab File: BF117441.D
Acq: 18 Oct 2019 15:40

Instrument :
BNA_F
ClientSampleId :
SSTDIC020

Tot Ion	Ratio	Lower	Upper
165	100		
63	66.5	51.4	77.0
89	93.9	69.9	104.9
182	2.8	1.9	2.9

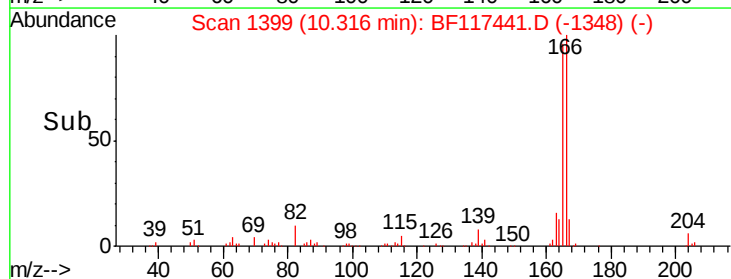
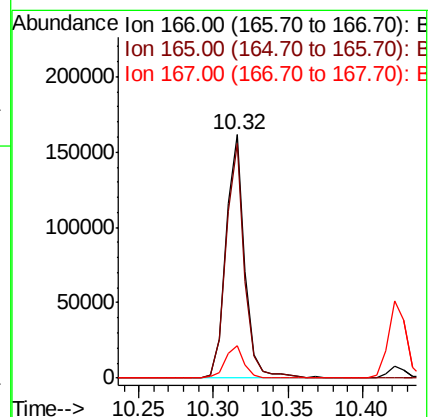
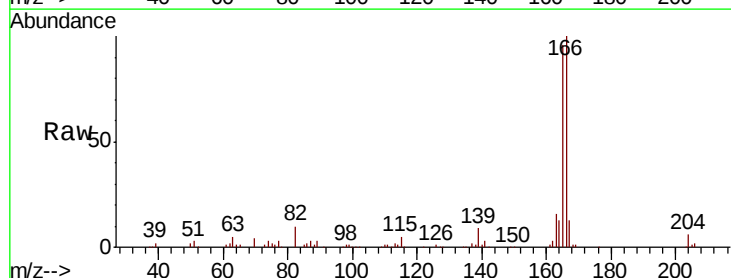
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#58
Fluorene
Concen: 20.297 ng
RT: 10.32 min Scan# 1399
Delta R.T. -0.00 min
Lab File: BF117441.D
Acq: 18 Oct 2019 15:40

Tgt Ion	Ratio	Lower	Upper
166	100		
165	96.2	77.6	116.4
167	13.1	11.0	16.4





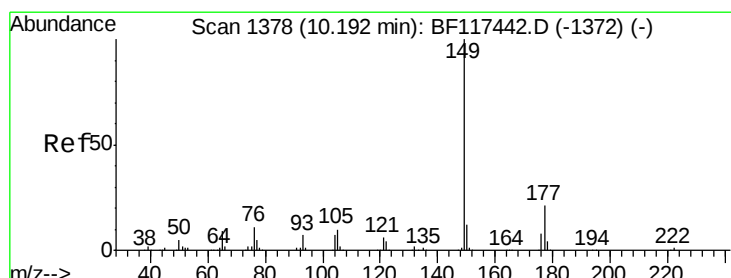
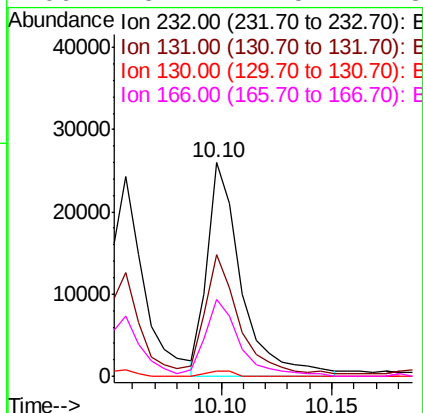
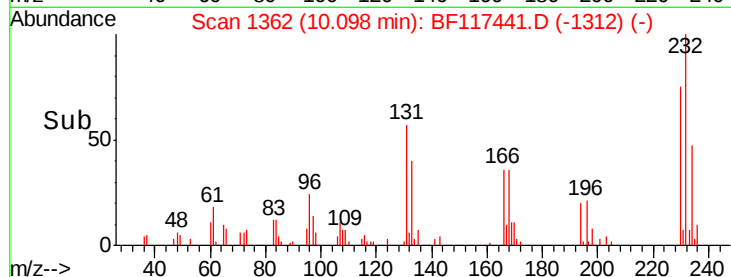
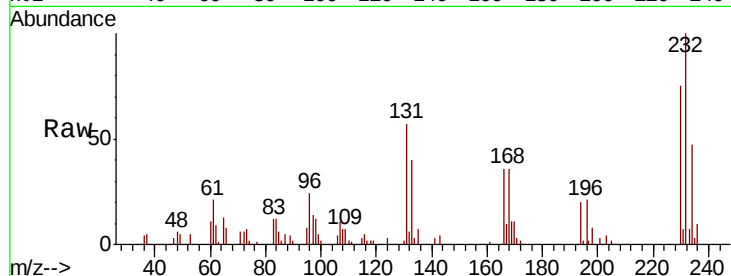
#59
 2,3,4,6-Tetrachlorophenol
 Concen: 20.521 ng
 RT: 10.10 min Scan# 1362
 Delta R.T. -0.01 min
 Lab File: BF117441.D
 Acq: 18 Oct 2019 15:40

Instrument :
 BNA_F
 ClientSampleId :
 SSTDICC020

Tot Ion	Ratio	Lower	Upper
232	100		
131	42.9	42.6	63.8
130	2.3	2.2	3.4
166	25.4	27.5	41.3#

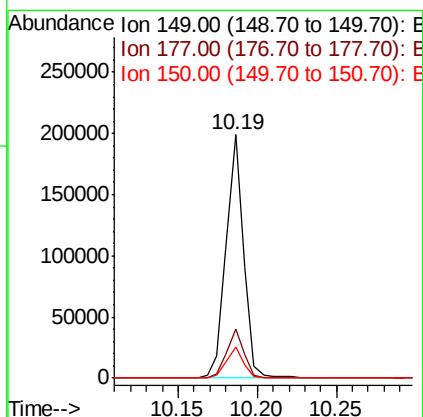
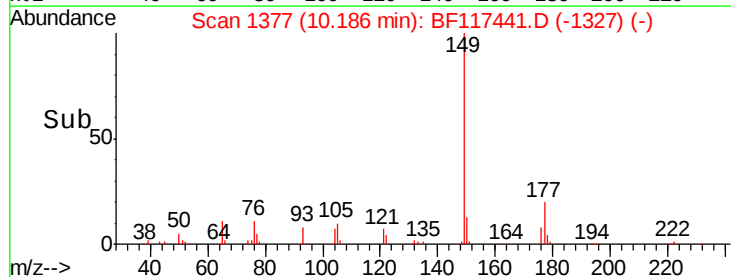
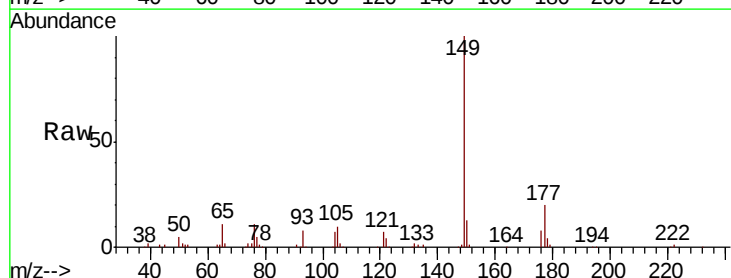
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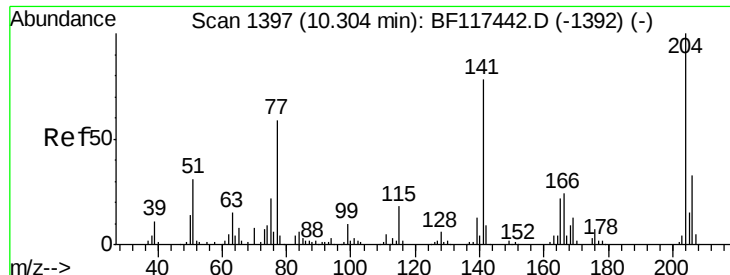
mohammad
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#60
 Diethylphthalate
 Concen: 20.502 ng
 RT: 10.19 min Scan# 1377
 Delta R.T. -0.01 min
 Lab File: BF117441.D
 Acq: 18 Oct 2019 15:40

Tgt Ion	Ratio	Lower	Upper
149	100		
177	20.3	17.0	25.4
150	12.9	9.8	14.6





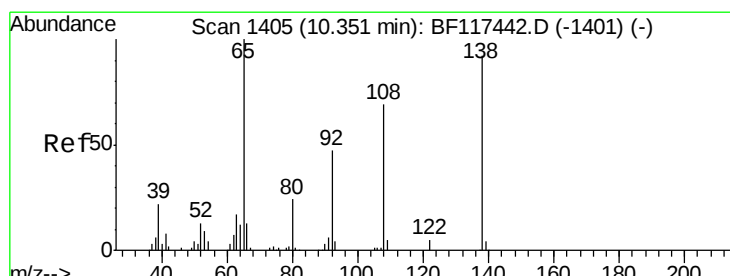
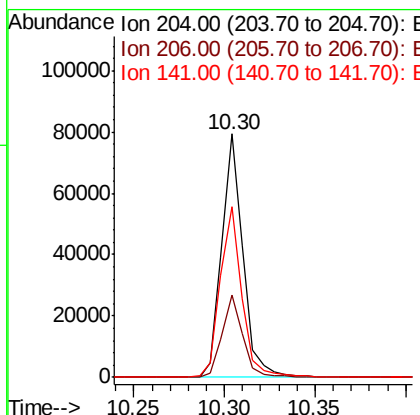
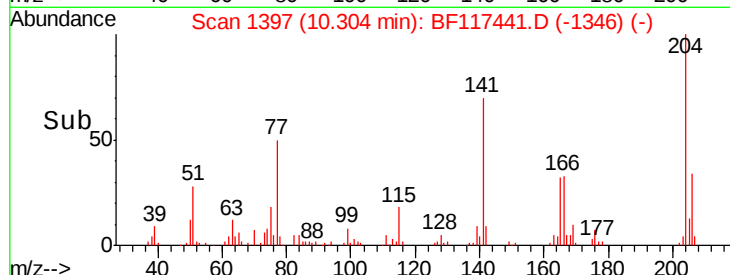
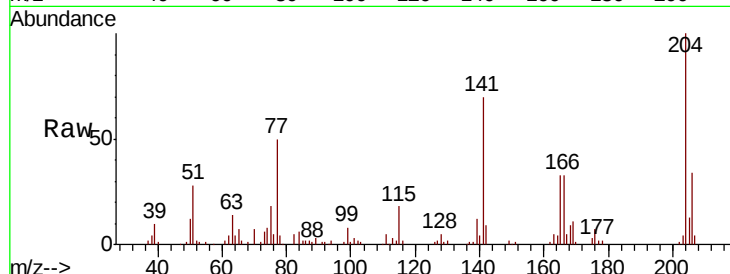
#61
4-Chlorophenyl-phenylether
Concen: 20.643 ng
RT: 10.30 min Scan# 1397
Delta R.T. -0.00 min
Lab File: BF117441.D
Acq: 18 Oct 2019 15:40

Instrument :
BNA_F
ClientSampled :
SSTDIC020

Tot Ion	Ratio	Lower	Upper
204	100		
206	33.8	26.3	39.5
141	70.0	62.2	93.4

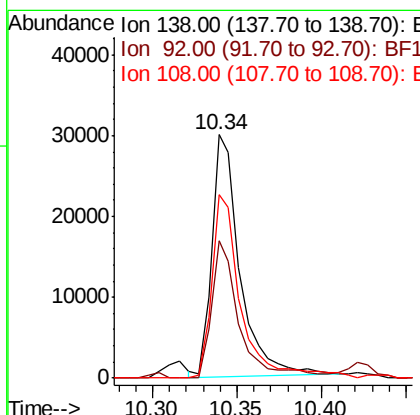
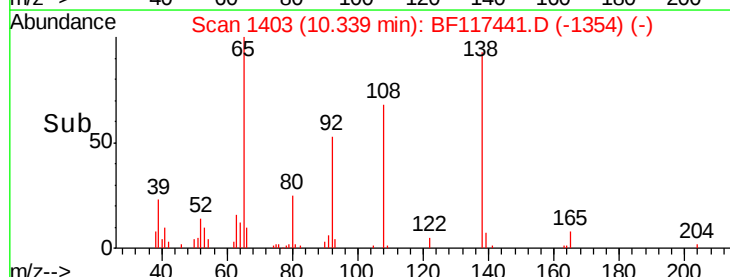
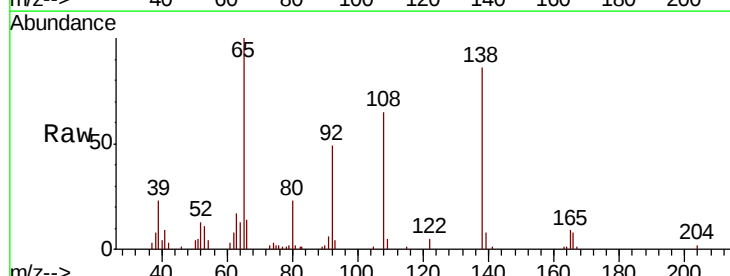
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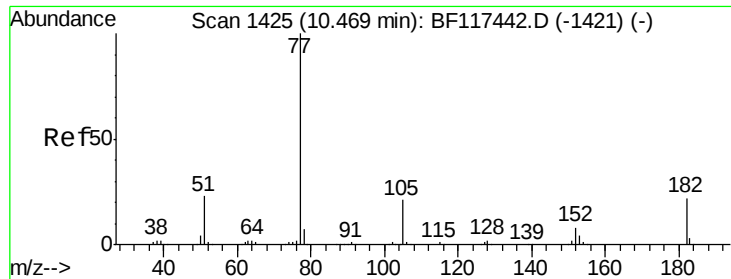
mohammad
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#62
4-Nitroaniline
Concen: 19.193 ng
RT: 10.34 min Scan# 1403
Delta R.T. -0.01 min
Lab File: BF117441.D
Acq: 18 Oct 2019 15:40

Tgt Ion	Ratio	Lower	Upper
138	100		
92	56.6	30.3	70.3
108	75.6	54.9	94.9





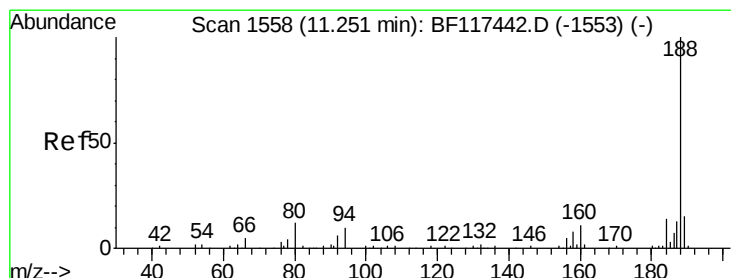
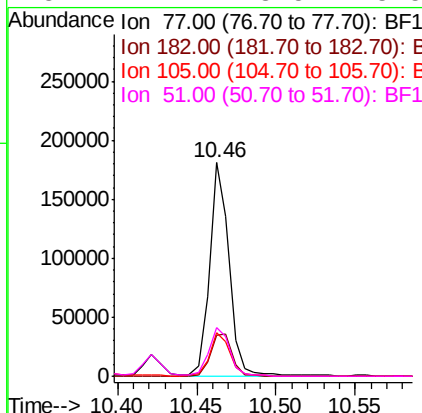
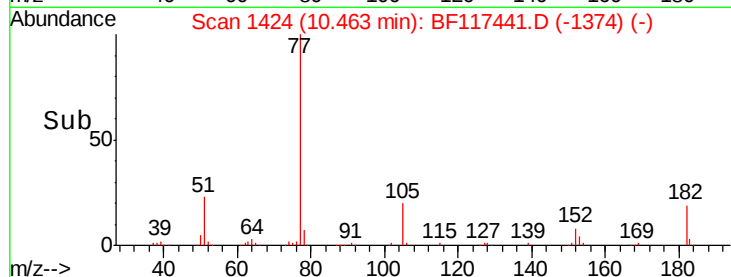
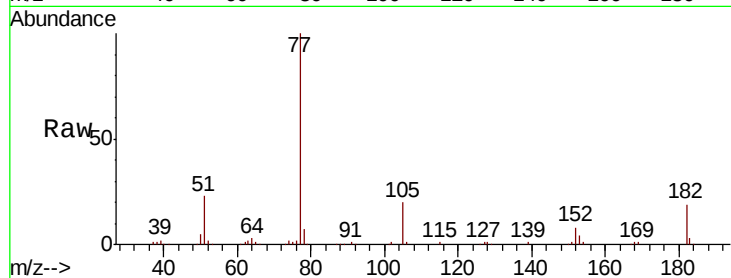
#63
Azobenzene
Concen: 20.088 ng
RT: 10.46 min Scan# 1424
Delta R.T. -0.01 min
Lab File: BF117441.D
Acq: 18 Oct 2019 15:40

Instrument :
BNA_F
ClientSampleId :
SSTDICC020

Tot Ion	Ion	Ratio	Lower	Upper
77	100			
182	19.5	2.3	42.3	
105	20.4	1.3	41.3	
51	22.7	3.5	43.5	

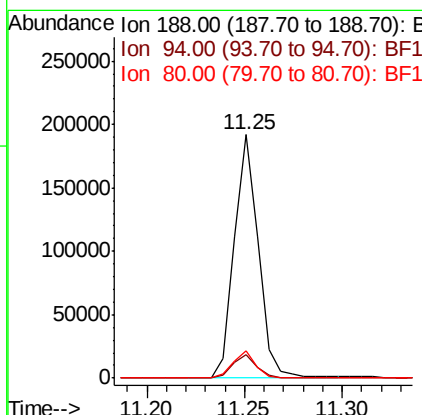
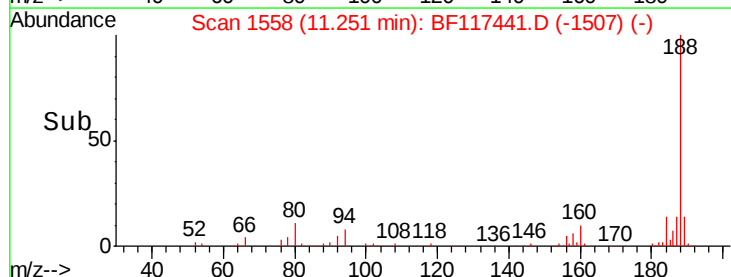
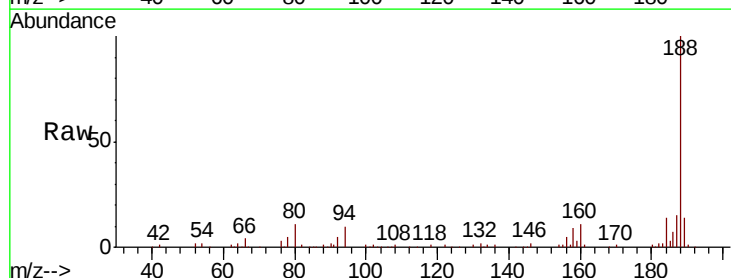
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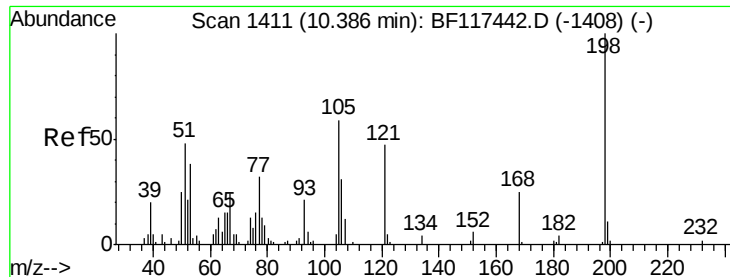
mohammad
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#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.25 min Scan# 1558
Delta R.T. -0.00 min
Lab File: BF117441.D
Acq: 18 Oct 2019 15:40

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





#65

4,6-Dinitro-2-methylphenol

Concen: 17.917 ng

RT: 10.39 min Scan# 1411

Delta R.T. -0.00 min

Lab File: BF117441.D

Acq: 18 Oct 2019 15:40

Instrument :

BNA_F

ClientSampled :

SSTDIC020

Tot Ion:198 Resp: 14824

Ion Ratio Lower Upper

198 100

51 42.5 29.1 69.1

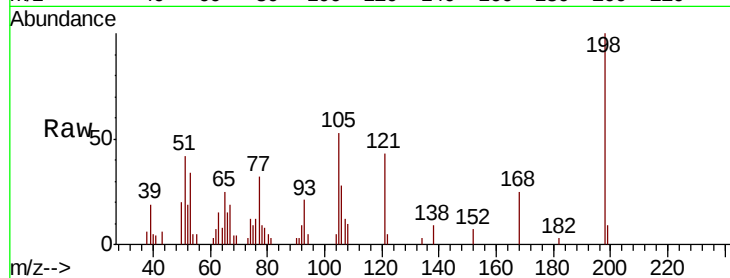
105 52.6 39.4 79.4

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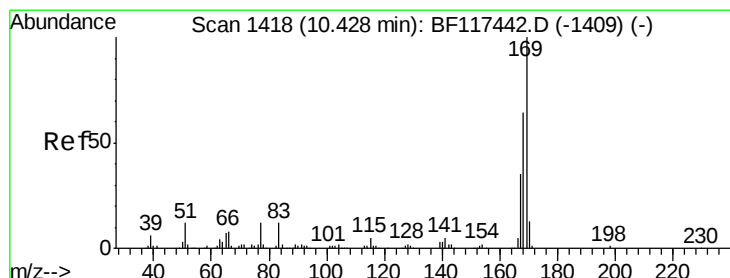
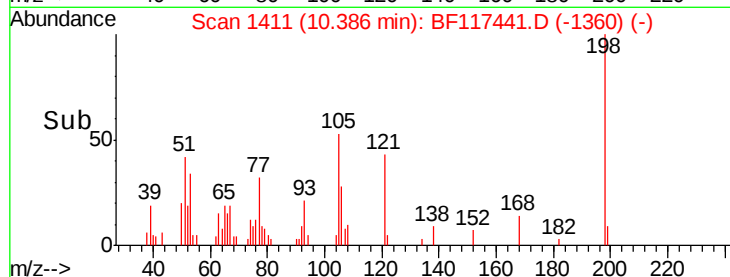
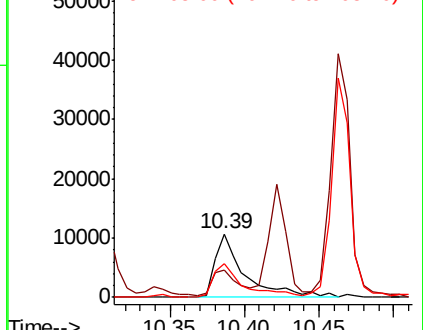
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Abundance Ion 198.00 (197.70 to 198.70): E

Ion 51.00 (50.70 to 51.70): BF1

Ion 105.00 (104.70 to 105.70): E



#66

n-Nitrosodiphenylamine

Concen: 19.894 ng

RT: 10.42 min Scan# 1417

Delta R.T. -0.01 min

Lab File: BF117441.D

Acq: 18 Oct 2019 15:40

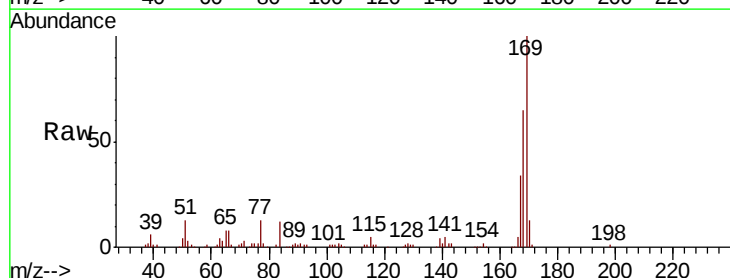
Tgt Ion:169 Resp: 122401

Ion Ratio Lower Upper

169 100

168 65.4 51.3 76.9

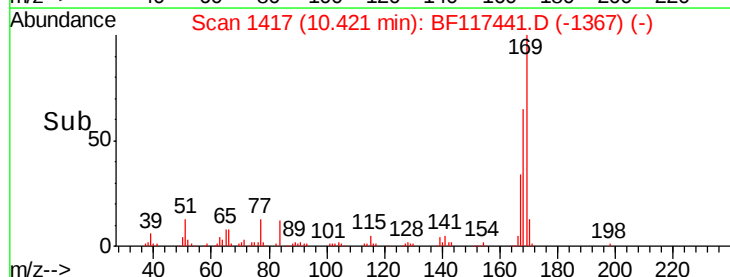
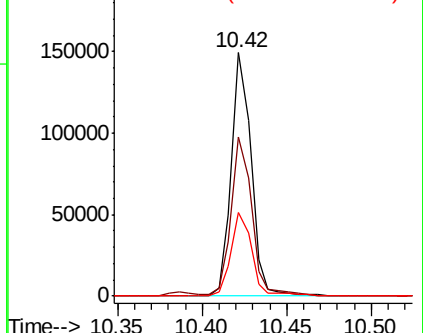
167 34.1 28.2 42.4



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





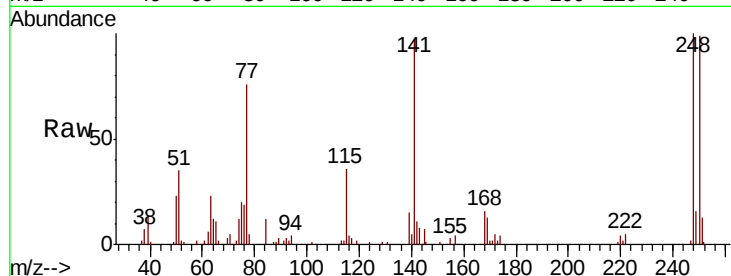
#67
 4-Bromophenyl-phenylether
 Concen: 19.708 ng
 RT: 10.79 min Scan# 1480
 Delta R.T. -0.00 min
 Lab File: BF117441.D
 Acq: 18 Oct 2019 15:40

Instrument :
 BNA_F
 ClientSampled :
 SSTDICC020

Tot Ion	Ratio	Lower	Upper
248	100		
250	99.5	78.0	117.0
141	96.8	81.7	122.5

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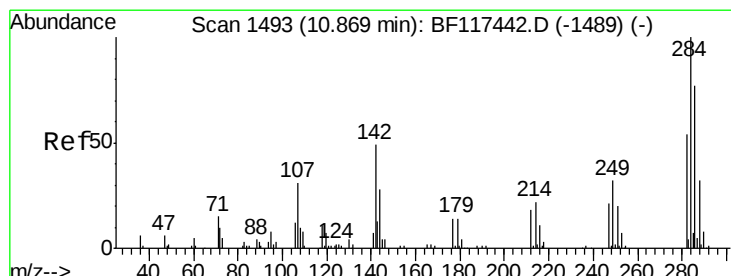
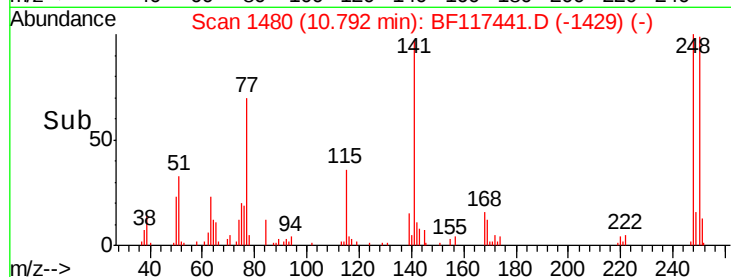
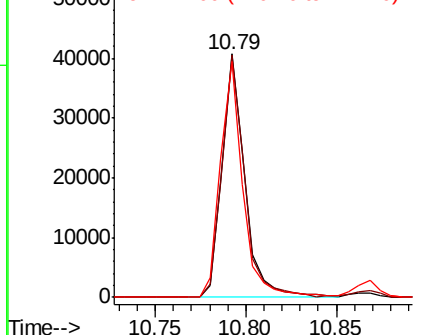


Abundance

Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E



#68
 Hexachlorobenzene
 Concen: 19.400 ng
 RT: 10.87 min Scan# 1493
 Delta R.T. -0.00 min
 Lab File: BF117441.D
 Acq: 18 Oct 2019 15:40

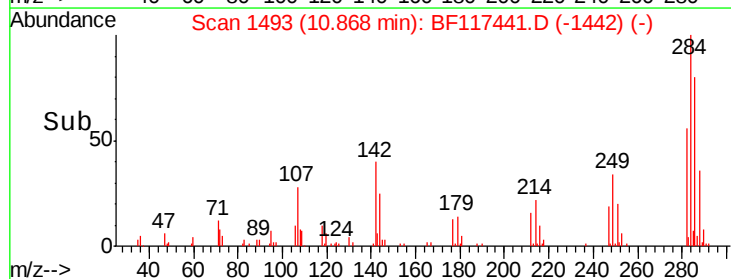
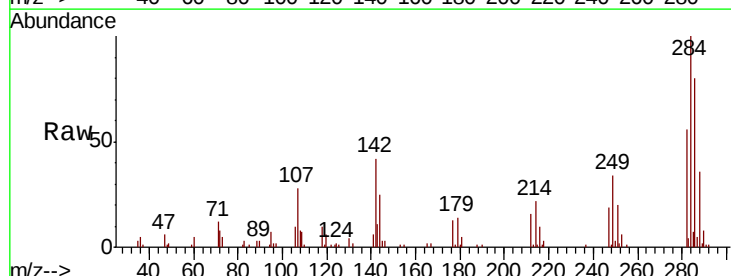
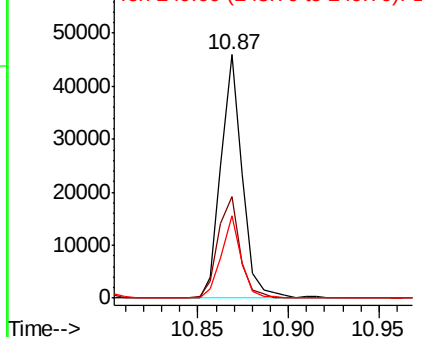
Tgt Ion	Ratio	Lower	Upper
284	100		
142	41.7	39.0	58.6
249	33.6	25.7	38.5

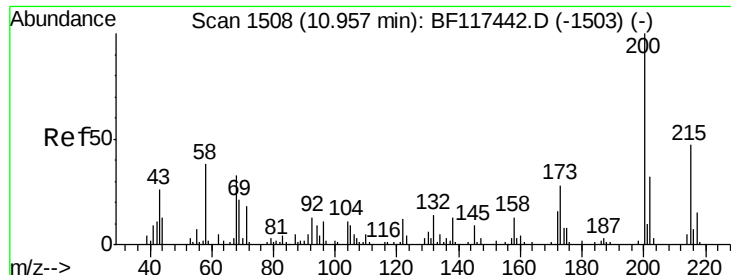
Abundance

Ion 283.80 (283.50 to 284.50): E

Ion 142.00 (141.70 to 142.70): E

Ion 249.00 (248.70 to 249.70): E





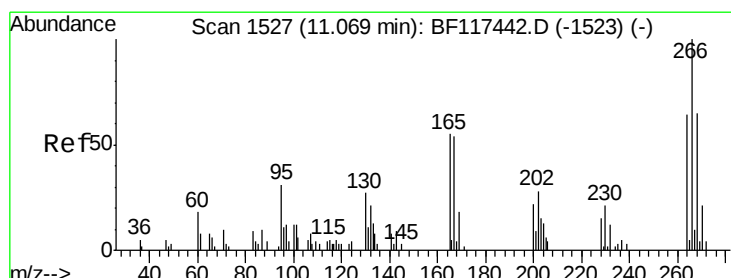
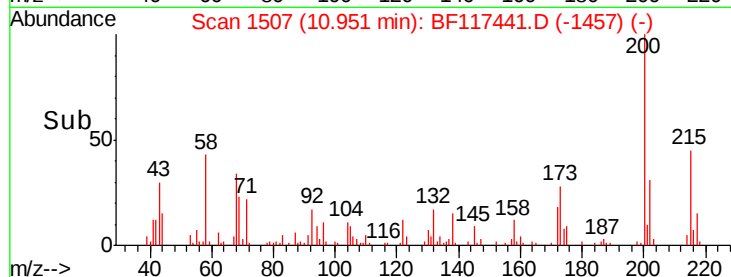
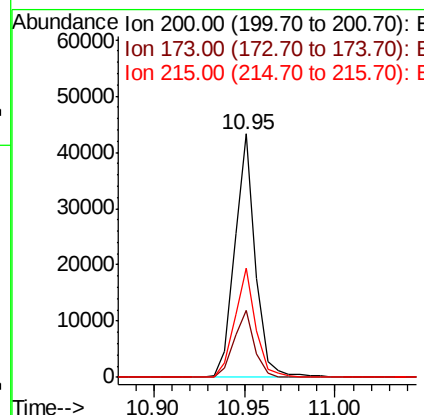
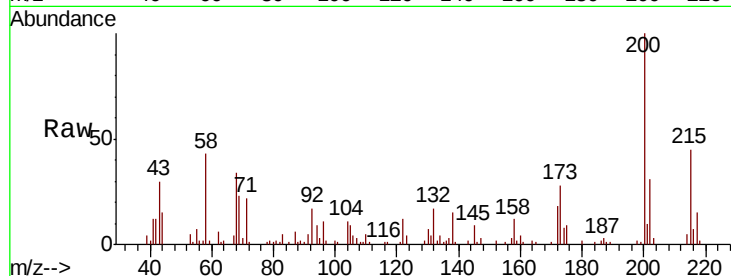
#69
Atrazine
Concen: 34.345 ng
RT: 10.95 min Scan# 1507
Delta R.T. -0.01 min
Lab File: BF117441.D
Acq: 18 Oct 2019 15:40

Instrument :
BNA_F
ClientSampleId :
SSTDIC020

Tot Ion	Ratio	Resp	Lower	Upper
200	100	34266		
173	27.7	8.2	48.2	
215	44.6	26.8	66.8	

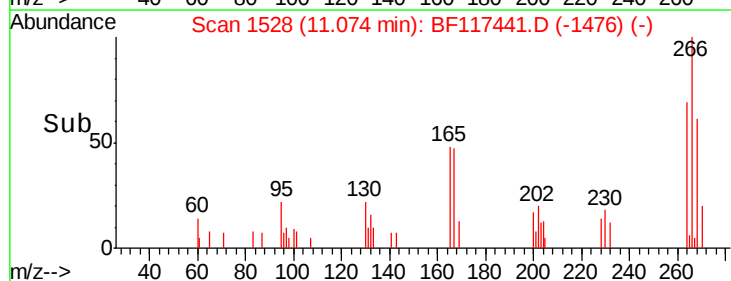
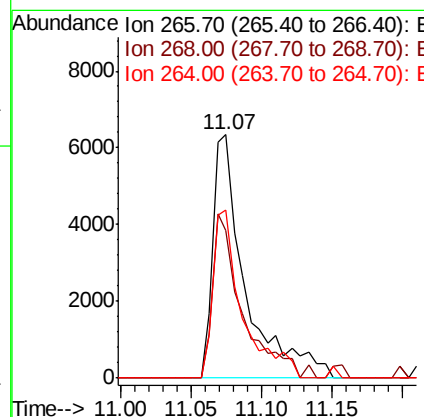
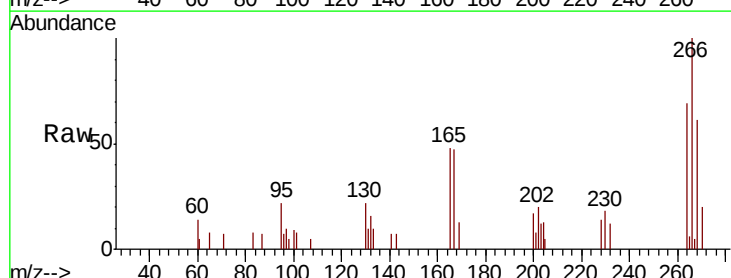
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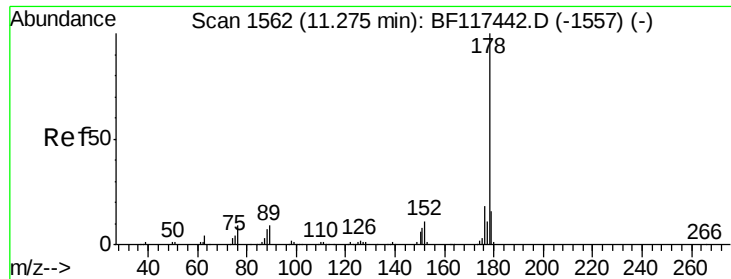
mohammad
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#70
Pentachlorophenol
Concen: 17.474 ng
RT: 11.07 min Scan# 1528
Delta R.T. 0.01 min
Lab File: BF117441.D
Acq: 18 Oct 2019 15:40

Tgt Ion	Ratio	Resp	Lower	Upper
266	100	10142		
268	60.8	51.6	77.4	
264	69.3	51.4	77.2	





#71

Phenanthrene

Concen: 20.001 ng

RT: 11.27 min Scan# 1562

Delta R.T. -0.00 min

Lab File: BF117441.D

Acq: 18 Oct 2019 15:40

Instrument :

BNA_F

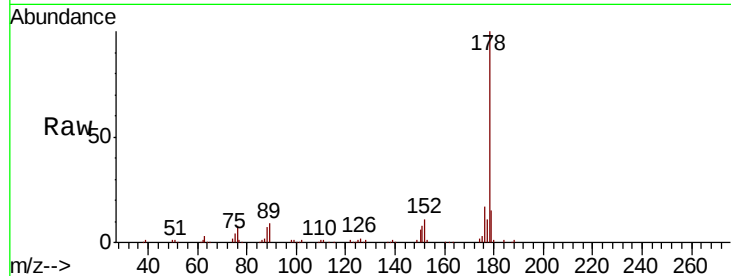
ClientSampleId :

SSTDIC020

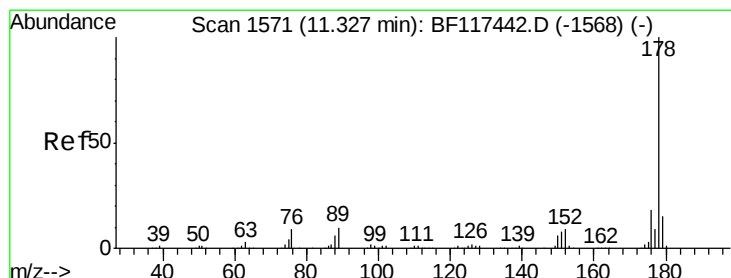
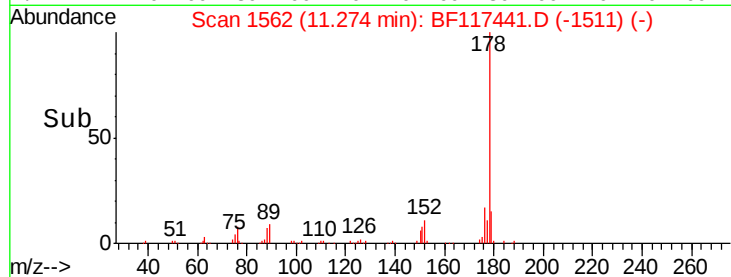
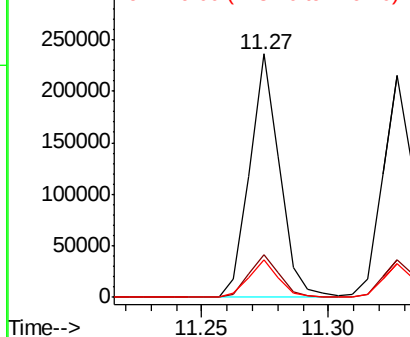
Tot Ion:178	Resp:	194732
Ion Ratio	Lower	Upper
178	100	
176	17.4	14.6 22.0
179	15.5	12.6 19.0

Manual Integrations
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Abundance Ion 178.00 (177.70 to 178.70): E
Ion 176.00 (175.70 to 176.70): E
Ion 179.00 (178.70 to 179.70): E



#72

Anthracene

Concen: 20.353 ng

RT: 11.33 min Scan# 1571

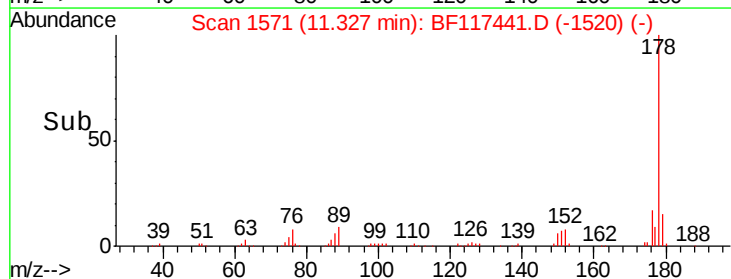
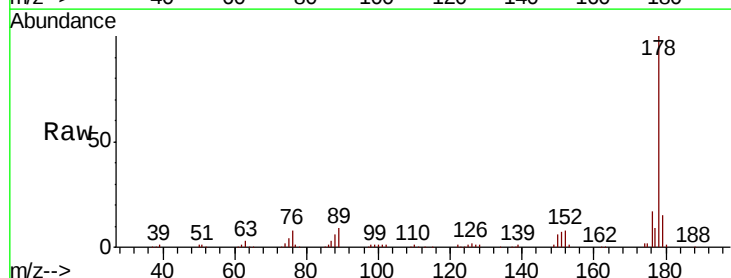
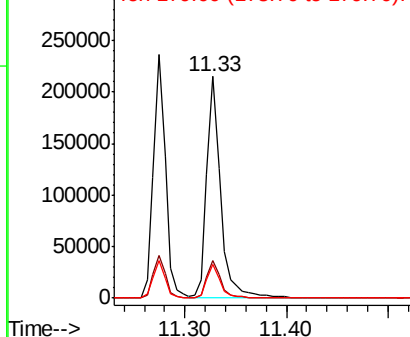
Delta R.T. -0.00 min

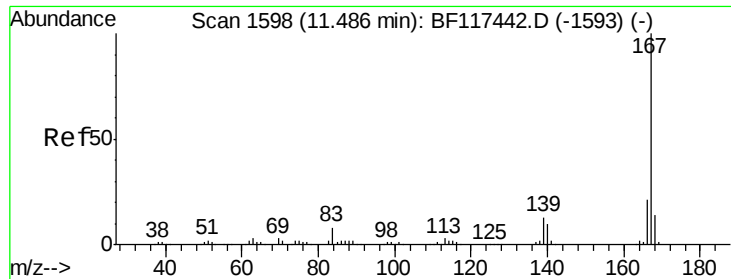
Lab File: BF117441.D

Acq: 18 Oct 2019 15:40

Tgt Ion:178	Resp:	204566
Ion Ratio	Lower	Upper
178	100	
176	17.1	14.7 22.1
179	15.3	12.2 18.2

Abundance Ion 178.00 (177.70 to 178.70): E
Ion 176.00 (175.70 to 176.70): E
Ion 179.00 (178.70 to 179.70): E





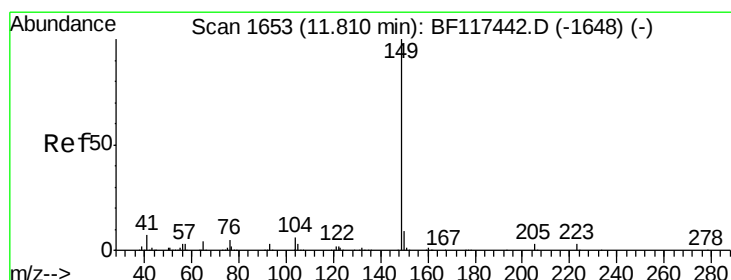
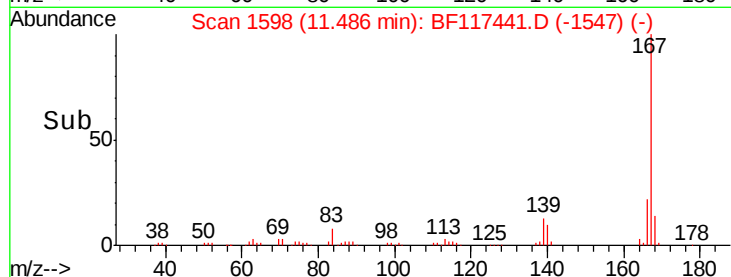
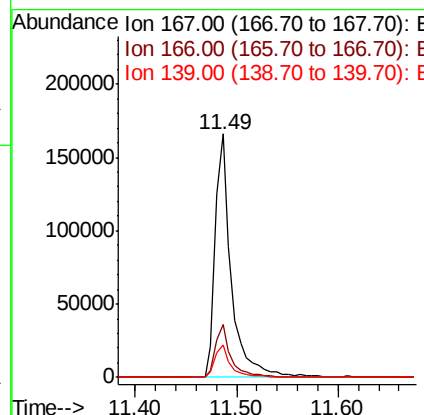
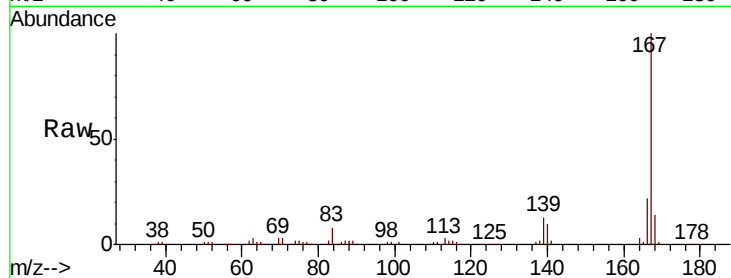
#73
 Carbazole
 Concen: 20.190 ng
 RT: 11.49 min Scan# 1598
 Delta R.T. -0.00 min
 Lab File: BF117441.D
 Acq: 18 Oct 2019 15:40

Instrument :
 BNA_F
 ClientSampleId :
 SSTDICC020

Tot Ion	Ratio	Lower	Upper
167	100		
166	21.9	17.0	25.6
139	13.5	10.6	16.0

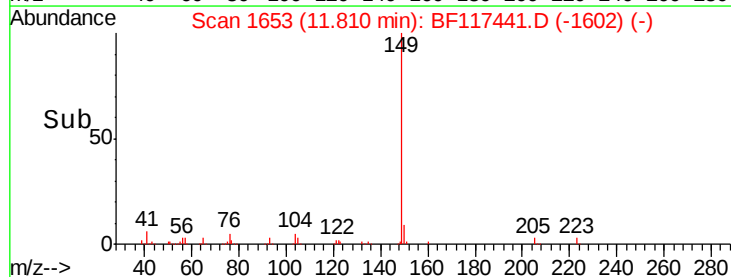
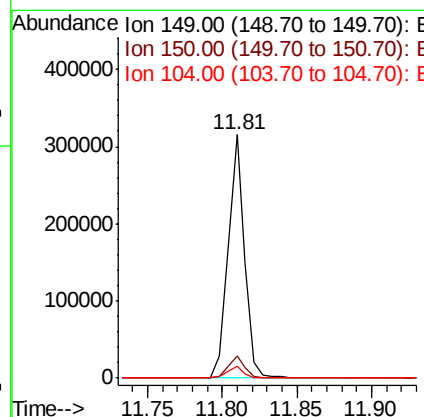
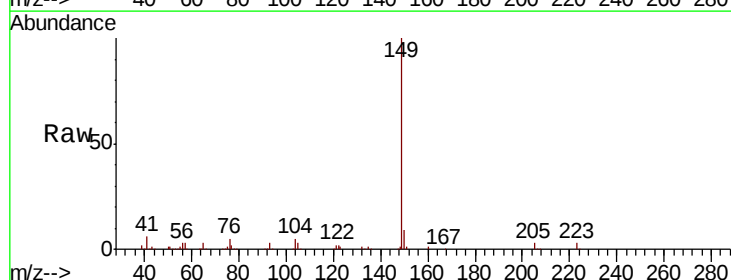
Manual Integrations
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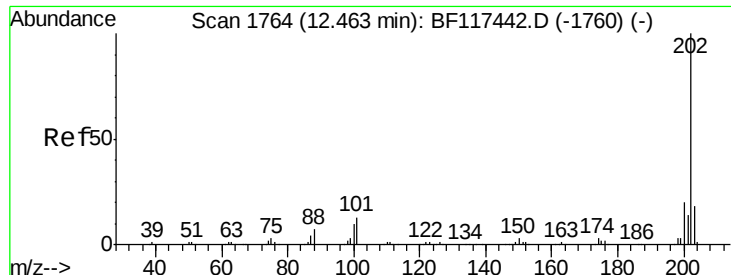
mohammad
 10/20/2019 8:04:30 PM



#74
 Di-n-butylphthalate
 Concen: 19.990 ng
 RT: 11.81 min Scan# 1653
 Delta R.T. -0.00 min
 Lab File: BF117441.D
 Acq: 18 Oct 2019 15:40

Tgt Ion	Ratio	Lower	Upper
149	100		
150	8.9	7.5	11.3
104	5.1	4.6	6.8





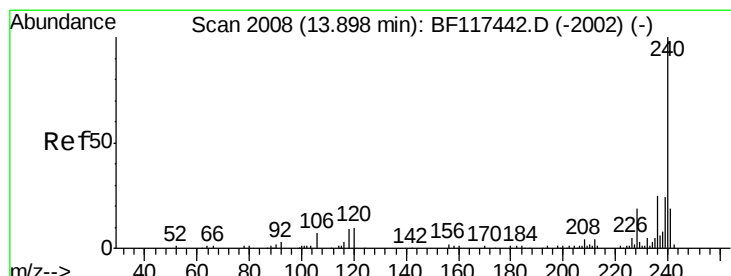
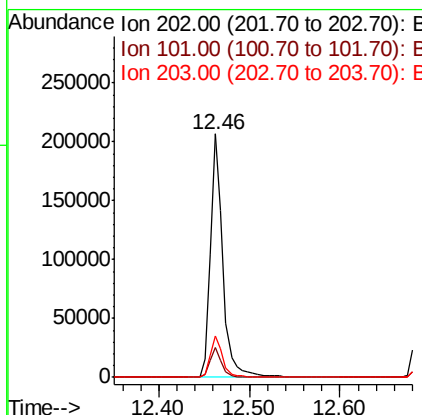
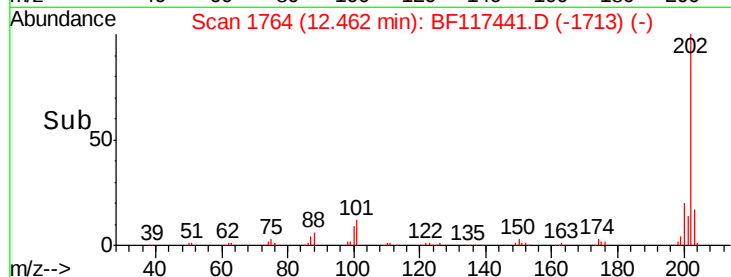
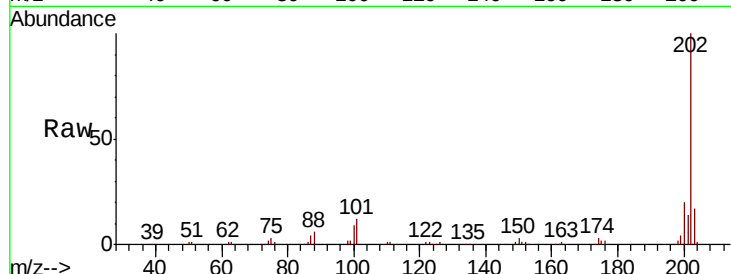
#75
 Fluoranthene
 Concen: 20.718 ng
 RT: 12.46 min Scan# 1764
 Delta R.T. -0.00 min
 Lab File: BF117441.D
 Acq: 18 Oct 2019 15:40

Instrument :
 BNA_F
 ClientSampled :
 SSTDICC020

Tot Ion	Ratio	Resp Lower	Upper
202	100		
101	12.1	0.0	32.7
203	17.0	0.0	37.6

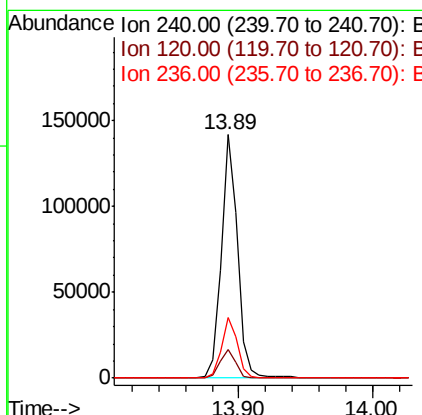
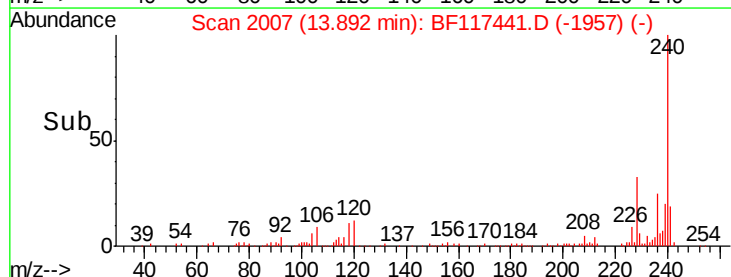
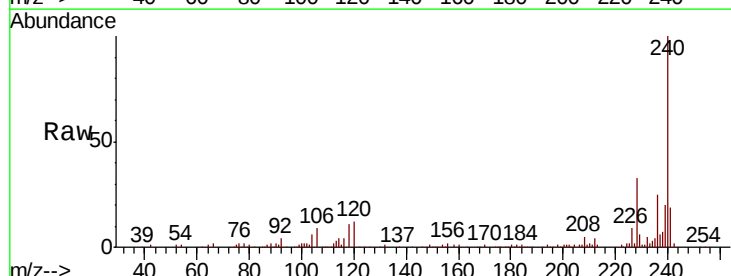
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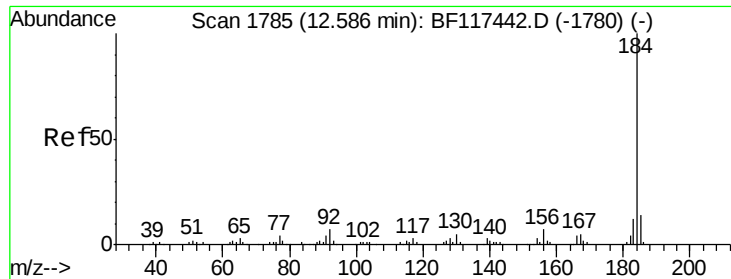
mohammad
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#76
 Chrysene-d12
 Concen: 20.000 ng
 RT: 13.89 min Scan# 2007
 Delta R.T. -0.01 min
 Lab File: BF117441.D
 Acq: 18 Oct 2019 15:40

Tgt Ion	Ratio	Resp Lower	Upper
240	100		
120	11.8	8.4	12.6
236	24.7	20.0	30.0





#77

Benzidine

Concen: 26.987 ng

RT: 12.59 min Scan# 1785

Delta R.T. -0.00 min

Lab File: BF117441.D

Acq: 18 Oct 2019 15:40

Instrument :

BNA_F

ClientSampleId :

SSTDICC020

Tot Ion:184 Resp: 81589

Ion Ratio Lower Upper

184 100

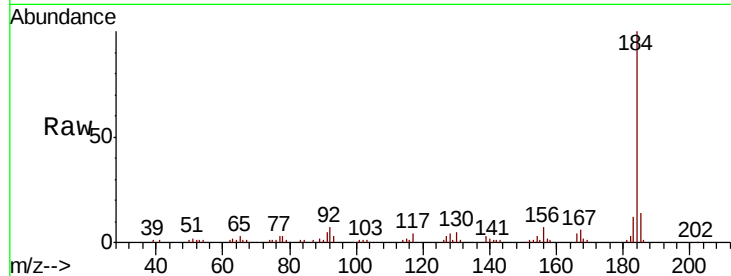
185 14.1 11.4 17.0

183 11.7 9.6 14.4

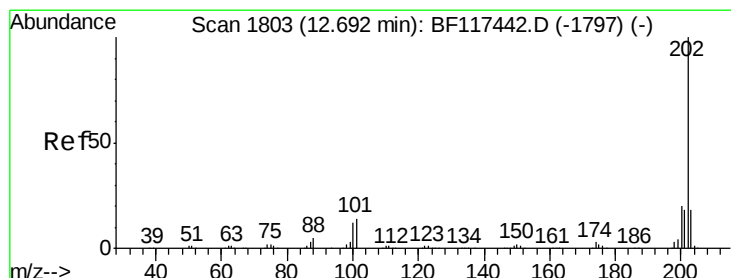
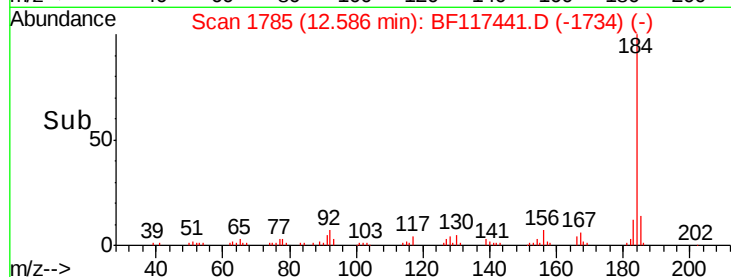
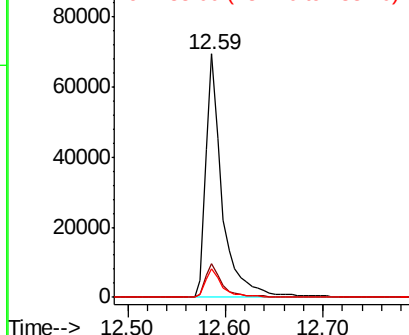
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Abundance Ion 184.00 (183.70 to 184.70): E
Ion 185.00 (184.70 to 185.70): E
Ion 183.00 (182.70 to 183.70): E



#78

Pyrene

Concen: 18.708 ng

RT: 12.69 min Scan# 1803

Delta R.T. -0.00 min

Lab File: BF117441.D

Acq: 18 Oct 2019 15:40

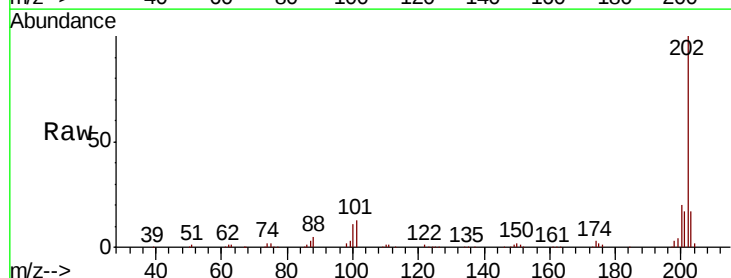
Tgt Ion:202 Resp: 202145

Ion Ratio Lower Upper

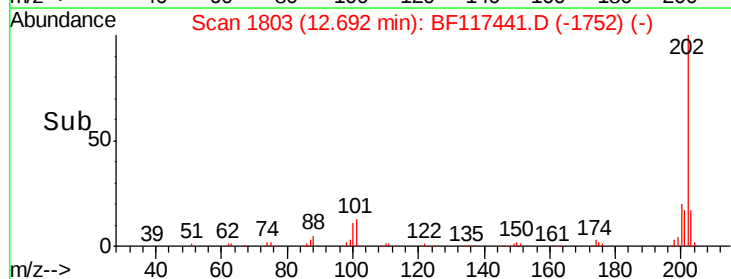
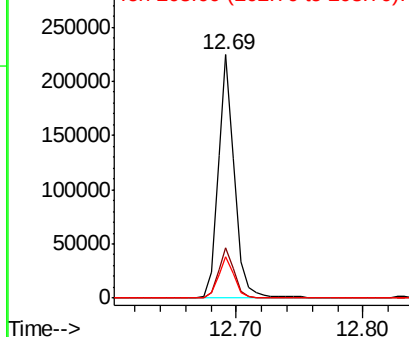
202 100

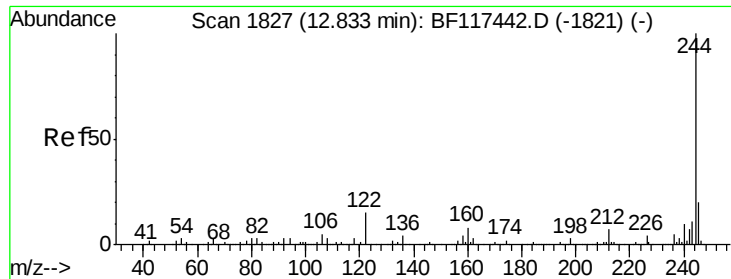
200 20.4 16.2 24.2

203 17.2 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





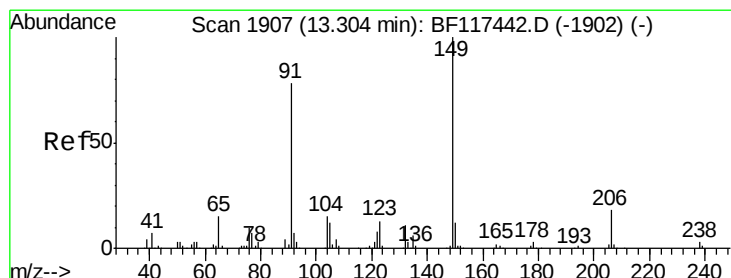
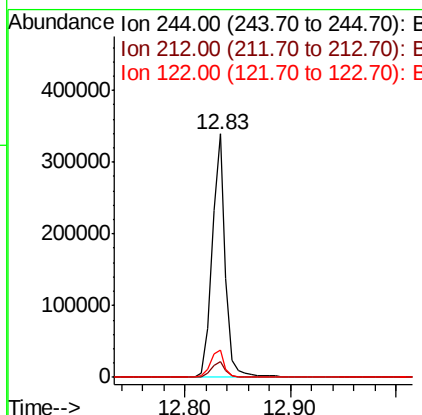
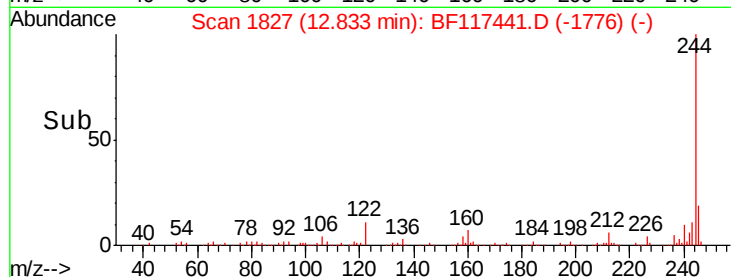
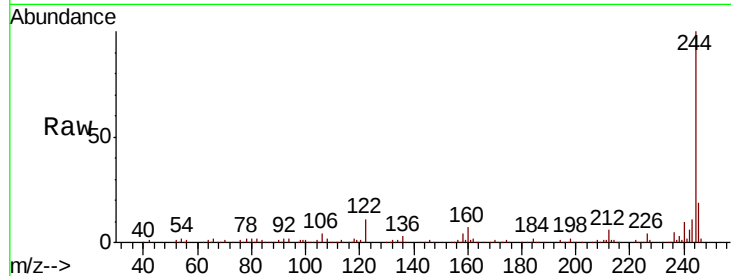
#79
 Terphenyl-d14
 Concen: 39.654 ng
 RT: 12.83 min Scan# 1827
 Delta R.T. -0.00 min
 Lab File: BF117441.D
 Acq: 18 Oct 2019 15:40

Instrument :
 BNA_F
 ClientSampleId :
 SSTDICC020

Tot Ion	Ratio	Resp	Lower	Upper
244	100	297356		
212	6.5	5.8	8.6	
122	11.4	11.8	17.8	

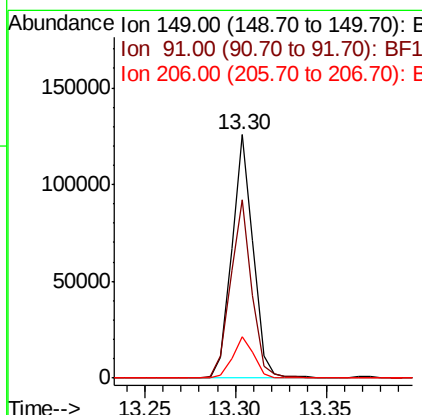
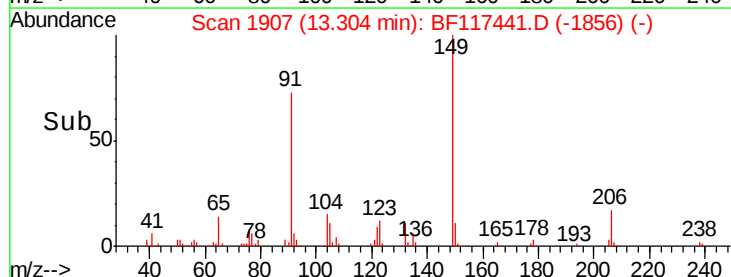
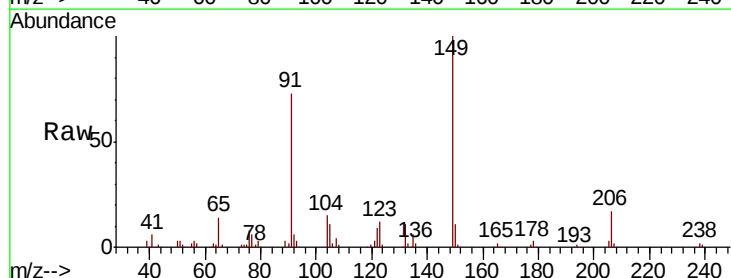
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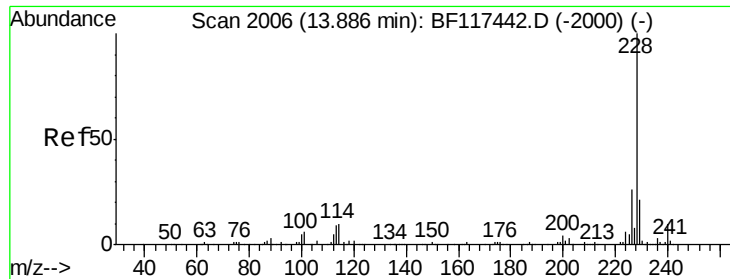
mohammad
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#80
 Butylbenzylphthalate
 Concen: 18.977 ng
 RT: 13.30 min Scan# 1907
 Delta R.T. -0.00 min
 Lab File: BF117441.D
 Acq: 18 Oct 2019 15:40

Tgt Ion	Ratio	Resp	Lower	Upper
149	100	103110		
91	73.0	62.1	93.1	
206	17.2	14.3	21.5	





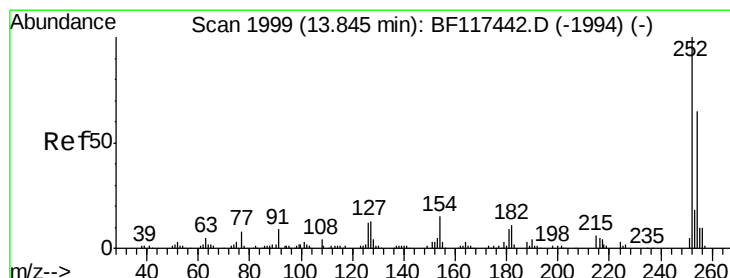
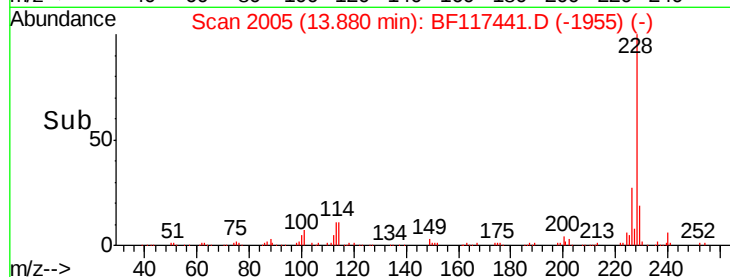
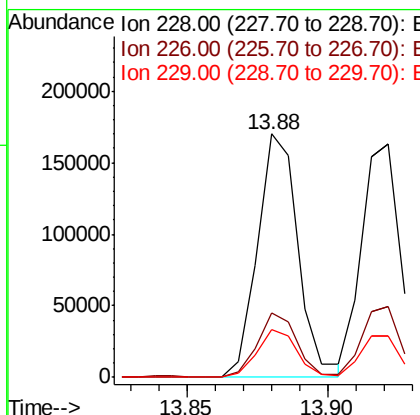
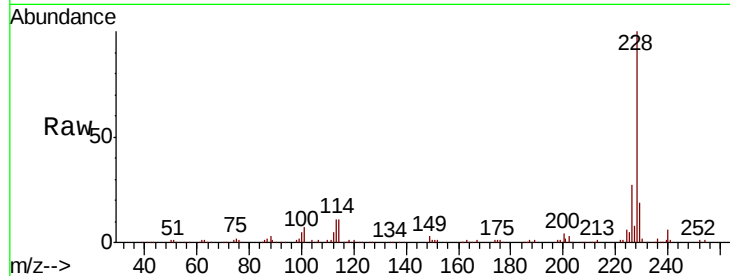
#81
Benzo(a)anthracene
Concen: 20.268 ng
RT: 13.88 min Scan# 2005
Delta R.T. -0.01 min
Lab File: BF117441.D
Acq: 18 Oct 2019 15:40

Instrument :
BNA_F
ClientSampleId :
SSTDICC020

Tot Ion	Ratio	Lower	Upper
228	100		
226	26.6	21.0	31.4
229	19.4	16.4	24.6

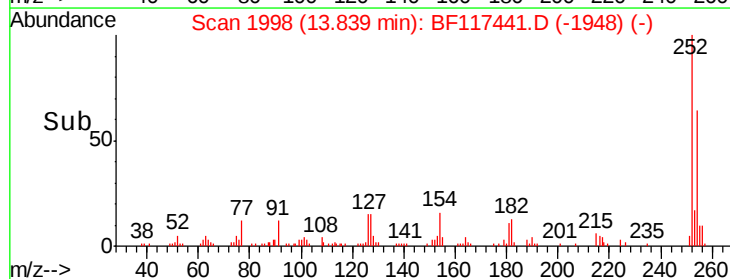
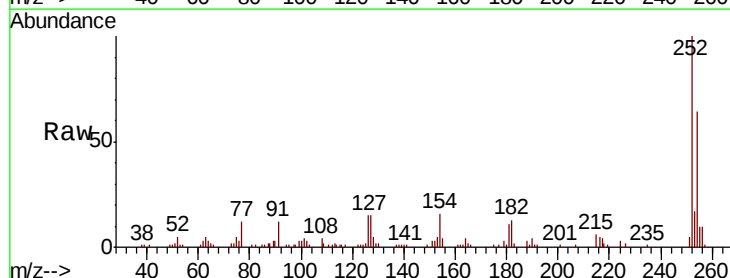
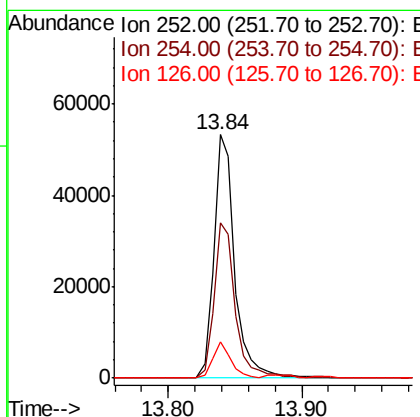
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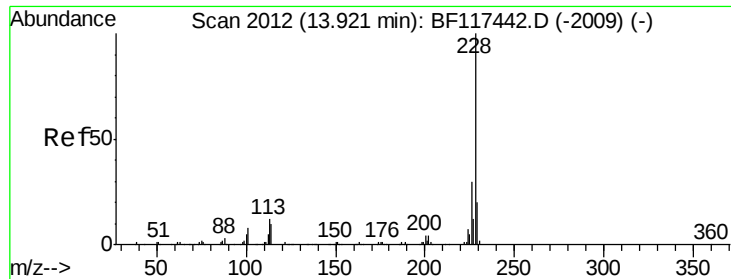
mohammad
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#82
3,3'-Dichlorobenzidine
Concen: 22.148 ng
RT: 13.84 min Scan# 1998
Delta R.T. -0.01 min
Lab File: BF117441.D
Acq: 18 Oct 2019 15:40

Tgt Ion	Ratio	Lower	Upper
252	100		
254	63.7	52.2	78.4
126	14.8	9.2	13.8#





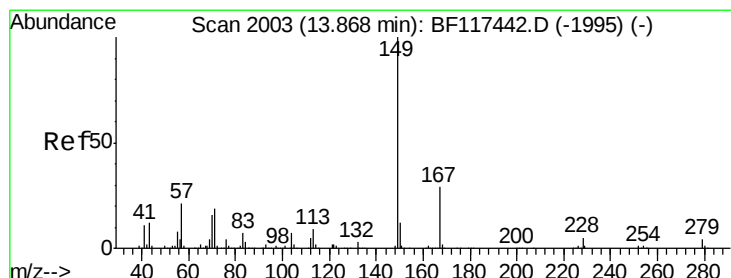
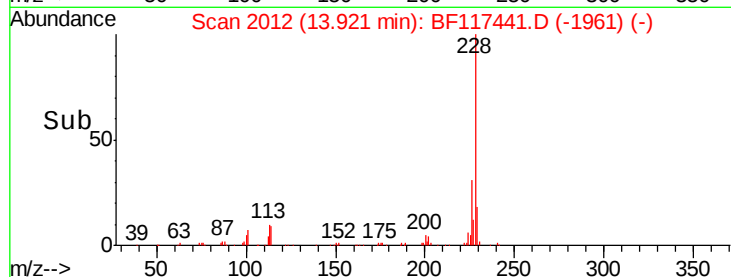
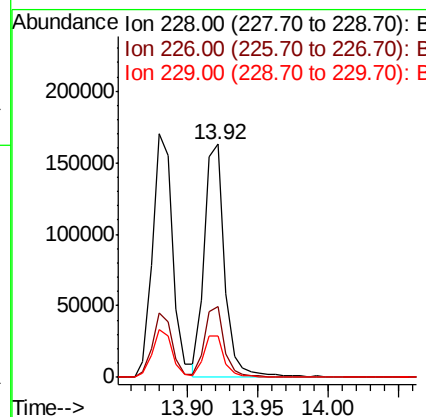
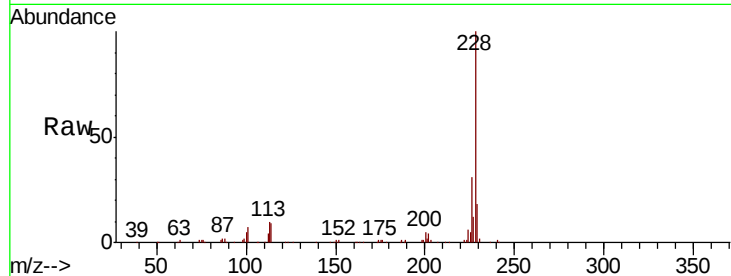
#83
 Chrvsene
 Concen: 19.651 ng
 RT: 13.92 min Scan# 2012
 Delta R.T. -0.00 min
 Lab File: BF117441.D
 Acq: 18 Oct 2019 15:40

Instrument :
 BNA_F
 ClientSampleId :
 SSTDICC020

Tot Ion:	228	Resp:	162545
Ion Ratio		Lower	Upper
228	100		
226	30.5	23.9	35.9
229	17.8	15.8	23.6

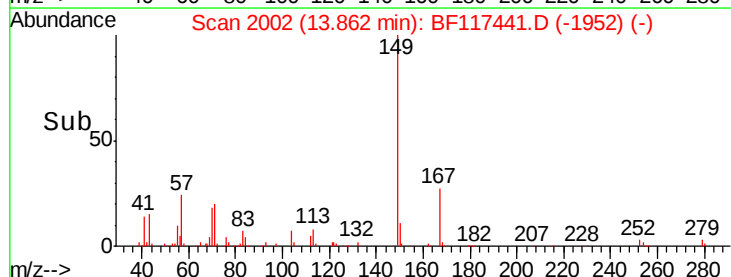
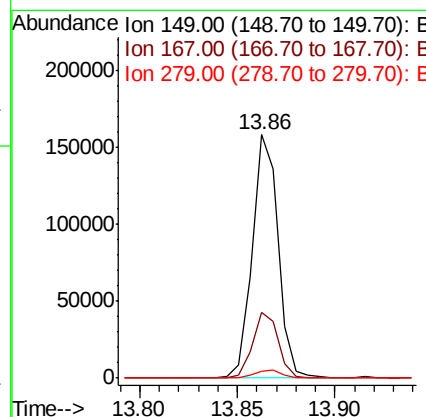
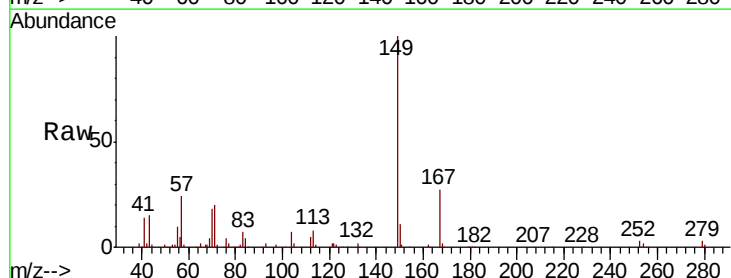
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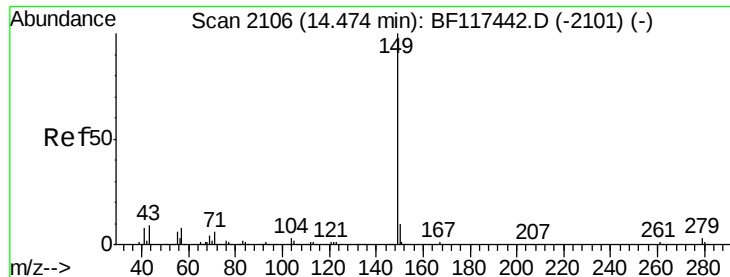
mohammad
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#84
 Bis(2-ethylhexyl)phthalate
 Concen: 18.897 ng
 RT: 13.86 min Scan# 2002
 Delta R.T. -0.01 min
 Lab File: BF117441.D
 Acq: 18 Oct 2019 15:40

Tgt Ion:	149	Resp:	144774
Ion Ratio		Lower	Upper
149	100		
167	27.0	23.3	34.9
279	2.9	3.2	4.8#





#85

Di-n-octyl phthalate

Concen: 19.671 ng

RT: 14.47 min Scan# 2106

Delta R.T. -0.00 min

Lab File: BF117441.D

Acq: 18 Oct 2019 15:40

Instrument :

BNA_F

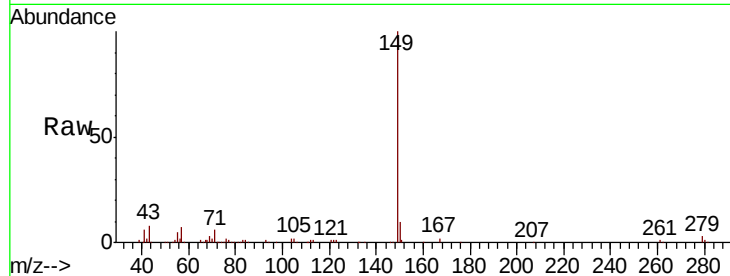
ClientSampleId :

SSTDIC020

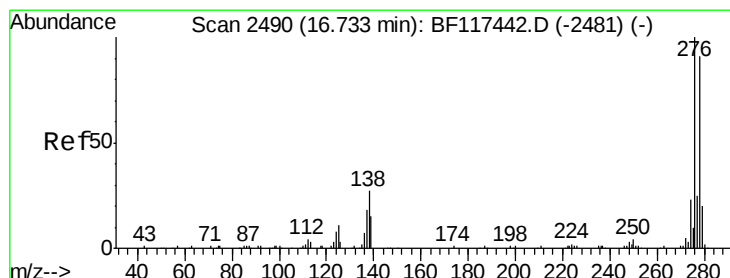
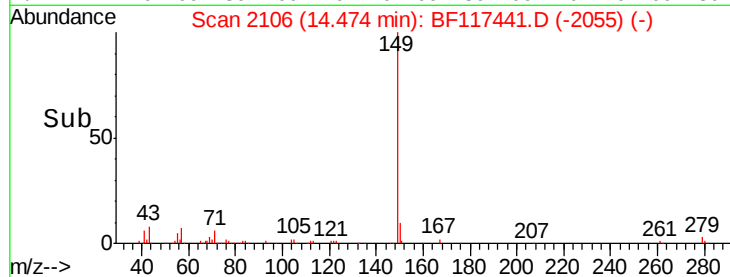
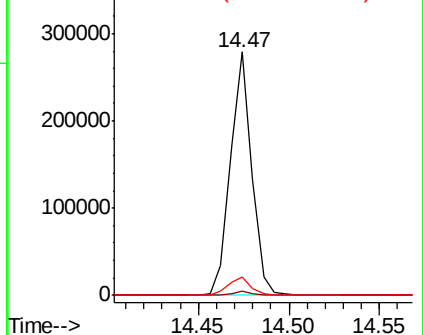
Tot Ion:	149	Resp:	229427
Ion Ratio	Lower	Upper	
149	100		
167	1.6	1.2	1.8
43	7.9	6.8	10.2

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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: 19.777 ng

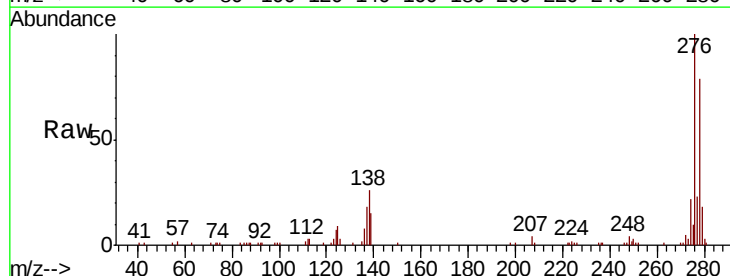
RT: 16.73 min Scan# 2489

Delta R.T. -0.01 min

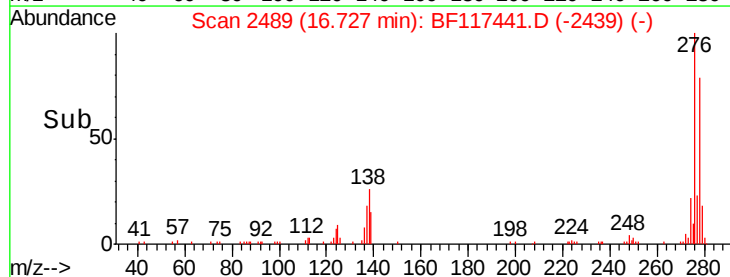
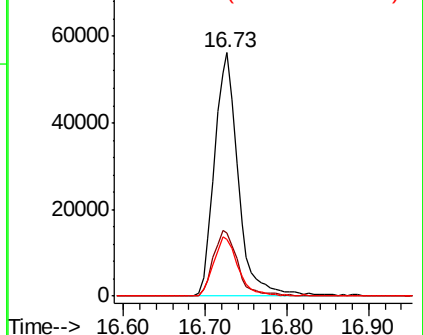
Lab File: BF117441.D

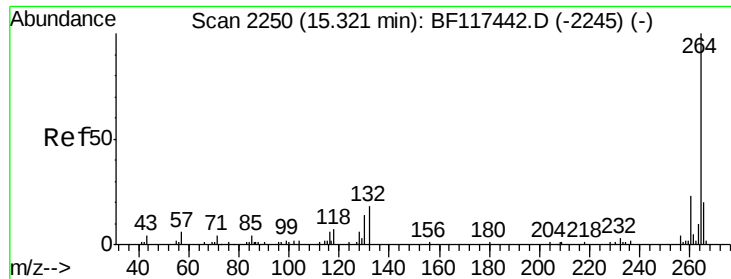
Acq: 18 Oct 2019 15:40

Tgt Ion:	276	Resp:	114383
Ion Ratio	Lower	Upper	
276	100		
138	27.3	21.8	32.8
277	24.7	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: 15.32 min Scan# 2250

Delta R.T. -0.00 min

Lab File: BF117441.D

Acq: 18 Oct 2019 15:40

Instrument :

BNA_F

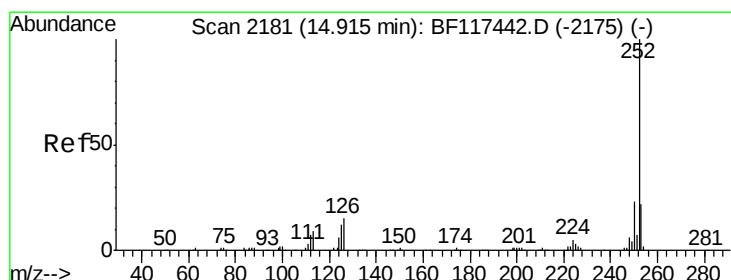
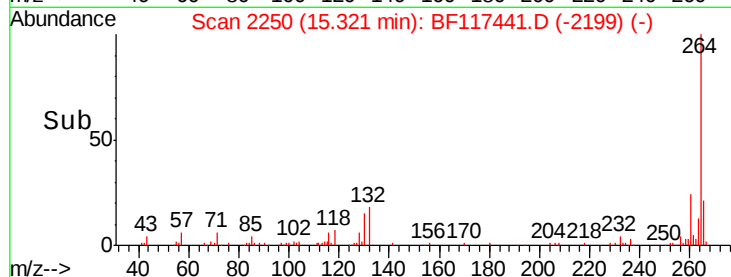
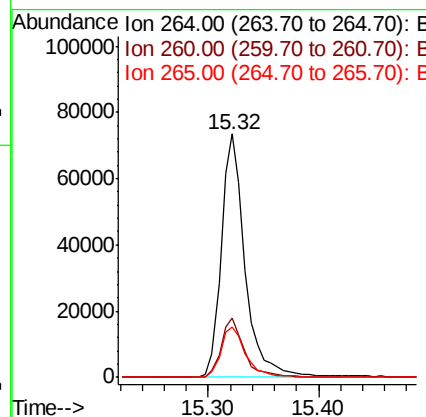
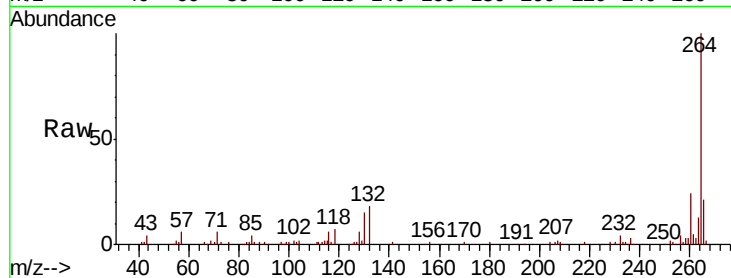
ClientSampleId :

SSTDIC020

Tot Ion:	264	Resp:	109804
Ion Ratio	Lower	Upper	
264	100		
260	24.4	18.4	27.6
265	20.8	16.1	24.1

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#88

Benzo(b)fluoranthene

Concen: 19.686 ng

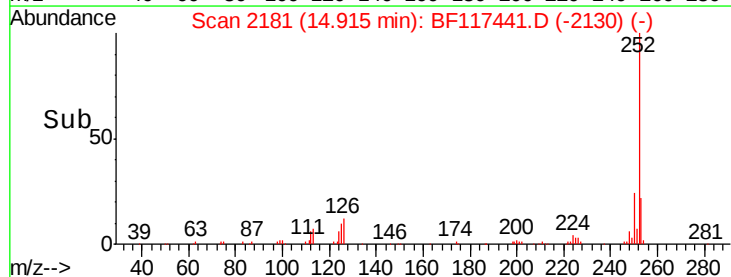
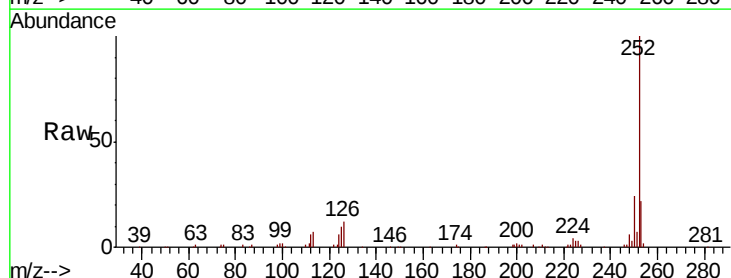
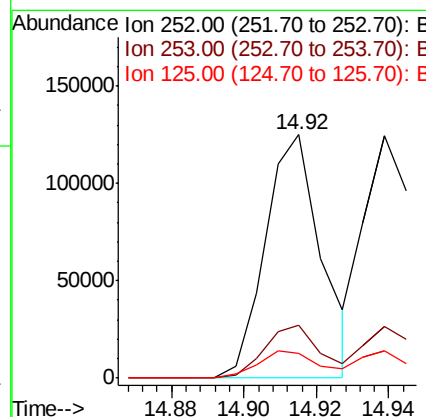
RT: 14.92 min Scan# 2181

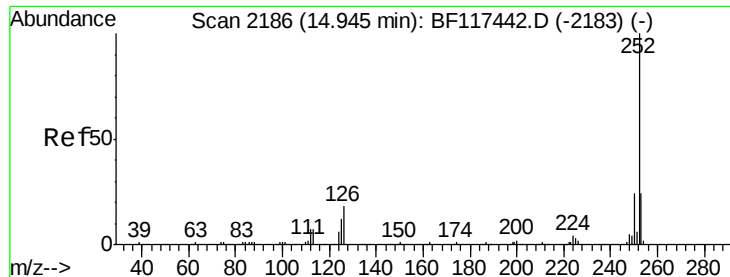
Delta R.T. -0.00 min

Lab File: BF117441.D

Acq: 18 Oct 2019 15:40

Tgt Ion:	252	Resp:	134572
Ion Ratio	Lower	Upper	
252	100		
253	21.7	17.8	26.6
125	10.3	9.9	14.9





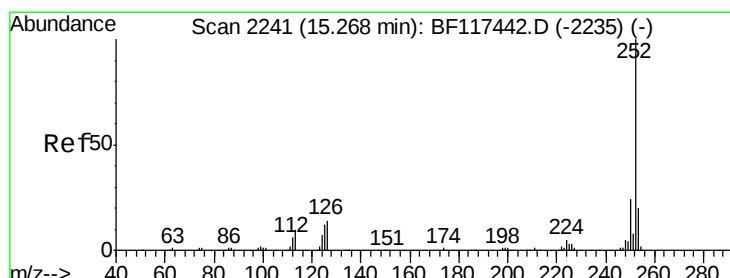
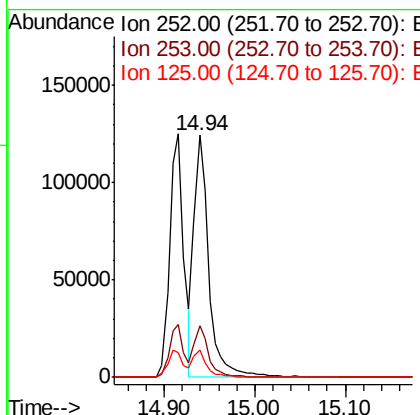
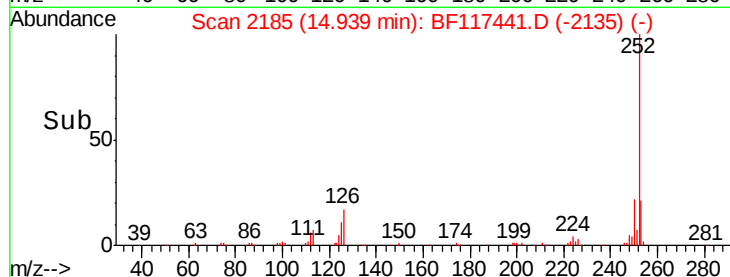
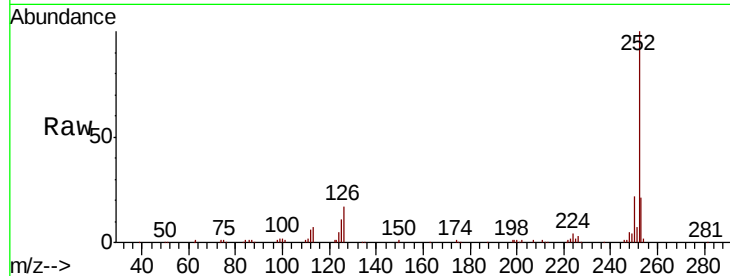
#89
Benzo(k)fluoranthene
Concen: 20.671 ng
RT: 14.94 min Scan# 2185
Delta R.T. -0.01 min
Lab File: BF117441.D
Acq: 18 Oct 2019 15:40

Instrument :
BNA_F
ClientSampleId :
SSTDIC020

Tot Ion	Ratio	Lower	Upper
252	100		
253	21.2	18.0	27.0
125	11.2	8.9	13.3

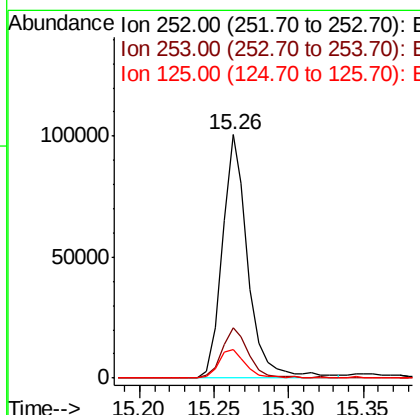
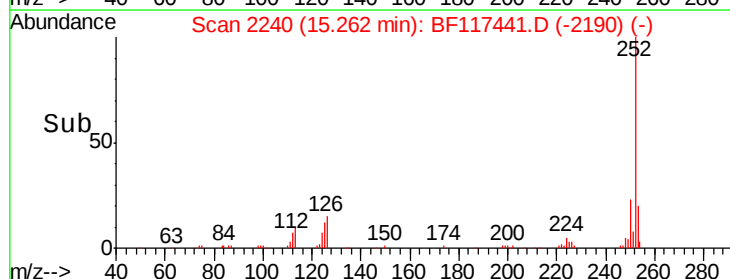
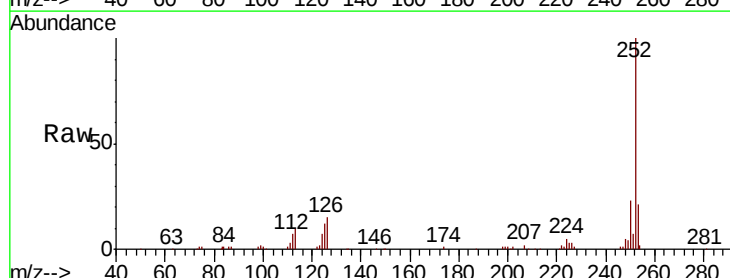
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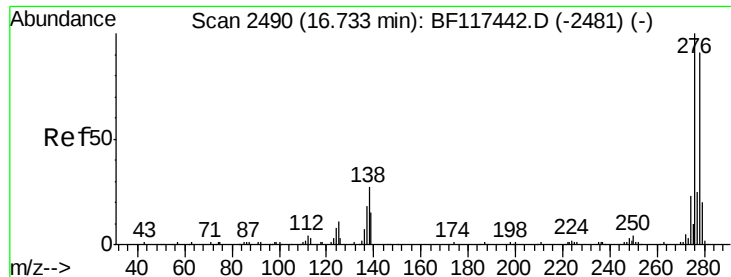
mohammad
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#90
Benzo(a)pyrene
Concen: 20.016 ng
RT: 15.26 min Scan# 2240
Delta R.T. -0.01 min
Lab File: BF117441.D
Acq: 18 Oct 2019 15:40

Tgt Ion	Ratio	Lower	Upper
252	100		
253	20.7	16.3	24.5
125	11.9	9.2	13.8





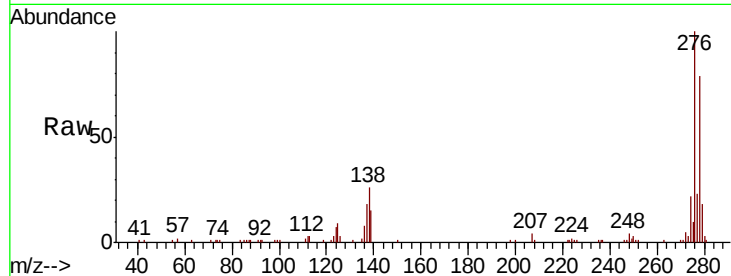
#91
Dibenzo(a,h)anthracene
Concen: 18.362 ng
RT: 16.73 min Scan# 2489
Delta R.T. -0.01 min
Lab File: BF117441.D
Acq: 18 Oct 2019 15:40

Instrument :
BNA_F
ClientSampleId :
SSTDIC020

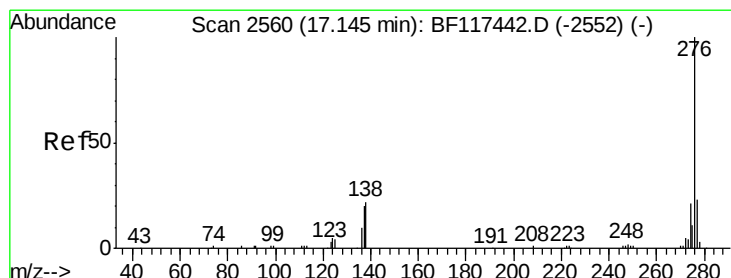
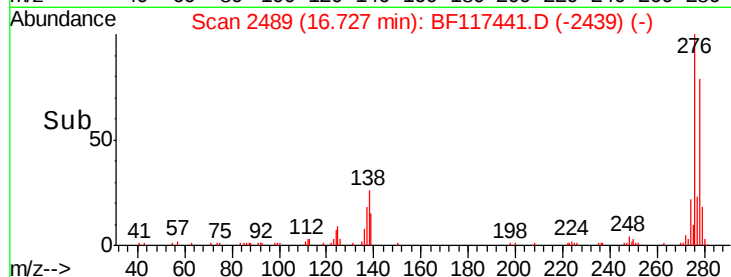
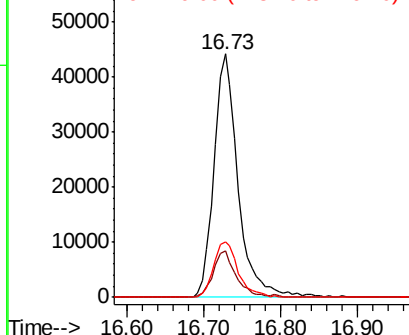
Tot Ion	Ratio	Lower	Upper
278	100		
139	19.3	13.4	20.0
279	22.7	17.8	26.6

Manual Integrations
APPROVED

mohammad
10/20/2019 8:04:30 PM



Abundance Ion 278.00 (277.70 to 278.70): E
Ion 139.00 (138.70 to 139.70): E
Ion 279.00 (278.70 to 279.70): E



#92
Benzo(g,h,i)perylene
Concen: 17.781 ng
RT: 17.14 min Scan# 2560
Delta R.T. -0.00 min
Lab File: BF117441.D
Acq: 18 Oct 2019 15:40

Tgt Ion	Ratio	Lower	Upper
276	100		
277	22.0	18.4	27.6
138	23.7	17.8	26.6

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

