

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF010320\
 Data File : BF118456.D
 Acq On : 3 Jan 2020 12:45
 Operator : JU
 Sample : PB125821BS
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB125821BS

Manual Integrations
 APPROVED

mohammad
 1/6/2020 11:43:48 AM

Quant Time: Jan 04 00:18:41 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF122419.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Dec 24 15:58:52 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.85	152	70418	20.00	ng	0.00
21) Naphthalene-d8	8.13	136	275502	20.00	ng	0.00
39) Acenaphthene-d10	9.90	164	135620	20.00	ng	0.00
64) Phenanthrene-d10	11.39	188	268417	20.00	ng	0.00
76) Chrysene-d12	14.05	240	236356	20.00	ng	0.00
87) Perylene-d12	15.53	264	181674	20.00	ng	0.00

System Monitoring Compounds						
5) 2-Fluorophenol	5.47	112	482964	117.07	ng	0.01
7) Phenol-d6	6.49	99	610200	119.24	ng	0.00
23) Nitrobenzene-d5	7.42	82	389022	80.76	ng	0.00
42) 2,4,6-Tribromophenol	10.70	330	204705	122.23	ng	0.00
45) 2-Fluorobiphenyl	9.22	172	797956	89.81	ng	0.00
79) Terphenyl-d14	12.98	244	989882	69.48	ng	0.00

Target Compounds				Qvalue		
2) 1,4-Dioxane	2.67	88	51548	31.433	ng	# 92
3) Pyridine	3.43	79	138810	31.770	ng	# 95
4) n-Nitrosodimethylamine	3.38	42	80688	44.666	ng	# 72
6) Aniline	6.51	93	166481	25.619	ng	# 41
8) 2-Chlorophenol	6.64	128	179187	38.352	ng	97
9) Benzaldehyde	6.40	77	37020	12.339	ng	90
10) Phenol	6.50	94	214450	37.283	ng	79
11) bis(2-Chloroethyl)ether	6.59	93	152029	36.958	ng	99
12) 1,3-Dichlorobenzene	6.79	146	192741	35.820	ng	96
13) 1,4-Dichlorobenzene	6.86	146	200553	36.694	ng	98
14) 1,2-Dichlorobenzene	7.02	146	189462	36.717	ng	98
15) Benzyl Alcohol	7.00	79	160439	41.176	ng	93
16) 2,2'-oxybis(1-Chloropropan	7.12	45	159695	36.381	ng	66
17) 2-Methylphenol	7.11	107	140365	37.457	ng	# 93
18) Hexachloroethane	7.36	117	73917	36.850	ng	99
19) n-Nitroso-di-n-propylamine	7.26	70	123126	39.056	ng	90
20) 3+4-Methylphenols	7.26	107	189230	39.455	ng	90
22) Acetophenone	7.26	105	260073	38.516	ng	# 90
24) Nitrobenzene	7.43	77	190993	39.582	ng	94
25) Isophorone	7.67	82	322006	38.358	ng	98
26) 2-Nitrophenol	7.75	139	97654	38.209	ng	# 86
27) 2,4-Dimethylphenol	7.79	122	150508	43.162	ng	97
28) bis(2-Chloroethoxy)methane	7.88	93	194778	35.477	ng	99
29) 2,4-Dichlorophenol	8.00	162	150143	37.409	ng	97
30) 1,2,4-Trichlorobenzene	8.07	180	168710	36.085	ng	98
31) Naphthalene	8.16	128	531166	37.933	ng	99
32) Benzoic acid	7.94	122	89022	32.333	ng	95
33) 4-Chloroaniline	8.21	127	103956	17.318	ng	99
34) Hexachlorobutadiene	8.27	225	100699	36.182	ng	99
35) Caprolactam	8.59	113	44359m	35.401	ng	
36) 4-Chloro-3-methylphenol	8.70	107	166430	38.622	ng	93
37) 2-Methylnaphthalene	8.85	142	370145	38.608	ng	98
38) 1-Methylnaphthalene	8.95	142	351551	38.921	ng	99
40) 1,2,4,5-Tetrachlorobenzene	9.02	216	163772	40.191	ng	98

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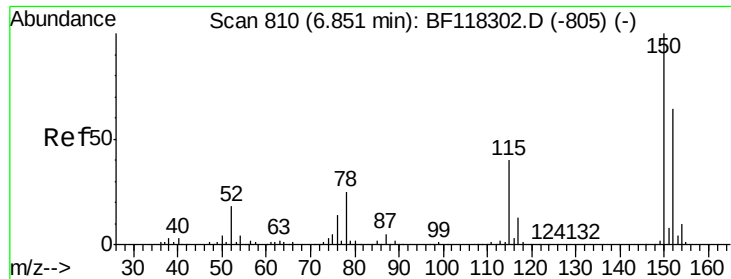
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 1/6/2020 11:43:48 AM

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 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF122419.M
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	9.00	237	97270	59.321	nq	97
43) 2,4,6-Trichlorophenol	9.14	196	103932	38.179	nq	99
44) 2,4,5-Trichlorophenol	9.19	196	110354	39.407	nq	97
46) 1,1'-Biphenyl	9.32	154	444551	41.443	nq	99
47) 2-Chloronaphthalene	9.35	162	346376	40.121	nq	98
48) 2-Nitroaniline	9.45	65	98991	40.595	nq	94
49) Acenaphthylene	9.76	152	545219	42.582	nq	99
50) Dimethylphthalate	9.62	163	407797	40.058	nq	100
51) 2,6-Dinitrotoluene	9.69	165	89792	40.912	nq	91
52) Acenaphthene	9.93	154	315828	40.496	nq	99
53) 3-Nitroaniline	9.86	138	63404	24.613	nq	93
54) 2,4-Dinitrophenol	9.98	184	73441	67.249	nq	93
55) Dibenzofuran	10.10	168	489377	42.467	nq	95
56) 4-Nitrophenol	10.04	139	94182	59.224	nq	94
57) 2,4-Dinitrotoluene	10.10	165	125355	42.744	nq	# 74
58) Fluorene	10.45	166	390862	42.016	nq	98
59) 2,3,4,6-Tetrachlorophenol	10.23	232	99390	41.771	nq	98
60) Diethylphthalate	10.32	149	430612	42.757	nq	97
61) 4-Chlorophenyl-phenylether	10.44	204	194005	41.776	nq	96
62) 4-Nitroaniline	10.48	138	82924	30.987	nq	87
63) Azobenzene	10.60	77	381850	44.264	nq	91
65) 4,6-Dinitro-2-methylphenol	10.52	198	56594	39.084	nq	91
66) n-Nitrosodiphenylamine	10.56	169	341124	39.653	nq	98
67) 4-Bromophenyl-phenylether	10.93	248	117967	37.554	nq	91
68) Hexachlorobenzene	11.00	284	136849	37.011	nq	99
69) Atrazine	11.09	200	103015	38.799	nq	98
70) Pentachlorophenol	11.20	266	166690	104.095	nq	99
71) Phenanthrene	11.42	178	581026	39.707	nq	99
72) Anthracene	11.47	178	598261	40.847	nq	98
73) Carbazole	11.63	167	501776	38.609	nq	99
74) Di-n-butylphthalate	11.95	149	697832	42.347	nq	99
75) Fluoranthene	12.62	202	598511	40.529	nq	100
77) Benzidine	12.73	184	124906	19.287	nq	98
78) Pyrene	12.85	202	613790	31.801	nq	100
80) Butylbenzylphthalate	13.45	149	327873	37.728	nq	94
81) Benzo(a)anthracene	14.04	228	570866	34.506	nq	98
82) 3,3'-Dichlorobenzidine	14.00	252	125829	22.432	nq	97
83) Chrysene	14.07	228	541359	34.174	nq	100
84) Bis(2-ethylhexyl)phthalate	14.01	149	460950	40.337	nq	99
85) Di-n-octyl phthalate	14.62	149	757779	45.081	nq	99
86) Indeno(1,2,3-cd)pyrene	17.05	276	432233	32.022	nq	99
88) Benzo(b)fluoranthene	15.10	252	462359	38.340	nq	99
89) Benzo(k)fluoranthene	15.13	252	492715	42.552	nq	98
90) Benzo(a)pyrene	15.47	252	443201	41.719	nq	98
91) Dibenzo(a,h)anthracene	17.06	278	364205	39.506	nq	98
92) Benzo(g,h,i)perylene	17.50	276	358850	40.296	nq	99

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



#1

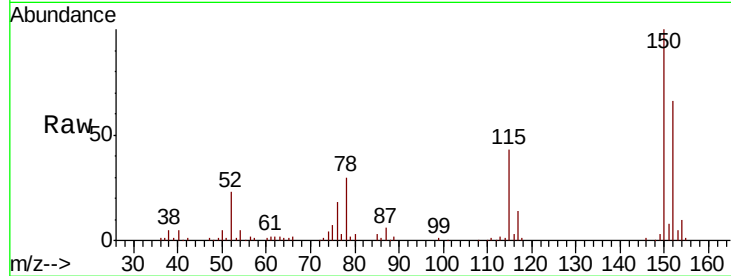
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.85 min Scan# 809
Delta R.T. -0.01 min
Lab File: BF118456.D
Acq: 3 Jan 2020 12:45

Instrument :
BNA_F
ClientSampleId :
PB125821BS

Tot Ion	Ratio	Lower	Upper
152	100		
150	151.3	125.4	188.2
115	64.5	50.2	75.4

Manual Integrations
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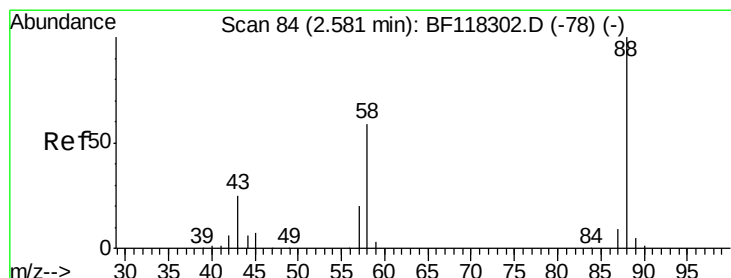
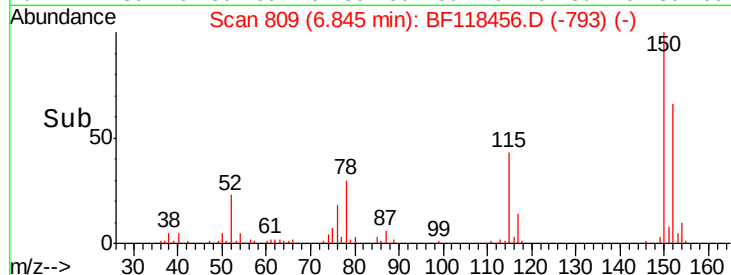
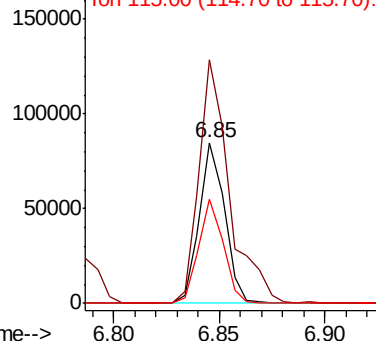


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

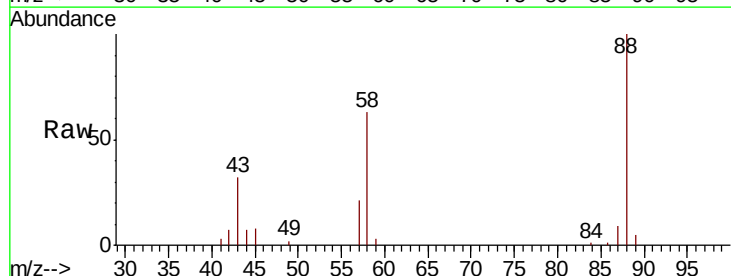
Ion 115.00 (114.70 to 115.70): E



#2

1,4-Dioxane
Concen: 31.433 ng
RT: 2.67 min Scan# 99
Delta R.T. 0.09 min
Lab File: BF118456.D
Acq: 3 Jan 2020 12:45

Tgt Ion	Ratio	Lower	Upper
88	100		
58	63.8	47.6	71.4
43	32.1	20.6	30.8

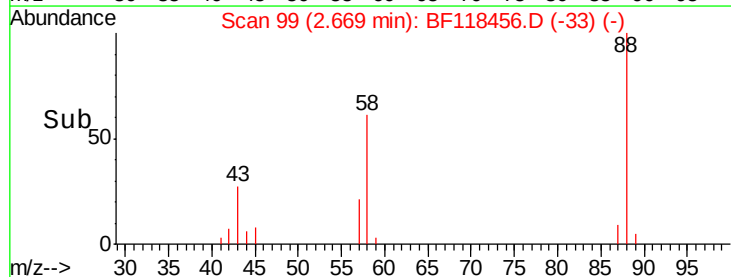
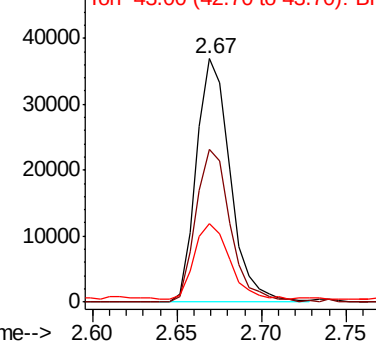


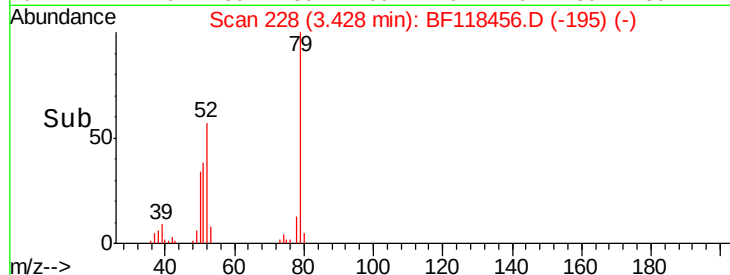
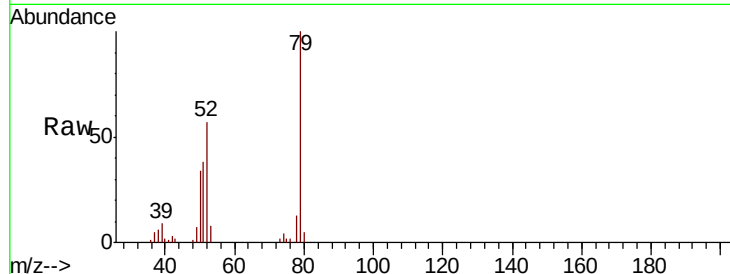
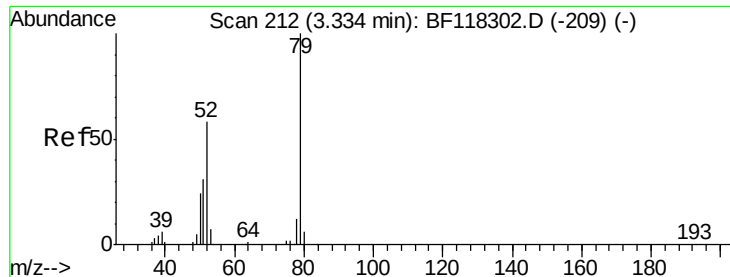
Abundance

Ion 88.00 (87.70 to 88.70): BF1

Ion 58.00 (57.70 to 58.70): BF1

Ion 43.00 (42.70 to 43.70): BF1





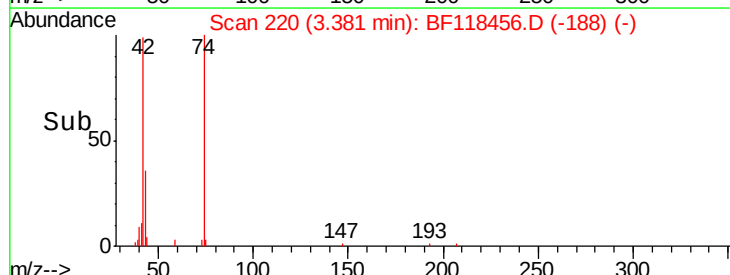
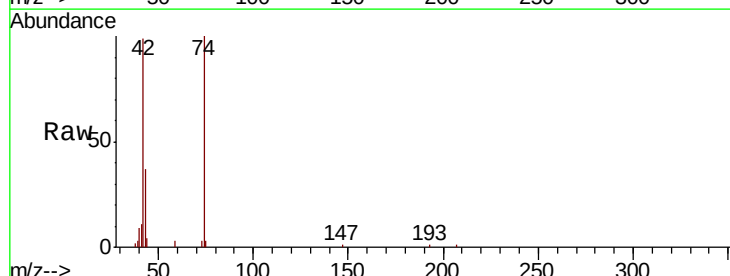
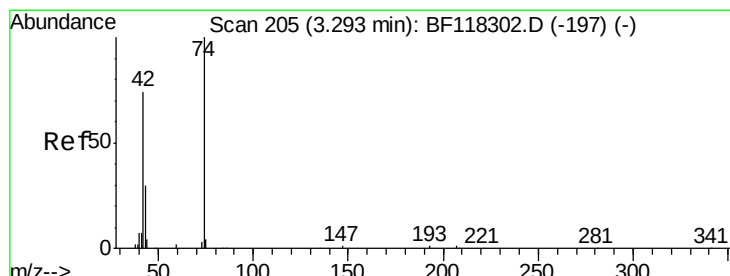
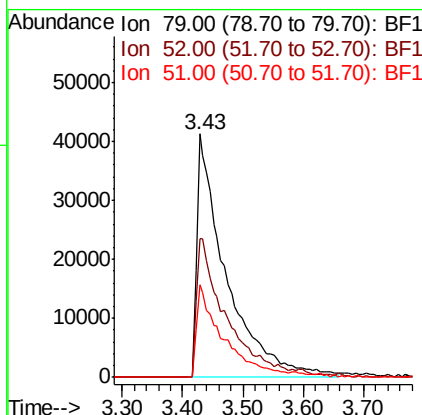
#3
 Pvridine
 Concen: 31.770 ng
 RT: 3.43 min Scan# 228
 Delta R.T. 0.09 min
 Lab File: BF118456.D
 Acq: 3 Jan 2020 12:45

Tot Ion	79	Resp	138810
Ion Ratio	Lower	Upper	
79	100		
52	57.1	46.4	69.6
51	38.2	24.9	37.3#

Instrument :
 BNA_F
 ClientSampleId :
 PB125821BS

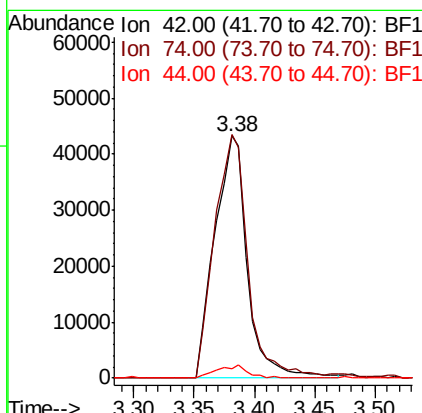
Manual Integrations
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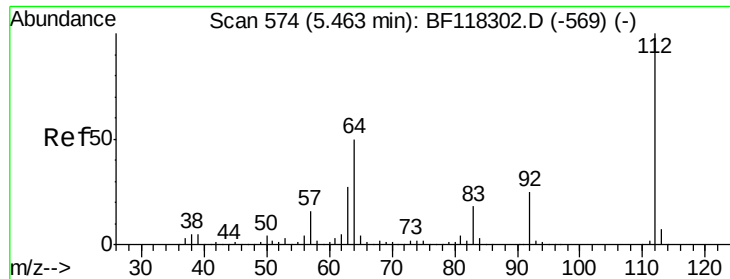
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#4
 n-Nitrosodimethylamine
 Concen: 44.666 ng
 RT: 3.38 min Scan# 220
 Delta R.T. 0.09 min
 Lab File: BF118456.D
 Acq: 3 Jan 2020 12:45

Tgt Ion	42	Resp	80688
Ion Ratio	Lower	Upper	
42	100		
74	100.7	107.7	161.5#
44	4.1	4.8	7.2#





#5

2-Fluorophenol

Concen: 117.074 ng

RT: 5.47 min Scan# 576

Delta R.T. 0.01 min

Lab File: BF118456.D

Acq: 3 Jan 2020 12:45

Instrument :

BNA_F

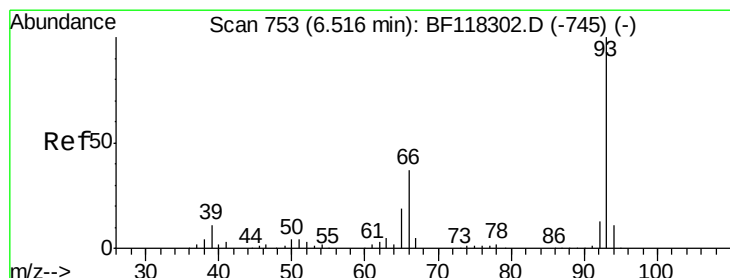
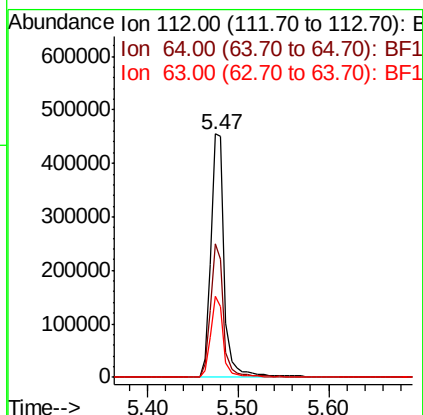
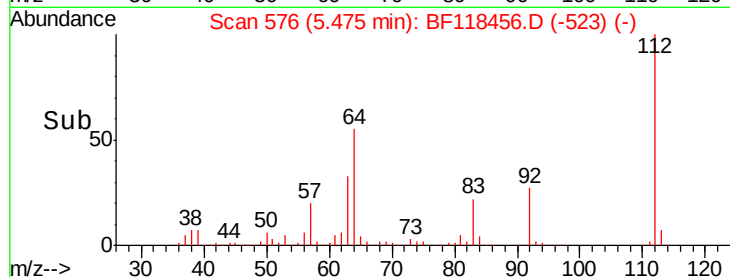
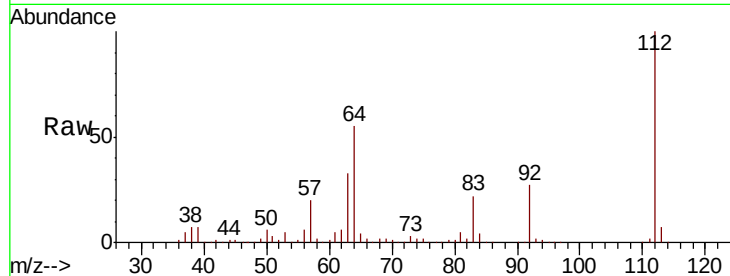
ClientSampleId :

PB125821BS

Tot Ion:	112	Resp:	482964
Ion Ratio	Lower	Upper	
112	100		
64	54.7	39.7	59.5
63	33.4	21.7	32.5#

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#6

Aniline

Concen: 25.619 ng

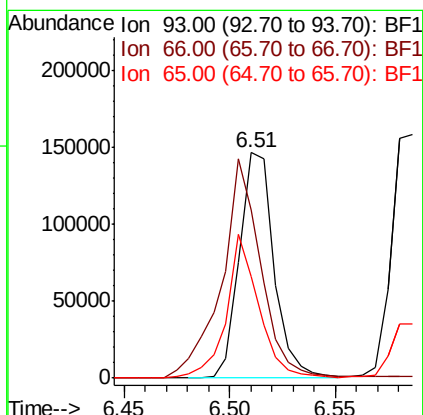
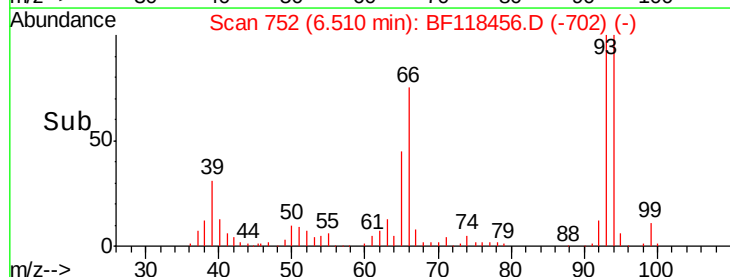
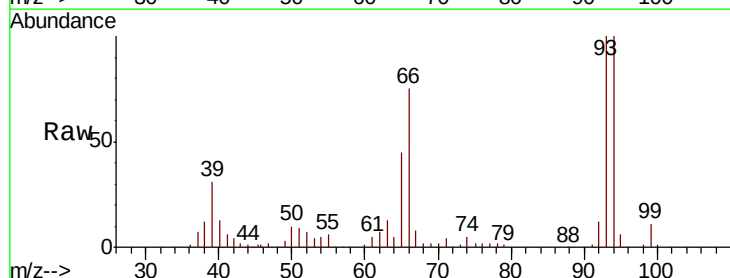
RT: 6.51 min Scan# 752

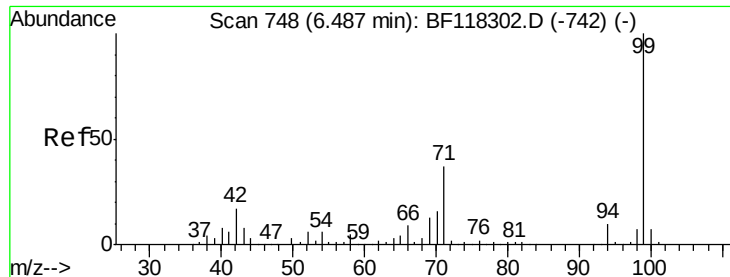
Delta R.T. -0.01 min

Lab File: BF118456.D

Acq: 3 Jan 2020 12:45

Tgt Ion:	93	Resp:	166481
Ion Ratio	Lower	Upper	
93	100		
66	74.6	30.2	45.4#
65	45.2	15.7	23.5#





#7

Phenol-d6

Concen: 119.238 ng

RT: 6.49 min Scan# 749

Delta R.T. 0.01 min

Lab File: BF118456.D

Acq: 3 Jan 2020 12:45

Instrument :

BNA_F

ClientSampleId :

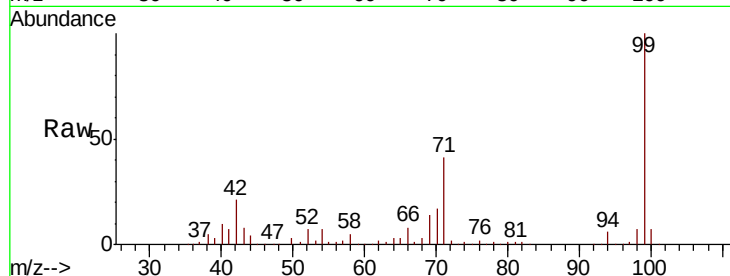
PB125821BS

Tot Ion: 99 Resp: 610200

Ion	Ratio	Lower	Upper
99	100		
42	20.6	13.5	20.3#
71	40.6	29.4	44.2

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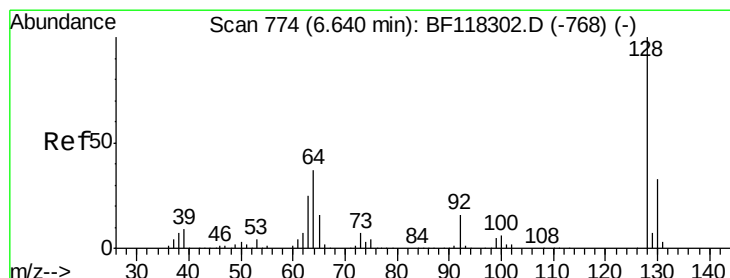
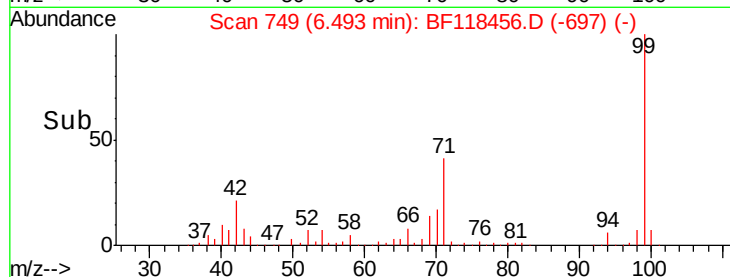
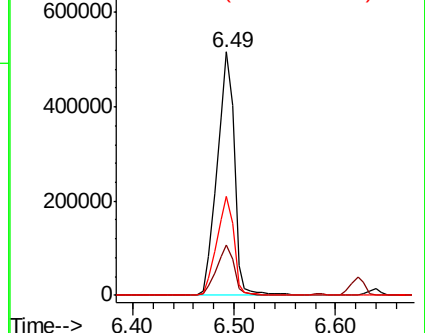
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Abundance Ion 99.00 (98.70 to 99.70): BF1

Ion 42.00 (41.70 to 42.70): BF1

Ion 71.00 (70.70 to 71.70): BF1



#8

2-Chlorophenol

Concen: 38.352 ng

RT: 6.64 min Scan# 774

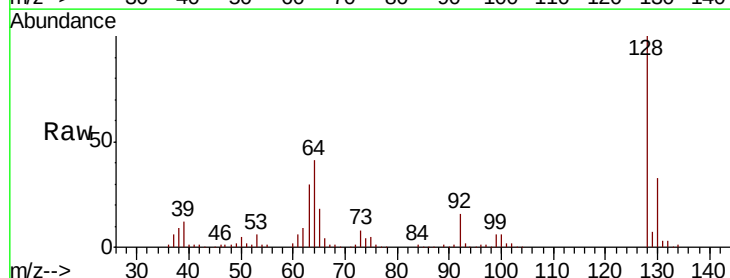
Delta R.T. 0.00 min

Lab File: BF118456.D

Acq: 3 Jan 2020 12:45

Tgt Ion: 128 Resp: 179187

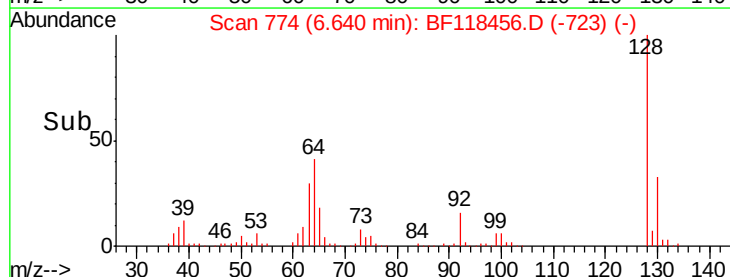
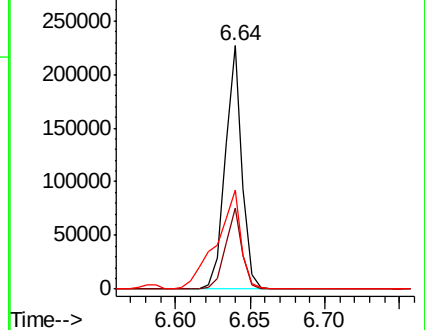
Ion	Ratio	Lower	Upper
128	100		
130	33.3	13.2	53.2
64	40.8	17.7	57.7

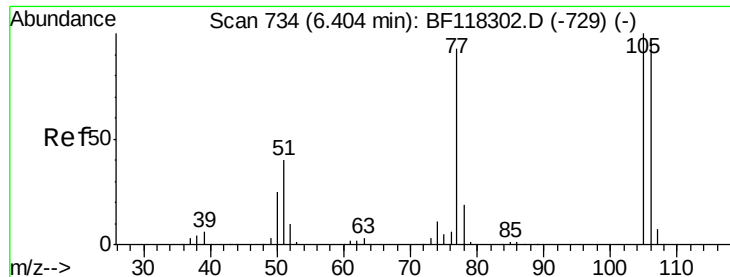


Abundance Ion 128.00 (127.70 to 128.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 64.00 (63.70 to 64.70): BF1





#9

Benzaldehyde

Concen: 12.339 ng

RT: 6.40 min Scan# 733

Delta R.T. -0.01 min

Lab File: BF118456.D

Acq: 3 Jan 2020 12:45

Instrument :

BNA_F

ClientSampleId :

PB125821BS

Tot Ion: 77 Resp: 37020

Ion Ratio Lower Upper

77 100

105 99.8 87.5 127.5

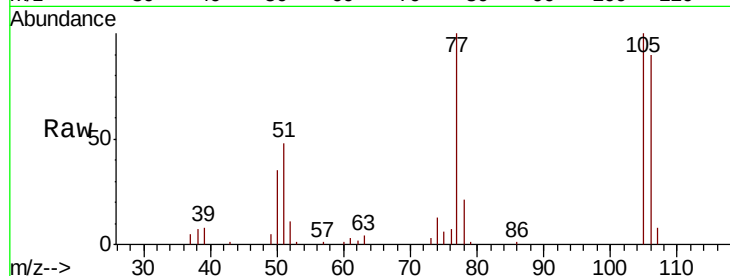
106 90.4 83.6 123.6

Manual Integrations

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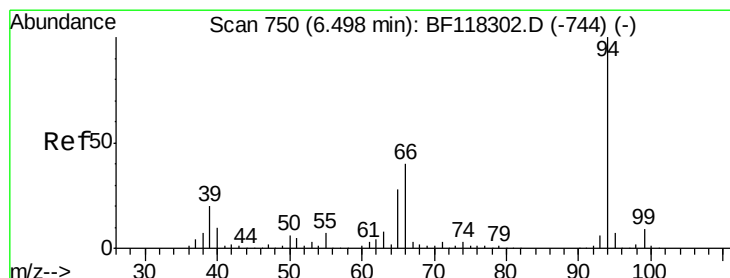
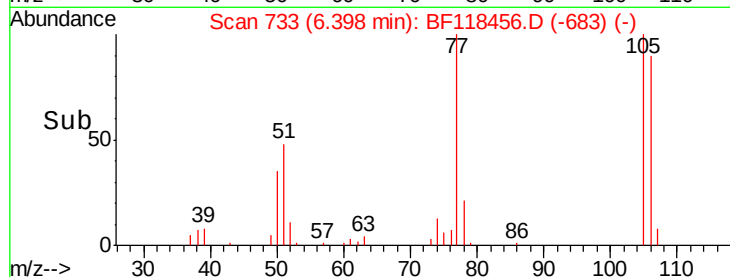
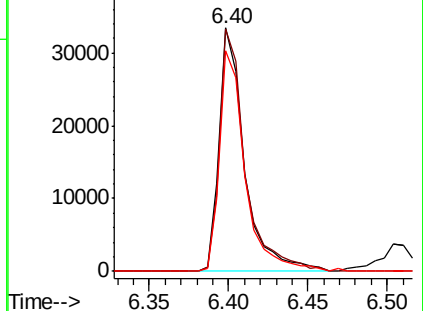
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Abundance Ion 77.00 (76.70 to 77.70): BF1

Ion 105.00 (104.70 to 105.70): BF1

Ion 106.00 (105.70 to 106.70): BF1



#10

Phenol

Concen: 37.283 ng

RT: 6.50 min Scan# 751

Delta R.T. 0.01 min

Lab File: BF118456.D

Acq: 3 Jan 2020 12:45

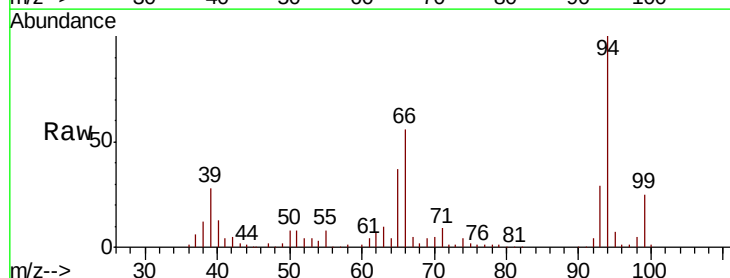
Tgt Ion: 94 Resp: 214450

Ion Ratio Lower Upper

94 100

65 36.6 7.8 47.8

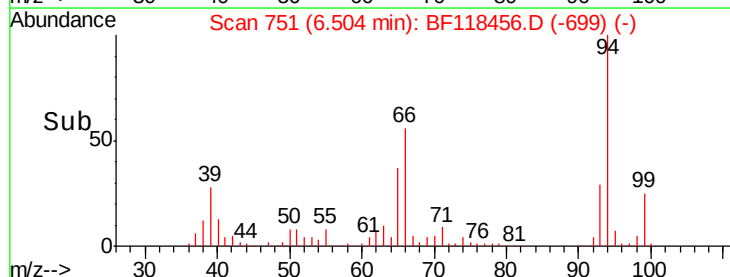
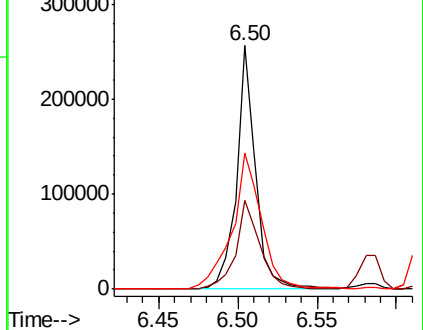
66 55.7 20.4 60.4

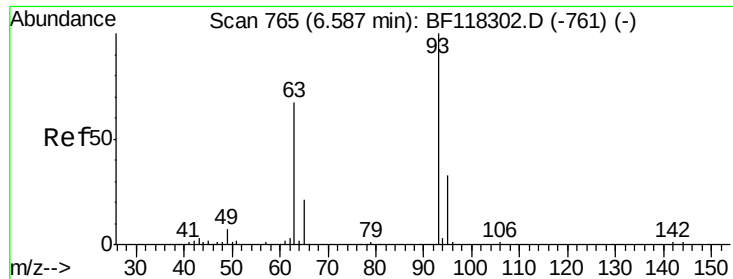


Abundance Ion 94.00 (93.70 to 94.70): BF1

Ion 65.00 (64.70 to 65.70): BF1

Ion 66.00 (65.70 to 66.70): BF1





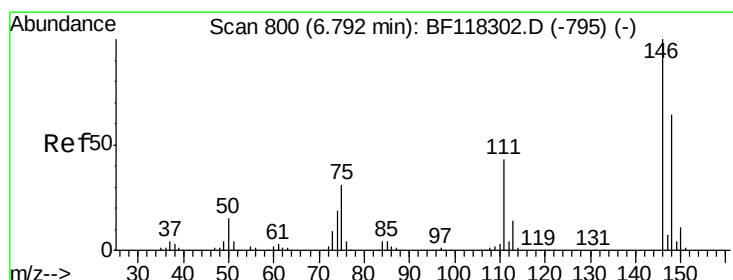
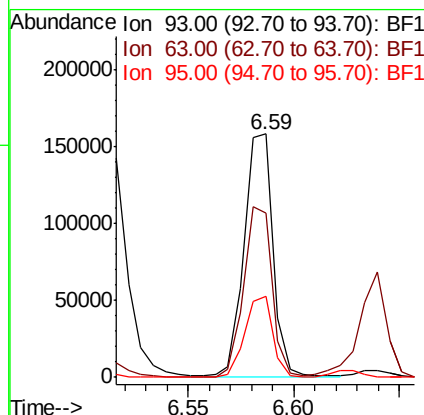
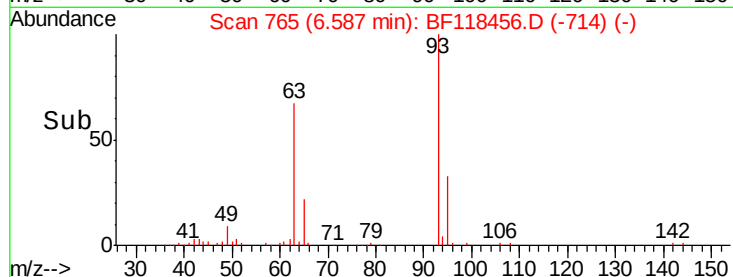
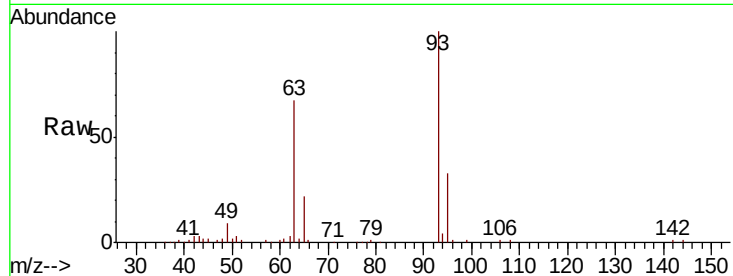
#11
bis(2-Chloroethyl)ether
Concen: 36.958 ng
RT: 6.59 min Scan# 765
Delta R.T. 0.00 min
Lab File: BF118456.D
Acq: 3 Jan 2020 12:45

Instrument :
BNA_F
ClientSampleId :
PB125821BS

Tot Ion:	93	Resp:	152029
Ion	Ratio	Lower	Upper
93	100		
63	67.5	47.0	87.0
95	33.1	12.8	52.8

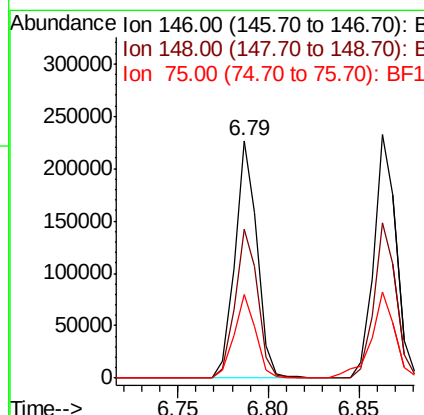
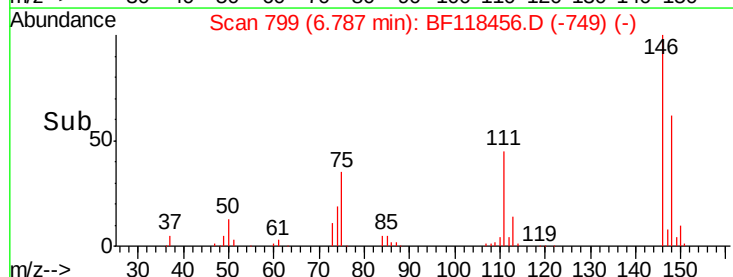
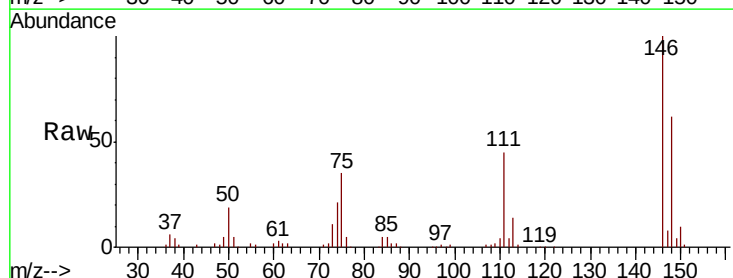
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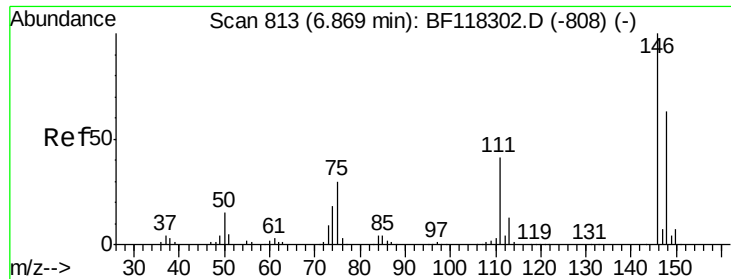
mohammad
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#12
1,3-Dichlorobenzene
Concen: 35.820 ng
RT: 6.79 min Scan# 799
Delta R.T. -0.01 min
Lab File: BF118456.D
Acq: 3 Jan 2020 12:45

Tgt Ion:	146	Resp:	192741
Ion	Ratio	Lower	Upper
146	100		
148	62.4	51.4	77.0
75	35.1	24.4	36.6





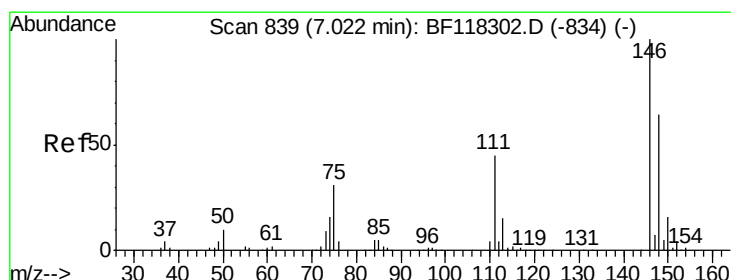
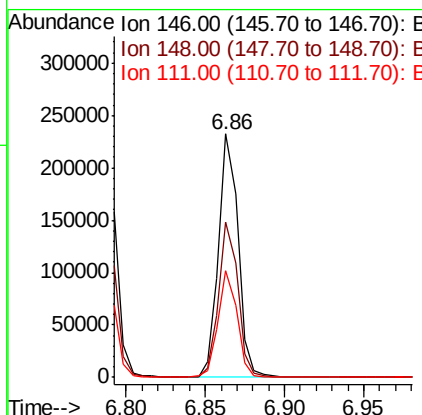
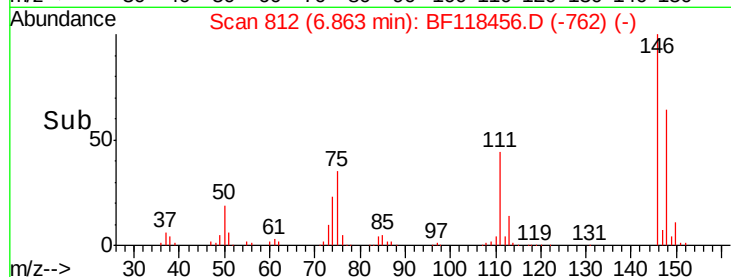
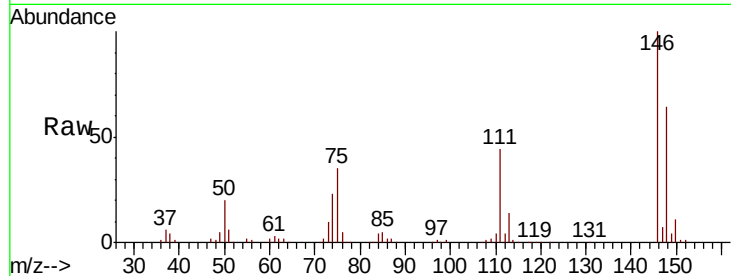
#13
 1,4-Dichlorobenzene
 Concen: 36.694 ng
 RT: 6.86 min Scan# 812
 Delta R.T. -0.01 min
 Lab File: BF118456.D
 Acq: 3 Jan 2020 12:45

Instrument :
 BNA_F
 ClientSampleId :
 PB125821BS

Tot Ion	Ratio	Lower	Upper
146	100		
148	63.7	50.3	75.5
111	43.8	32.8	49.2

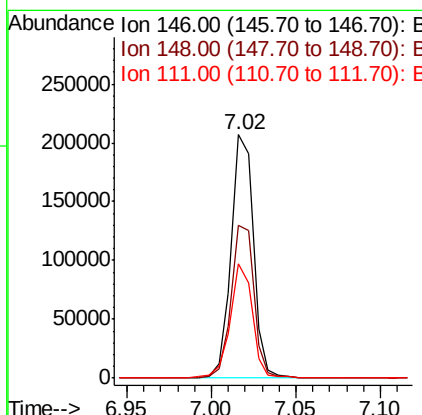
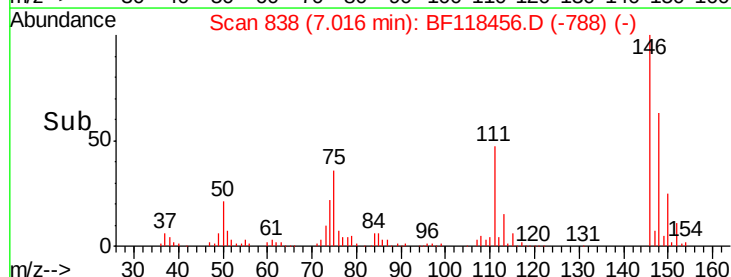
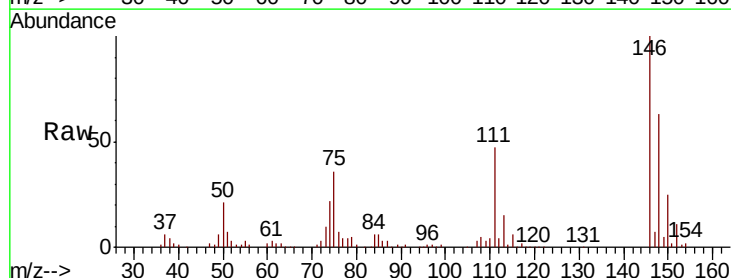
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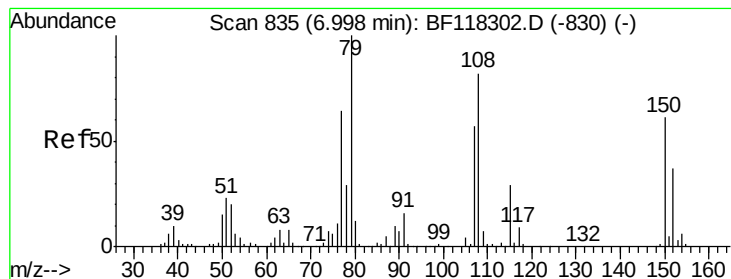
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#14
 1,2-Dichlorobenzene
 Concen: 36.717 ng
 RT: 7.02 min Scan# 838
 Delta R.T. -0.01 min
 Lab File: BF118456.D
 Acq: 3 Jan 2020 12:45

Tgt Ion	Ratio	Lower	Upper
146	100		
148	63.0	51.3	76.9
111	47.1	35.7	53.5





#15

Benzyl Alcohol

Concen: 41.176 ng

RT: 7.00 min Scan# 835

Delta R.T. 0.00 min

Lab File: BF118456.D

Acq: 3 Jan 2020 12:45

Instrument :

BNA_F

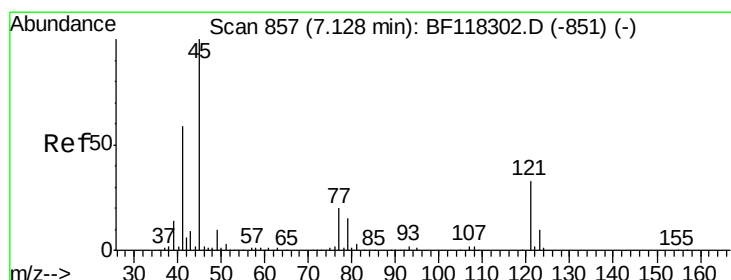
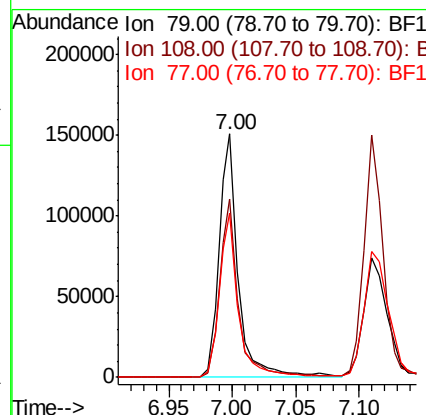
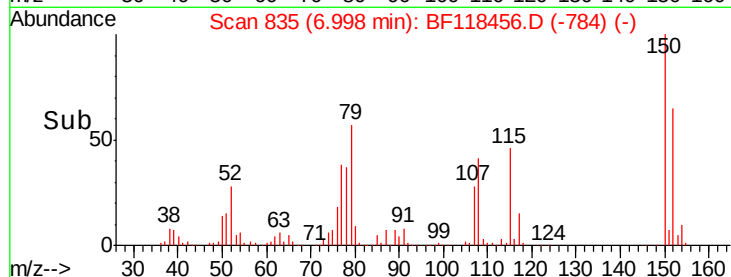
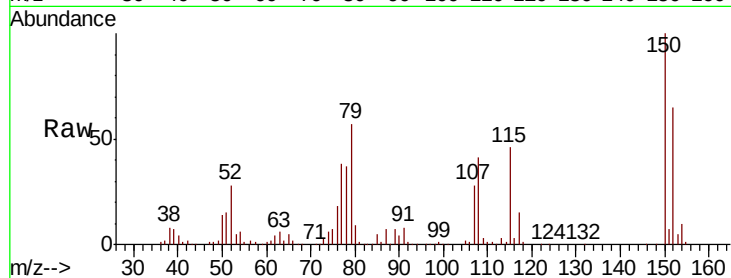
ClientSampleID :

PB125821BS

Tot Ion:	79	Resp:	160439
Ion Ratio	Lower	Upper	
79	100		
108	73.1	65.4	98.0
77	67.6	51.4	77.0

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#16

2,2'-oxybis(1-Chloropropane)

Concen: 36.381 ng

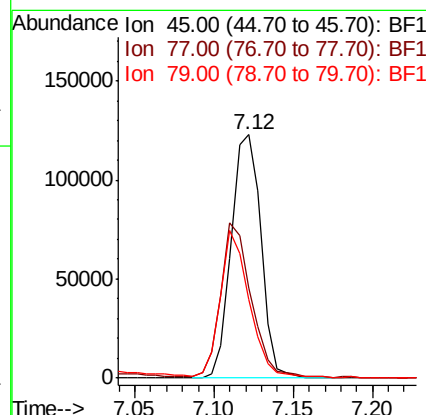
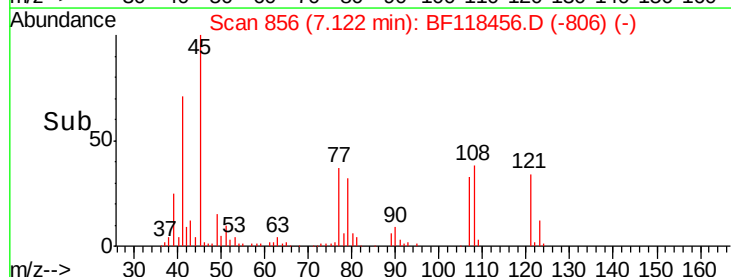
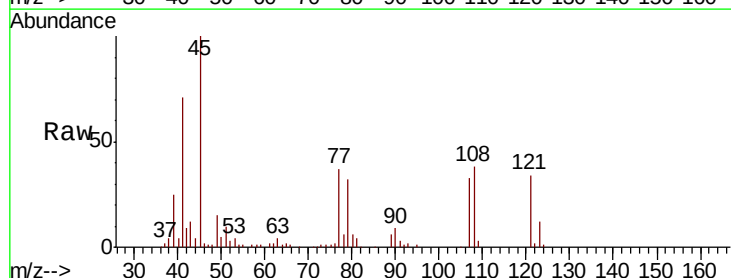
RT: 7.12 min Scan# 856

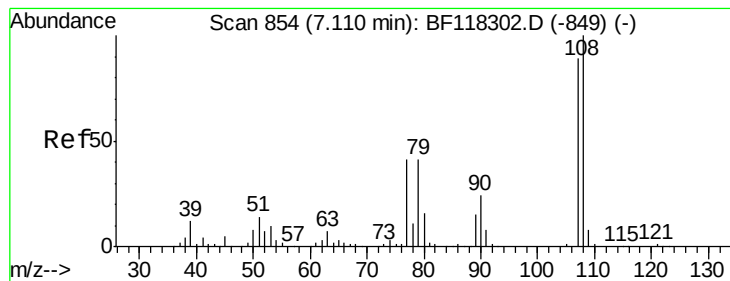
Delta R.T. -0.01 min

Lab File: BF118456.D

Acq: 3 Jan 2020 12:45

Tgt Ion:	45	Resp:	159695
Ion Ratio	Lower	Upper	
45	100		
77	36.8	1.2	41.2
79	32.2	0.0	37.0





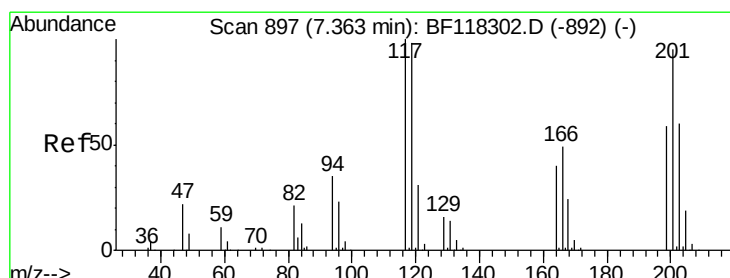
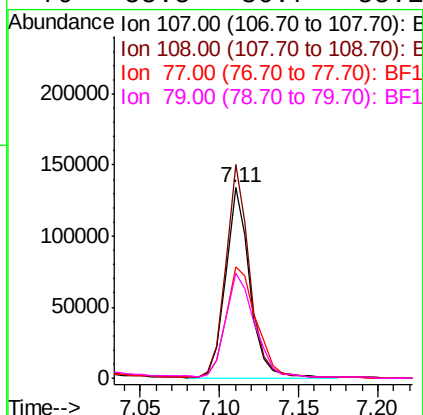
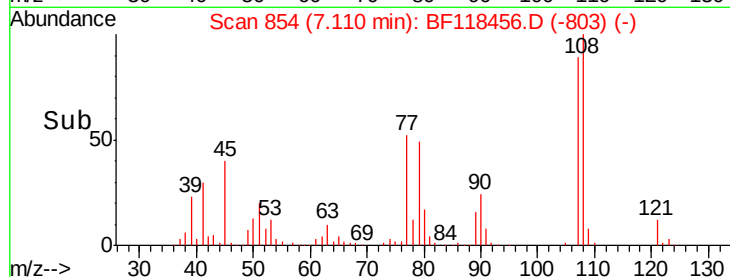
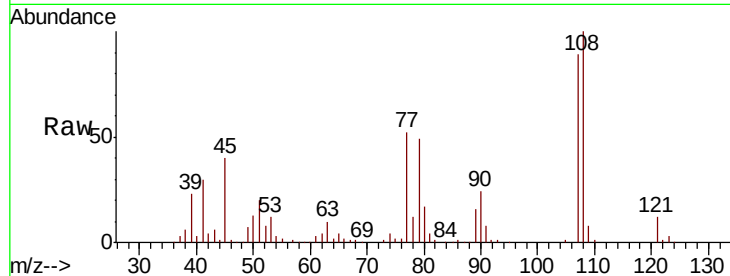
#17
2-Methylphenol
Concen: 37.457 ng
RT: 7.11 min Scan# 854
Delta R.T. 0.00 min
Lab File: BF118456.D
Acq: 3 Jan 2020 12:45

Instrument :
BNA_F
ClientSampleID :
PB125821BS

Tot Ion	Ratio	Resp	Lower	Upper
107	100			
108	112.3	89.7	134.5	
77	58.4	37.2	55.8#	
79	55.5	36.7	55.1#	

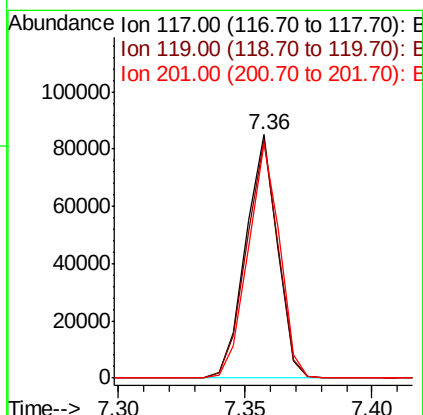
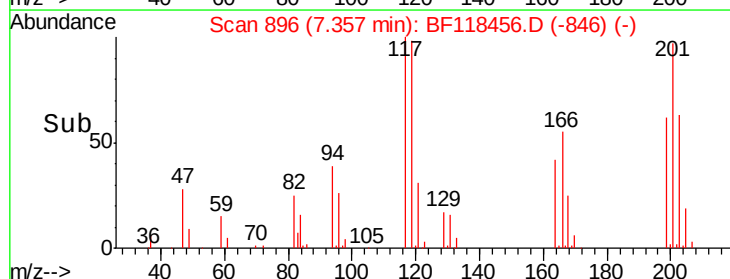
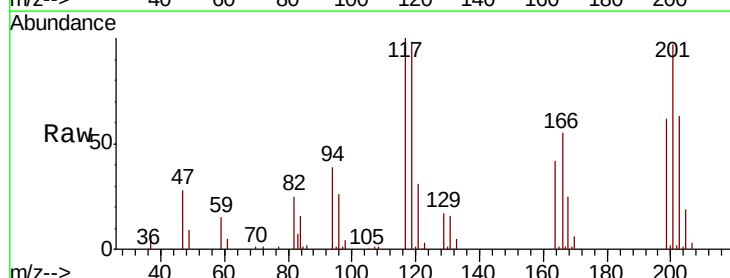
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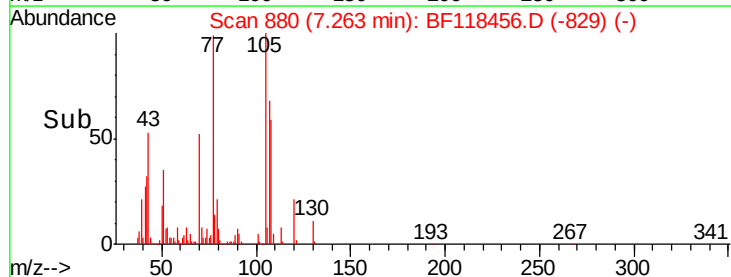
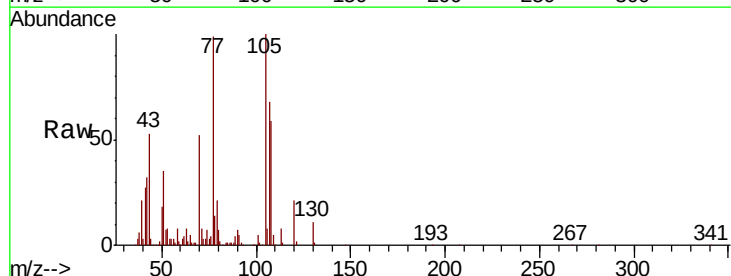
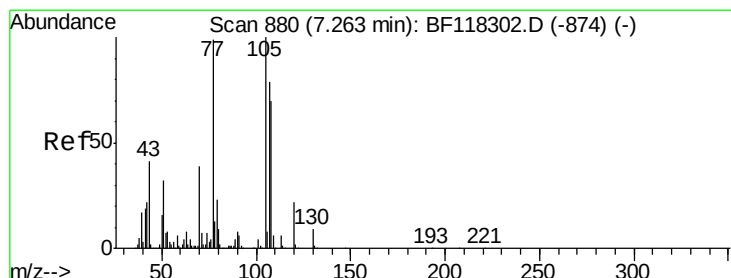
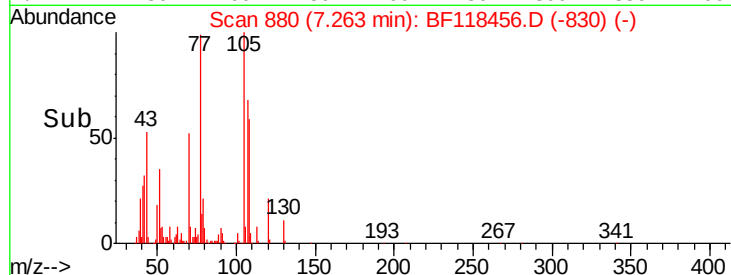
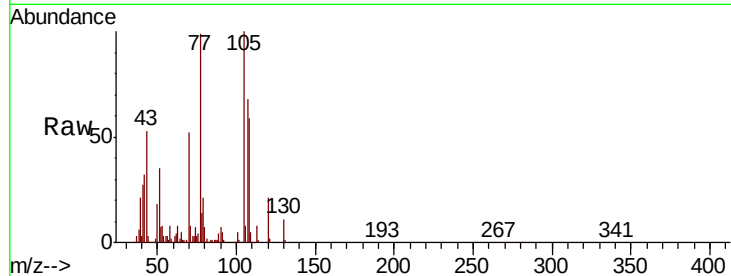
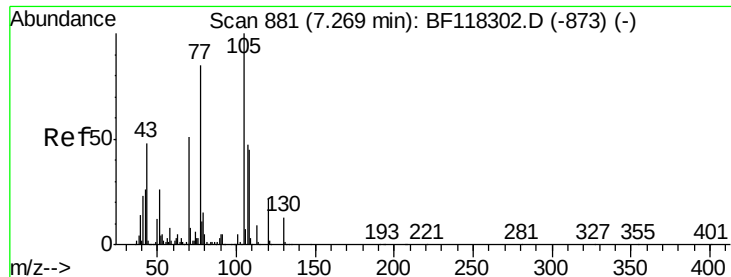
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#18
Hexachloroethane
Concen: 36.850 ng
RT: 7.36 min Scan# 896
Delta R.T. -0.01 min
Lab File: BF118456.D
Acq: 3 Jan 2020 12:45

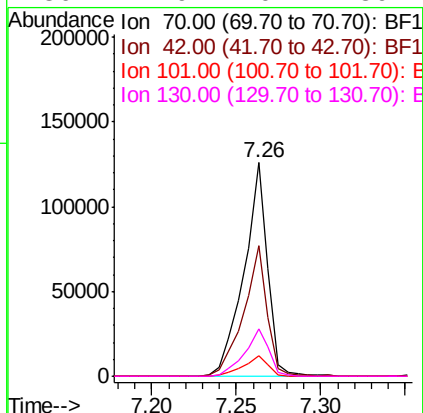
Tgt Ion	Ratio	Resp	Lower	Upper
117	100			
119	97.8	78.0	117.0	
201	96.6	76.2	114.2	





#19
n-Nitroso-di-n-propylamine
Concen: 39.056 ng
RT: 7.26 min Scan# 880
Delta R.T. -0.01 min
Lab File: BF118456.D
Acq: 3 Jan 2020 12:45

Tot Ion	Ratio	Resp	Lower	Upper
70	100			
42	61.2		41.1	61.7
101	9.4		8.3	12.5
130	21.9		20.1	30.1



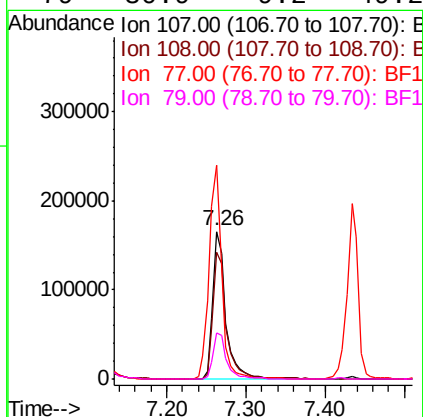
Instrument :
BNA_F
ClientSampleId :
PB125821BS

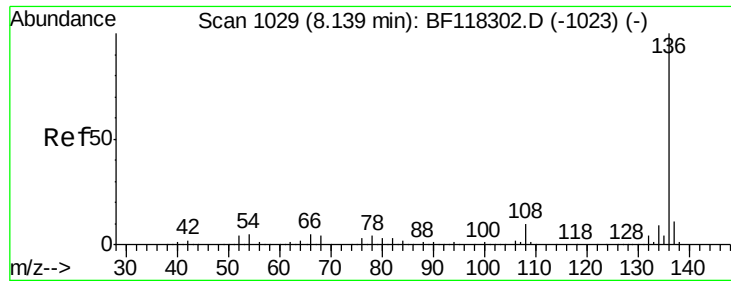
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#20
3+4-Methylphenols
Concen: 39.455 ng
RT: 7.26 min Scan# 880
Delta R.T. 0.00 min
Lab File: BF118456.D
Acq: 3 Jan 2020 12:45

Tgt Ion	Ratio	Resp	Lower	Upper
107	100			
108	86.0		69.3	109.3
77	144.9		105.9	145.9
79	30.9		9.2	49.2





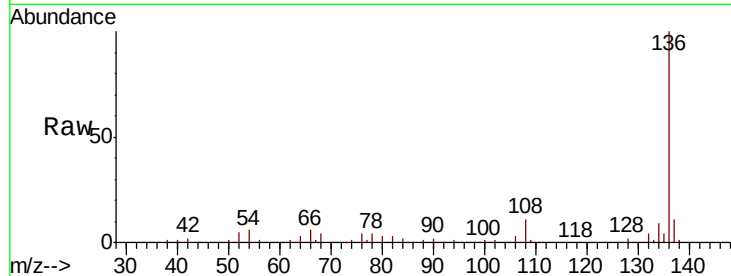
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.13 min Scan# 1028
Delta R.T. -0.01 min
Lab File: BF118456.D
Acq: 3 Jan 2020 12:45

Instrument :
BNA_F
ClientSampleId :
PB125821BS

Tot Ion	Ratio	Resp	Lower	Upper
136	100	275502		
137	10.8	8.9	13.3	
54	6.0	4.2	6.4	
68	4.1	3.5	5.3	

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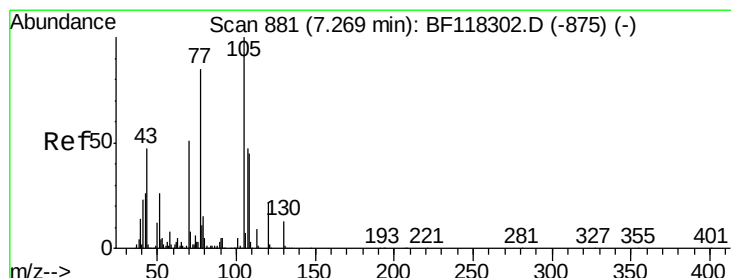
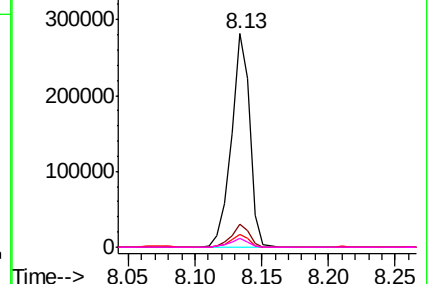
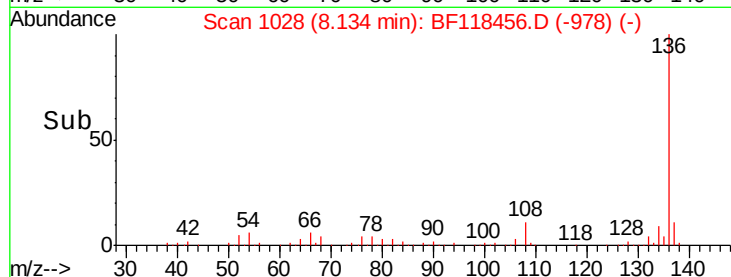
Abundance

Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

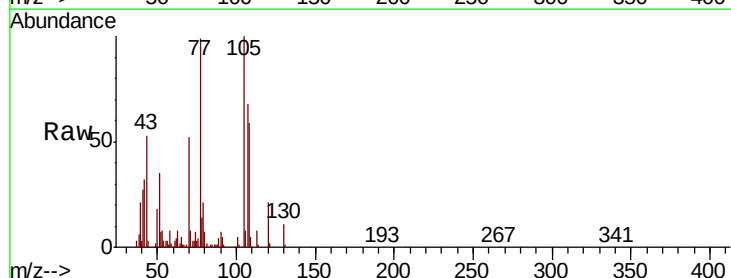
Ion 54.00 (53.70 to 54.70): BF1

Ion 68.00 (67.70 to 68.70): BF1



#22
Acetophenone
Concen: 38.516 ng
RT: 7.26 min Scan# 880
Delta R.T. -0.01 min
Lab File: BF118456.D
Acq: 3 Jan 2020 12:45

Tgt Ion	Ratio	Resp	Lower	Upper
105	100	260073		
71	8.3	6.6	9.8	
51	35.3	20.6	30.8	
120	20.8	18.0	27.0	



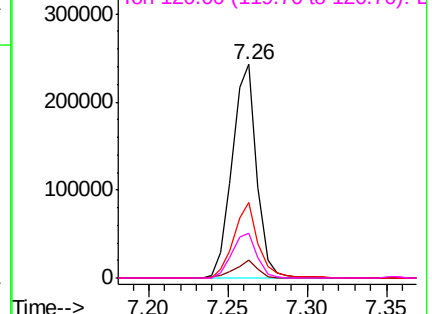
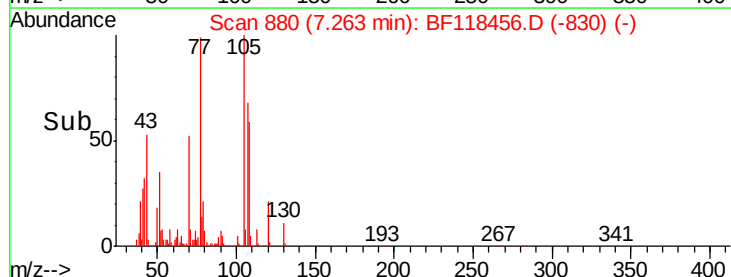
Abundance

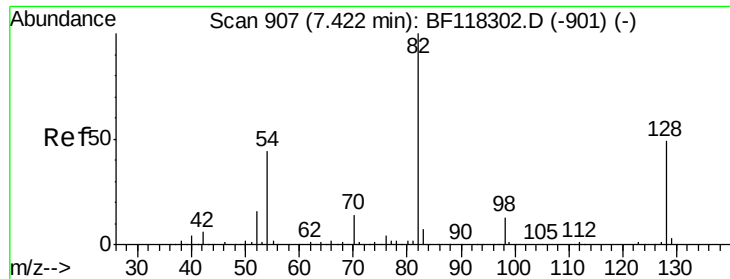
Ion 105.00 (104.70 to 105.70): E

Ion 71.00 (70.70 to 71.70): BF1

Ion 51.00 (50.70 to 51.70): BF1

Ion 120.00 (119.70 to 120.70): E





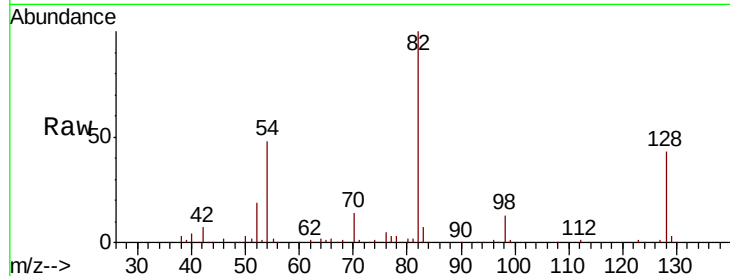
#23
 Nitrobenzene-d5
 Concen: 80.762 ng
 RT: 7.42 min Scan# 906
 Delta R.T. -0.01 min
 Lab File: BF118456.D
 Acq: 3 Jan 2020 12:45

Instrument :
 BNA_F
 ClientSampleId :
 PB125821BS

Tot Ion	Ratio	Lower	Upper
82	100		
128	43.2	39.6	59.4
54	48.1	34.9	52.3

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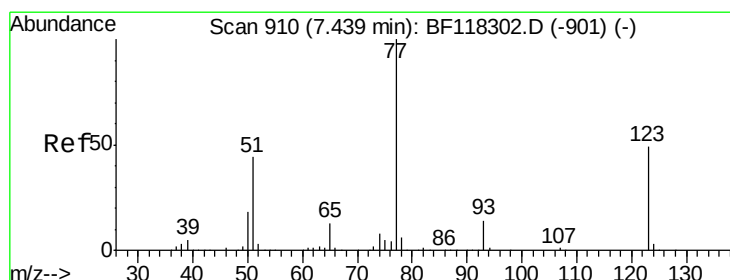
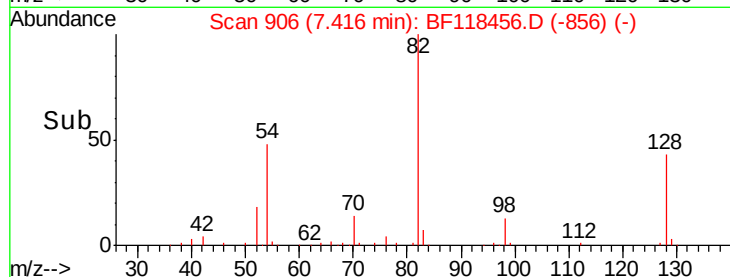
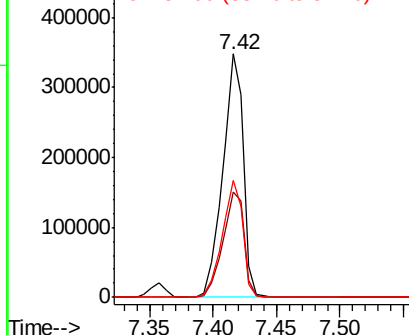


Abundance

Ion 82.00 (81.70 to 82.70): BF1

Ion 128.00 (127.70 to 128.70): BF1

Ion 54.00 (53.70 to 54.70): BF1



#24
 Nitrobenzene
 Concen: 39.582 ng
 RT: 7.43 min Scan# 909
 Delta R.T. -0.01 min
 Lab File: BF118456.D
 Acq: 3 Jan 2020 12:45

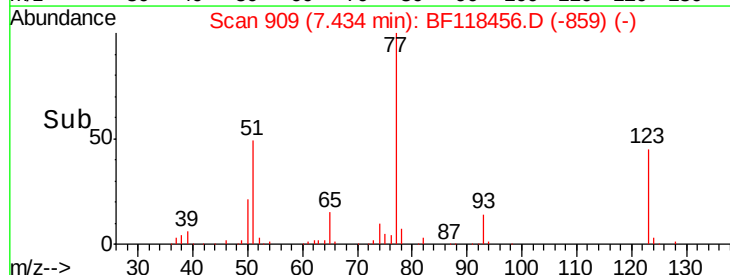
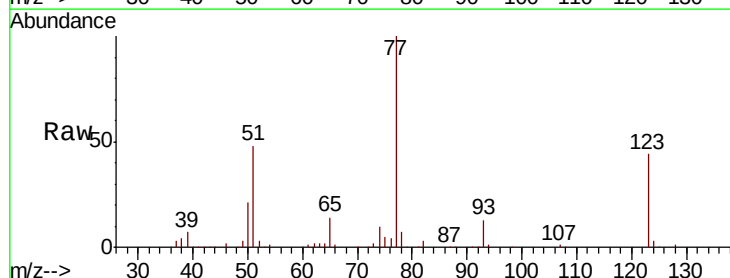
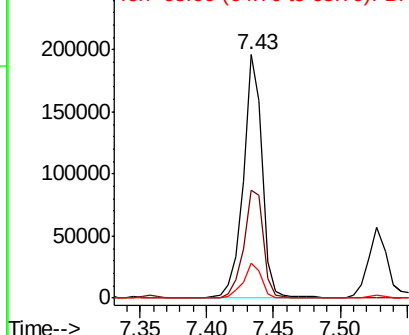
Tgt Ion	Ratio	Lower	Upper
77	100		
123	44.4	39.1	58.7
65	14.3	10.6	16.0

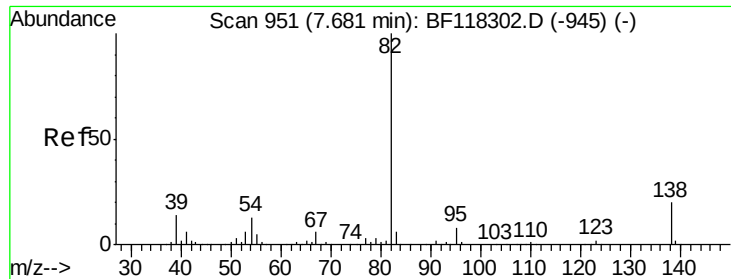
Abundance

Ion 77.00 (76.70 to 77.70): BF1

Ion 123.00 (122.70 to 123.70): BF1

Ion 65.00 (64.70 to 65.70): BF1





#25

Isophorone

Concen: 38.358 ng

RT: 7.67 min Scan# 950

Delta R.T. -0.01 min

Lab File: BF118456.D

Acq: 3 Jan 2020 12:45

Instrument :

BNA_F

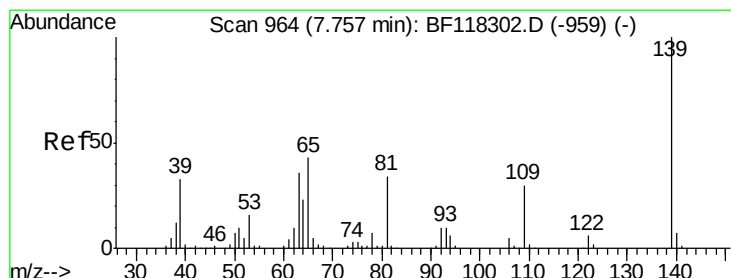
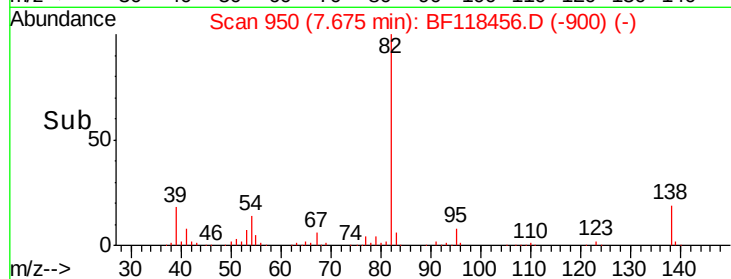
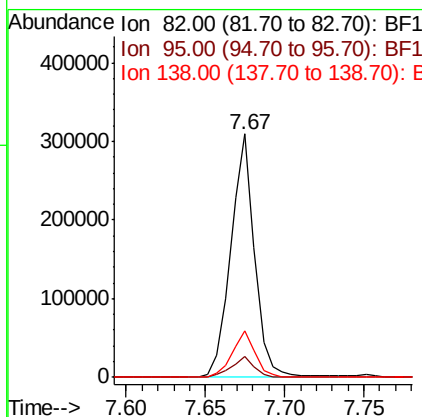
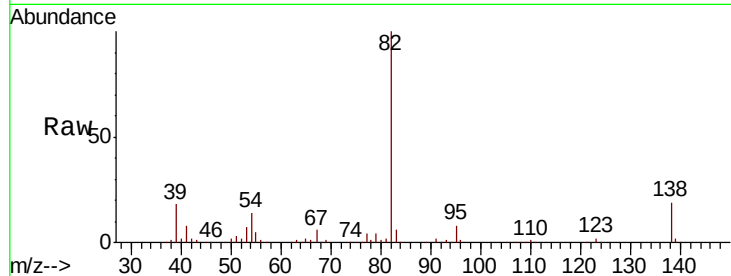
ClientSampleId :

PB125821BS

Tot Ion:	82	Resp:	322006
Ion Ratio	Lower	Upper	
82	100		
95	8.5	6.3	9.5
138	19.2	16.2	24.2

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#26

2-Nitrophenol

Concen: 38.209 ng

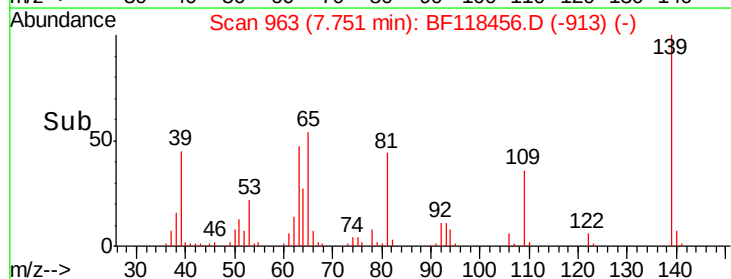
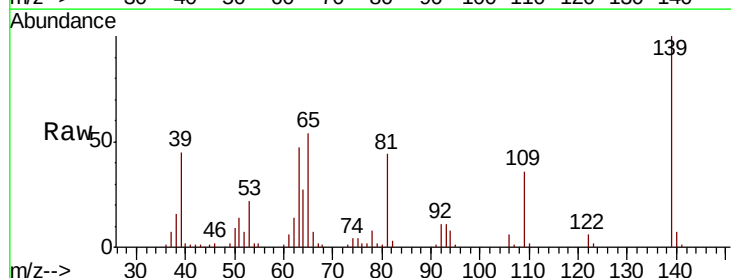
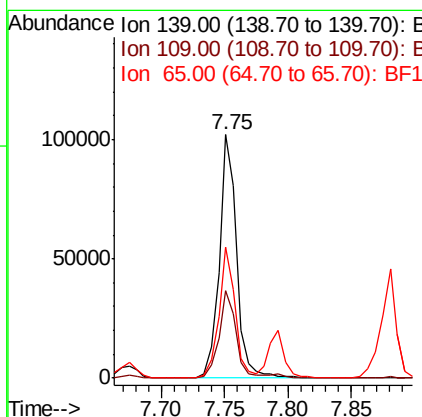
RT: 7.75 min Scan# 963

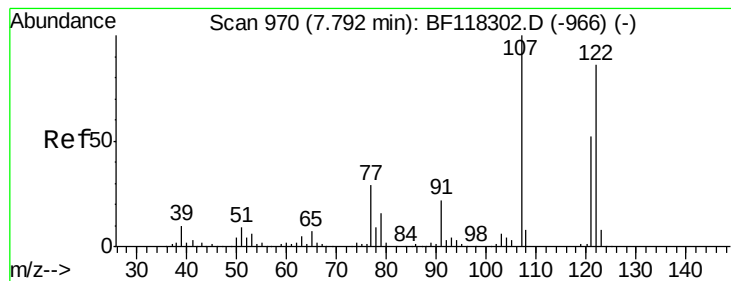
Delta R.T. -0.01 min

Lab File: BF118456.D

Acq: 3 Jan 2020 12:45

Tgt Ion:	139	Resp:	97654
Ion Ratio	Lower	Upper	
139	100		
109	35.7	24.1	36.1
65	53.9	34.6	52.0#





#27

2,4-Dimethylphenol

Concen: 43.162 ng

RT: 7.79 min Scan# 970

Delta R.T. 0.00 min

Lab File: BF118456.D

Acq: 3 Jan 2020 12:45

Instrument :

BNA_F

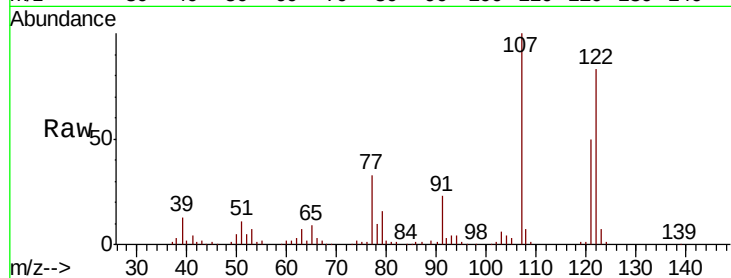
ClientSampleId :

PB125821BS

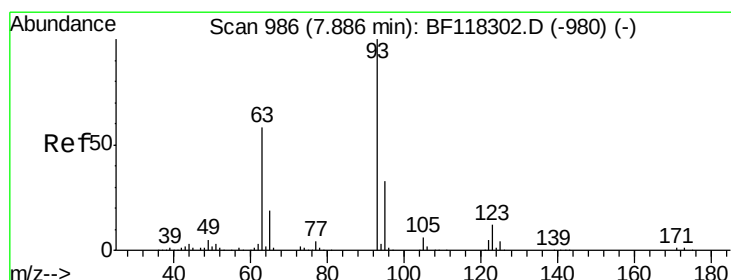
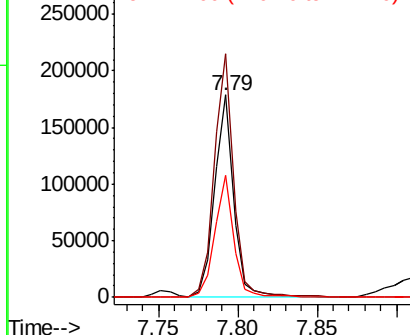
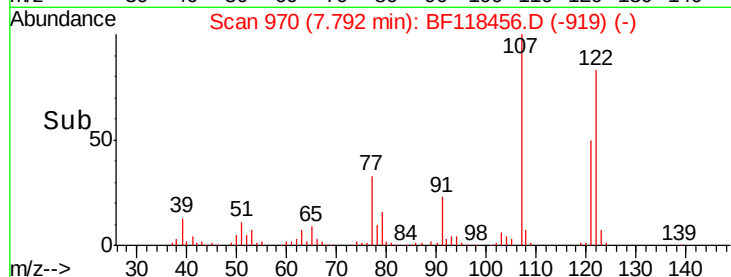
Tot Ion:	122	Resp:	150508
Ion Ratio	Lower	Upper	
122	100		
107	120.5	92.9	139.3
121	60.1	47.9	71.9

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Abundance Ion 122.00 (121.70 to 122.70): E
Ion 107.00 (106.70 to 107.70): E
Ion 121.00 (120.70 to 121.70): E



#28

bis(2-Chloroethoxy)methane

Concen: 35.477 ng

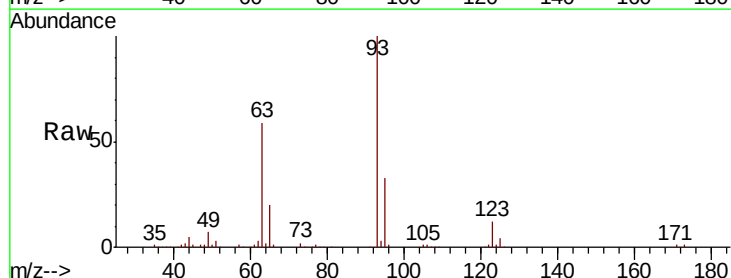
RT: 7.88 min Scan# 985

Delta R.T. -0.01 min

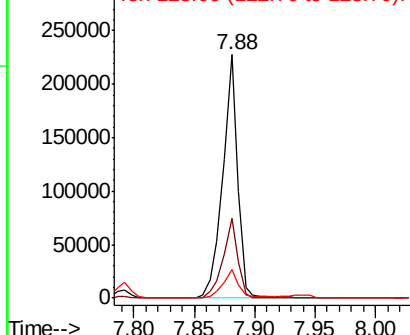
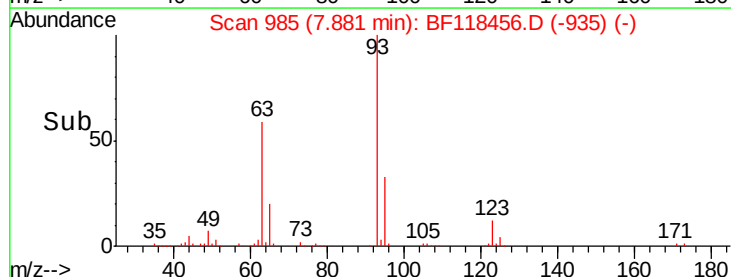
Lab File: BF118456.D

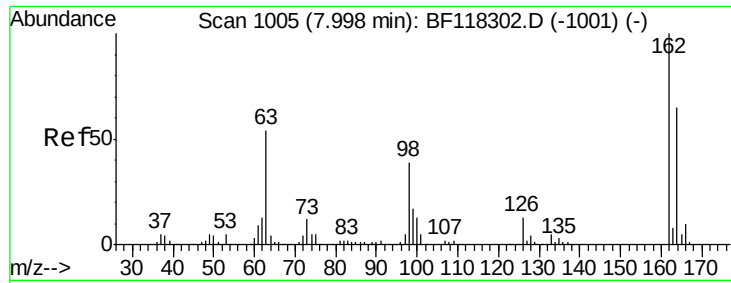
Acq: 3 Jan 2020 12:45

Tgt Ion:	93	Resp:	194778
Ion Ratio	Lower	Upper	
93	100		
95	32.9	26.2	39.4
123	11.6	9.8	14.8



Abundance Ion 93.00 (92.70 to 93.70): BF1
Ion 95.00 (94.70 to 95.70): BF1
Ion 123.00 (122.70 to 123.70): E





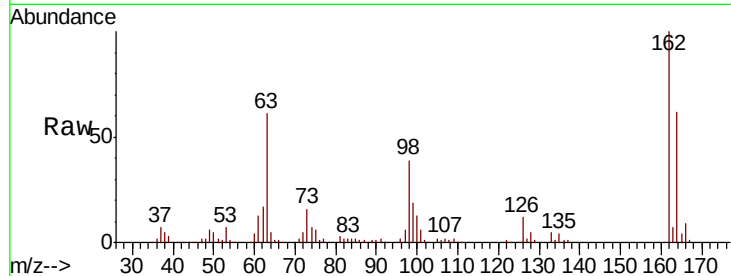
#29
2,4-Dichlorophenol
Concen: 37.409 ng
RT: 8.00 min Scan# 1005
Delta R.T. 0.00 min
Lab File: BF118456.D
Acq: 3 Jan 2020 12:45

Instrument :
BNA_F
ClientSampleId :
PB125821BS

Tot Ion	Ratio	Resp	Lower	Upper
162	100	150143		
164	62.0	45.1	85.1	
98	39.1	18.6	58.6	

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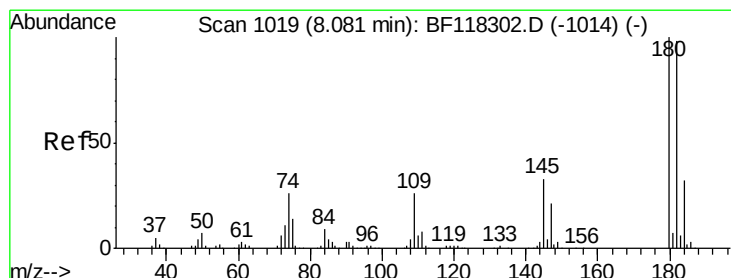
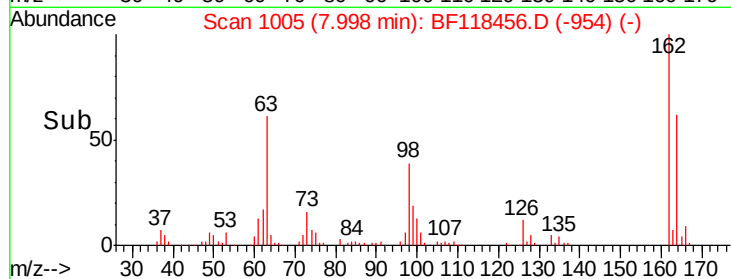
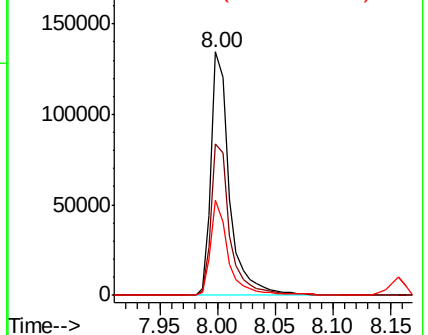


Abundance

Ion 162.00 (161.70 to 162.70): E

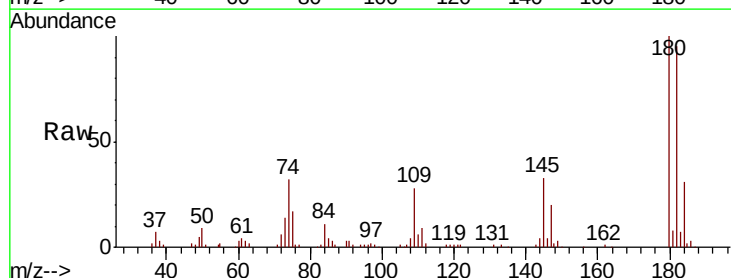
Ion 164.00 (163.70 to 164.70): E

Ion 98.00 (97.70 to 98.70): BF1



#30
1,2,4-Trichlorobenzene
Concen: 36.085 ng
RT: 8.07 min Scan# 1018
Delta R.T. -0.01 min
Lab File: BF118456.D
Acq: 3 Jan 2020 12:45

Tgt Ion	Ratio	Resp	Lower	Upper
180	100	168710		
182	95.1	78.3	117.5	
145	33.5	26.7	40.1	

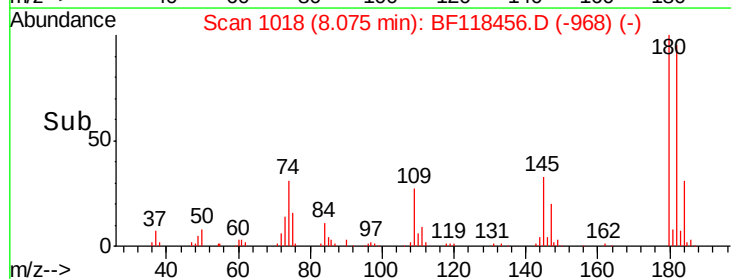
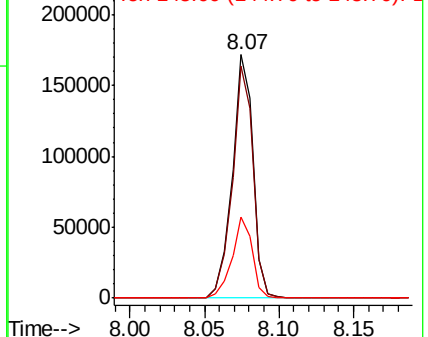


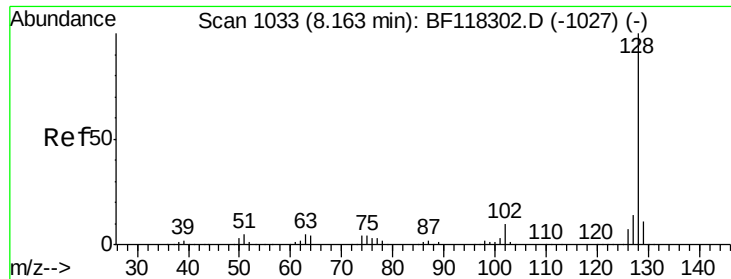
Abundance

Ion 180.00 (179.70 to 180.70): E

Ion 182.00 (181.70 to 182.70): E

Ion 145.00 (144.70 to 145.70): E





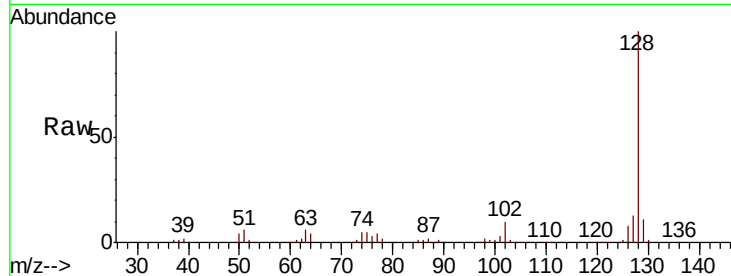
#31
Naphthalene
Concen: 37.933 ng
RT: 8.16 min Scan# 1032
Delta R.T. -0.01 min
Lab File: BF118456.D
Acq: 3 Jan 2020 12:45

Instrument :
BNA_F
ClientSampleId :
PB125821BS

Tot Ion	Ratio	Lower	Upper
128	100		
129	11.0	9.0	13.4
127	13.5	11.0	16.4

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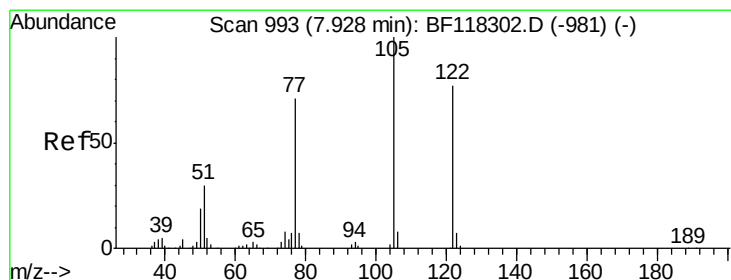
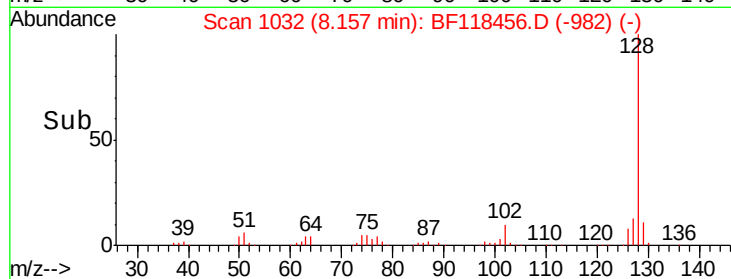
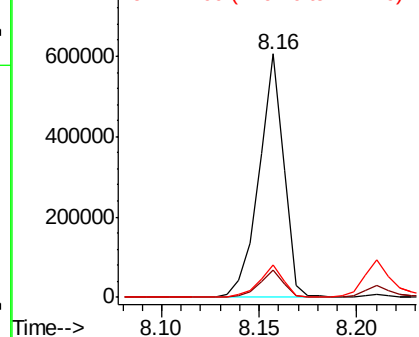


Abundance

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: 32.333 ng
RT: 7.94 min Scan# 995
Delta R.T. 0.01 min
Lab File: BF118456.D
Acq: 3 Jan 2020 12:45

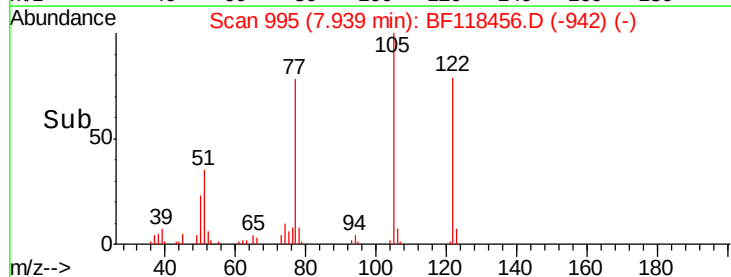
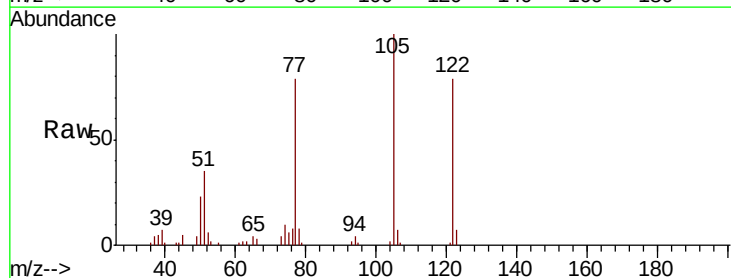
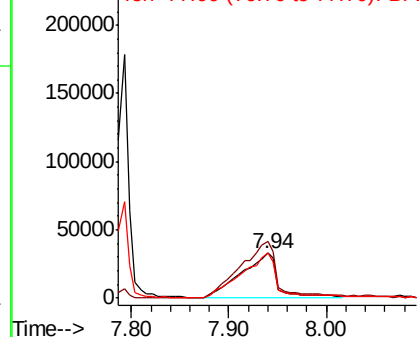
Tgt Ion	Ratio	Lower	Upper
122	100		
105	126.9	106.8	146.8
77	100.6	70.4	110.4

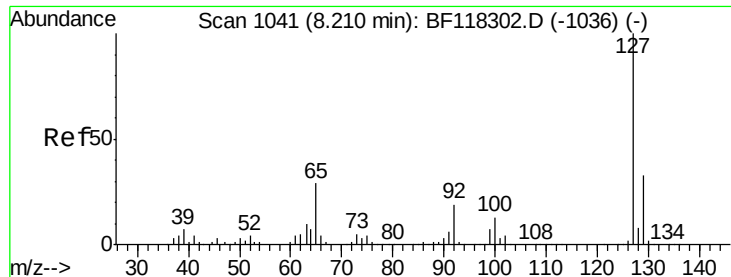
Abundance

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





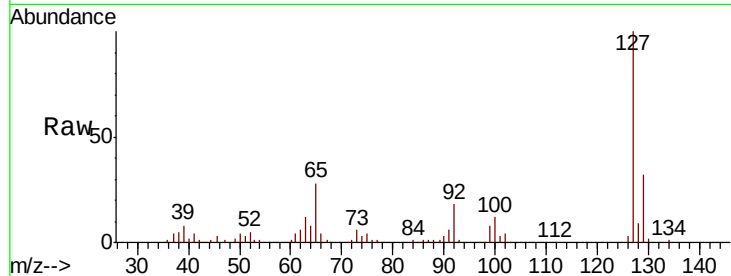
#33
4-Chloroaniline
Concen: 17.318 ng
RT: 8.21 min Scan# 1041
Delta R.T. 0.00 min
Lab File: BF118456.D
Acq: 3 Jan 2020 12:45

Instrument :
BNA_F
ClientSampleId :
PB125821BS

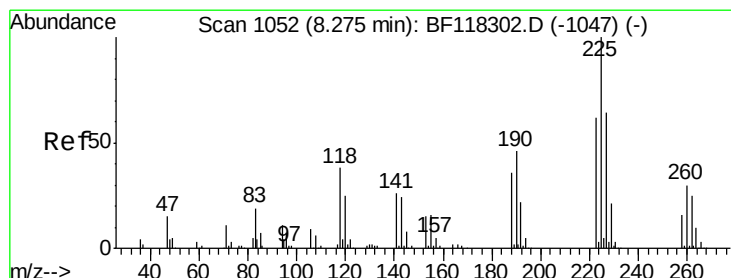
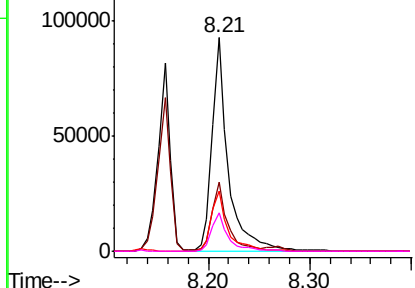
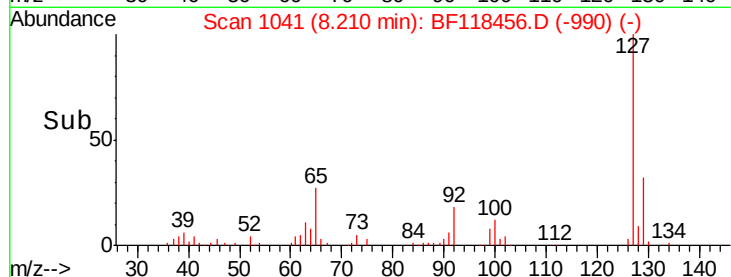
Tot Ion	Ratio	Resp	Lower	Upper
127	100			
129	32.4	26.5	39.7	
65	28.3	22.8	34.2	
92	18.2	15.5	23.3	

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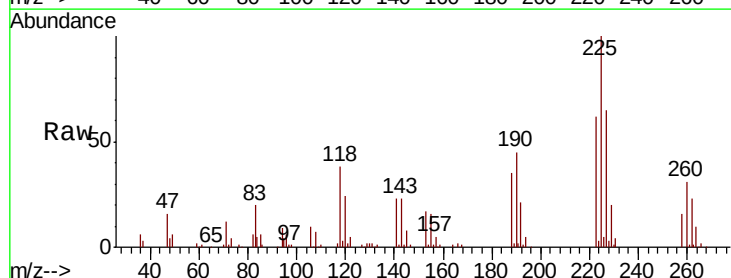


Abundance Ion 127.00 (126.70 to 127.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 65.00 (64.70 to 65.70): BF1
Ion 92.00 (91.70 to 92.70): BF1

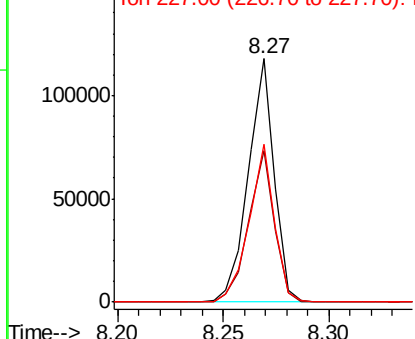
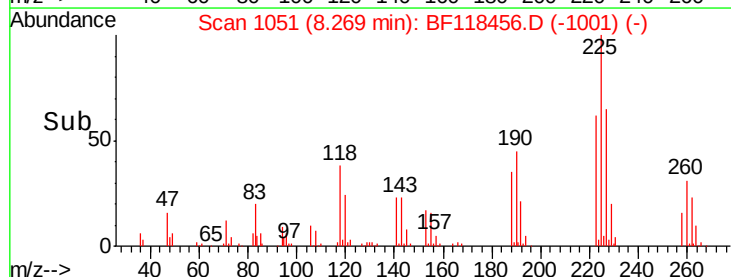


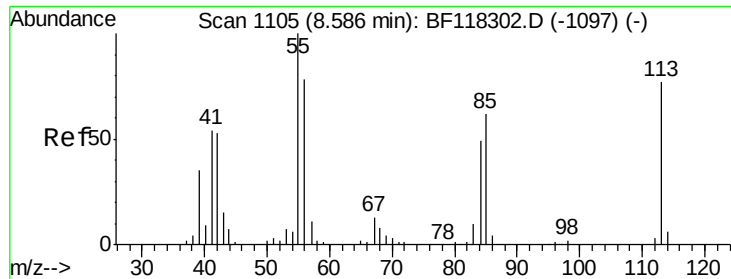
#34
Hexachlorobutadiene
Concen: 36.182 ng
RT: 8.27 min Scan# 1051
Delta R.T. -0.01 min
Lab File: BF118456.D
Acq: 3 Jan 2020 12:45

Tgt Ion	Ratio	Resp	Lower	Upper
225	100			
223	62.3	49.5	74.3	
227	64.8	51.0	76.4	



Abundance Ion 225.00 (224.70 to 225.70): E
Ion 223.00 (222.70 to 223.70): E
Ion 227.00 (226.70 to 227.70): E





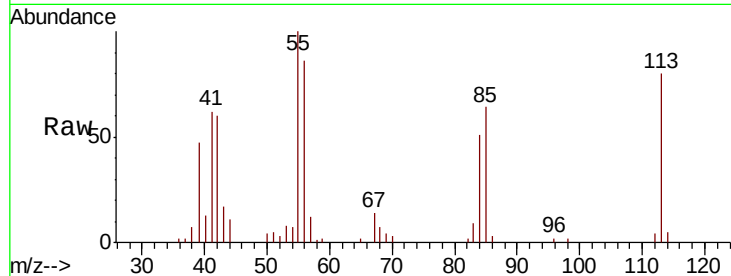
#35
Caprolactam
Concen: 35.401 ng/ml
RT: 8.59 min Scan# 1105
Delta R.T. 0.00 min
Lab File: BF118456.D
Acq: 3 Jan 2020 12:45

Instrument :
BNA_F
ClientSampleId :
PB125821BS

Tot Ion	Ratio	Lower	Upper
113	100		
55	124.7	109.8	149.8
56	107.6	81.7	121.7

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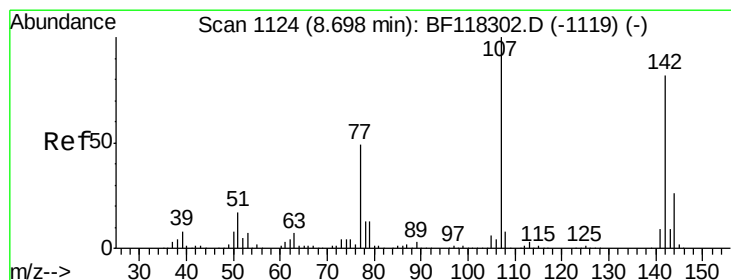
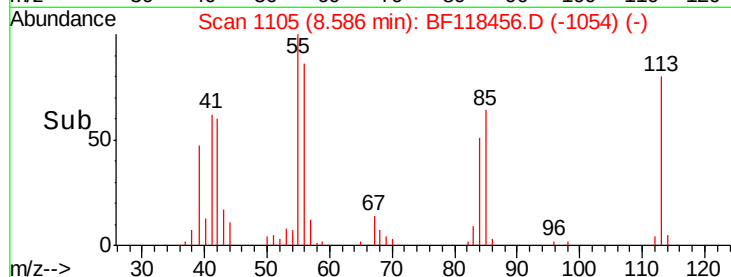
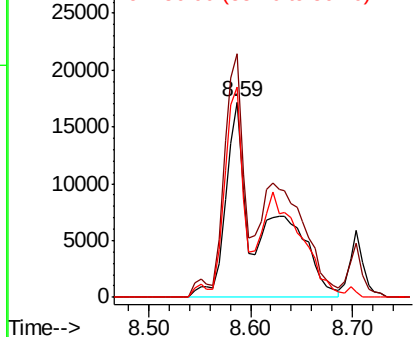


Abundance

Ion 113.00 (112.70 to 113.70): E

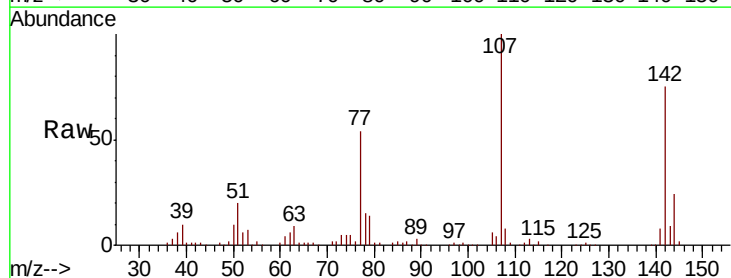
Ion 55.00 (54.70 to 55.70): BF1

Ion 56.00 (55.70 to 56.70): BF1



#36
4-Chloro-3-methylphenol
Concen: 38.622 ng/ml
RT: 8.70 min Scan# 1125
Delta R.T. 0.01 min
Lab File: BF118456.D
Acq: 3 Jan 2020 12:45

Tgt Ion	Ratio	Lower	Upper
107	100		
144	24.2	21.2	31.8
142	74.7	65.4	98.2

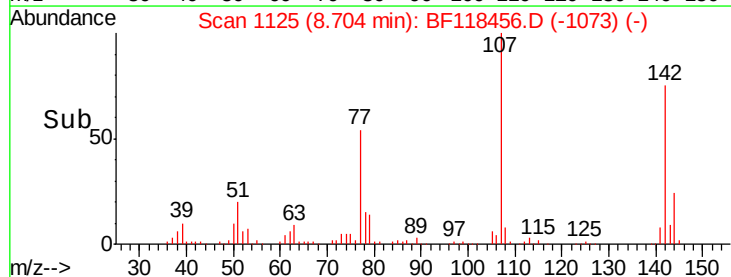
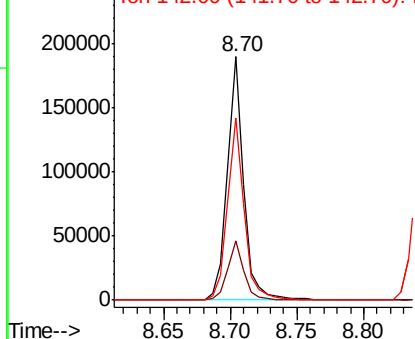


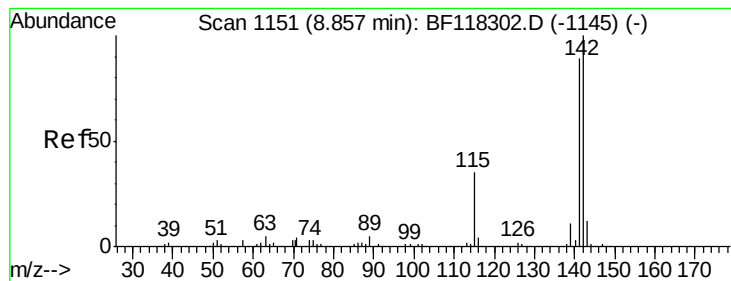
Abundance

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: 38.608 ng

RT: 8.85 min Scan# 1150

Delta R.T. -0.01 min

Lab File: BF118456.D

Acq: 3 Jan 2020 12:45

Instrument :

BNA_F

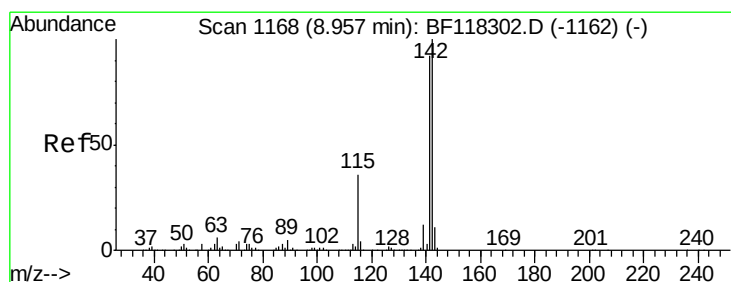
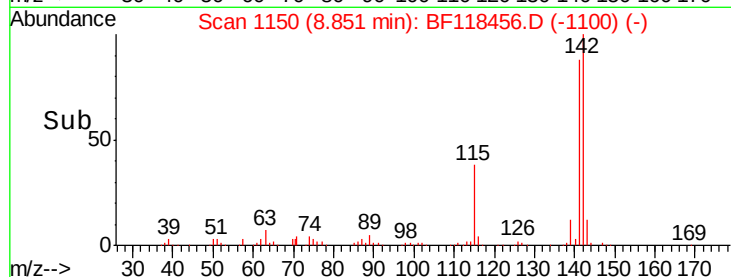
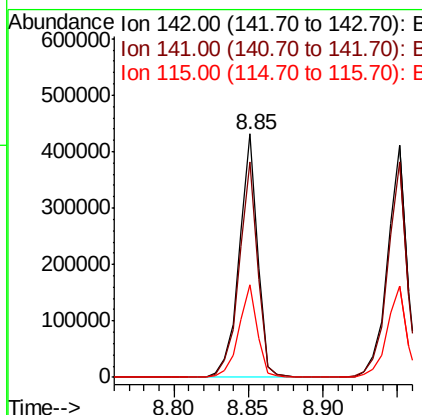
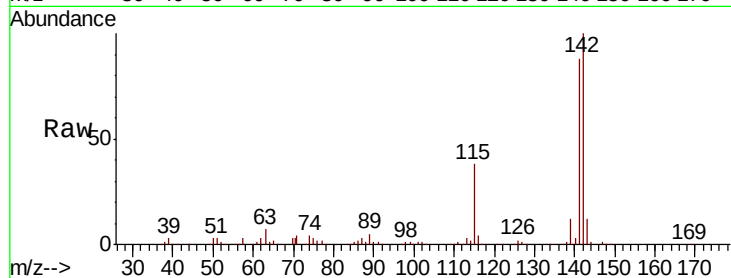
ClientSampled :

PB125821BS

Tot Ion:	142	Resp:	370145
Ion Ratio	Lower	Upper	
142	100		
141	88.5	71.2	106.8
115	37.8	28.0	42.0

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#38

1-Methylnaphthalene

Concen: 38.921 ng

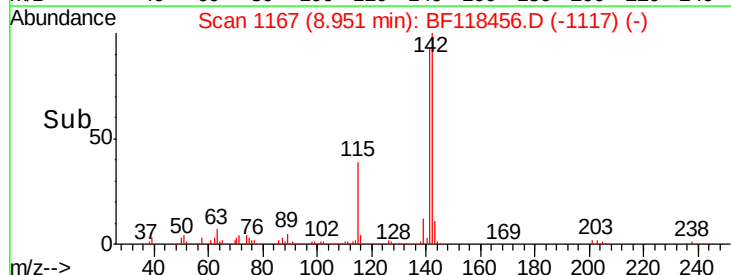
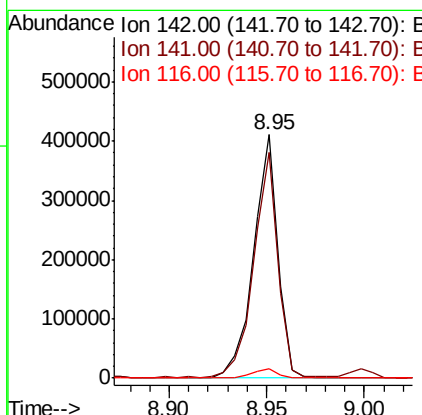
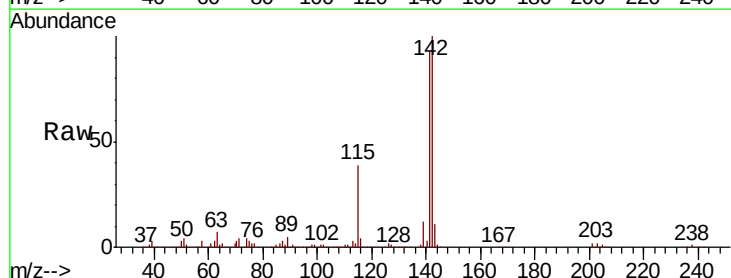
RT: 8.95 min Scan# 1167

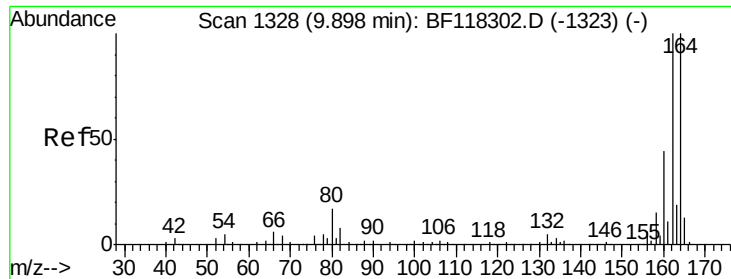
Delta R.T. -0.01 min

Lab File: BF118456.D

Acq: 3 Jan 2020 12:45

Tgt Ion:	142	Resp:	351551
Ion Ratio	Lower	Upper	
142	100		
141	92.7	73.4	110.2
116	4.0	2.9	4.3





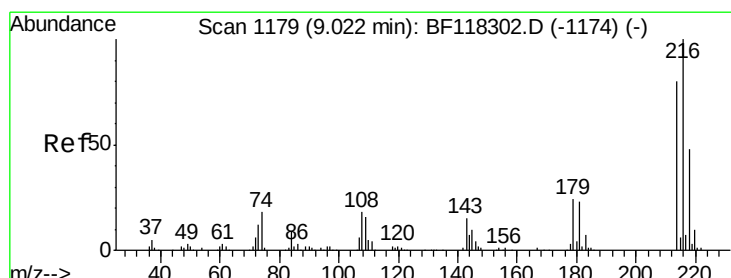
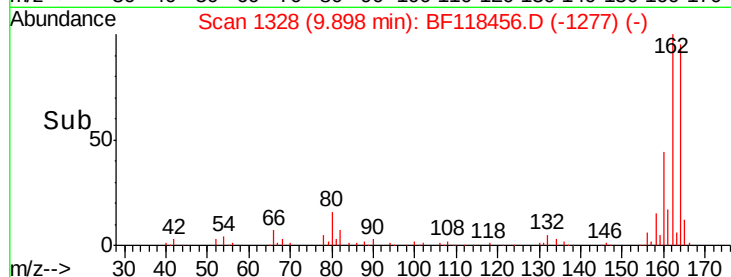
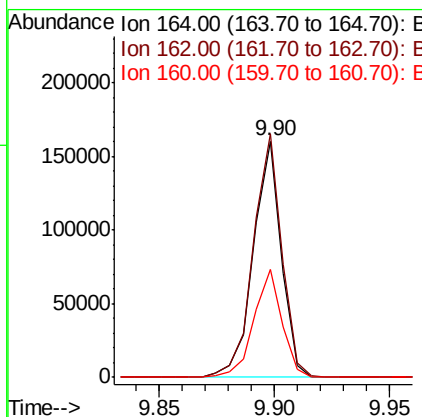
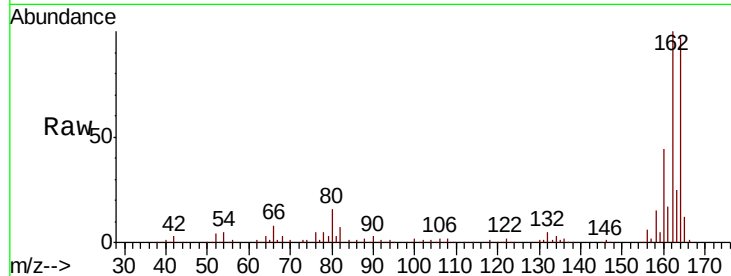
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.90 min Scan# 1328
Delta R.T. 0.00 min
Lab File: BF118456.D
Acq: 3 Jan 2020 12:45

Instrument :
BNA_F
ClientSampleId :
PB125821BS

Tot Ion	Ratio	Lower	Upper
164	100		
162	103.0	80.0	120.0
160	45.7	34.8	52.2

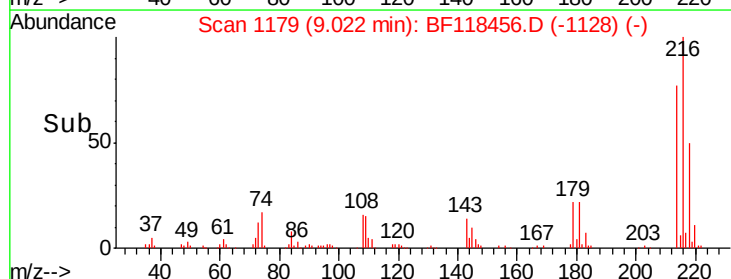
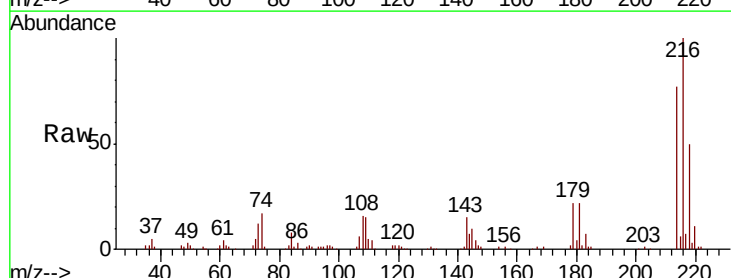
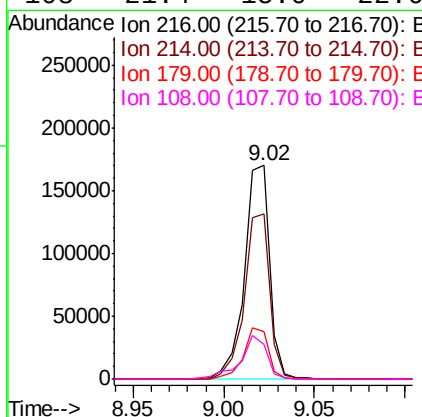
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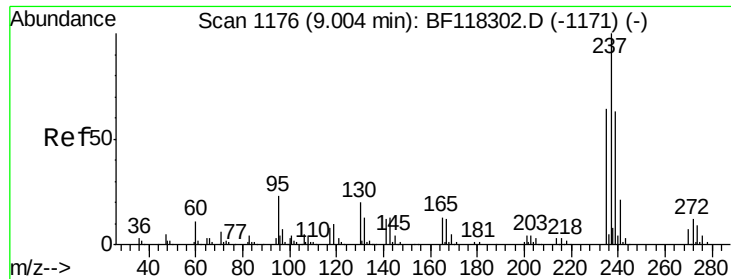
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#40
1,2,4,5-Tetrachlorobenzene
Concen: 40.191 ng
RT: 9.02 min Scan# 1179
Delta R.T. 0.00 min
Lab File: BF118456.D
Acq: 3 Jan 2020 12:45

Tgt Ion	Ratio	Lower	Upper
216	100		
214	77.9	63.3	94.9
179	23.4	18.9	28.3
108	21.4	15.0	22.6





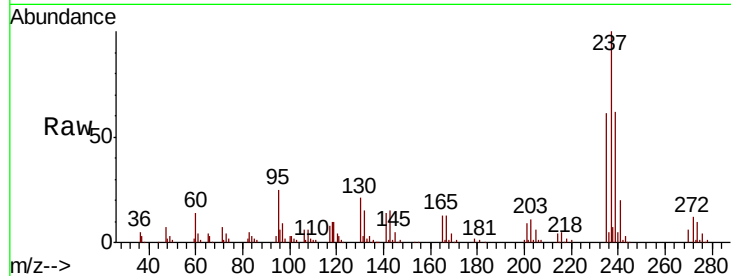
#41
Hexachlorocyclopentadiene
Concen: 59.321 ng
RT: 9.00 min Scan# 1175
Delta R.T. -0.01 min
Lab File: BF118456.D
Acq: 3 Jan 2020 12:45

Instrument :
BNA_F
ClientSampleId :
PB125821BS

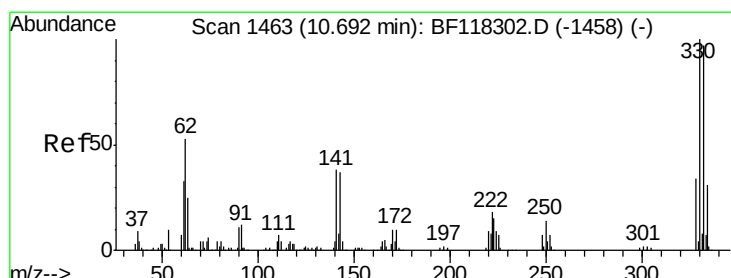
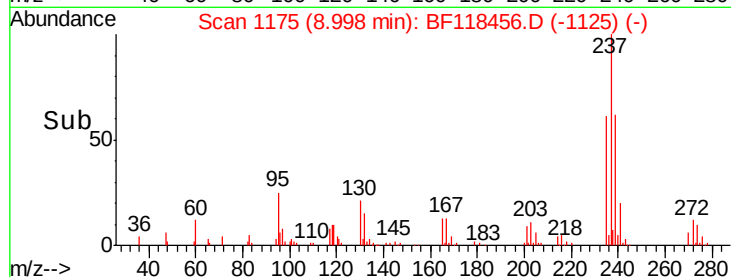
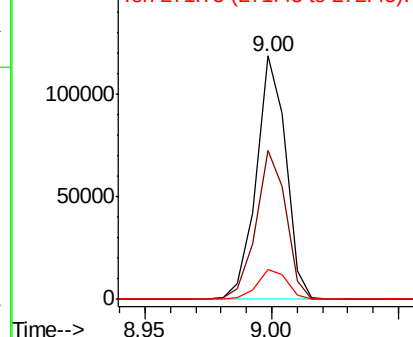
Tot Ion	Ratio	Lower	Upper
237	100		
235	61.0	43.8	83.8
272	12.0	0.0	31.7

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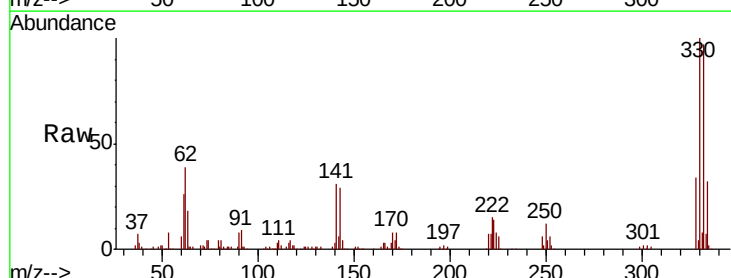


Abundance Ion 236.80 (236.50 to 237.50): E
Ion 234.90 (234.60 to 235.60): E
Ion 271.75 (271.45 to 272.45): E

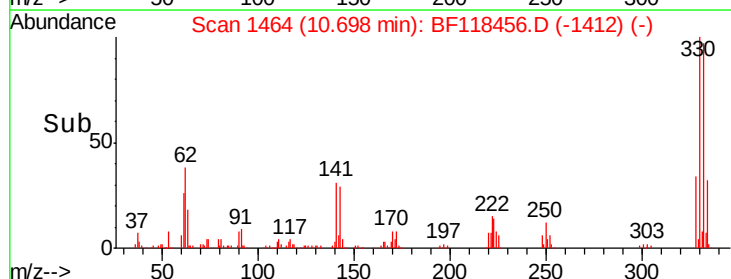
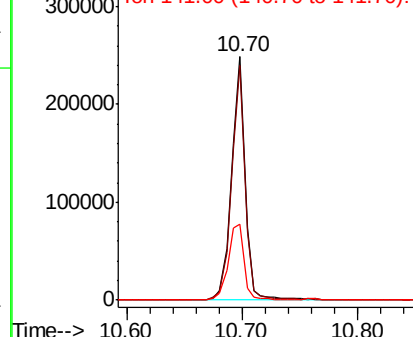


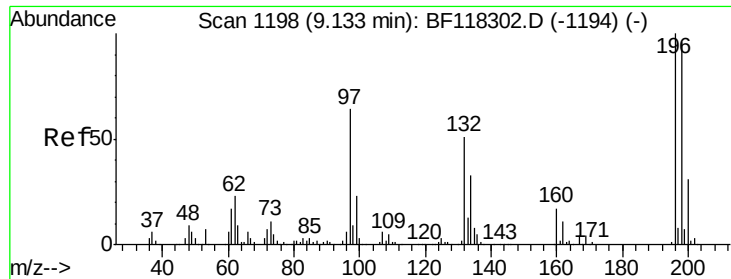
#42
2,4,6-Tribromophenol
Concen: 122.226 ng
RT: 10.70 min Scan# 1464
Delta R.T. 0.01 min
Lab File: BF118456.D
Acq: 3 Jan 2020 12:45

Tgt Ion	Ratio	Lower	Upper
330	100		
332	97.1	76.6	114.8
141	36.3	26.0	39.0



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





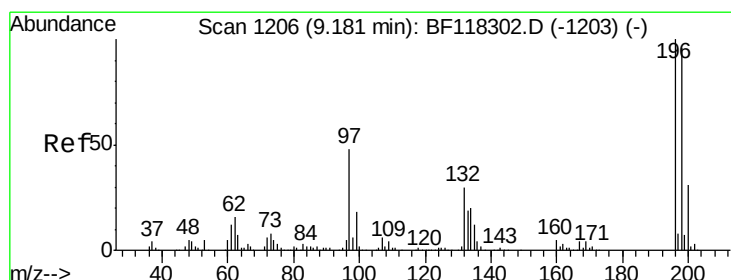
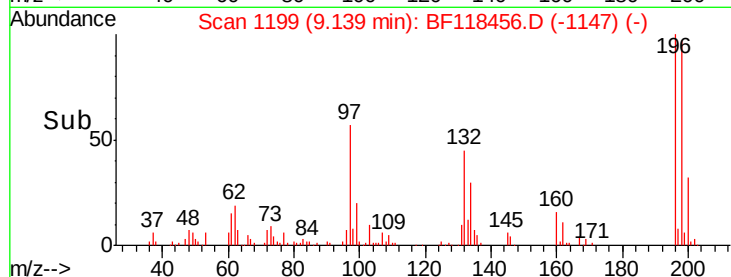
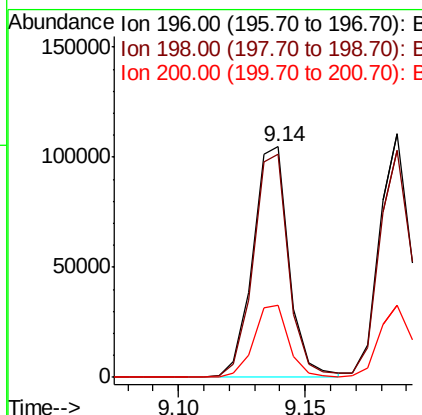
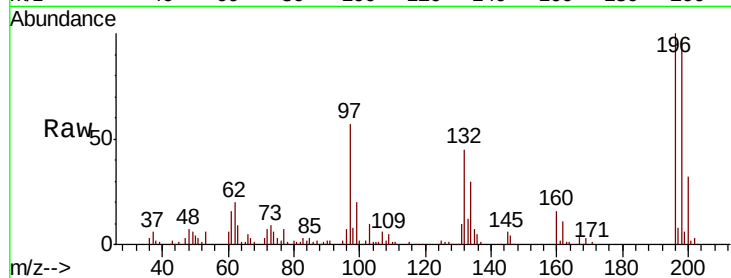
#43
 2,4,6-Trichlorophenol
 Concen: 38.179 ng
 RT: 9.14 min Scan# 1199
 Delta R.T. 0.01 min
 Lab File: BF118456.D
 Acq: 3 Jan 2020 12:45

Instrument :
 BNA_F
 ClientSampleId :
 PB125821BS

Tot Ion:	196	Resp:	103932
Ion Ratio	Lower	Upper	
196	100		
198	97.0	76.7	115.1
200	31.5	24.8	37.2

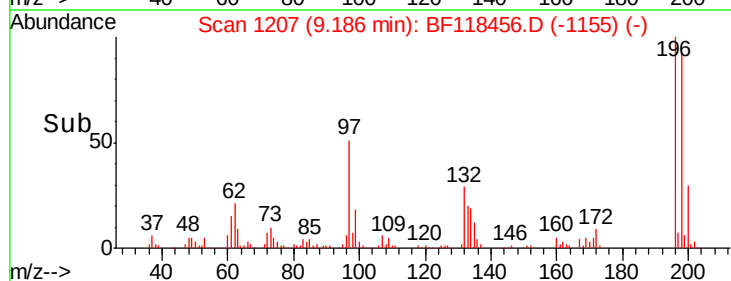
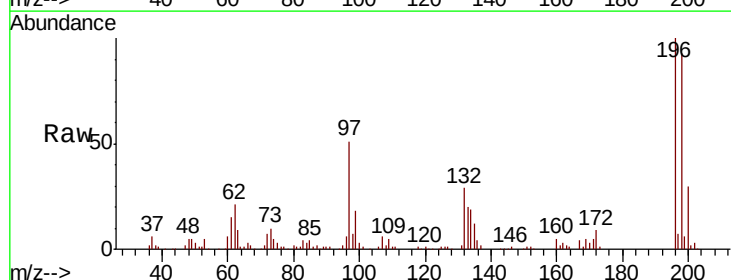
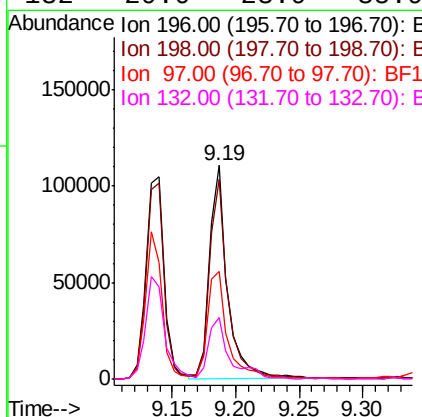
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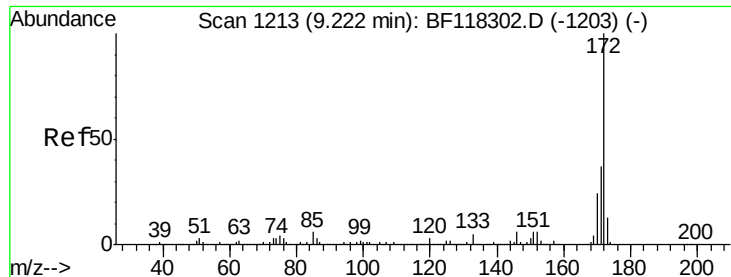
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#44
 2,4,5-Trichlorophenol
 Concen: 39.407 ng
 RT: 9.19 min Scan# 1207
 Delta R.T. 0.01 min
 Lab File: BF118456.D
 Acq: 3 Jan 2020 12:45

Tgt Ion:	196	Resp:	110354
Ion Ratio	Lower	Upper	
196	100		
198	93.3	77.0	115.4
97	50.6	38.9	58.3
132	29.0	23.9	35.9





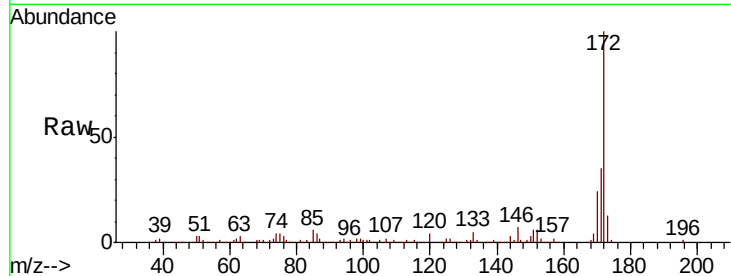
#45
2-Fluorobiphenyl
Concen: 89.814 ng
RT: 9.22 min Scan# 1212
Delta R.T. -0.01 min
Lab File: BF118456.D
Acq: 3 Jan 2020 12:45

Instrument :
BNA_F
ClientSampleId :
PB125821BS

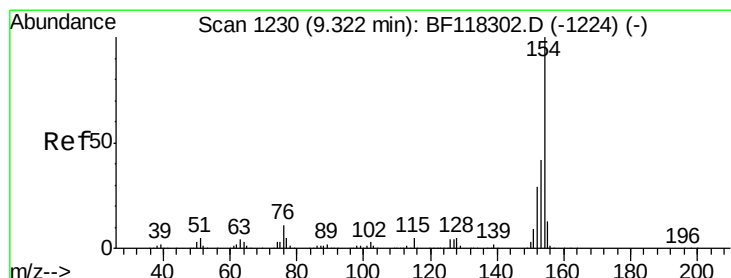
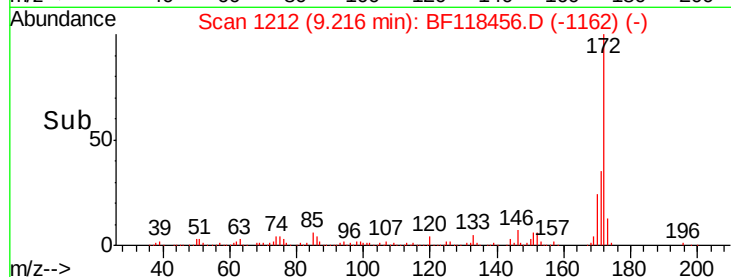
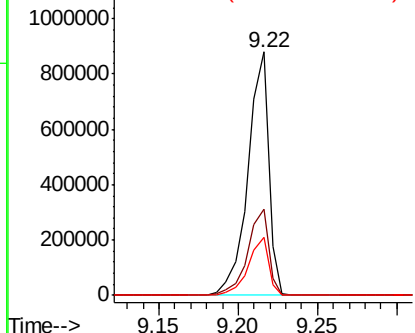
Tot Ion:	172	Resp:	797956
Ion Ratio	Lower	Upper	
172	100		
171	35.4	29.3	43.9
170	23.6	19.2	28.8

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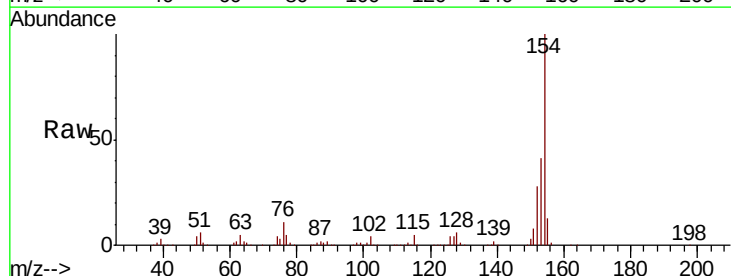


Abundance Ion 172.00 (171.70 to 172.70): E
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E

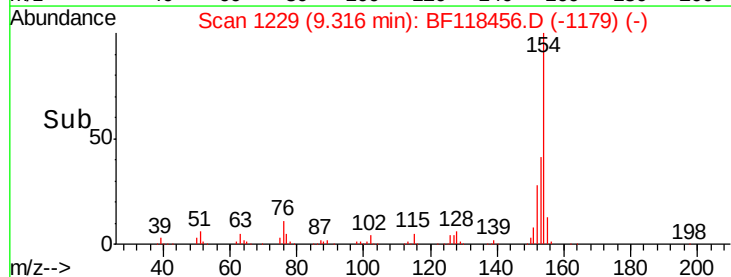
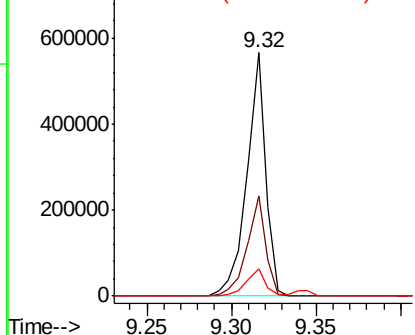


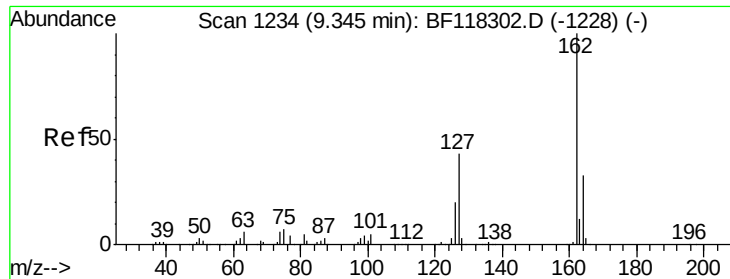
#46
1,1'-Biphenyl
Concen: 41.443 ng
RT: 9.32 min Scan# 1229
Delta R.T. -0.01 min
Lab File: BF118456.D
Acq: 3 Jan 2020 12:45

Tgt Ion:	154	Resp:	444551
Ion Ratio	Lower	Upper	
154	100		
153	41.0	21.8	61.8
76	11.1	0.0	30.9



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





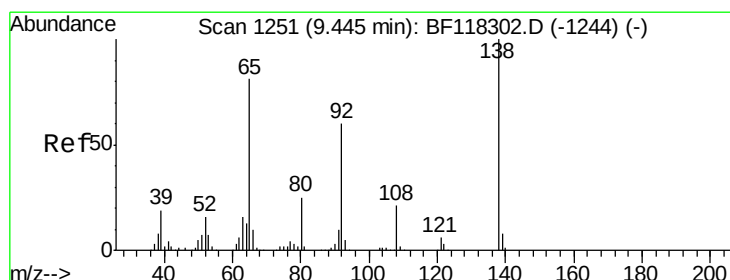
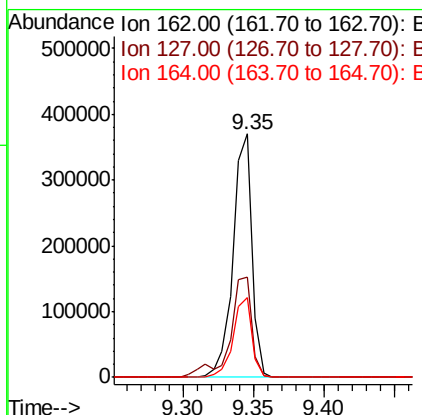
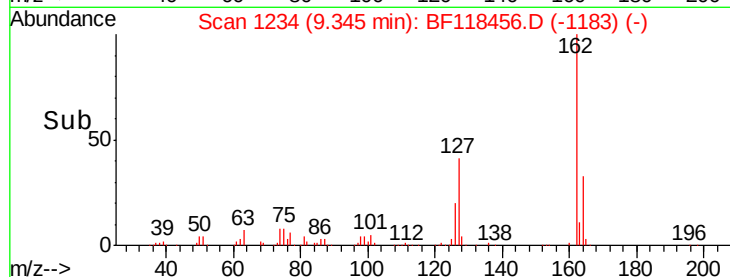
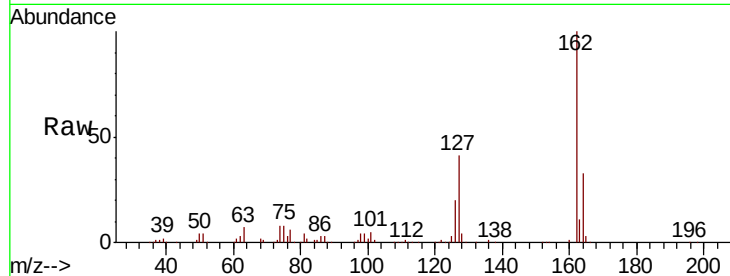
#47
2-Chloronaphthalene
Concen: 40.121 ng
RT: 9.35 min Scan# 1234
Delta R.T. 0.00 min
Lab File: BF118456.D
Acq: 3 Jan 2020 12:45

Instrument :
BNA_F
ClientSampleId :
PB125821BS

Tot Ion	Ratio	Resp	Lower	Upper
162	100	346376		
127	41.3	35.0	52.4	
164	32.9	26.6	40.0	

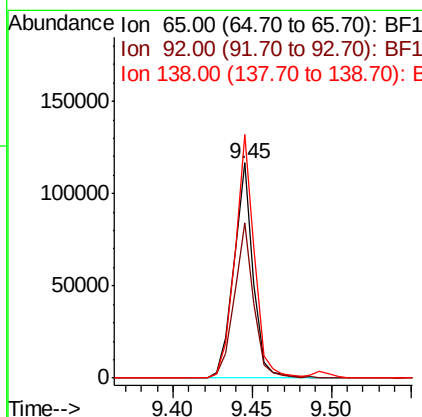
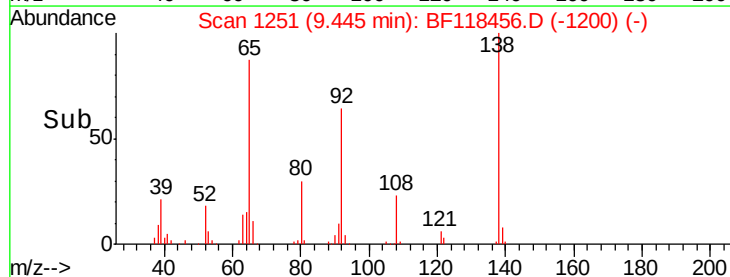
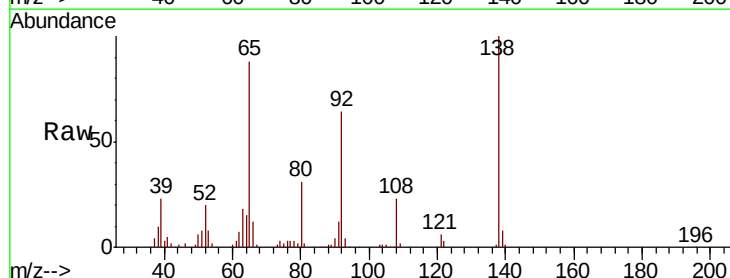
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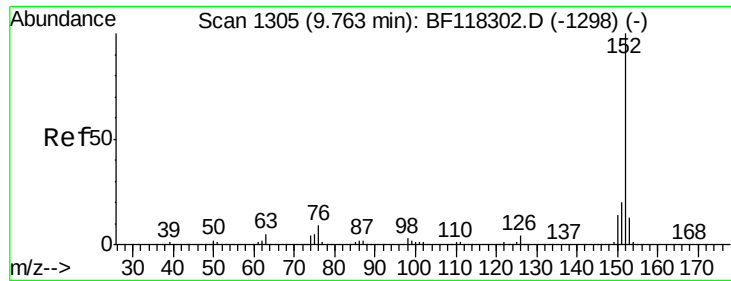
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#48
2-Nitroaniline
Concen: 40.595 ng
RT: 9.45 min Scan# 1251
Delta R.T. 0.00 min
Lab File: BF118456.D
Acq: 3 Jan 2020 12:45

Tgt Ion	Ratio	Resp	Lower	Upper
65	100	98991		
92	72.2	58.7	88.1	
138	113.1	98.5	147.7	





#49

Acenaphthylene

Concen: 42.582 ng

RT: 9.76 min Scan# 1305

Delta R.T. 0.00 min

Lab File: BF118456.D

Acq: 3 Jan 2020 12:45

Instrument :

BNA_F

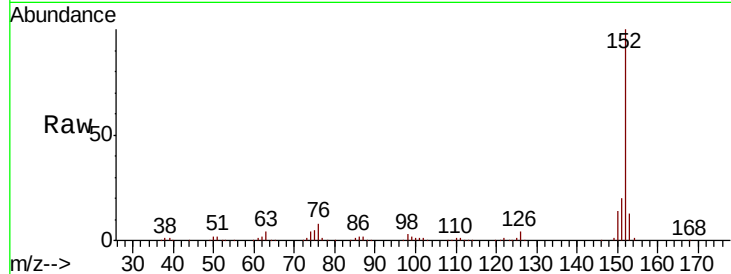
ClientSampleId :

PB125821BS

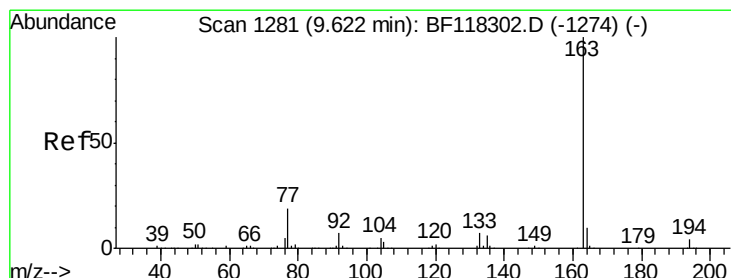
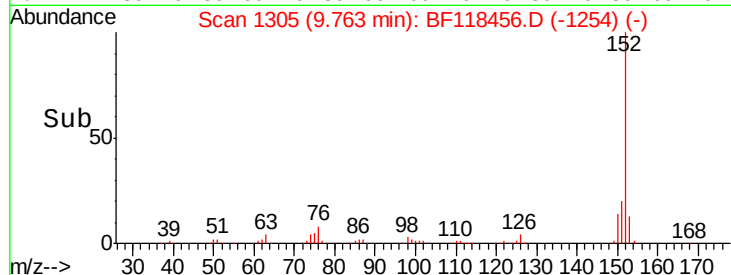
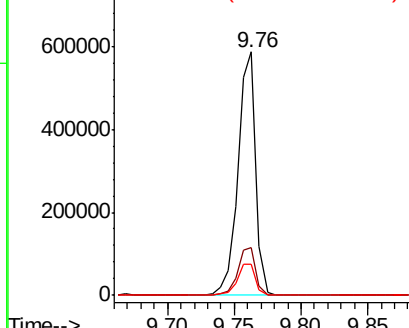
Tot Ion	Ion	Ratio	Resp	Lower	Upper
152	100		545219		
151	19.8	16.2	24.2		
153	12.6	10.5	15.7		

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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: 40.058 ng

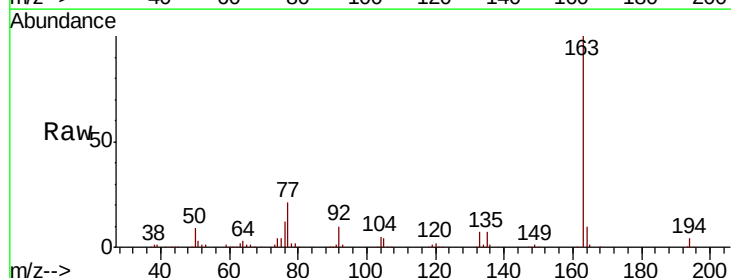
RT: 9.62 min Scan# 1280

Delta R.T. -0.01 min

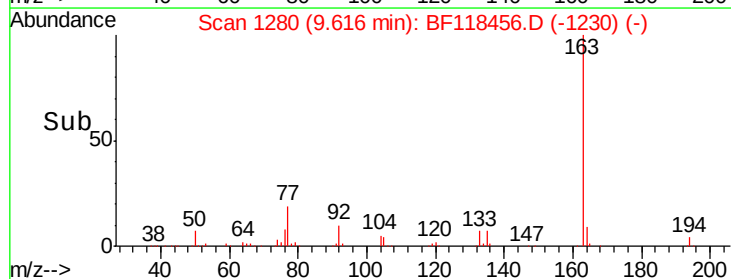
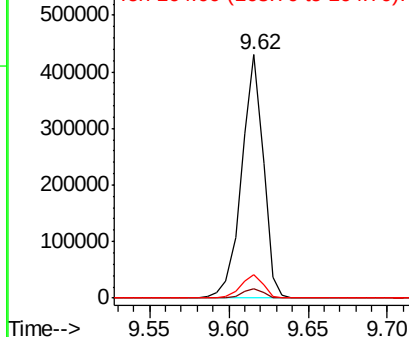
Lab File: BF118456.D

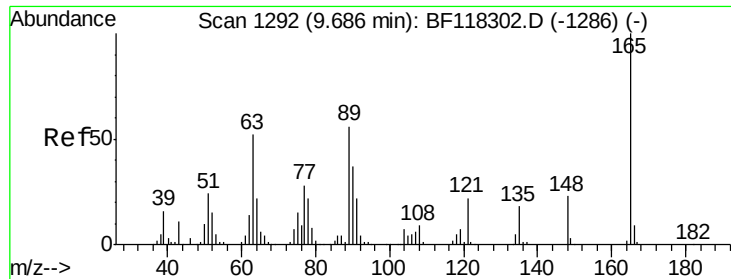
Acq: 3 Jan 2020 12:45

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
163	100		407797		
194	3.7	3.2	4.8		
164	9.8	7.9	11.9		



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: 40.912 ng

RT: 9.69 min Scan# 1292

Delta R.T. 0.00 min

Lab File: BF118456.D

Acq: 3 Jan 2020 12:45

Instrument :

BNA_F

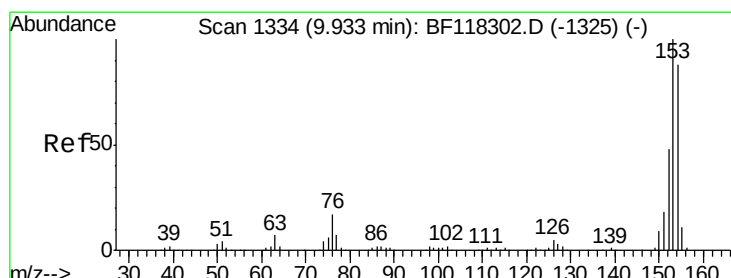
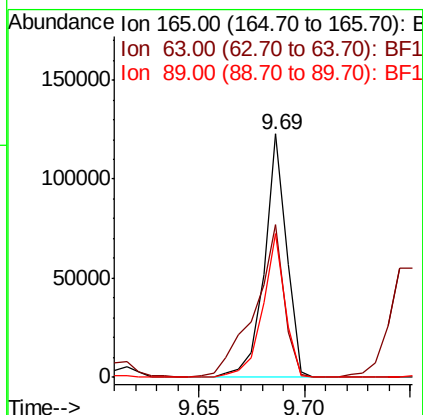
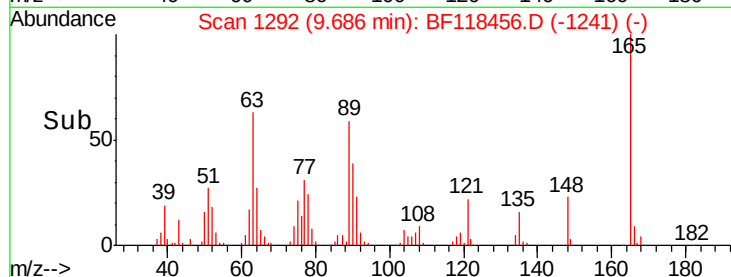
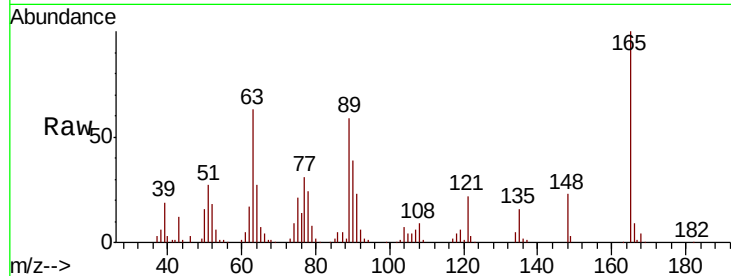
ClientSampleId :

PB125821BS

Tot Ion:	165	Resp:	89792
Ion Ratio	Lower	Upper	
165	100		
63	62.6	42.2	63.4
89	58.9	44.4	66.6

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#52

Acenaphthene

Concen: 40.496 ng

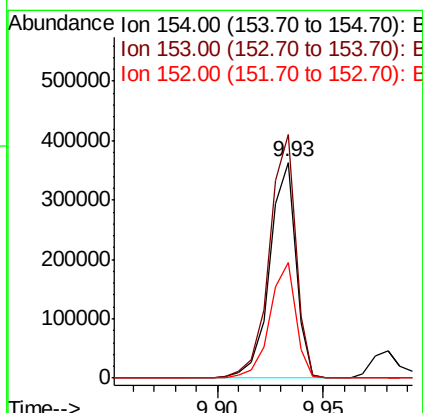
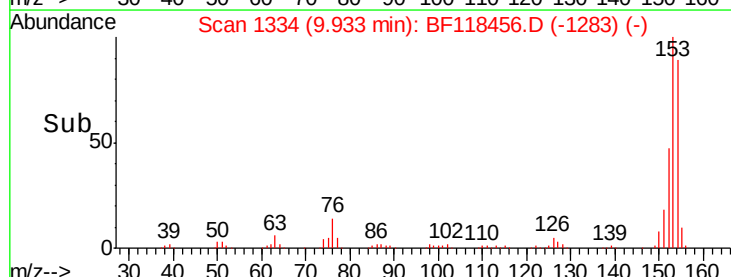
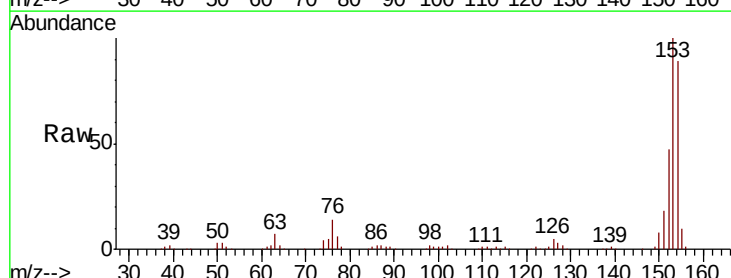
RT: 9.93 min Scan# 1334

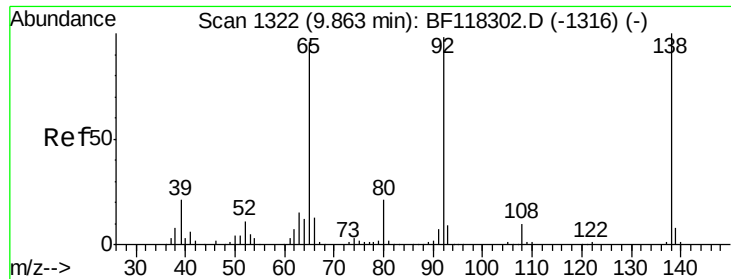
Delta R.T. 0.00 min

Lab File: BF118456.D

Acq: 3 Jan 2020 12:45

Tgt Ion:	154	Resp:	315828
Ion Ratio	Lower	Upper	
154	100		
153	112.8	90.6	136.0
152	53.4	43.1	64.7





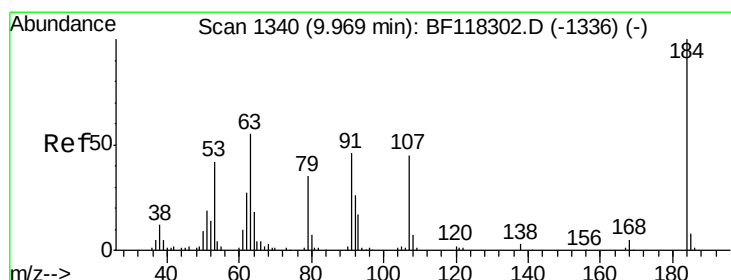
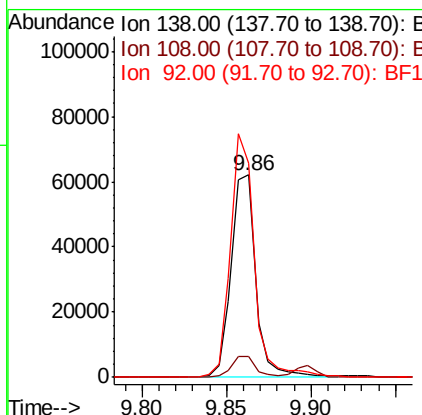
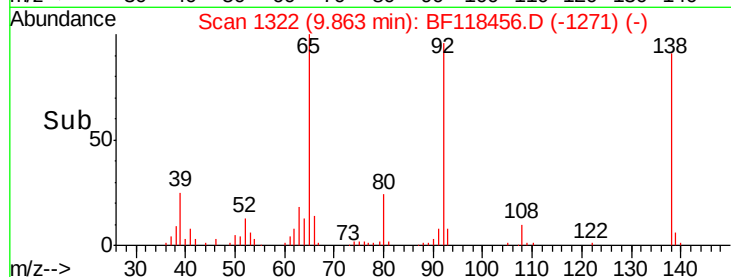
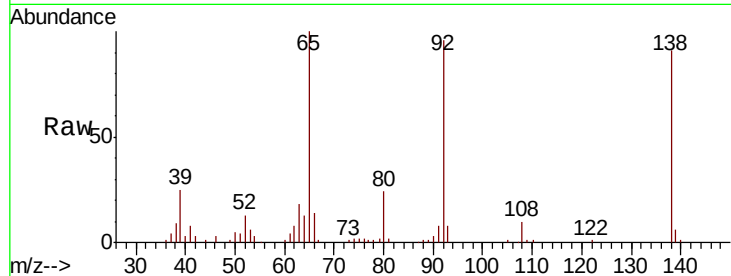
#53
3-Nitroaniline
Concen: 24.613 ng
RT: 9.86 min Scan# 1322
Delta R.T. 0.00 min
Lab File: BF118456.D
Acq: 3 Jan 2020 12:45

Instrument :
BNA_F
ClientSampleId :
PB125821BS

Tot Ion	Ratio	Lower	Upper
138	100		
108	10.5	7.8	11.8
92	105.6	78.2	117.2

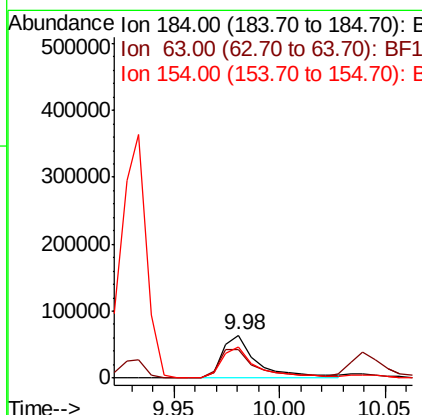
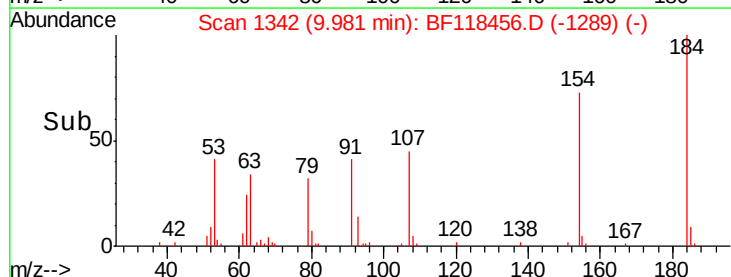
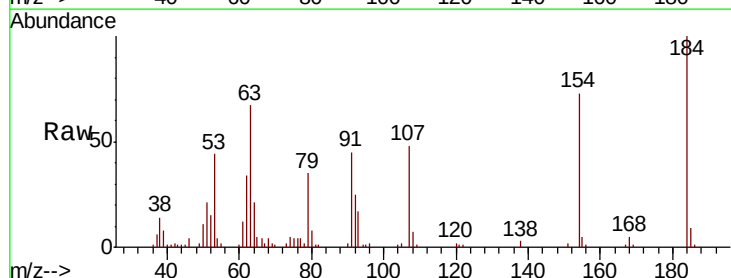
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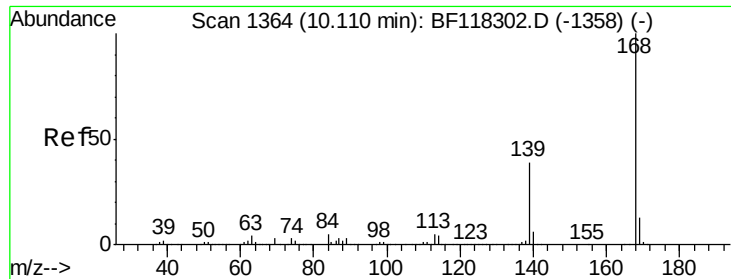
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#54
2,4-Dinitrophenol
Concen: 67.249 ng
RT: 9.98 min Scan# 1342
Delta R.T. 0.01 min
Lab File: BF118456.D
Acq: 3 Jan 2020 12:45

Tgt Ion	Ratio	Lower	Upper
184	100		
63	67.5	48.8	73.2
154	72.9	55.0	82.4





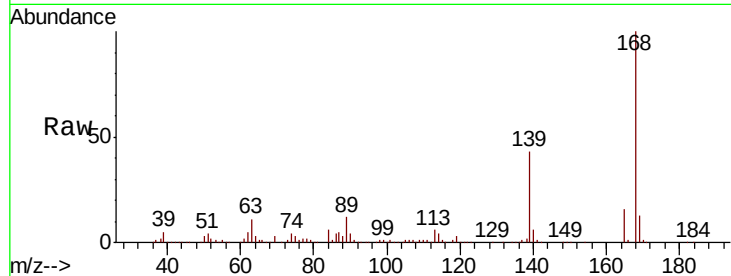
#55
Dibenzofuran
Concen: 42.467 ng
RT: 10.10 min Scan# 1363
Delta R.T. -0.01 min
Lab File: BF118456.D
Acq: 3 Jan 2020 12:45

Instrument :
BNA_F
ClientSampleId :
PB125821BS

Tot Ion	Ratio	Lower	Upper
168	100		
139	43.0	31.5	47.3
169	13.3	10.4	15.6

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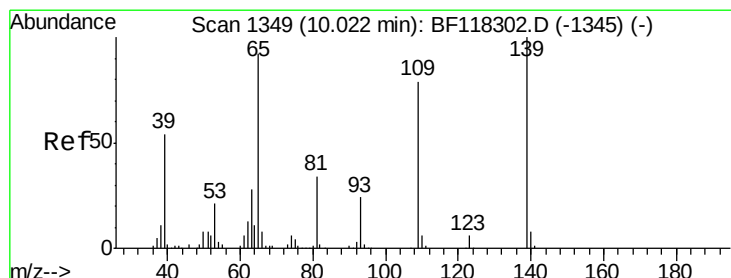
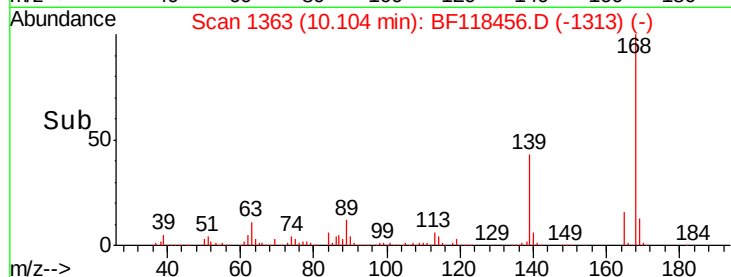
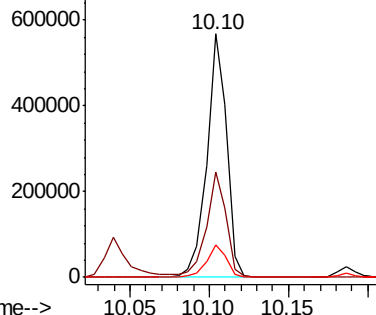


Abundance

Ion 168.00 (167.70 to 168.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 169.00 (168.70 to 169.70): E



#56
4-Nitrophenol
Concen: 59.224 ng
RT: 10.04 min Scan# 1352
Delta R.T. 0.02 min
Lab File: BF118456.D
Acq: 3 Jan 2020 12:45

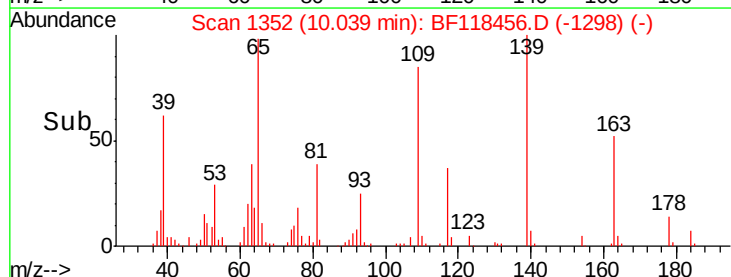
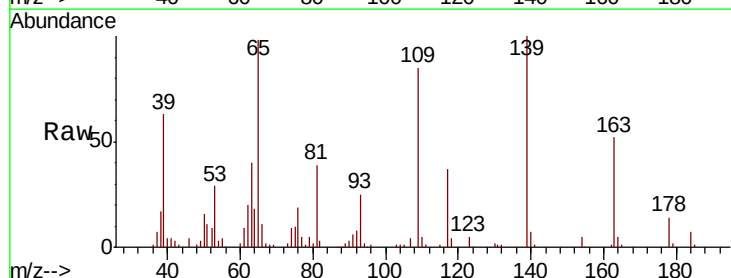
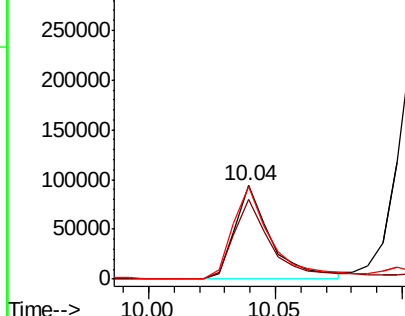
Tgt Ion	Ratio	Lower	Upper
139	100		
109	85.0	59.3	99.3
65	98.1	72.4	112.4

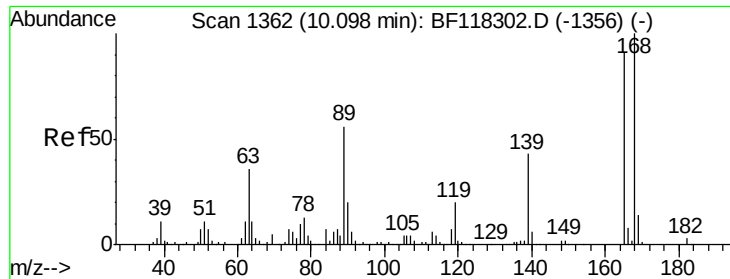
Abundance

Ion 139.00 (138.70 to 139.70): E

Ion 109.00 (108.70 to 109.70): E

Ion 65.00 (64.70 to 65.70): BF1





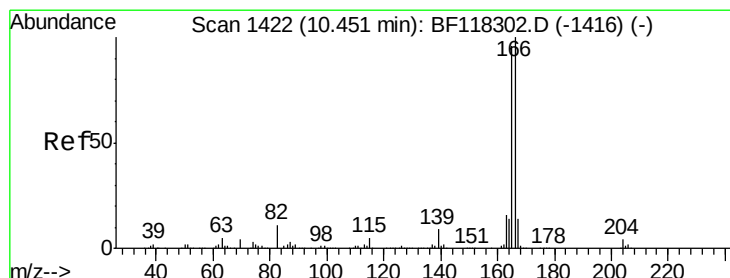
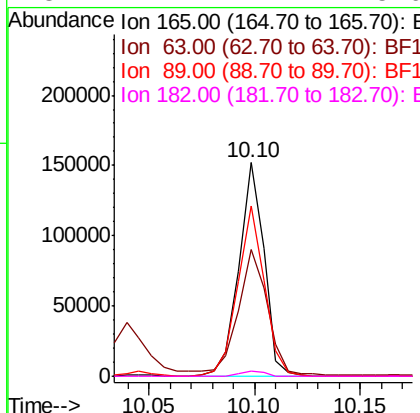
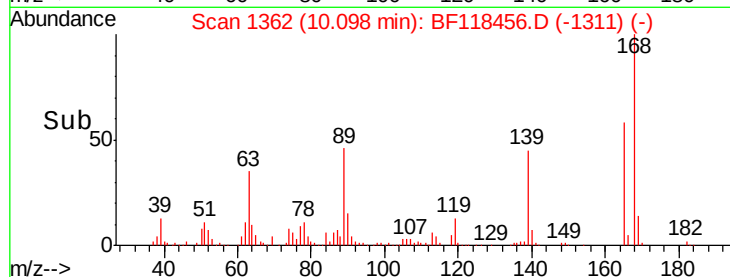
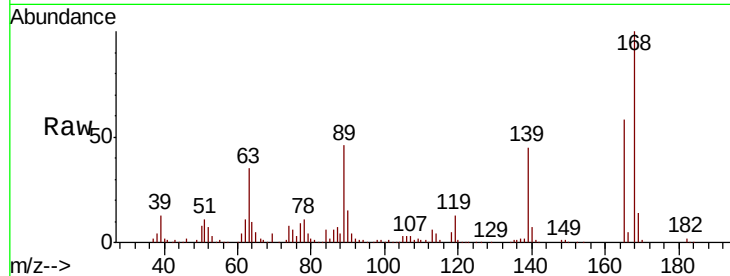
#57
2,4-Dinitrotoluene
Concen: 42.744 ng
RT: 10.10 min Scan# 1362
Delta R.T. 0.00 min
Lab File: BF118456.D
Acq: 3 Jan 2020 12:45

Instrument :
BNA_F
ClientSampleId :
PB125821BS

Tot Ion	Ratio	Resp Lower	Resp Upper
165	100		
63	59.4	32.0	48.0#
89	79.6	49.3	73.9#
182	2.7	2.4	3.6

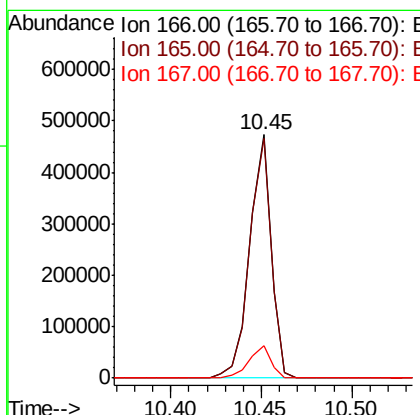
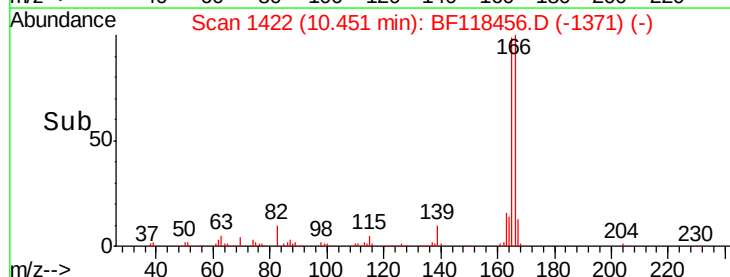
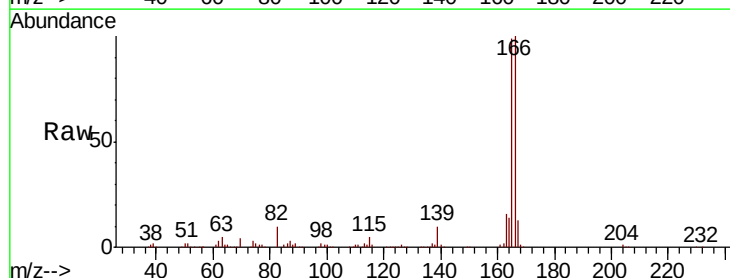
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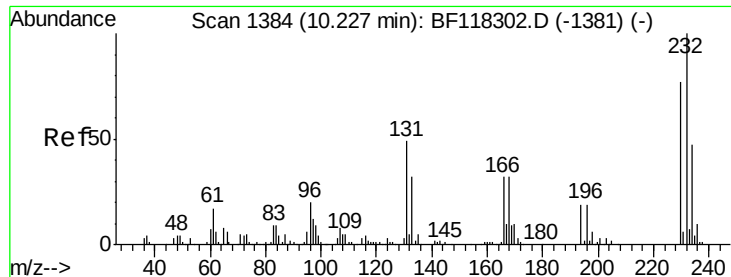
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#58
Fluorene
Concen: 42.016 ng
RT: 10.45 min Scan# 1422
Delta R.T. 0.00 min
Lab File: BF118456.D
Acq: 3 Jan 2020 12:45

Tgt Ion	Ratio	Resp Lower	Resp Upper
166	100		
165	98.7	77.0	115.4
167	13.2	10.9	16.3





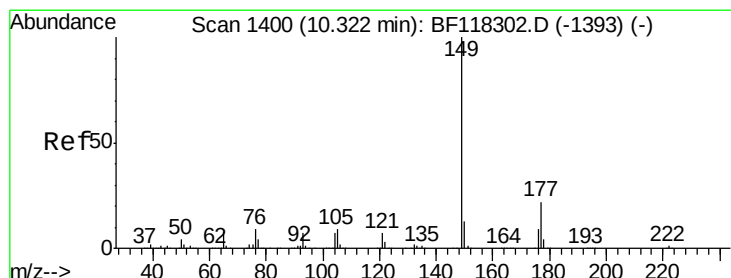
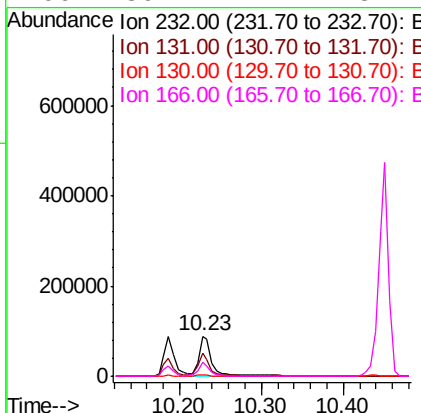
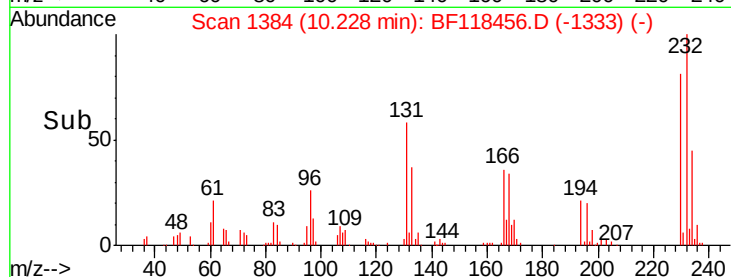
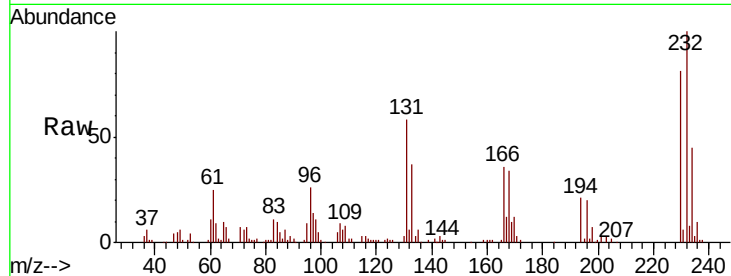
#59
2,3,4,6-Tetrachlorophenol
Concen: 41.771 ng
RT: 10.23 min Scan# 1384
Delta R.T. 0.00 min
Lab File: BF118456.D
Acq: 3 Jan 2020 12:45

Instrument :
BNA_F
ClientSampleId :
PB125821BS

Tot Ion	Ratio	Lower	Upper
232	100		
131	49.0	37.7	56.5
130	2.8	2.0	3.0
166	30.7	24.7	37.1

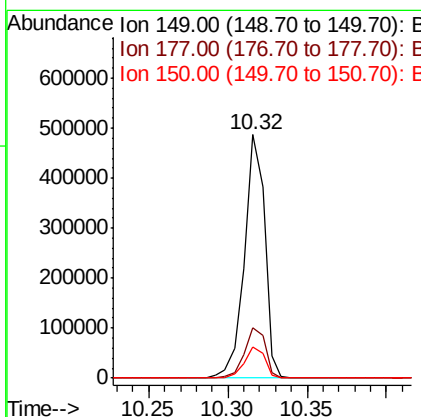
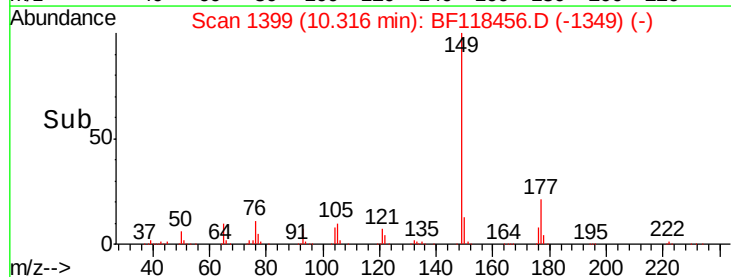
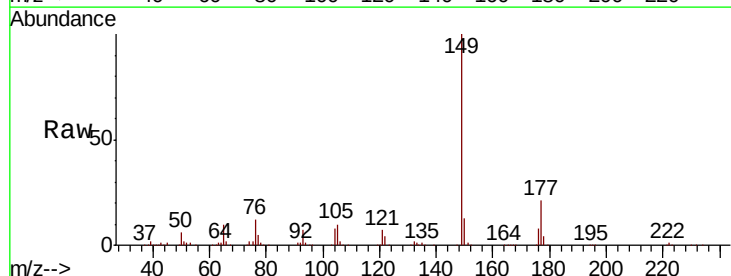
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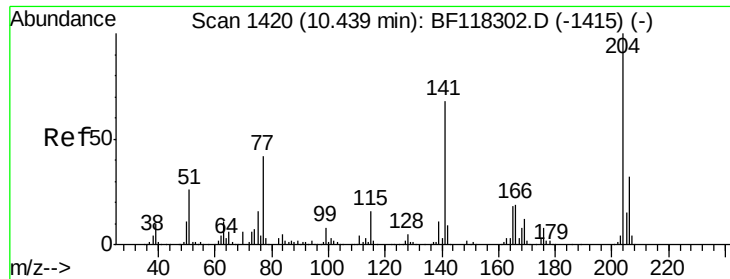
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#60
Diethylphthalate
Concen: 42.757 ng
RT: 10.32 min Scan# 1399
Delta R.T. -0.01 min
Lab File: BF118456.D
Acq: 3 Jan 2020 12:45

Tgt Ion	Ratio	Lower	Upper
149	100		
177	20.5	17.9	26.9
150	12.6	10.2	15.2





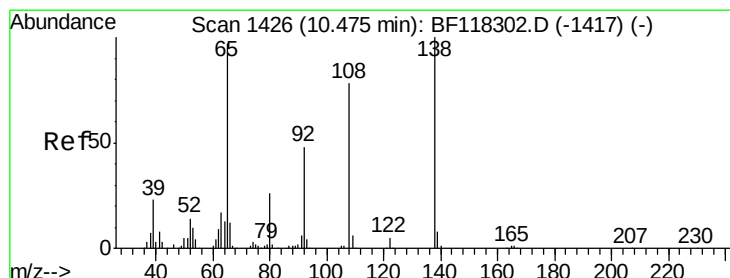
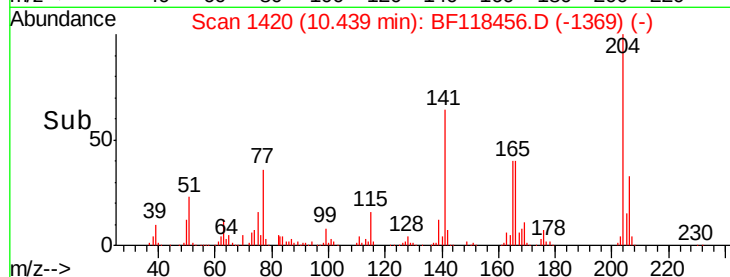
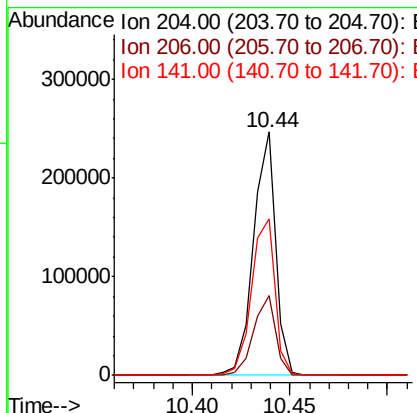
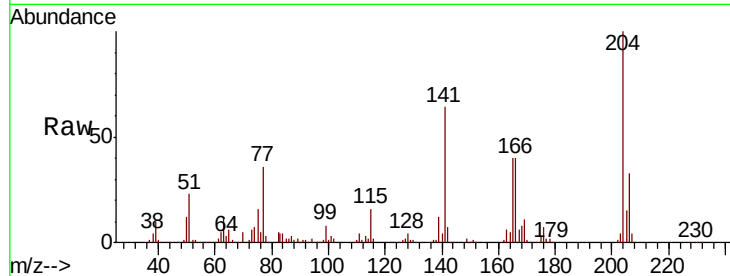
#61
 4-Chlorophenyl-phenylether
 Concen: 41.776 ng
 RT: 10.44 min Scan# 1420
 Delta R.T. 0.00 min
 Lab File: BF118456.D
 Acq: 3 Jan 2020 12:45

Instrument :
 BNA_F
 ClientSampleId :
 PB125821BS

Tot Ion:	204	Resp:	194005
Ion Ratio	Lower	Upper	
204	100		
206	33.0	25.8	38.8
141	64.1	54.2	81.4

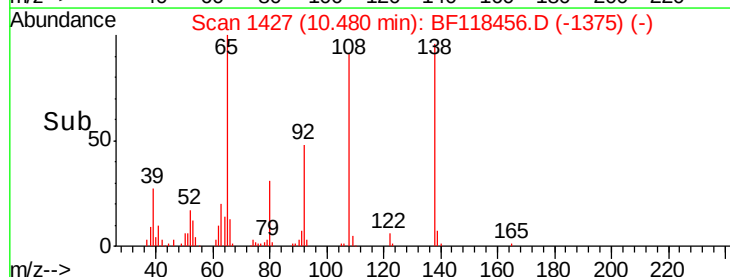
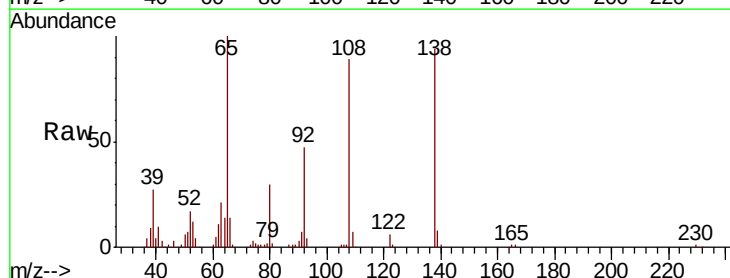
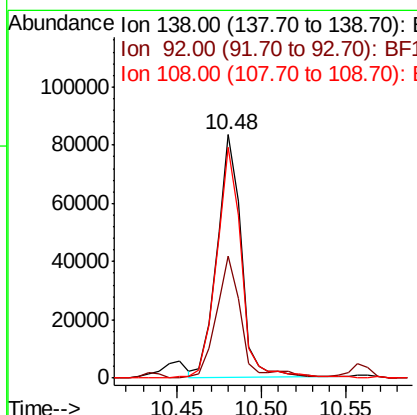
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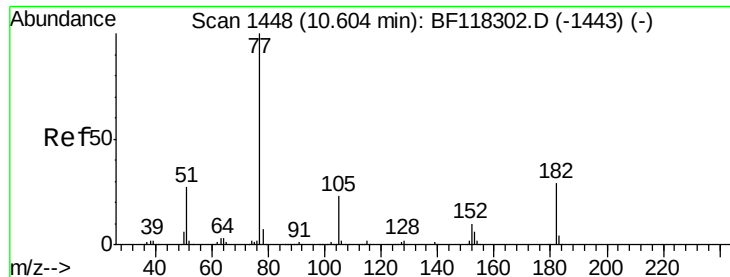
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#62
 4-Nitroaniline
 Concen: 30.987 ng
 RT: 10.48 min Scan# 1427
 Delta R.T. 0.01 min
 Lab File: BF118456.D
 Acq: 3 Jan 2020 12:45

Tgt Ion:	138	Resp:	82924
Ion Ratio	Lower	Upper	
138	100		
92	50.3	27.9	67.9
108	94.8	58.1	98.1





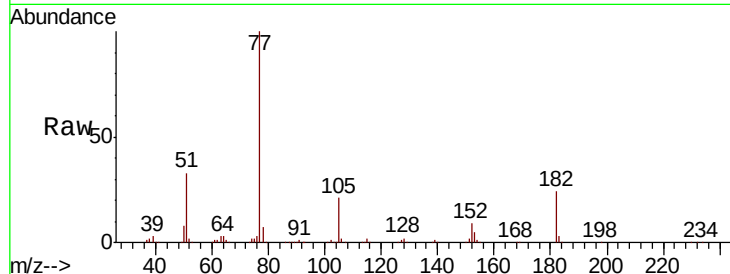
#63
Azobenzene
Concen: 44.264 ng
RT: 10.60 min Scan# 1447
Delta R.T. -0.01 min
Lab File: BF118456.D
Acq: 3 Jan 2020 12:45

Instrument :
BNA_F
ClientSampleId :
PB125821BS

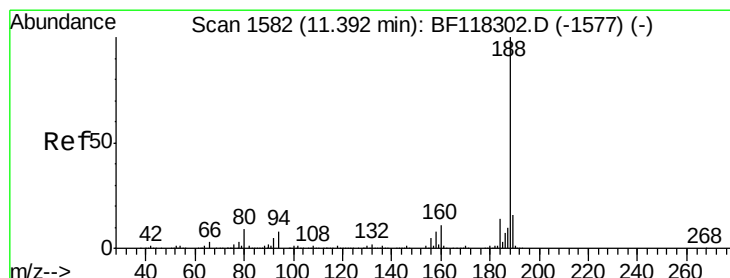
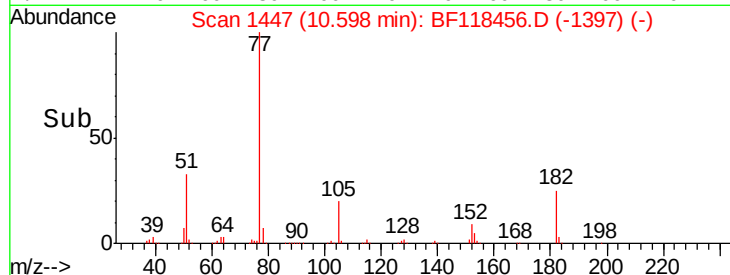
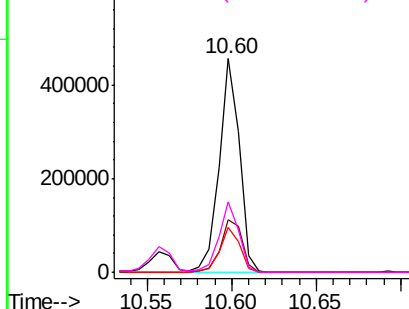
Tot Ion	Ratio	Lower	Upper
77	100		
182	24.4	9.2	49.2
105	20.8	3.2	43.2
51	33.2	7.1	47.1

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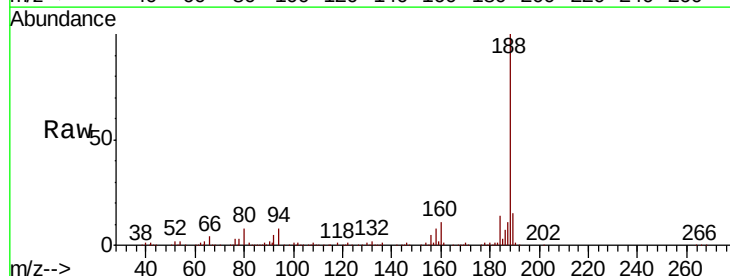


Abundance Ion 77.00 (76.70 to 77.70): BF1
Ion 182.00 (181.70 to 182.70): E
Ion 105.00 (104.70 to 105.70): E
Ion 51.00 (50.70 to 51.70): BF1

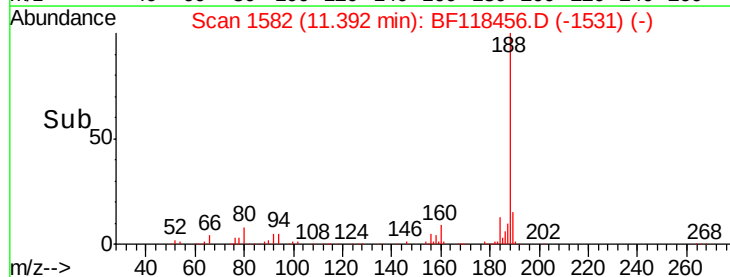
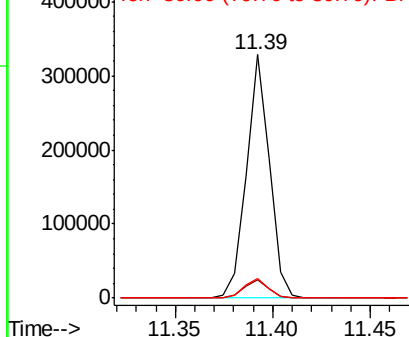


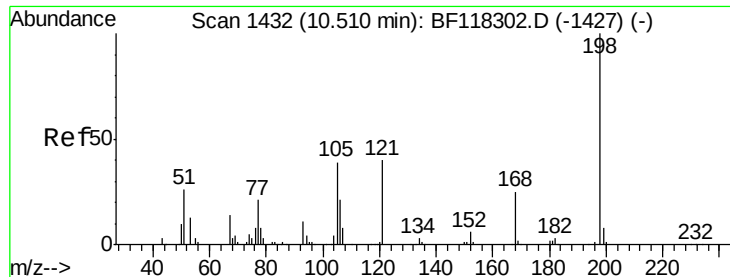
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.39 min Scan# 1582
Delta R.T. 0.00 min
Lab File: BF118456.D
Acq: 3 Jan 2020 12:45

Tgt Ion	Ratio	Lower	Upper
188	100		
94	7.7	6.7	10.1
80	8.3	7.2	10.8



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





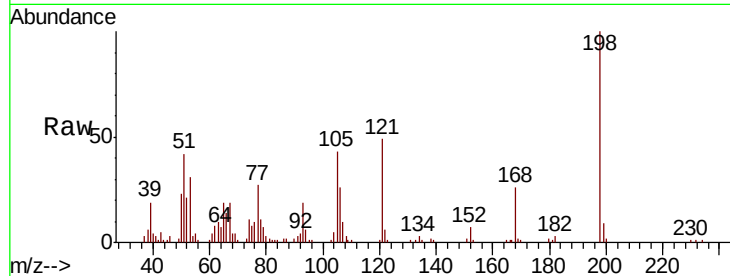
#65
4,6-Dinitro-2-methylphenol
Concen: 39.084 ng
RT: 10.52 min Scan# 1433
Delta R.T. 0.01 min
Lab File: BF118456.D
Acq: 3 Jan 2020 12:45

Instrument :
BNA_F
ClientSampleId :
PB125821BS

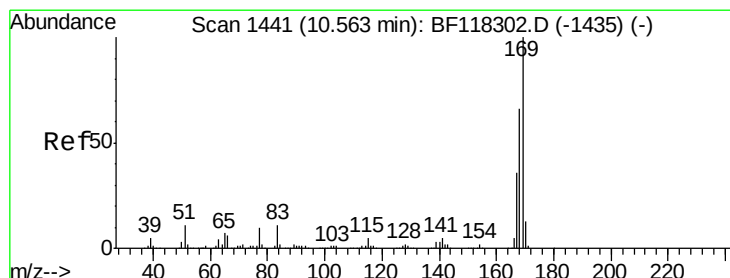
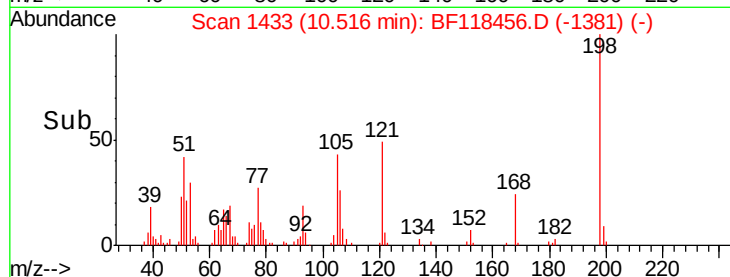
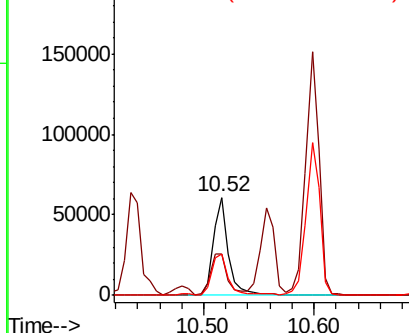
Tot Ion	Ratio	Lower	Upper
198	100		
51	41.6	12.8	52.8
105	42.7	20.3	60.3

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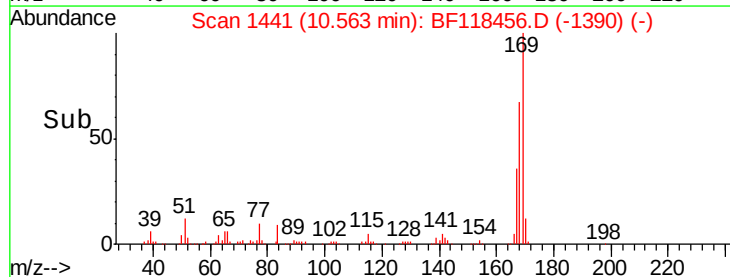
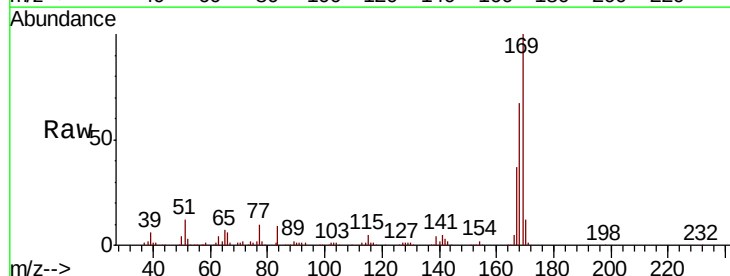
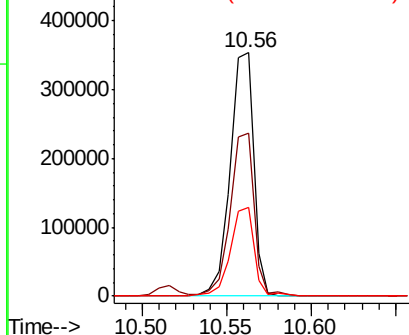
Abundance Ion 198.00 (197.70 to 198.70): E
Ion 51.00 (50.70 to 51.70): BF1
Ion 105.00 (104.70 to 105.70): E

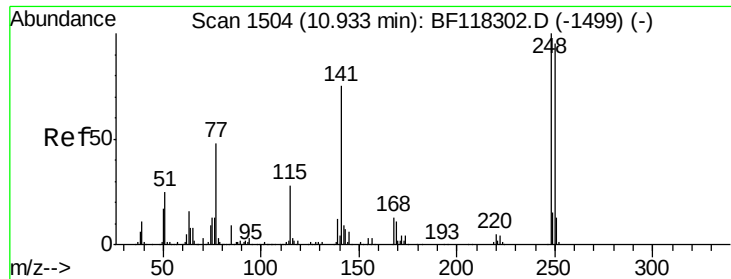


#66
n-Nitrosodiphenylamine
Concen: 39.653 ng
RT: 10.56 min Scan# 1441
Delta R.T. 0.00 min
Lab File: BF118456.D
Acq: 3 Jan 2020 12:45

Tgt Ion	Ratio	Lower	Upper
169	100		
168	66.9	52.6	79.0
167	36.6	28.4	42.6

Abundance Ion 169.00 (168.70 to 169.70): E
Ion 168.00 (167.70 to 168.70): E
Ion 167.00 (166.70 to 167.70): E





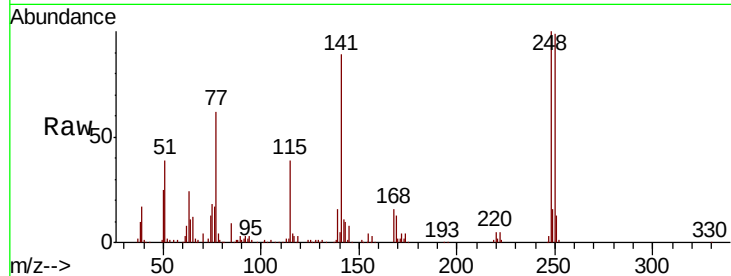
#67
4-Bromophenyl-phenylether
Concen: 37.554 ng
RT: 10.93 min Scan# 1503
Delta R.T. -0.01 min
Lab File: BF118456.D
Acq: 3 Jan 2020 12:45

Instrument :
BNA_F
ClientSampleId :
PB125821BS

Tot Ion	Ratio	Lower	Upper
248	100		
250	98.5	76.4	114.6
141	89.1	60.2	90.2

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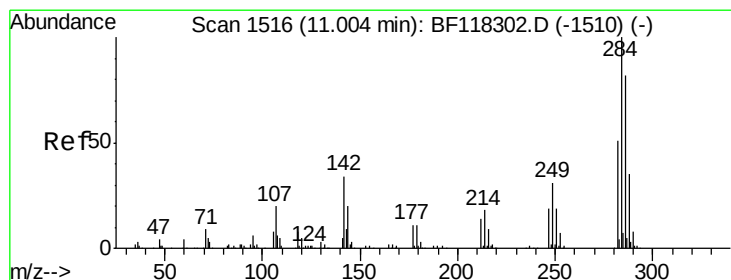
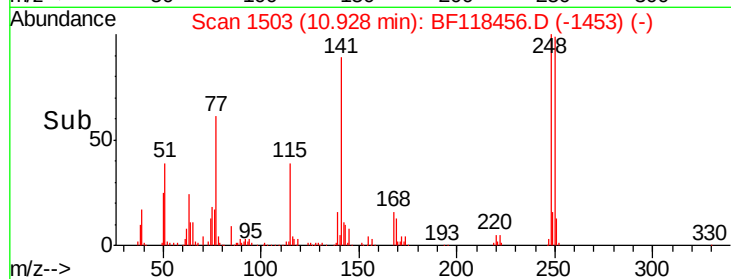
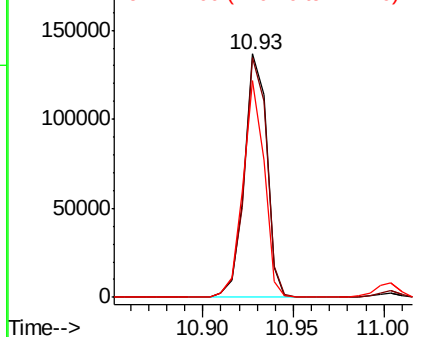


Abundance

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: 37.011 ng
RT: 11.00 min Scan# 1516
Delta R.T. 0.00 min
Lab File: BF118456.D
Acq: 3 Jan 2020 12:45

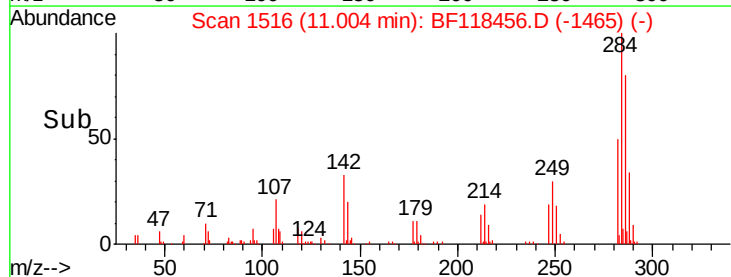
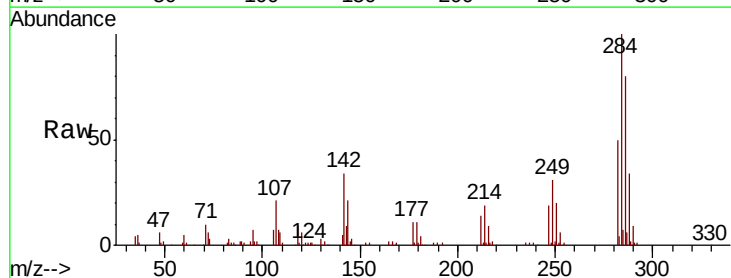
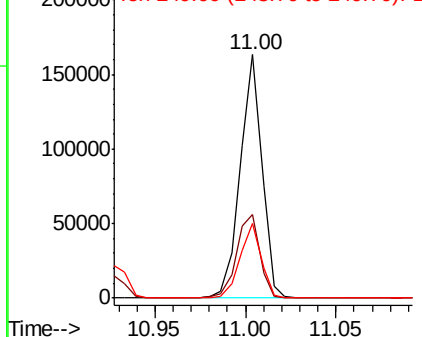
Tgt Ion	Ratio	Lower	Upper
284	100		
142	34.4	27.3	40.9
249	30.7	25.0	37.6

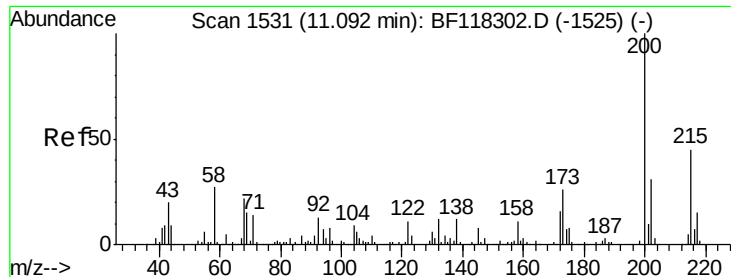
Abundance

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





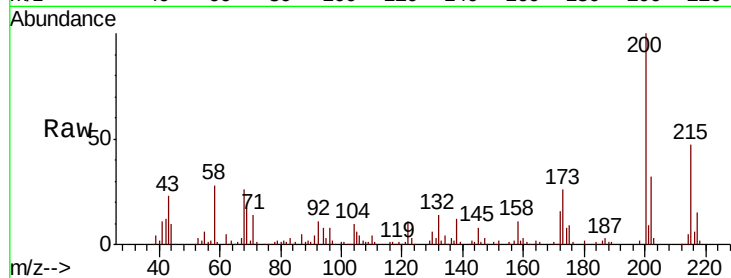
#69
Atrazine
Concen: 38.799 ng
RT: 11.09 min Scan# 1531
Delta R.T. 0.00 min
Lab File: BF118456.D
Acq: 3 Jan 2020 12:45

Instrument :
BNA_F
ClientSampleId :
PB125821BS

Tot Ion	Ratio	Resp Lower	Resp Upper
200	100		
173	25.9	5.8	45.8
215	47.1	25.1	65.1

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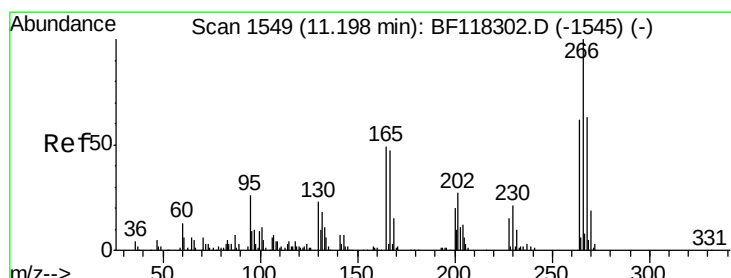
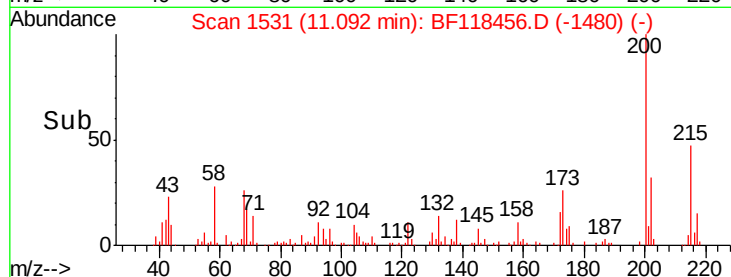
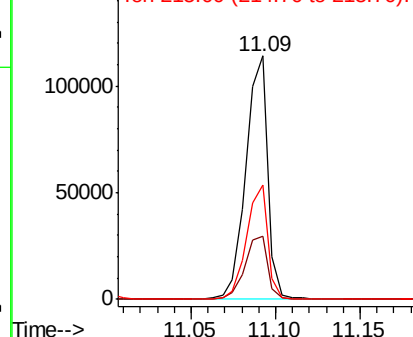


Abundance

Ion 200.00 (199.70 to 200.70): E

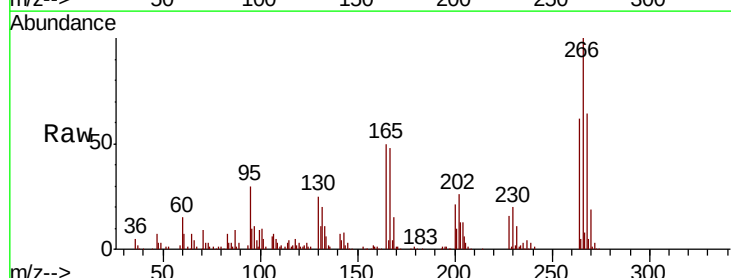
Ion 173.00 (172.70 to 173.70): E

Ion 215.00 (214.70 to 215.70): E



#70
Pentachlorophenol
Concen: 104.095 ng
RT: 11.20 min Scan# 1550
Delta R.T. 0.01 min
Lab File: BF118456.D
Acq: 3 Jan 2020 12:45

Tgt Ion	Ratio	Resp Lower	Resp Upper
266	100		
268	64.3	50.6	76.0
264	62.4	49.9	74.9

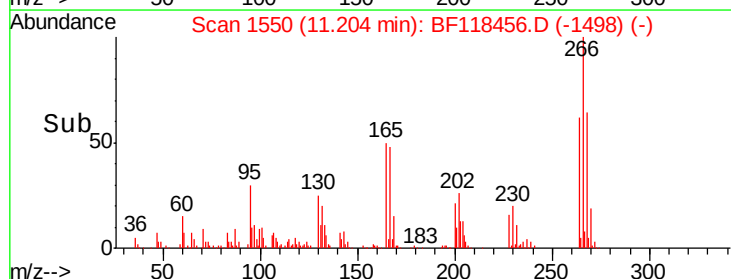
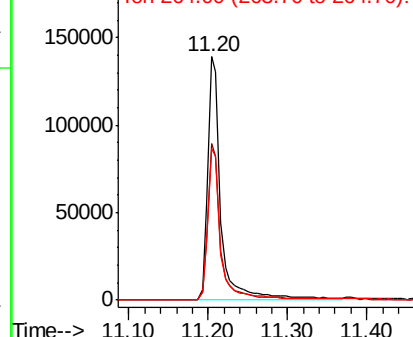


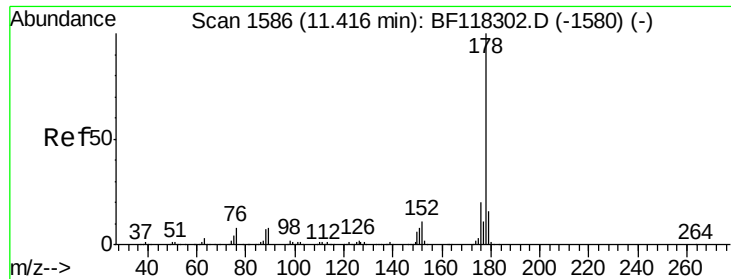
Abundance

Ion 265.70 (265.40 to 266.40): E

Ion 268.00 (267.70 to 268.70): E

Ion 264.00 (263.70 to 264.70): E





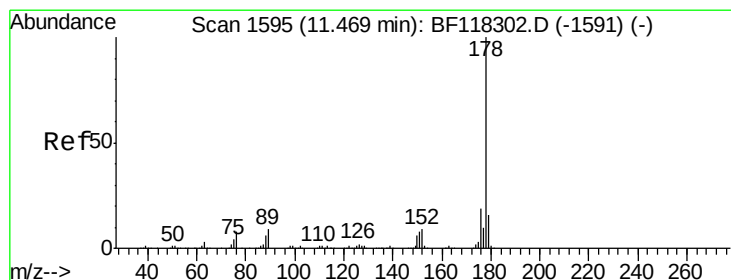
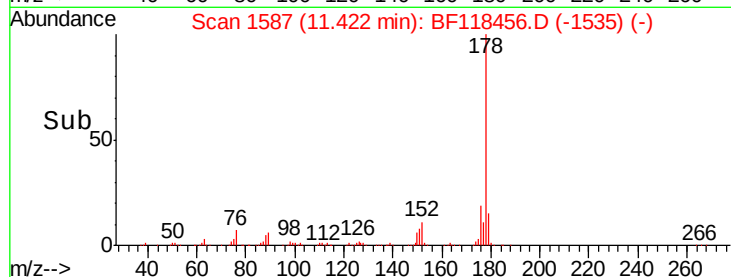
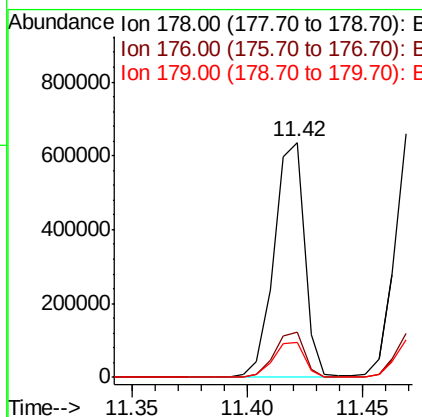
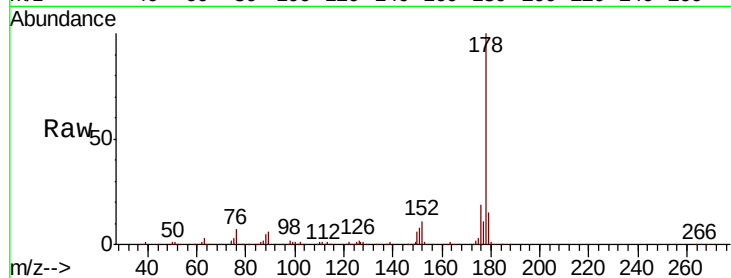
#71
Phenanthrene
Concen: 39.707 ng
RT: 11.42 min Scan# 1587
Delta R.T. 0.01 min
Lab File: BF118456.D
Acq: 3 Jan 2020 12:45

Instrument :
BNA_F
ClientSampled :
PB125821BS

Tot Ion	Ratio	Lower	Upper
178	100		
176	19.3	15.6	23.4
179	14.9	12.6	19.0

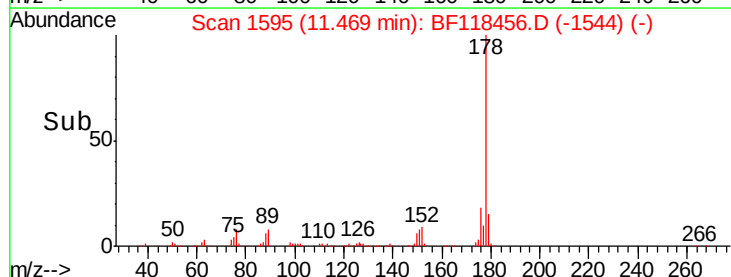
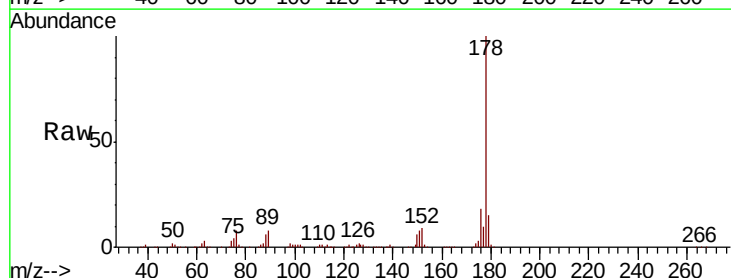
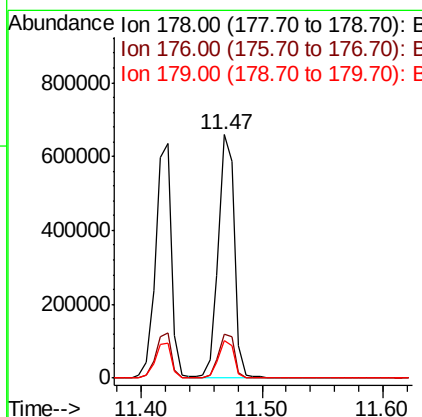
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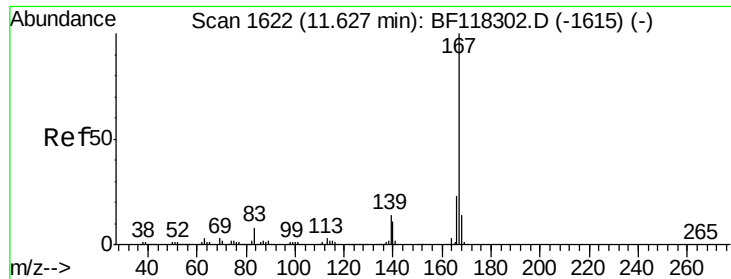
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#72
Anthracene
Concen: 40.847 ng
RT: 11.47 min Scan# 1595
Delta R.T. 0.00 min
Lab File: BF118456.D
Acq: 3 Jan 2020 12:45

Tgt Ion	Ratio	Lower	Upper
178	100		
176	18.2	15.2	22.8
179	15.3	12.9	19.3





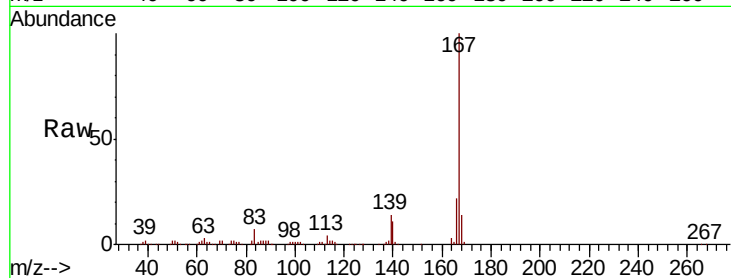
#73
 Carbazole
 Concen: 38.609 ng
 RT: 11.63 min Scan# 1622
 Delta R.T. 0.00 min
 Lab File: BF118456.D
 Acq: 3 Jan 2020 12:45

Instrument :
 BNA_F
 ClientSampleId :
 PB125821BS

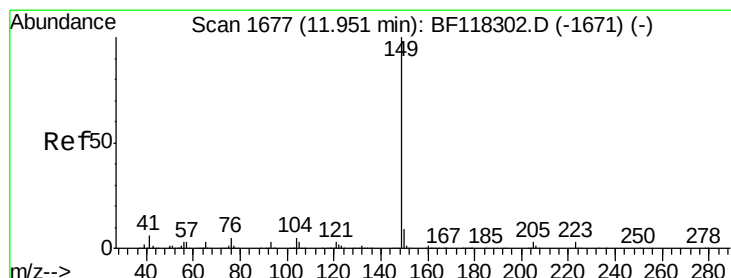
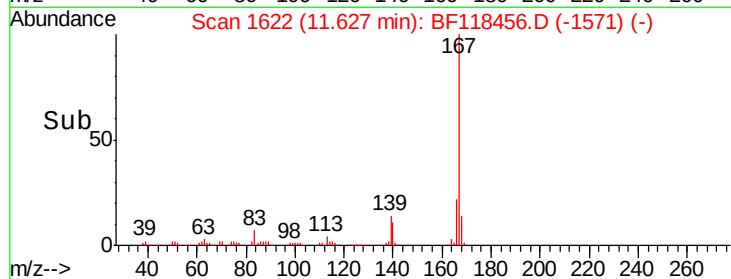
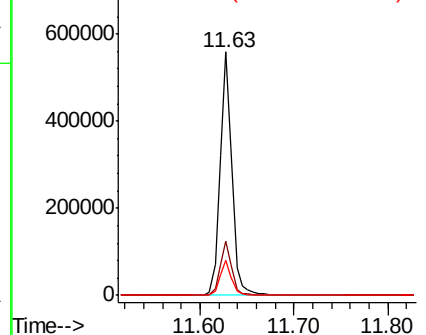
Tot Ion	Ratio	Lower	Upper
167	100		
166	22.0	18.1	27.1
139	14.3	11.5	17.3

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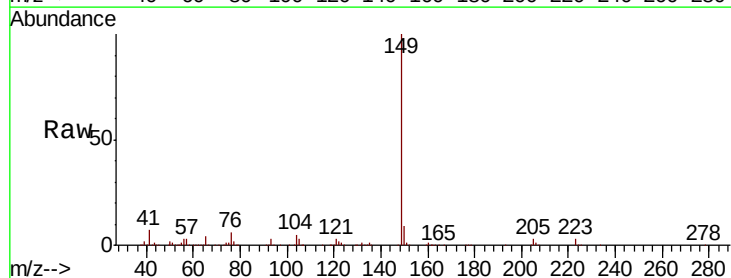


Abundance Ion 167.00 (166.70 to 167.70): E
 Ion 166.00 (165.70 to 166.70): E
 Ion 139.00 (138.70 to 139.70): E

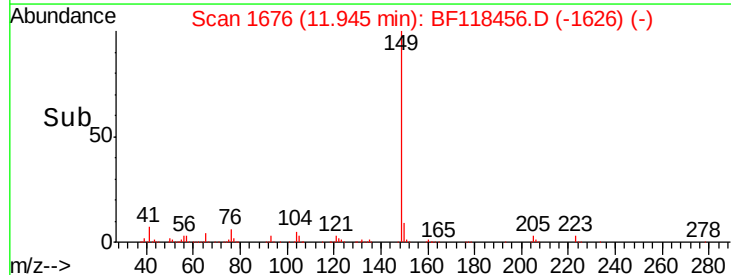
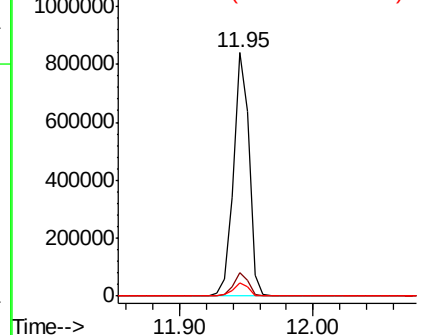


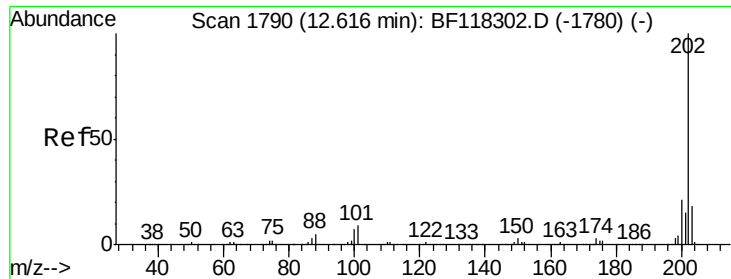
#74
 Di-n-butylphthalate
 Concen: 42.347 ng
 RT: 11.95 min Scan# 1676
 Delta R.T. -0.01 min
 Lab File: BF118456.D
 Acq: 3 Jan 2020 12:45

Tgt Ion	Ratio	Lower	Upper
149	100		
150	9.5	7.5	11.3
104	5.4	4.0	6.0



Abundance Ion 149.00 (148.70 to 149.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 104.00 (103.70 to 104.70): E





#75

Fluoranthene

Concen: 40.529 ng

RT: 12.62 min Scan# 1790

Delta R.T. 0.00 min

Lab File: BF118456.D

Acq: 3 Jan 2020 12:45

Instrument :

BNA_F

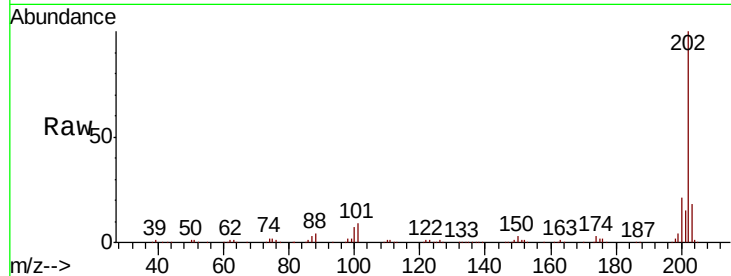
ClientSampleId :

PB125821BS

Tot Ion	Ratio	Resp Lower	Upper
202	100		
101	9.3	0.0	29.5
203	17.8	0.0	37.6

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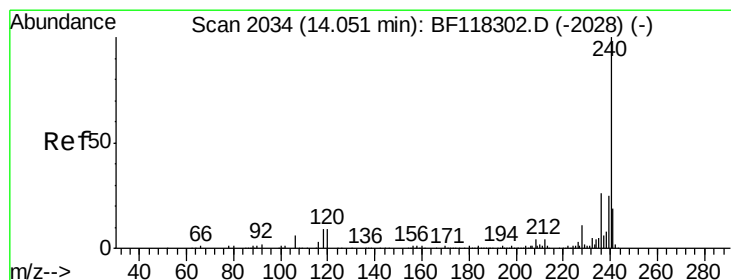
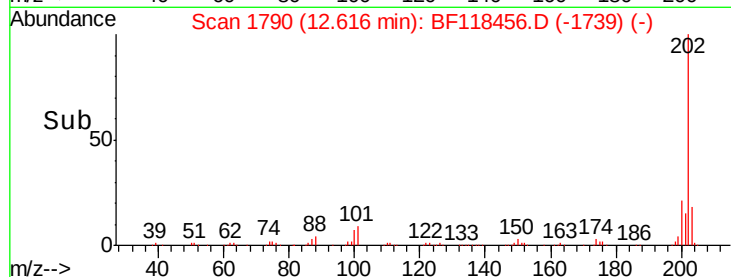
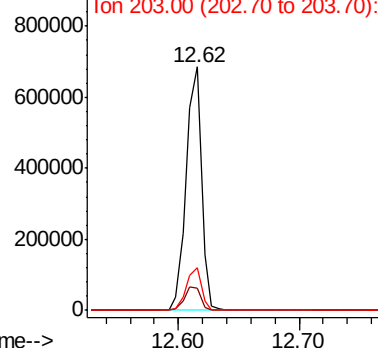


Abundance

Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E



#76

Chrysene-d12

Concen: 20.000 ng

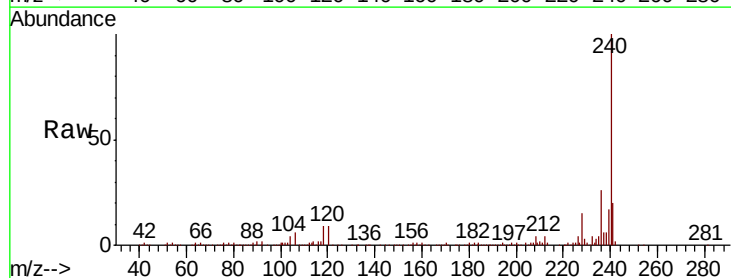
RT: 14.05 min Scan# 2034

Delta R.T. 0.00 min

Lab File: BF118456.D

Acq: 3 Jan 2020 12:45

Tgt Ion	Ratio	Resp Lower	Upper
240	100		
120	8.8	7.1	10.7
236	26.4	21.0	31.6

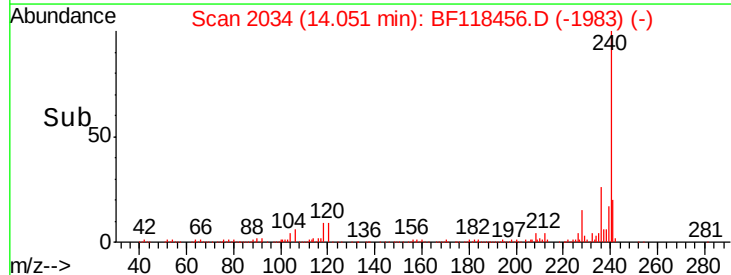
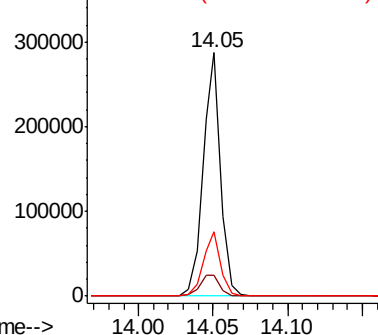


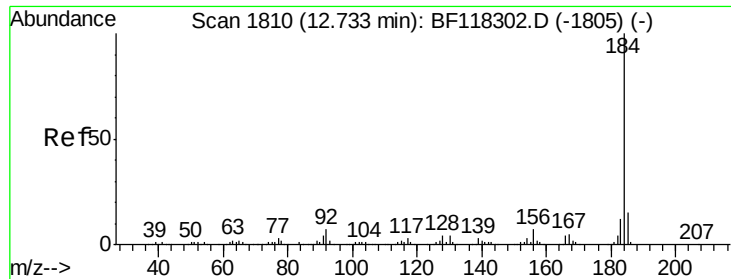
Abundance

Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#77

Benzidine

Concen: 19.287 ng

RT: 12.73 min Scan# 1810

Delta R.T. 0.00 min

Lab File: BF118456.D

Acq: 3 Jan 2020 12:45

Instrument :

BNA_F

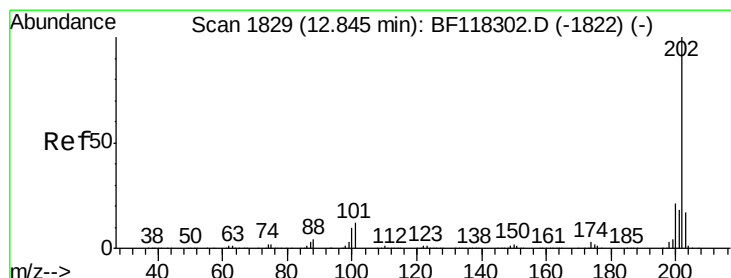
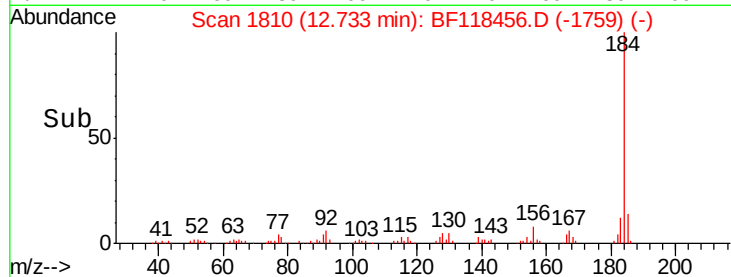
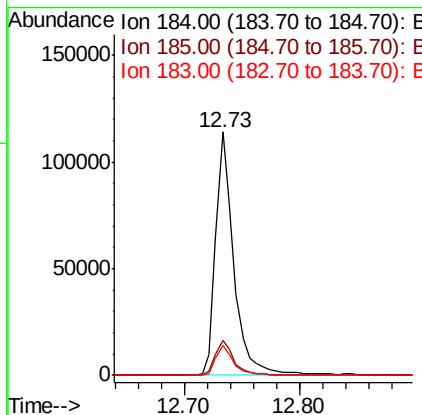
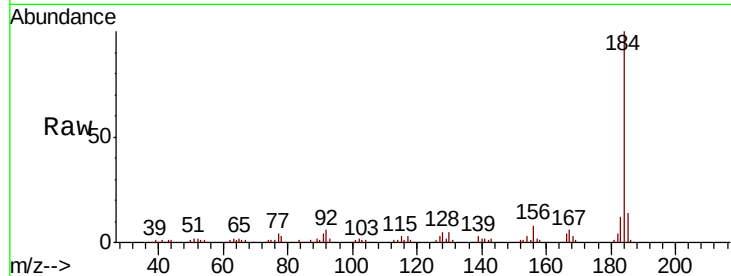
ClientSampleId :

PB125821BS

Tot Ion:	184	Resp:	124906
Ion Ratio	Lower	Upper	
184	100		
185	14.3	12.3	18.5
183	12.2	9.4	14.2

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#78

Pyrene

Concen: 31.801 ng

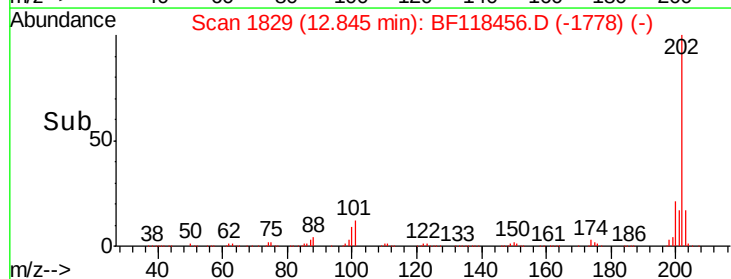
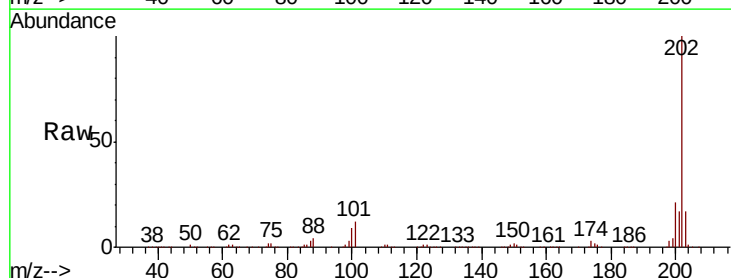
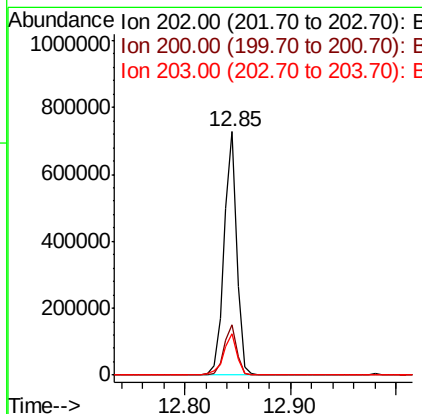
RT: 12.85 min Scan# 1829

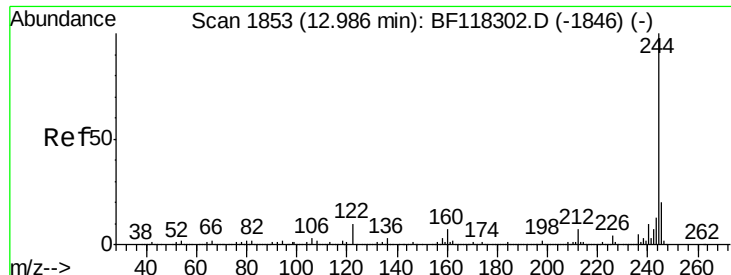
Delta R.T. 0.00 min

Lab File: BF118456.D

Acq: 3 Jan 2020 12:45

Tgt Ion:	202	Resp:	613790
Ion Ratio	Lower	Upper	
202	100		
200	20.9	16.8	25.2
203	17.2	13.9	20.9





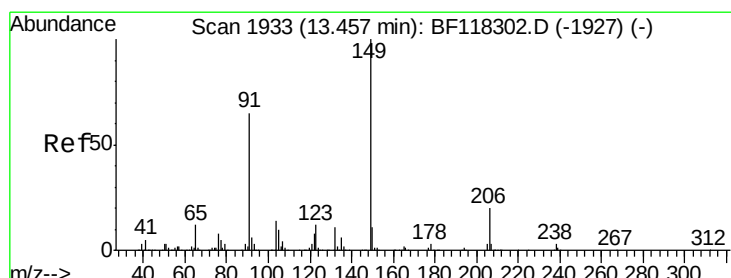
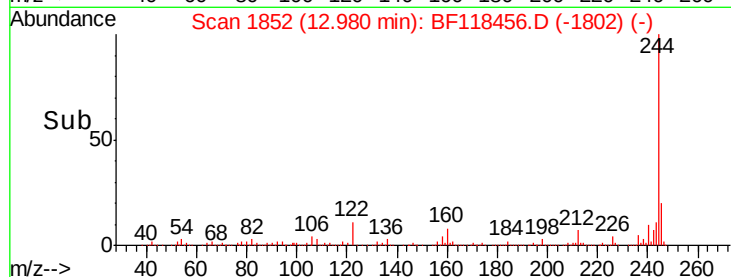
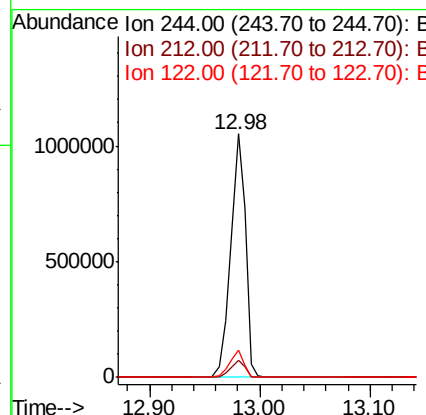
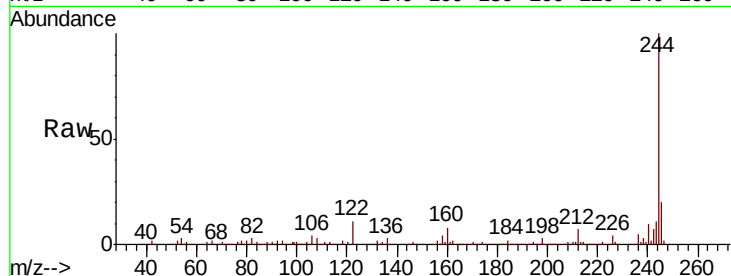
#79
 Terphenyl-d14
 Concen: 69.482 ng
 RT: 12.98 min Scan# 1852
 Delta R.T. -0.01 min
 Lab File: BF118456.D
 Acq: 3 Jan 2020 12:45

Instrument :
 BNA_F
 ClientSampleId :
 PB125821BS

Tot Ion	Ratio	Resp Lower	Upper
244	100		
212	6.9	5.4	8.2
122	11.4	7.8	11.8

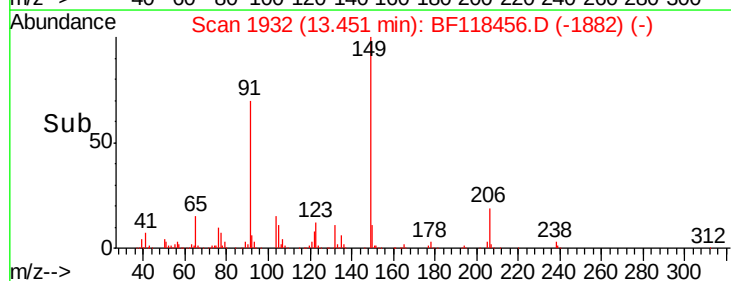
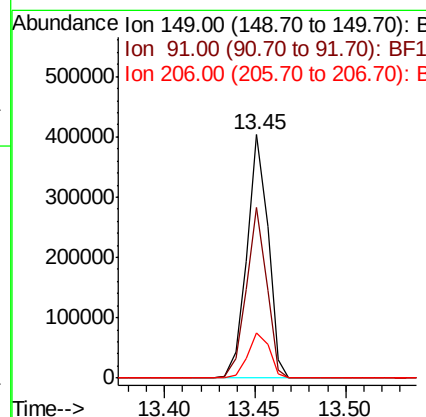
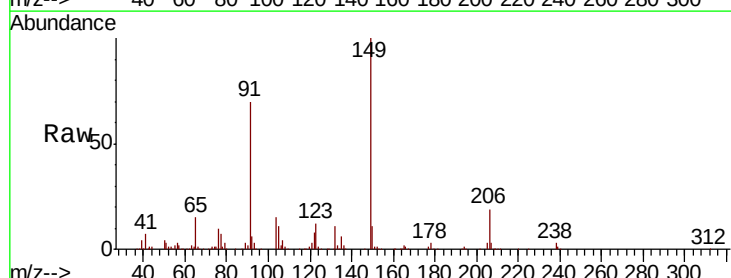
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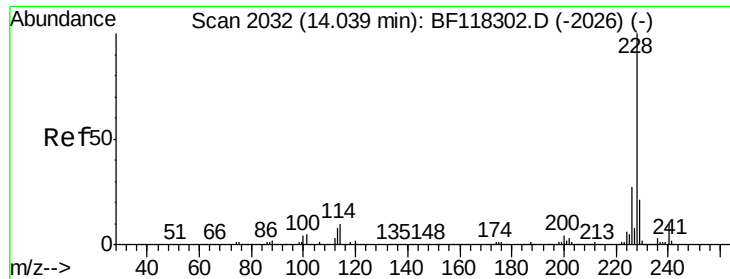
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#80
 Butylbenzylphthalate
 Concen: 37.728 ng
 RT: 13.45 min Scan# 1932
 Delta R.T. -0.01 min
 Lab File: BF118456.D
 Acq: 3 Jan 2020 12:45

Tgt Ion	Ratio	Resp Lower	Upper
149	100		
91	70.0	51.8	77.6
206	18.8	15.7	23.5





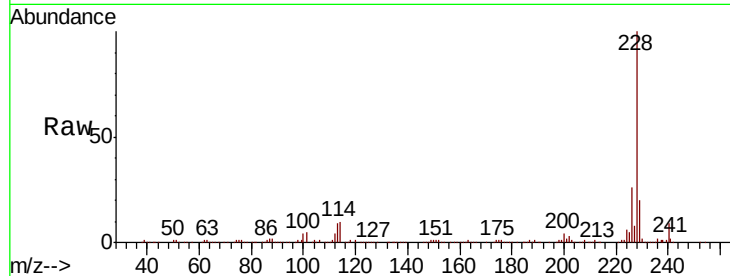
#81
Benzo(a)anthracene
Concen: 34.506 ng
RT: 14.04 min Scan# 2032
Delta R.T. 0.00 min
Lab File: BF118456.D
Acq: 3 Jan 2020 12:45

Instrument :
BNA_F
ClientSampleId :
PB125821BS

Tot Ion	Ratio	Lower	Upper
228	100		
226	26.4	22.0	33.0
229	19.8	16.6	24.8

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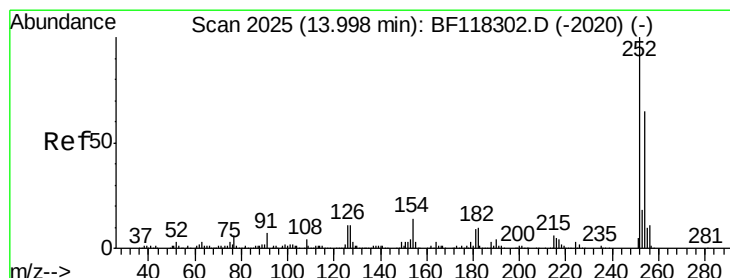
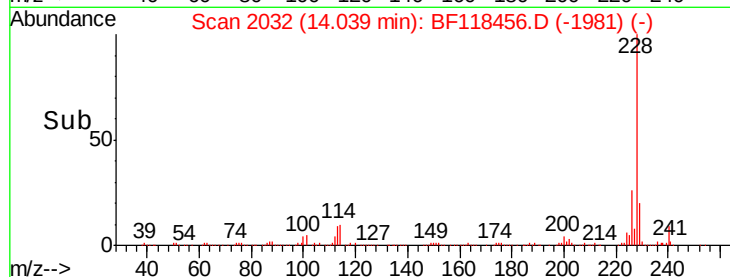
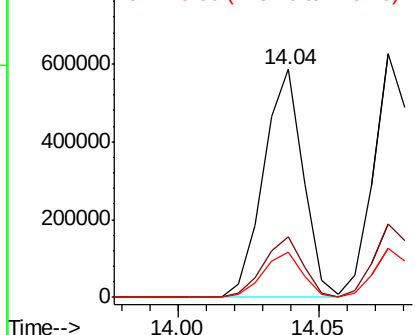


Abundance

Ion 228.00 (227.70 to 228.70): E

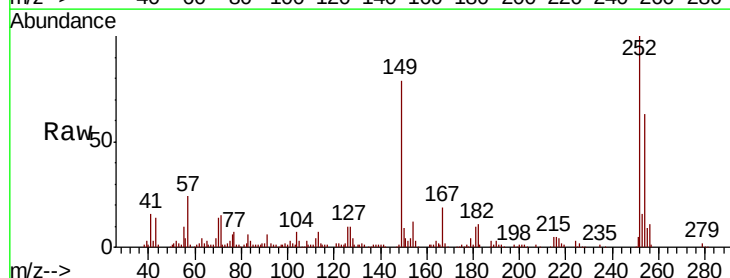
Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E



#82
3,3'-Dichlorobenzidine
Concen: 22.432 ng
RT: 14.00 min Scan# 2025
Delta R.T. 0.00 min
Lab File: BF118456.D
Acq: 3 Jan 2020 12:45

Tgt Ion	Ratio	Lower	Upper
252	100		
254	62.5	51.8	77.8
126	9.6	8.7	13.1

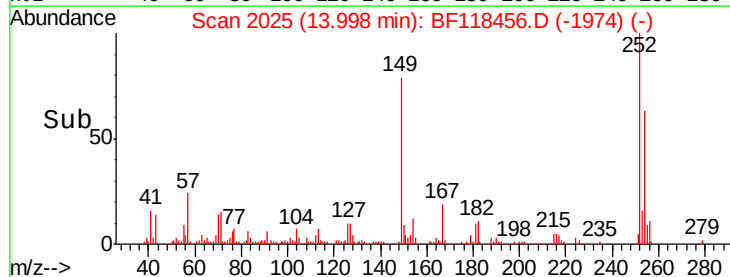
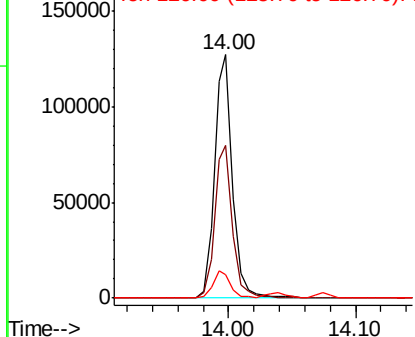


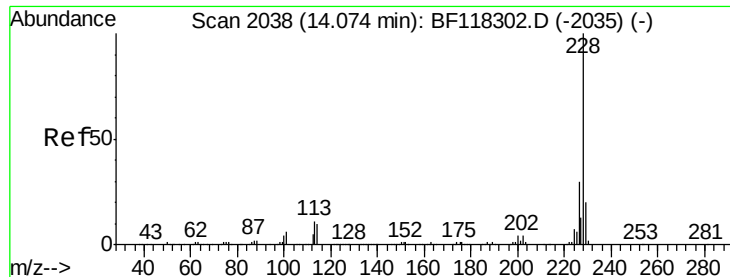
Abundance

Ion 252.00 (251.70 to 252.70): E

Ion 254.00 (253.70 to 254.70): E

Ion 126.00 (125.70 to 126.70): E





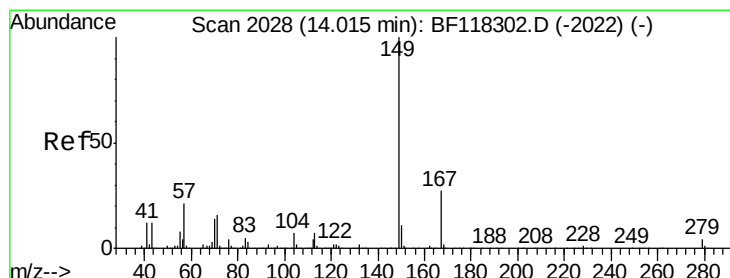
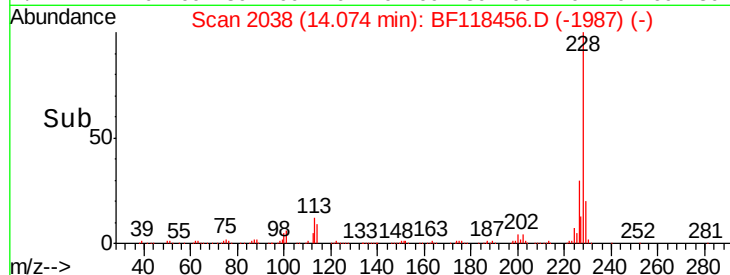
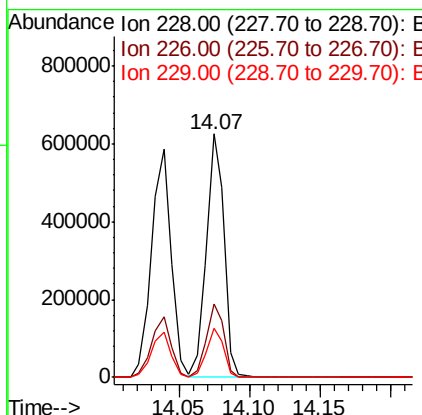
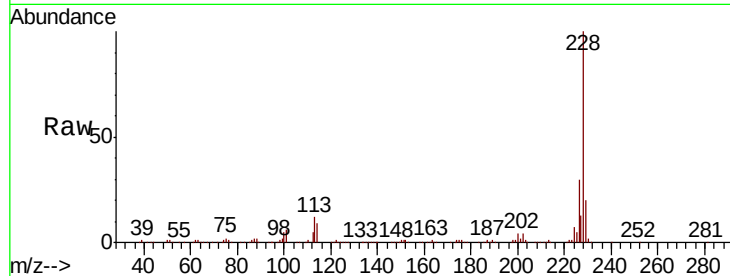
#83
Chrysene
Concen: 34.174 ng
RT: 14.07 min Scan# 2038
Delta R.T. 0.00 min
Lab File: BF118456.D
Acq: 3 Jan 2020 12:45

Instrument :
BNA_F
ClientSampleId :
PB125821BS

Tot Ion	Ratio	Lower	Upper
228	100		
226	30.1	23.9	35.9
229	20.4	16.1	24.1

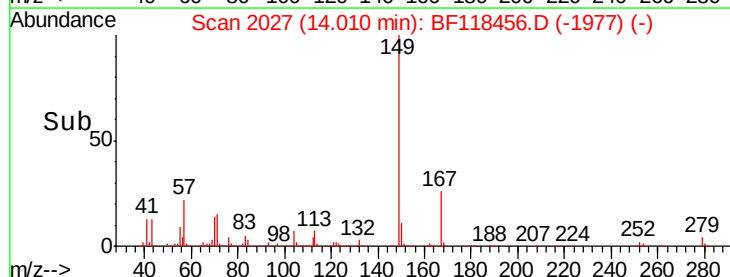
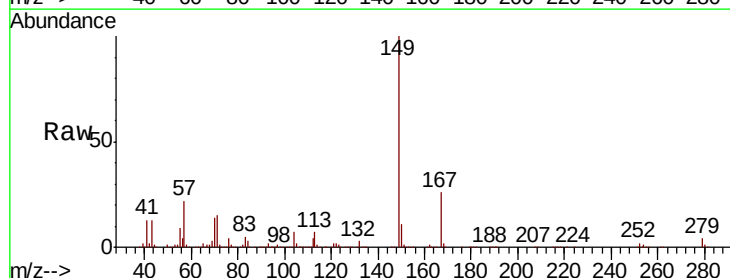
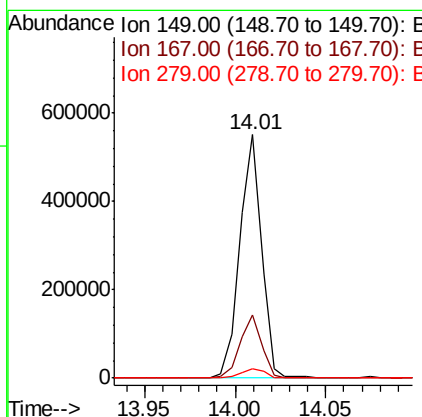
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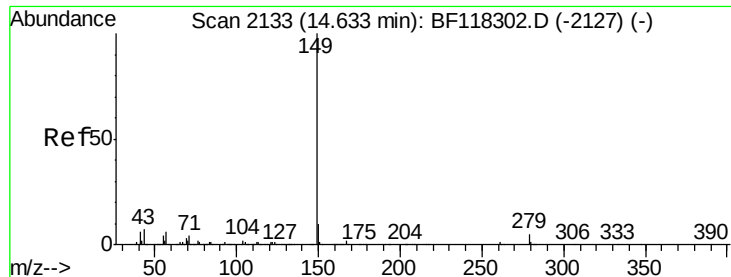
mohammad
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#84
Bis(2-ethylhexyl)phthalate
Concen: 40.337 ng
RT: 14.01 min Scan# 2027
Delta R.T. -0.01 min
Lab File: BF118456.D
Acq: 3 Jan 2020 12:45

Tgt Ion	Ratio	Lower	Upper
149	100		
167	25.8	21.3	31.9
279	4.1	3.4	5.2





#85

Di-n-octyl phthalate

Concen: 45.081 ng

RT: 14.62 min Scan# 2131

Delta R.T. -0.01 min

Lab File: BF118456.D

Acq: 3 Jan 2020 12:45

Instrument :

BNA_F

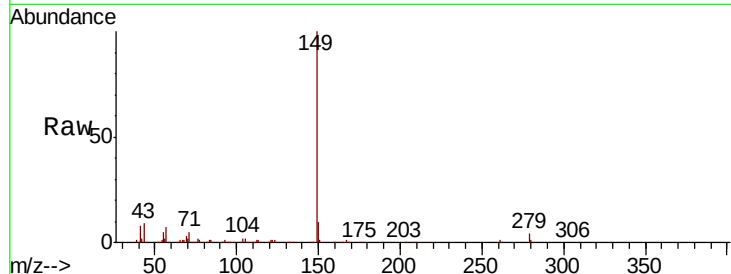
ClientSampleId :

PB125821BS

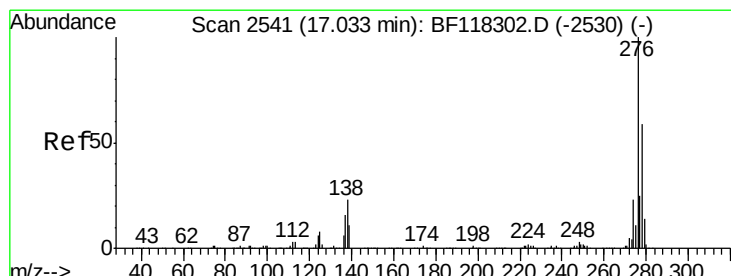
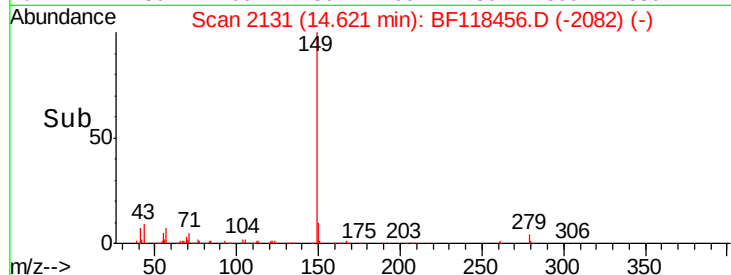
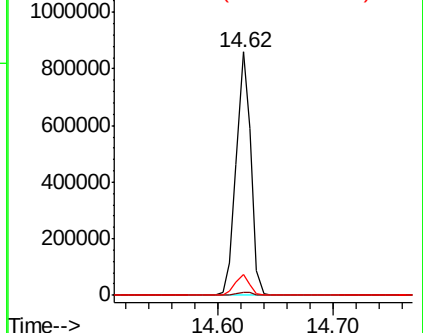
Tot Ion:	149	Resp:	757779
Ion Ratio	Lower	Upper	
149	100		
167	1.5	1.2	1.8
43	8.2	6.1	9.1

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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: 32.022 ng

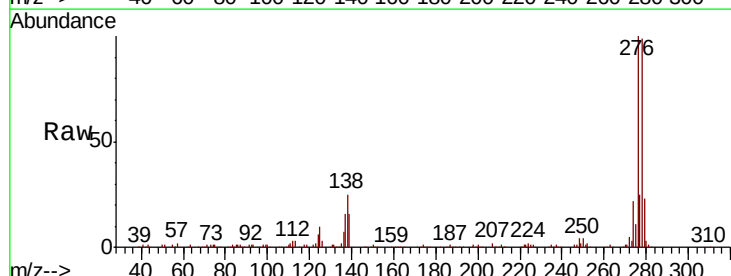
RT: 17.05 min Scan# 2544

Delta R.T. 0.02 min

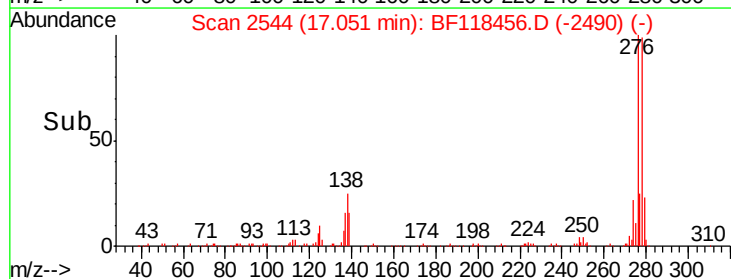
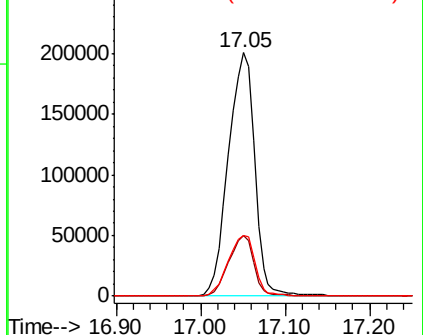
Lab File: BF118456.D

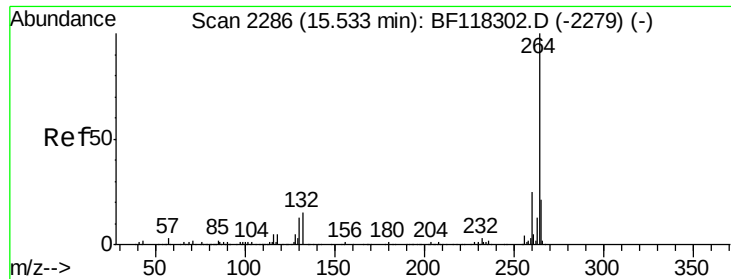
Acq: 3 Jan 2020 12:45

Tgt Ion:	276	Resp:	432233
Ion Ratio	Lower	Upper	
276	100		
138	23.7	19.5	29.3
277	25.3	20.6	30.8



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





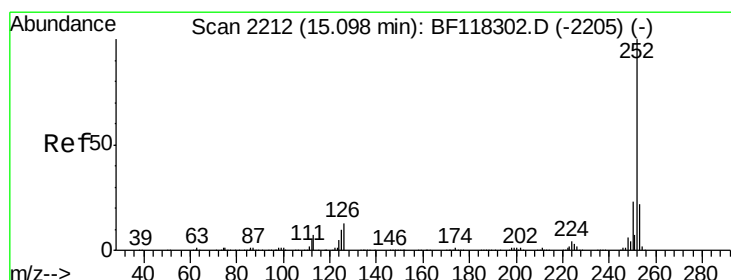
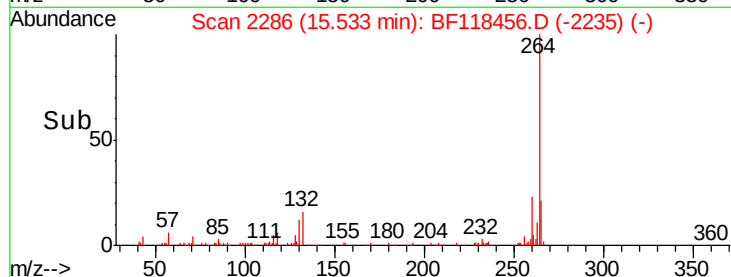
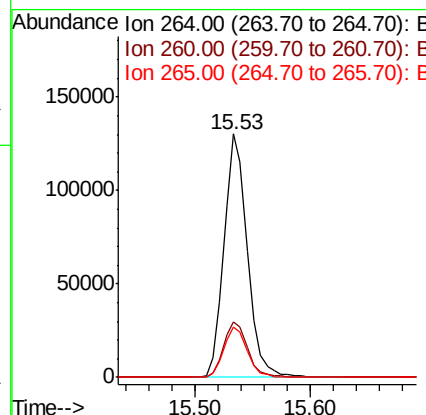
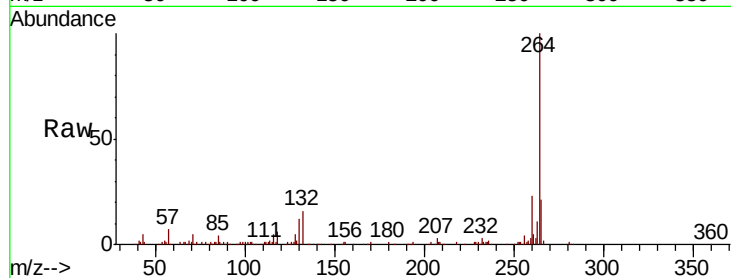
#87
Pervlene-d12
Concen: 20.000 ng
RT: 15.53 min Scan# 2286
Delta R.T. 0.00 min
Lab File: BF118456.D
Acq: 3 Jan 2020 12:45

Instrument :
BNA_F
ClientSampleId :
PB125821BS

Tot Ion	Ratio	Lower	Upper
264	100		
260	22.9	19.8	29.6
265	20.8	17.0	25.4

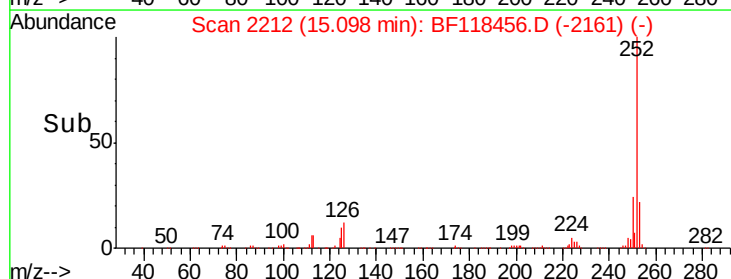
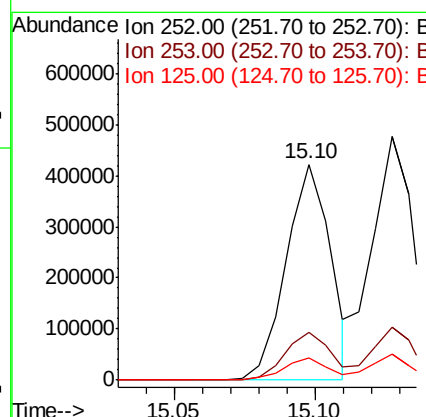
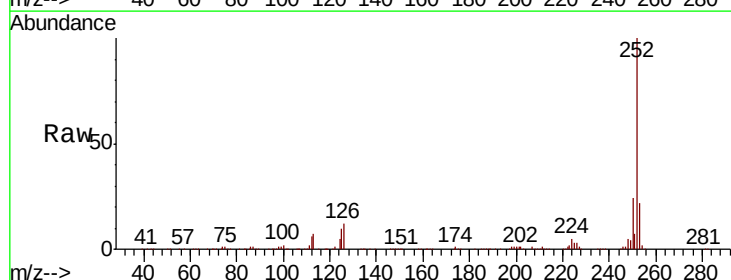
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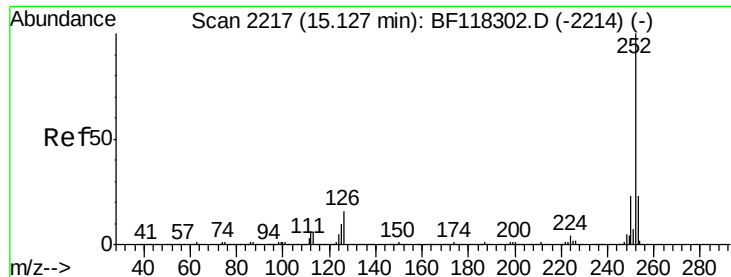
mohammad
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#88
Benzo(b)fluoranthene
Concen: 38.340 ng
RT: 15.10 min Scan# 2212
Delta R.T. 0.00 min
Lab File: BF118456.D
Acq: 3 Jan 2020 12:45

Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.1	17.5	26.3
125	10.1	7.7	11.5





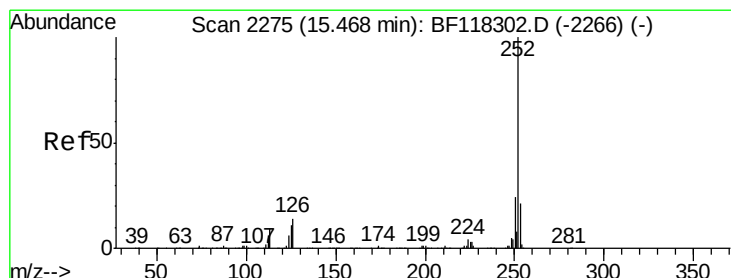
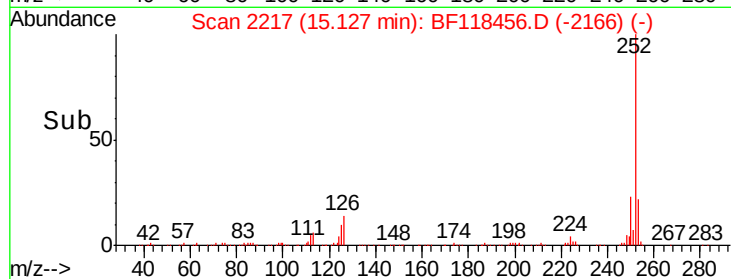
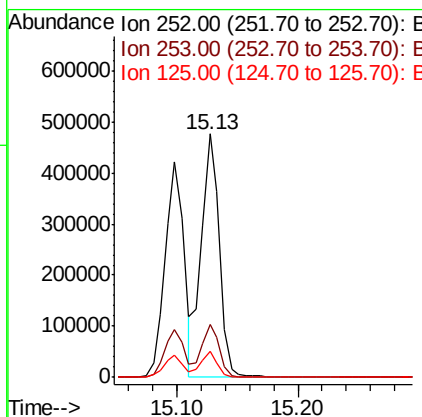
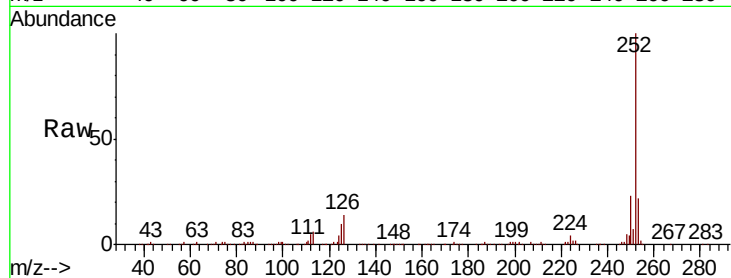
#89
Benzo(k)fluoranthene
Concen: 42.552 ng
RT: 15.13 min Scan# 2217
Delta R.T. 0.00 min
Lab File: BF118456.D
Acq: 3 Jan 2020 12:45

Instrument :
BNA_F
ClientSampleId :
PB125821BS

Tot Ion	Ratio	Lower	Upper
252	100		
253	21.5	18.0	27.0
125	10.5	8.0	12.0

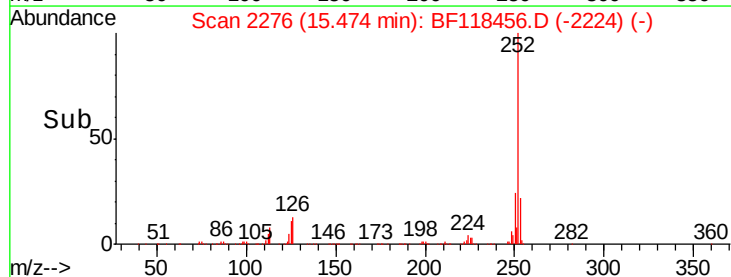
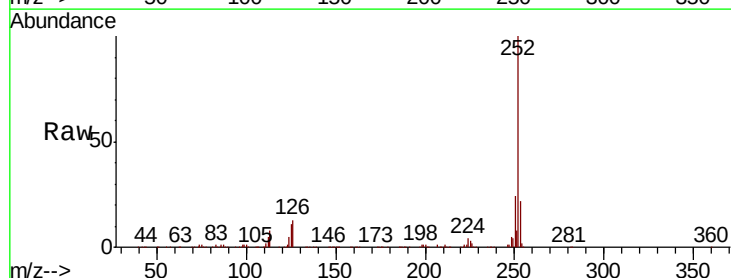
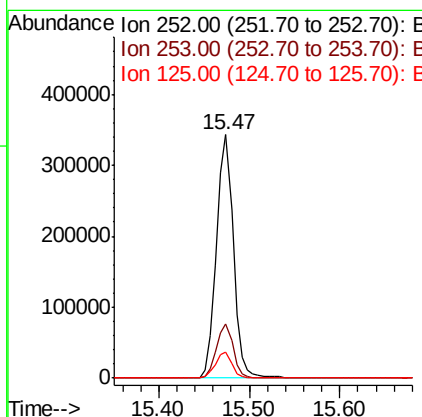
Manual Integrations
APPROVED

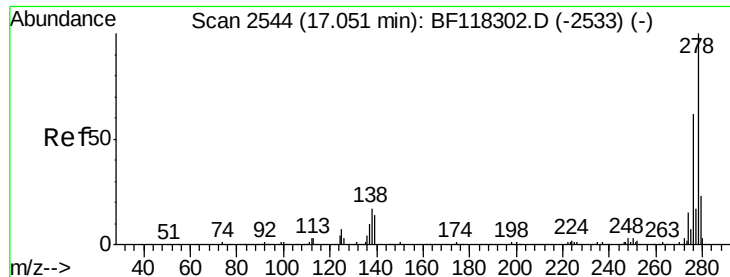
mohammad
1/6/2020 11:43:48 AM



#90
Benzo(a)pyrene
Concen: 41.719 ng
RT: 15.47 min Scan# 2276
Delta R.T. 0.01 min
Lab File: BF118456.D
Acq: 3 Jan 2020 12:45

Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.1	17.0	25.6
125	10.6	9.0	13.4





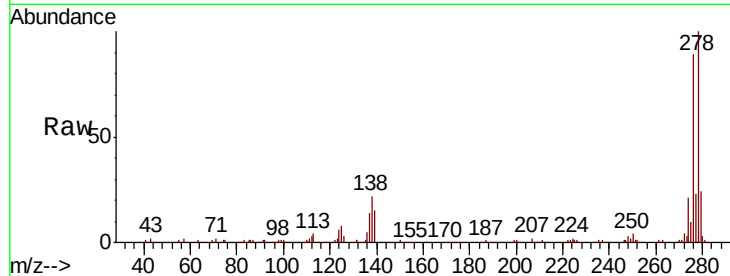
#91
Dibenzo(a,h)anthracene
Concen: 39.506 ng
RT: 17.06 min Scan# 2545
Delta R.T. 0.01 min
Lab File: BF118456.D
Acq: 3 Jan 2020 12:45

Instrument :
BNA_F
ClientSampleId :
PB125821BS

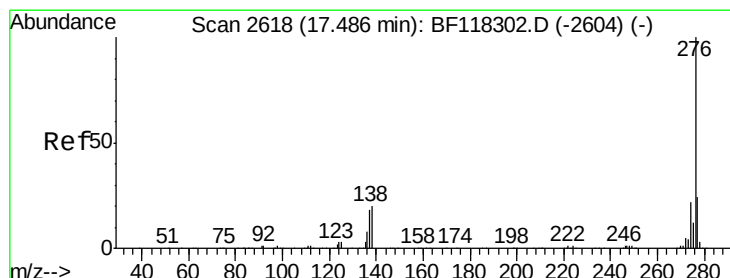
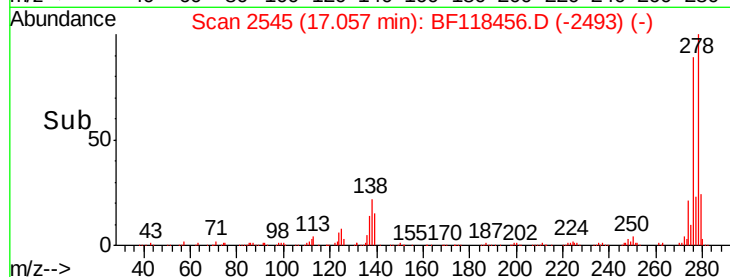
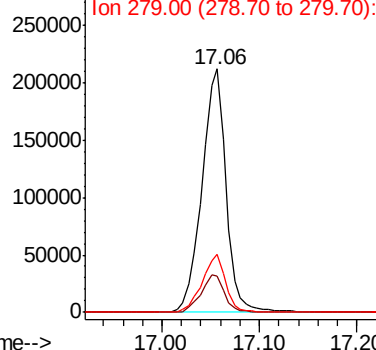
Tot Ion	Ratio	Lower	Upper
278	100		
139	14.8	11.5	17.3
279	23.8	18.3	27.5

Manual Integrations
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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: 40.296 ng
RT: 17.50 min Scan# 2621
Delta R.T. 0.02 min
Lab File: BF118456.D
Acq: 3 Jan 2020 12:45

Tgt Ion	Ratio	Lower	Upper
276	100		
277	24.1	19.1	28.7
138	19.7	16.1	24.1

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

