

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF022720\
 Data File : BF119106.D
 Acq On : 27 Feb 2020 13:10
 Operator : CG/JU
 Sample : PB127120BS
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB127120BS

Manual Integrations
 APPROVED

mohammad
 2/28/2020 2:41:35 PM

Quant Time: Feb 28 03:30:45 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF022020.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Feb 26 16:03:05 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.75	152	151913	20.00	ng	0.00
21) Naphthalene-d8	8.03	136	581674	20.00	ng	0.00
39) Acenaphthene-d10	9.78	164	332641	20.00	ng	0.00
64) Phenanthrene-d10	11.27	188	626988	20.00	ng	0.00
76) Chrysene-d12	13.90	240	434739	20.00	ng	0.00
87) Perylene-d12	15.33	264	303457	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.38	112	968803	106.58	ng	0.01
7) Phenol-d6	6.40	99	1198169	108.38	ng	0.00
23) Nitrobenzene-d5	7.31	82	704483	63.95	ng	-0.01
42) 2,4,6-Tribromophenol	10.57	330	456223	104.84	ng	0.00
45) 2-Fluorobiphenyl	9.10	172	1474114	65.28	ng	0.00
79) Terphenyl-d14	12.85	244	1776160	70.34	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.52	88	137401	33.949	ng	98
3) Pyridine	3.26	79	333363	30.160	ng	99
4) n-Nitrosodimethylamine	3.19	42	130474	38.967	ng	98
6) Aniline	6.41	93	359449	26.350	ng	87
8) 2-Chlorophenol	6.54	128	400893	40.866	ng	99
9) Benzaldehyde	6.29	77	150540	20.381	ng	100
10) Phenol	6.41	94	470076	39.328	ng	94
11) bis(2-Chloroethyl)ether	6.49	93	358606	39.211	ng	99
12) 1,3-Dichlorobenzene	6.69	146	437848	37.239	ng	98
13) 1,4-Dichlorobenzene	6.76	146	449420	38.197	ng	98
14) 1,2-Dichlorobenzene	6.92	146	416529	38.817	ng	99
15) Benzyl Alcohol	6.89	79	339694	42.515	ng	98
16) 2,2'-oxybis(1-Chloropropan	7.02	45	291838	36.837	ng	81
17) 2-Methylphenol	7.02	107	326696	41.076	ng	100
18) Hexachloroethane	7.26	117	160718	38.180	ng	97
19) n-Nitroso-di-n-propylamine	7.16	70	266513	41.372	ng	97
20) 3+4-Methylphenols	7.17	107	416307	42.724	ng	93
22) Acetophenone	7.16	105	536356	39.853	ng	# 97
24) Nitrobenzene	7.33	77	417180	38.294	ng	98
25) Isophorone	7.57	82	751357	39.271	ng	99
26) 2-Nitrophenol	7.65	139	227885	39.479	ng	98
27) 2,4-Dimethylphenol	7.69	122	343606	43.861	ng	97
28) bis(2-Chloroethoxy)methane	7.78	93	461357	37.047	ng	99
29) 2,4-Dichlorophenol	7.90	162	359811	39.014	ng	98
30) 1,2,4-Trichlorobenzene	7.97	180	394697	36.096	ng	99
31) Naphthalene	8.05	128	1166139	38.657	ng	98
32) Benzoic acid	7.84	122	207861	37.983	ng	96
33) 4-Chloroaniline	8.10	127	291212	22.444	ng	99
34) Hexachlorobutadiene	8.17	225	238076	34.954	ng	100
35) Caprolactam	8.48	113	117808m	41.485	ng	
36) 4-Chloro-3-methylphenol	8.60	107	376606	40.349	ng	98
37) 2-Methylnaphthalene	8.74	142	813887	40.091	ng	98
38) 1-Methylnaphthalene	8.84	142	762490	39.937	ng	96
40) 1,2,4,5-Tetrachlorobenzene	8.91	216	403241	35.955	ng	100

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 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	8.90	237	180356	48.386	nq	97
43) 2,4,6-Trichlorophenol	9.03	196	264032	37.280	nq	97
44) 2,4,5-Trichlorophenol	9.07	196	279349	37.588	nq	99
46) 1,1'-Biphenyl	9.20	154	983629	36.588	nq	98
47) 2-Chloronaphthalene	9.23	162	787442	36.347	nq	97
48) 2-Nitroaniline	9.33	65	223886	37.051	nq	97
49) Acenaphthylene	9.65	152	1206963	38.573	nq	99
50) Dimethylphthalate	9.51	163	960866	37.775	nq	99
51) 2,6-Dinitrotoluene	9.57	165	216978	38.395	nq	99
52) Acenaphthene	9.82	154	713883	37.837	nq	98
53) 3-Nitroaniline	9.74	138	152107	24.279	nq	94
54) 2,4-Dinitrophenol	9.86	184	187169	69.253	nq	98
55) Dibenzofuran	9.99	168	1073279	38.112	nq	95
56) 4-Nitrophenol	9.93	139	270049	71.742	nq	97
57) 2,4-Dinitrotoluene	9.98	165	283174	38.658	nq	95
58) Fluorene	10.33	166	844463	38.590	nq	99
59) 2,3,4,6-Tetrachlorophenol	10.12	232	242822	38.721	nq	99
60) Diethylphthalate	10.21	149	920276	38.392	nq	99
61) 4-Chlorophenyl-phenylether	10.32	204	445518	38.463	nq	96
62) 4-Nitroaniline	10.36	138	215818	33.670	nq	97
63) Azobenzene	10.48	77	815429	39.136	nq	96
65) 4,6-Dinitro-2-methylphenol	10.40	198	156404	41.224	nq	90
66) n-Nitrosodiphenylamine	10.45	169	780714	38.028	nq	100
67) 4-Bromophenyl-phenylether	10.81	248	297964	36.357	nq	95
68) Hexachlorobenzene	10.89	284	335317	35.487	nq	98
69) Atrazine	10.97	200	279668	38.989	nq	98
70) Pentachlorophenol	11.08	266	275462	72.370	nq	99
71) Phenanthrene	11.29	178	1282938	37.521	nq	99
72) Anthracene	11.35	178	1317744	38.571	nq	99
73) Carbazole	11.50	167	1156853	38.009	nq	99
74) Di-n-butylphthalate	11.83	149	1439936	39.067	nq	99
75) Fluoranthene	12.48	202	1359704	37.463	nq	99
77) Benzidine	12.60	184	281094	15.899	nq	98
78) Pyrene	12.70	202	1361980	39.015	nq	99
80) Butylbenzylphthalate	13.32	149	578389	39.367	nq	99
81) Benzo(a)anthracene	13.90	228	1132196	38.222	nq	98
82) 3,3'-Dichlorobenzidine	13.85	252	336409	29.247	nq	98
83) Chrysene	13.93	228	1073981	36.387	nq	99
84) Bis(2-ethylhexyl)phthalate	13.88	149	774406	41.721	nq	99
85) Di-n-octyl phthalate	14.49	149	1187054	40.138	nq	99
86) Indeno(1,2,3-cd)pyrene	16.74	276	881694	30.851	nq	100
88) Benzo(b)fluoranthene	14.92	252	1010478	50.518	nq	99
89) Benzo(k)fluoranthene	14.95	252	848180	45.757	nq	100
90) Benzo(a)pyrene	15.27	252	799234	44.273	nq	98
91) Dibenzo(a,h)anthracene	16.74	278	747386	47.052	nq	100
92) Benzo(g,h,i)perylene	17.16	276	744782	47.456	nq	98

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



#1

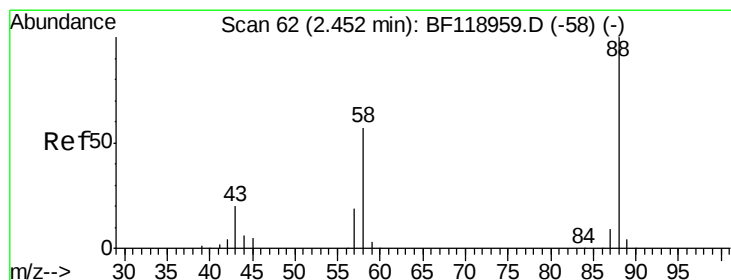
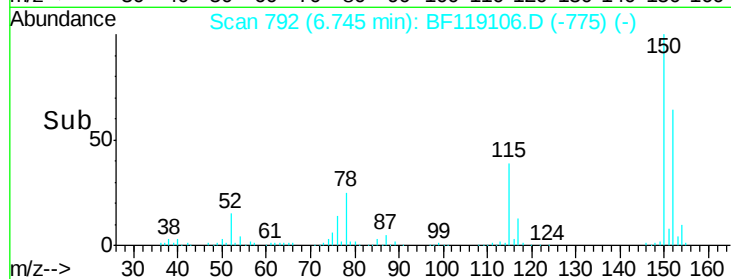
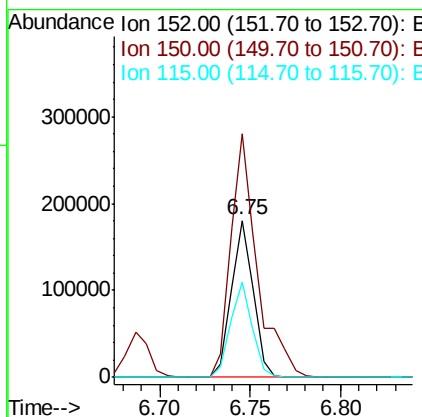
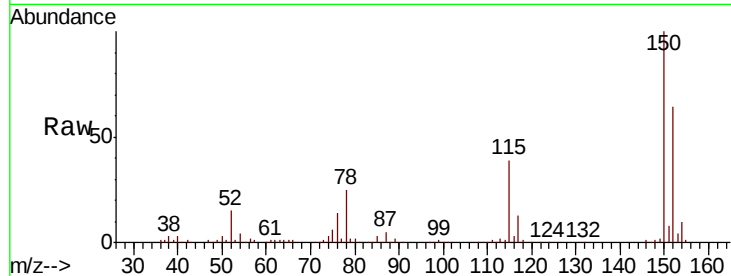
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.75 min Scan# 792
Delta R.T. -0.00 min
Lab File: BF119106.D
Acq: 27 Feb 2020 13:10

Instrument :
BNA_F
ClientSampleId :
PB127120BS

Tot Ion	Ratio	Lower	Upper
152	100		
150	155.2	123.0	184.6
115	60.6	49.5	74.3

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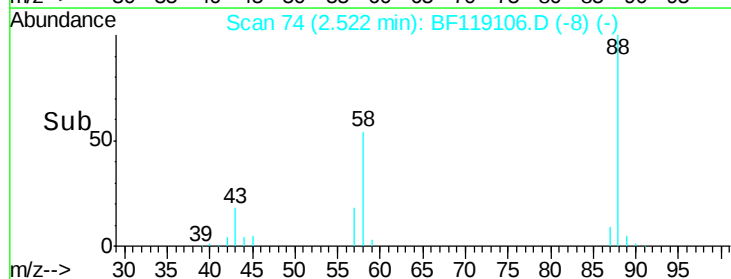
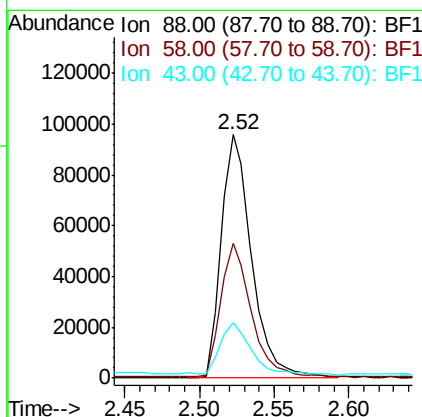
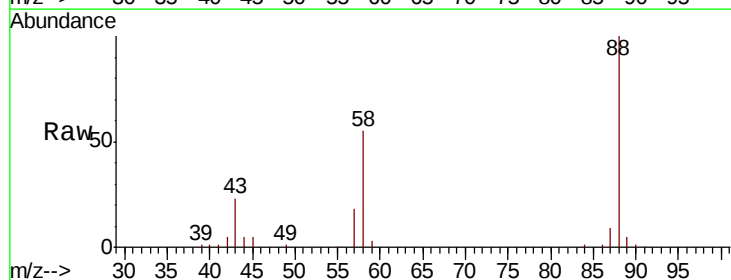
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#2

1,4-Dioxane
Concen: 33.949 ng
RT: 2.52 min Scan# 74
Delta R.T. 0.09 min
Lab File: BF119106.D
Acq: 27 Feb 2020 13:10

Tgt Ion	Ratio	Lower	Upper
88	100		
58	55.0	43.8	65.6
43	22.5	16.2	24.4





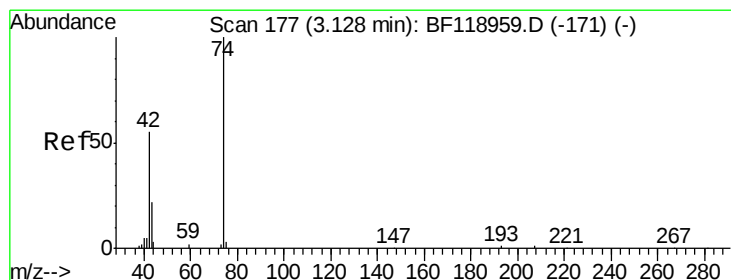
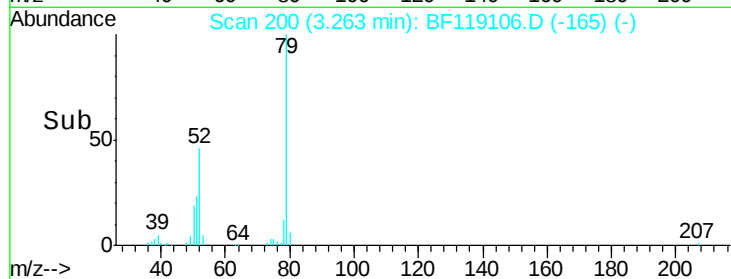
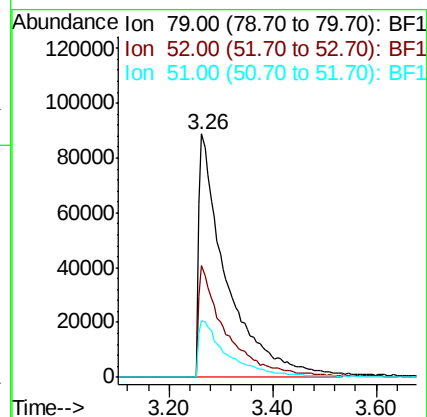
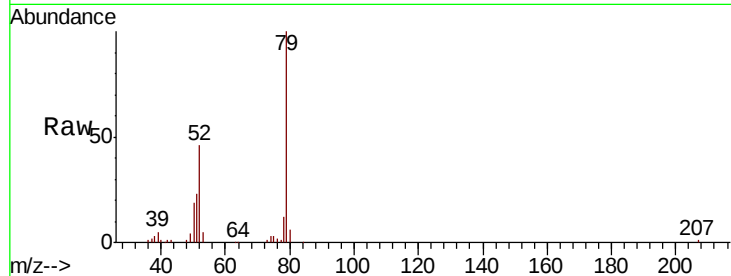
#3
 Pvridine
 Concen: 30.160 ng
 RT: 3.26 min Scan# 200
 Delta R.T. 0.11 min
 Lab File: BF119106.D
 Acq: 27 Feb 2020 13:10

Instrument :
 BNA_F
 ClientSampleId :
 PB127120BS

Tot Ion	Ratio	Lower	Upper
79	100		
52	46.1	37.4	56.0
51	23.5	19.8	29.6

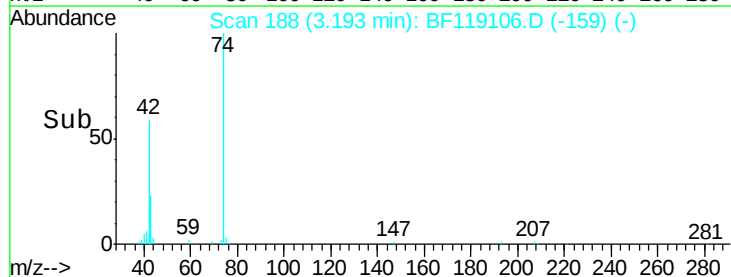
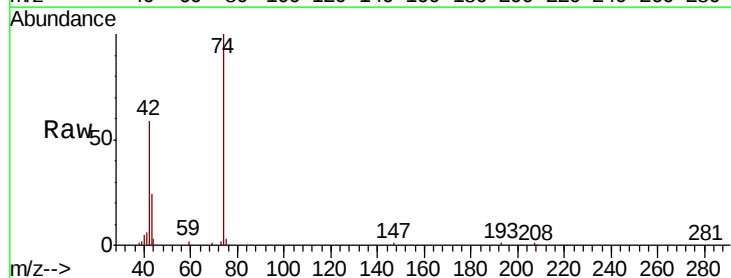
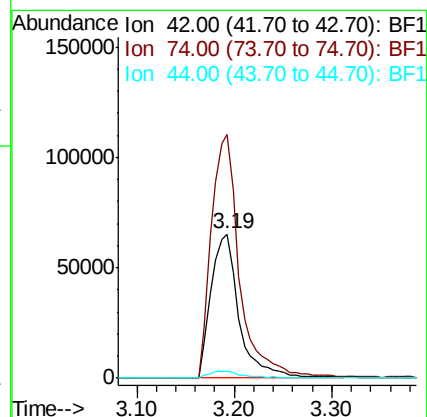
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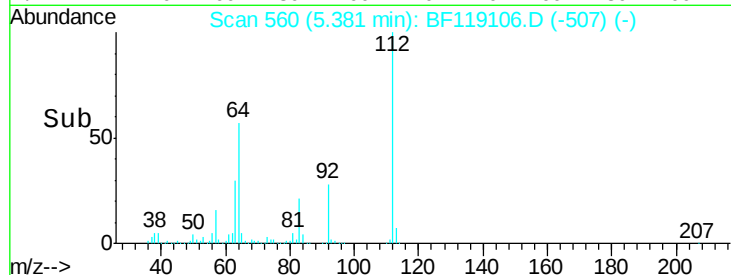
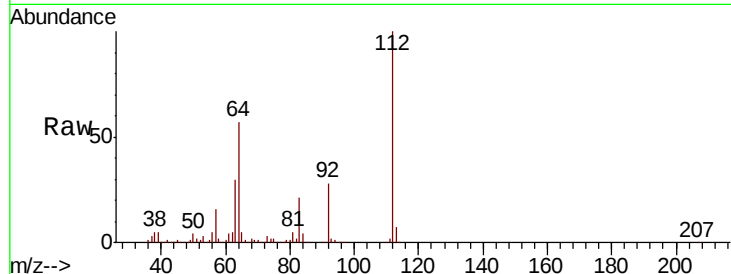
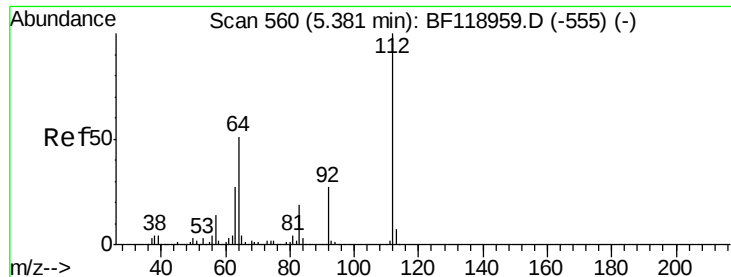
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#4
 n-Nitrosodimethylamine
 Concen: 38.967 ng
 RT: 3.19 min Scan# 188
 Delta R.T. 0.07 min
 Lab File: BF119106.D
 Acq: 27 Feb 2020 13:10

Tgt Ion	Ratio	Lower	Upper
42	100		
74	168.9	137.7	206.5
44	5.1	4.5	6.7





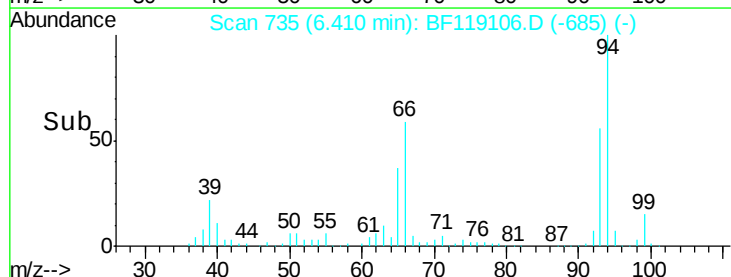
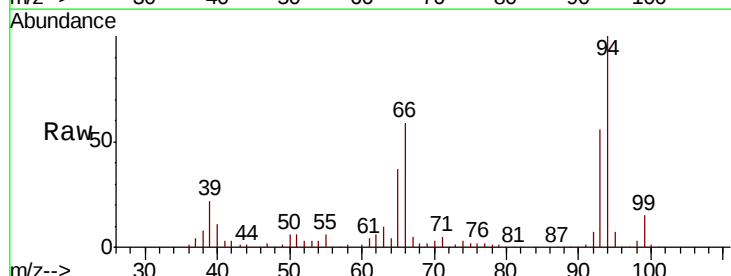
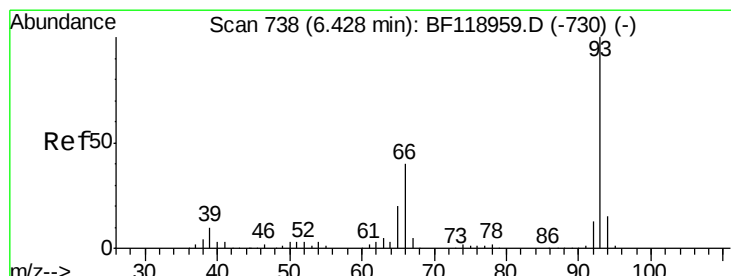
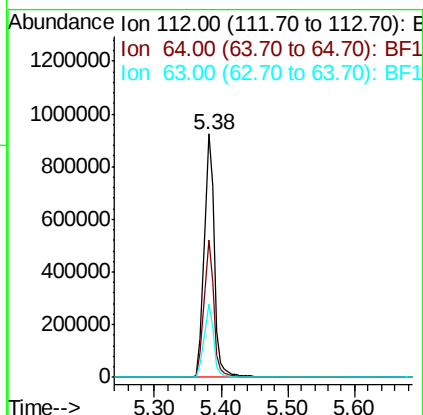
#5
2-Fluorophenol
Concen: 106.577 ng
RT: 5.38 min Scan# 560
Delta R.T. 0.01 min
Lab File: BF119106.D
Acq: 27 Feb 2020 13:10

Tot Ion	Ratio	Resp Lower	Upper
112	100		
64	56.6	45.0	67.4
63	30.2	24.2	36.4

Instrument :
BNA_F
ClientSampleId :
PB127120BS

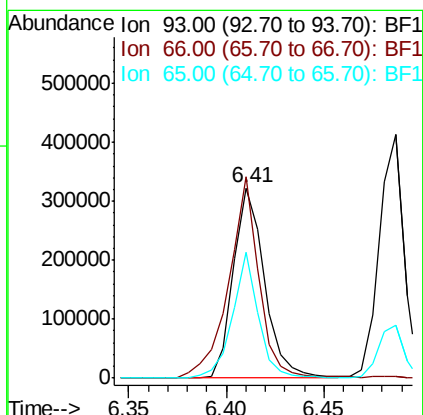
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#6
Aniline
Concen: 26.350 ng
RT: 6.41 min Scan# 735
Delta R.T. -0.01 min
Lab File: BF119106.D
Acq: 27 Feb 2020 13:10

Tgt Ion	Ratio	Resp Lower	Upper
93	100		
66	105.7	74.5	111.7
65	66.3	45.3	67.9





#7

Phenol-d6

Concen: 108.379 ng

RT: 6.40 min Scan# 733

Delta R.T. -0.01 min

Lab File: BF119106.D

Acq: 27 Feb 2020 13:10

Instrument :

BNA_F

ClientSampleId :

PB127120BS

Tot Ion: 99 Resp: 1198169

Ion Ratio Lower Upper

99 100

42 15.2 12.6 18.8

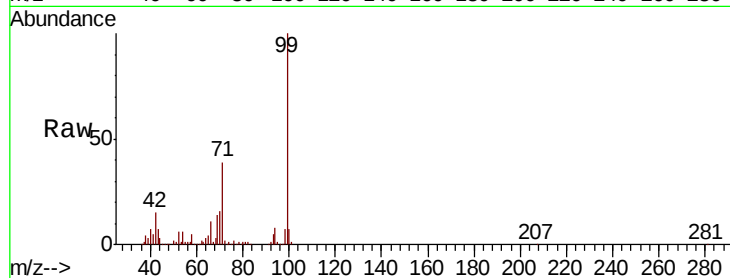
71 38.8 31.0 46.4

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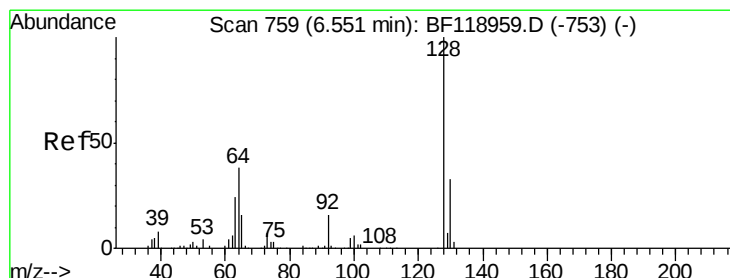
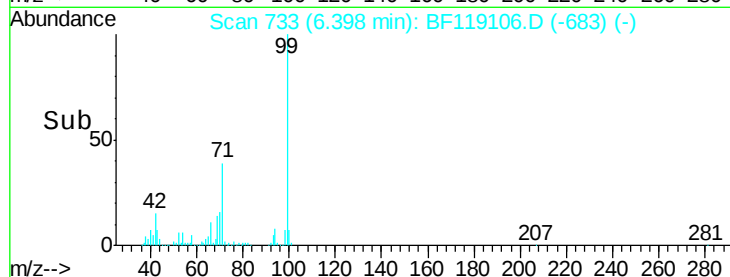
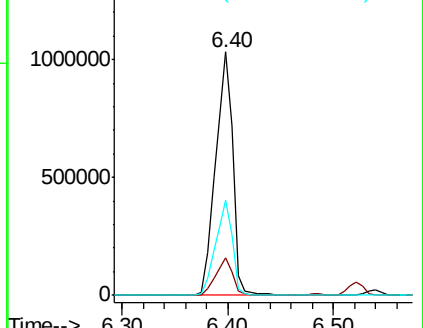
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Abundance Ion 99.00 (98.70 to 99.70): BF1

Ion 42.00 (41.70 to 42.70): BF1

Ion 71.00 (70.70 to 71.70): BF1



#8

2-Chlorophenol

Concen: 40.866 ng

RT: 6.54 min Scan# 757

Delta R.T. -0.00 min

Lab File: BF119106.D

Acq: 27 Feb 2020 13:10

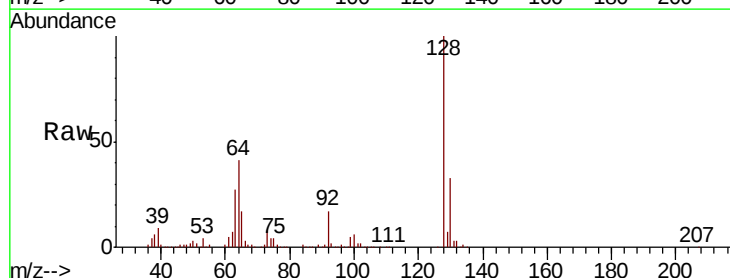
Tgt Ion: 128 Resp: 400893

Ion Ratio Lower Upper

128 100

130 32.8 12.7 52.7

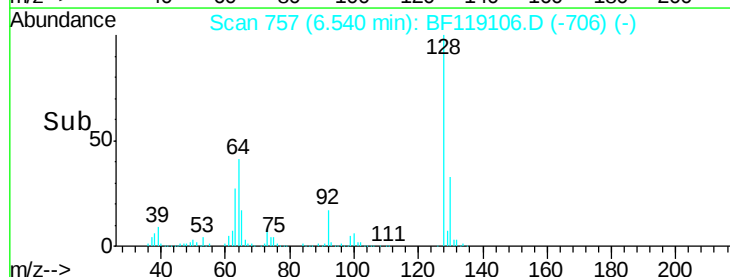
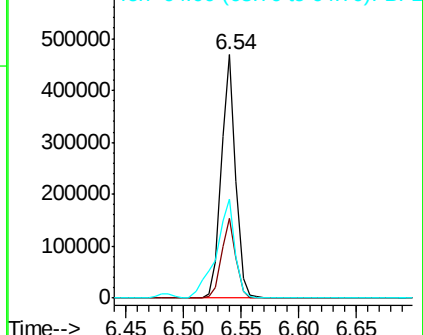
64 40.8 22.3 62.3

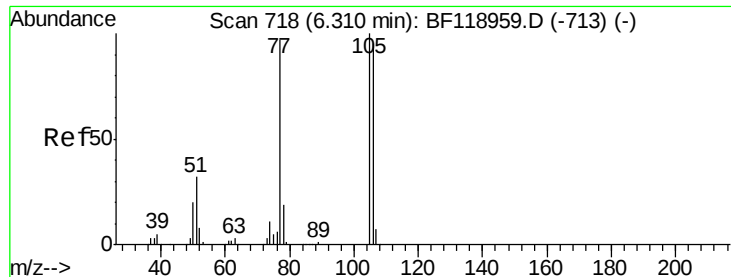


Abundance Ion 128.00 (127.70 to 128.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 64.00 (63.70 to 64.70): BF1





#9

Benzaldehyde

Concen: 20.381 ng

RT: 6.29 min Scan# 715

Delta R.T. -0.01 min

Lab File: BF119106.D

Acq: 27 Feb 2020 13:10

Instrument :

BNA_F

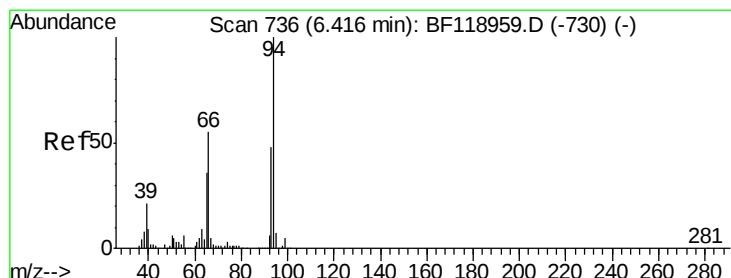
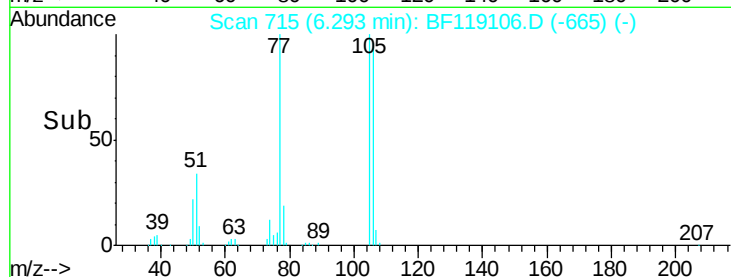
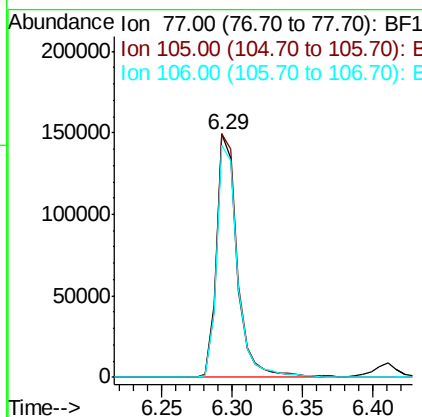
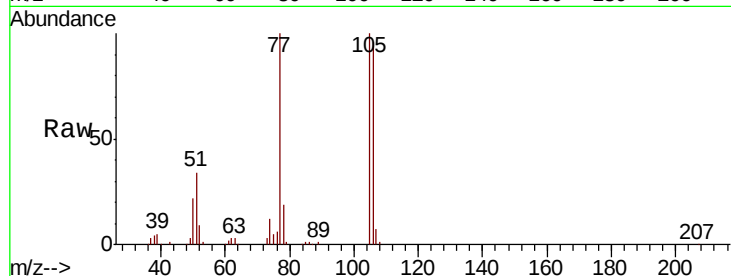
ClientSampleId :

PB127120BS

Tot Ion	Ion	Ratio	Resp	Lower	Upper
77	100				
105	100.0	80.1	120.1		
106	95.6	75.9	115.9		

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#10

Phenol

Concen: 39.328 ng

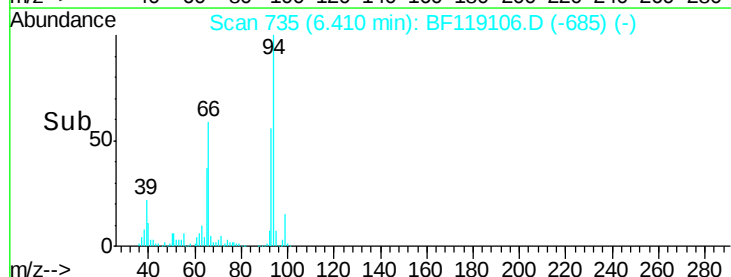
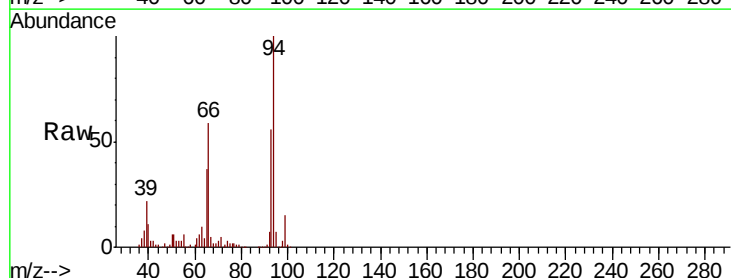
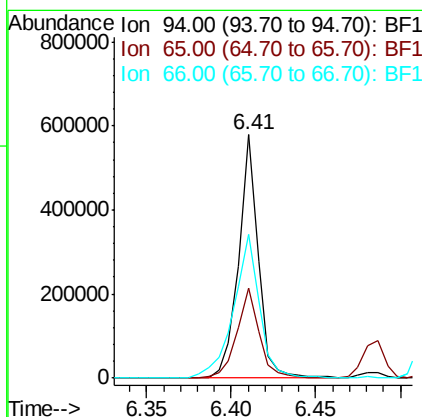
RT: 6.41 min Scan# 735

Delta R.T. -0.01 min

Lab File: BF119106.D

Acq: 27 Feb 2020 13:10

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
94	100				
65	36.9	19.2	59.2		
66	58.9	44.4	84.4		





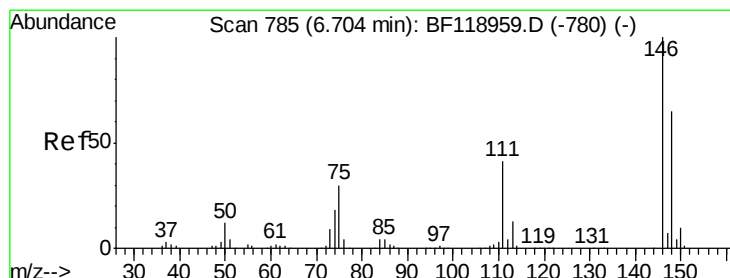
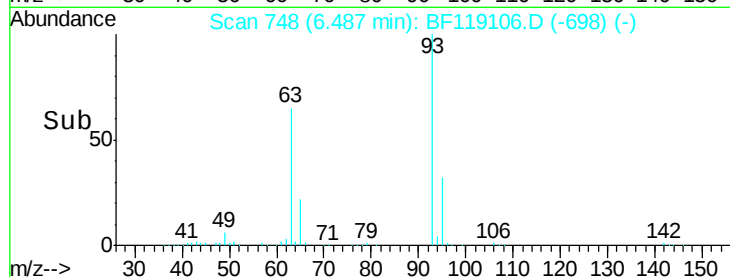
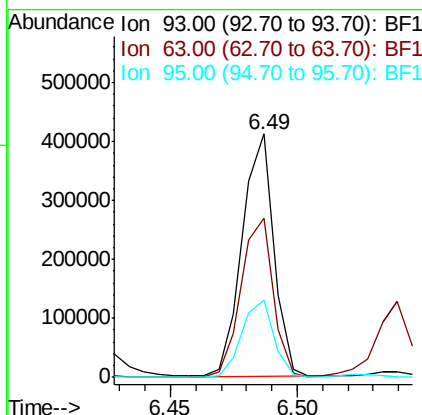
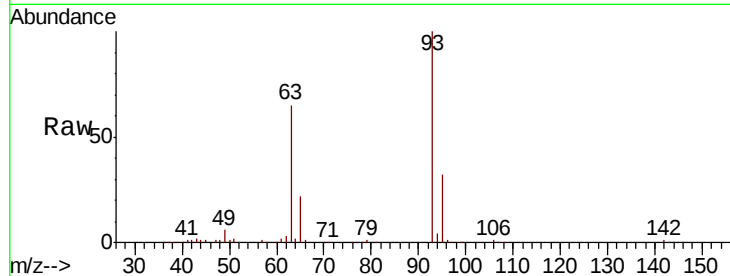
#11
bis(2-Chloroethyl)ether
Concen: 39.211 ng
RT: 6.49 min Scan# 748
Delta R.T. -0.01 min
Lab File: BF119106.D
Acq: 27 Feb 2020 13:10

Instrument :
BNA_F
ClientSampleId :
PB127120BS

Tot Ion	Ratio	Resp	Lower	Upper
93	100	358606		
63	65.2	45.4	85.4	
95	31.8	13.5	53.5	

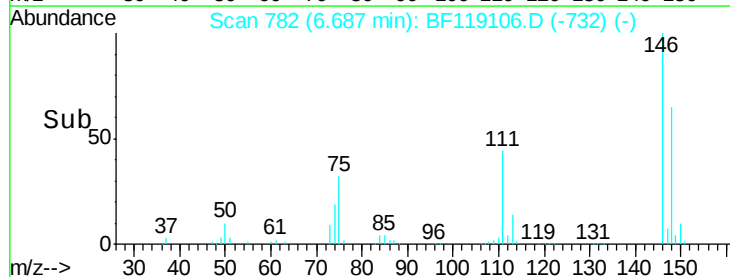
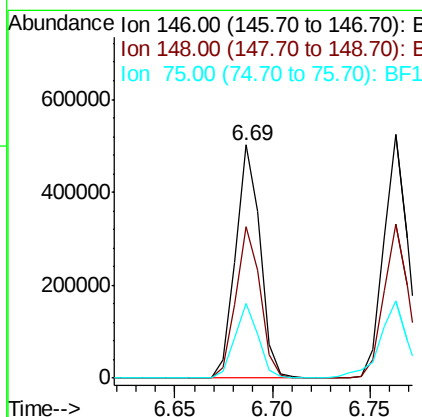
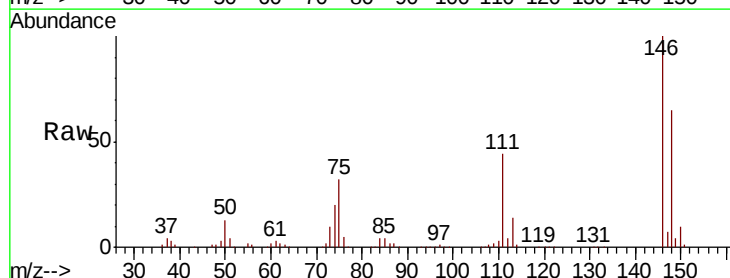
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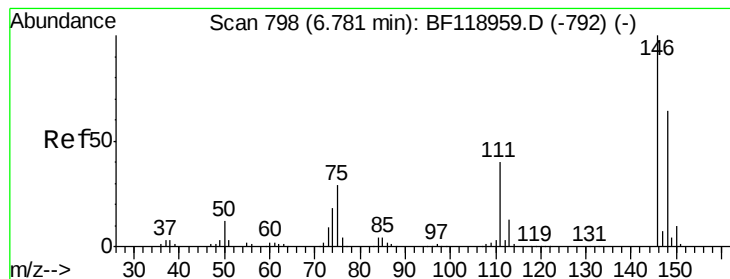
mohammad
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#12
1,3-Dichlorobenzene
Concen: 37.239 ng
RT: 6.69 min Scan# 782
Delta R.T. -0.01 min
Lab File: BF119106.D
Acq: 27 Feb 2020 13:10

Tgt Ion	Ratio	Resp	Lower	Upper
146	100	437848		
148	64.8	52.5	78.7	
75	31.9	23.6	35.4	





#13

1,4-Dichlorobenzene

Concen: 38.197 ng

RT: 6.76 min Scan# 795

Delta R.T. -0.00 min

Lab File: BF119106.D

Acq: 27 Feb 2020 13:10

Instrument :

BNA_F

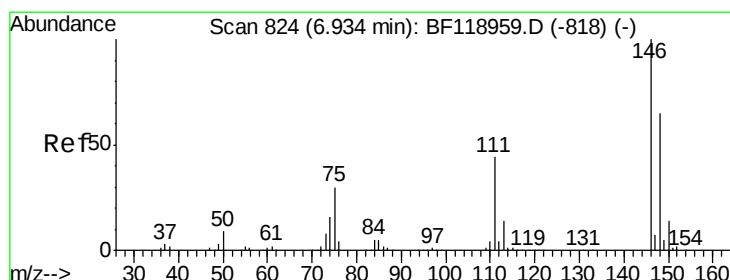
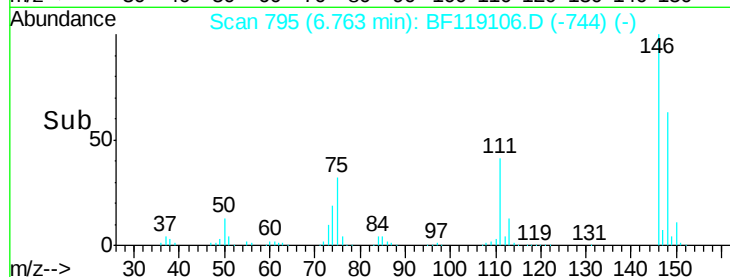
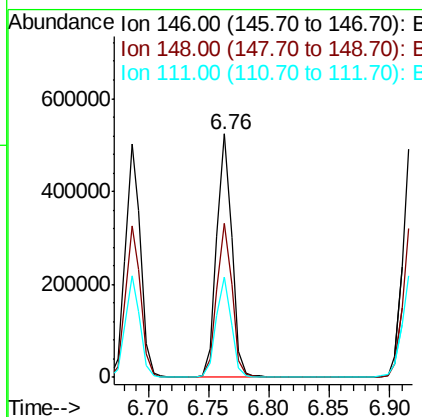
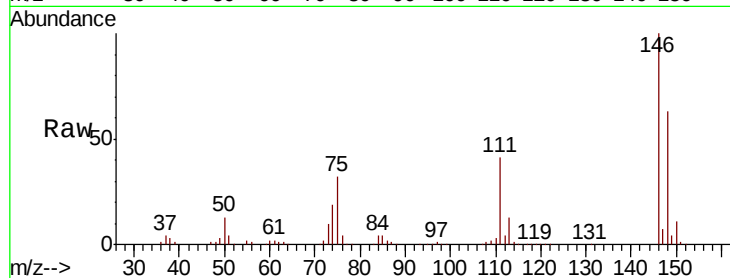
ClientSampleId :

PB127120BS

Tot Ion:	146	Resp:	449420
Ion Ratio	Lower	Upper	
146	100		
148	63.5	51.1	76.7
111	41.1	34.8	52.2

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#14

1,2-Dichlorobenzene

Concen: 38.817 ng

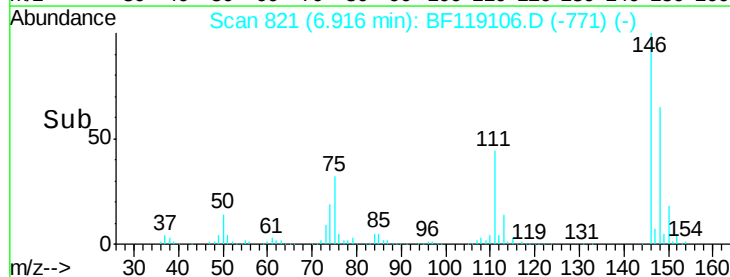
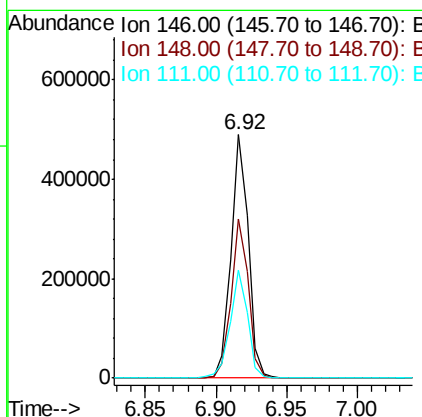
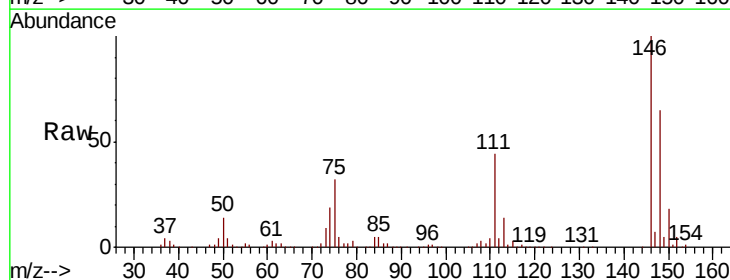
RT: 6.92 min Scan# 821

Delta R.T. -0.01 min

Lab File: BF119106.D

Acq: 27 Feb 2020 13:10

Tgt Ion:	146	Resp:	416529
Ion Ratio	Lower	Upper	
146	100		
148	65.4	51.9	77.9
111	44.4	36.2	54.2





#15

Benzyl Alcohol

Concen: 42.515 ng

RT: 6.89 min Scan# 817

Delta R.T. -0.01 min

Lab File: BF119106.D

Acq: 27 Feb 2020 13:10

Instrument :

BNA_F

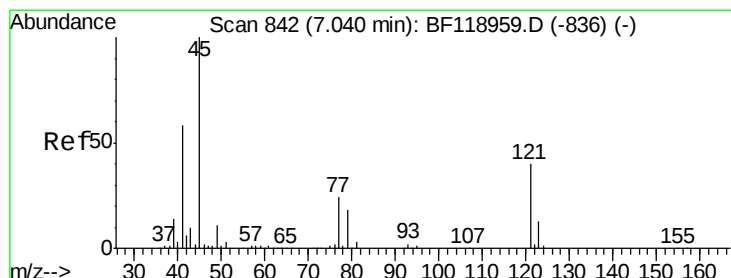
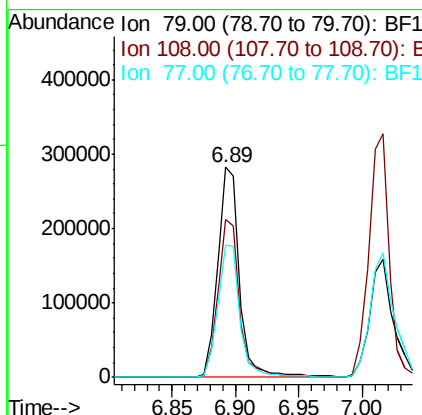
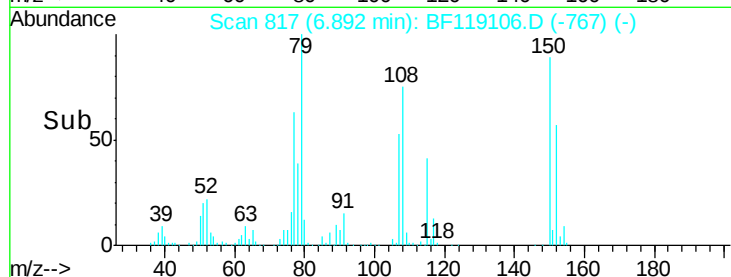
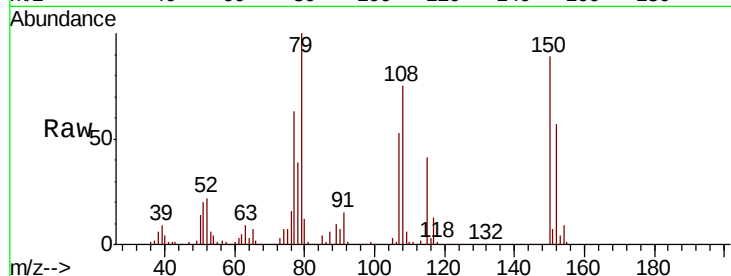
ClientSampleID :

PB127120BS

Tot Ion:	79	Resp:	339694
Ion Ratio	Lower	Upper	
79	100		
108	75.0	58.2	87.2
77	63.0	51.2	76.8

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#16

2,2'-oxybis(1-Chloropropane)

Concen: 36.837 ng

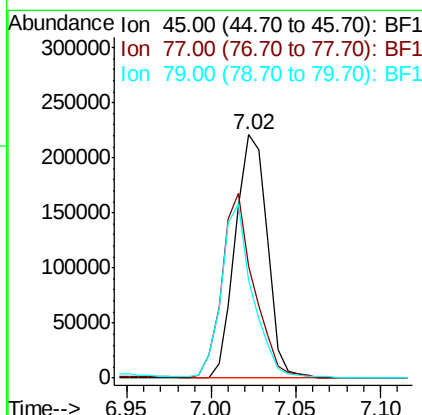
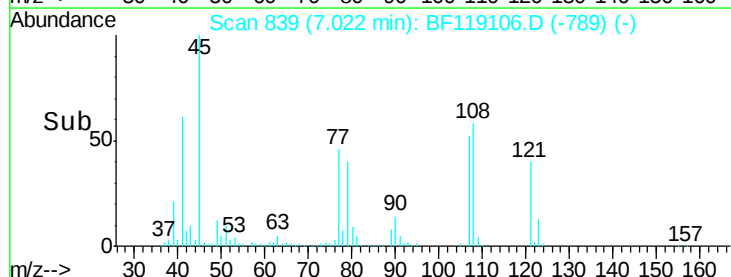
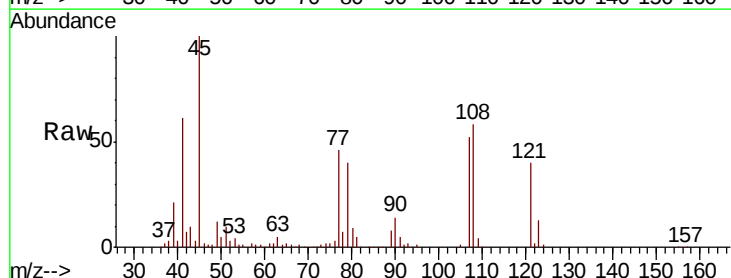
RT: 7.02 min Scan# 839

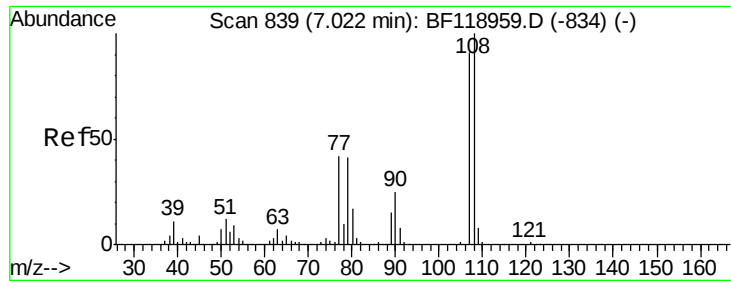
Delta R.T. -0.01 min

Lab File: BF119106.D

Acq: 27 Feb 2020 13:10

Tgt Ion:	45	Resp:	291838
Ion Ratio	Lower	Upper	
45	100		
77	45.8	15.0	55.0
79	40.1	9.4	49.4





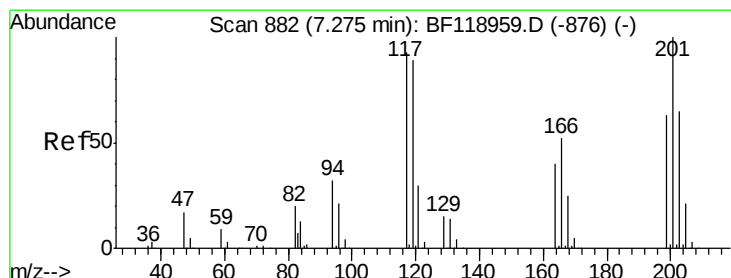
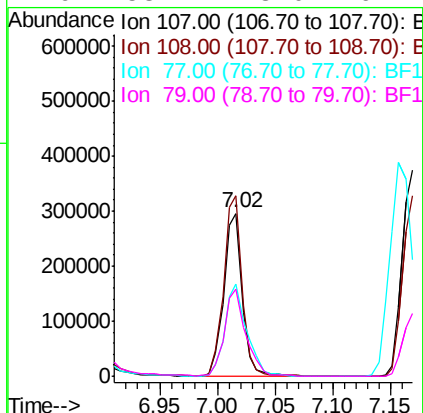
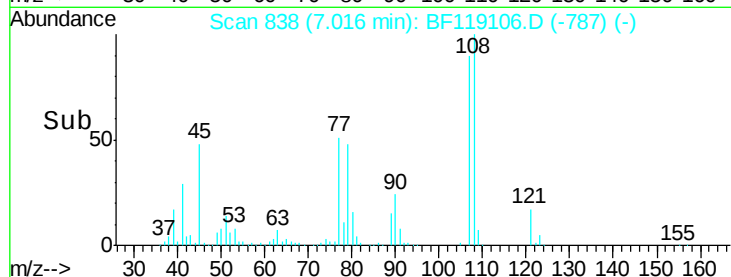
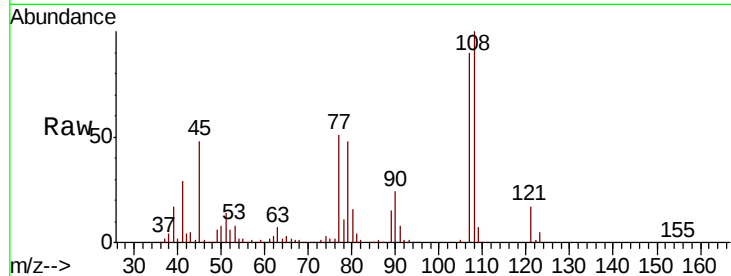
#17
2-Methylphenol
Concen: 41.076 ng
RT: 7.02 min Scan# 838
Delta R.T. -0.00 min
Lab File: BF119106.D
Acq: 27 Feb 2020 13:10

Instrument :
BNA_F
ClientSampleId :
PB127120BS

Tot Ion	107	Resp	326696
Ion Ratio	Lower	Upper	
107	100		
108	110.6	87.9	131.9
77	56.8	45.3	67.9
79	53.4	43.0	64.4

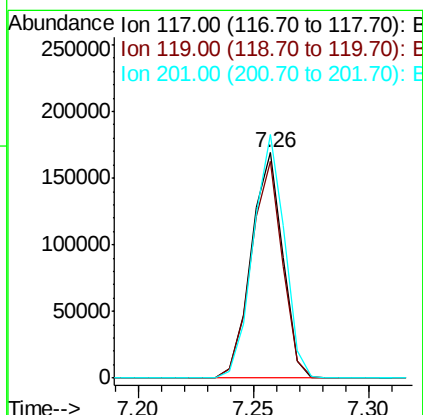
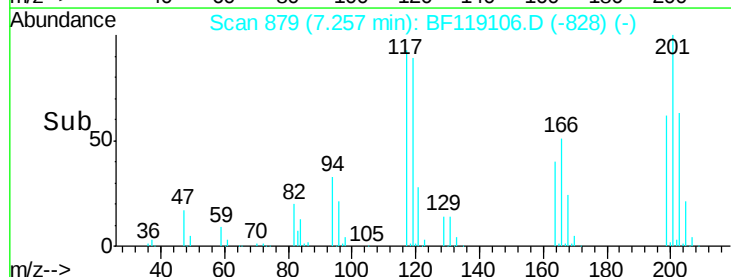
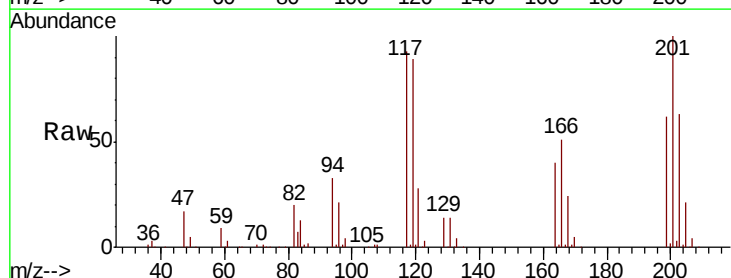
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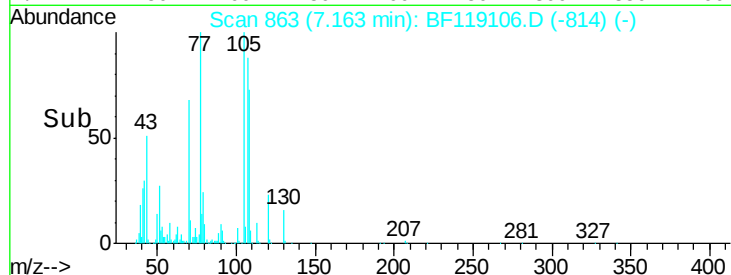
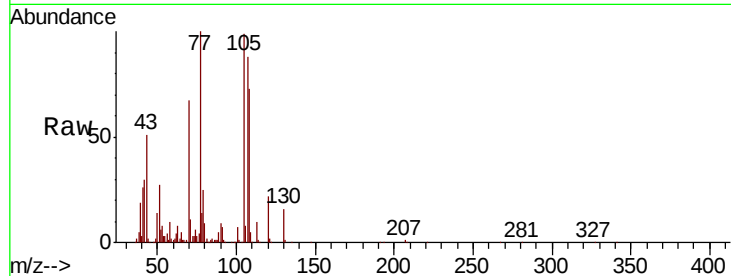
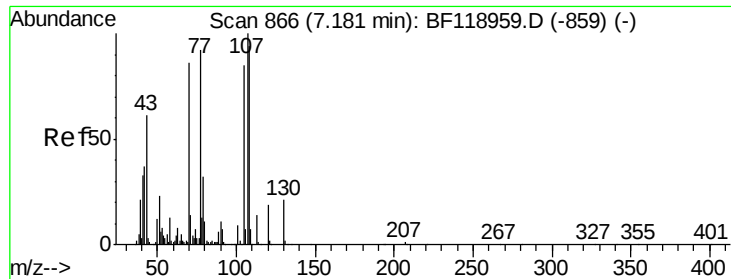
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#18
Hexachloroethane
Concen: 38.180 ng
RT: 7.26 min Scan# 879
Delta R.T. -0.00 min
Lab File: BF119106.D
Acq: 27 Feb 2020 13:10

Tgt Ion	117	Resp	160718
Ion Ratio	Lower	Upper	
117	100		
119	96.3	77.5	116.3
201	108.0	82.6	123.8





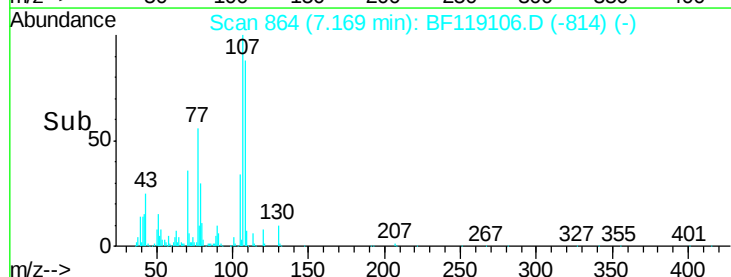
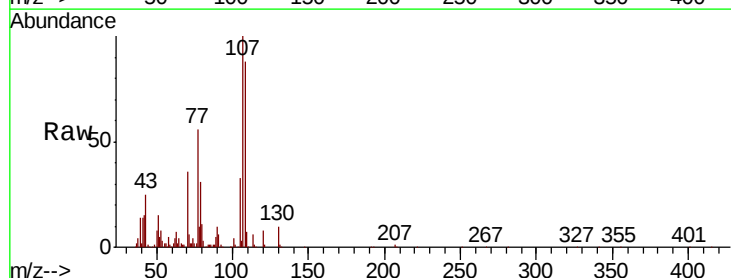
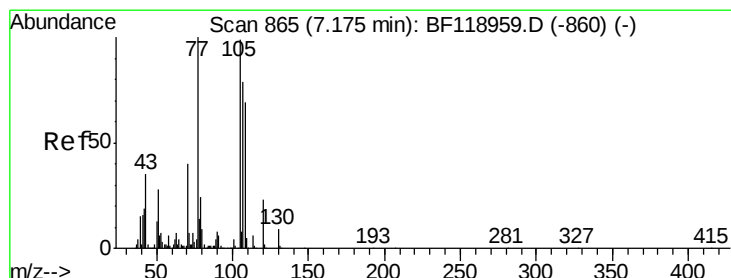
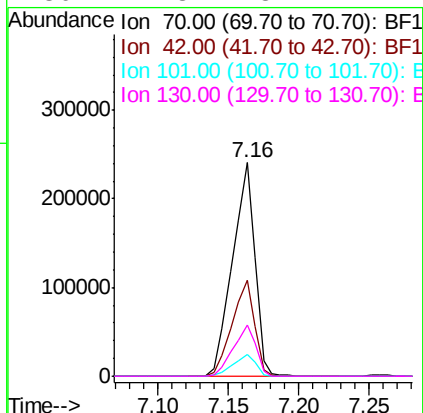
#19
n-Nitroso-di-n-propylamine
Concen: 41.372 ng
RT: 7.16 min Scan# 863
Delta R.T. -0.01 min
Lab File: BF119106.D
Acq: 27 Feb 2020 13:10

Instrument :
BNA_F
ClientSampleId :
PB127120BS

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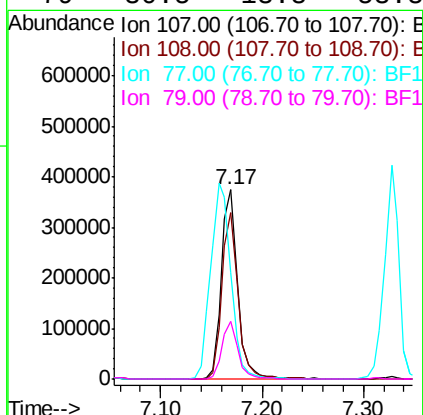
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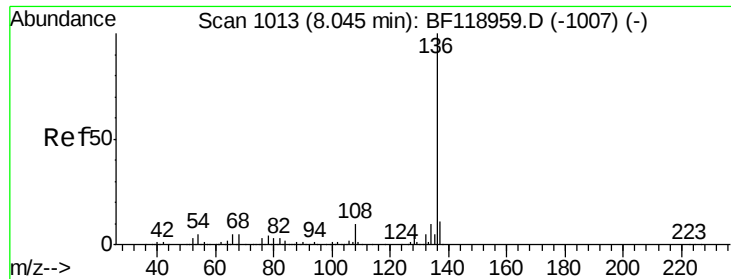
Tot Ion	Ratio	Lower	Upper
70	100		
42	45.1	38.0	57.0
101	10.1	8.2	12.4
130	24.3	18.2	27.4



#20
3+4-Methylphenols
Concen: 42.724 ng
RT: 7.17 min Scan# 864
Delta R.T. -0.01 min
Lab File: BF119106.D
Acq: 27 Feb 2020 13:10

Tgt Ion	Ratio	Lower	Upper
107	100		
108	87.9	71.5	111.5
77	56.4	45.9	85.9
79	30.5	13.8	53.8





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.03 min Scan# 1010

Delta R.T. -0.01 min

Lab File: BF119106.D

Acq: 27 Feb 2020 13:10

Instrument :

BNA_F

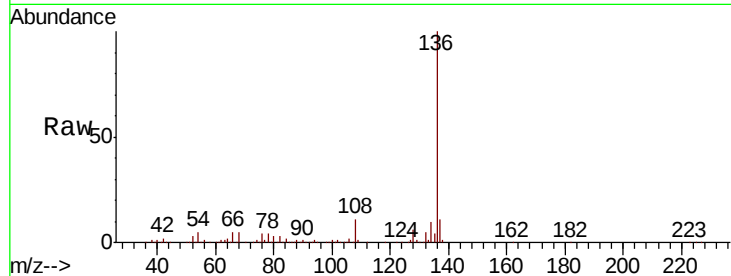
ClientSampleId :

PB127120BS

Tot Ion	Ion	Ratio	Resp	Lower	Upper
136	100		581674		
137	11.0		8.8	13.2	
54	5.1		3.8	5.6	
68	5.3		3.9	5.9	

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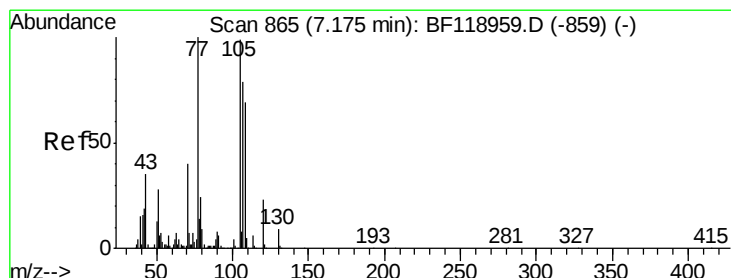
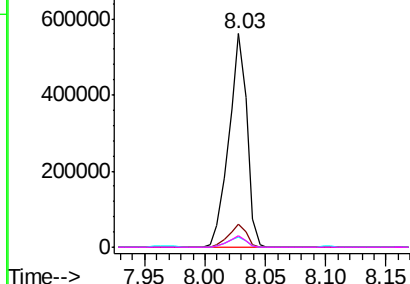
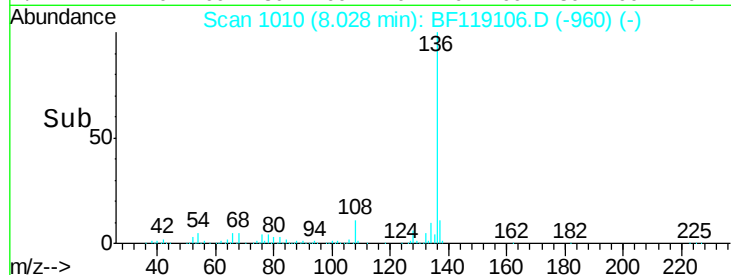
Abundance

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: 39.853 ng

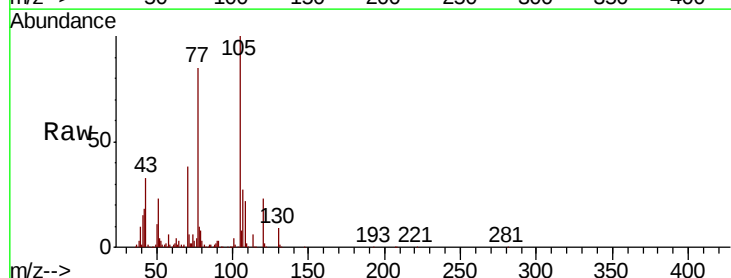
RT: 7.16 min Scan# 862

Delta R.T. -0.01 min

Lab File: BF119106.D

Acq: 27 Feb 2020 13:10

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
105	100		536356		
71	6.4		3.0	4.4#	
51	23.0		20.1	30.1	
120	23.0		18.0	27.0	



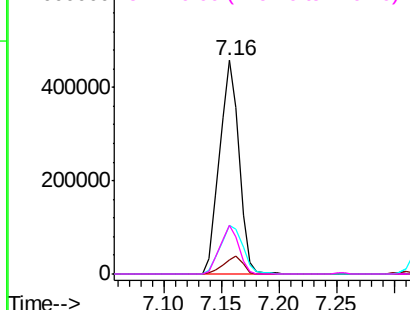
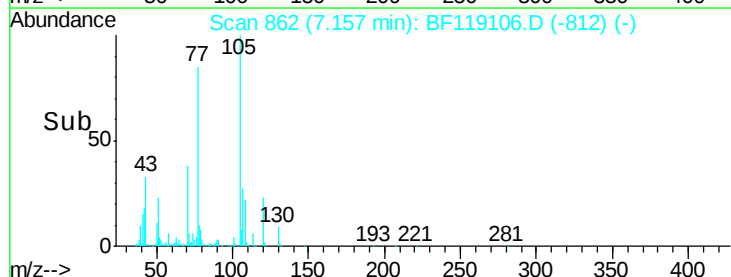
Abundance

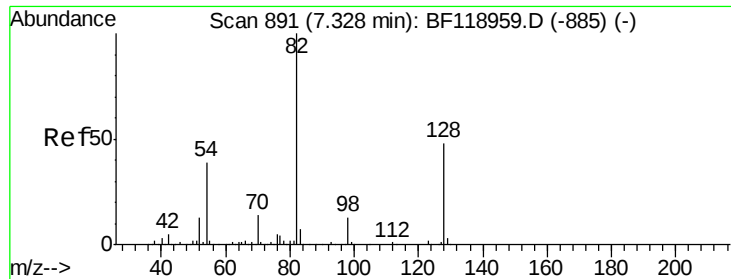
Ion 105.00 (104.70 to 105.70): E

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





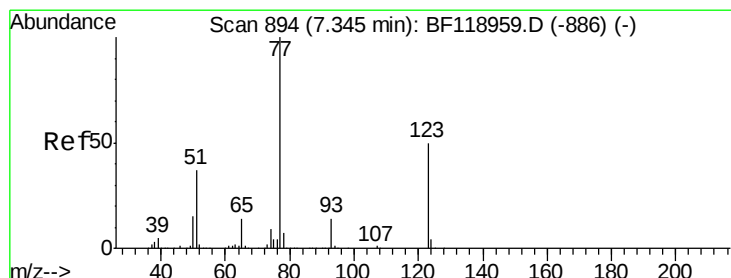
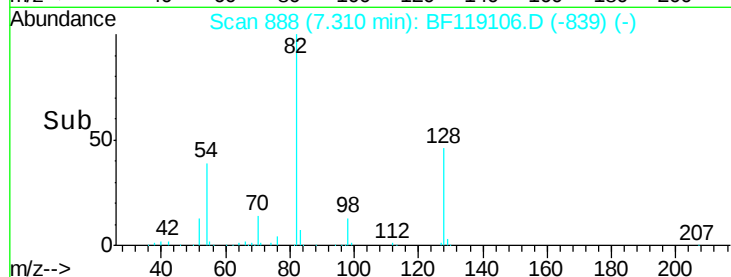
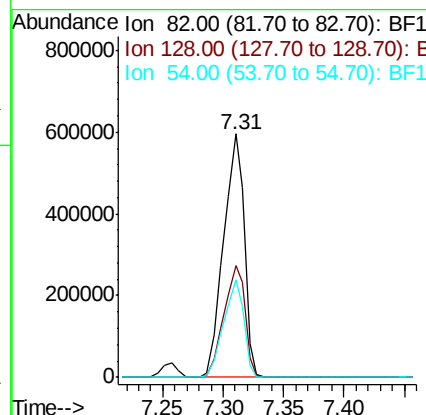
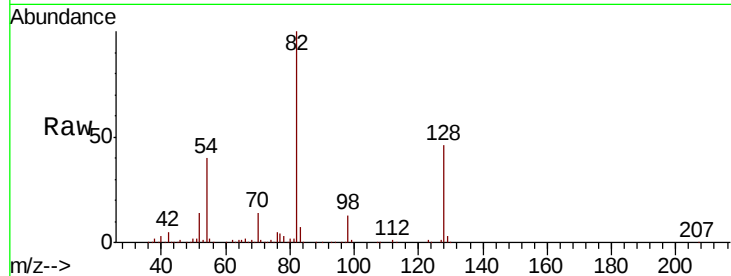
#23
 Nitrobenzene-d5
 Concen: 63.948 ng
 RT: 7.31 min Scan# 888
 Delta R.T. -0.01 min
 Lab File: BF119106.D
 Acq: 27 Feb 2020 13:10

Instrument :
 BNA_F
 ClientSampleId :
 PB127120BS

Tot Ion	Ratio	Lower	Upper
82	100		
128	46.1	37.9	56.9
54	39.9	33.4	50.2

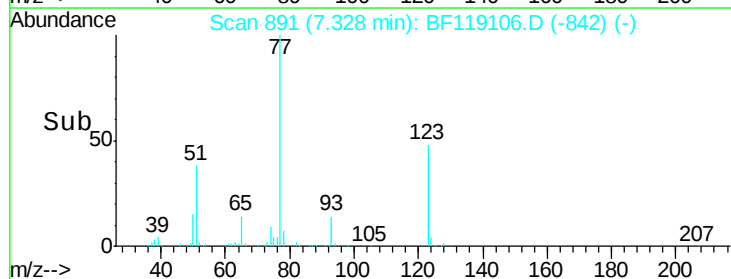
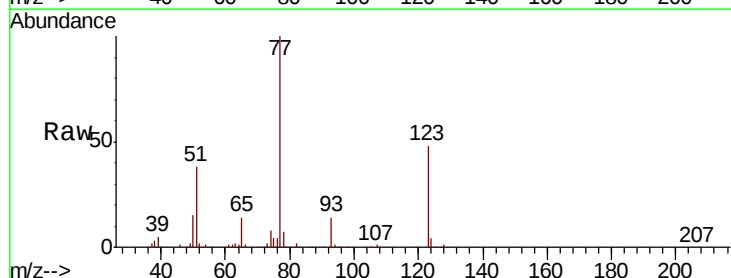
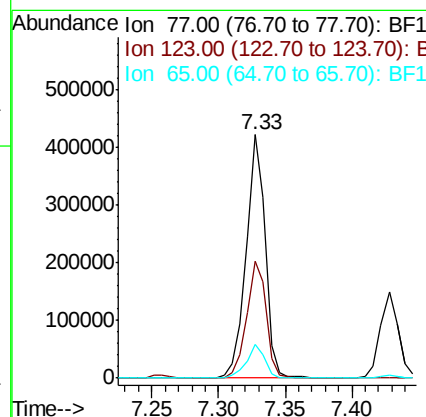
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#24
 Nitrobenzene
 Concen: 38.294 ng
 RT: 7.33 min Scan# 891
 Delta R.T. -0.01 min
 Lab File: BF119106.D
 Acq: 27 Feb 2020 13:10

Tgt Ion	Ratio	Lower	Upper
77	100		
123	48.1	40.2	60.2
65	13.6	10.8	16.2





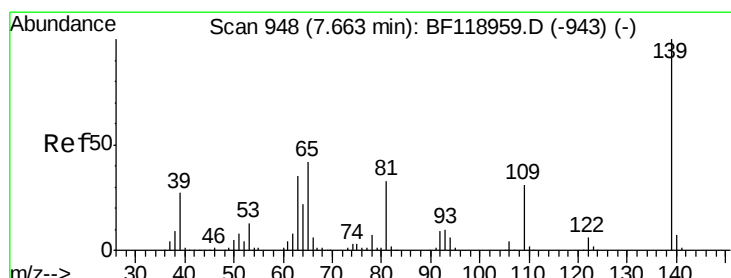
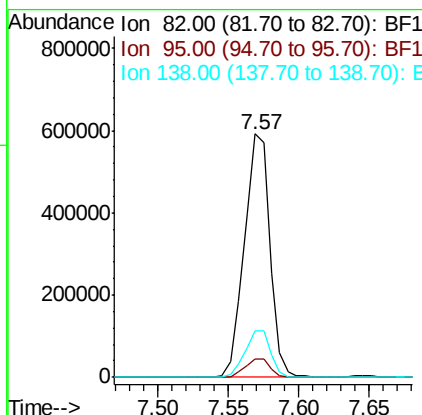
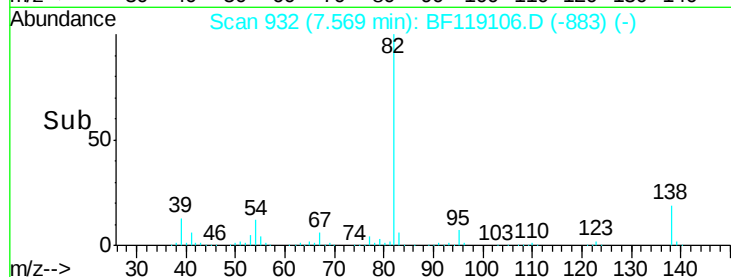
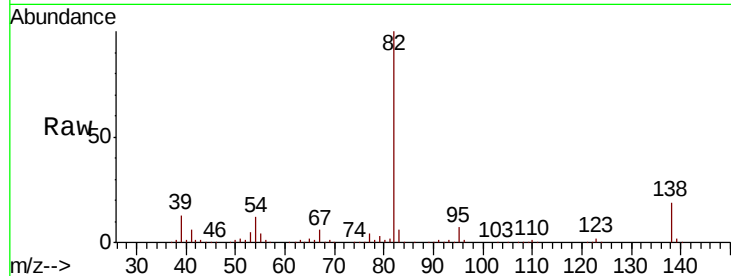
#25
Isophorone
Concen: 39.271 ng
RT: 7.57 min Scan# 932
Delta R.T. -0.01 min
Lab File: BF119106.D
Acq: 27 Feb 2020 13:10

Instrument :
BNA_F
ClientSampleId :
PB127120BS

Tot Ion	Ratio	Resp	Lower	Upper
82	100			
95	7.4	6.4	9.6	
138	19.2	15.7	23.5	

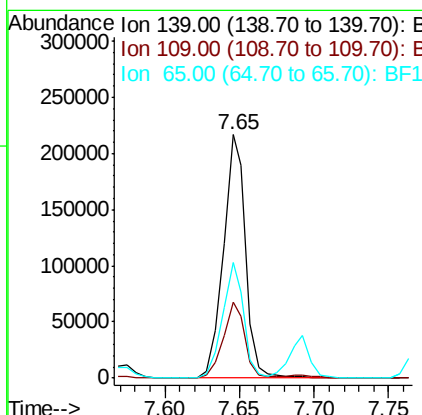
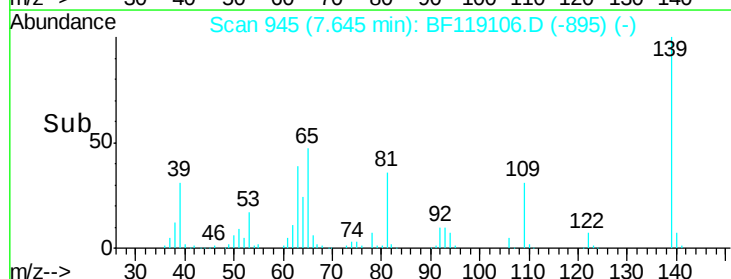
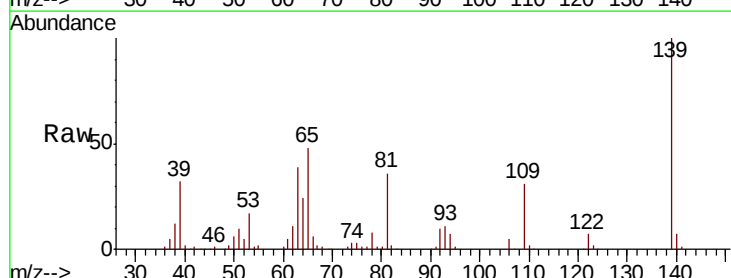
Manual Integrations
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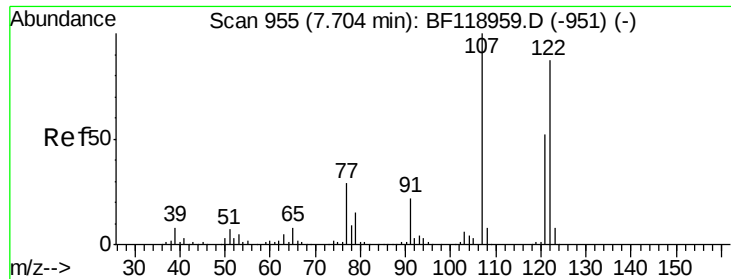
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#26
2-Nitrophenol
Concen: 39.479 ng
RT: 7.65 min Scan# 945
Delta R.T. -0.01 min
Lab File: BF119106.D
Acq: 27 Feb 2020 13:10

Tgt Ion	Ratio	Resp	Lower	Upper
139	100			
109	31.4	25.7	38.5	
65	47.7	37.1	55.7	





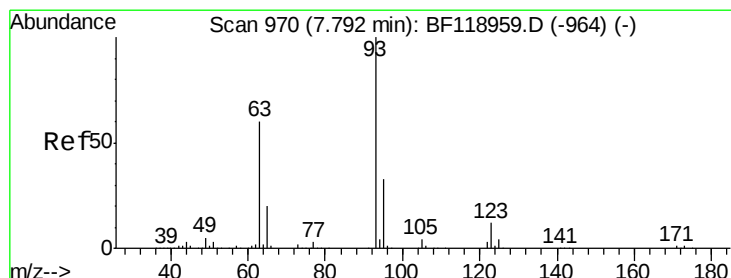
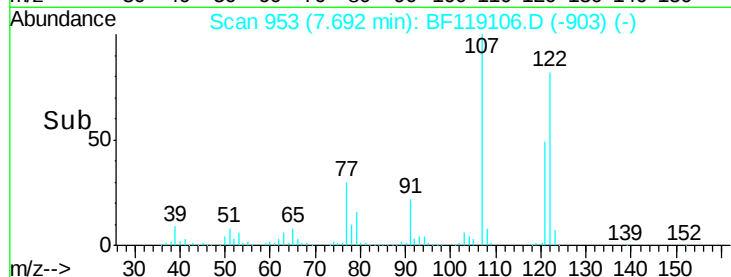
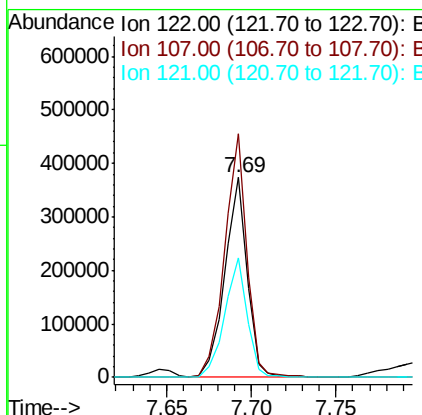
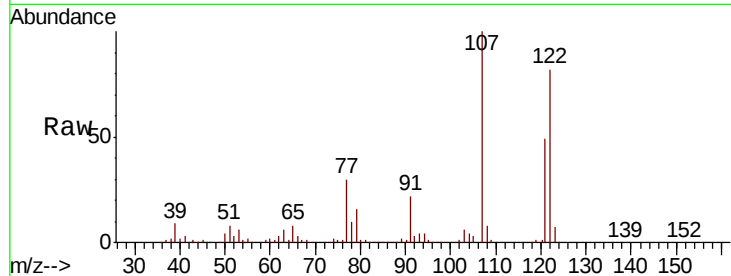
#27
2,4-Dimethylphenol
Concen: 43.861 ng
RT: 7.69 min Scan# 953
Delta R.T. -0.01 min
Lab File: BF119106.D
Acq: 27 Feb 2020 13:10

Instrument :
BNA_F
ClientSampleId :
PB127120BS

Tot Ion	Ratio	Lower	Upper
122	100		
107	121.7	93.8	140.6
121	59.8	48.2	72.2

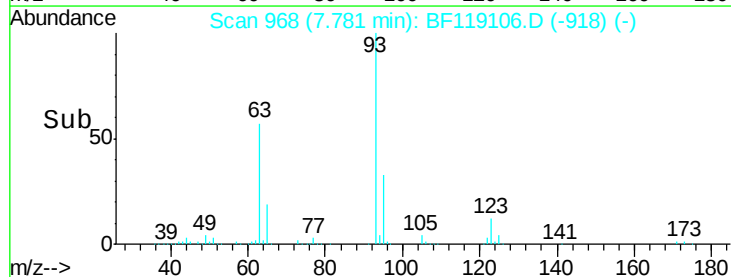
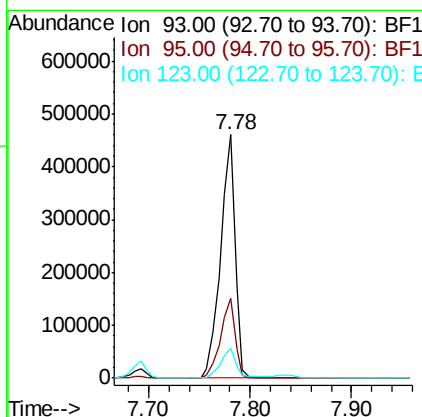
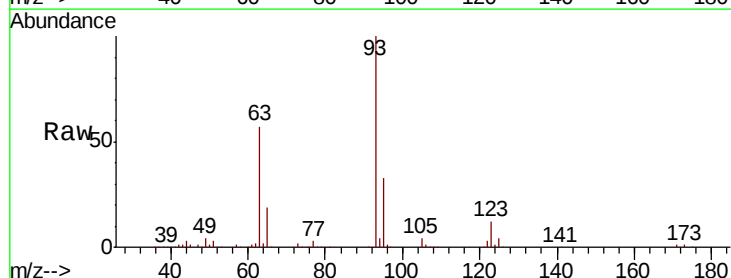
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#28
bis(2-Chloroethoxy)methane
Concen: 37.047 ng
RT: 7.78 min Scan# 968
Delta R.T. -0.01 min
Lab File: BF119106.D
Acq: 27 Feb 2020 13:10

Tgt Ion	Ratio	Lower	Upper
93	100		
95	32.7	26.5	39.7
123	12.3	10.2	15.2





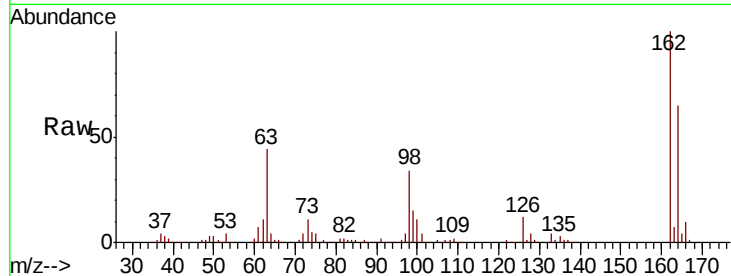
#29
2,4-Dichlorophenol
Concen: 39.014 ng
RT: 7.90 min Scan# 988
Delta R.T. -0.00 min
Lab File: BF119106.D
Acq: 27 Feb 2020 13:10

Instrument :
BNA_F
ClientSampleId :
PB127120BS

Tot Ion	Ratio	Resp	Lower	Upper
162	100	359811		
164	64.8	45.2	85.2	
98	34.1	17.4	57.4	

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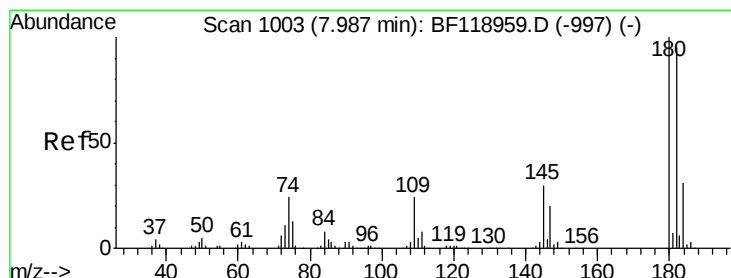
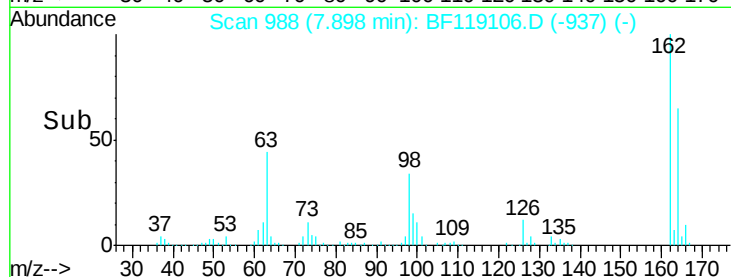
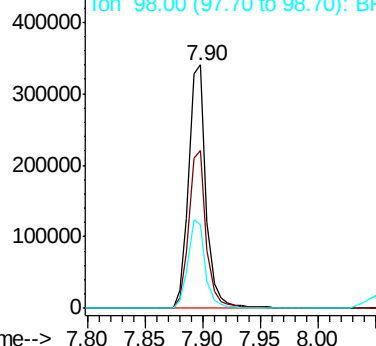


Abundance

Ion 162.00 (161.70 to 162.70): E

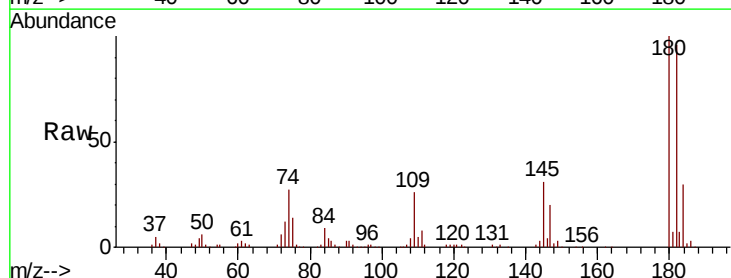
Ion 164.00 (163.70 to 164.70): E

Ion 98.00 (97.70 to 98.70): BF1



#30
1,2,4-Trichlorobenzene
Concen: 36.096 ng
RT: 7.97 min Scan# 1000
Delta R.T. -0.01 min
Lab File: BF119106.D
Acq: 27 Feb 2020 13:10

Tgt Ion	Ratio	Resp	Lower	Upper
180	100	394697		
182	96.4	77.8	116.6	
145	31.3	25.2	37.8	

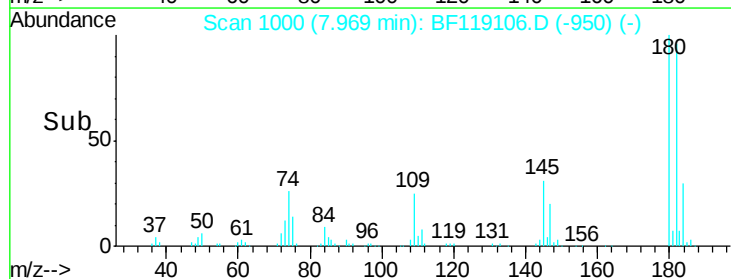
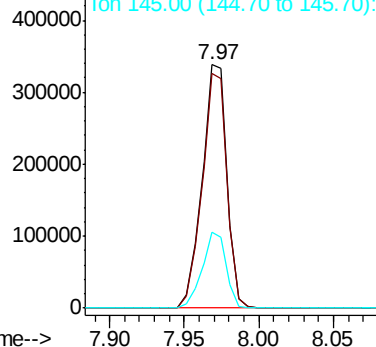


Abundance

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: 38.657 ng

RT: 8.05 min Scan# 1014

Delta R.T. -0.00 min

Lab File: BF119106.D

Acq: 27 Feb 2020 13:10

Instrument :

BNA_F

ClientSampleId :

PB127120BS

Tot Ion:128 Resp: 1166139

Ion Ratio Lower Upper

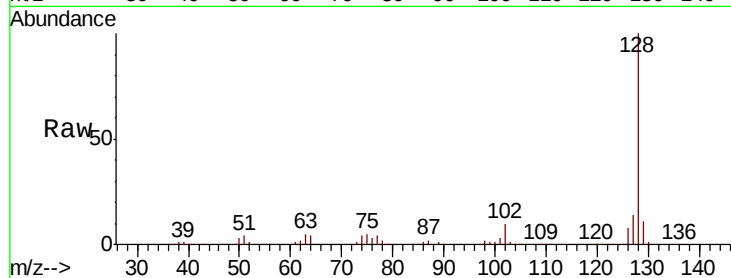
128 100

129 11.0 9.4 14.2

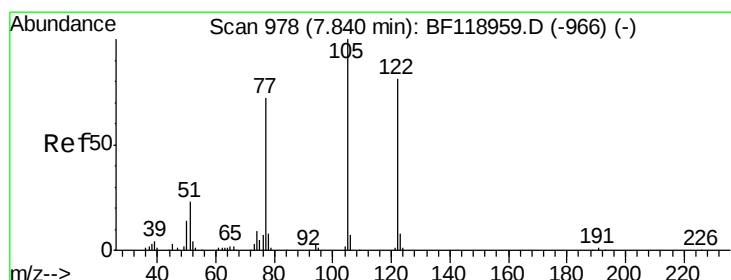
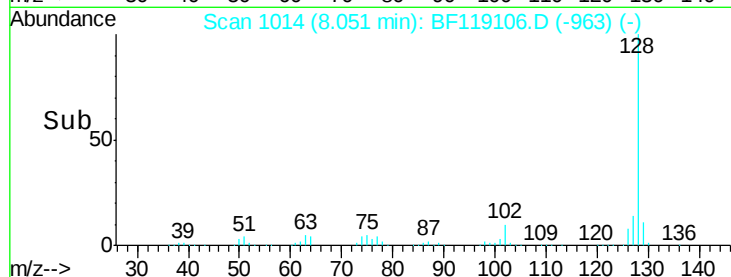
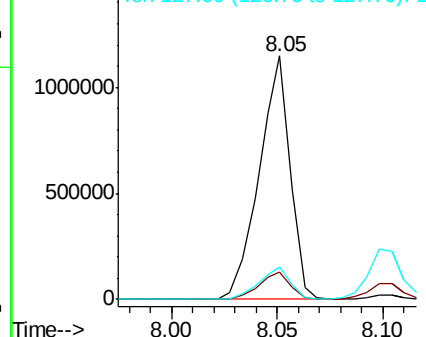
127 13.5 11.4 17.2

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



#32

Benzoic acid

Concen: 37.983 ng

RT: 7.84 min Scan# 978

Delta R.T. -0.02 min

Lab File: BF119106.D

Acq: 27 Feb 2020 13:10

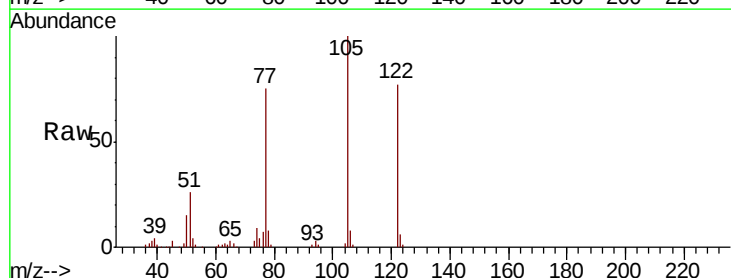
Tgt Ion:122 Resp: 207861

Ion Ratio Lower Upper

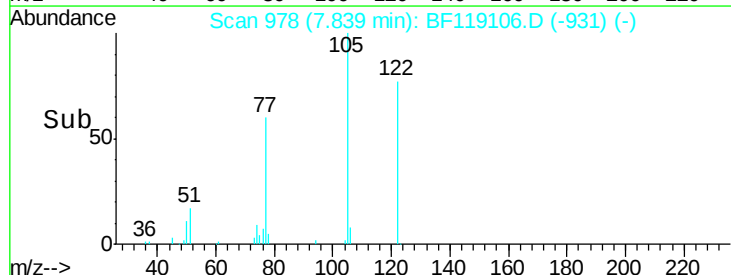
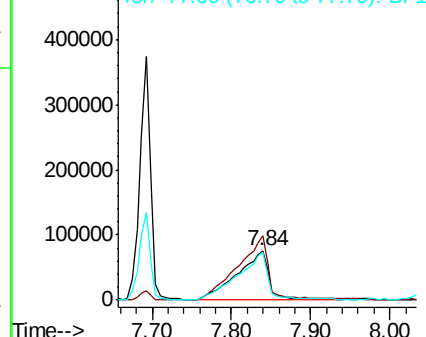
122 100

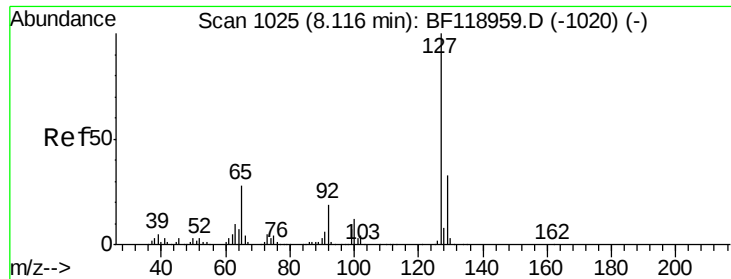
105 130.4 106.3 146.3

77 97.3 73.1 113.1



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





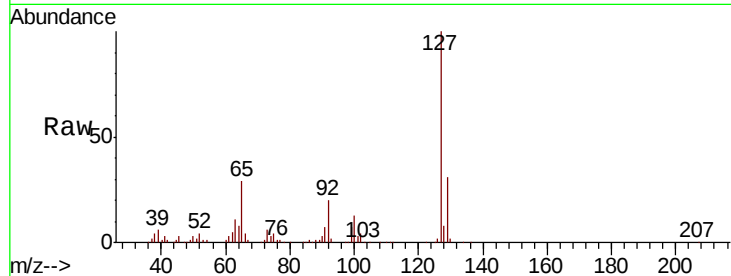
#33
4-Chloroaniline
Concen: 22.444 ng
RT: 8.10 min Scan# 1022
Delta R.T. -0.01 min
Lab File: BF119106.D
Acq: 27 Feb 2020 13:10

Instrument :
BNA_F
ClientSampleId :
PB127120BS

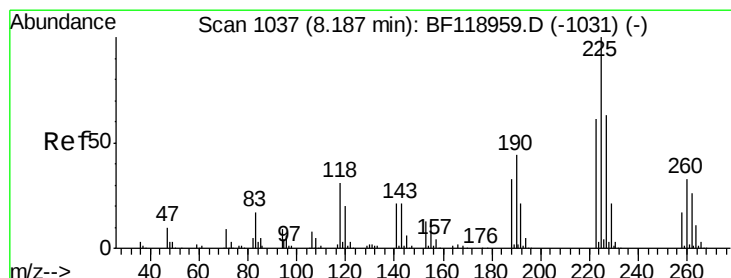
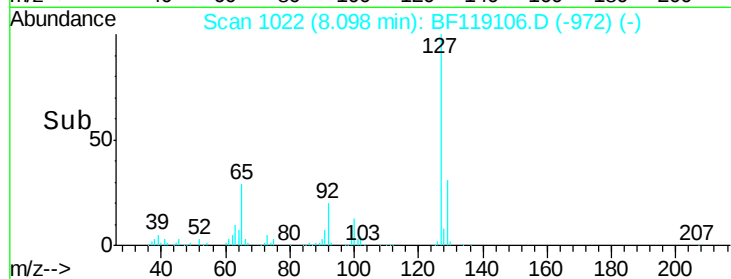
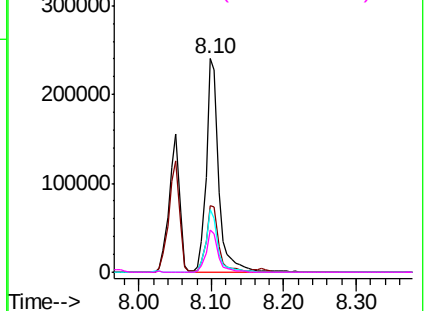
Tot Ion	Ion	Ratio	Resp	Lower	Upper
127	100		291212		
129	31.5	25.9	38.9		
65	29.4	23.9	35.9		
92	20.0	16.3	24.5		

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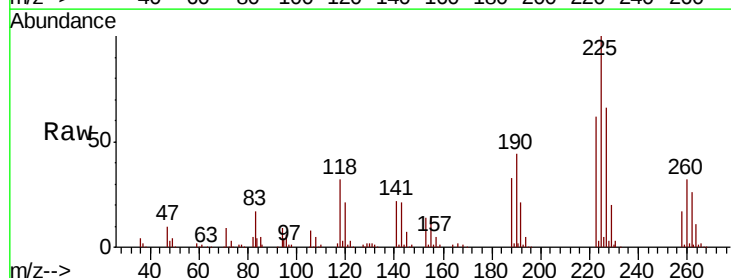


Abundance Ion 127.00 (126.70 to 127.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 65.00 (64.70 to 65.70): BF1
Ion 92.00 (91.70 to 92.70): BF1

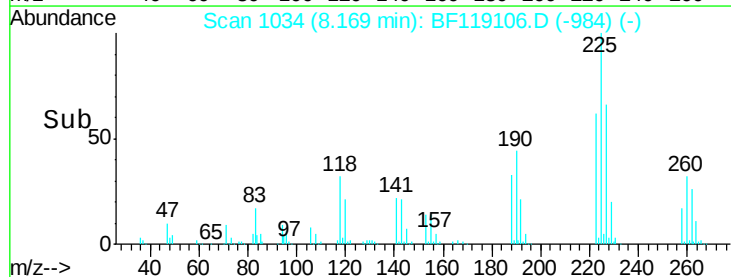
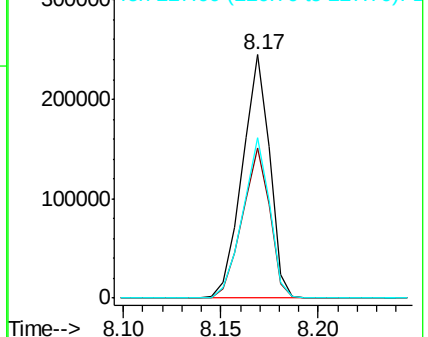


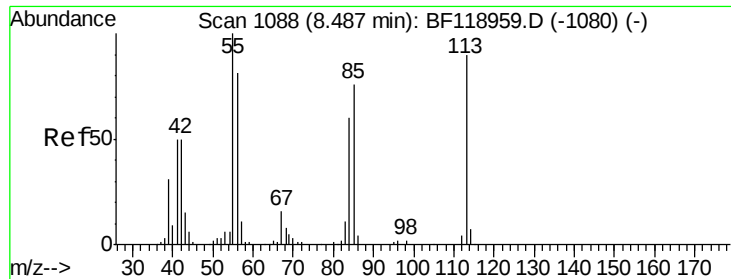
#34
Hexachlorobutadiene
Concen: 34.954 ng
RT: 8.17 min Scan# 1034
Delta R.T. -0.01 min
Lab File: BF119106.D
Acq: 27 Feb 2020 13:10

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
225	100		238076		
223	61.7	49.4	74.2		
227	66.1	52.9	79.3		



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





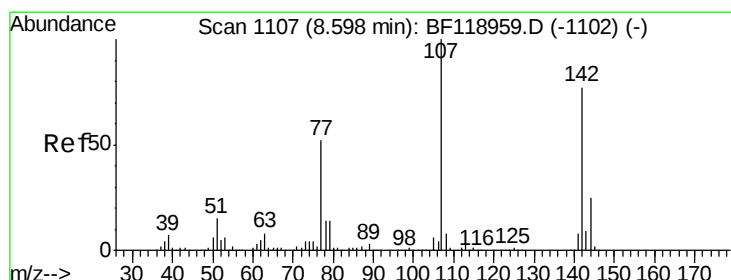
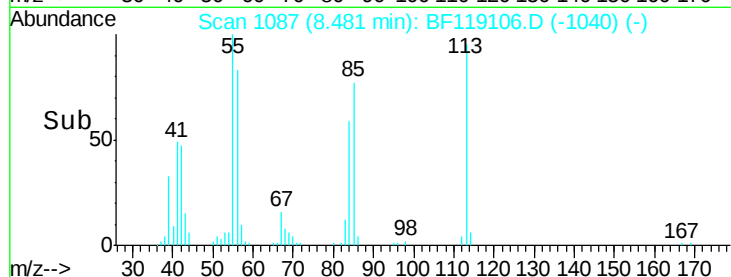
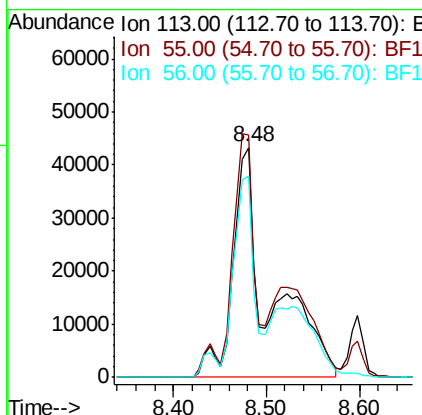
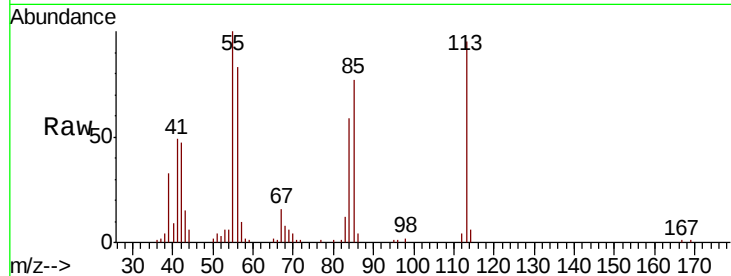
#35
Caprolactam
Concen: 41.485 ng m
RT: 8.48 min Scan# 1087
Delta R.T. -0.02 min
Lab File: BF119106.D
Acq: 27 Feb 2020 13:10

Instrument :
BNA_F
ClientSampleId :
PB127120BS

Tot Ion	Ratio	Lower	Upper
113	100		
55	105.6	95.7	135.7
56	88.0	73.1	113.1

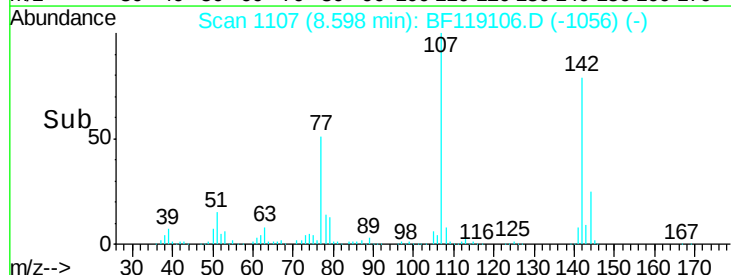
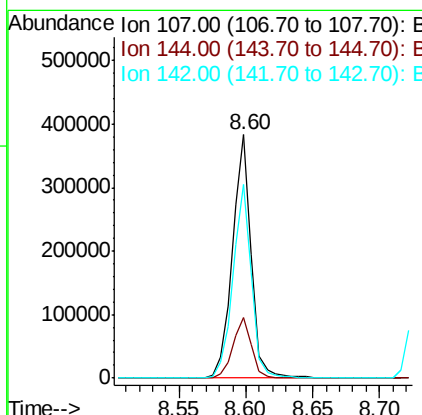
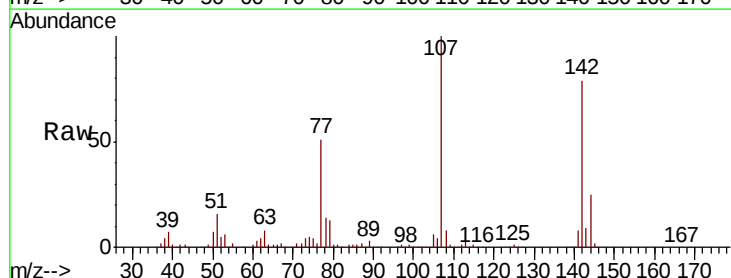
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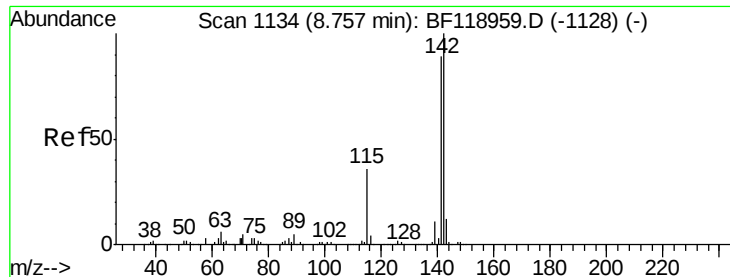
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#36
4-Chloro-3-methylphenol
Concen: 40.349 ng
RT: 8.60 min Scan# 1107
Delta R.T. -0.00 min
Lab File: BF119106.D
Acq: 27 Feb 2020 13:10

Tgt Ion	Ratio	Lower	Upper
107	100		
144	25.0	20.1	30.1
142	79.4	61.4	92.2





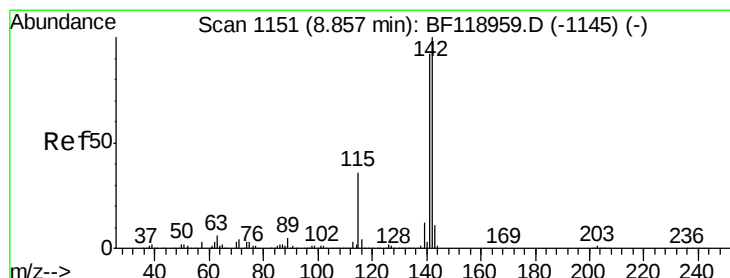
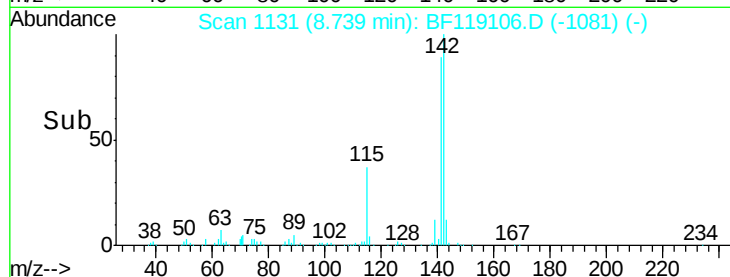
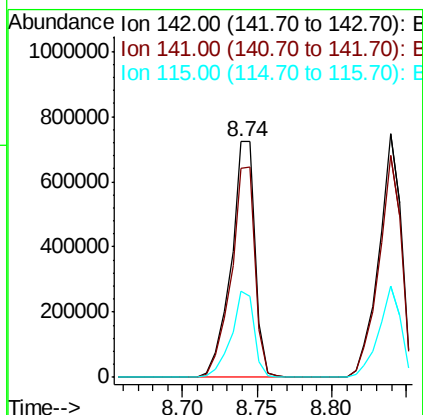
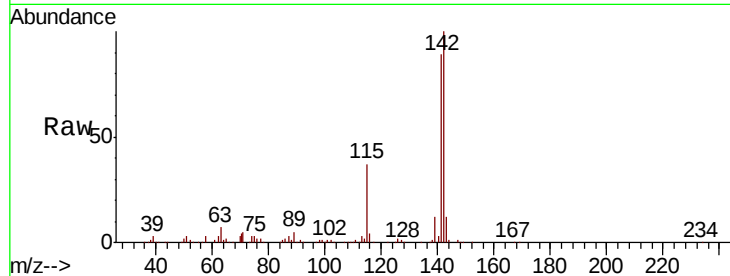
#37
2-Methylnaphthalene
Concen: 40.091 ng
RT: 8.74 min Scan# 1131
Delta R.T. -0.01 min
Lab File: BF119106.D
Acq: 27 Feb 2020 13:10

Instrument :
BNA_F
ClientSampleId :
PB127120BS

Tot Ion	Ratio	Lower	Upper
142	100		
141	88.9	72.3	108.5
115	36.6	30.6	45.8

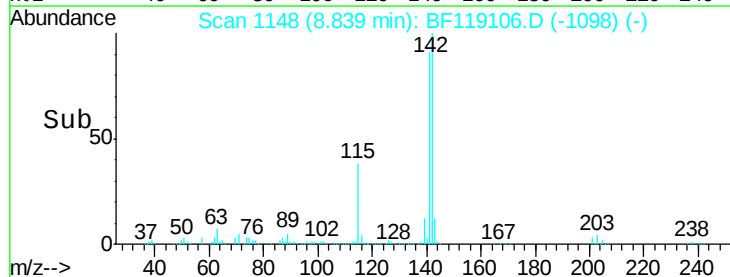
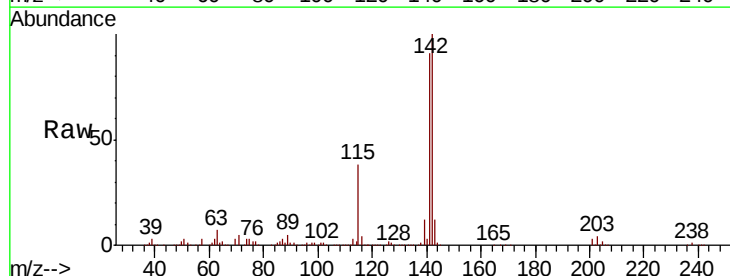
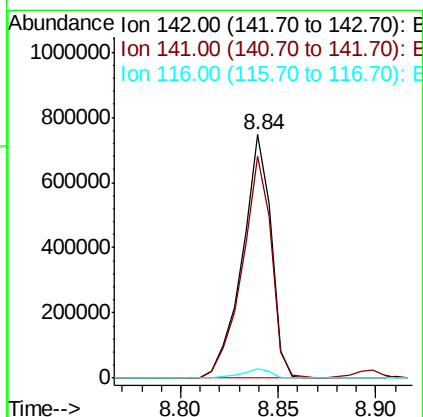
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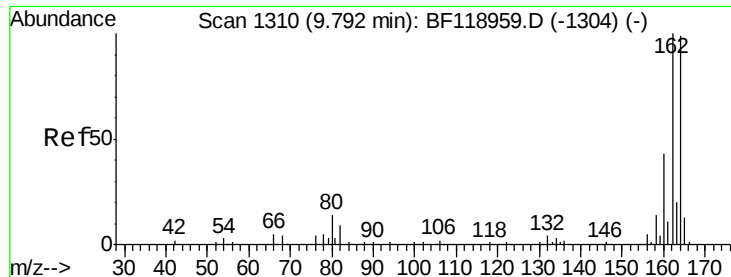
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#38
1-Methylnaphthalene
Concen: 39.937 ng
RT: 8.84 min Scan# 1148
Delta R.T. -0.01 min
Lab File: BF119106.D
Acq: 27 Feb 2020 13:10

Tgt Ion	Ratio	Lower	Upper
142	100		
141	90.9	75.8	113.6
116	3.9	3.1	4.7





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.78 min Scan# 1308

Delta R.T. -0.01 min

Lab File: BF119106.D

Acq: 27 Feb 2020 13:10

Instrument :

BNA_F

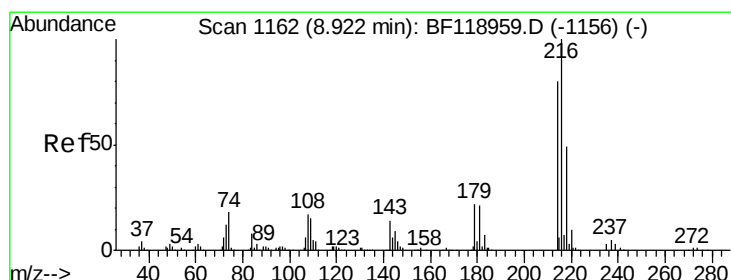
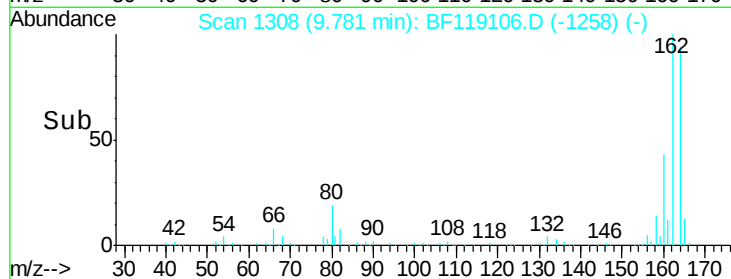
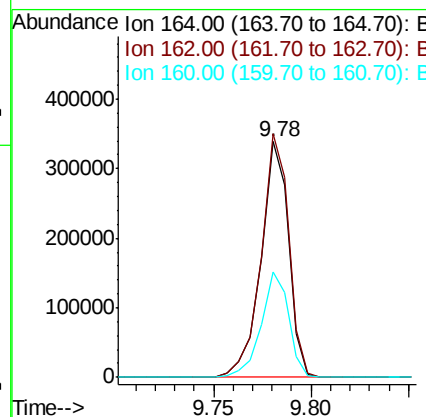
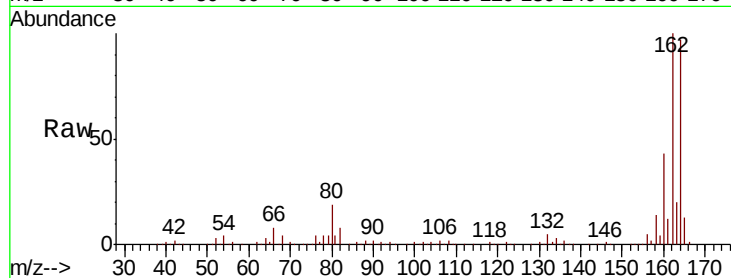
ClientSampleId :

PB127120BS

Tot Ion:	164	Resp:	332641
Ion Ratio	Lower	Upper	
164	100		
162	103.3	81.8	122.8
160	44.9	36.0	54.0

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#40

1,2,4,5-Tetrachlorobenzene

Concen: 35.955 ng

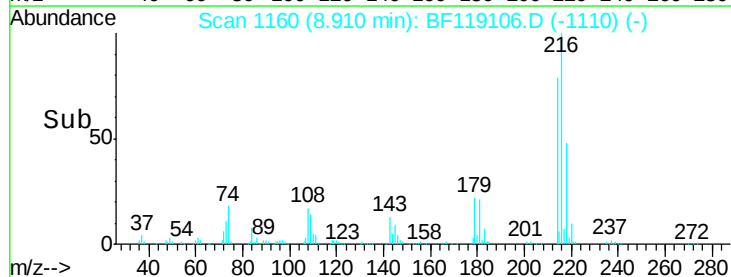
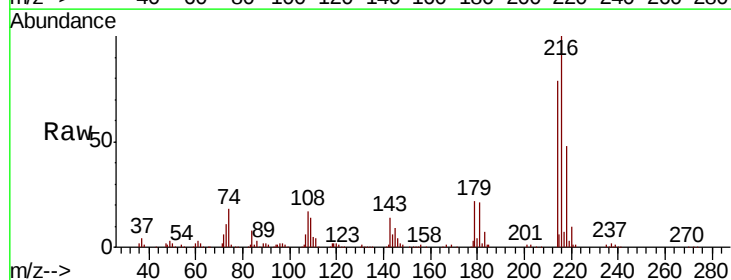
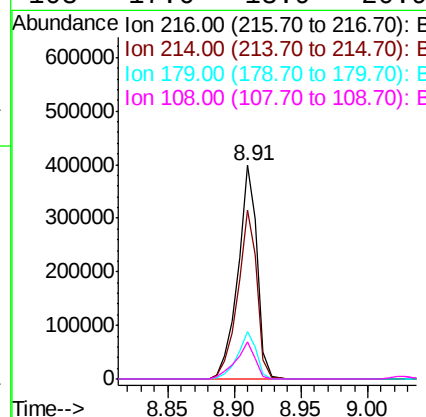
RT: 8.91 min Scan# 1160

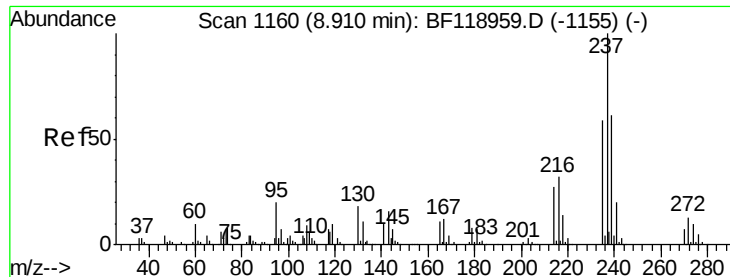
Delta R.T. -0.01 min

Lab File: BF119106.D

Acq: 27 Feb 2020 13:10

Tgt Ion:	216	Resp:	403241
Ion Ratio	Lower	Upper	
216	100		
214	79.0	63.3	94.9
179	21.8	17.7	26.5
108	17.6	13.9	20.9





#41

Hexachlorocyclopentadiene

Concen: 48.386 ng

RT: 8.90 min Scan# 1158

Delta R.T. -0.00 min

Lab File: BF119106.D

Acq: 27 Feb 2020 13:10

Instrument :

BNA_F

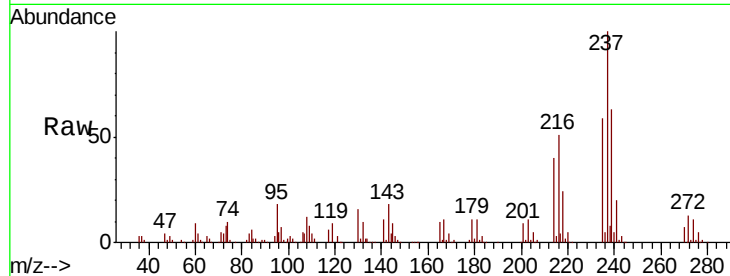
ClientSampleId :

PB127120BS

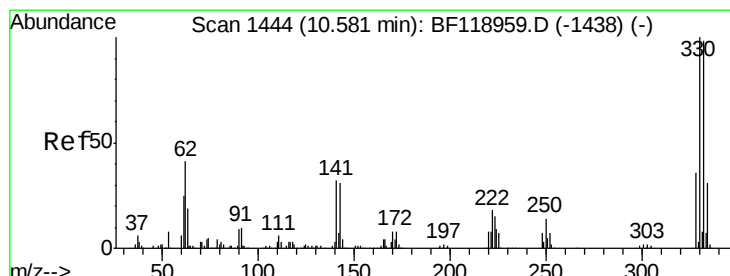
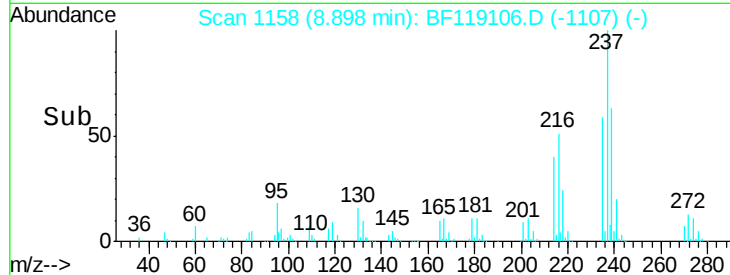
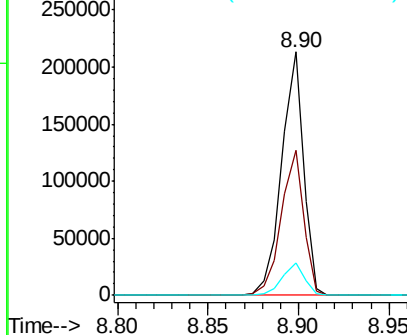
Tot Ion:	237	Resp:	180356
Ion Ratio	Lower	Upper	
237	100		
235	59.4	42.3	82.3
272	13.2	0.0	33.5

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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: 104.843 ng

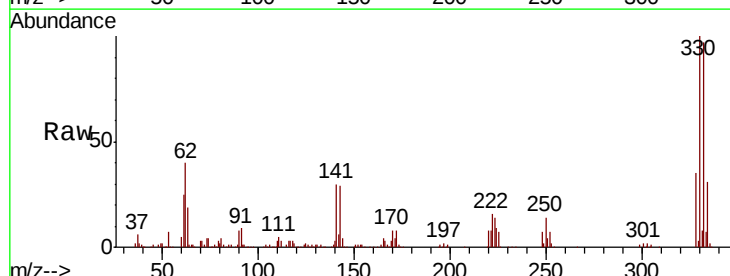
RT: 10.57 min Scan# 1443

Delta R.T. -0.00 min

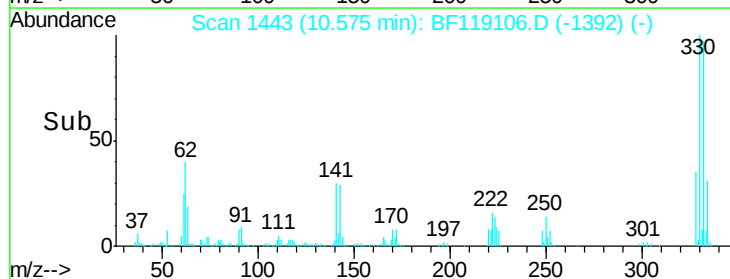
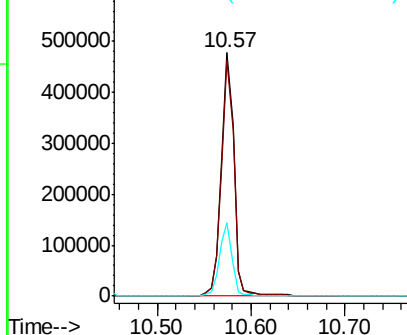
Lab File: BF119106.D

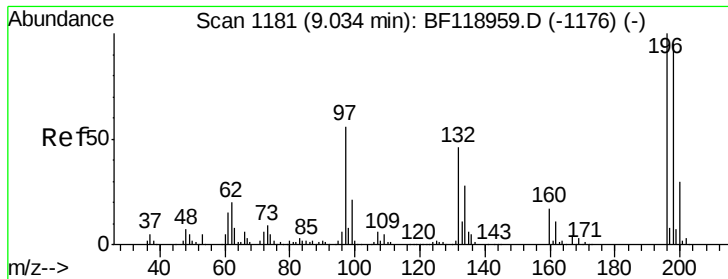
Acq: 27 Feb 2020 13:10

Tgt Ion:	330	Resp:	456223
Ion Ratio	Lower	Upper	
330	100		
332	96.6	76.0	114.0
141	29.6	22.9	34.3



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





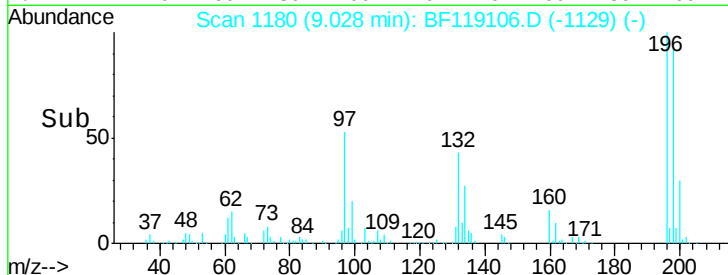
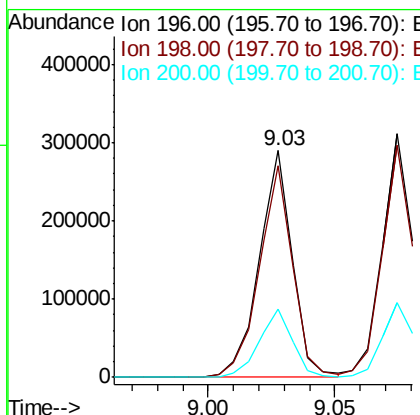
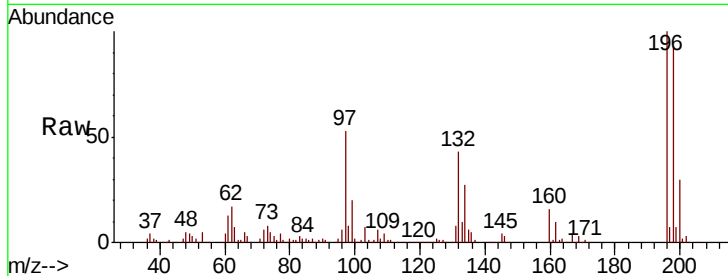
#43
 2,4,6-Trichlorophenol
 Concen: 37.280 ng
 RT: 9.03 min Scan# 1180
 Delta R.T. -0.00 min
 Lab File: BF119106.D
 Acq: 27 Feb 2020 13:10

Instrument :
 BNA_F
 ClientSampleId :
 PB127120BS

Tot Ion	Ratio	Resp	Lower	Upper
196	100	264032		
198	93.4	77.1	115.7	
200	30.3	25.0	37.6	

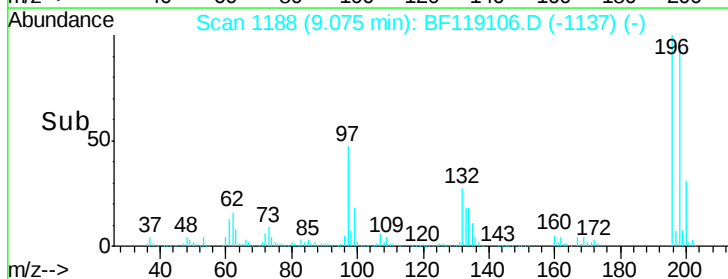
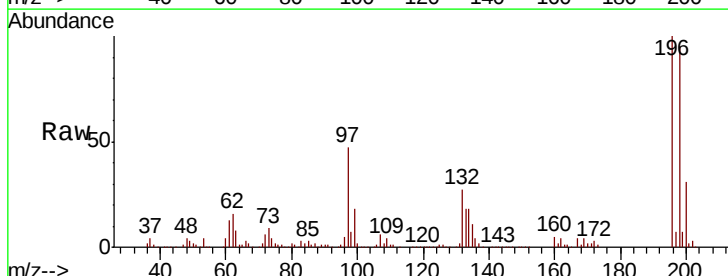
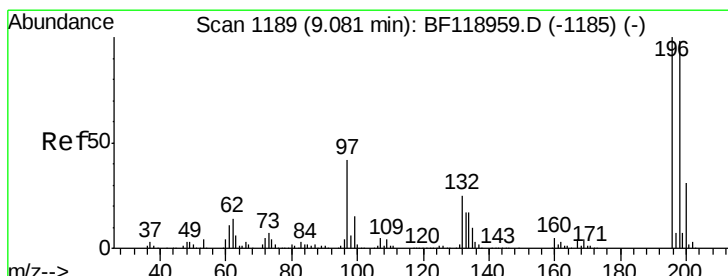
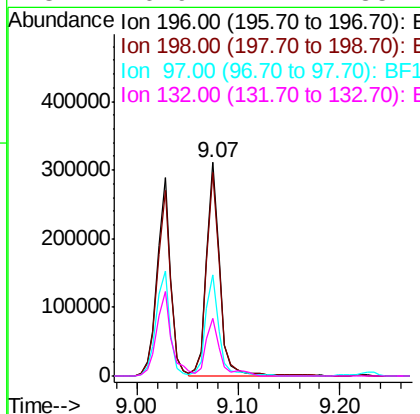
Manual Integrations
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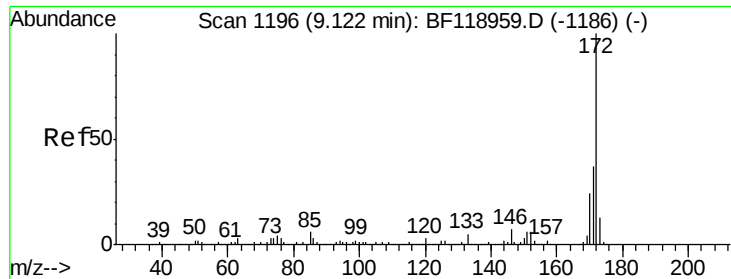
mohammad
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#44
 2,4,5-Trichlorophenol
 Concen: 37.588 ng
 RT: 9.07 min Scan# 1188
 Delta R.T. -0.00 min
 Lab File: BF119106.D
 Acq: 27 Feb 2020 13:10

Tgt Ion	Ratio	Resp	Lower	Upper
196	100	279349		
198	95.4	76.8	115.2	
97	47.2	38.5	57.7	
132	26.9	22.2	33.4	





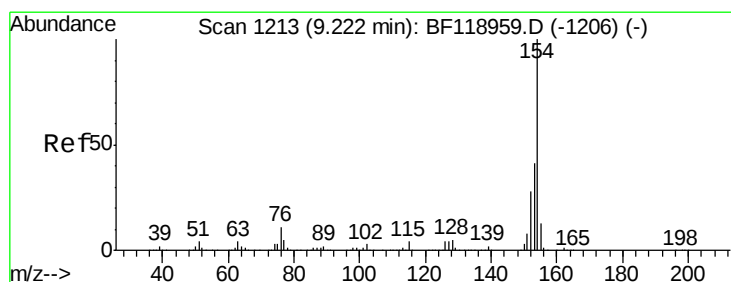
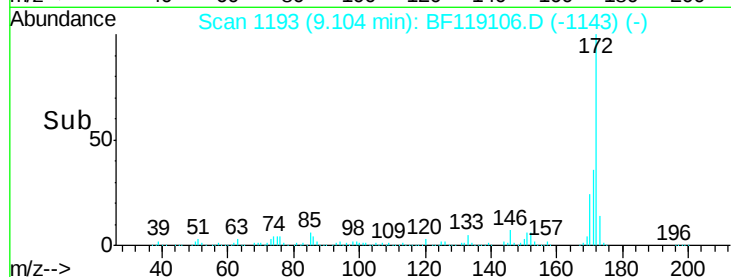
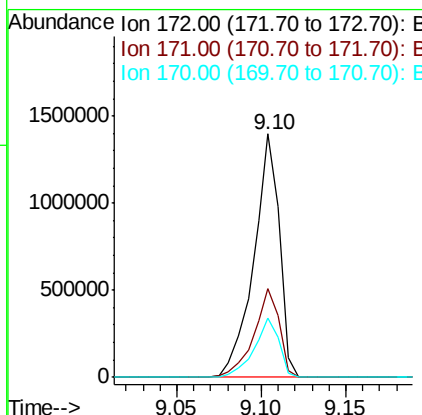
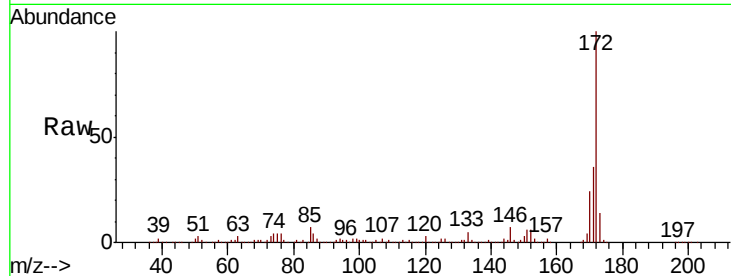
#45
2-Fluorobiphenyl
Concen: 65.284 ng
RT: 9.10 min Scan# 1193
Delta R.T. -0.01 min
Lab File: BF119106.D
Acq: 27 Feb 2020 13:10

Instrument :
BNA_F
ClientSampleId :
PB127120BS

Tot Ion	Ratio	Lower	Upper
172	100		
171	36.4	30.6	45.8
170	24.2	20.2	30.2

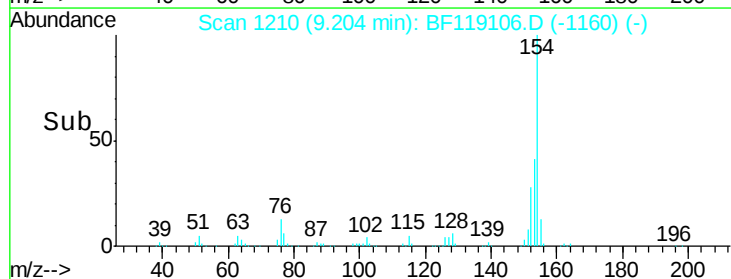
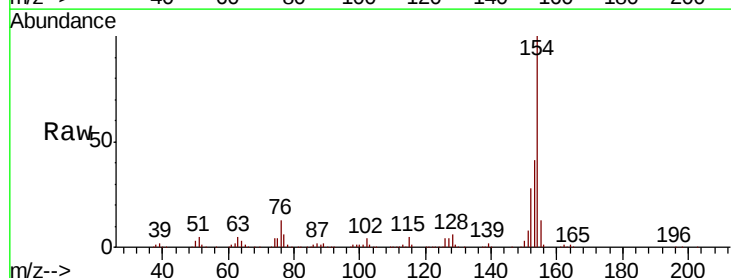
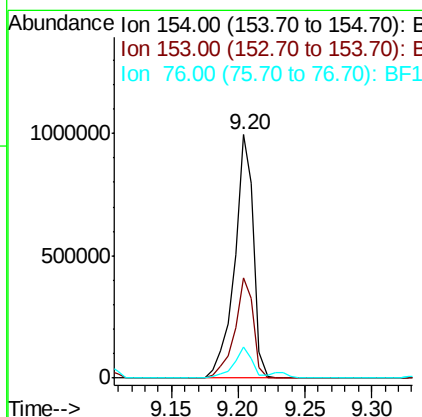
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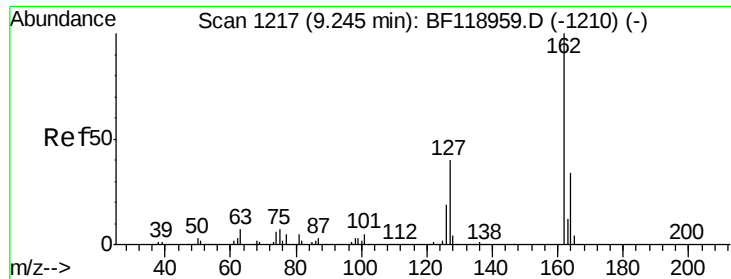
mohammad
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#46
1,1'-Biphenyl
Concen: 36.588 ng
RT: 9.20 min Scan# 1210
Delta R.T. -0.01 min
Lab File: BF119106.D
Acq: 27 Feb 2020 13:10

Tgt Ion	Ratio	Lower	Upper
154	100		
153	41.4	22.8	62.8
76	12.8	0.0	32.2





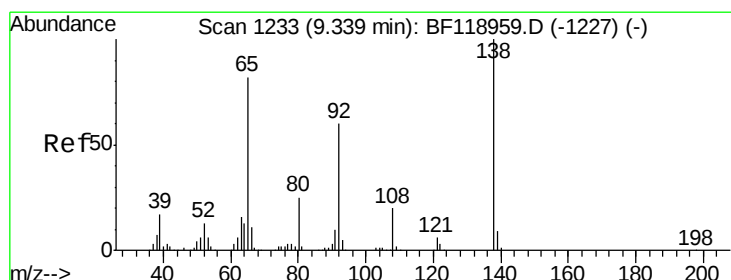
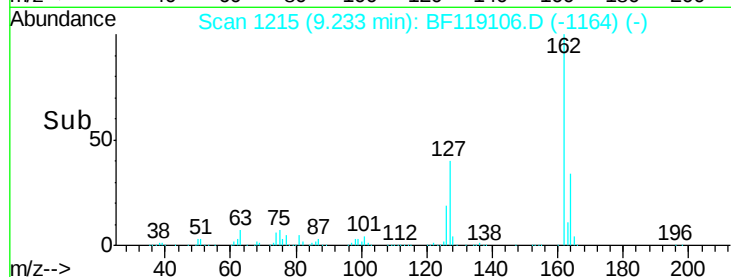
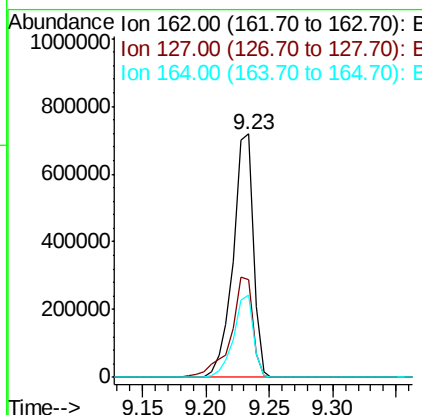
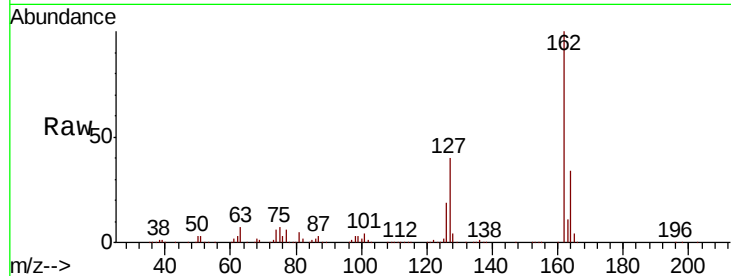
#47
 2-Chloronaphthalene
 Concen: 36.347 ng
 RT: 9.23 min Scan# 1215
 Delta R.T. -0.00 min
 Lab File: BF119106.D
 Acq: 27 Feb 2020 13:10

Instrument :
 BNA_F
 ClientSampleId :
 PB127120BS

Tot Ion	Ratio	Lower	Upper
162	100		
127	40.1	35.0	52.4
164	33.7	27.2	40.8

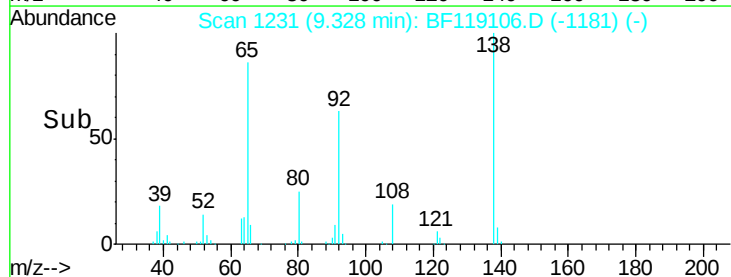
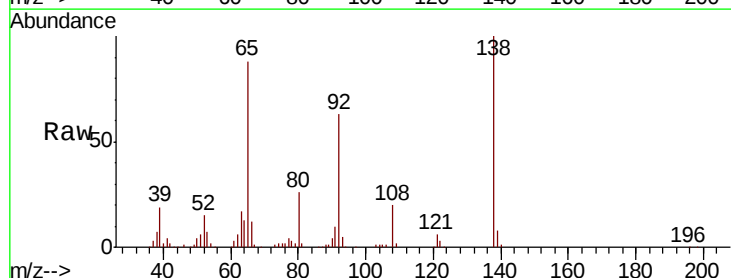
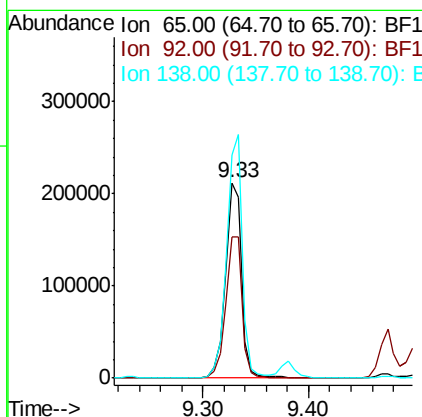
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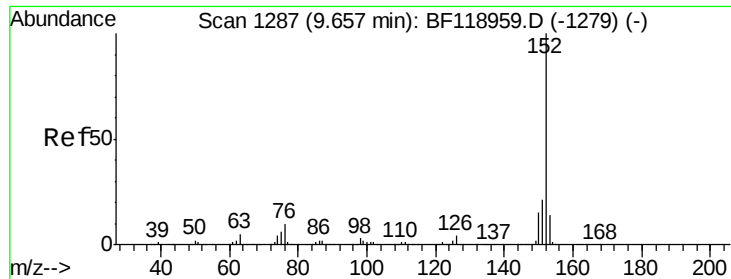
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#48
 2-Nitroaniline
 Concen: 37.051 ng
 RT: 9.33 min Scan# 1231
 Delta R.T. -0.01 min
 Lab File: BF119106.D
 Acq: 27 Feb 2020 13:10

Tgt Ion	Ratio	Lower	Upper
65	100		
92	72.4	58.2	87.2
138	114.1	95.6	143.4





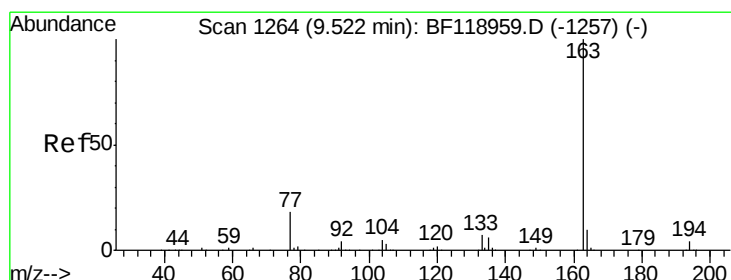
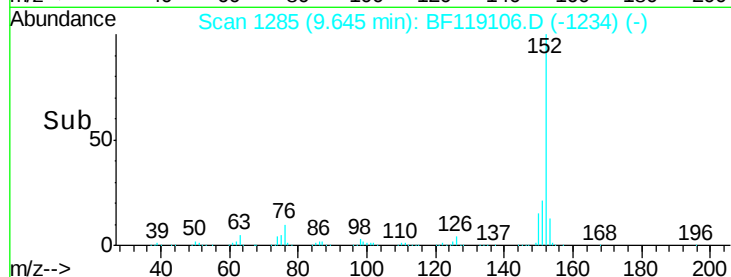
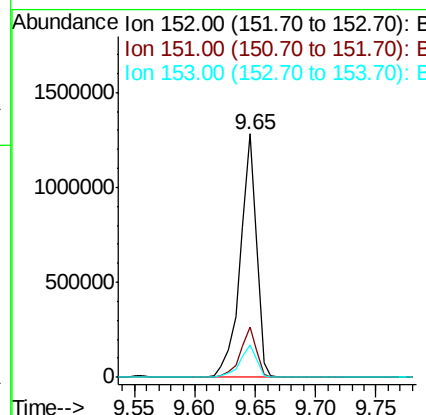
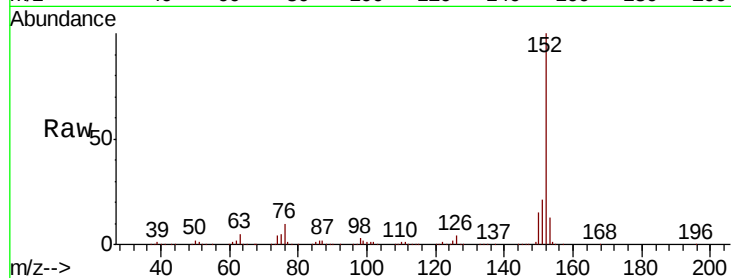
#49
Acenaphthylene
Concen: 38.573 ng
RT: 9.65 min Scan# 1285
Delta R.T. -0.00 min
Lab File: BF119106.D
Acq: 27 Feb 2020 13:10

Instrument :
BNA_F
ClientSampleId :
PB127120BS

Tot Ion	Ratio	Lower	Upper
152	100		
151	20.6	16.9	25.3
153	13.2	11.0	16.6

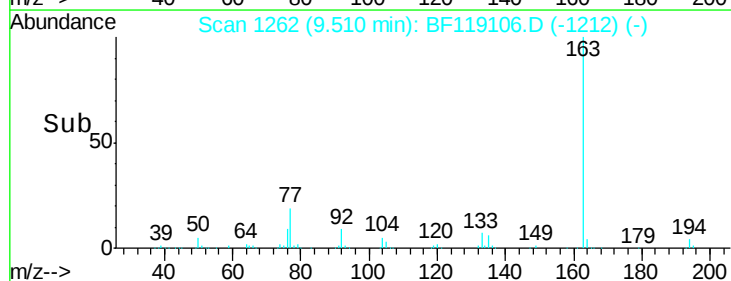
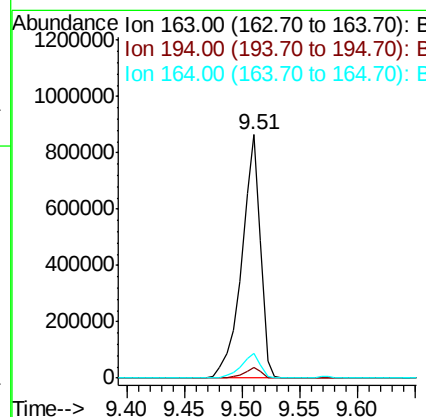
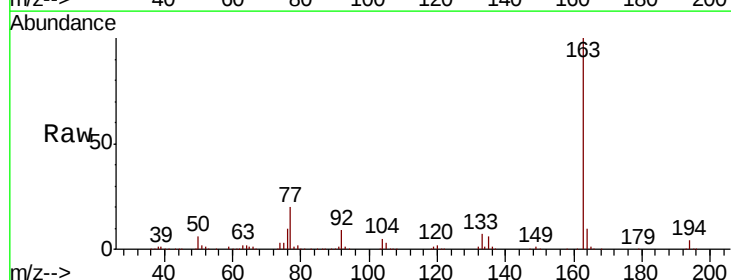
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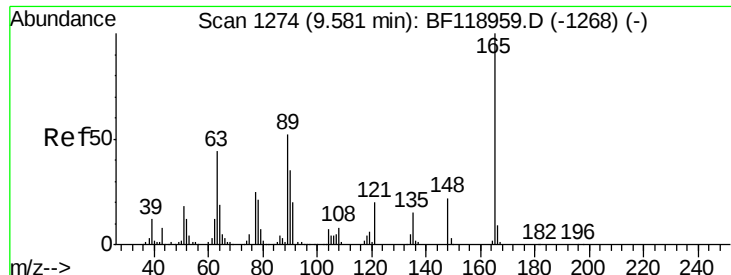
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#50
Dimethylphthalate
Concen: 37.775 ng
RT: 9.51 min Scan# 1262
Delta R.T. -0.01 min
Lab File: BF119106.D
Acq: 27 Feb 2020 13:10

Tgt Ion	Ratio	Lower	Upper
163	100		
194	4.3	3.5	5.3
164	10.1	8.4	12.6





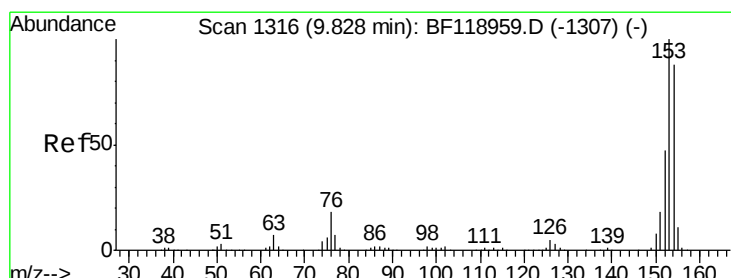
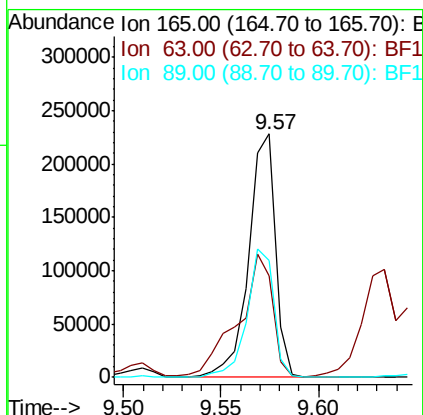
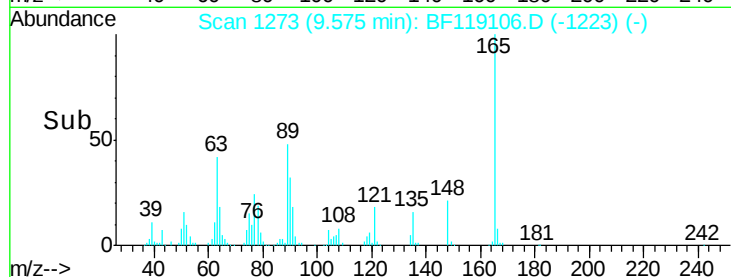
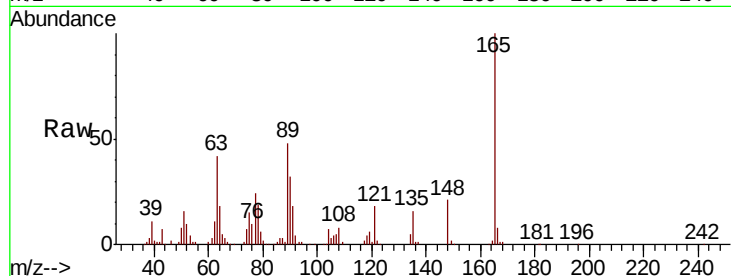
#51
2,6-Dinitrotoluene
Concen: 38.395 ng
RT: 9.57 min Scan# 1273
Delta R.T. -0.01 min
Lab File: BF119106.D
Acq: 27 Feb 2020 13:10

Instrument :
BNA_F
ClientSampleId :
PB127120BS

Tot Ion	Ratio	Resp	Lower	Upper
165	100	216978		
63	41.6		34.3	51.5
89	47.9		38.3	57.5

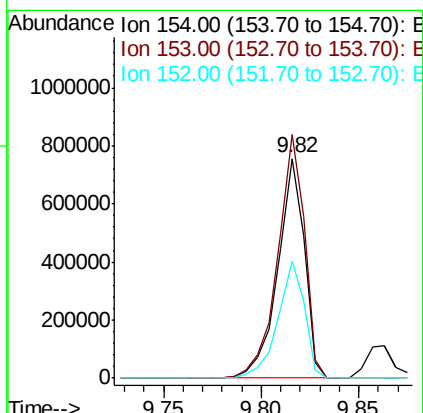
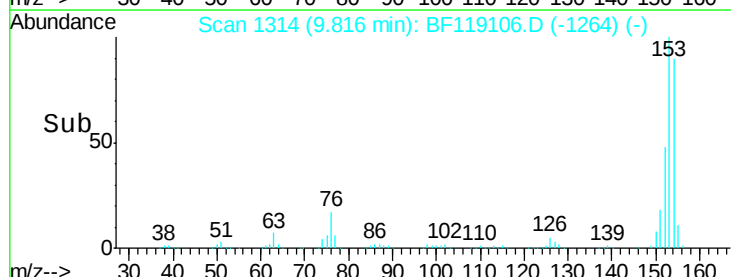
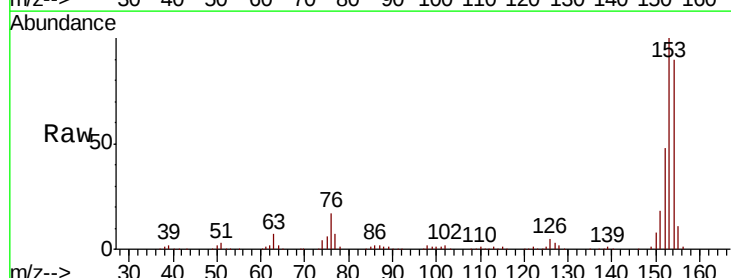
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#52
Acenaphthene
Concen: 37.837 ng
RT: 9.82 min Scan# 1314
Delta R.T. -0.01 min
Lab File: BF119106.D
Acq: 27 Feb 2020 13:10

Tgt Ion	Ratio	Resp	Lower	Upper
154	100	713883		
153	111.0		90.3	135.5
152	53.1		43.8	65.8





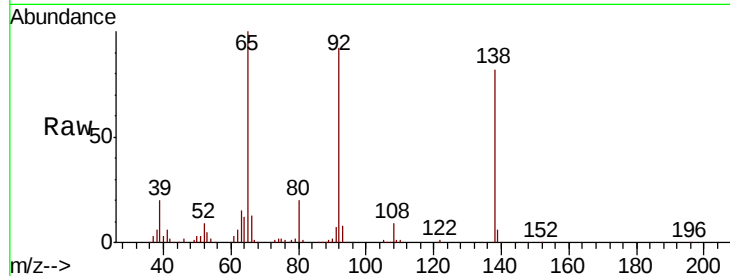
#53
3-Nitroaniline
Concen: 24.279 ng
RT: 9.74 min Scan# 1301
Delta R.T. -0.01 min
Lab File: BF119106.D
Acq: 27 Feb 2020 13:10

Instrument :
BNA_F
ClientSampleId :
PB127120BS

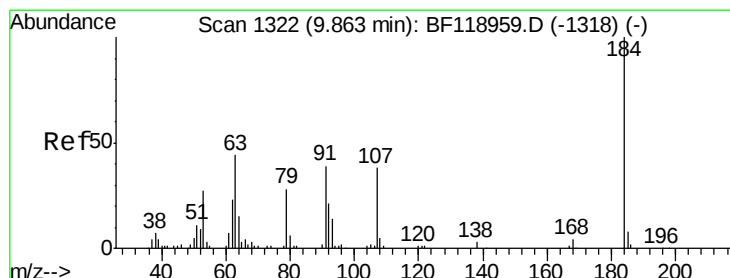
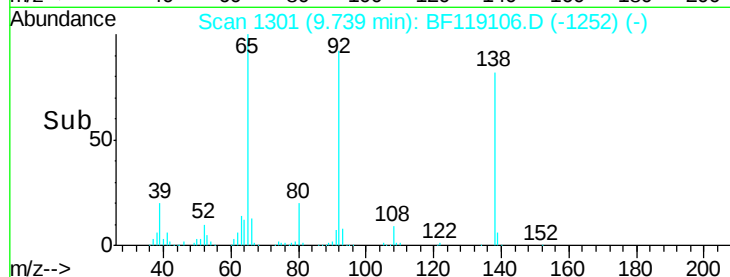
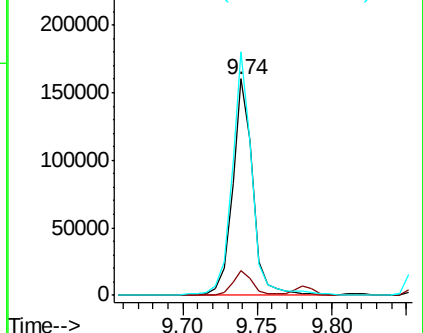
Tot Ion	Ratio	Lower	Upper
138	100		
108	11.4	8.8	13.2
92	112.5	84.8	127.2

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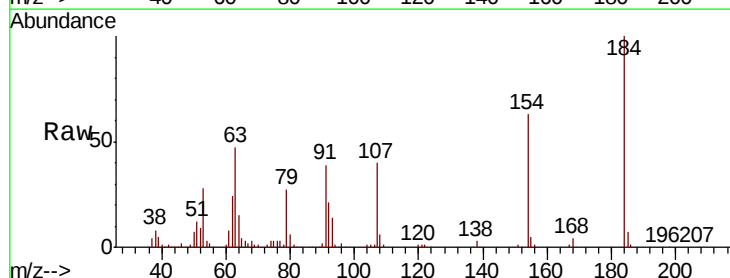


Abundance Ion 138.00 (137.70 to 138.70): E
Ion 108.00 (107.70 to 108.70): E
Ion 92.00 (91.70 to 92.70): BF1

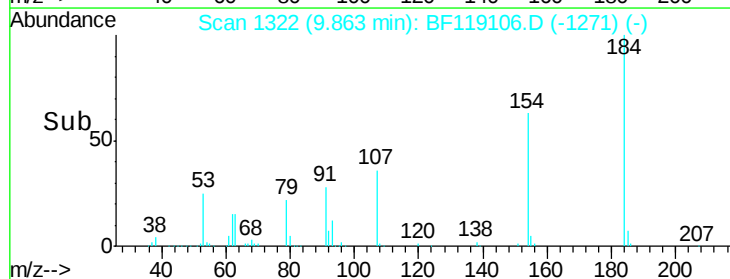
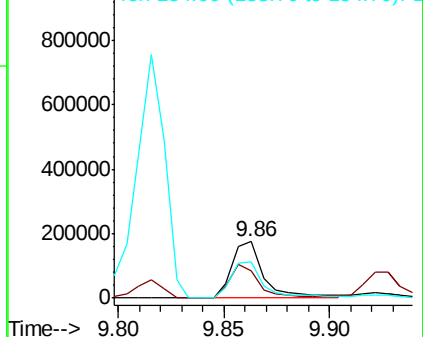


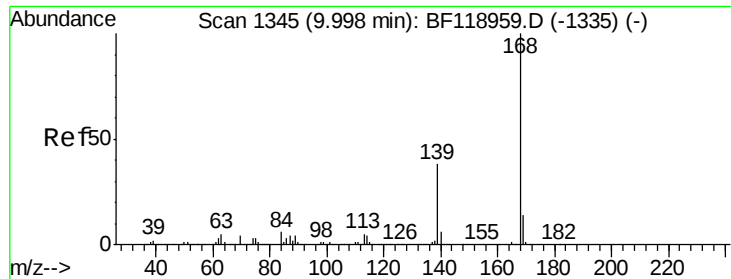
#54
2,4-Dinitrophenol
Concen: 69.253 ng
RT: 9.86 min Scan# 1322
Delta R.T. -0.00 min
Lab File: BF119106.D
Acq: 27 Feb 2020 13:10

Tgt Ion	Ratio	Lower	Upper
184	100		
63	47.2	38.7	58.1
154	63.2	49.7	74.5



Abundance Ion 184.00 (183.70 to 184.70): E
Ion 63.00 (62.70 to 63.70): BF1
Ion 154.00 (153.70 to 154.70): E





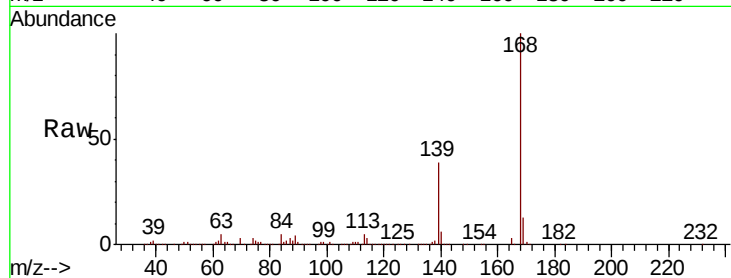
#55
Dibenzofuran
Concen: 38.112 ng
RT: 9.99 min Scan# 1344
Delta R.T. -0.00 min
Lab File: BF119106.D
Acq: 27 Feb 2020 13:10

Instrument :
BNA_F
ClientSampleId :
PB127120BS

Tot Ion	Ratio	Lower	Upper
168	100		
139	38.5	34.0	51.0
169	13.3	11.0	16.4

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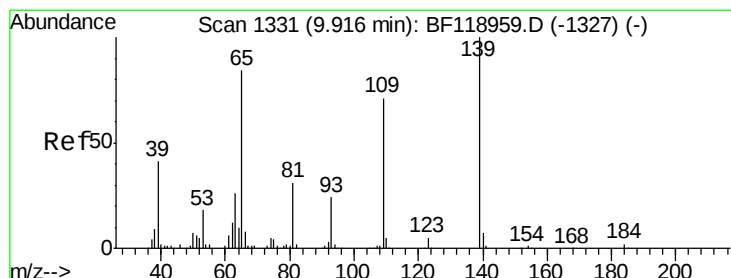
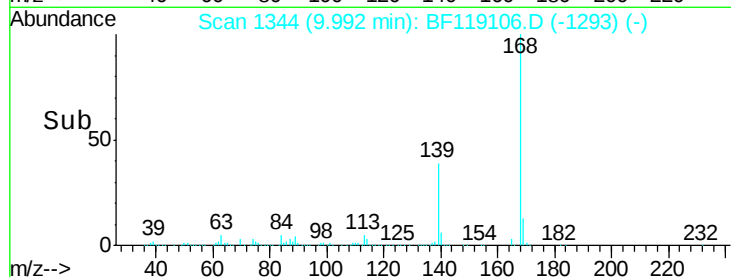
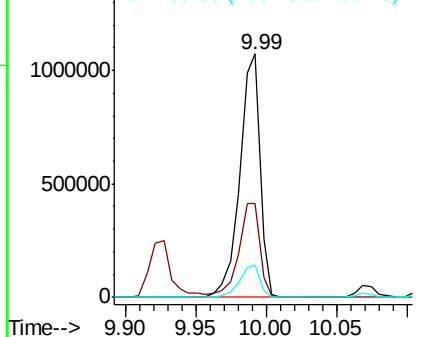


Abundance

Ion 168.00 (167.70 to 168.70): E

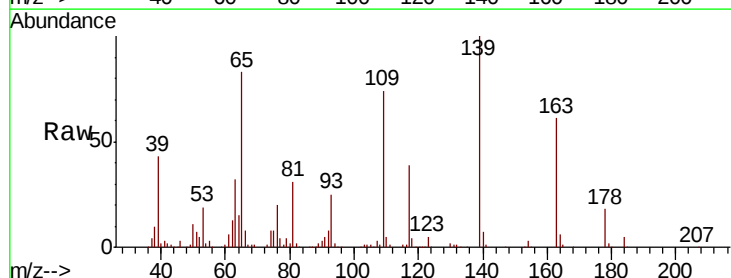
Ion 139.00 (138.70 to 139.70): E

Ion 169.00 (168.70 to 169.70): E



#56
4-Nitrophenol
Concen: 71.742 ng
RT: 9.93 min Scan# 1333
Delta R.T. 0.01 min
Lab File: BF119106.D
Acq: 27 Feb 2020 13:10

Tgt Ion	Ratio	Lower	Upper
139	100		
109	74.0	56.7	96.7
65	83.2	65.0	105.0

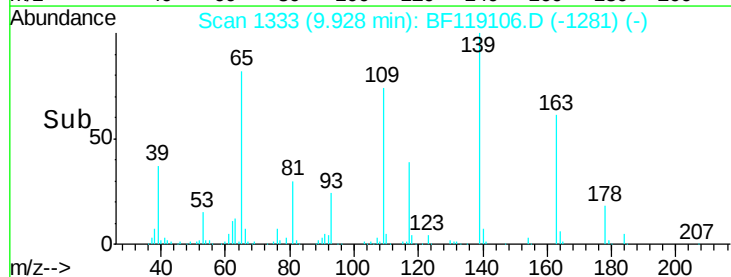
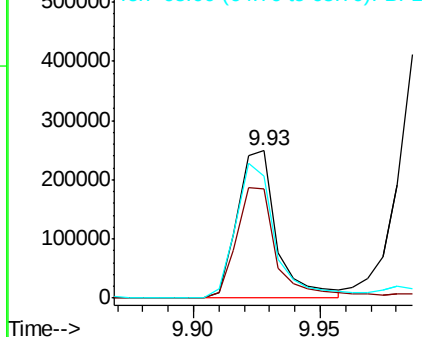


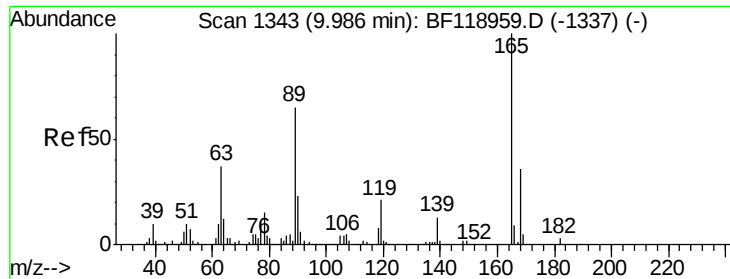
Abundance

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





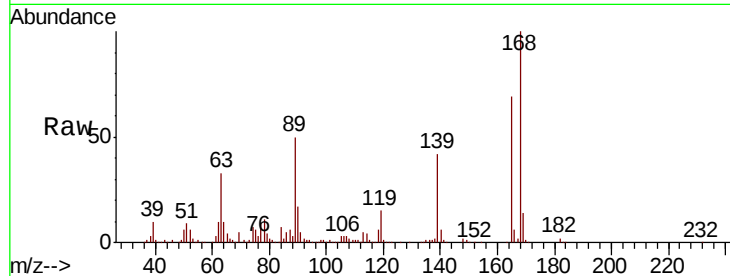
#57
 2,4-Dinitrotoluene
 Concen: 38.658 ng
 RT: 9.98 min Scan# 1342
 Delta R.T. -0.01 min
 Lab File: BF119106.D
 Acq: 27 Feb 2020 13:10

Instrument :
 BNA_F
 ClientSampleId :
 PB127120BS

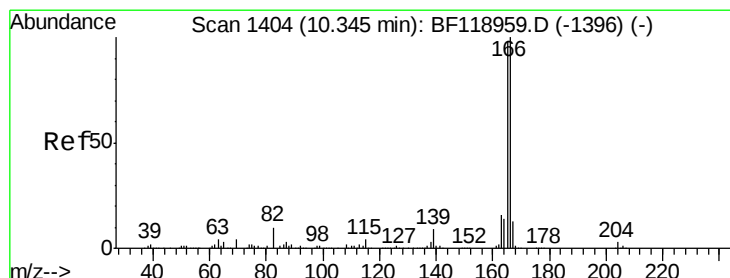
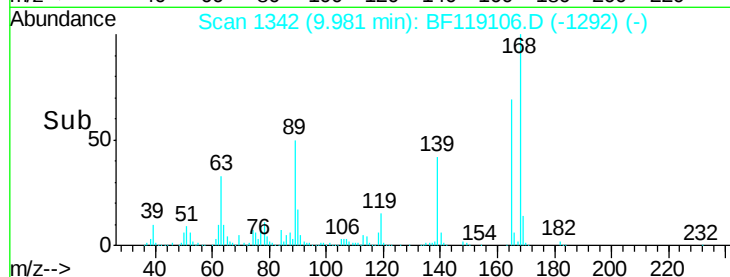
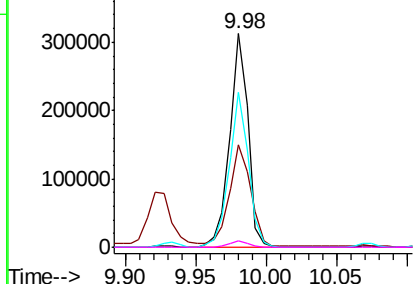
Tot Ion:	165	Resp:	283174
Ion Ratio	Lower	Upper	
165	100		
63	48.0	42.3	63.5
89	72.3	60.2	90.4
182	2.9	2.3	3.5

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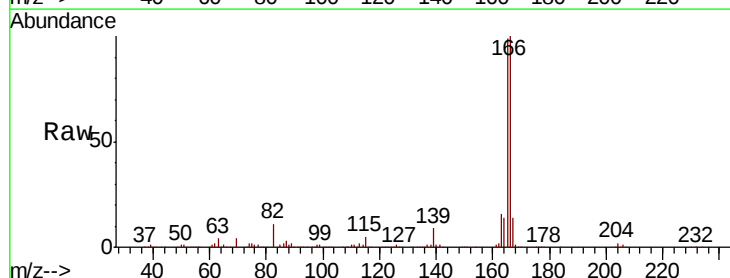


Abundance Ion 165.00 (164.70 to 165.70): E
 Ion 63.00 (62.70 to 63.70): BF1
 Ion 89.00 (88.70 to 89.70): BF1
 Ion 182.00 (181.70 to 182.70): E

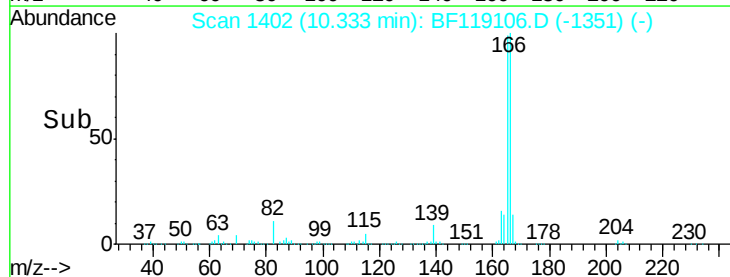
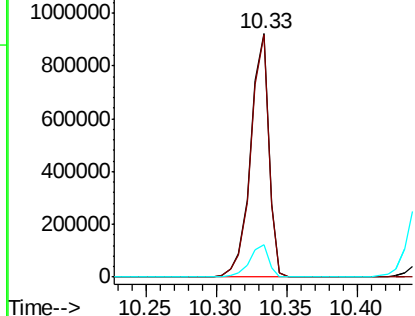


#58
 Fluorene
 Concen: 38.590 ng
 RT: 10.33 min Scan# 1402
 Delta R.T. -0.00 min
 Lab File: BF119106.D
 Acq: 27 Feb 2020 13:10

Tgt Ion:	166	Resp:	844463
Ion Ratio	Lower	Upper	
166	100		
165	99.4	78.5	117.7
167	13.6	11.0	16.4



Abundance Ion 166.00 (165.70 to 166.70): E
 Ion 165.00 (164.70 to 165.70): E
 Ion 167.00 (166.70 to 167.70): E





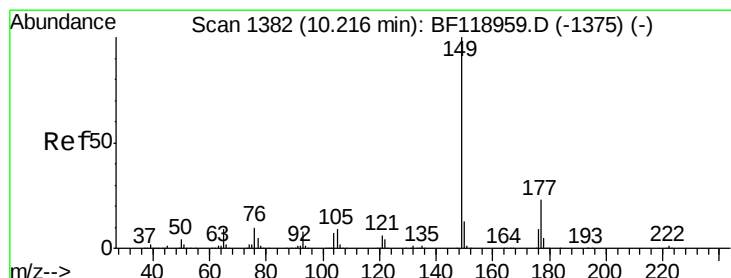
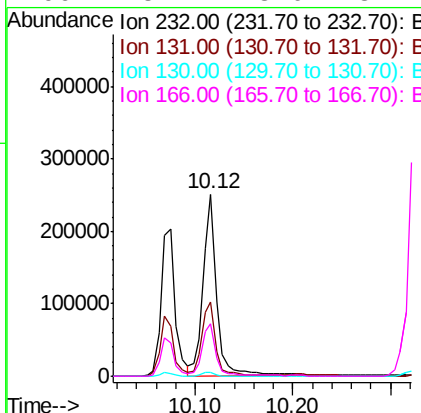
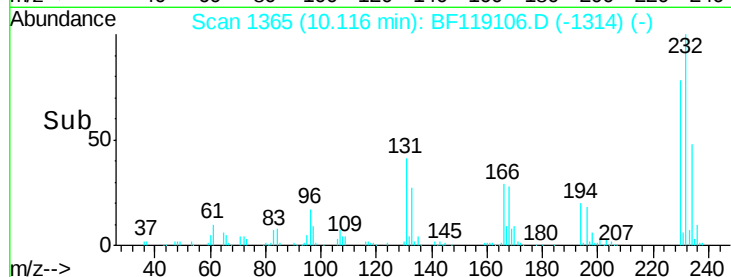
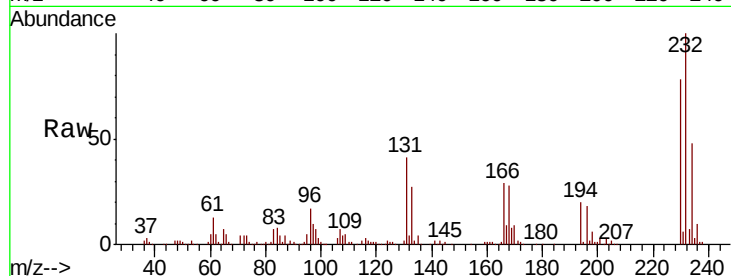
#59
2,3,4,6-Tetrachlorophenol
Concen: 38.721 ng
RT: 10.12 min Scan# 1365
Delta R.T. -0.00 min
Lab File: BF119106.D
Acq: 27 Feb 2020 13:10

Instrument :
BNA_F
ClientSampleId :
PB127120BS

Tot Ion	Ion	Ratio	Resp	Lower	Upper
232	100		242822		
131	40.9	33.8	50.8		
130	2.1	1.8	2.6		
166	28.4	23.0	34.4		

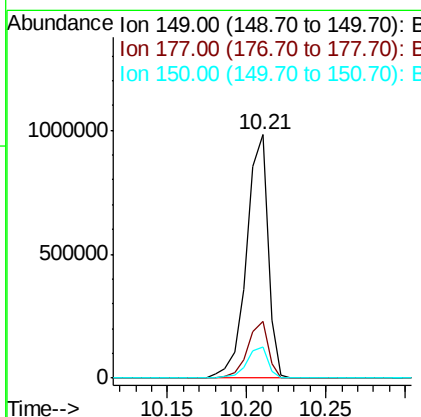
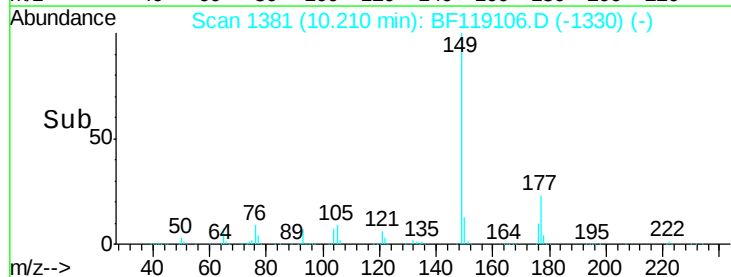
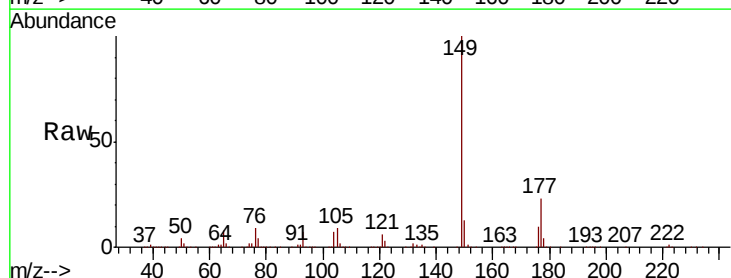
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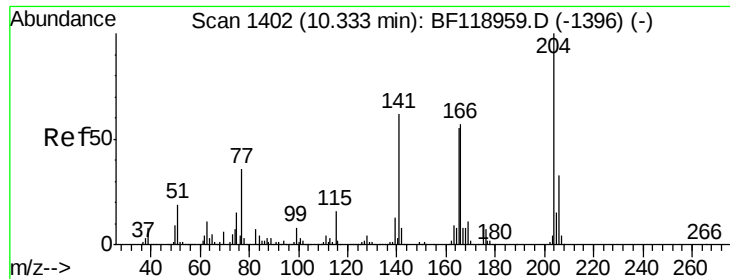
mohammad
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#60
Diethylphthalate
Concen: 38.392 ng
RT: 10.21 min Scan# 1381
Delta R.T. -0.00 min
Lab File: BF119106.D
Acq: 27 Feb 2020 13:10

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
149	100		920276		
177	23.2	18.2	27.2		
150	12.6	10.5	15.7		





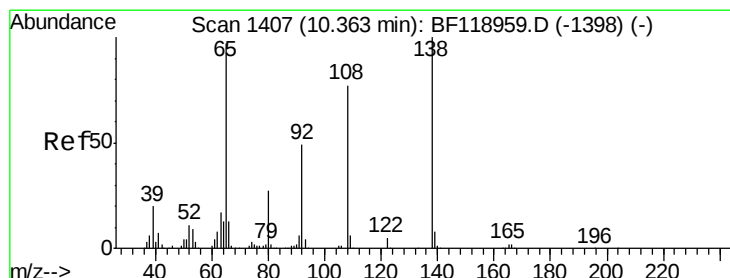
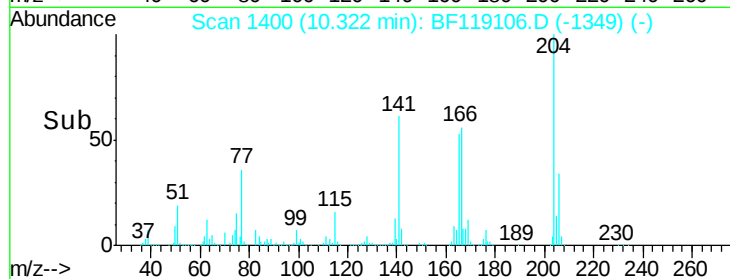
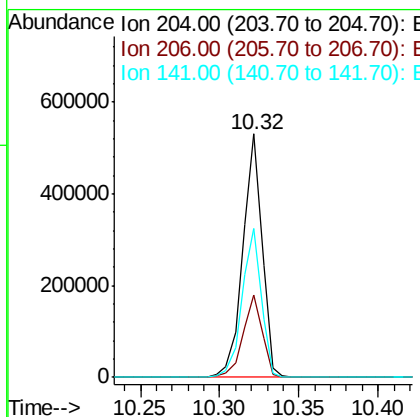
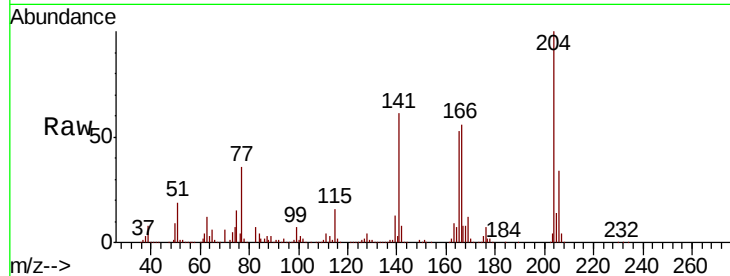
#61
4-Chlorophenyl-phenylether
Concen: 38.463 ng
RT: 10.32 min Scan# 1400
Delta R.T. -0.00 min
Lab File: BF119106.D
Acq: 27 Feb 2020 13:10

Instrument :
BNA_F
ClientSampleId :
PB127120BS

Tot Ion	Ratio	Lower	Upper
204	100		
206	33.9	27.1	40.7
141	61.4	52.9	79.3

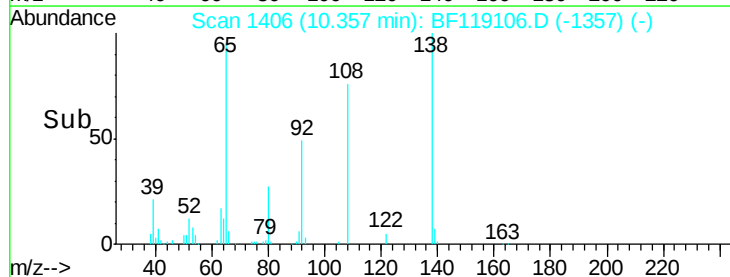
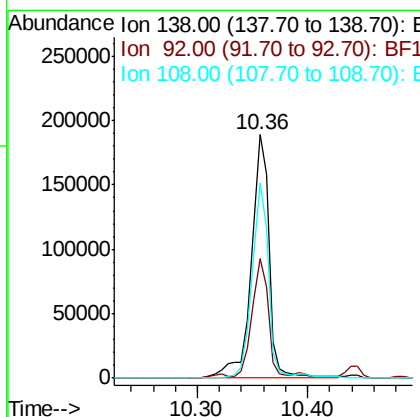
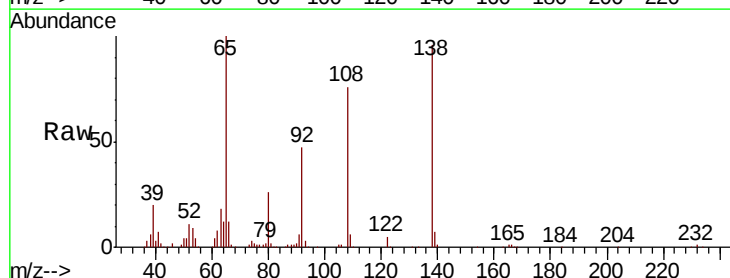
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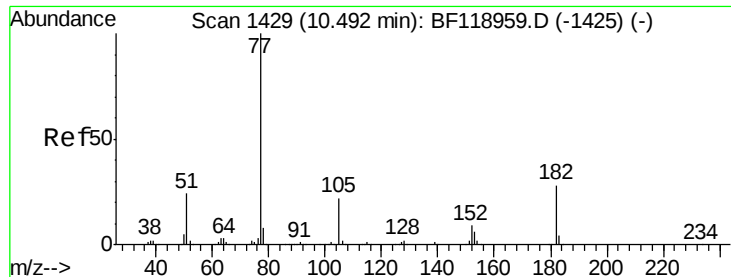
mohammad
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#62
4-Nitroaniline
Concen: 33.670 ng
RT: 10.36 min Scan# 1406
Delta R.T. -0.01 min
Lab File: BF119106.D
Acq: 27 Feb 2020 13:10

Tgt Ion	Ratio	Lower	Upper
138	100		
92	49.1	27.3	67.3
108	79.9	57.0	97.0





#63

Azobenzene

Concen: 39.136 ng

RT: 10.48 min Scan# 1427

Delta R.T. -0.01 min

Lab File: BF119106.D

Acq: 27 Feb 2020 13:10

Instrument :

BNA_F

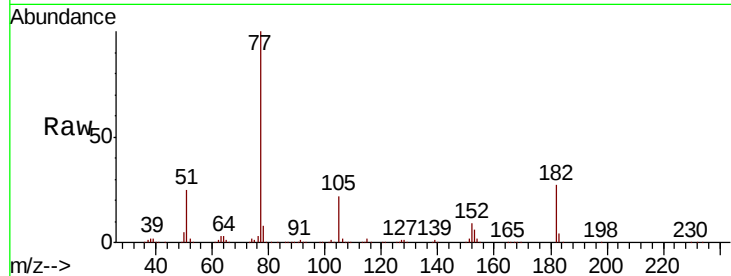
ClientSampleId :

PB127120BS

Tot Ion	Ion	Ratio	Lower	Upper
77	100			
182	27.3	11.4	51.4	
105	21.9	3.4	43.4	
51	24.6	5.1	45.1	

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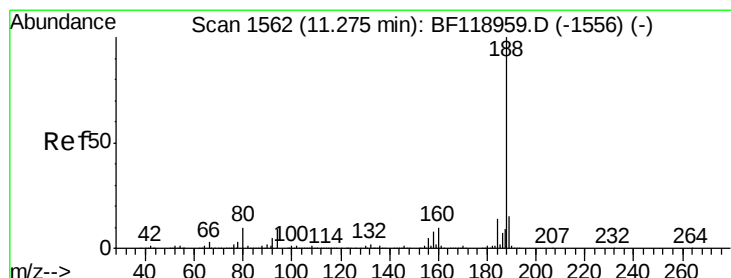
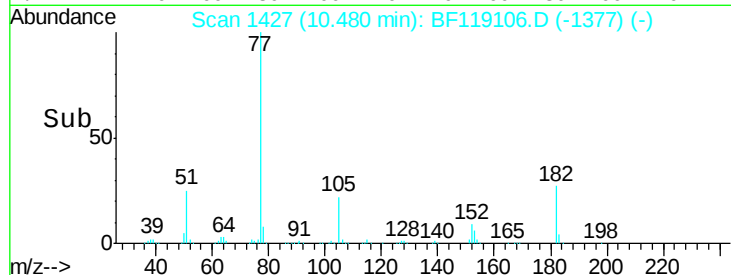
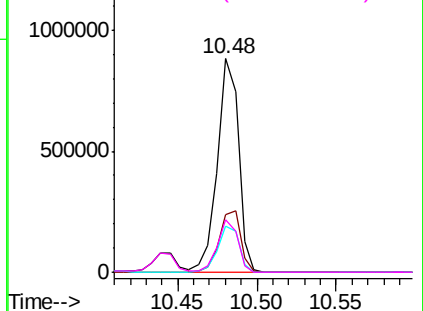


Abundance Ion 77.00 (76.70 to 77.70): BF1

Ion 182.00 (181.70 to 182.70): BF1

Ion 105.00 (104.70 to 105.70): BF1

Ion 51.00 (50.70 to 51.70): BF1



#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.27 min Scan# 1561

Delta R.T. 0.01 min

Lab File: BF119106.D

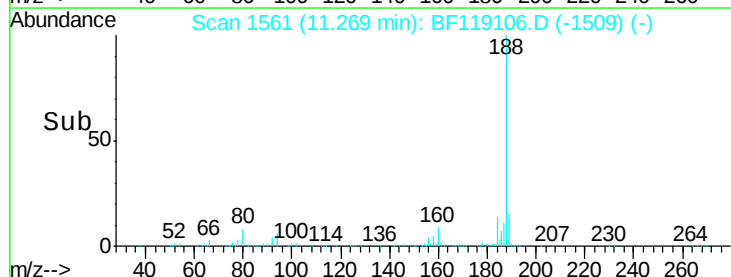
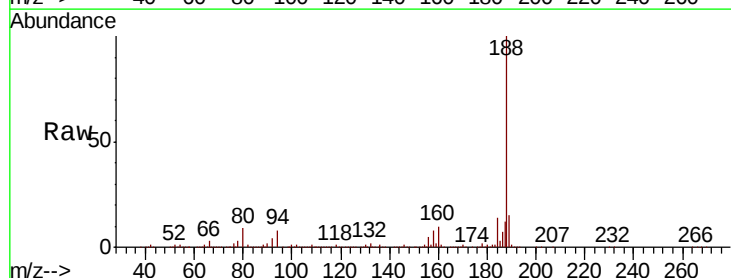
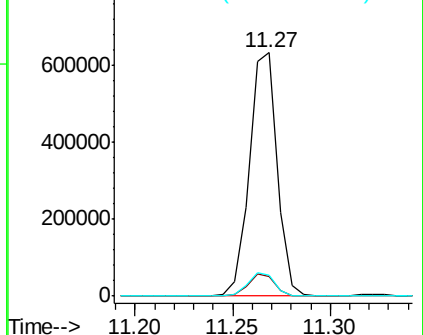
Acq: 27 Feb 2020 13:10

Tgt Ion	Ion	Ratio	Lower	Upper
188	100			
94	7.9	7.1	10.7	
80	8.6	7.8	11.8	

Abundance Ion 188.00 (187.70 to 188.70): BF1

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: 41.224 ng

RT: 10.40 min Scan# 1413

Delta R.T. -0.00 min

Lab File: BF119106.D

Acq: 27 Feb 2020 13:10

Instrument :

BNA_F

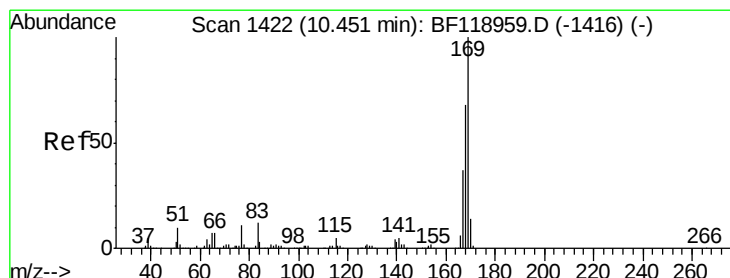
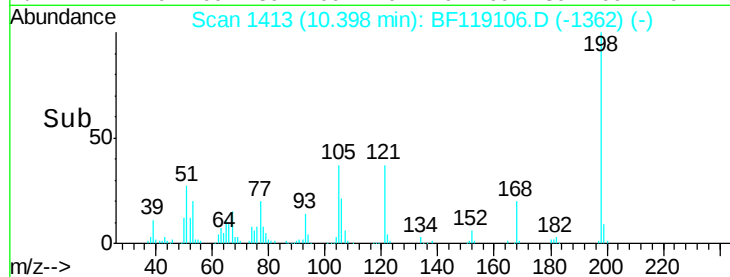
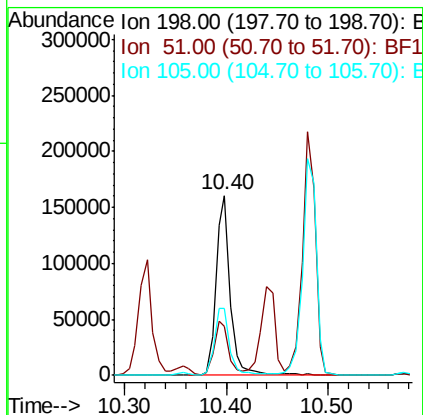
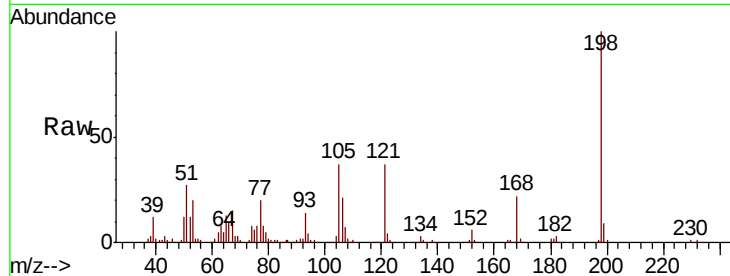
ClientSampleId :

PB127120BS

Tot Ion:	198	Resp:	156404
Ion Ratio	Lower	Upper	
198	100		
51	27.2	14.2	54.2
105	37.1	22.7	62.7

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#66

n-Nitrosodiphenylamine

Concen: 38.028 ng

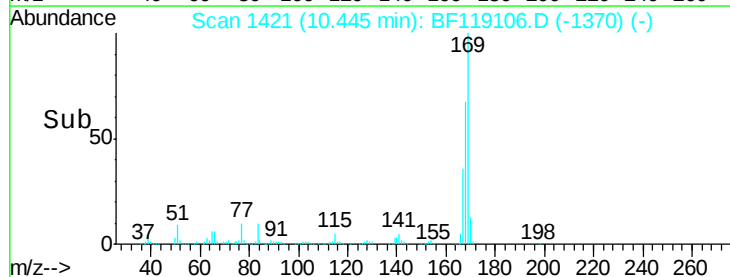
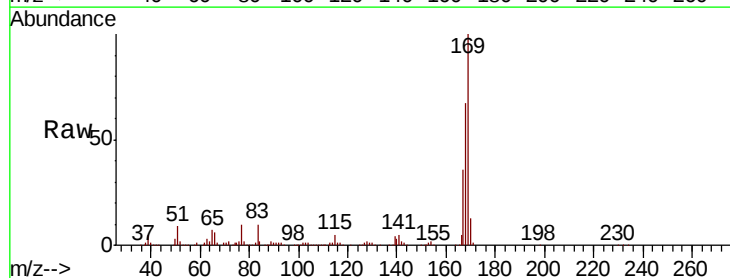
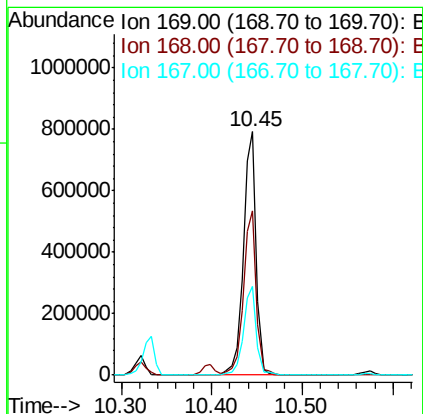
RT: 10.45 min Scan# 1421

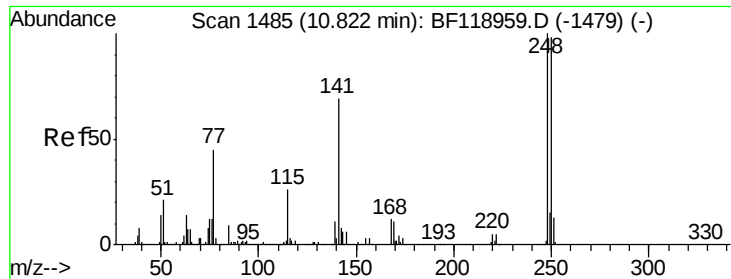
Delta R.T. -0.00 min

Lab File: BF119106.D

Acq: 27 Feb 2020 13:10

Tgt Ion:	169	Resp:	780714
Ion Ratio	Lower	Upper	
169	100		
168	67.4	54.1	81.1
167	36.5	29.4	44.0





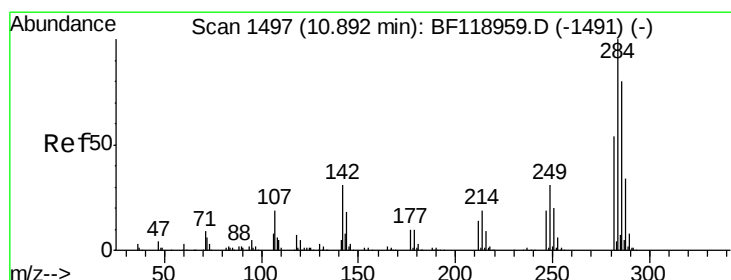
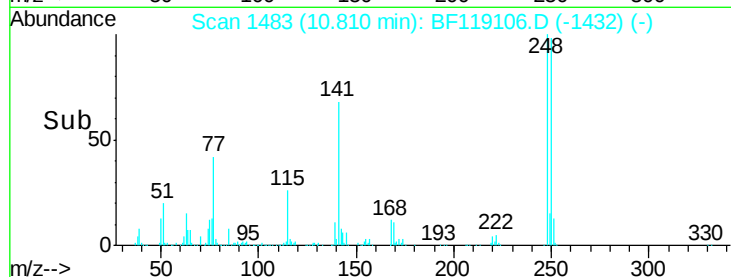
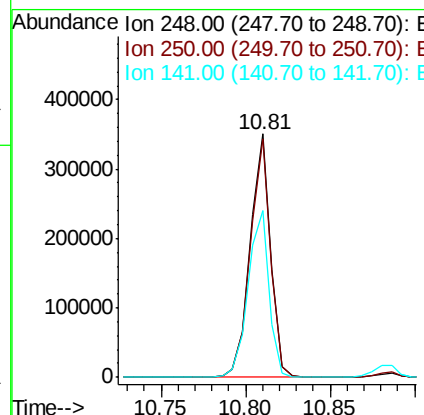
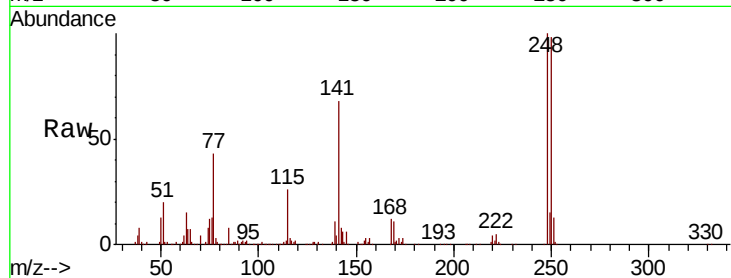
#67
4-Bromophenyl-phenylether
Concen: 36.357 ng
RT: 10.81 min Scan# 1483
Delta R.T. -0.00 min
Lab File: BF119106.D
Acq: 27 Feb 2020 13:10

Instrument :
BNA_F
ClientSampleId :
PB127120BS

Tot Ion	Ratio	Lower	Upper
248	100		
250	98.2	76.7	115.1
141	68.4	60.7	91.1

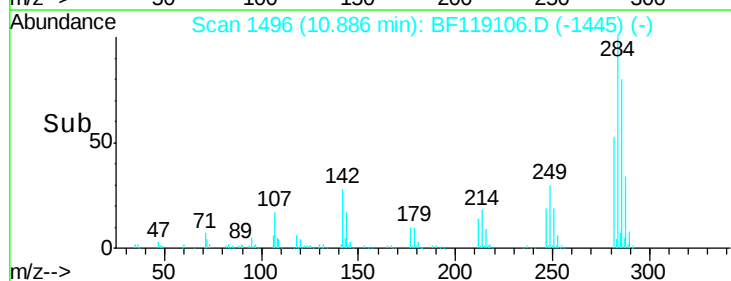
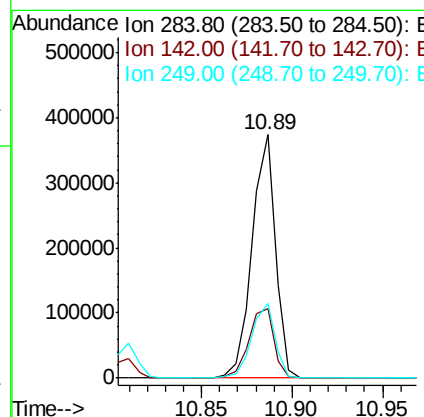
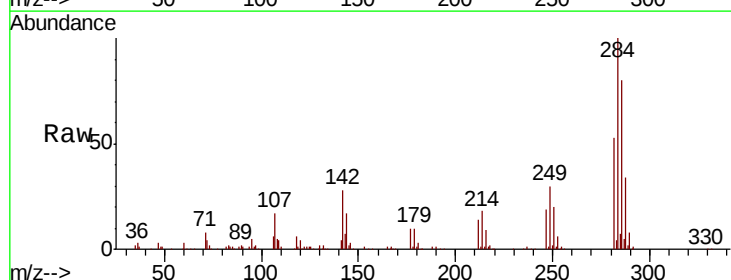
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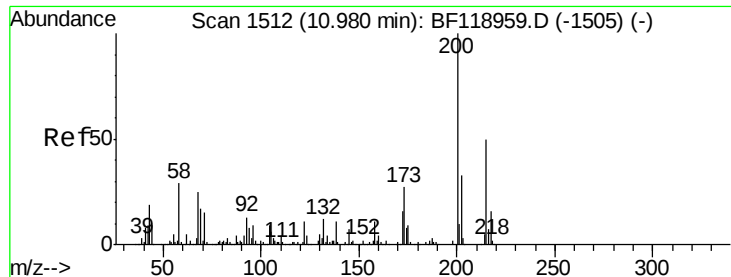
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#68
Hexachlorobenzene
Concen: 35.487 ng
RT: 10.89 min Scan# 1496
Delta R.T. -0.00 min
Lab File: BF119106.D
Acq: 27 Feb 2020 13:10

Tgt Ion	Ratio	Lower	Upper
284	100		
142	28.3	23.7	35.5
249	30.4	25.0	37.6





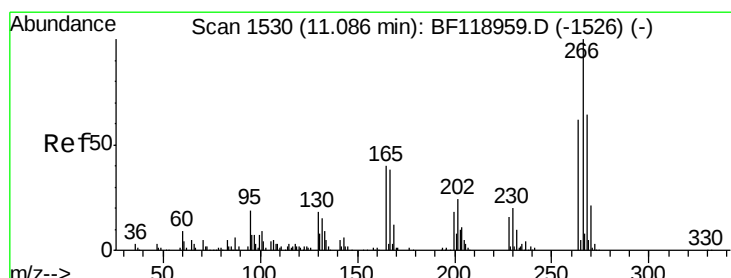
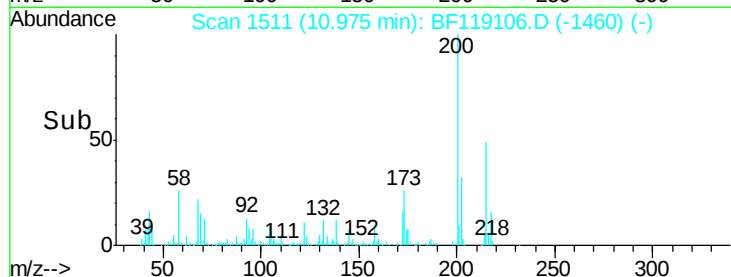
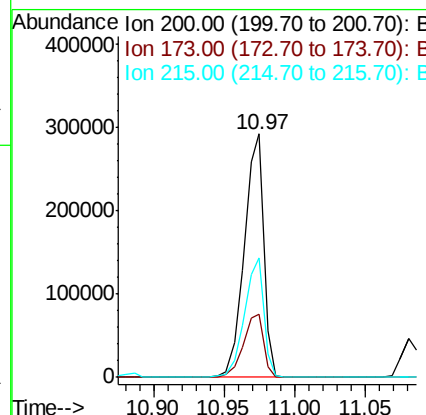
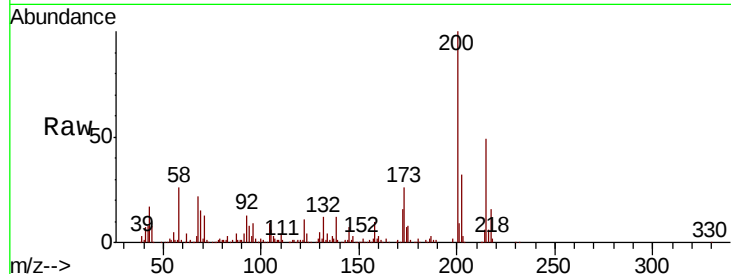
#69
Atrazine
Concen: 38.989 ng
RT: 10.97 min Scan# 1511
Delta R.T. -0.00 min
Lab File: BF119106.D
Acq: 27 Feb 2020 13:10

Instrument :
BNA_F
ClientSampleId :
PB127120BS

Tot Ion	Ratio	Resp	Lower	Upper
200	100	279668		
173	26.0		6.4	46.4
215	48.8		27.4	67.4

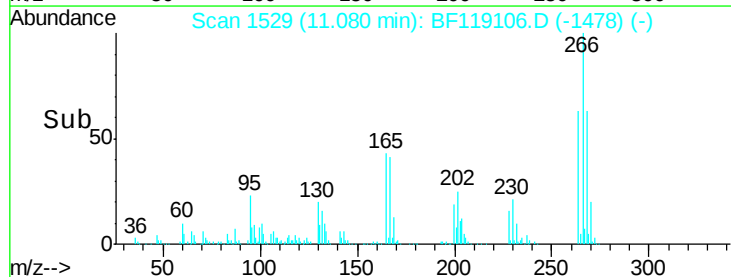
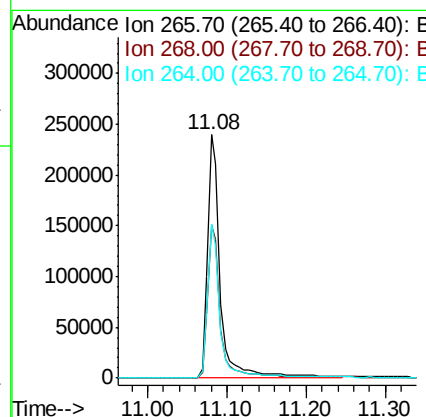
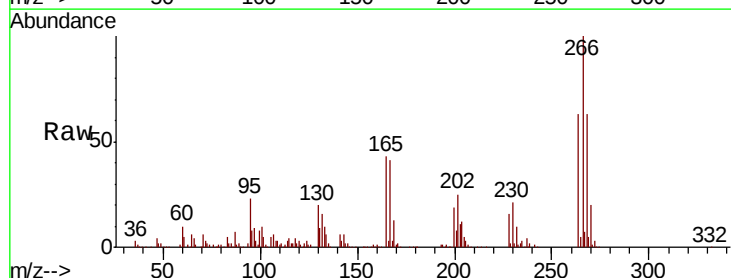
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#70
Pentachlorophenol
Concen: 72.370 ng
RT: 11.08 min Scan# 1529
Delta R.T. -0.00 min
Lab File: BF119106.D
Acq: 27 Feb 2020 13:10

Tgt Ion	Ratio	Resp	Lower	Upper
266	100	275462		
268	62.9		51.9	77.9
264	63.5		51.0	76.4





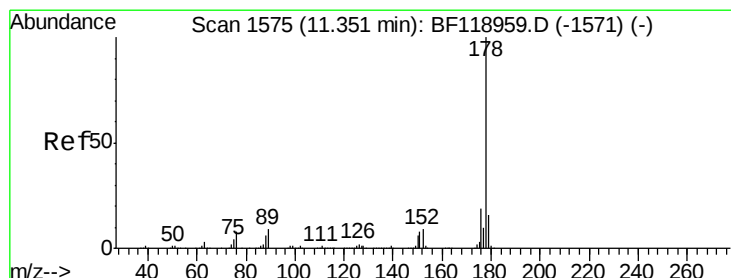
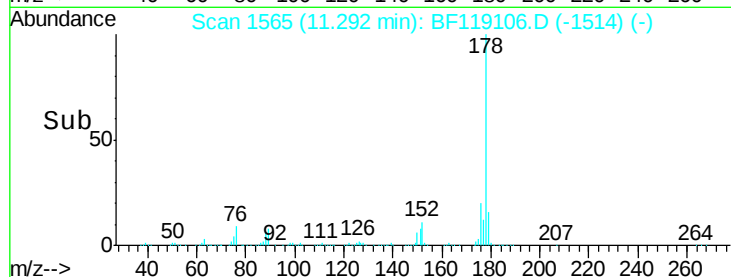
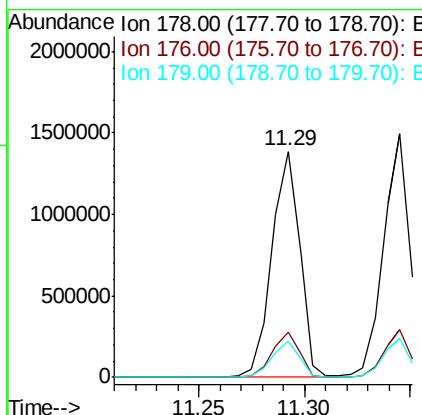
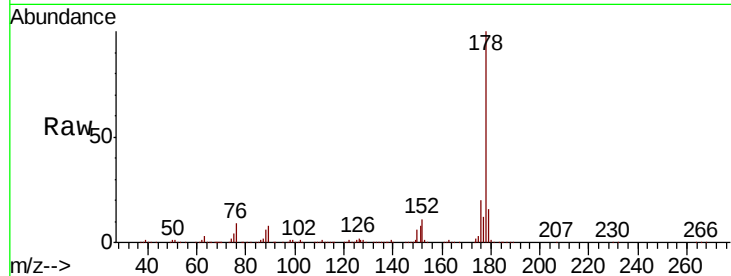
#71
Phenanthrene
Concen: 37.521 ng
RT: 11.29 min Scan# 1565
Delta R.T. -0.00 min
Lab File: BF119106.D
Acq: 27 Feb 2020 13:10

Instrument :
BNA_F
ClientSampleId :
PB127120BS

Tot Ion:178 Resp: 1282938
Ion Ratio Lower Upper
178 100
176 20.1 16.5 24.7
179 16.1 13.0 19.6

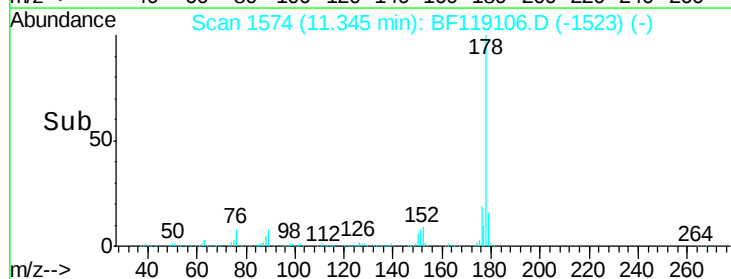
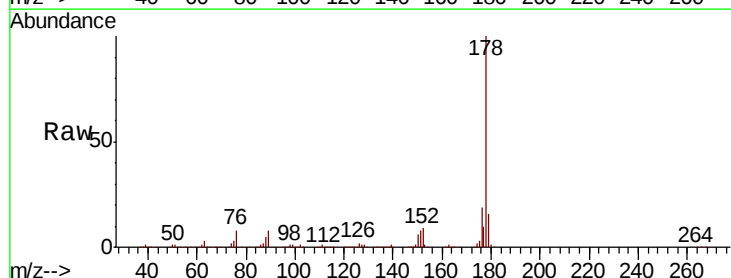
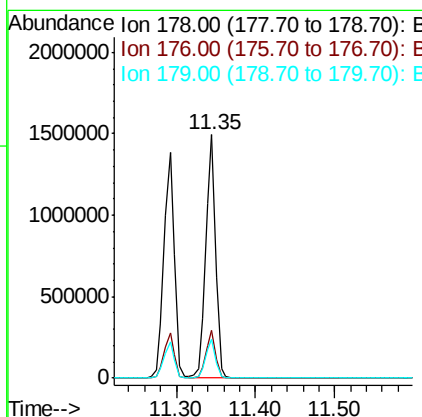
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#72
Anthracene
Concen: 38.571 ng
RT: 11.35 min Scan# 1574
Delta R.T. -0.00 min
Lab File: BF119106.D
Acq: 27 Feb 2020 13:10

Tgt Ion:178 Resp: 1317744
Ion Ratio Lower Upper
178 100
176 19.4 16.0 24.0
179 16.0 13.1 19.7





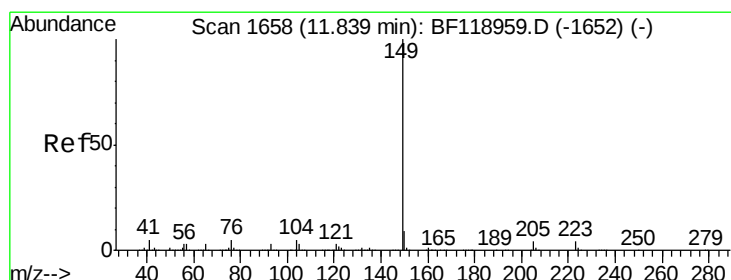
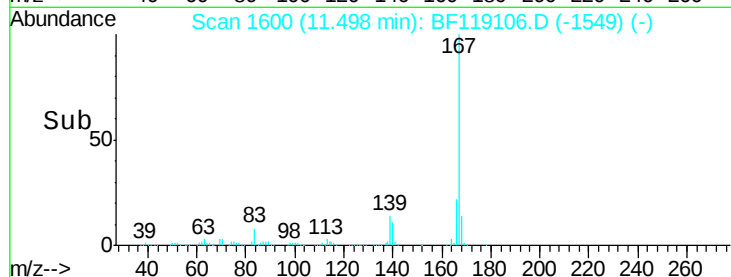
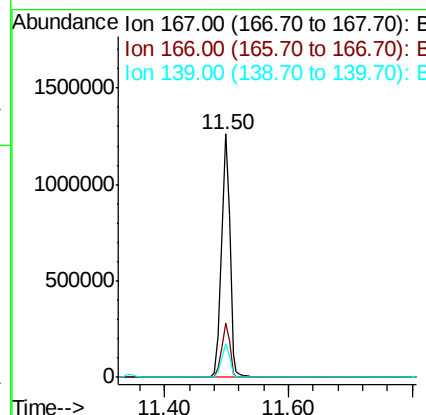
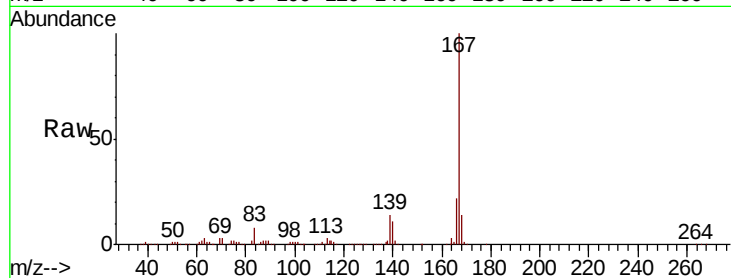
#73
 Carbazole
 Concen: 38.009 ng
 RT: 11.50 min Scan# 1600
 Delta R.T. -0.00 min
 Lab File: BF119106.D
 Acq: 27 Feb 2020 13:10

Instrument :
 BNA_F
 ClientSampleId :
 PB127120BS

Tot Ion	Ratio	Lower	Upper
167	100		
166	22.3	18.2	27.4
139	13.9	11.7	17.5

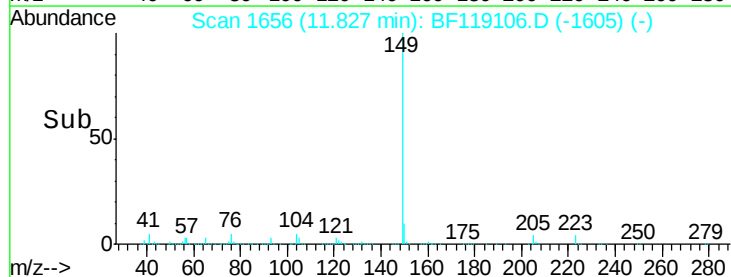
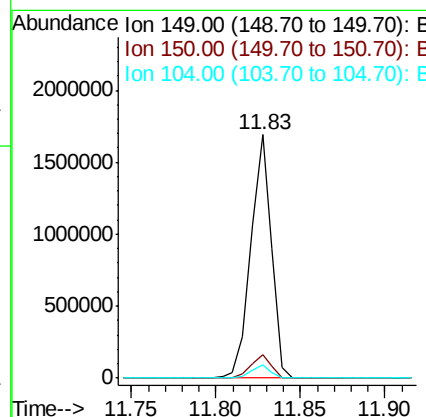
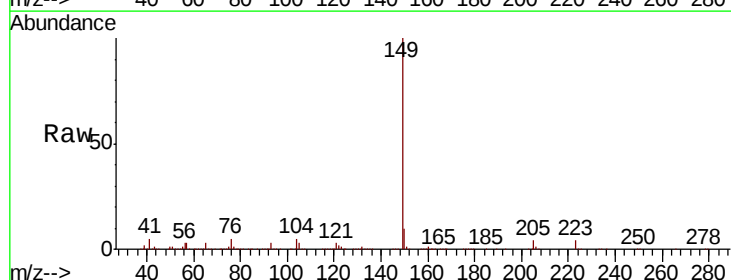
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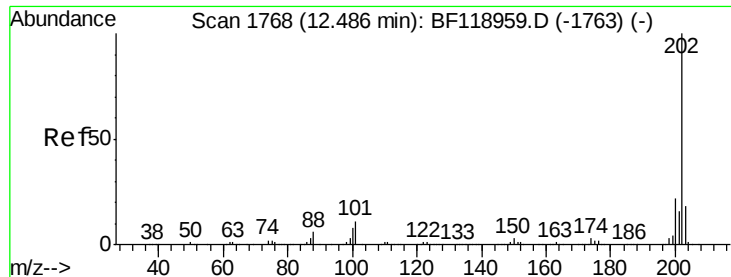
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#74
 Di-n-butylphthalate
 Concen: 39.067 ng
 RT: 11.83 min Scan# 1656
 Delta R.T. -0.00 min
 Lab File: BF119106.D
 Acq: 27 Feb 2020 13:10

Tgt Ion	Ratio	Lower	Upper
149	100		
150	9.7	7.9	11.9
104	5.2	4.6	6.8





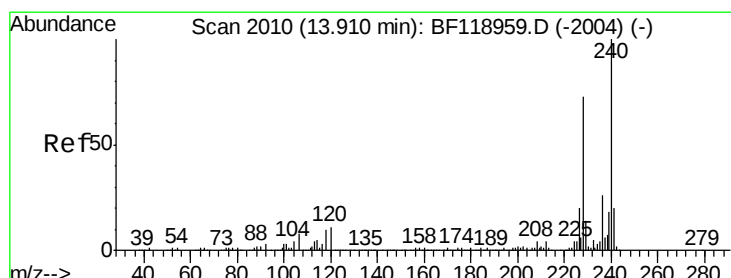
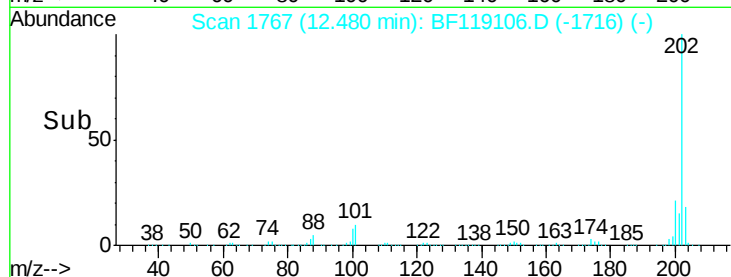
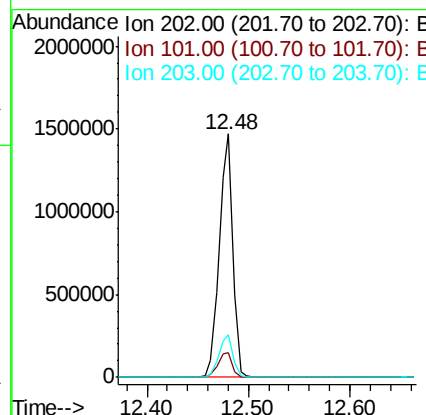
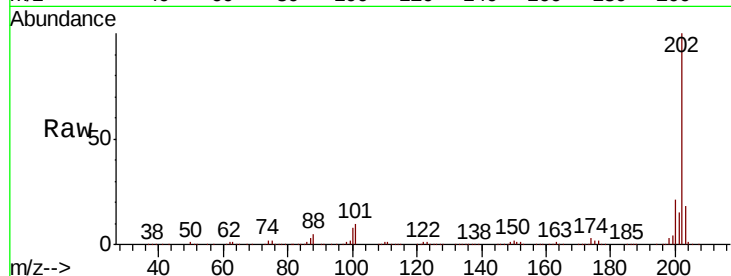
#75
Fluoranthene
Concen: 37.463 ng
RT: 12.48 min Scan# 1767
Delta R.T. -0.00 min
Lab File: BF119106.D
Acq: 27 Feb 2020 13:10

Instrument :
BNA_F
ClientSampleId :
PB127120BS

Tot Ion	Ratio	Lower	Upper
202	100		
101	10.3	0.0	30.3
203	17.8	0.0	38.4

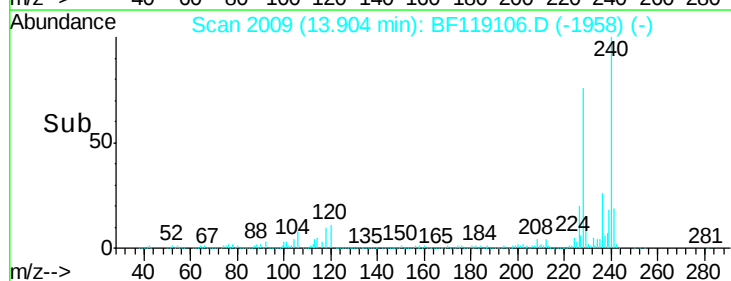
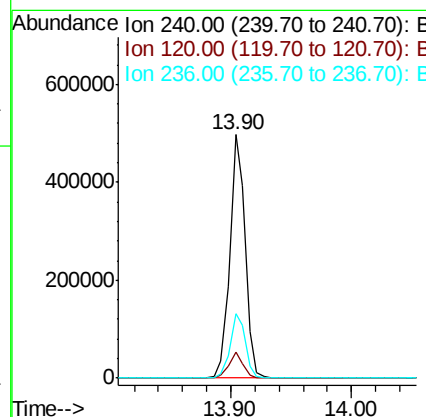
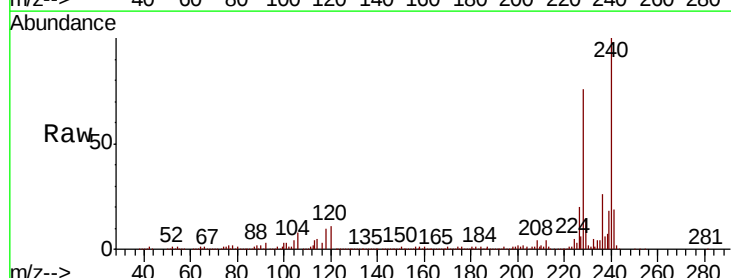
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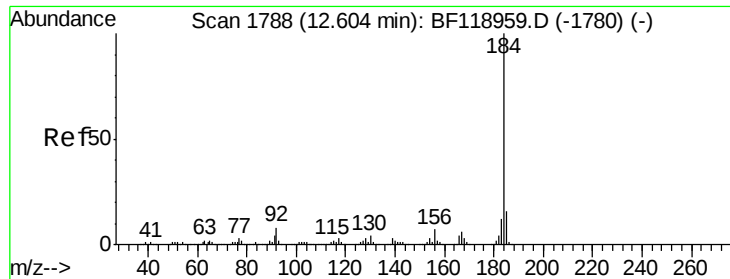
mohammad
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#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.90 min Scan# 2009
Delta R.T. -0.00 min
Lab File: BF119106.D
Acq: 27 Feb 2020 13:10

Tgt Ion	Ratio	Lower	Upper
240	100		
120	10.8	8.4	12.6
236	26.2	21.0	31.4





#77

Benzidine

Concen: 15.899 ng

RT: 12.60 min Scan# 1787

Delta R.T. -0.00 min

Lab File: BF119106.D

Acq: 27 Feb 2020 13:10

Instrument :

BNA_F

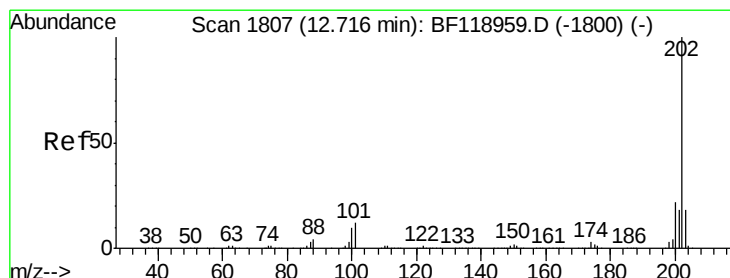
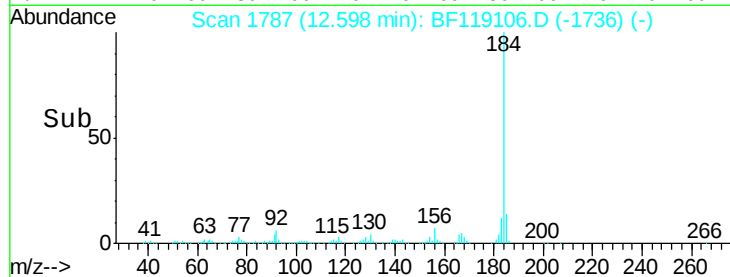
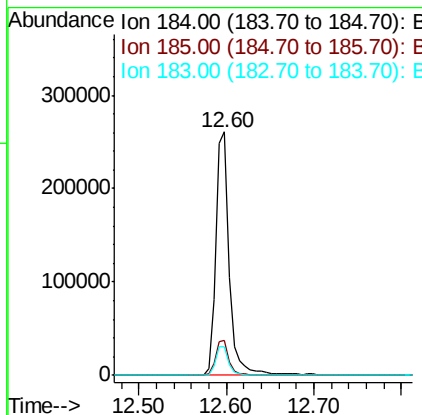
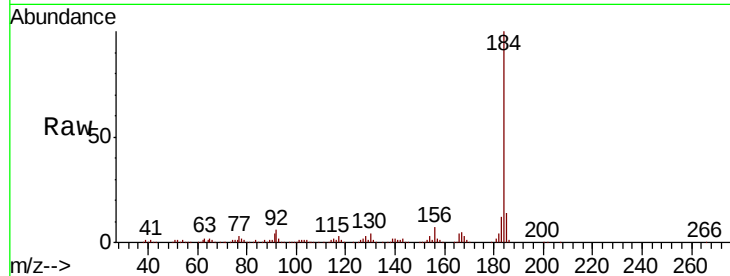
ClientSampleId :

PB127120BS

Tot Ion:	184	Resp:	281094
Ion Ratio	Lower	Upper	
184	100		
185	14.1	12.2	18.4
183	11.7	9.9	14.9

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#78

Pyrene

Concen: 39.015 ng

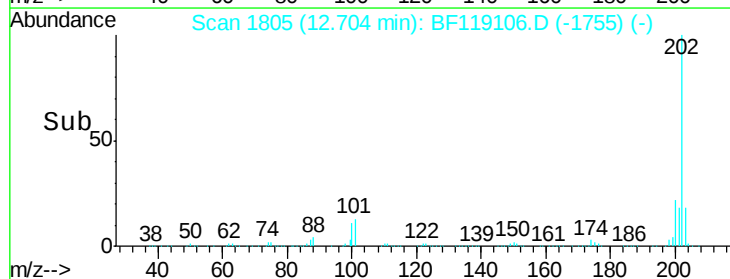
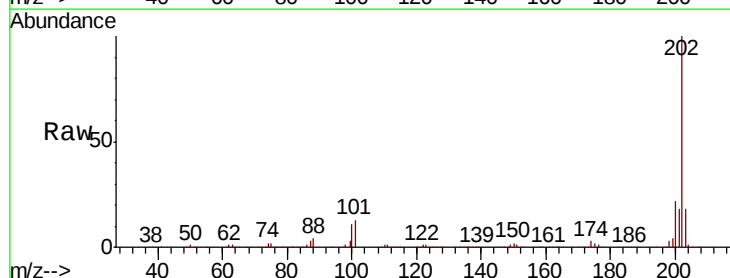
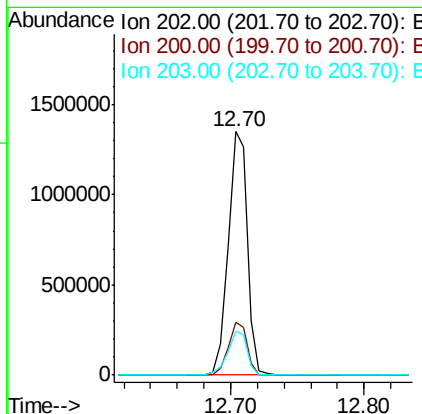
RT: 12.70 min Scan# 1805

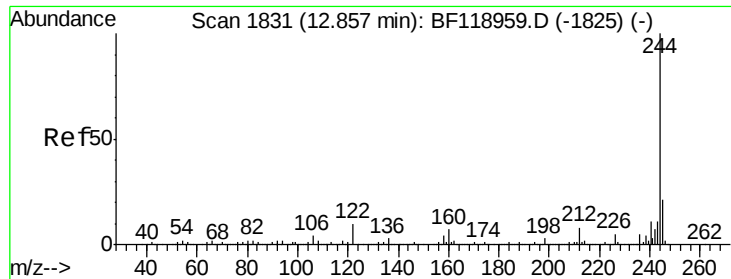
Delta R.T. -0.01 min

Lab File: BF119106.D

Acq: 27 Feb 2020 13:10

Tgt Ion:	202	Resp:	1361980
Ion Ratio	Lower	Upper	
202	100		
200	21.8	18.0	27.0
203	18.2	14.6	22.0





#79

Terphenyl-d14

Concen: 70.340 ng

RT: 12.85 min Scan# 1829

Delta R.T. -0.01 min

Lab File: BF119106.D

Acq: 27 Feb 2020 13:10

Instrument :

BNA_F

ClientSampleId :

PB127120BS

Tot Ion:244 Resp: 1776160

Ion Ratio Lower Upper

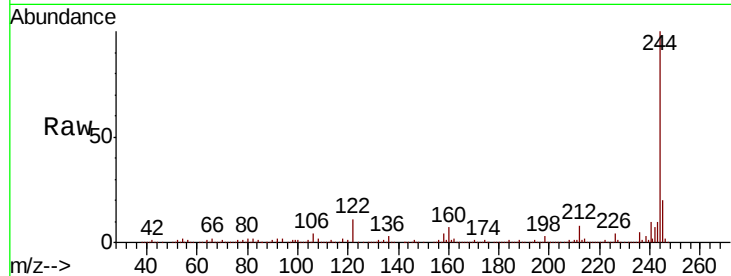
244 100

212 7.6 6.6 10.0

122 10.8 8.2 12.2

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Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

12.85

2000000

1500000

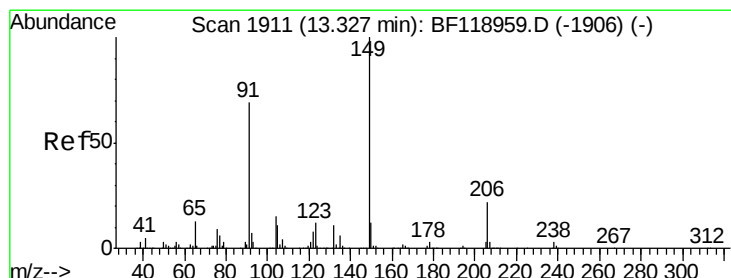
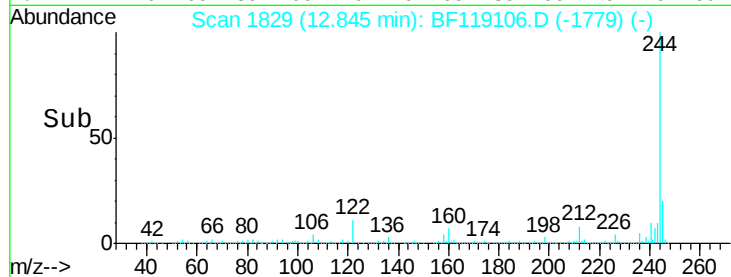
1000000

500000

0

Time-->

12.80 12.90



#80

Butylbenzylphthalate

Concen: 39.367 ng

RT: 13.32 min Scan# 1910

Delta R.T. -0.00 min

Lab File: BF119106.D

Acq: 27 Feb 2020 13:10

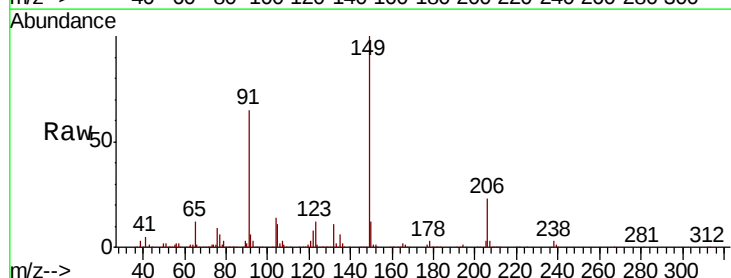
Tgt Ion:149 Resp: 578389

Ion Ratio Lower Upper

149 100

91 64.6 52.3 78.5

206 23.1 18.5 27.7



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BF1

Ion 206.00 (205.70 to 206.70): E

13.32

800000

600000

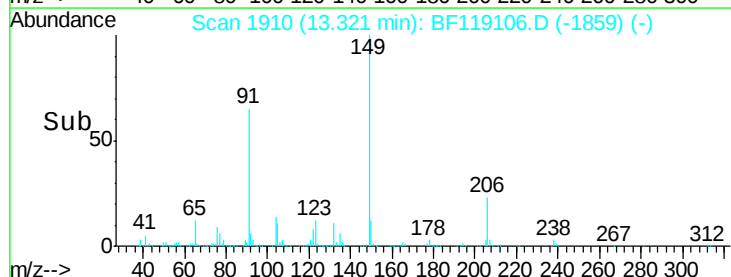
400000

200000

0

Time-->

13.25 13.30 13.35





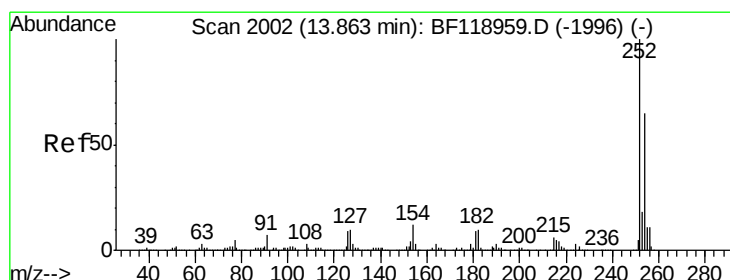
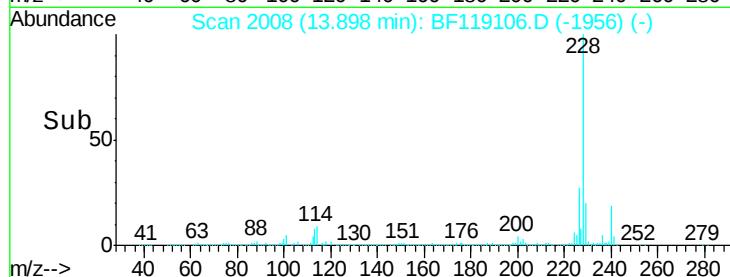
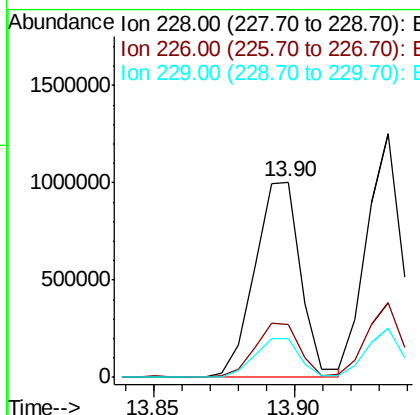
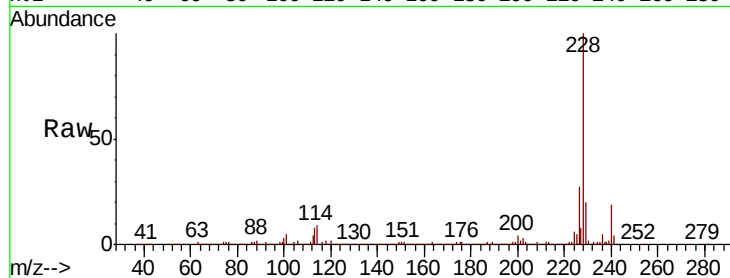
#81
Benzo(a)anthracene
Concen: 38.222 ng
RT: 13.90 min Scan# 2008
Delta R.T. 0.01 min
Lab File: BF119106.D
Acq: 27 Feb 2020 13:10

Instrument :
BNA_F
ClientSampleId :
PB127120BS

Tot Ion:228 Resp: 1132196
Ion Ratio Lower Upper
228 100
226 27.4 22.6 33.8
229 19.6 16.6 24.8

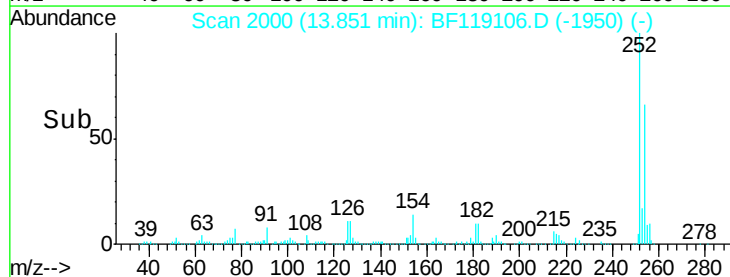
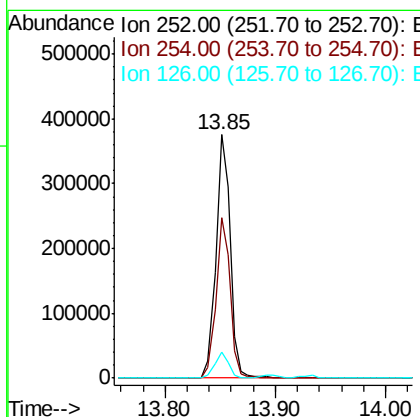
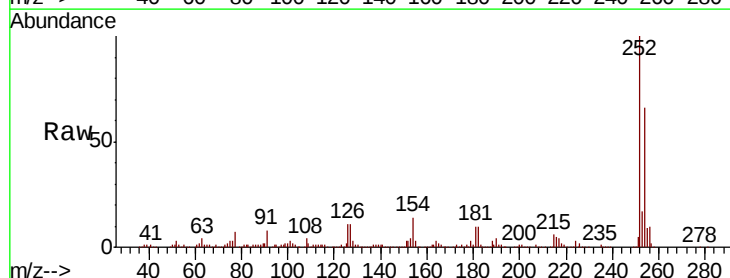
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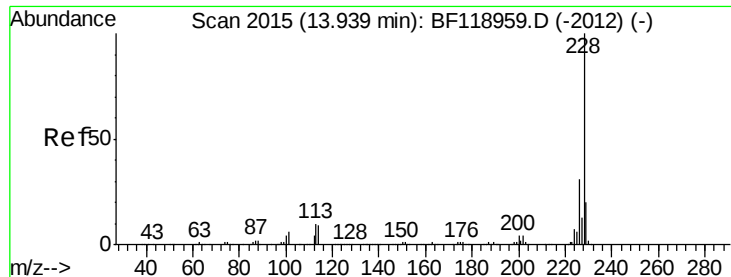
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#82
3,3'-Dichlorobenzidine
Concen: 29.247 ng
RT: 13.85 min Scan# 2000
Delta R.T. -0.01 min
Lab File: BF119106.D
Acq: 27 Feb 2020 13:10

Tgt Ion:252 Resp: 336409
Ion Ratio Lower Upper
252 100
254 65.7 51.6 77.4
126 10.7 7.4 11.0





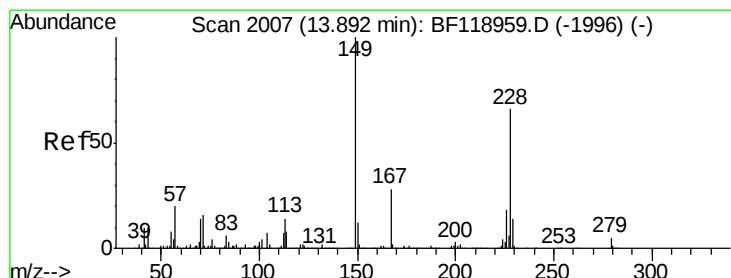
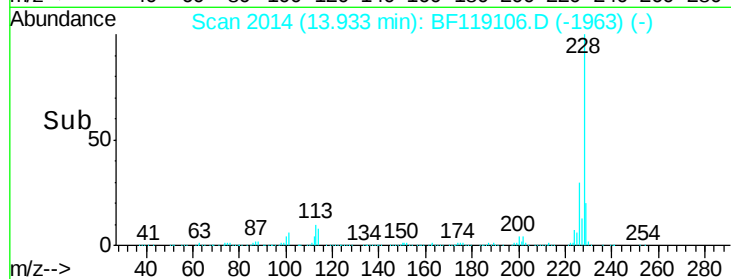
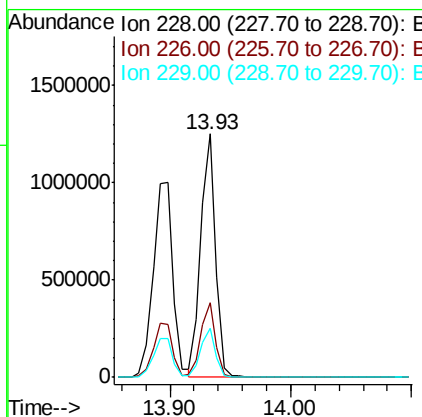
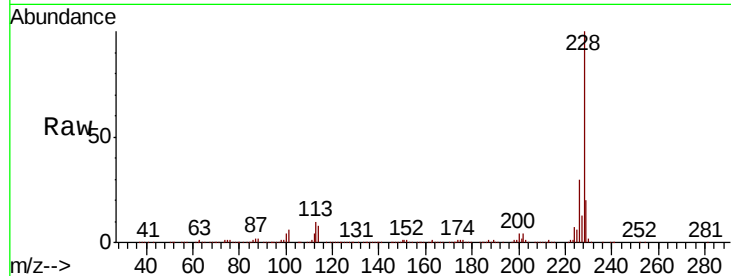
#83
 Chrvsene
 Concen: 36.387 ng
 RT: 13.93 min Scan# 2014
 Delta R.T. -0.00 min
 Lab File: BF119106.D
 Acq: 27 Feb 2020 13:10

Instrument :
 BNA_F
 ClientSampleId :
 PB127120BS

Tot Ion:228 Resp: 1073981
 Ion Ratio Lower Upper
 228 100
 226 30.5 25.1 37.7
 229 20.2 16.3 24.5

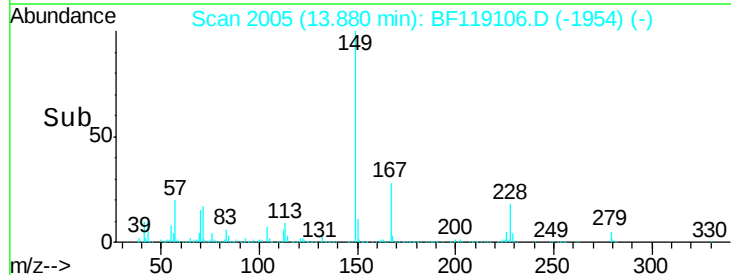
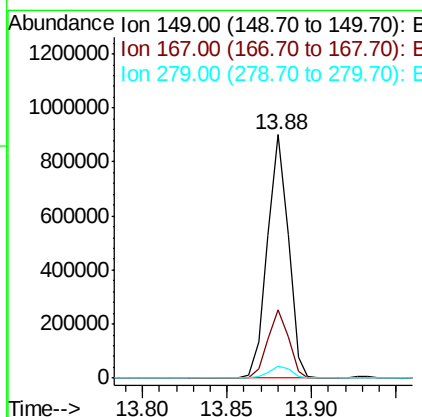
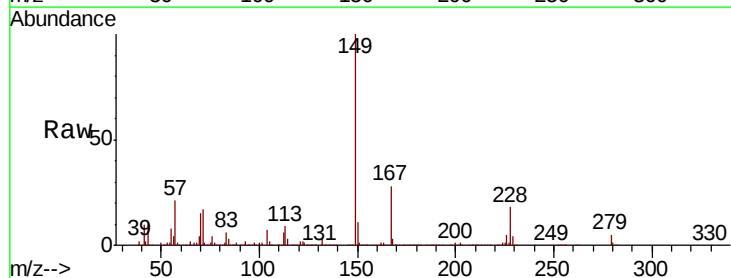
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#84
 Bis(2-ethylhexyl)phthalate
 Concen: 41.721 ng
 RT: 13.88 min Scan# 2005
 Delta R.T. -0.00 min
 Lab File: BF119106.D
 Acq: 27 Feb 2020 13:10

Tgt Ion:149 Resp: 774406
 Ion Ratio Lower Upper
 149 100
 167 27.9 22.8 34.2
 279 4.9 4.6 6.8





#85

Di-n-octyl phthalate

Concen: 40.138 ng

RT: 14.49 min Scan# 2108

Delta R.T. -0.00 min

Lab File: BF119106.D

Acq: 27 Feb 2020 13:10

Instrument :

BNA_F

ClientSampleId :

PB127120BS

Tot Ion:149 Resp: 1187054

Ion Ratio Lower Upper

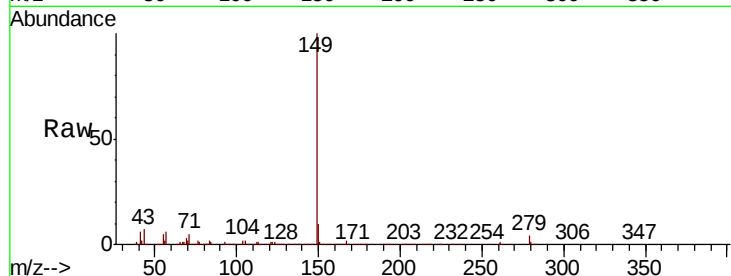
149 100

167 1.6 1.3 1.9

43 6.5 5.7 8.5

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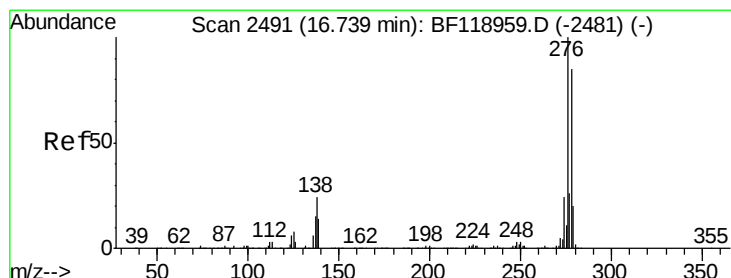
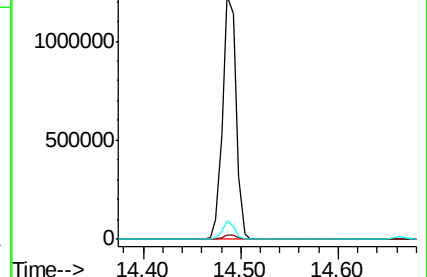
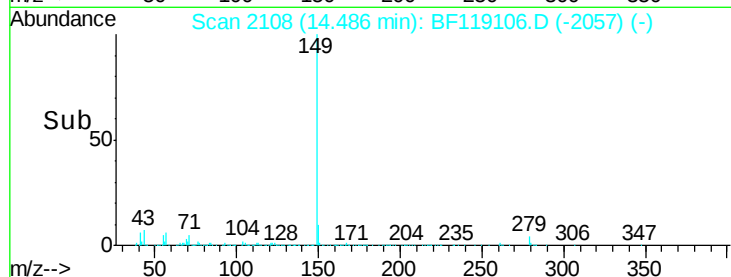
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Abundance Ion 149.00 (148.70 to 149.70): E

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: 30.851 ng

RT: 16.74 min Scan# 2491

Delta R.T. -0.00 min

Lab File: BF119106.D

Acq: 27 Feb 2020 13:10

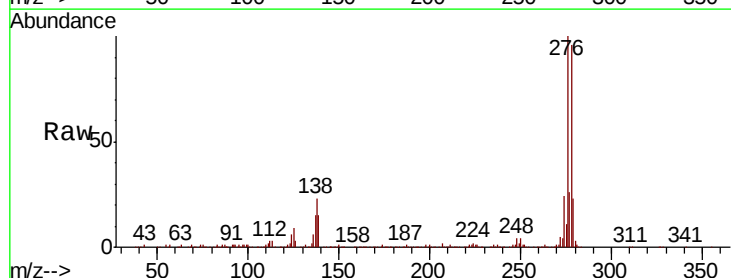
Tgt Ion:276 Resp: 881694

Ion Ratio Lower Upper

276 100

138 21.8 17.4 26.0

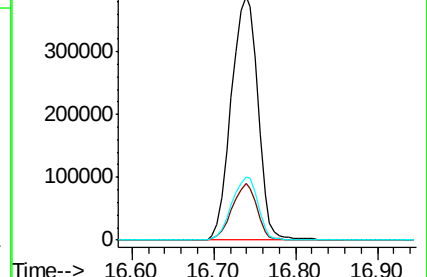
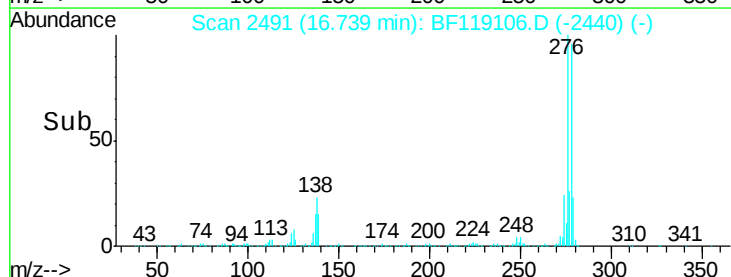
277 25.6 20.3 30.5

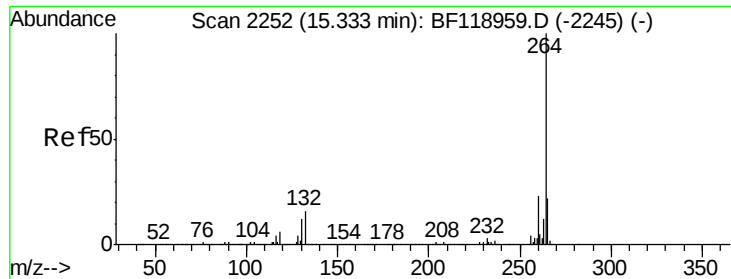


Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E





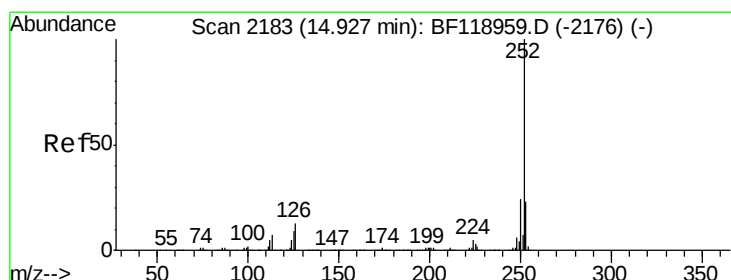
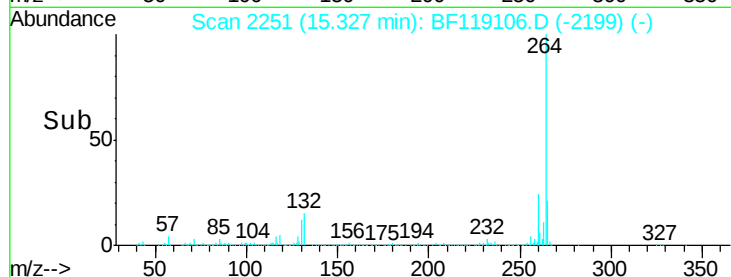
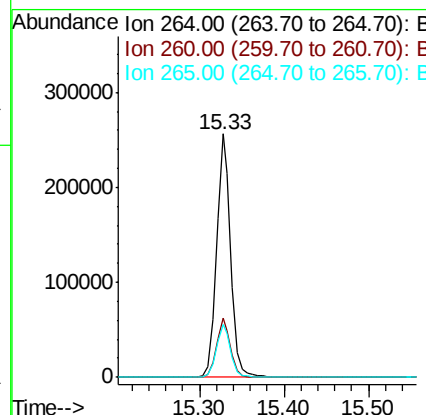
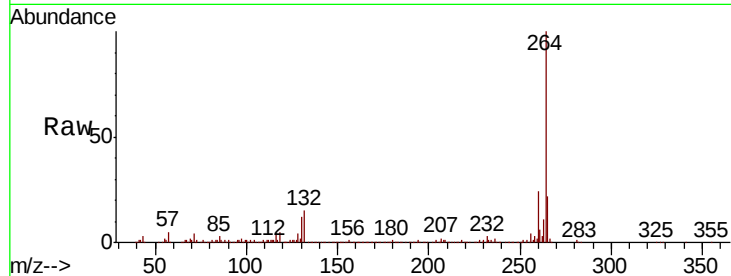
#87
Pervlene-d12
Concen: 20.000 ng
RT: 15.33 min Scan# 2251
Delta R.T. 0.01 min
Lab File: BF119106.D
Acq: 27 Feb 2020 13:10

Instrument :
BNA_F
ClientSampleId :
PB127120BS

Tot Ion	Ratio	Lower	Upper
264	100		
260	24.4	19.4	29.2
265	21.6	17.7	26.5

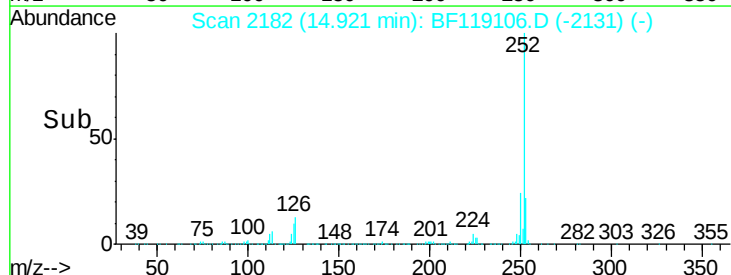
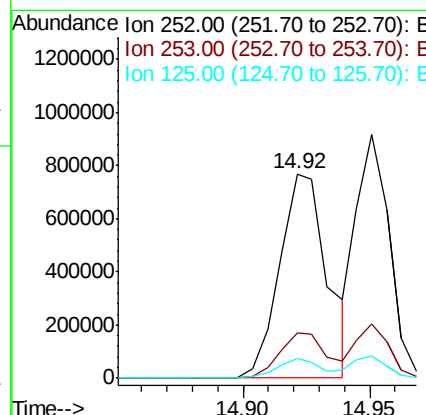
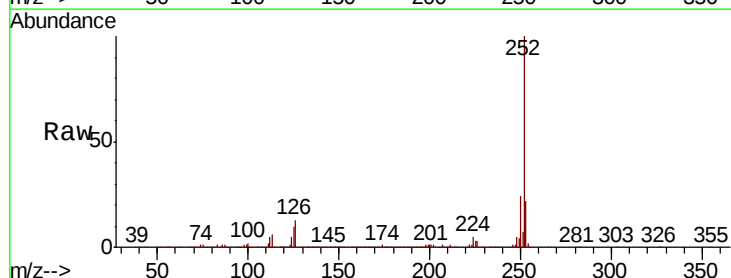
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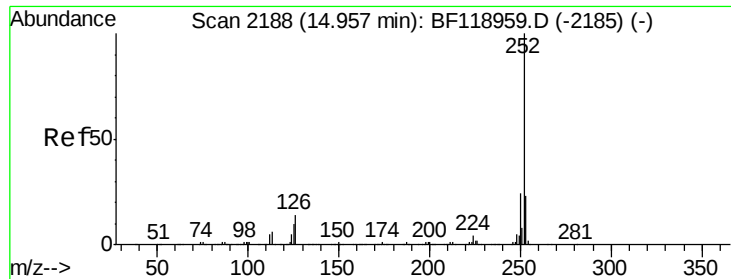
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#88
Benzo(b)fluoranthene
Concen: 50.518 ng
RT: 14.92 min Scan# 2182
Delta R.T. -0.00 min
Lab File: BF119106.D
Acq: 27 Feb 2020 13:10

Tgt Ion	Ratio	Lower	Upper
252	100		
253	21.9	18.1	27.1
125	9.6	7.4	11.0





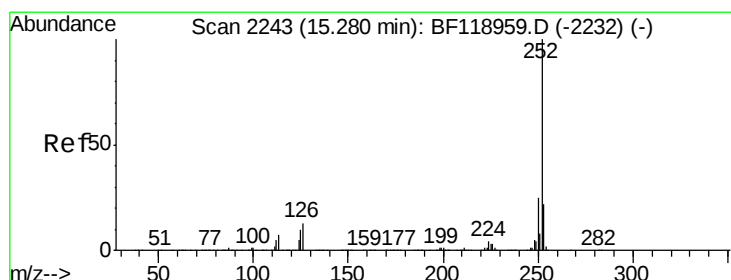
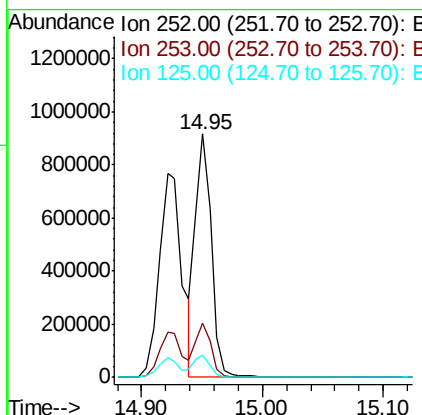
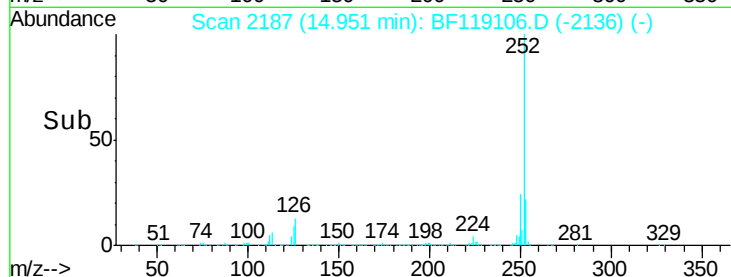
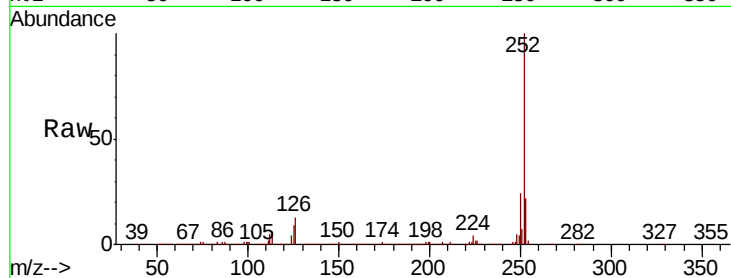
#89
Benzo(k)fluoranthene
Concen: 45.757 ng
RT: 14.95 min Scan# 2187
Delta R.T. -0.00 min
Lab File: BF119106.D
Acq: 27 Feb 2020 13:10

Instrument :
BNA_F
ClientSampleId :
PB127120BS

Tot Ion	Ratio	Lower	Upper
252	100		
253	22.4	17.8	26.8
125	9.3	7.5	11.3

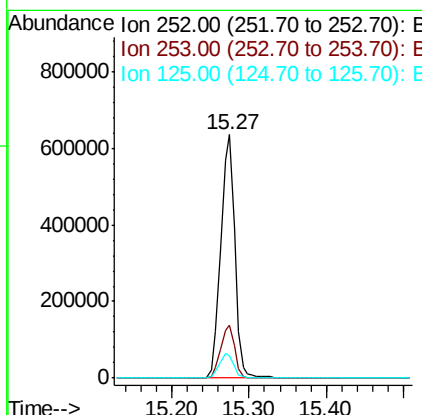
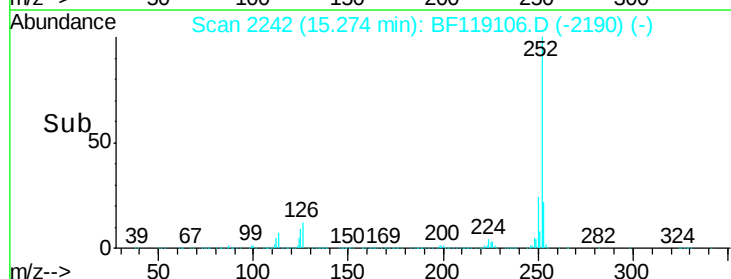
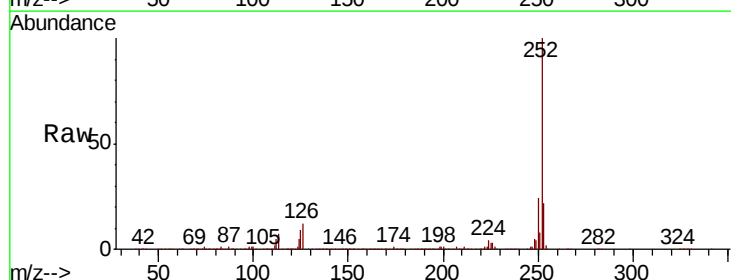
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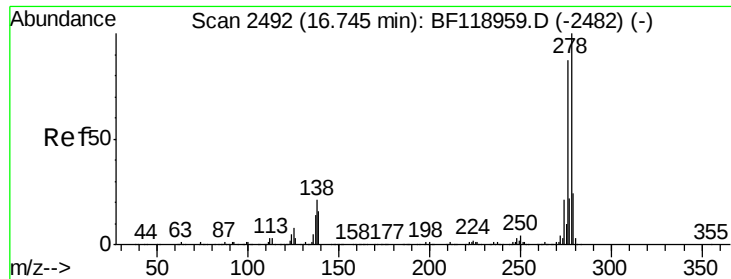
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#90
Benzo(a)pyrene
Concen: 44.273 ng
RT: 15.27 min Scan# 2242
Delta R.T. 0.01 min
Lab File: BF119106.D
Acq: 27 Feb 2020 13:10

Tgt Ion	Ratio	Lower	Upper
252	100		
253	21.8	18.0	27.0
125	9.3	8.6	12.8





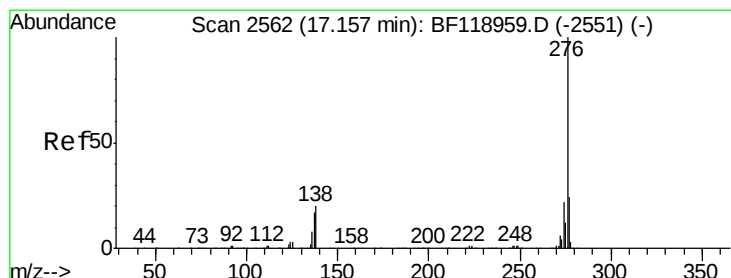
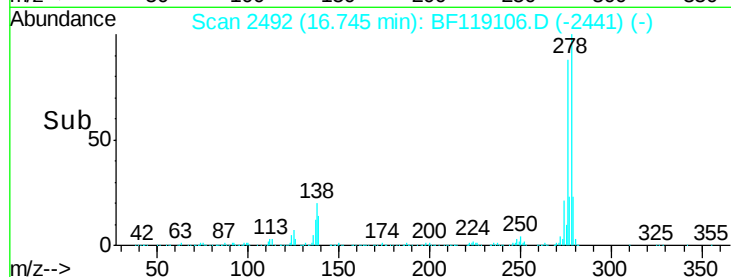
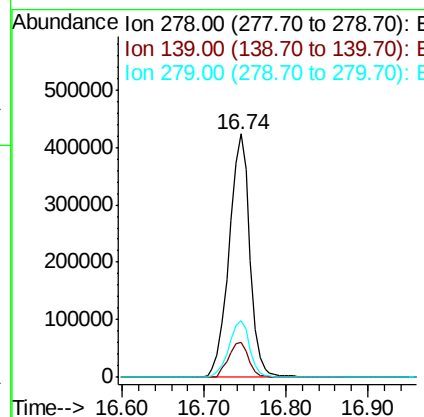
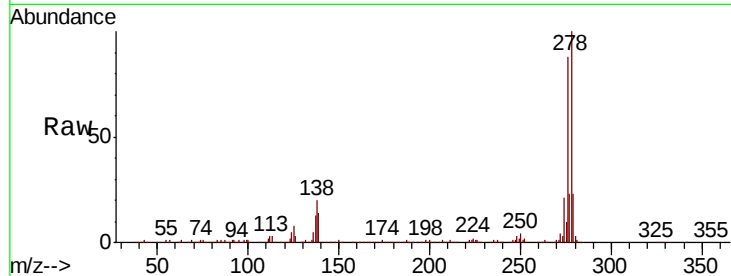
#91
Dibenzo(a,h)anthracene
Concen: 47.052 ng
RT: 16.74 min Scan# 2492
Delta R.T. -0.00 min
Lab File: BF119106.D
Acq: 27 Feb 2020 13:10

Instrument :
BNA_F
ClientSampleId :
PB127120BS

Tot Ion	Ratio	Lower	Upper
278	100		
139	14.1	11.0	16.4
279	23.4	18.6	28.0

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#92
Benzo(g,h,i)perylene
Concen: 47.456 ng
RT: 17.16 min Scan# 2563
Delta R.T. 0.01 min
Lab File: BF119106.D
Acq: 27 Feb 2020 13:10

Tgt Ion	Ratio	Lower	Upper
276	100		
277	24.5	18.7	28.1
138	18.8	14.3	21.5

