

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF012920\
 Data File : BF118738.D
 Acq On : 29 Jan 2020 18:22
 Operator : CG/JU
 Sample : L1013-12MS
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PL-05-012820MS

Manual Integrations
 APPROVED

mohammad
 1/30/2020 10:18:18 AM

Quant Time: Jan 30 01:02:45 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF012020.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Jan 27 14:24:10 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.85	152	277639	20.00	ng	-0.01
21) Naphthalene-d8	8.13	136	1029466	20.00	ng	-0.01
39) Acenaphthene-d10	9.89	164	551815	20.00	ng	-0.01
64) Phenanthrene-d10	11.37	188	980118	20.00	ng	-0.01
76) Chrysene-d12	14.00	240	629542	20.00	ng	-0.02
87) Perylene-d12	15.46	264	706582	20.00	ng	-0.02

System Monitoring Compounds

5) 2-Fluorophenol	5.49	112	1840477	123.12	ng	0.00
7) Phenol-d6	6.49	99	2094656	107.81	ng	0.00
23) Nitrobenzene-d5	7.41	82	1607326	87.33	ng	-0.01
42) 2,4,6-Tribromophenol	10.67	330	858821	134.56	ng	-0.01
45) 2-Fluorobiphenyl	9.21	172	3079021	91.71	ng	-0.01
79) Terphenyl-d14	12.95	244	3310333	114.69	ng	-0.01

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.79	88	293010	40.468	ng	# 87
3) Pyridine	3.50	79	639421	31.333	ng	100
4) n-Nitrosodimethylamine	3.43	42	324227	37.058	ng	100
6) Aniline	6.51	93	249567	9.755	ng	97
8) 2-Chlorophenol	6.64	128	855458	50.983	ng	96
9) Benzaldehyde	6.40	77	415745	35.184	ng	97
10) Phenol	6.50	94	859477	38.816	ng	95
11) bis(2-Chloroethyl)ether	6.59	93	794802	48.380	ng	97
12) 1,3-Dichlorobenzene	6.79	146	935814	47.650	ng	99
13) 1,4-Dichlorobenzene	6.87	146	959626	48.677	ng	99
14) 1,2-Dichlorobenzene	7.02	146	887385	47.883	ng	99
15) Benzyl Alcohol	6.99	79	728275	47.265	ng	99
16) 2,2'-oxybis(1-Chloropropan	7.13	45	924883	40.418	ng	98
17) 2-Methylphenol	7.10	107	671324	48.032	ng	99
18) Hexachloroethane	7.36	117	332822	46.558	ng	99
19) n-Nitroso-di-n-propylamine	7.26	70	564241	43.008	ng	99
20) 3+4-Methylphenols	7.26	107	772884	45.293	ng	# 81
22) Acetophenone	7.26	105	1078921	44.241	ng	97
24) Nitrobenzene	7.43	77	862236	45.753	ng	99
25) Isophorone	7.67	82	1567871	46.705	ng	100
26) 2-Nitrophenol	7.75	139	470168	58.504	ng	98
27) 2,4-Dimethylphenol	7.79	122	719231	51.827	ng	99
28) bis(2-Chloroethoxy)methane	7.88	93	975225	45.086	ng	100
29) 2,4-Dichlorophenol	7.99	162	746634	48.669	ng	99
30) 1,2,4-Trichlorobenzene	8.07	180	838073	47.116	ng	99
31) Naphthalene	8.15	128	2363133	50.815	ng	100
32) Benzoic acid	7.90	122	450098	43.216	ng	98
33) 4-Chloroaniline	8.19	127	134317	6.249	ng	99
34) Hexachlorobutadiene	8.27	225	499083	46.074	ng	98
35) Caprolactam	8.56	113	178786m	35.612	ng	
36) 4-Chloro-3-methylphenol	8.68	107	734905	48.511	ng	99
37) 2-Methylnaphthalene	8.85	142	1662580	50.649	ng	99
38) 1-Methylnaphthalene	8.95	142	1559034	49.992	ng	100
40) 1,2,4,5-Tetrachlorobenzene	9.02	216	807078	46.744	ng	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	9.00	237	802663	92.141	nq	99
43) 2,4,6-Trichlorophenol	9.12	196	566035	49.404	nq	100
44) 2,4,5-Trichlorophenol	9.16	196	582749	49.802	nq	98
46) 1,1'-Biphenyl	9.31	154	1962092	51.592	nq	100
47) 2-Chloronaphthalene	9.33	162	1582162	49.357	nq	99
48) 2-Nitroaniline	9.42	65	423338	42.962	nq	99
49) Acenaphthylene	9.75	152	2399267	53.204	nq	99
50) Dimethylphthalate	9.61	163	1927059	53.602	nq	99
51) 2,6-Dinitrotoluene	9.67	165	429772	53.384	nq	89
52) Acenaphthene	9.92	154	1605954	53.258	nq	100
53) 3-Nitroaniline	9.83	138	86209	9.378	nq	96
54) 2,4-Dinitrophenol	9.94	184	353642	110.032	nq	# 88
55) Dibenzofuran	10.09	168	2160527	51.702	nq	100
56) 4-Nitrophenol	10.00	139	597893	86.157	nq	98
57) 2,4-Dinitrotoluene	10.07	165	563777	55.551	nq	93
58) Fluorene	10.43	166	1613252	49.176	nq	100
59) 2,3,4,6-Tetrachlorophenol	10.21	232	500123	48.593	nq	100
60) Diethylphthalate	10.31	149	1737453	49.844	nq	100
61) 4-Chlorophenyl-phenylether	10.43	204	844581	47.336	nq	96
62) 4-Nitroaniline	10.45	138	359853	38.163	nq	98
63) Azobenzene	10.59	77	1566330	46.398	nq	99
65) 4,6-Dinitro-2-methylphenol	10.48	198	277055	64.285	nq	97
66) n-Nitrosodiphenylamine	10.55	169	1505134	50.921	nq	100
67) 4-Bromophenyl-phenylether	10.92	248	585717	48.371	nq	98
68) Hexachlorobenzene	10.99	284	660335	48.100	nq	100
69) Atrazine	11.07	200	529101	51.645	nq	99
70) Pentachlorophenol	11.17	266	684958	89.739	nq	99
71) Phenanthrene	11.40	178	2354860	49.801	nq	100
72) Anthracene	11.45	178	2431865	51.976	nq	100
73) Carbazole	11.60	167	2088538	48.666	nq	100
74) Di-n-butylphthalate	11.93	149	2520548	52.863	nq	99
75) Fluoranthene	12.58	202	2436858	48.862	nq	100
77) Benzidine	12.69	184	654171	38.890	nq	99
78) Pyrene	12.81	202	2397589	56.097	nq	100
80) Butylbenzylphthalate	13.43	149	1005221	57.468	nq	97
81) Benzo(a)anthracene	14.00	228	1930011	50.964	nq	99
82) 3,3'-Dichlorobenzidine	13.95	252	228402	16.926	nq	99
83) Chrysene	14.03	228	1911371	52.662	nq	98
84) Bis(2-ethylhexyl)phthalate	13.99	149	1331853	62.322	nq	98
85) Di-n-octyl phthalate	14.60	149	2206952	69.770	nq	100
86) Indeno(1,2,3-cd)pyrene	16.93	276	2556784	81.074	nq	99
88) Benzo(b)fluoranthene	15.04	252	2009091	45.236	nq	100
89) Benzo(k)fluoranthene	15.07	252	2014963	48.969	nq	100
90) Benzo(a)pyrene	15.40	252	1878908	49.041	nq	99
91) Dibenzo(a,h)anthracene	16.94	278	2133448	62.952	nq	99
92) Benzo(g,h,i)perylene	17.37	276	2227102	67.682	nq	99

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

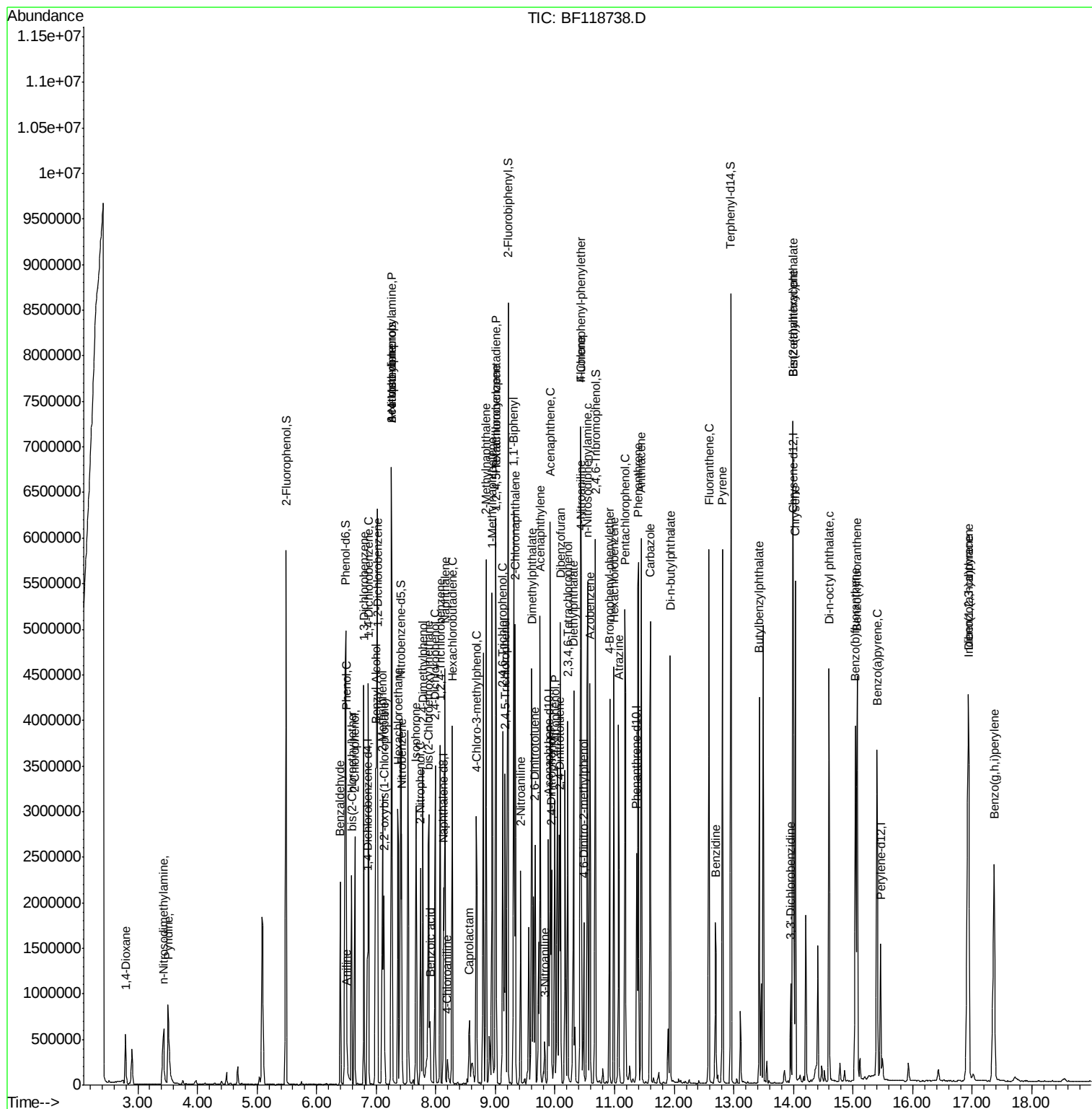
Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF012920\
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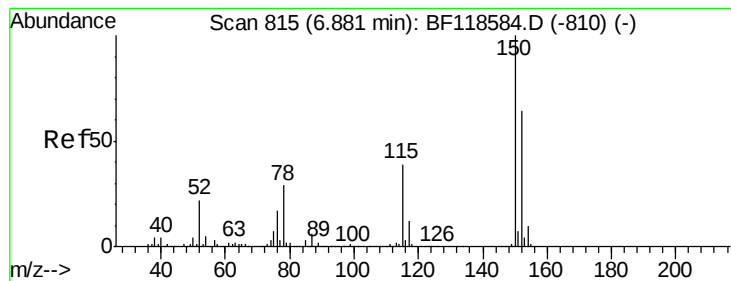
Instrument :
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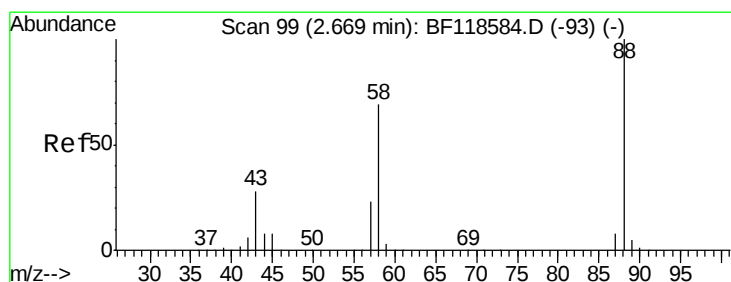
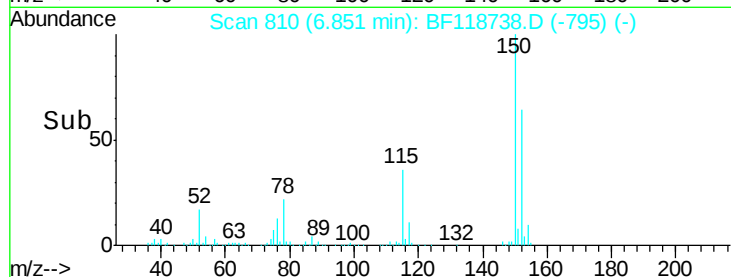
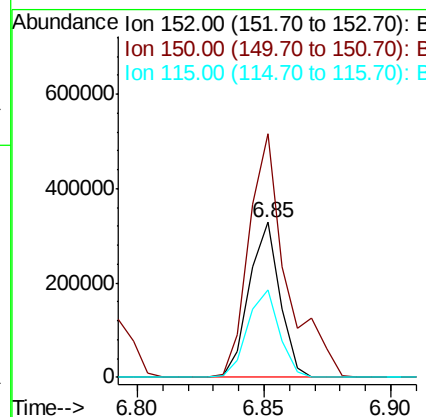
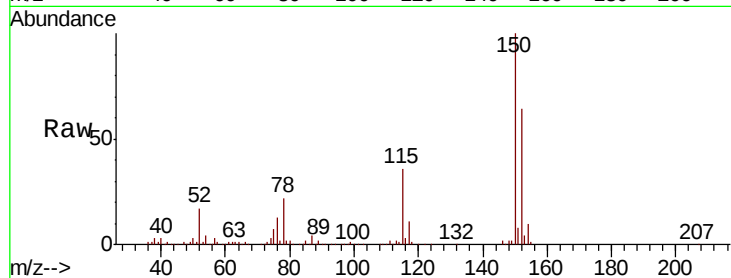
#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.85 min Scan# 810
 Delta R.T. -0.01 min
 Lab File: BF118738.D
 Acq: 29 Jan 2020 18:22

Instrument :
 BNA_F
 ClientSampleId :
 PL-05-012820MS

Tot Ion	Ratio	Lower	Upper
152	100		
150	157.0	123.7	185.5
115	56.3	45.1	67.7

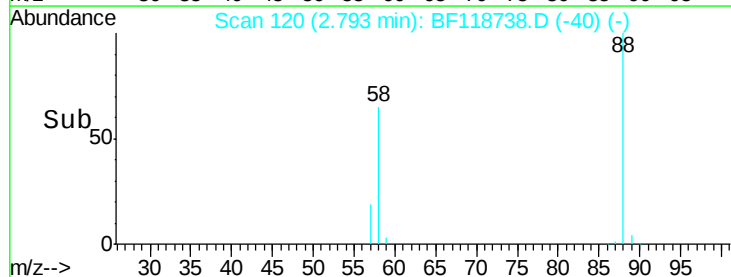
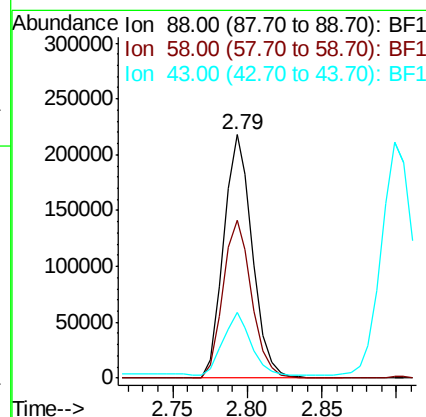
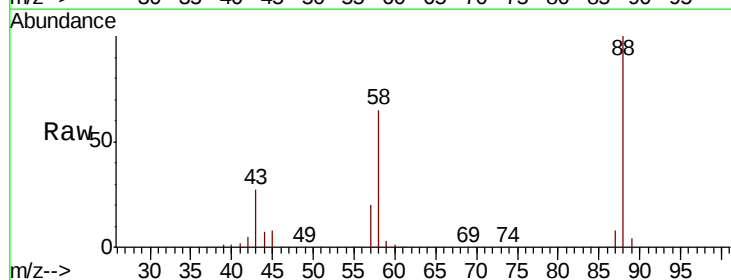
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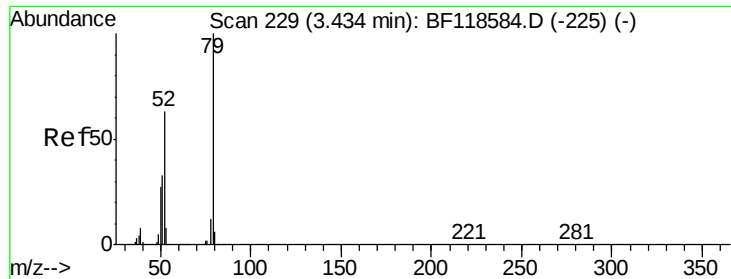
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#2
 1,4-Dioxane
 Concen: 40.468 ng
 RT: 2.79 min Scan# 120
 Delta R.T. 0.17 min
 Lab File: BF118738.D
 Acq: 29 Jan 2020 18:22

Tgt Ion	Ratio	Lower	Upper
88	100		
58	64.9	51.9	77.9
43	0.0	19.3	28.9#





#3

Pvridine

Concen: 31.333 ng

RT: 3.50 min Scan# 241

Delta R.T. 0.12 min

Lab File: BF118738.D

Acq: 29 Jan 2020 18:22

Instrument :

BNA_F

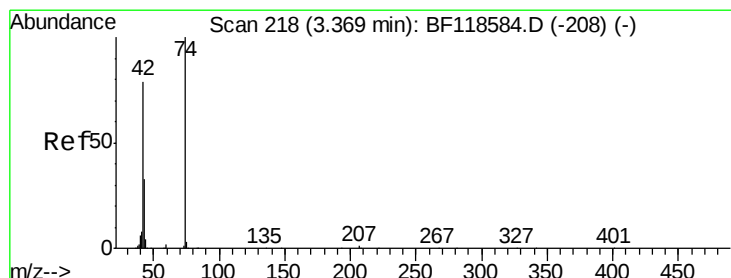
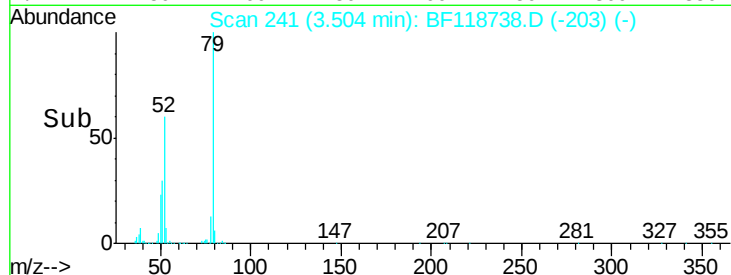
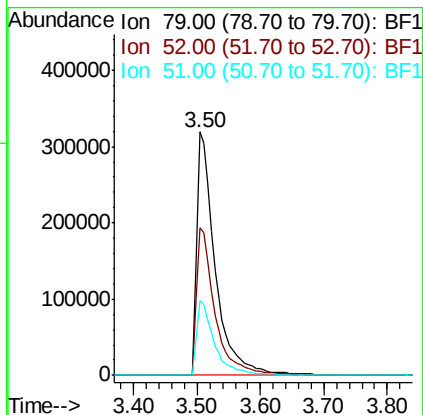
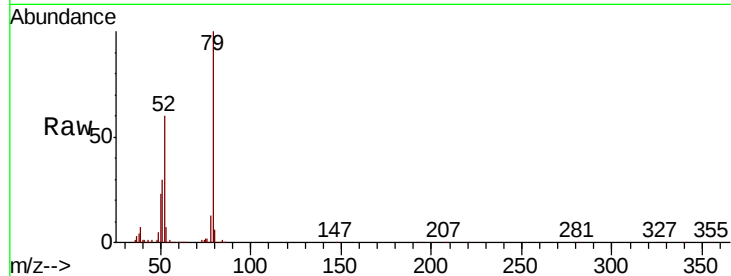
ClientSampleId :

PL-05-012820MS

Tot Ion:	79	Resp:	639421
Ion Ratio	Lower	Upper	
79	100		
52	60.4	48.8	73.2
51	30.5	24.4	36.6

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#4

n-Nitrosodimethylamine

Concen: 37.058 ng

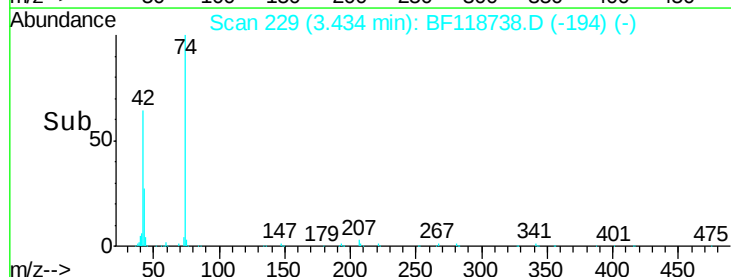
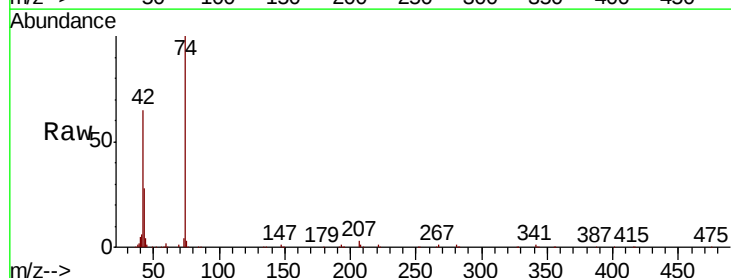
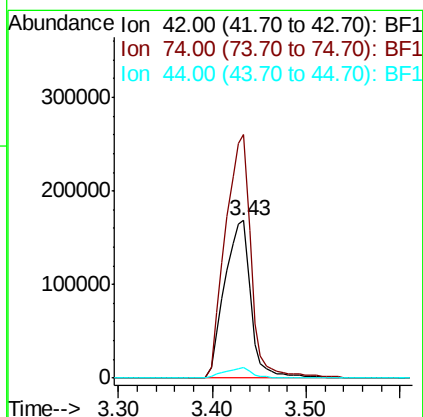
RT: 3.43 min Scan# 229

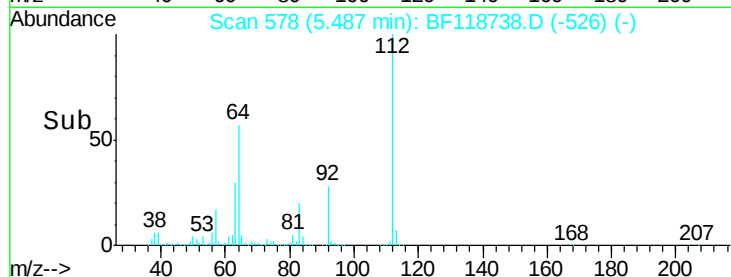
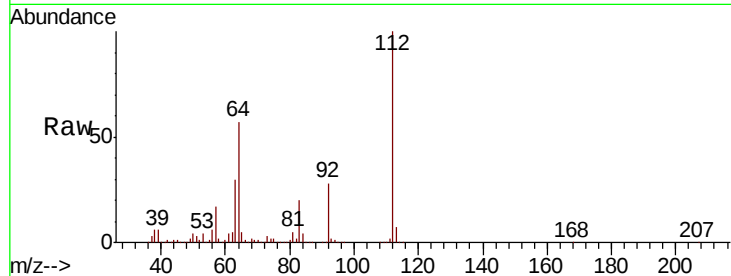
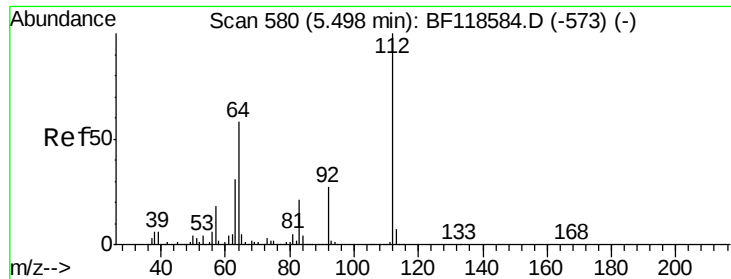
Delta R.T. 0.11 min

Lab File: BF118738.D

Acq: 29 Jan 2020 18:22

Tgt Ion:	42	Resp:	324227
Ion Ratio	Lower	Upper	
42	100		
74	154.8	123.5	185.3
44	6.5	5.6	8.4





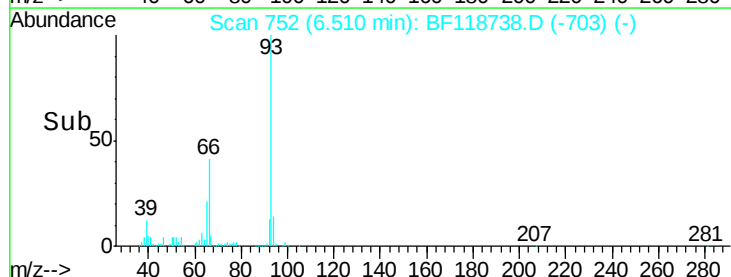
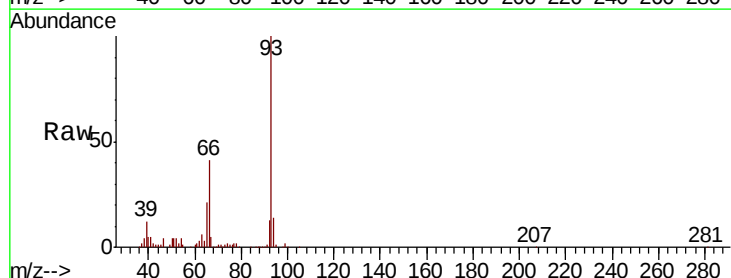
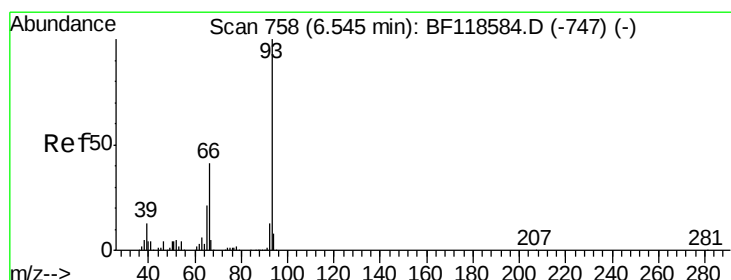
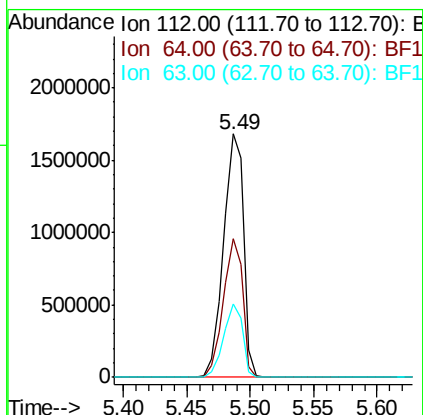
#5
2-Fluorophenol
Concen: 123.118 ng
RT: 5.49 min Scan# 578
Delta R.T. 0.01 min
Lab File: BF118738.D
Acq: 29 Jan 2020 18:22

Tot Ion	Ratio	Lower	Upper
112	100		
64	57.2	42.4	63.6
63	30.4	21.7	32.5

Instrument :
BNA_F
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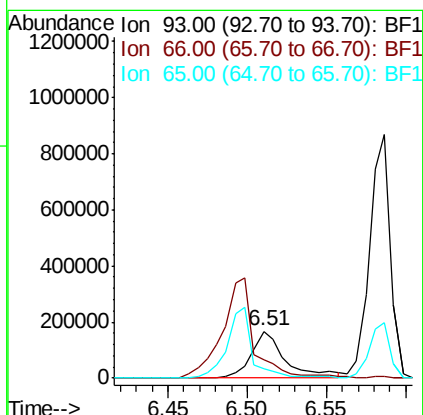
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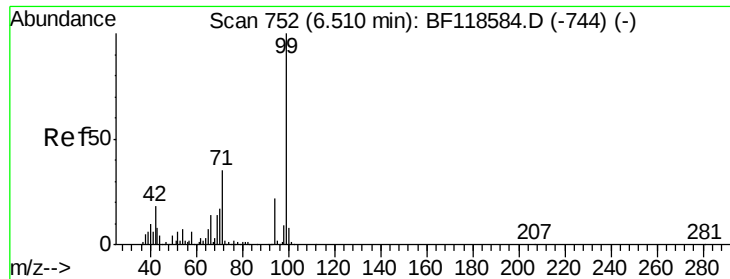
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#6
Aniline
Concen: 9.755 ng
RT: 6.51 min Scan# 752
Delta R.T. -0.01 min
Lab File: BF118738.D
Acq: 29 Jan 2020 18:22

Tgt Ion	Ratio	Lower	Upper
93	100		
66	40.5	31.3	46.9
65	20.8	15.3	22.9





#7

Phenol-d6

Concen: 107.807 ng

RT: 6.49 min Scan# 748

Delta R.T. -0.01 min

Lab File: BF118738.D

Acq: 29 Jan 2020 18:22

Instrument :

BNA_F

ClientSampleId :

PL-05-012820MS

Tot Ion: 99 Resp: 2094656

Ion Ratio Lower Upper

99 100

42 16.2 13.1 19.7

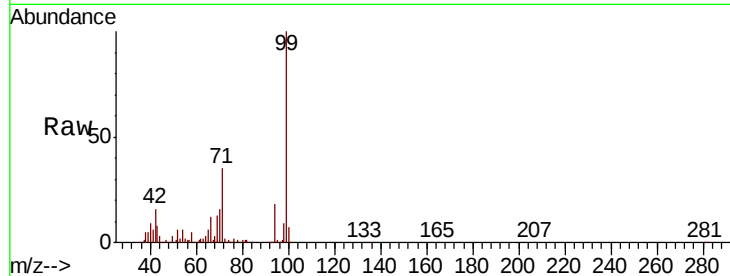
71 35.3 28.4 42.6

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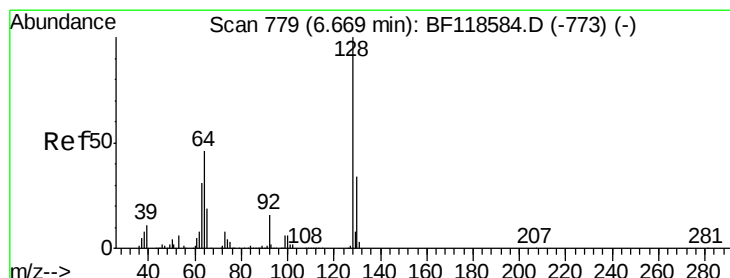
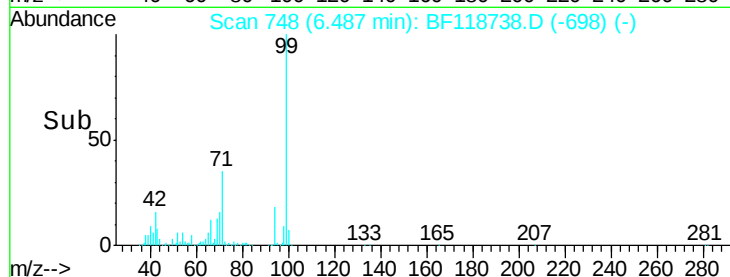
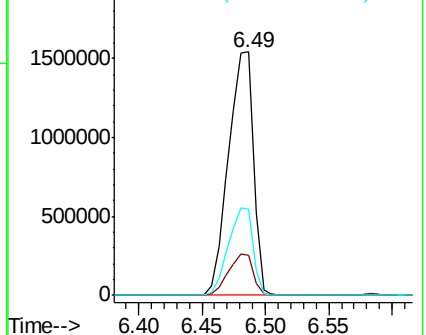
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Abundance Ion 99.00 (98.70 to 99.70): BF1

Ion 42.00 (41.70 to 42.70): BF1

Ion 71.00 (70.70 to 71.70): BF1



#8

2-Chlorophenol

Concen: 50.983 ng

RT: 6.64 min Scan# 774

Delta R.T. -0.01 min

Lab File: BF118738.D

Acq: 29 Jan 2020 18:22

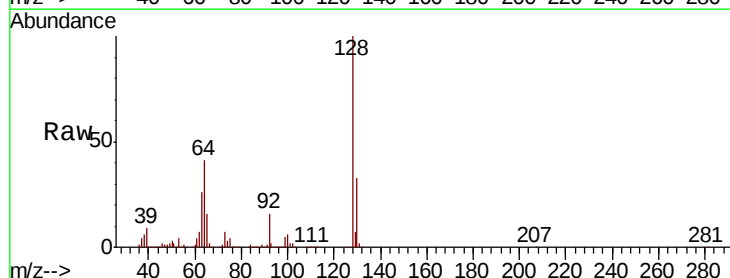
Tgt Ion: 128 Resp: 855458

Ion Ratio Lower Upper

128 100

130 33.4 12.8 52.8

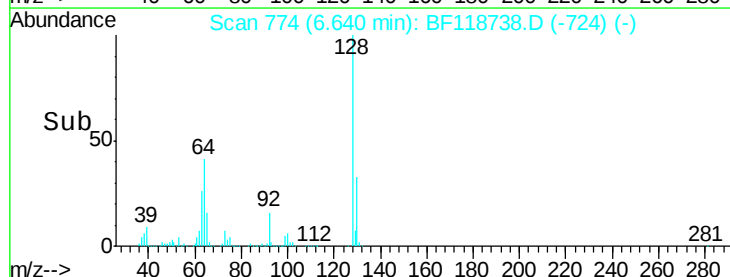
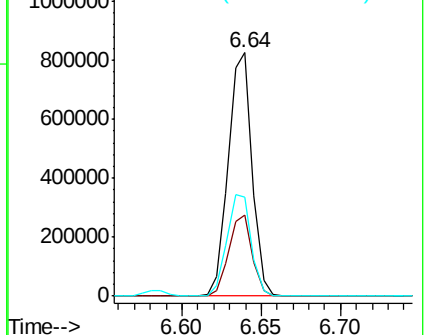
64 40.7 24.5 64.5



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: 35.184 ng

RT: 6.40 min Scan# 733

Delta R.T. -0.01 min

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Acq: 29 Jan 2020 18:22

Instrument :

BNA_F

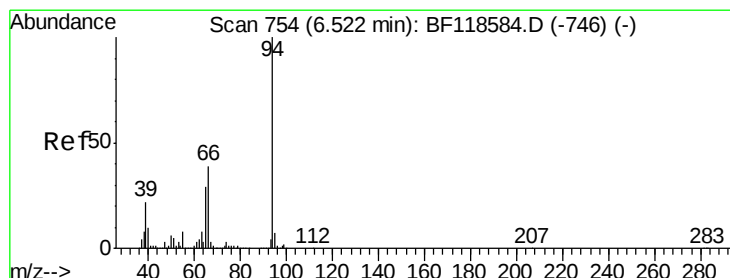
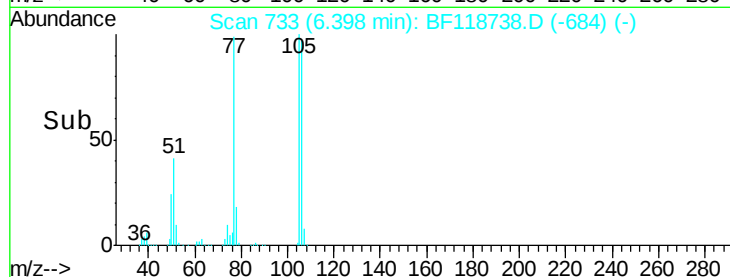
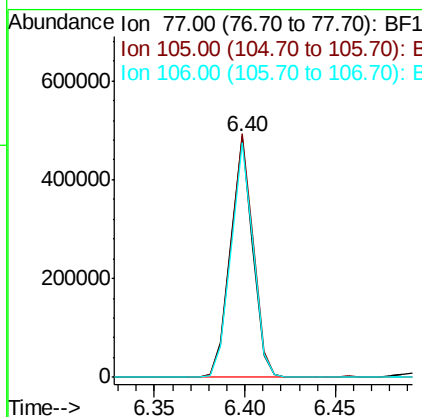
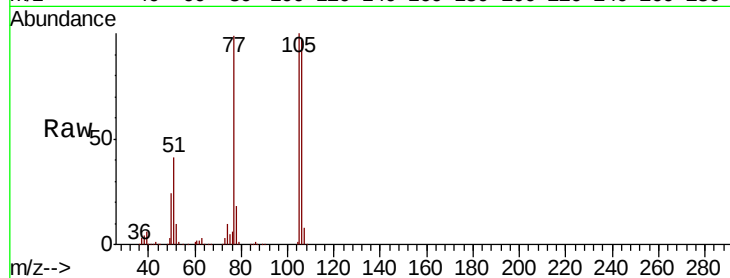
ClientSampleId :

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Tot Ion:	77	Resp:	415745
Ion Ratio	Lower	Upper	
77	100		
105	101.2	84.3	124.3
106	97.7	80.4	120.4

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#10

Phenol

Concen: 38.816 ng

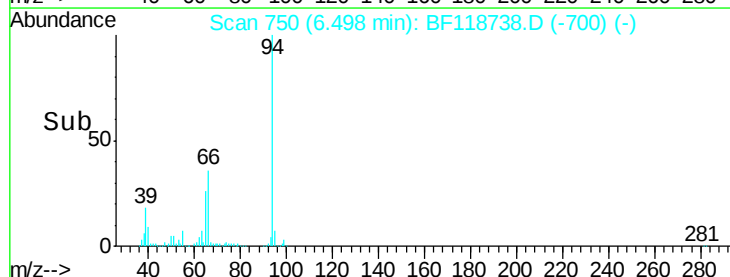
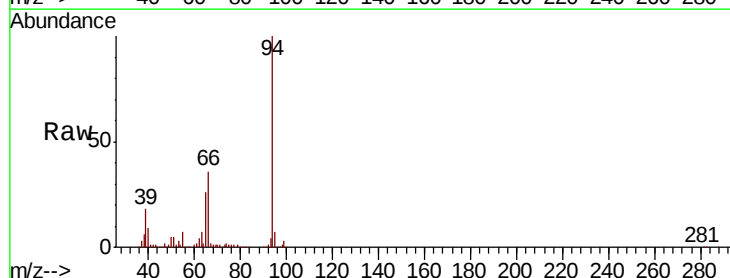
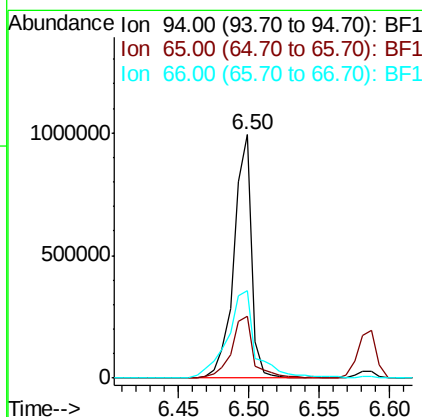
RT: 6.50 min Scan# 750

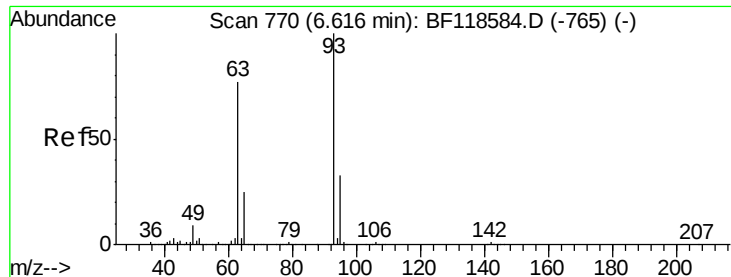
Delta R.T. -0.01 min

Lab File: BF118738.D

Acq: 29 Jan 2020 18:22

Tgt Ion:	94	Resp:	859477
Ion Ratio	Lower	Upper	
94	100		
65	25.6	7.9	47.9
66	36.0	19.1	59.1





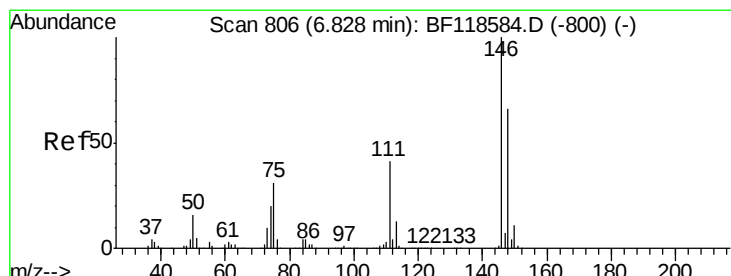
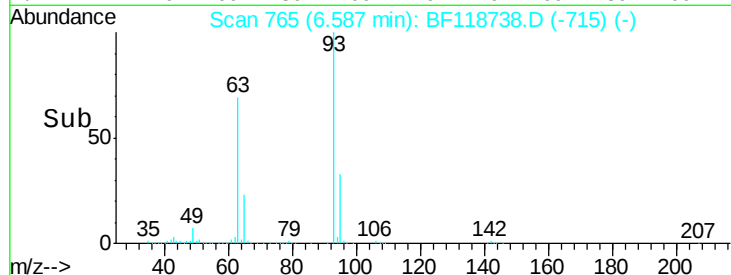
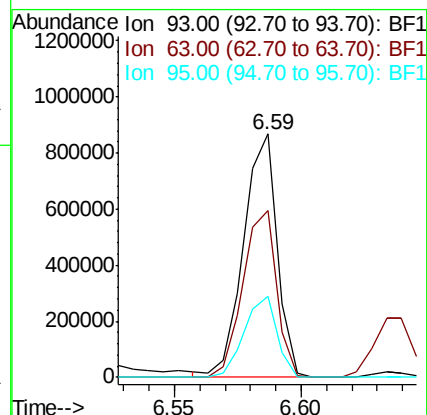
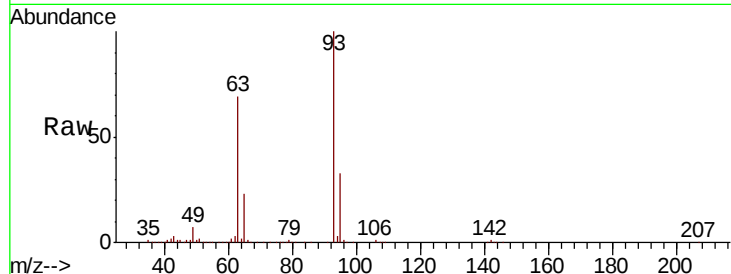
#11
bis(2-Chloroethyl)ether
Concen: 48.380 ng
RT: 6.59 min Scan# 765
Delta R.T. -0.01 min
Lab File: BF118738.D
Acq: 29 Jan 2020 18:22

Instrument :
BNA_F
ClientSampleId :
PL-05-012820MS

Tot Ion:	93	Resp:	794802
Ion Ratio	Lower	Upper	
93	100		
63	68.6	52.1	92.1
95	33.4	13.2	53.2

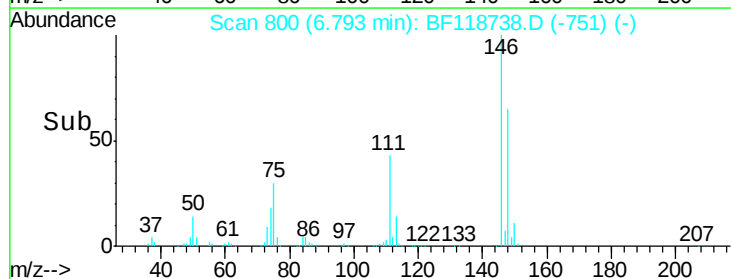
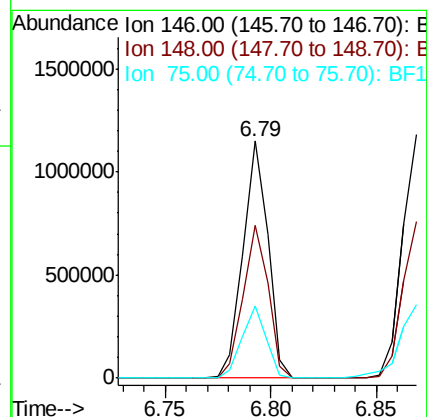
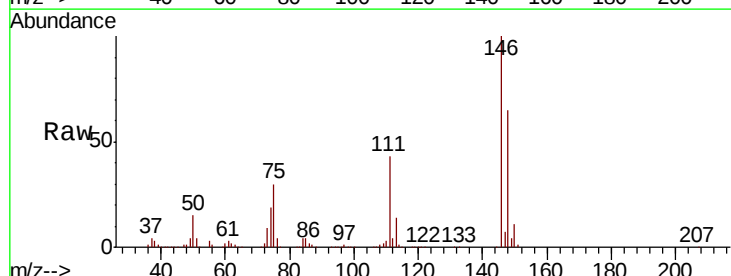
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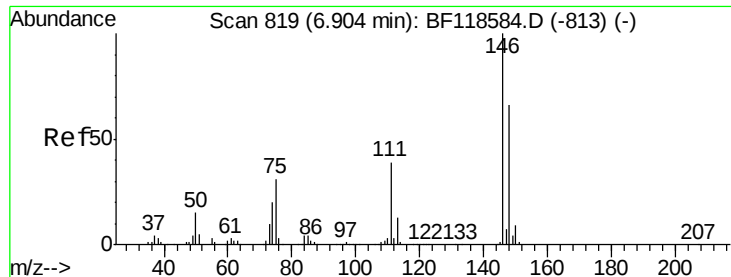
mohammad
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#12
1,3-Dichlorobenzene
Concen: 47.650 ng
RT: 6.79 min Scan# 800
Delta R.T. -0.01 min
Lab File: BF118738.D
Acq: 29 Jan 2020 18:22

Tgt Ion:	146	Resp:	935814
Ion Ratio	Lower	Upper	
146	100		
148	64.8	52.2	78.4
75	30.3	23.1	34.7





#13

1,4-Dichlorobenzene

Concen: 48.677 ng

RT: 6.87 min Scan# 813

Delta R.T. -0.01 min

Lab File: BF118738.D

Acq: 29 Jan 2020 18:22

Instrument :

BNA_F

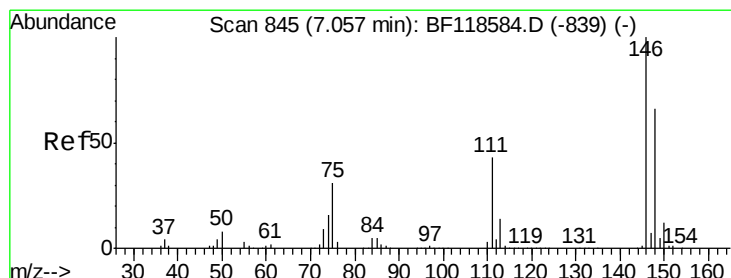
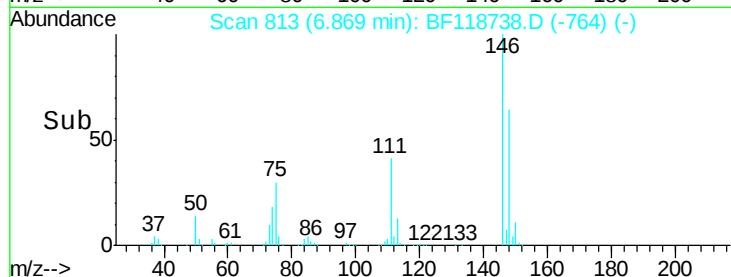
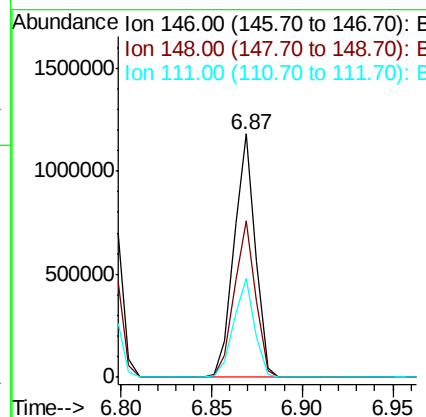
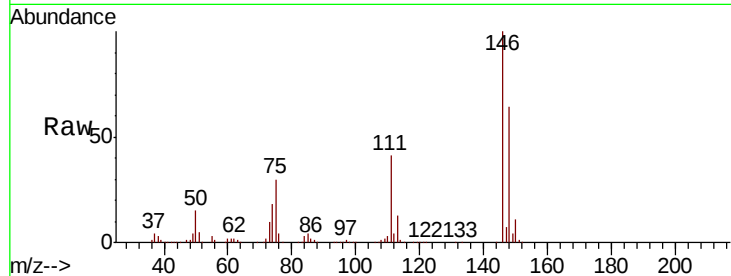
ClientSampleId :

PL-05-012820MS

Tot Ion:	146	Resp:	959626
Ion Ratio	Lower	Upper	
146	100		
148	64.1	51.5	77.3
111	40.8	31.8	47.6

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#14

1,2-Dichlorobenzene

Concen: 47.883 ng

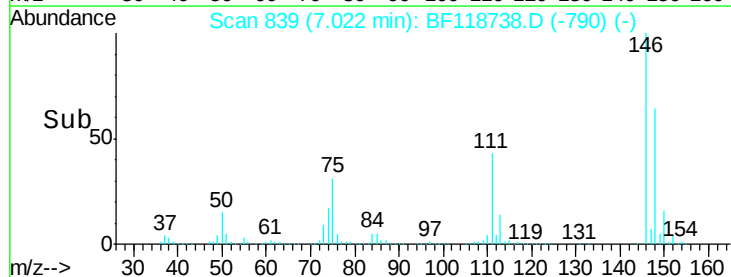
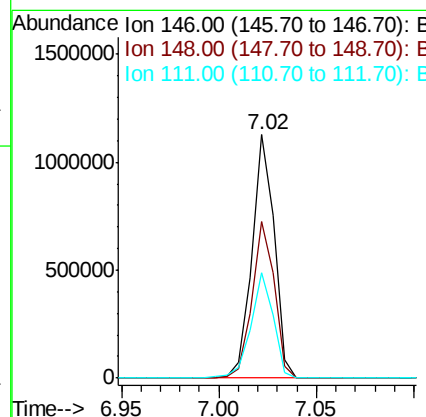
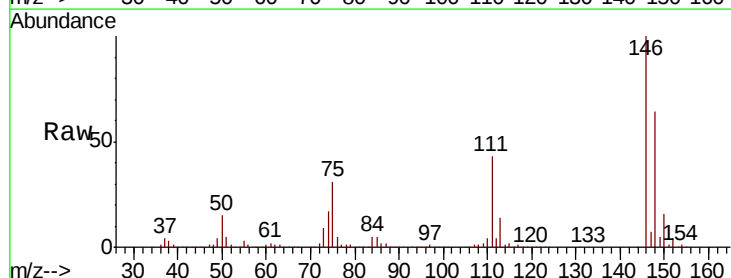
RT: 7.02 min Scan# 839

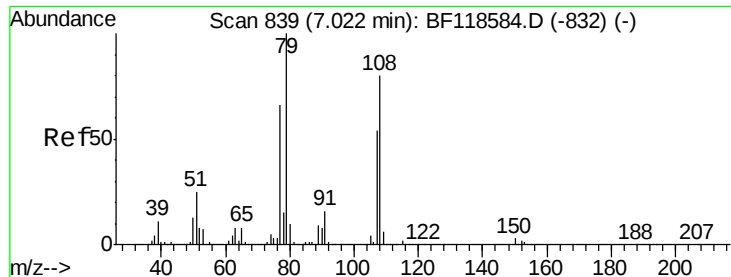
Delta R.T. -0.01 min

Lab File: BF118738.D

Acq: 29 Jan 2020 18:22

Tgt Ion:	146	Resp:	887385
Ion Ratio	Lower	Upper	
146	100		
148	64.2	51.7	77.5
111	43.3	35.3	52.9





#15

Benzyl Alcohol

Concen: 47.265 ng

RT: 6.99 min Scan# 834

Delta R.T. -0.01 min

Lab File: BF118738.D

Acq: 29 Jan 2020 18:22

Instrument :

BNA_F

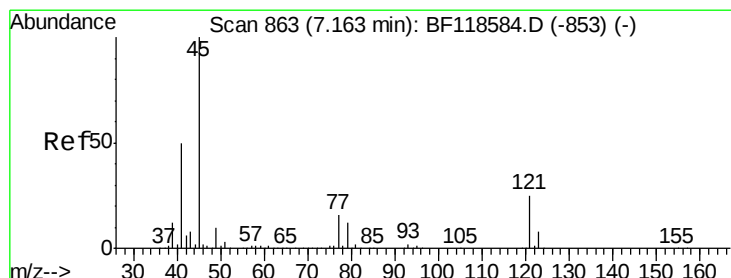
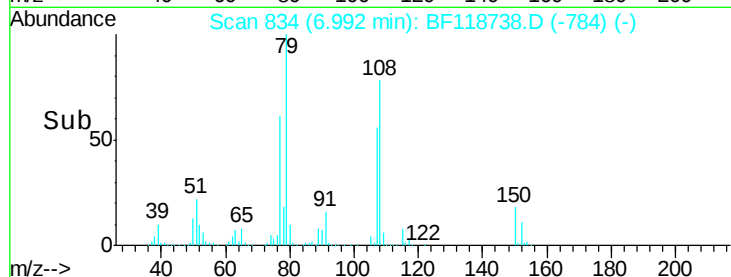
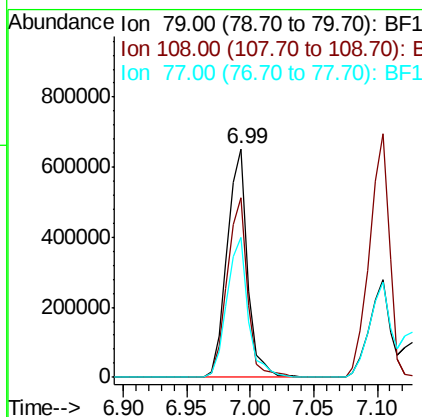
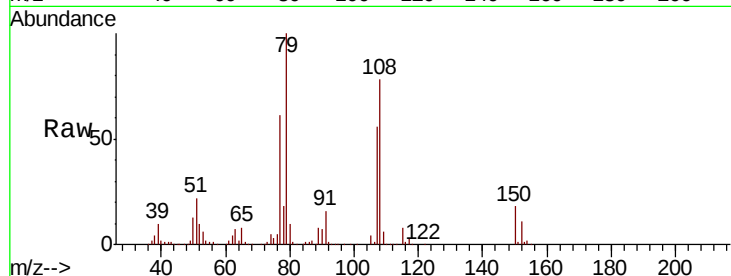
ClientSampleId :

PL-05-012820MS

Tot Ion:	79	Resp:	728275
Ion Ratio	Lower	Upper	
79	100		
108	78.4	63.4	95.2
77	61.5	49.8	74.6

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#16

2,2'-oxybis(1-Chloropropane)

Concen: 40.418 ng

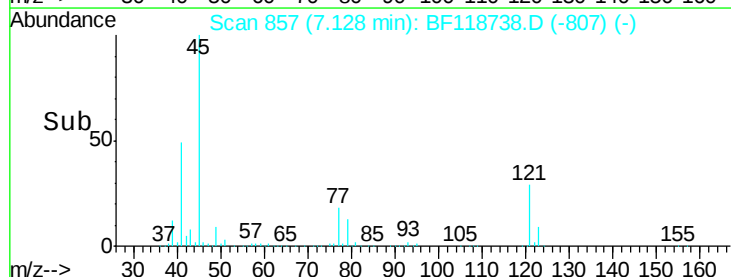
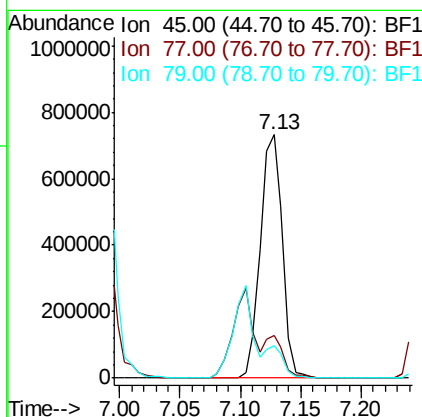
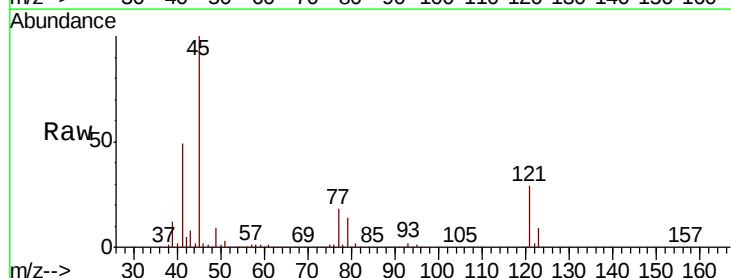
RT: 7.13 min Scan# 857

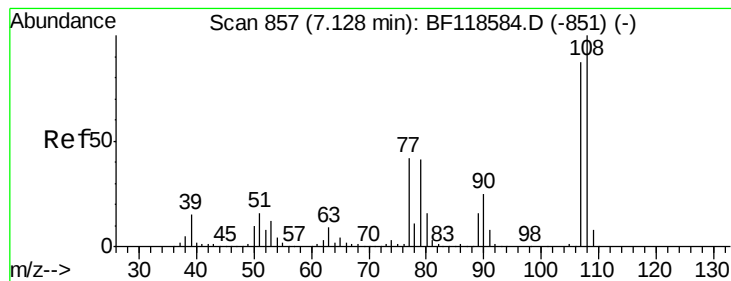
Delta R.T. -0.01 min

Lab File: BF118738.D

Acq: 29 Jan 2020 18:22

Tgt Ion:	45	Resp:	924883
Ion Ratio	Lower	Upper	
45	100		
77	17.6	0.0	36.9
79	13.5	0.0	32.5





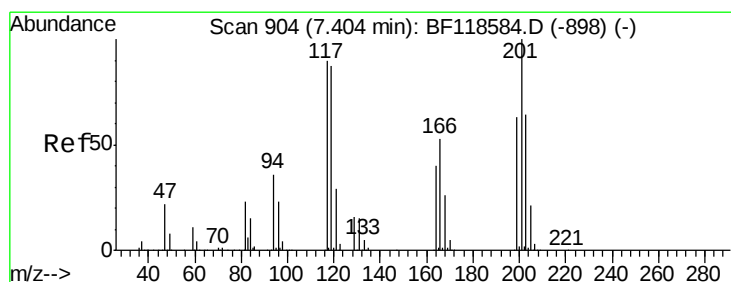
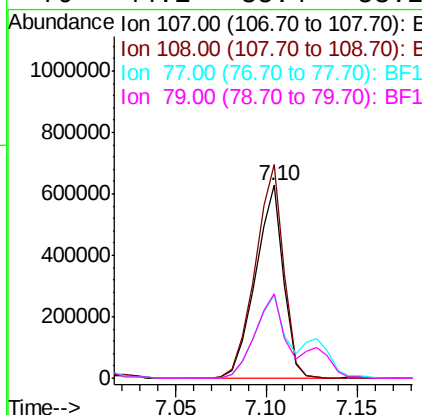
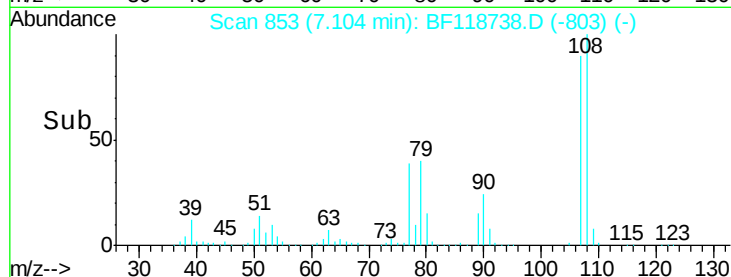
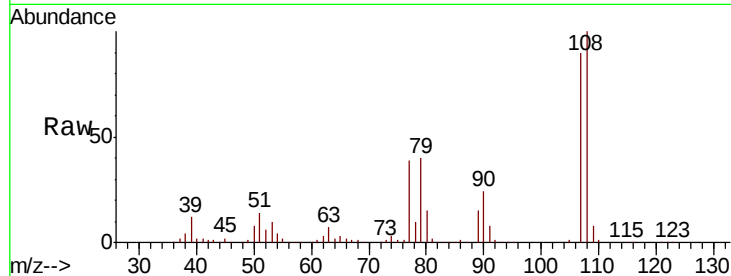
#17
2-Methylphenol
Concen: 48.032 ng
RT: 7.10 min Scan# 853
Delta R.T. -0.01 min
Lab File: BF118738.D
Acq: 29 Jan 2020 18:22

Instrument :
BNA_F
ClientSampleId :
PL-05-012820MS

Tot Ion	Ratio	Lower	Upper
107	100		
108	110.7	88.0	132.0
77	43.1	35.3	52.9
79	44.1	35.4	53.2

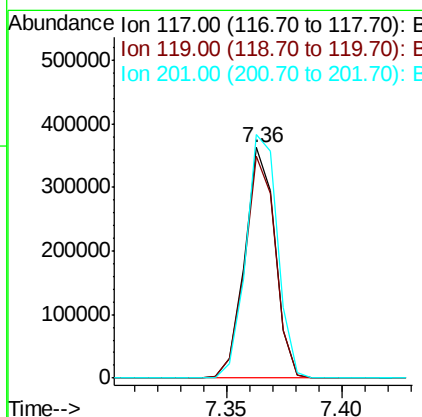
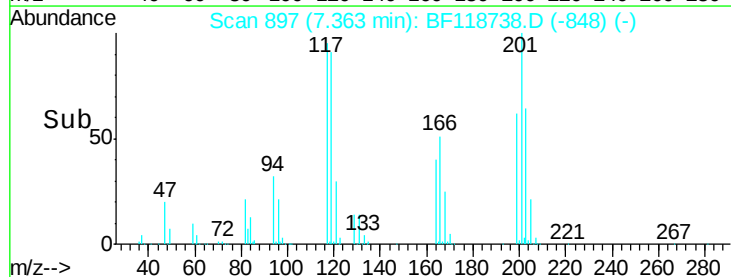
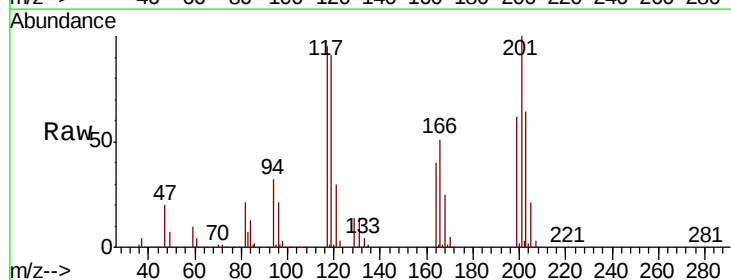
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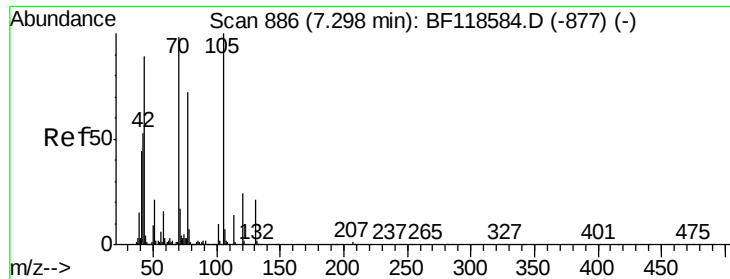
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#18
Hexachloroethane
Concen: 46.558 ng
RT: 7.36 min Scan# 897
Delta R.T. -0.01 min
Lab File: BF118738.D
Acq: 29 Jan 2020 18:22

Tgt Ion	Ratio	Lower	Upper
117	100		
119	96.5	76.2	114.2
201	105.7	83.3	124.9





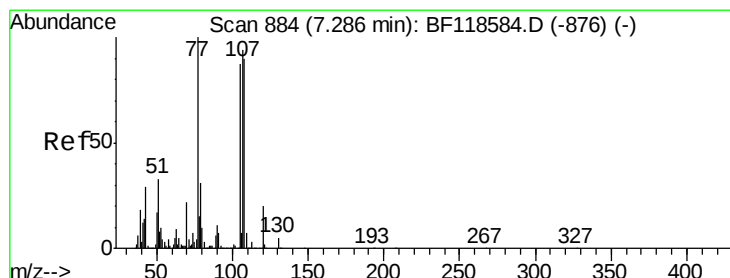
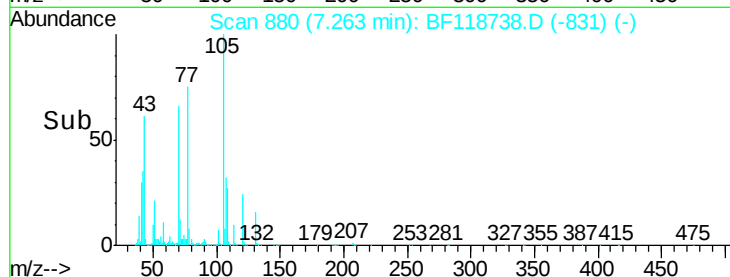
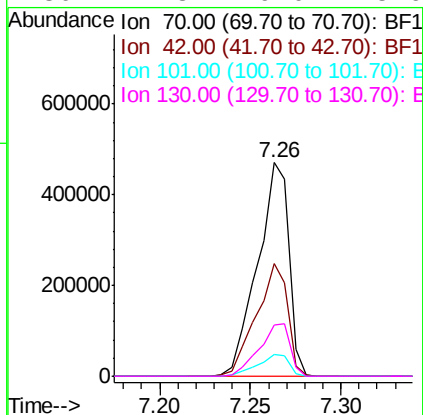
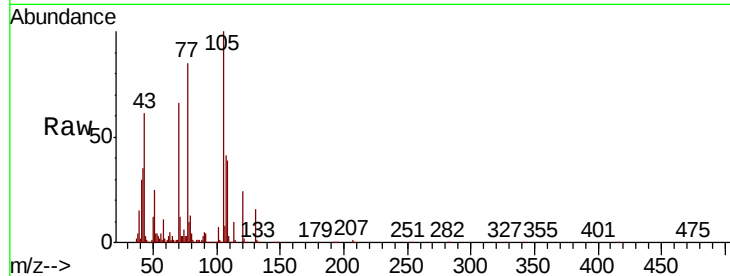
#19
n-Nitroso-di-n-propylamine
Concen: 43.008 ng
RT: 7.26 min Scan# 880
Delta R.T. -0.01 min
Lab File: BF118738.D
Acq: 29 Jan 2020 18:22

Instrument :
BNA_F
ClientSampleId :
PL-05-012820MS

Tot Ion	Ion	Ratio	Lower	Upper
70	100			
42	53.0	41.6	62.4	
101	10.4	7.9	11.9	
130	24.3	19.0	28.6	

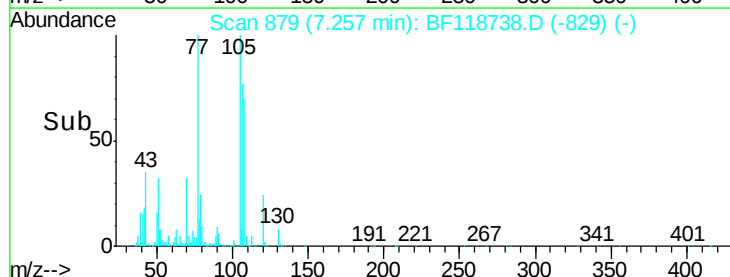
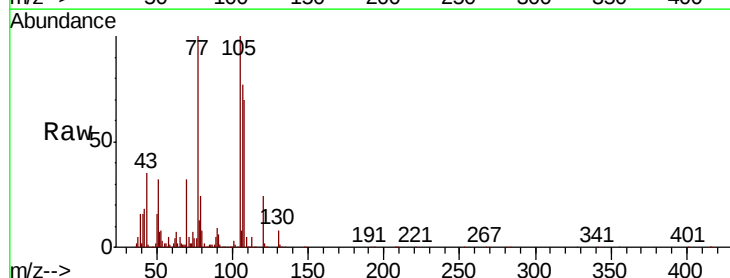
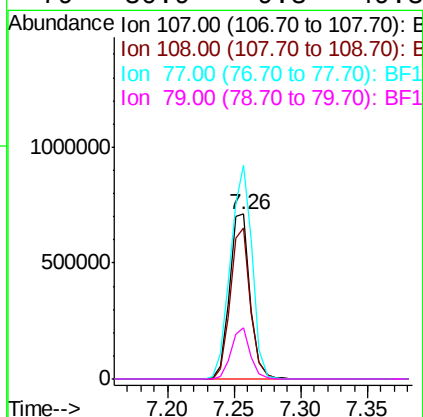
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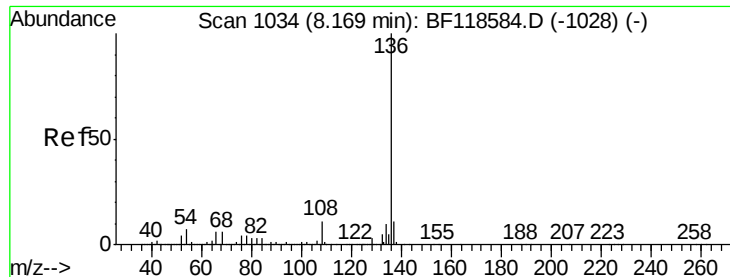
mohammad
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#20
3+4-Methylphenols
Concen: 45.293 ng
RT: 7.26 min Scan# 879
Delta R.T. -0.01 min
Lab File: BF118738.D
Acq: 29 Jan 2020 18:22

Tgt Ion	Ion	Ratio	Lower	Upper
107	100			
108	91.1	67.5	107.5	
77	129.4	73.6	113.6	
79	30.9	9.3	49.3	





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.13 min Scan# 1028

Delta R.T. -0.01 min

Lab File: BF118738.D

Acq: 29 Jan 2020 18:22

Instrument :

BNA_F

ClientSampleId :

PL-05-012820MS

Tot Ion:136 Resp: 1029466

Ion Ratio Lower Upper

136 100

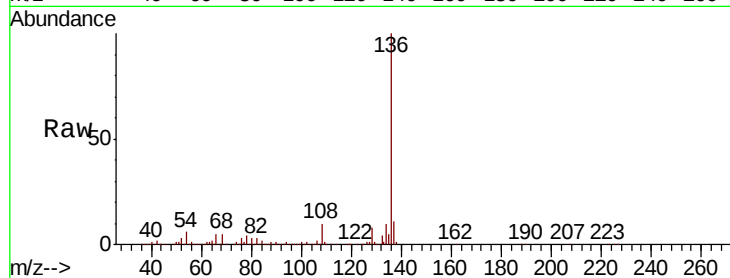
137 11.1 8.9 13.3

54 6.3 5.1 7.7

68 5.4 4.3 6.5

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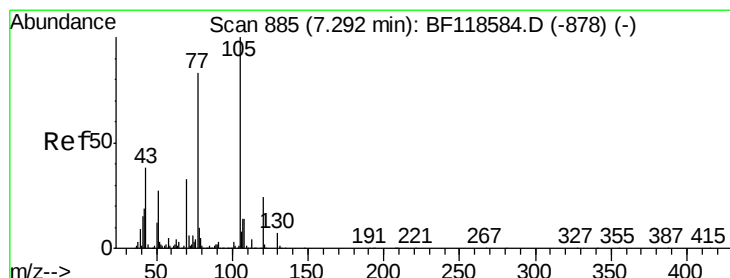
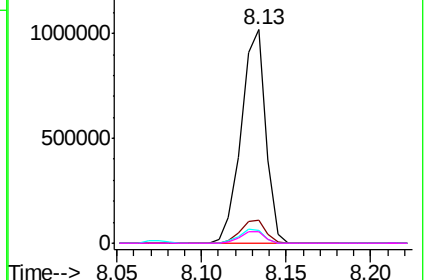
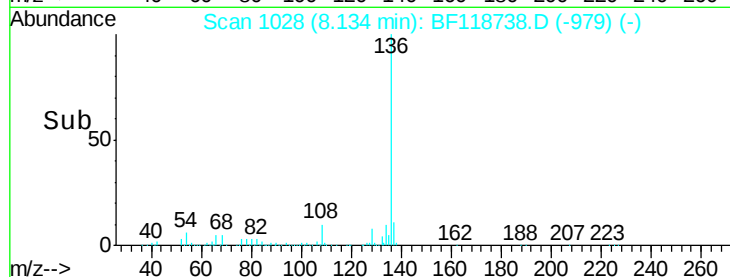
Abundance

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: 44.241 ng

RT: 7.26 min Scan# 879

Delta R.T. -0.01 min

Lab File: BF118738.D

Acq: 29 Jan 2020 18:22

Tgt Ion:105 Resp: 1078921

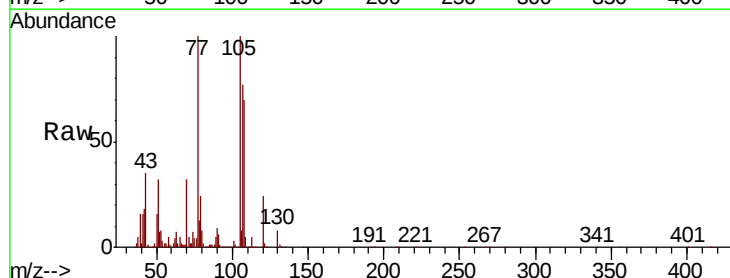
Ion Ratio Lower Upper

105 100

71 5.3 4.3 6.5

51 32.5 23.5 35.3

120 23.5 18.6 28.0



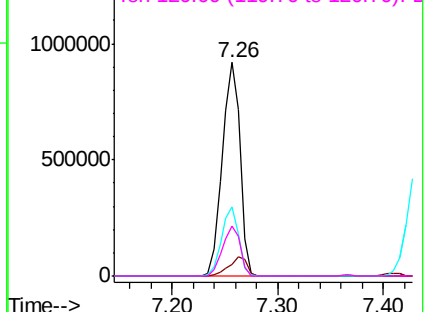
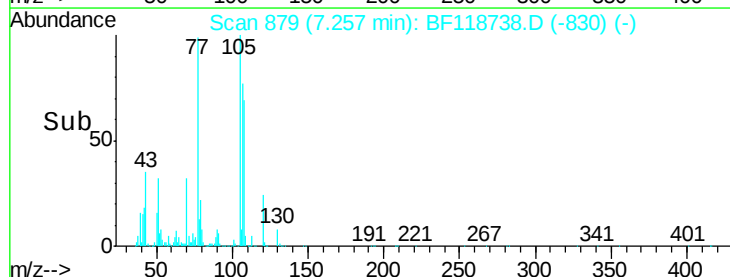
Abundance

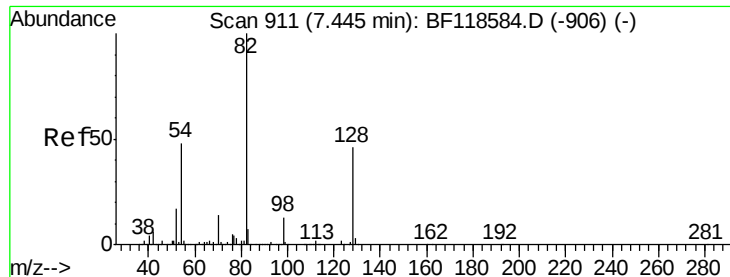
Ion 105.00 (104.70 to 105.70): E

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





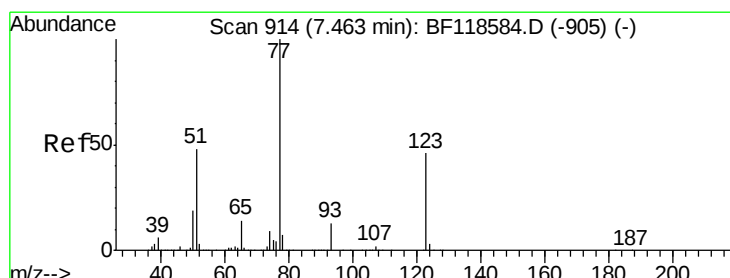
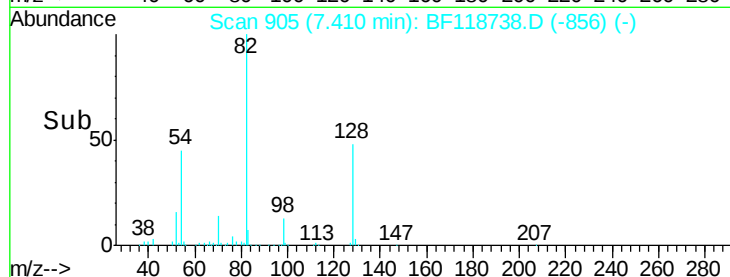
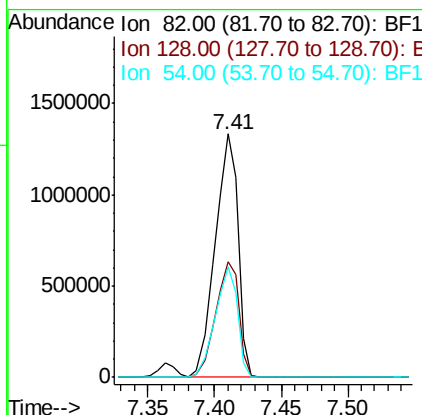
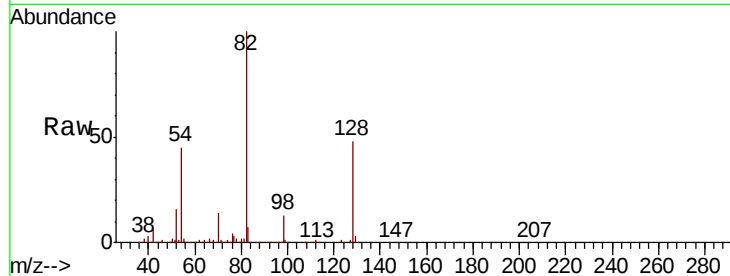
#23
 Nitrobenzene-d5
 Concen: 87.331 ng
 RT: 7.41 min Scan# 905
 Delta R.T. -0.01 min
 Lab File: BF118738.D
 Acq: 29 Jan 2020 18:22

Instrument :
 BNA_F
 ClientSampleId :
 PL-05-012820MS

Tot Ion	82	Resp	1607326
Ion	Ratio	Lower	Upper
82	100		
128	47.7	38.2	57.2
54	45.3	36.1	54.1

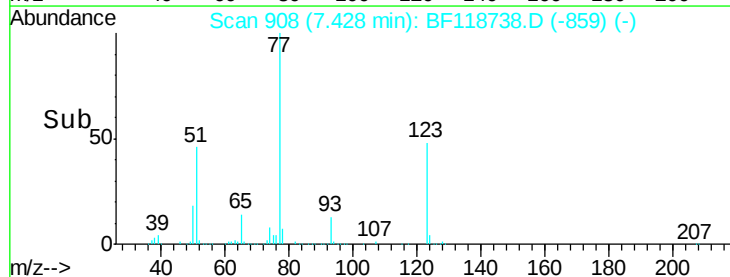
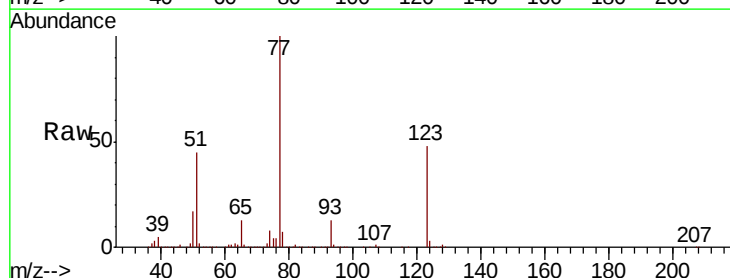
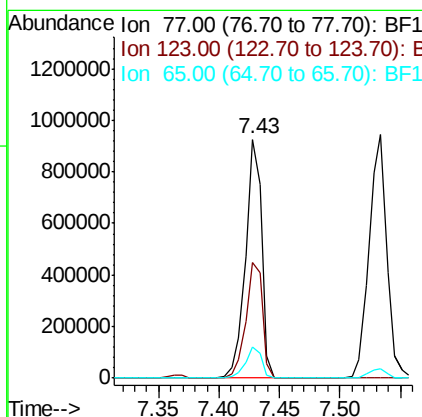
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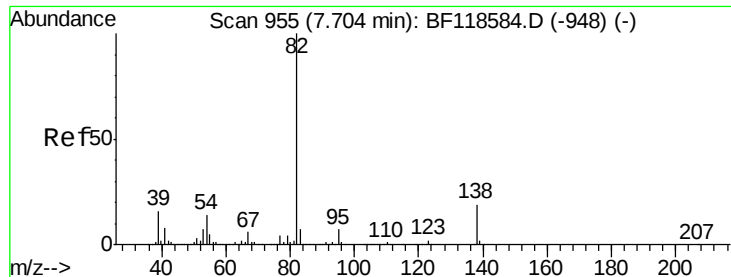
mohammad
 1/30/2020 10:18:18 AM



#24
 Nitrobenzene
 Concen: 45.753 ng
 RT: 7.43 min Scan# 908
 Delta R.T. -0.01 min
 Lab File: BF118738.D
 Acq: 29 Jan 2020 18:22

Tgt Ion	77	Resp	862236
Ion	Ratio	Lower	Upper
77	100		
123	48.5	39.2	58.8
65	13.3	10.6	15.8





#25

Isophorone

Concen: 46.705 ng

RT: 7.67 min Scan# 949

Delta R.T. -0.01 min

Lab File: BF118738.D

Acq: 29 Jan 2020 18:22

Instrument :

BNA_F

ClientSampleId :

PL-05-012820MS

Tot Ion: 82 Resp: 1567871

Ion Ratio Lower Upper

82 100

95 7.5 5.8 8.8

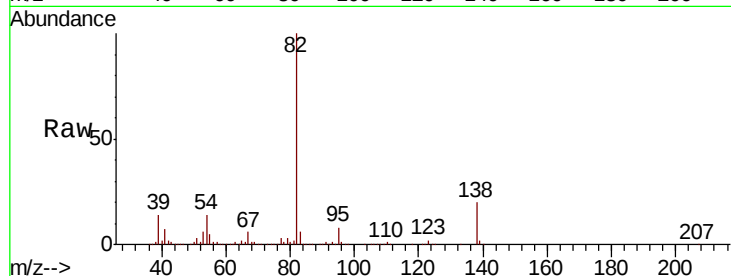
138 19.8 15.8 23.8

Manual Integrations

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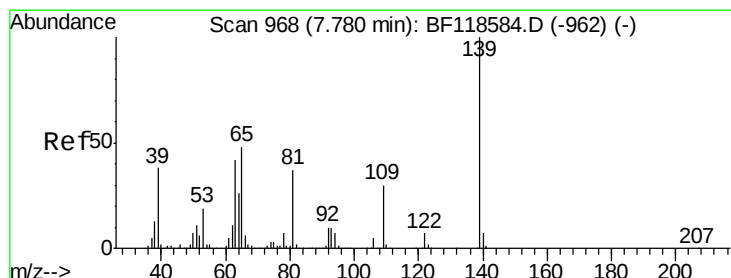
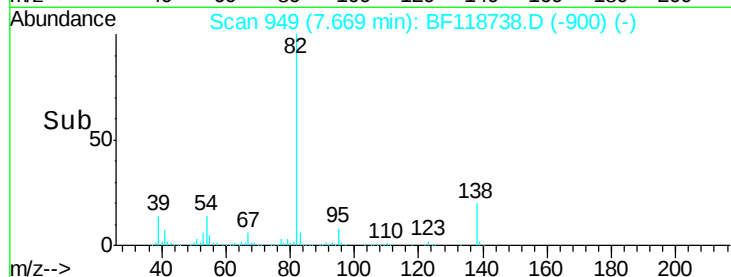
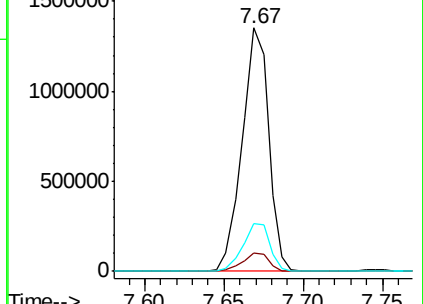
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Abundance Ion 82.00 (81.70 to 82.70): BF1

Ion 95.00 (94.70 to 95.70): BF1

Ion 138.00 (137.70 to 138.70): BF1



#26

2-Nitrophenol

Concen: 58.504 ng

RT: 7.75 min Scan# 962

Delta R.T. -0.01 min

Lab File: BF118738.D

Acq: 29 Jan 2020 18:22

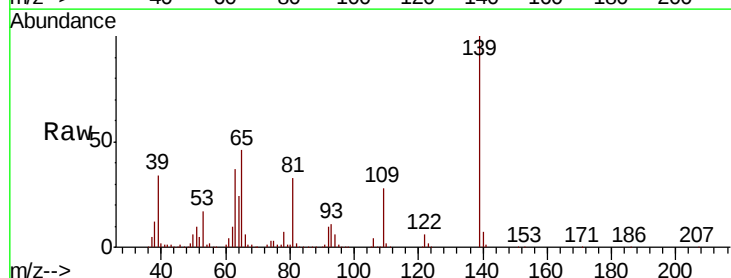
Tgt Ion: 139 Resp: 470168

Ion Ratio Lower Upper

139 100

109 28.2 23.1 34.7

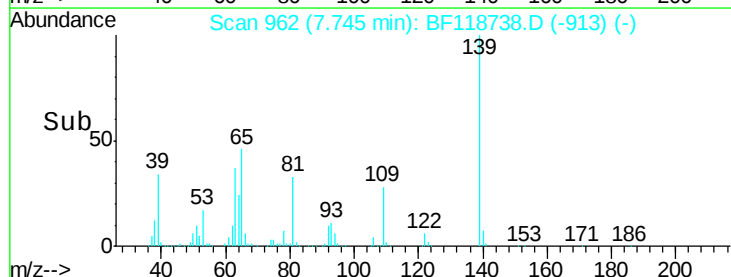
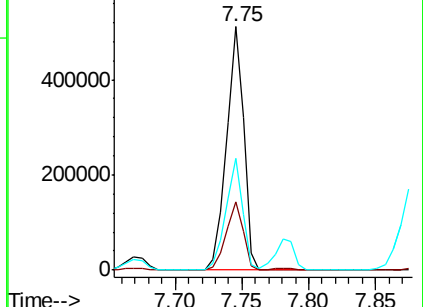
65 45.8 35.2 52.8

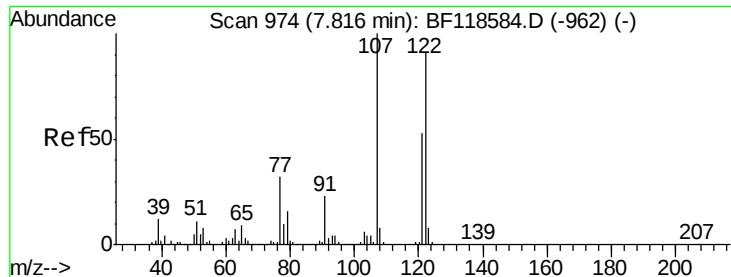


Abundance Ion 139.00 (138.70 to 139.70): BF1

Ion 109.00 (108.70 to 109.70): BF1

Ion 65.00 (64.70 to 65.70): BF1





#27

2,4-Dimethylphenol

Concen: 51.827 ng

RT: 7.79 min Scan# 969

Delta R.T. -0.01 min

Lab File: BF118738.D

Acq: 29 Jan 2020 18:22

Instrument :

BNA_F

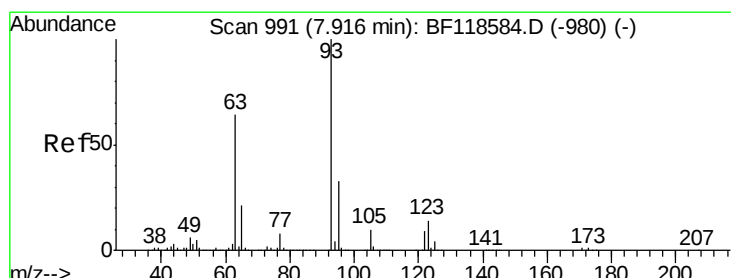
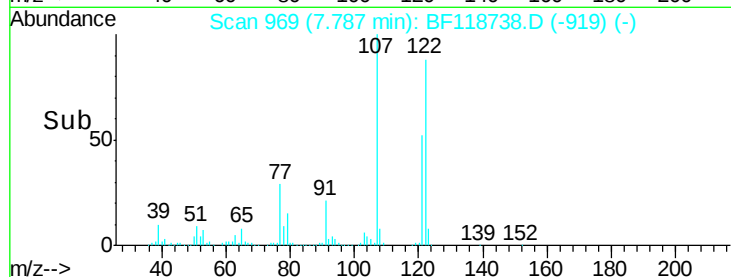
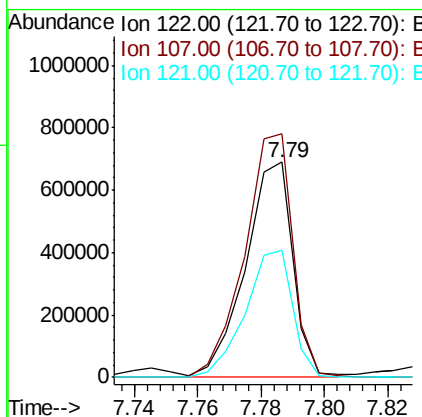
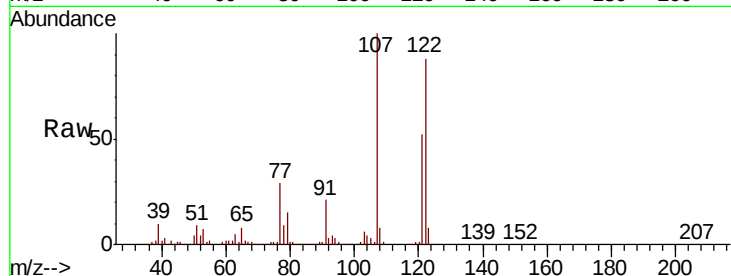
ClientSampleId :

PL-05-012820MS

Tot Ion:	122	Resp:	719231
Ion Ratio	Lower	Upper	
122	100		
107	113.3	91.8	137.8
121	59.4	46.8	70.2

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#28

bis(2-Chloroethoxy)methane

Concen: 45.086 ng

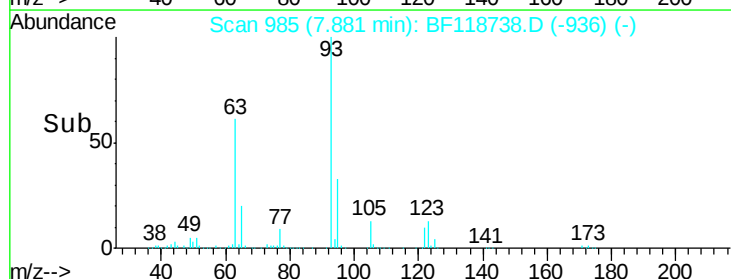
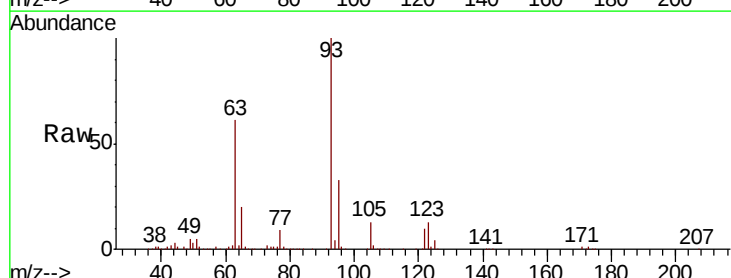
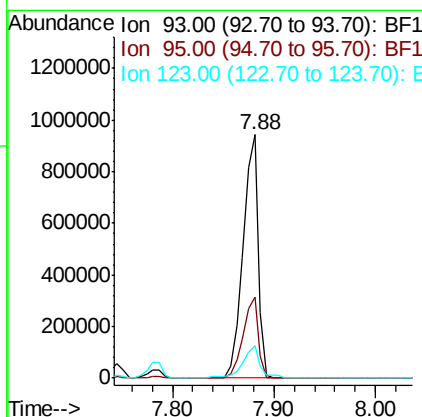
RT: 7.88 min Scan# 985

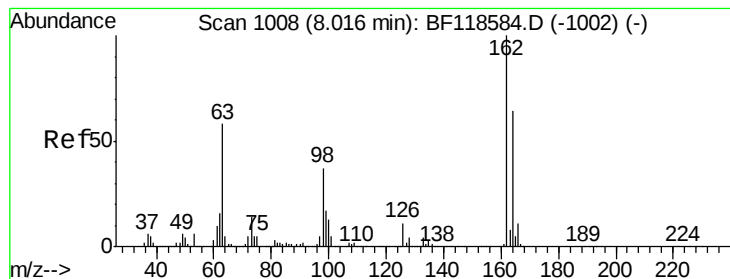
Delta R.T. -0.01 min

Lab File: BF118738.D

Acq: 29 Jan 2020 18:22

Tgt Ion:	93	Resp:	975225
Ion Ratio	Lower	Upper	
93	100		
95	33.3	26.8	40.2
123	13.3	10.7	16.1





#29

2,4-Dichlorophenol

Concen: 48.669 ng

RT: 7.99 min Scan# 1003

Delta R.T. -0.01 min

Lab File: BF118738.D

Acq: 29 Jan 2020 18:22

Instrument :

BNA_F

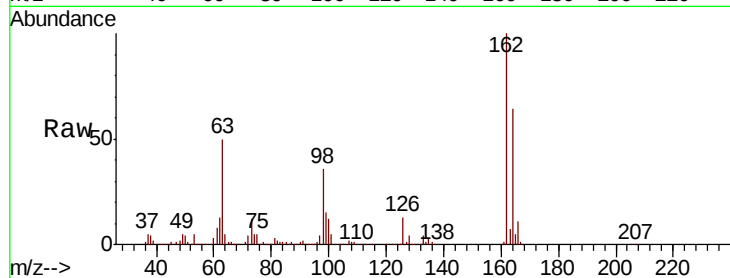
ClientSampleId :

PL-05-012820MS

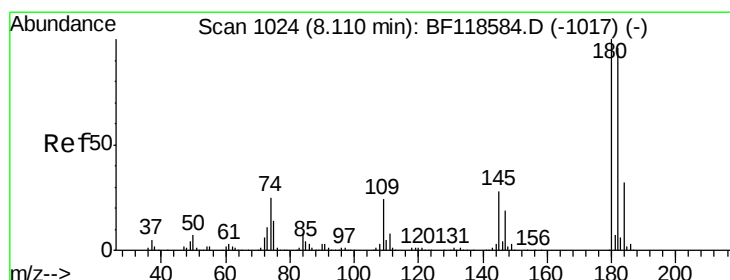
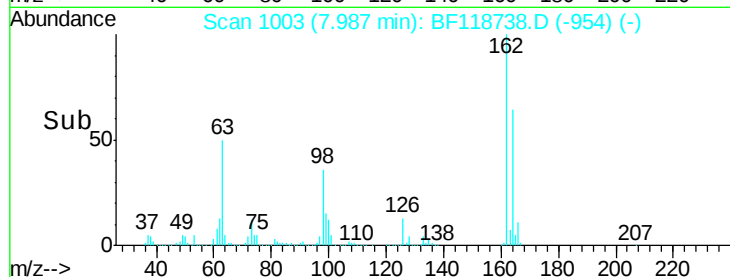
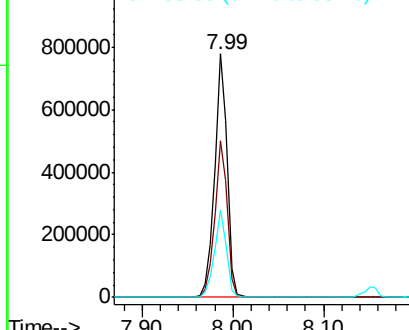
Tot Ion:	162	Resp:	746634
Ion Ratio	Lower	Upper	
162	100		
164	64.2	43.8	83.8
98	35.9	15.0	55.0

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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: 47.116 ng

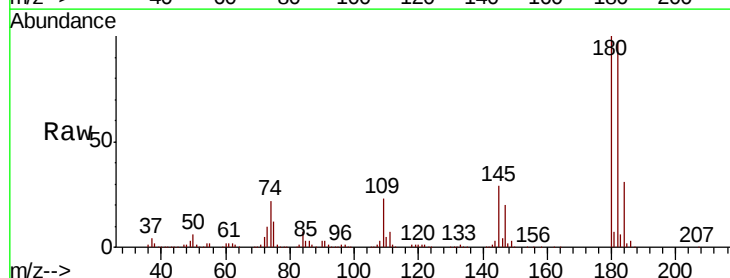
RT: 8.07 min Scan# 1018

Delta R.T. -0.01 min

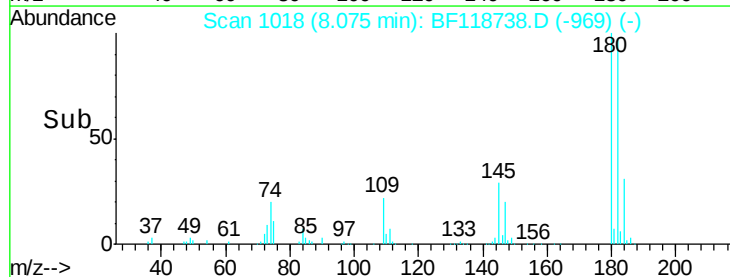
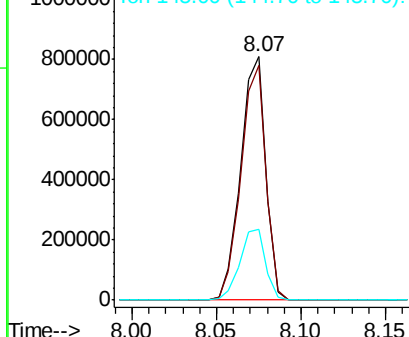
Lab File: BF118738.D

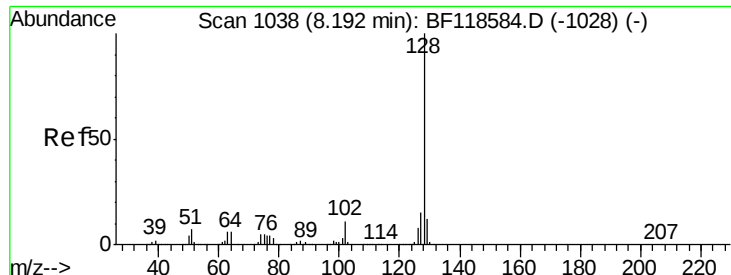
Acq: 29 Jan 2020 18:22

Tgt Ion:	180	Resp:	838073
Ion Ratio	Lower	Upper	
180	100		
182	96.6	77.0	115.4
145	28.9	23.5	35.3



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: 50.815 ng

RT: 8.15 min Scan# 1031

Delta R.T. -0.02 min

Lab File: BF118738.D

Acq: 29 Jan 2020 18:22

Instrument :

BNA_F

ClientSampleId :

PL-05-012820MS

Tot Ion:128 Resp: 2363133

Ion Ratio Lower Upper

128 100

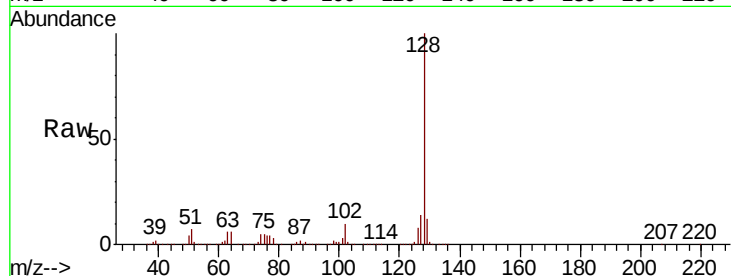
129 11.8 9.4 14.0

127 14.2 11.3 16.9

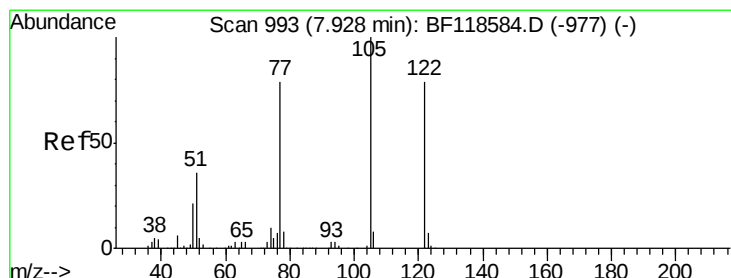
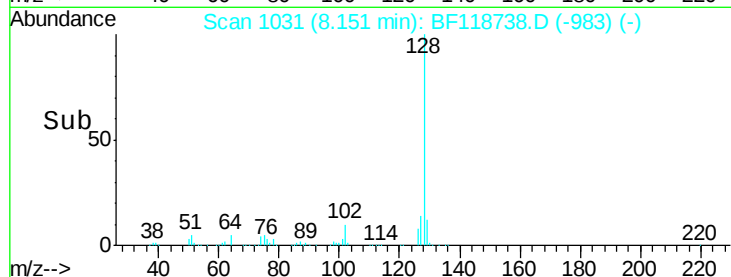
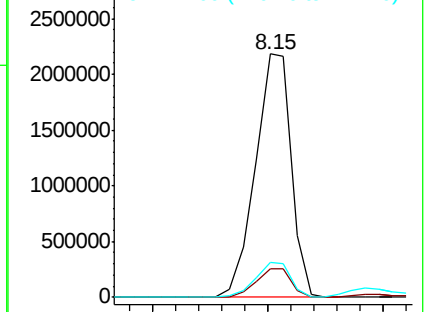
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Abundance Ion 128.00 (127.70 to 128.70): E
3000000
Ion 129.00 (128.70 to 129.70): E
Ion 127.00 (126.70 to 127.70): E



#32

Benzoic acid

Concen: 43.216 ng

RT: 7.90 min Scan# 989

Delta R.T. -0.01 min

Lab File: BF118738.D

Acq: 29 Jan 2020 18:22

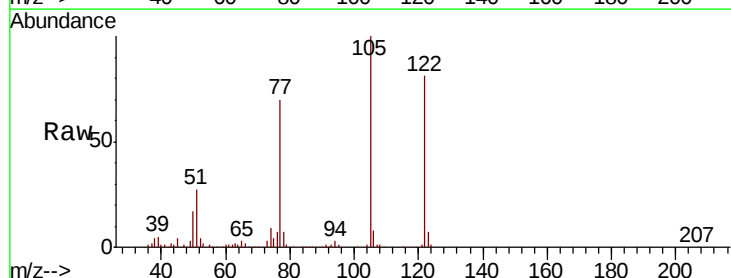
Tgt Ion:122 Resp: 450098

Ion Ratio Lower Upper

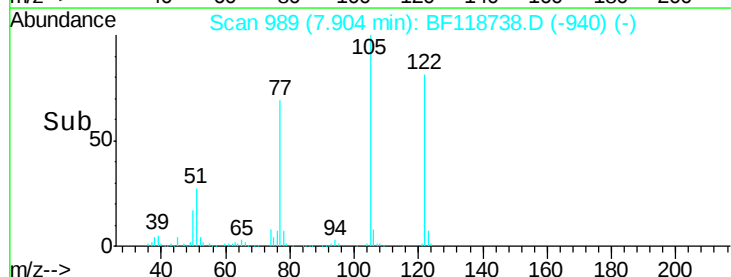
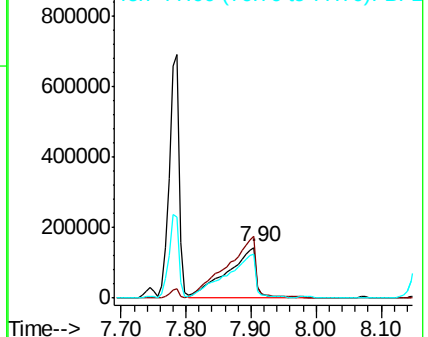
122 100

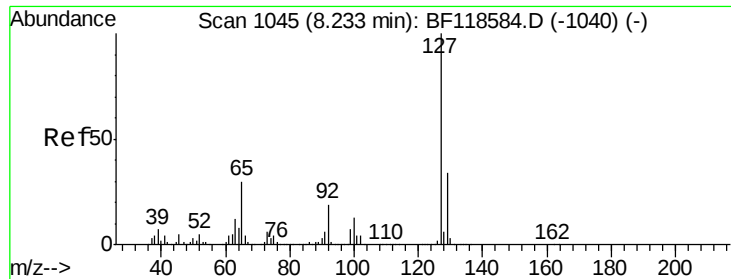
105 123.0 100.9 140.9

77 86.1 65.1 105.1



Abundance Ion 122.00 (121.70 to 122.70): E
800000
Ion 105.00 (104.70 to 105.70): E
Ion 77.00 (76.70 to 77.70): BF1





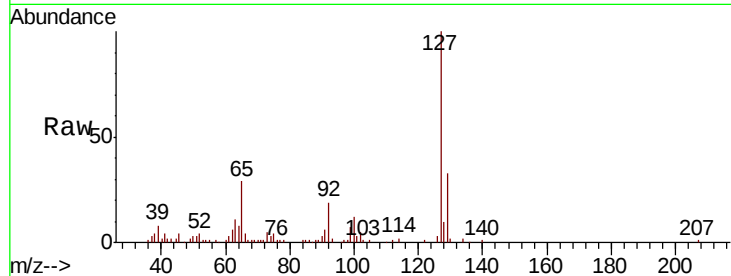
#33
4-Chloroaniline
Concen: 6.249 ng
RT: 8.19 min Scan# 1038
Delta R.T. -0.02 min
Lab File: BF118738.D
Acq: 29 Jan 2020 18:22

Instrument :
BNA_F
ClientSampleId :
PL-05-012820MS

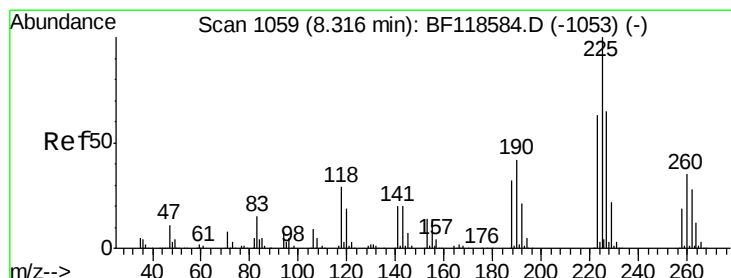
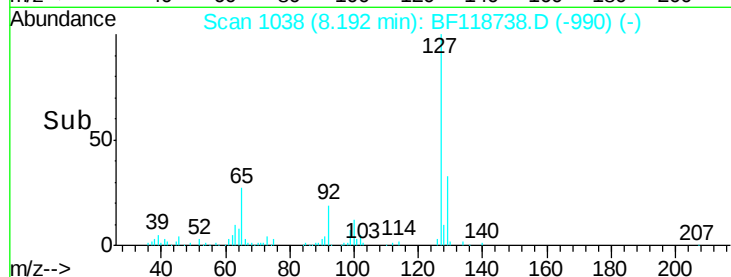
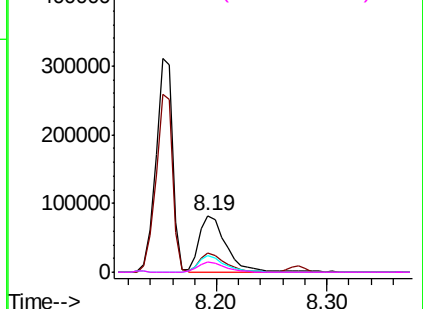
Tot Ion	Ion	Ratio	Resp	Lower	Upper
127	100				
129	33.4	26.4	39.6		
65	28.8	22.6	33.8		
92	18.7	15.3	22.9		

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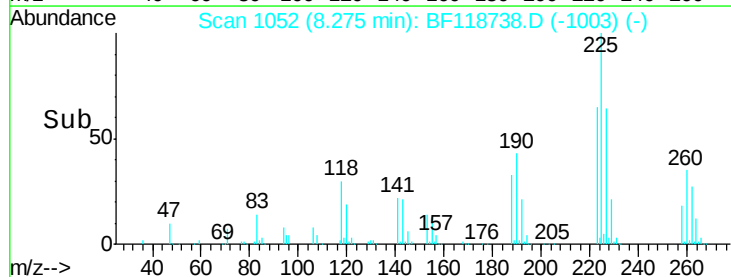
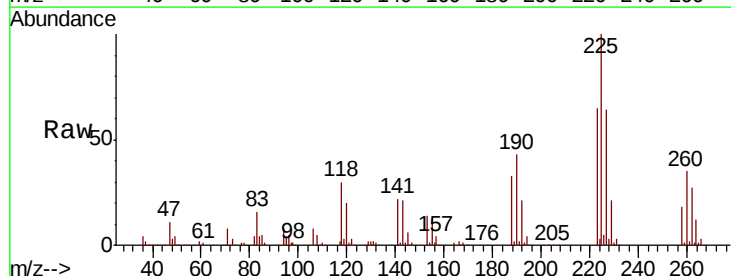
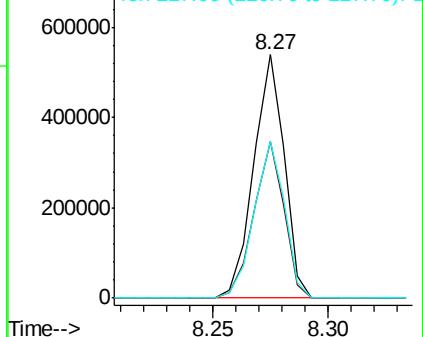
Abundance Ion 127.00 (126.70 to 127.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 65.00 (64.70 to 65.70): BF1
Ion 92.00 (91.70 to 92.70): BF1

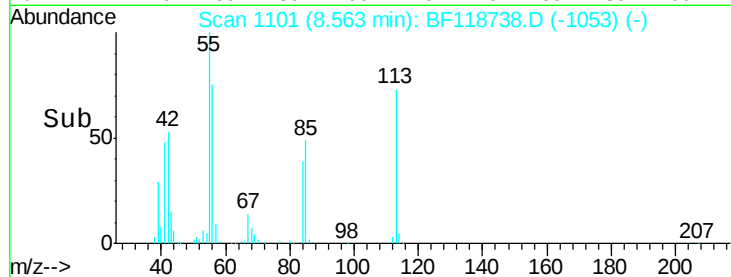
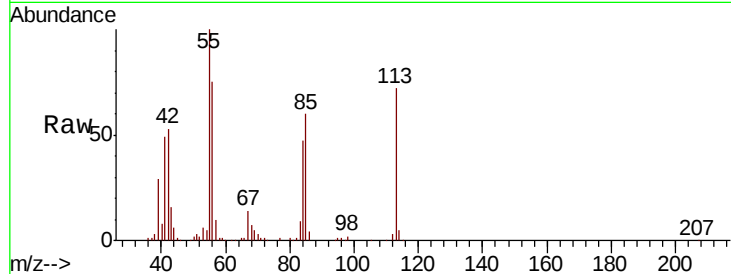
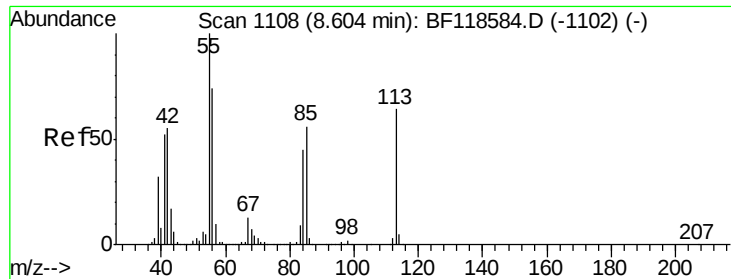


#34
Hexachlorobutadiene
Concen: 46.074 ng
RT: 8.27 min Scan# 1052
Delta R.T. -0.01 min
Lab File: BF118738.D
Acq: 29 Jan 2020 18:22

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
225	100				
223	64.5	50.3	75.5		
227	64.3	50.5	75.7		

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





#35

Caprolactam

Concen: 35.612 ng/mL

RT: 8.56 min Scan# 1101

Delta R.T. -0.02 min

Lab File: BF118738.D

Acq: 29 Jan 2020 18:22

Tot Ion:	113	Resp:	178786
Ion Ratio	Lower	Upper	
113	100		
55	138.2	119.0	159.0
56	104.0	85.4	125.4

Instrument :

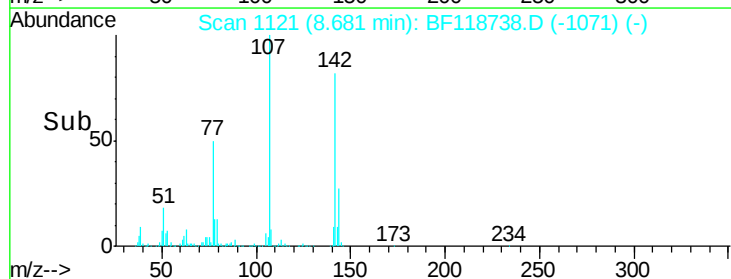
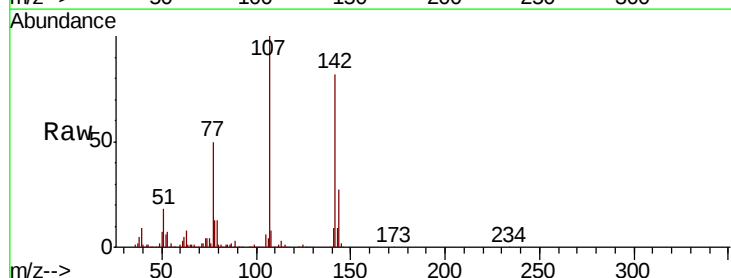
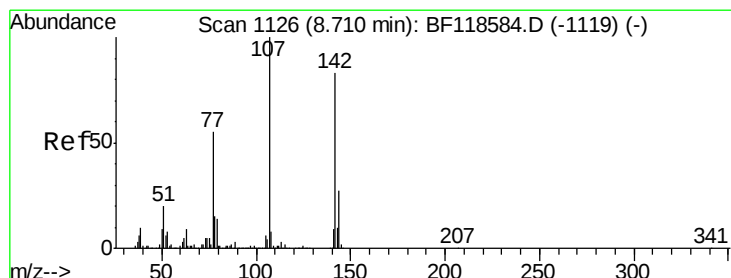
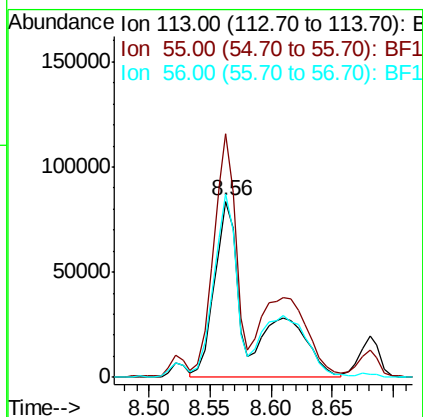
BNA_F

ClientSampleId :

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#36

4-Chloro-3-methylphenol

Concen: 48.511 ng/mL

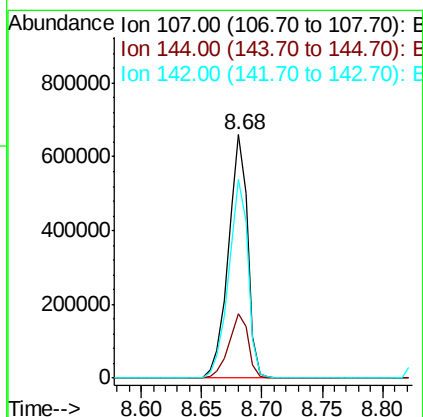
RT: 8.68 min Scan# 1121

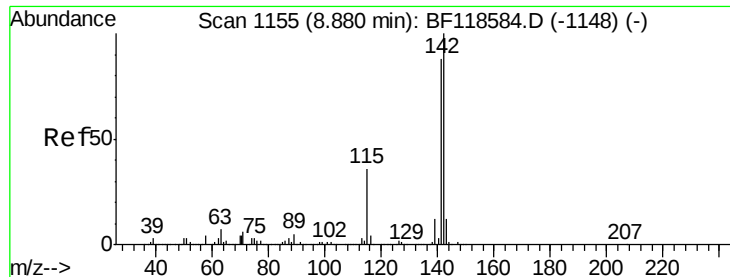
Delta R.T. -0.01 min

Lab File: BF118738.D

Acq: 29 Jan 2020 18:22

Tgt Ion:	107	Resp:	734905
Ion Ratio	Lower	Upper	
107	100		
144	26.7	20.9	31.3
142	81.8	64.5	96.7





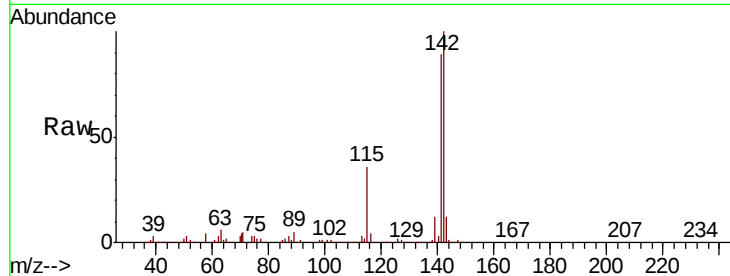
#37
2-Methylnaphthalene
Concen: 50.649 ng
RT: 8.85 min Scan# 1149
Delta R.T. -0.01 min
Lab File: BF118738.D
Acq: 29 Jan 2020 18:22

Instrument :
BNA_F
ClientSampleId :
PL-05-012820MS

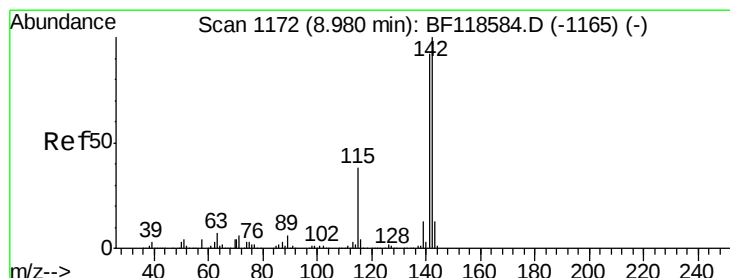
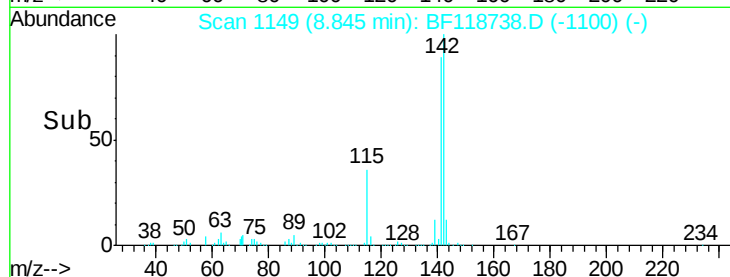
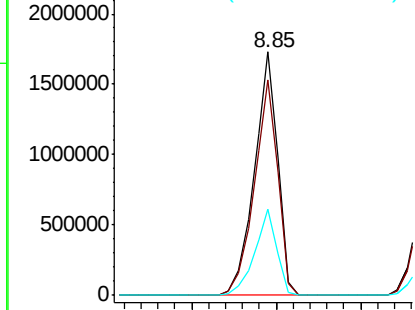
Tot Ion:142 Resp: 1662580
Ion Ratio Lower Upper
142 100
141 88.6 71.4 107.0
115 35.6 27.5 41.3

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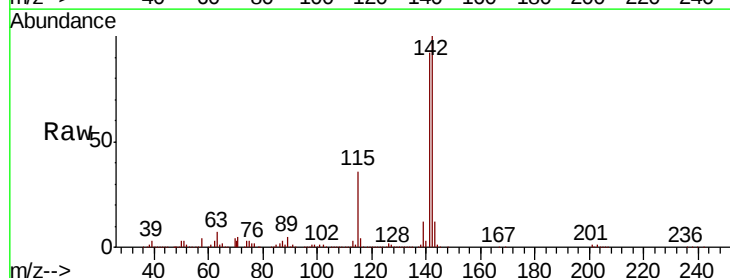


Abundance Ion 142.00 (141.70 to 142.70): E
Ion 141.00 (140.70 to 141.70): E
Ion 115.00 (114.70 to 115.70): E

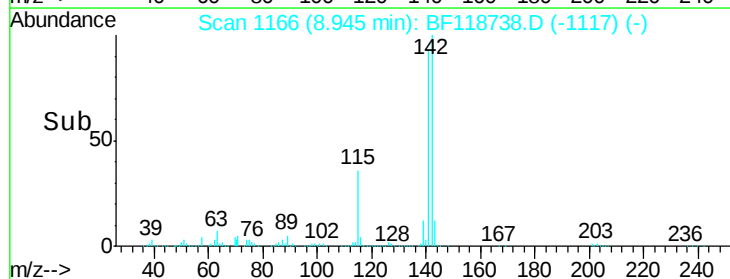
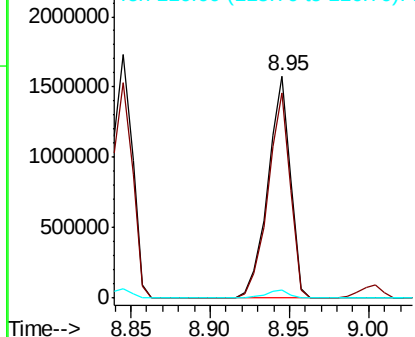


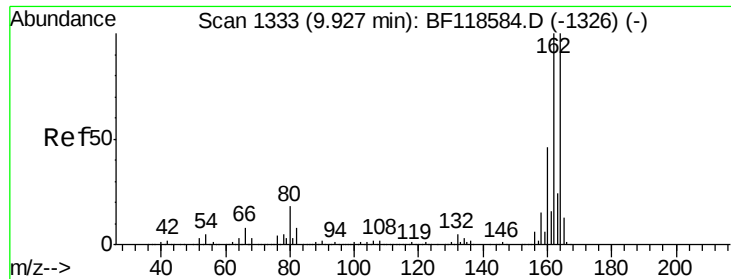
#38
1-Methylnaphthalene
Concen: 49.992 ng
RT: 8.95 min Scan# 1166
Delta R.T. -0.01 min
Lab File: BF118738.D
Acq: 29 Jan 2020 18:22

Tgt Ion:142 Resp: 1559034
Ion Ratio Lower Upper
142 100
141 92.2 73.5 110.3
116 3.8 3.0 4.6



Abundance Ion 142.00 (141.70 to 142.70): E
Ion 141.00 (140.70 to 141.70): E
Ion 116.00 (115.70 to 116.70): E





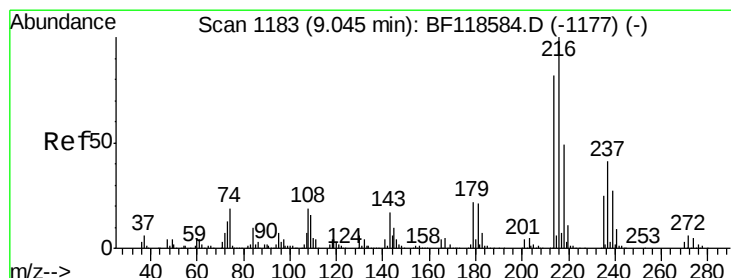
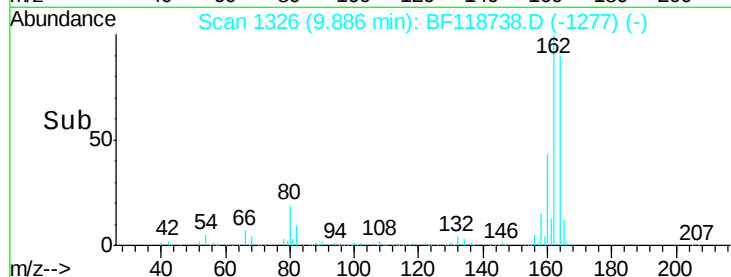
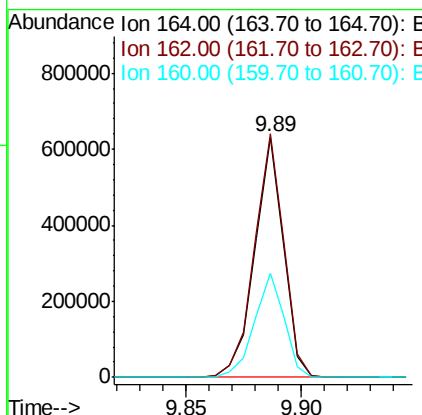
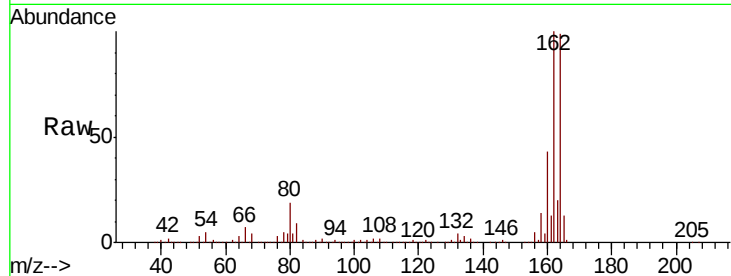
#39
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.89 min Scan# 1326
 Delta R.T. -0.01 min
 Lab File: BF118738.D
 Acq: 29 Jan 2020 18:22

Instrument :
 BNA_F
 ClientSampleId :
 PL-05-012820MS

Tot Ion	Ratio	Resp	Lower	Upper
164	100			
162	101.4	80.8	121.2	
160	43.5	35.4	53.0	

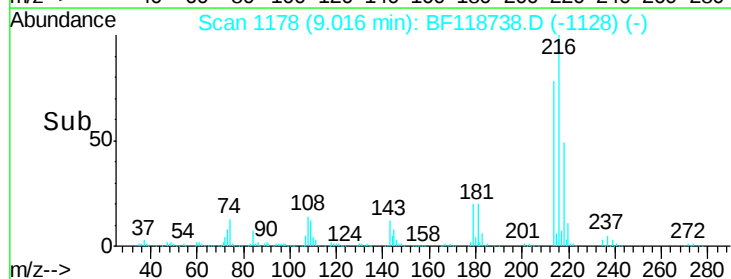
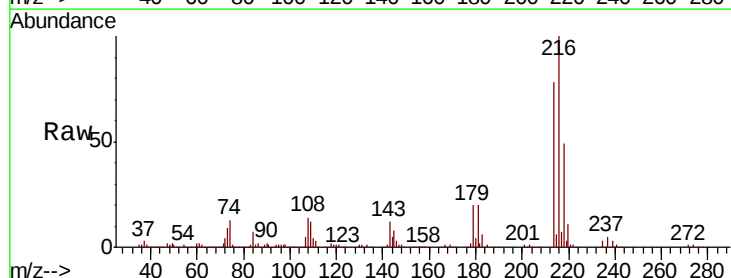
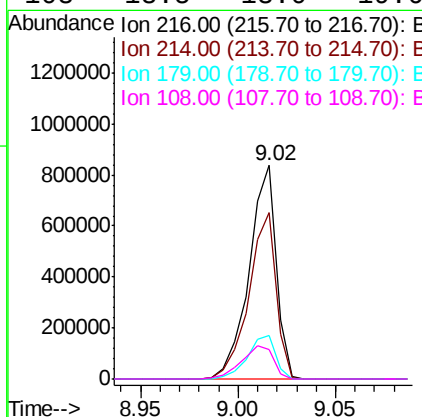
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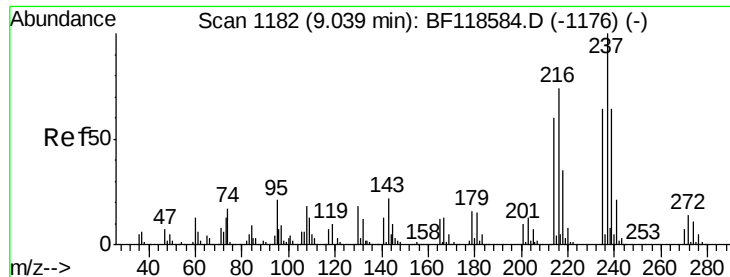
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#40
 1,2,4,5-Tetrachlorobenzene
 Concen: 46.744 ng
 RT: 9.02 min Scan# 1178
 Delta R.T. -0.01 min
 Lab File: BF118738.D
 Acq: 29 Jan 2020 18:22

Tgt Ion	Ratio	Resp	Lower	Upper
216	100			
214	78.5	63.4	95.2	
179	21.1	17.0	25.4	
108	18.5	13.0	19.6	





#41

Hexachlorocyclopentadiene

Concen: 92.141 ng

RT: 9.00 min Scan# 1176

Delta R.T. -0.01 min

Lab File: BF118738.D

Acq: 29 Jan 2020 18:22

Instrument :

BNA_F

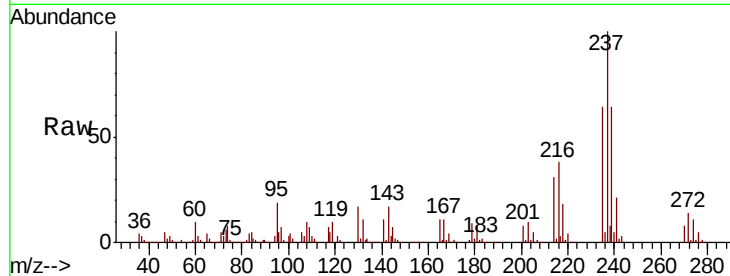
ClientSampleId :

PL-05-012820MS

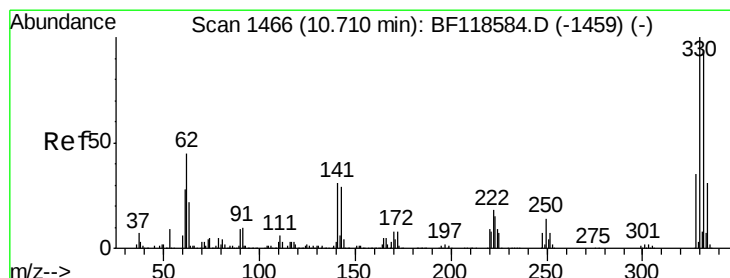
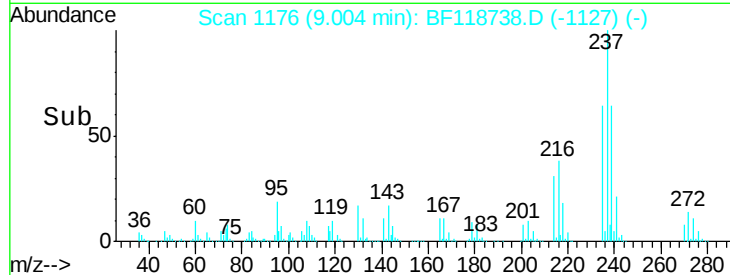
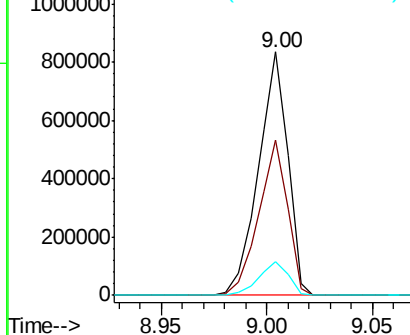
Tot Ion:	237	Resp:	802663
Ion Ratio	Lower	Upper	
237	100		
235	63.8	42.7	82.7
272	13.9	0.0	34.4

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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: 134.560 ng

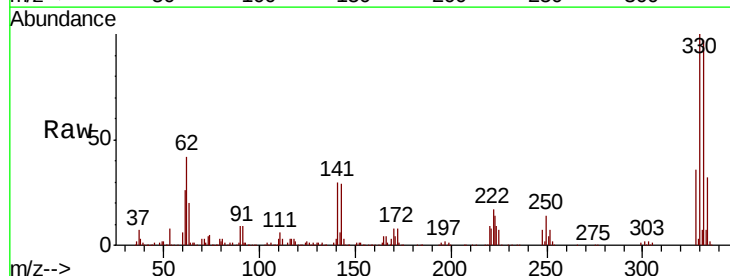
RT: 10.67 min Scan# 1460

Delta R.T. -0.01 min

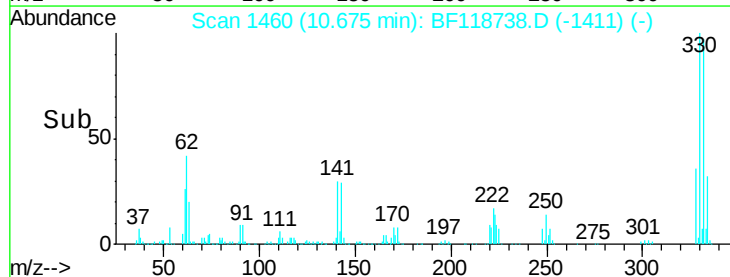
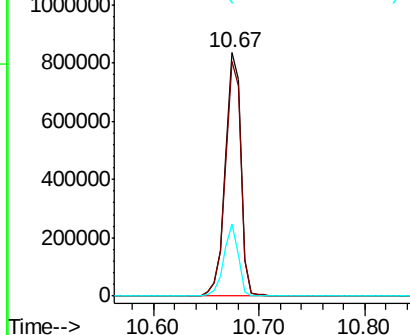
Lab File: BF118738.D

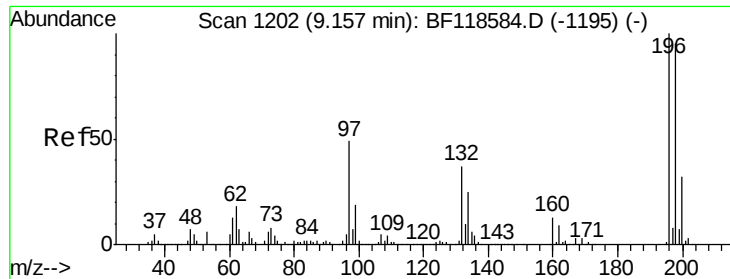
Acq: 29 Jan 2020 18:22

Tgt Ion:	330	Resp:	858821
Ion Ratio	Lower	Upper	
330	100		
332	96.6	77.6	116.4
141	27.8	22.2	33.2



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





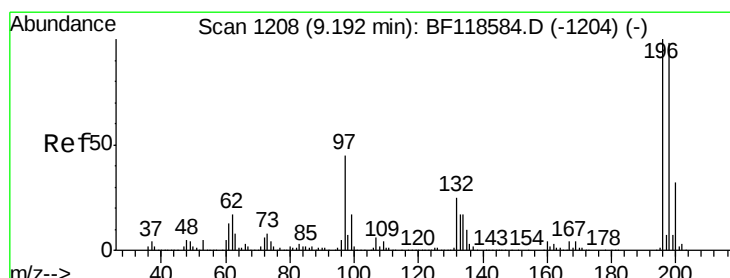
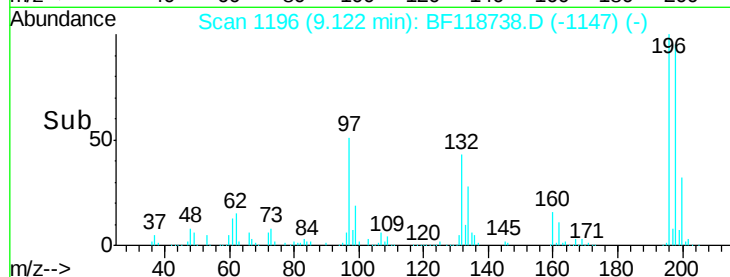
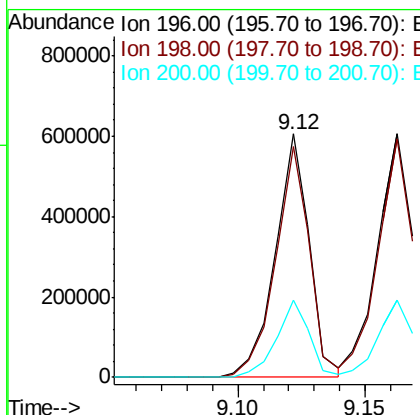
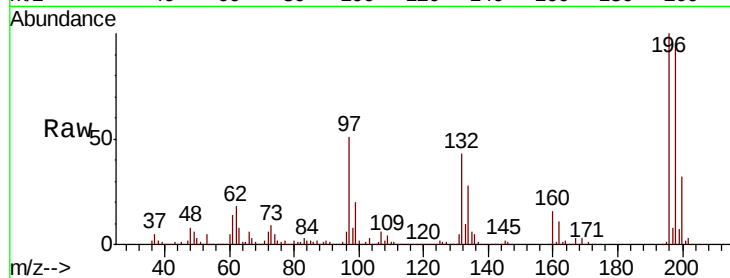
#43
 2,4,6-Trichlorophenol
 Concen: 49.404 ng
 RT: 9.12 min Scan# 1196
 Delta R.T. -0.01 min
 Lab File: BF118738.D
 Acq: 29 Jan 2020 18:22

Instrument :
 BNA_F
 ClientSampleId :
 PL-05-012820MS

Tot Ion:	196	Resp:	566035
Ion Ratio	Lower	Upper	
196	100		
198	95.0	76.4	114.6
200	31.6	25.4	38.2

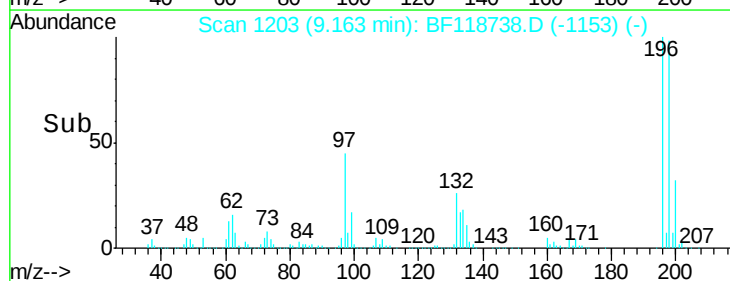
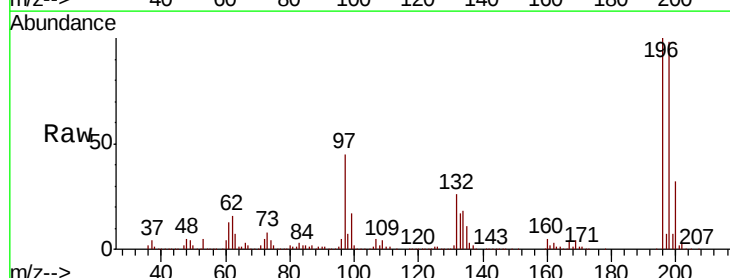
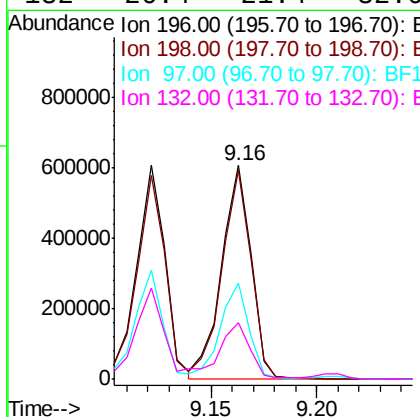
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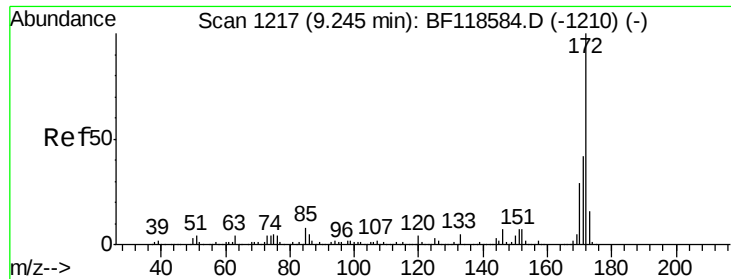
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#44
 2,4,5-Trichlorophenol
 Concen: 49.802 ng
 RT: 9.16 min Scan# 1203
 Delta R.T. -0.01 min
 Lab File: BF118738.D
 Acq: 29 Jan 2020 18:22

Tgt Ion:	196	Resp:	582749
Ion Ratio	Lower	Upper	
196	100		
198	98.1	76.2	114.4
97	45.1	35.7	53.5
132	26.4	21.4	32.0





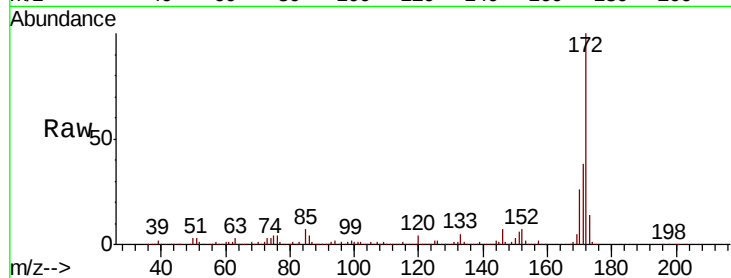
#45
2-Fluorobiphenyl
Concen: 91.711 ng
RT: 9.21 min Scan# 1211
Delta R.T. -0.01 min
Lab File: BF118738.D
Acq: 29 Jan 2020 18:22

Instrument :
BNA_F
ClientSampleId :
PL-05-012820MS

Tot Ion	Ratio	Lower	Upper
172	100		
171	38.2	31.0	46.4
170	25.6	20.7	31.1

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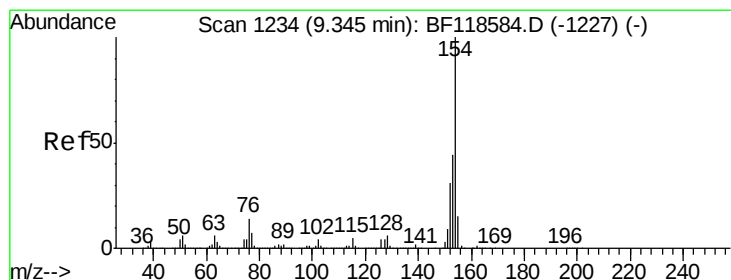
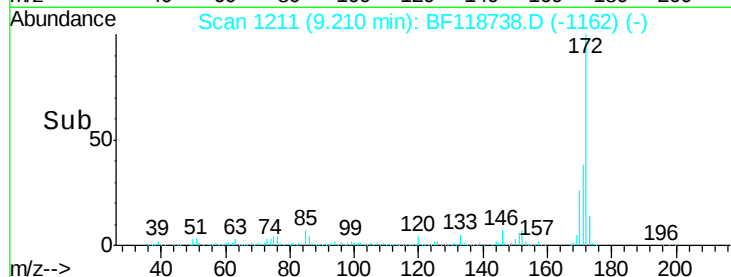
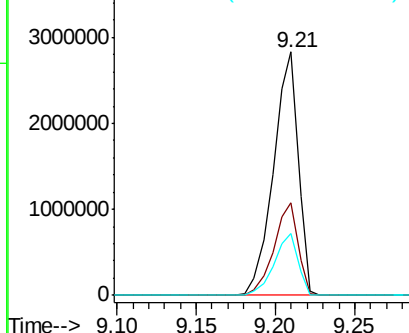


Abundance

Ion 172.00 (171.70 to 172.70): E

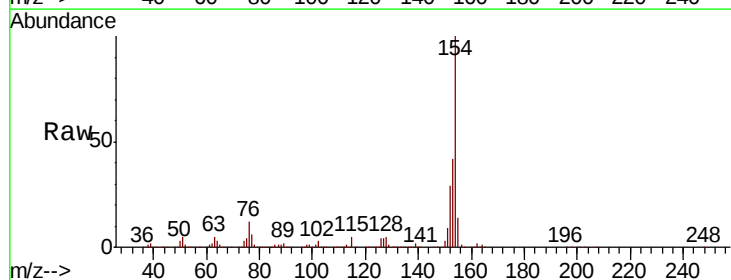
Ion 171.00 (170.70 to 171.70): E

Ion 170.00 (169.70 to 170.70): E



#46
1,1'-Biphenyl
Concen: 51.592 ng
RT: 9.31 min Scan# 1228
Delta R.T. -0.01 min
Lab File: BF118738.D
Acq: 29 Jan 2020 18:22

Tgt Ion	Ratio	Lower	Upper
154	100		
153	42.4	22.3	62.3
76	12.5	0.0	32.0

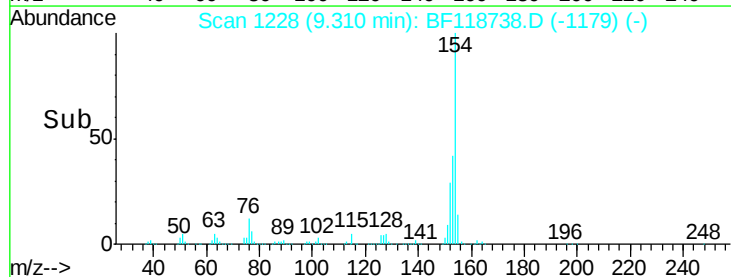
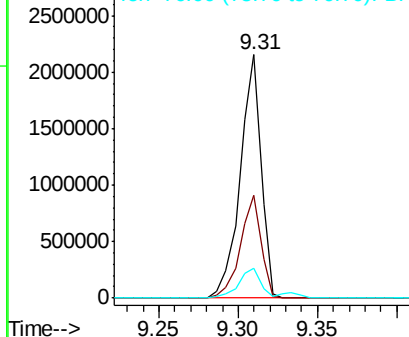


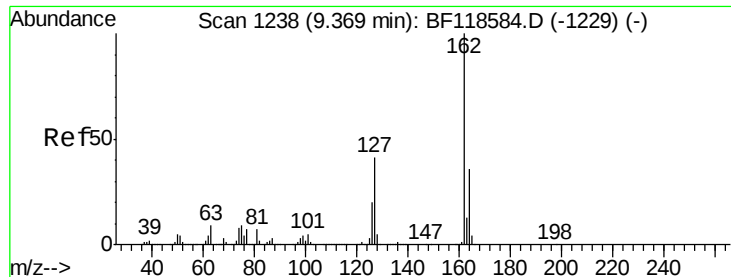
Abundance

Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 76.00 (75.70 to 76.70): BF1





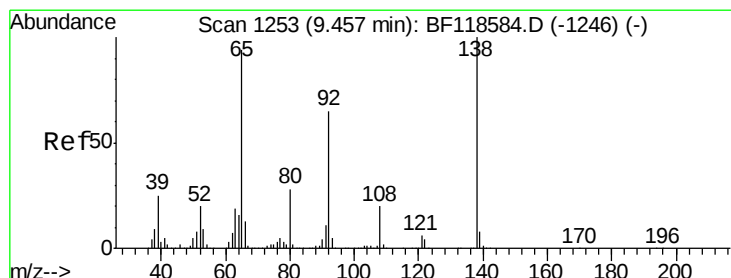
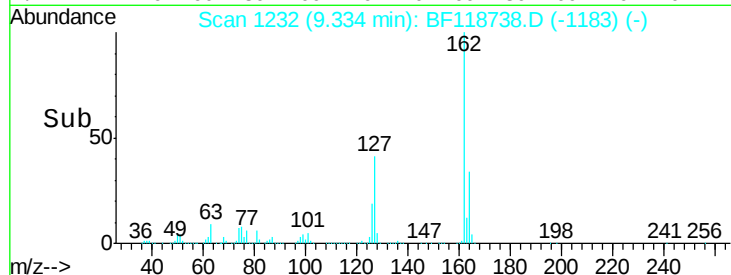
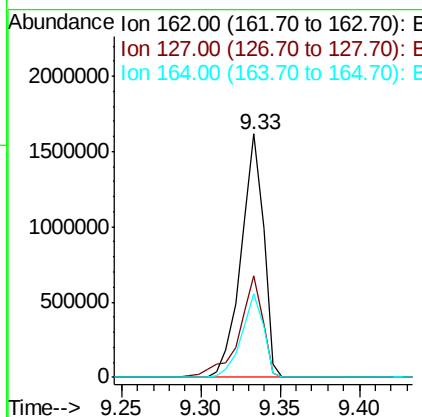
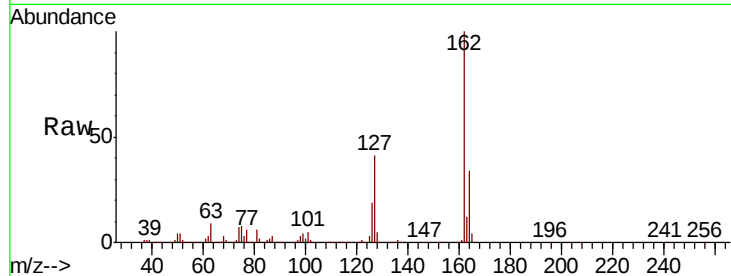
#47
2-Chloronaphthalene
Concen: 49.357 ng
RT: 9.33 min Scan# 1232
Delta R.T. -0.01 min
Lab File: BF118738.D
Acq: 29 Jan 2020 18:22

Instrument :
BNA_F
ClientSampleId :
PL-05-012820MS

Tot Ion	Ratio	Lower	Upper
162	100		
127	41.5	32.9	49.3
164	34.1	27.5	41.3

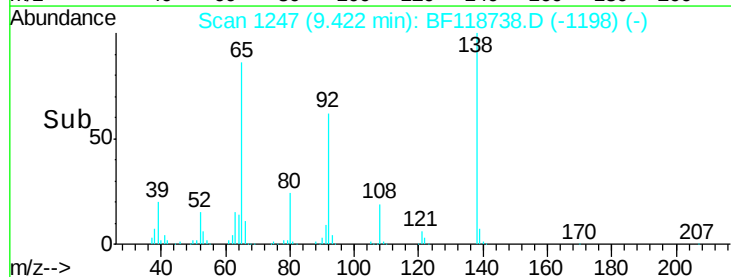
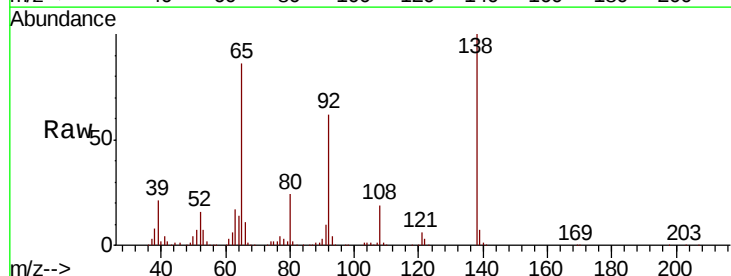
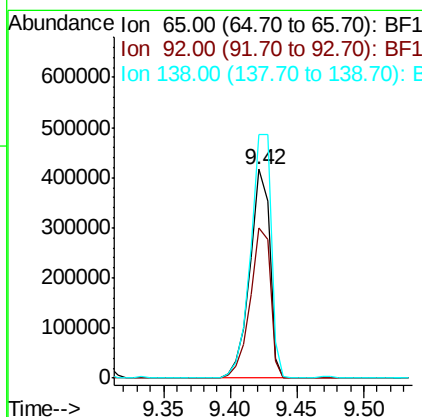
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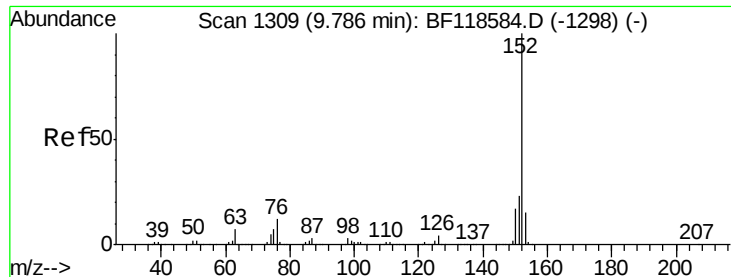
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#48
2-Nitroaniline
Concen: 42.962 ng
RT: 9.42 min Scan# 1247
Delta R.T. -0.01 min
Lab File: BF118738.D
Acq: 29 Jan 2020 18:22

Tgt Ion	Ratio	Lower	Upper
65	100		
92	72.2	57.8	86.6
138	116.7	95.1	142.7





#49

Acenaphthylene

Concen: 53.204 ng

RT: 9.75 min Scan# 1303

Delta R.T. -0.01 min

Lab File: BF118738.D

Acq: 29 Jan 2020 18:22

Instrument :

BNA_F

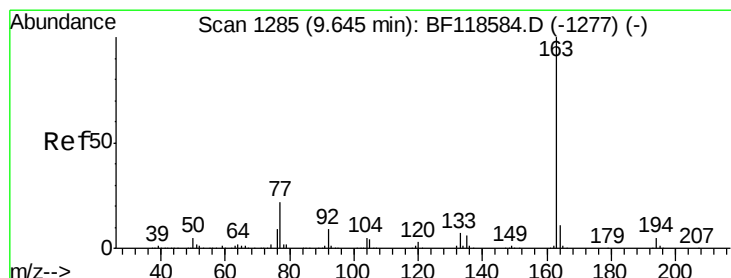
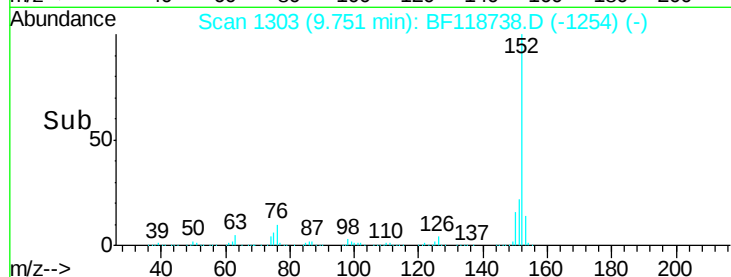
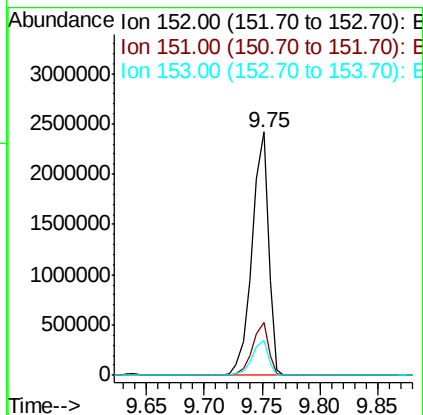
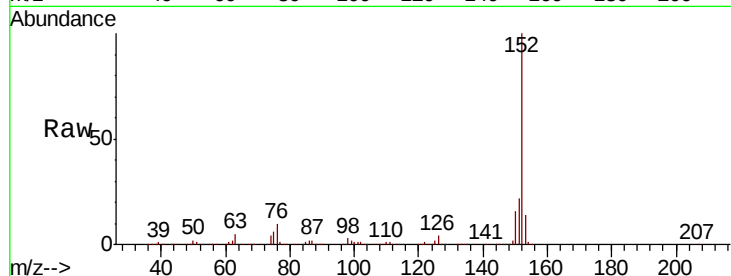
ClientSampleId :

PL-05-012820MS

Tot Ion:	152	Resp:	2399267
Ion	Ratio	Lower	Upper
152	100		
151	21.7	17.1	25.7
153	14.1	11.0	16.4

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#50

Dimethylphthalate

Concen: 53.602 ng

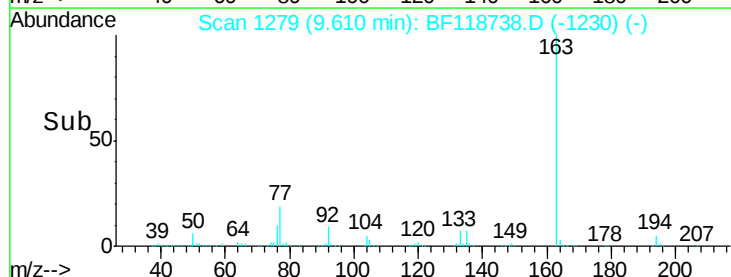
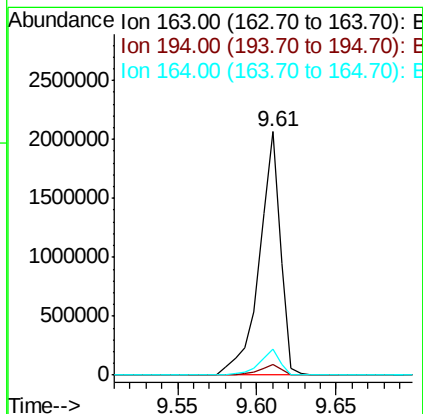
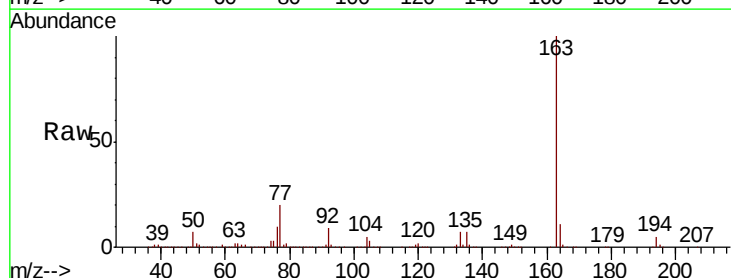
RT: 9.61 min Scan# 1279

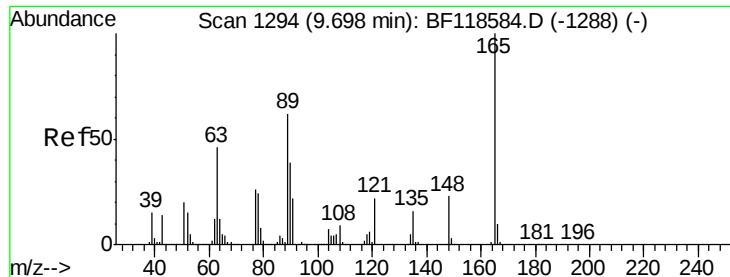
Delta R.T. -0.01 min

Lab File: BF118738.D

Acq: 29 Jan 2020 18:22

Tgt Ion:	163	Resp:	1927059
Ion	Ratio	Lower	Upper
163	100		
194	4.6	3.7	5.5
164	10.8	8.2	12.2





#51

2,6-Dinitrotoluene

Concen: 53.384 ng

RT: 9.67 min Scan# 1289

Delta R.T. -0.01 min

Lab File: BF118738.D

Acq: 29 Jan 2020 18:22

Instrument :

BNA_F

ClientSampleId :

PL-05-012820MS

Tot Ion:165 Resp: 429772

Ion Ratio Lower Upper

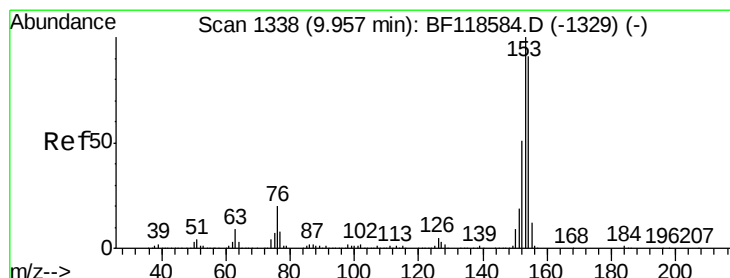
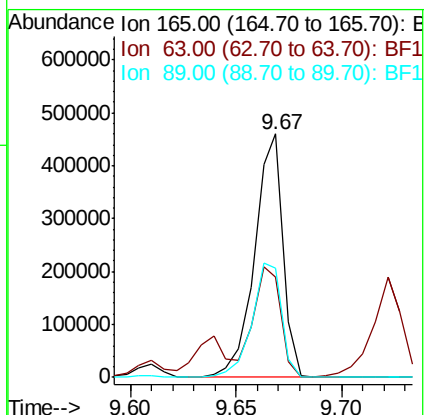
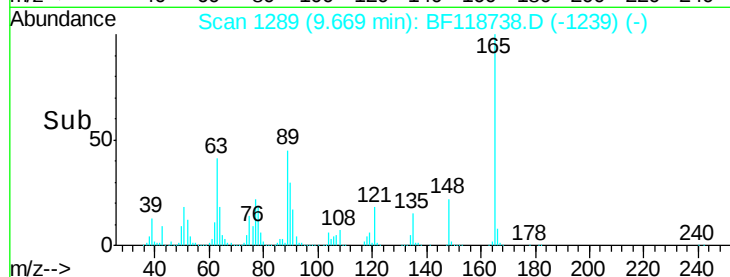
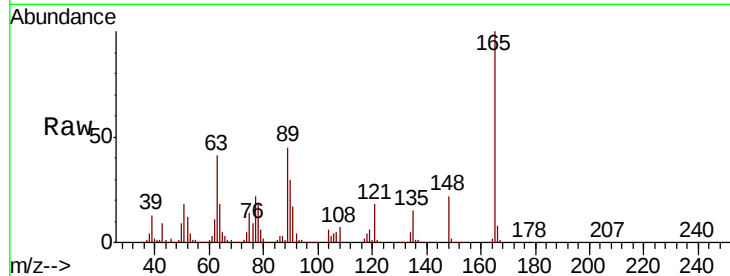
165 100

63 41.2 39.8 59.6

89 45.1 41.4 62.2

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#52

Acenaphthene

Concen: 53.258 ng

RT: 9.92 min Scan# 1332

Delta R.T. -0.01 min

Lab File: BF118738.D

Acq: 29 Jan 2020 18:22

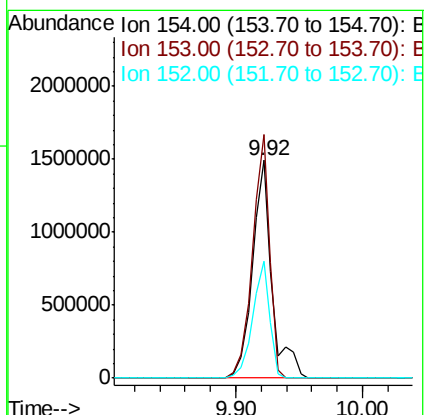
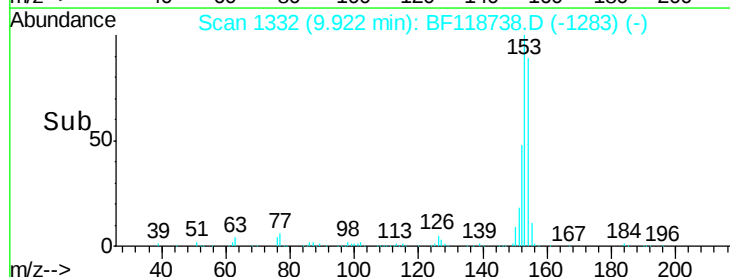
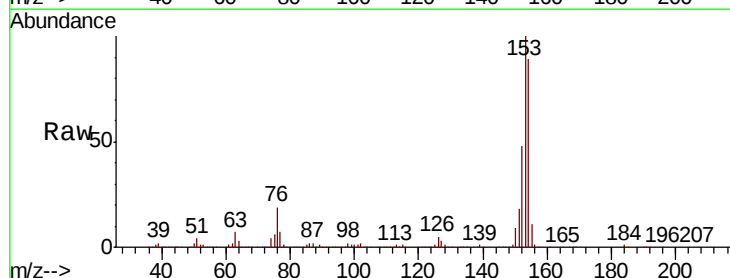
Tgt Ion:154 Resp: 1605954

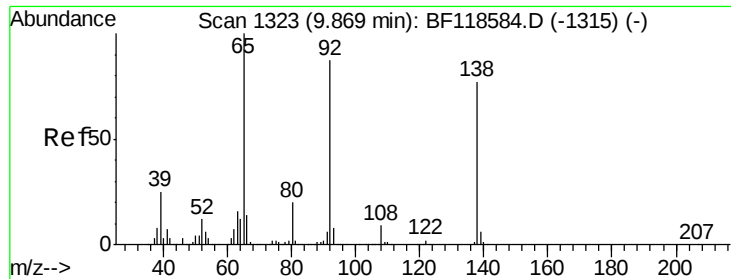
Ion Ratio Lower Upper

154 100

153 111.8 89.1 133.7

152 53.9 43.0 64.6





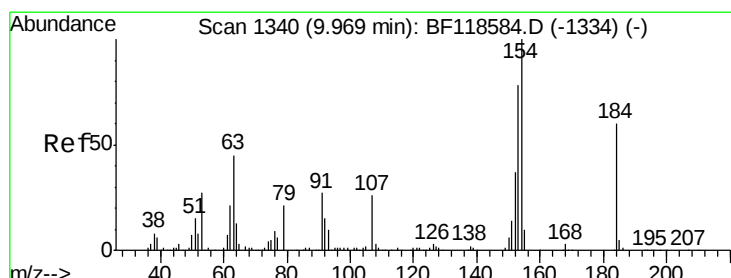
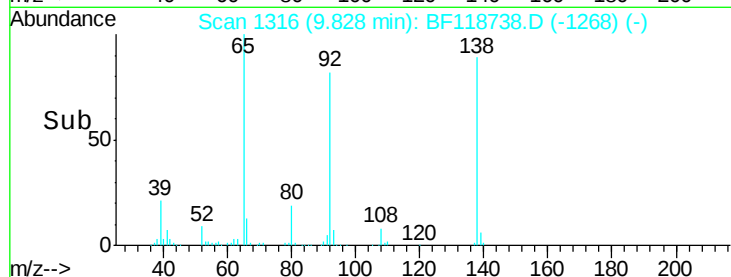
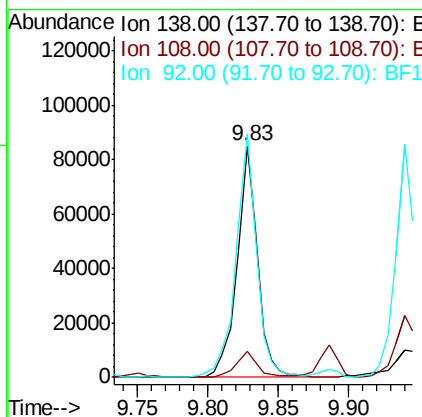
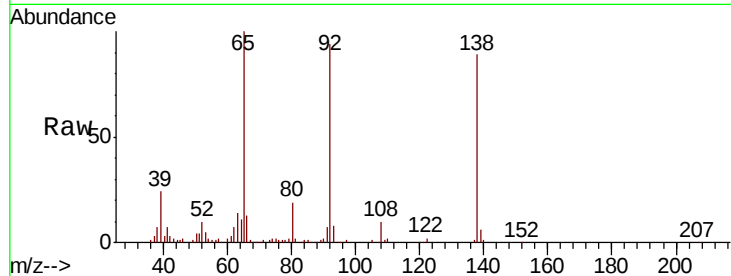
#53
3-Nitroaniline
Concen: 9.378 ng
RT: 9.83 min Scan# 1316
Delta R.T. -0.02 min
Lab File: BF118738.D
Acq: 29 Jan 2020 18:22

Instrument :
BNA_F
ClientSampleId :
PL-05-012820MS

Tot Ion	Ratio	Lower	Upper
138	100		
108	11.2	8.8	13.2
92	105.4	87.8	131.6

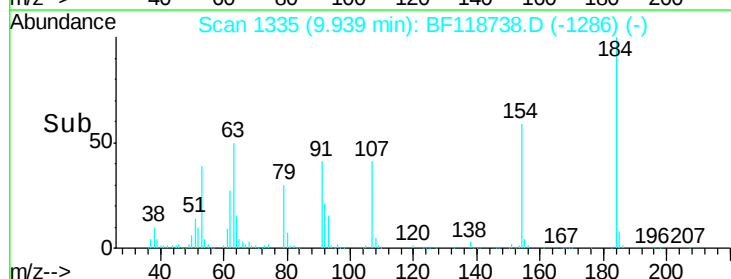
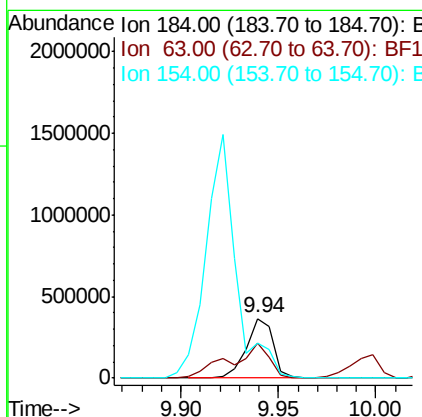
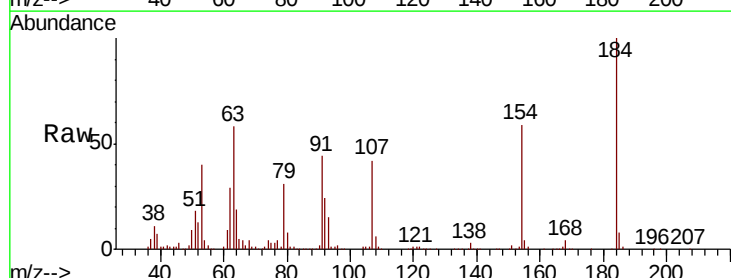
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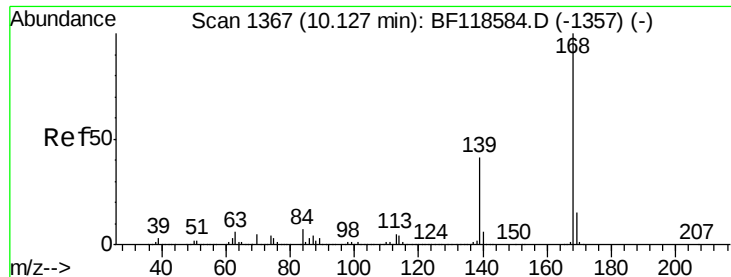
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#54
2,4-Dinitrophenol
Concen: 110.032 ng
RT: 9.94 min Scan# 1335
Delta R.T. -0.01 min
Lab File: BF118738.D
Acq: 29 Jan 2020 18:22

Tgt Ion	Ratio	Lower	Upper
184	100		
63	58.5	36.0	54.0#
154	58.9	44.6	66.8





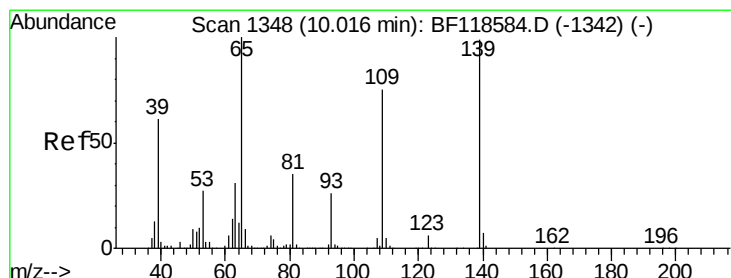
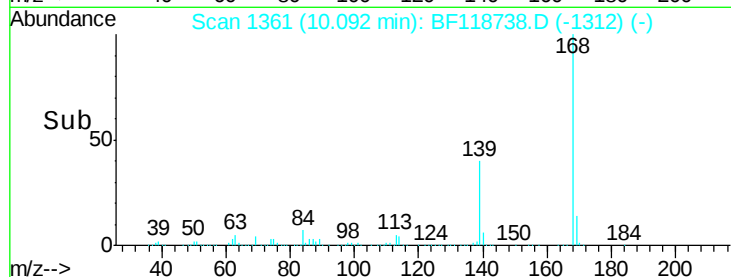
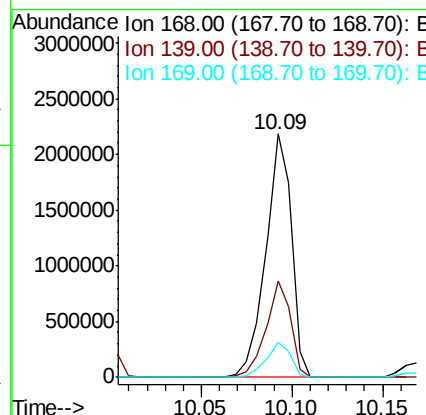
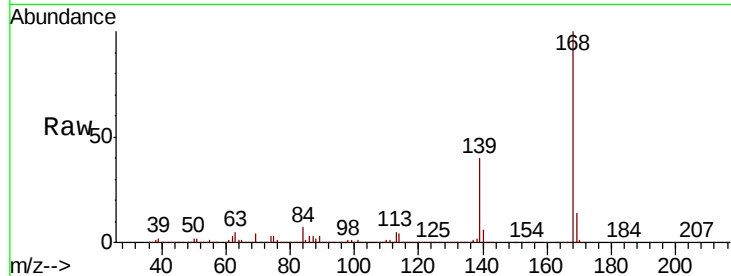
#55
Dibenzofuran
Concen: 51.702 ng
RT: 10.09 min Scan# 1361
Delta R.T. -0.01 min
Lab File: BF118738.D
Acq: 29 Jan 2020 18:22

Instrument :
BNA_F
ClientSampleId :
PL-05-012820MS

Tot Ion	Ratio	Lower	Upper
168	100		
139	39.7	31.6	47.4
169	14.3	11.4	17.0

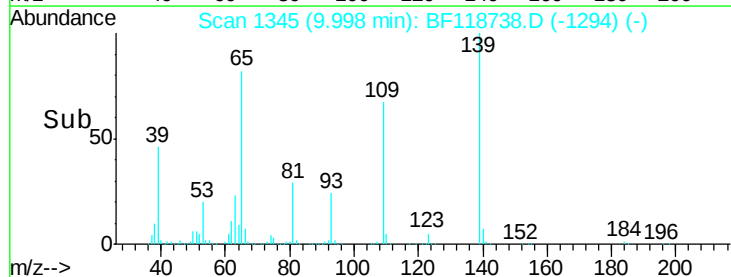
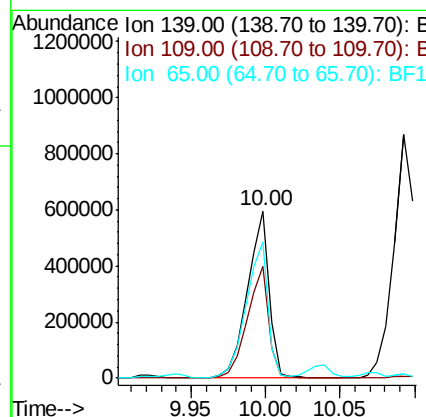
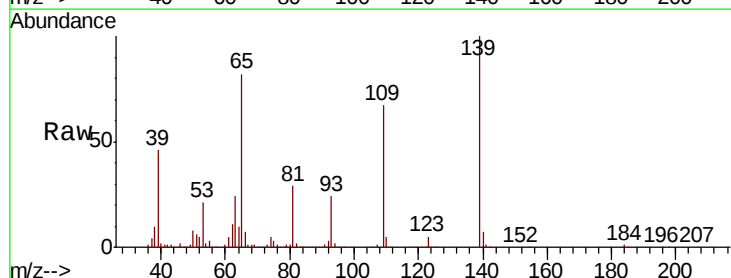
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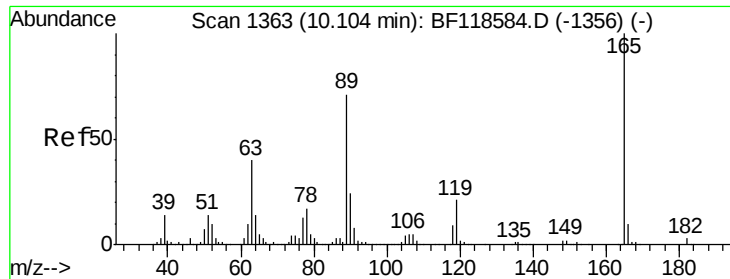
mohammad
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#56
4-Nitrophenol
Concen: 86.157 ng
RT: 10.00 min Scan# 1345
Delta R.T. -0.00 min
Lab File: BF118738.D
Acq: 29 Jan 2020 18:22

Tgt Ion	Ratio	Lower	Upper
139	100		
109	67.3	47.0	87.0
65	81.9	65.7	105.7





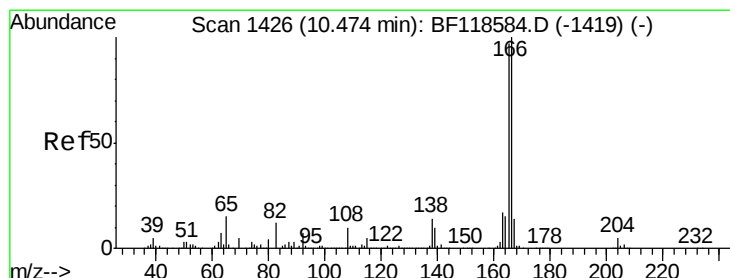
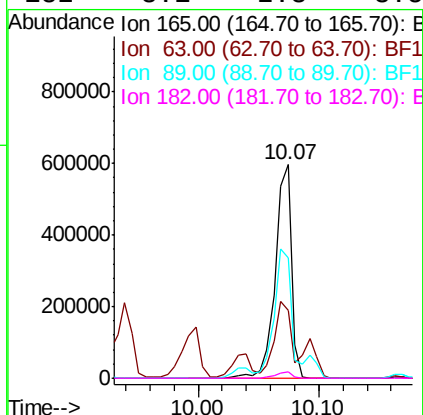
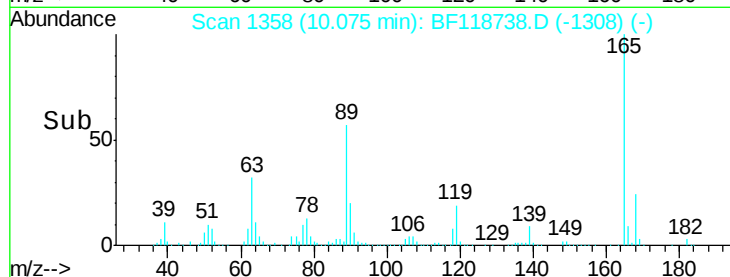
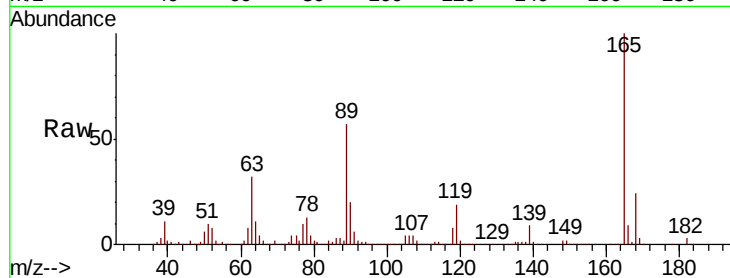
#57
2,4-Dinitrotoluene
Concen: 55.551 ng
RT: 10.07 min Scan# 1358
Delta R.T. -0.01 min
Lab File: BF118738.D
Acq: 29 Jan 2020 18:22

Instrument :
BNA_F
ClientSampleId :
PL-05-012820MS

Tot Ion	Ion	Ratio	Resp	Lower	Upper
165	100		563777		
63	32.1	28.5	42.7		
89	56.6	50.4	75.6		
182	3.1	2.3	3.5		

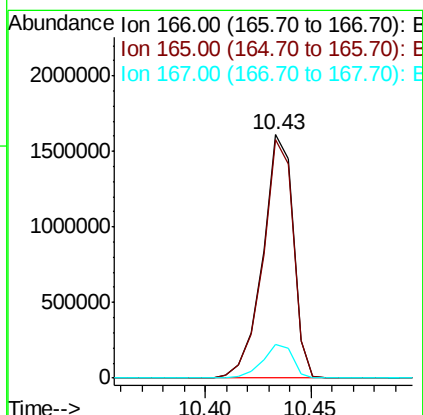
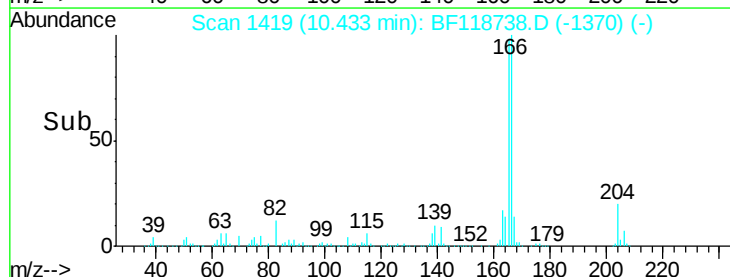
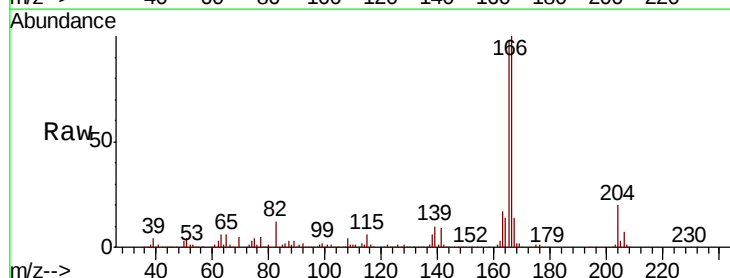
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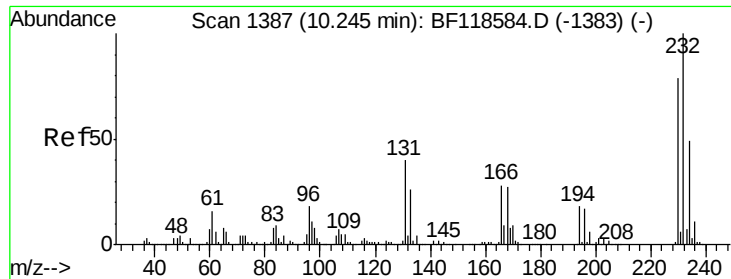
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#58
Fluorene
Concen: 49.176 ng
RT: 10.43 min Scan# 1419
Delta R.T. -0.01 min
Lab File: BF118738.D
Acq: 29 Jan 2020 18:22

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
166	100		1613252		
165	98.2	78.6	118.0		
167	14.0	11.4	17.2		





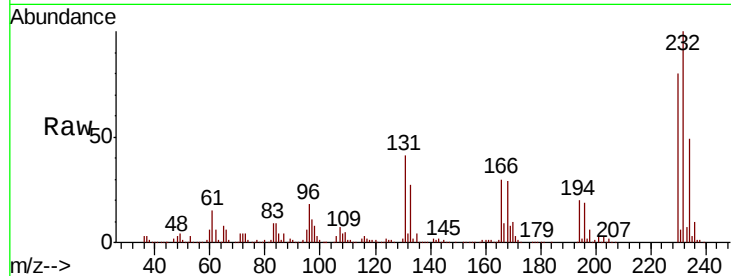
#59
 2,3,4,6-Tetrachlorophenol
 Concen: 48.593 ng
 RT: 10.21 min Scan# 1381
 Delta R.T. -0.01 min
 Lab File: BF118738.D
 Acq: 29 Jan 2020 18:22

Instrument :
 BNA_F
 ClientSampleId :
 PL-05-012820MS

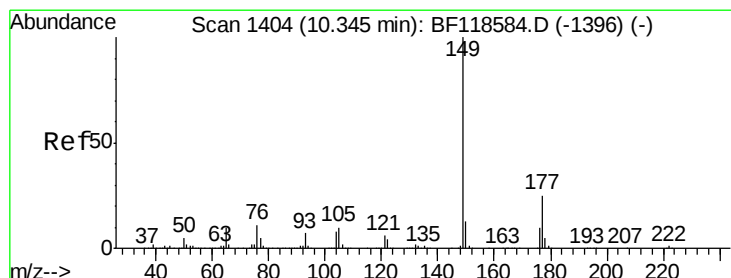
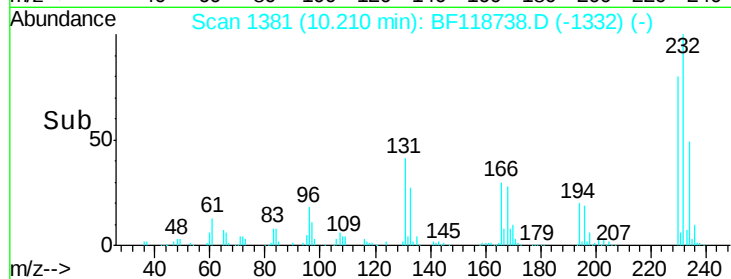
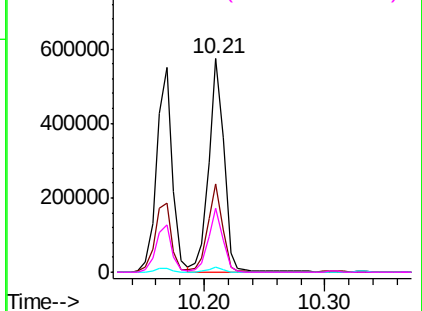
Tot Ion	Ratio	Lower	Upper
232	100		
131	39.6	31.8	47.6
130	2.1	1.5	2.3
166	28.4	22.8	34.2

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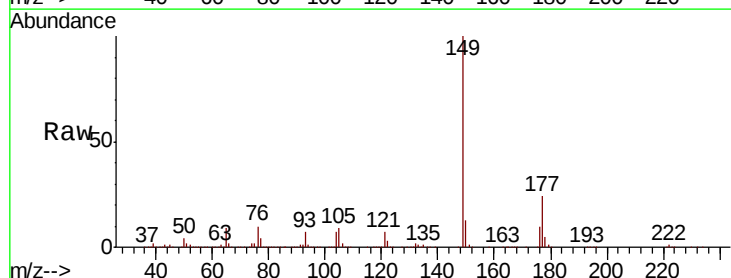


Abundance Ion 232.00 (231.70 to 232.70): E
 Ion 131.00 (130.70 to 131.70): E
 Ion 130.00 (129.70 to 130.70): E
 Ion 166.00 (165.70 to 166.70): E

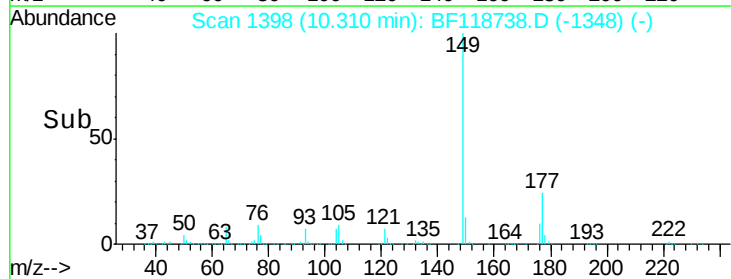
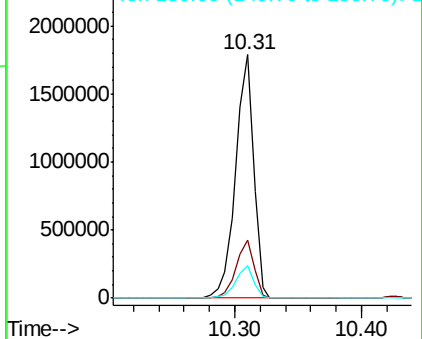


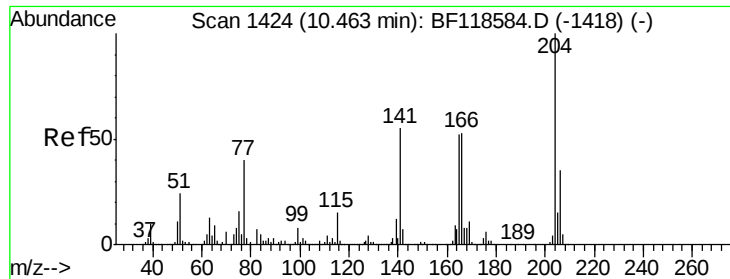
#60
 Diethylphthalate
 Concen: 49.844 ng
 RT: 10.31 min Scan# 1398
 Delta R.T. -0.01 min
 Lab File: BF118738.D
 Acq: 29 Jan 2020 18:22

Tgt Ion	Ratio	Lower	Upper
149	100		
177	24.0	19.1	28.7
150	13.2	10.5	15.7



Abundance Ion 149.00 (148.70 to 149.70): E
 Ion 177.00 (176.70 to 177.70): E
 Ion 150.00 (149.70 to 150.70): E





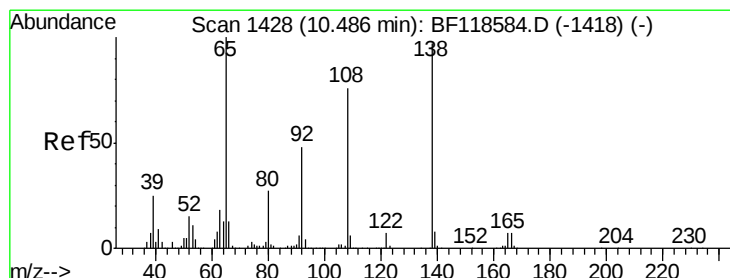
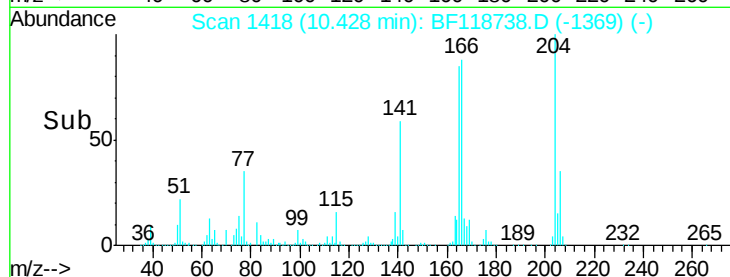
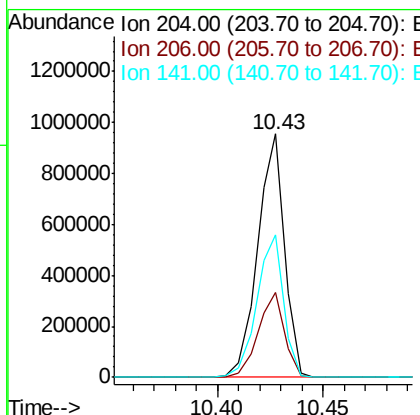
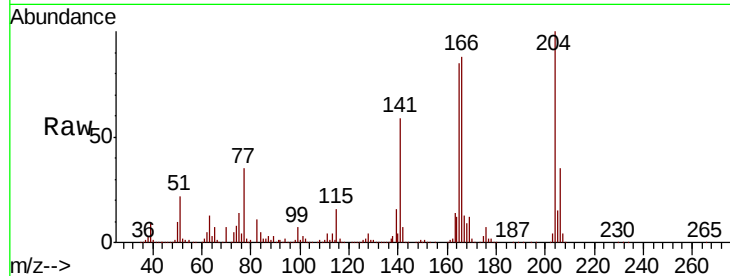
#61
4-Chlorophenyl-phenylether
Concen: 47.336 ng
RT: 10.43 min Scan# 1418
Delta R.T. -0.01 min
Lab File: BF118738.D
Acq: 29 Jan 2020 18:22

Instrument :
BNA_F
ClientSampleId :
PL-05-012820MS

Tot Ion	Ratio	Lower	Upper
204	100		
206	34.8	27.0	40.6
141	58.8	43.9	65.9

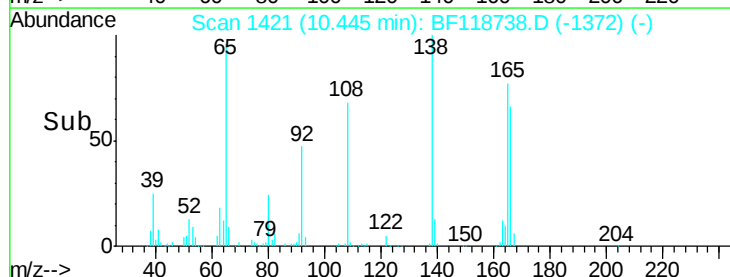
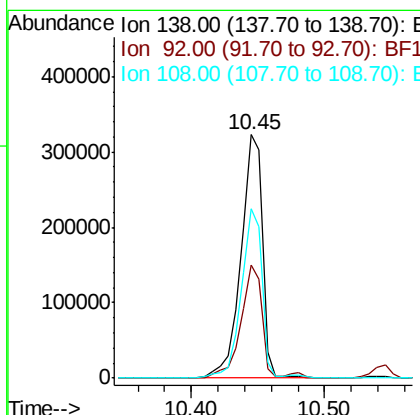
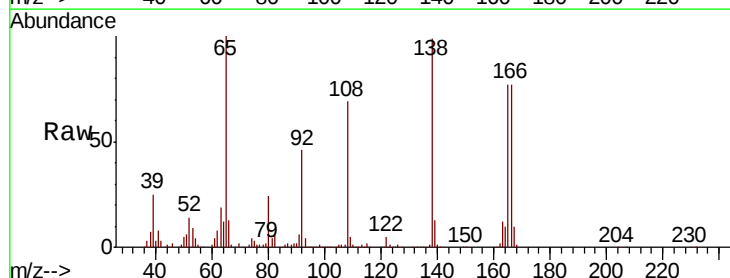
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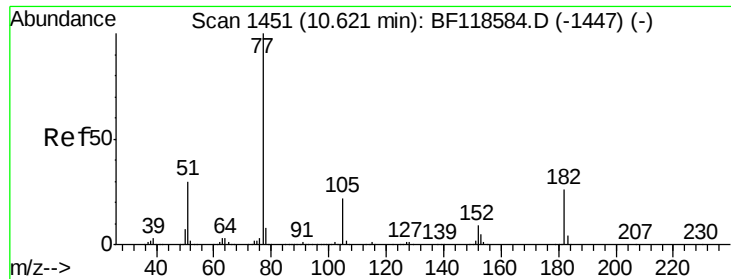
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#62
4-Nitroaniline
Concen: 38.163 ng
RT: 10.45 min Scan# 1421
Delta R.T. -0.01 min
Lab File: BF118738.D
Acq: 29 Jan 2020 18:22

Tgt Ion	Ratio	Lower	Upper
138	100		
92	46.6	29.2	69.2
108	69.6	50.8	90.8





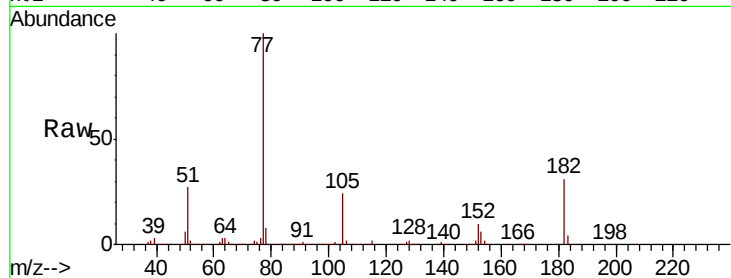
#63
Azobenzene
Concen: 46.398 ng
RT: 10.59 min Scan# 1445
Delta R.T. -0.01 min
Lab File: BF118738.D
Acq: 29 Jan 2020 18:22

Instrument :
BNA_F
ClientSampleId :
PL-05-012820MS

Tot Ion	Ratio	Lower	Upper
77	100		
182	31.5	12.3	52.3
105	23.6	4.0	44.0
51	27.3	7.2	47.2

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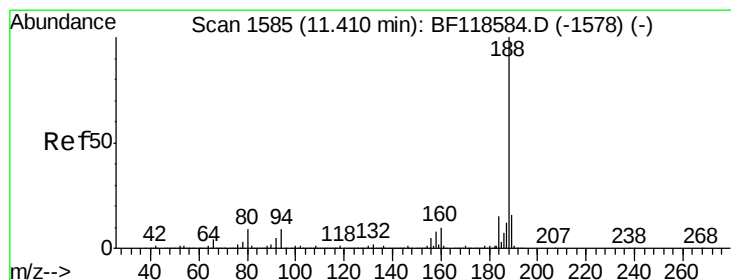
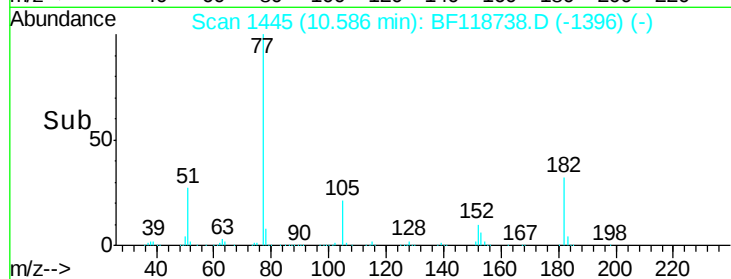
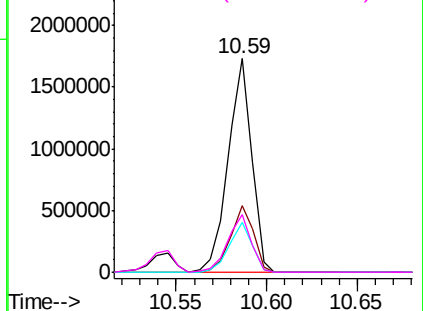
Abundance

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: 11.37 min Scan# 1578
Delta R.T. -0.01 min
Lab File: BF118738.D
Acq: 29 Jan 2020 18:22

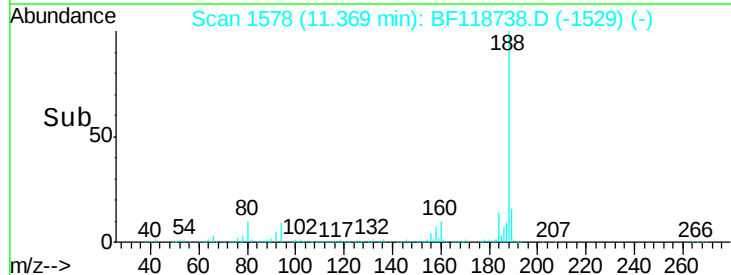
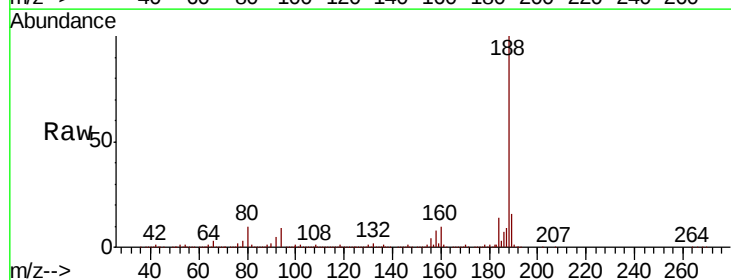
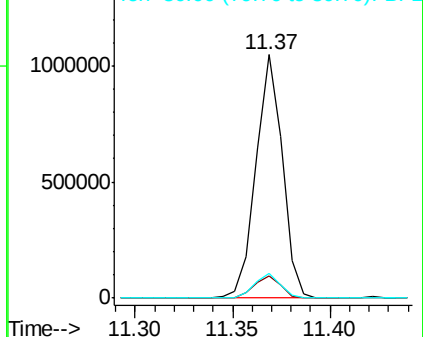
Tgt Ion	Ratio	Lower	Upper
188	100		
94	9.2	7.4	11.2
80	10.2	7.8	11.8

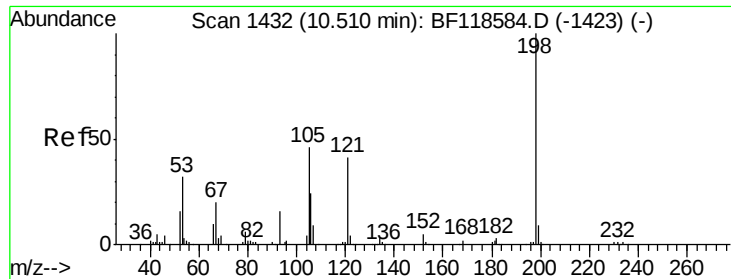
Abundance

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





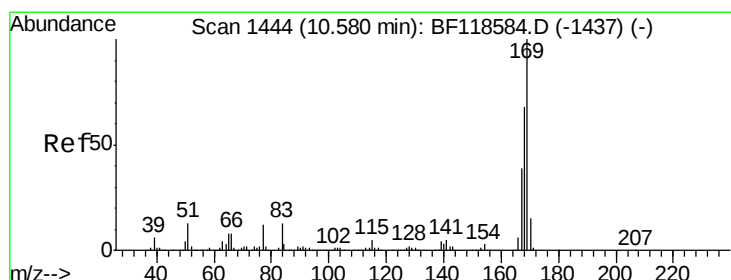
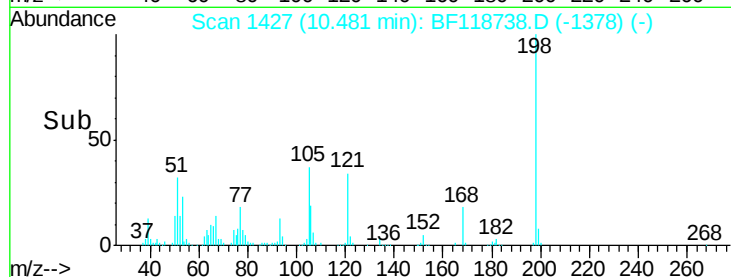
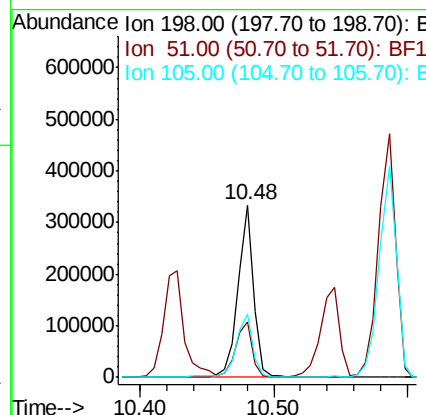
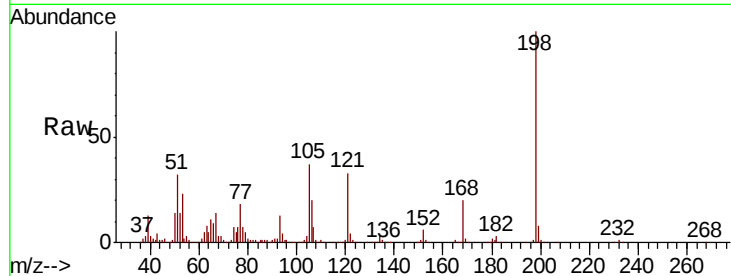
#65
4,6-Dinitro-2-methylphenol
Concen: 64.285 ng
RT: 10.48 min Scan# 1427
Delta R.T. -0.01 min
Lab File: BF118738.D
Acq: 29 Jan 2020 18:22

Instrument :
BNA_F
ClientSampleId :
PL-05-012820MS

Tot Ion	Ratio	Resp	Lower	Upper
198	100	277055		
51	31.9		9.6	49.6
105	36.8		15.5	55.5

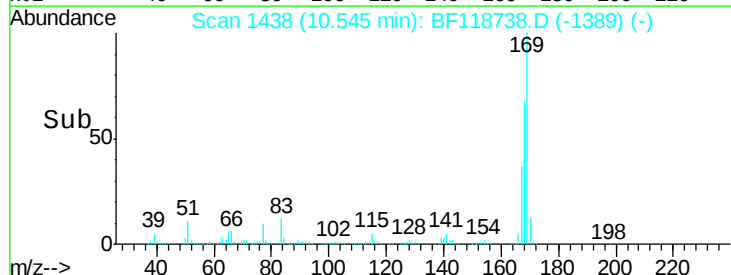
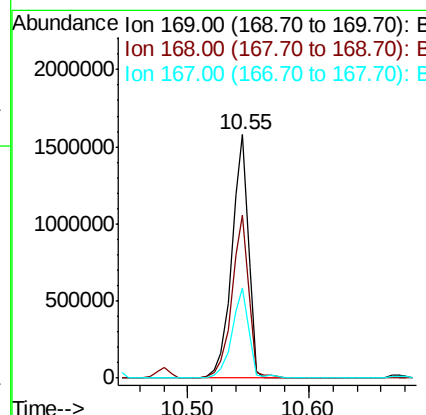
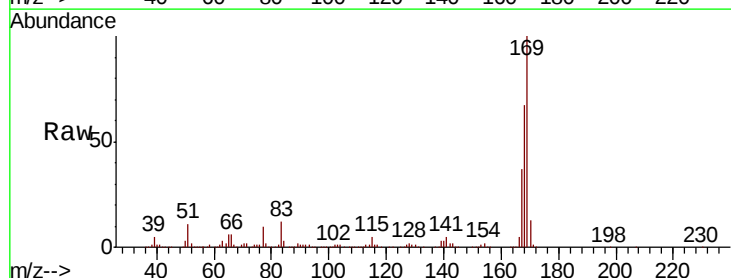
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#66
n-Nitrosodiphenylamine
Concen: 50.921 ng
RT: 10.55 min Scan# 1438
Delta R.T. -0.01 min
Lab File: BF118738.D
Acq: 29 Jan 2020 18:22

Tgt Ion	Ratio	Resp	Lower	Upper
169	100	1505134		
168	66.9		53.4	80.0
167	36.8		29.2	43.8





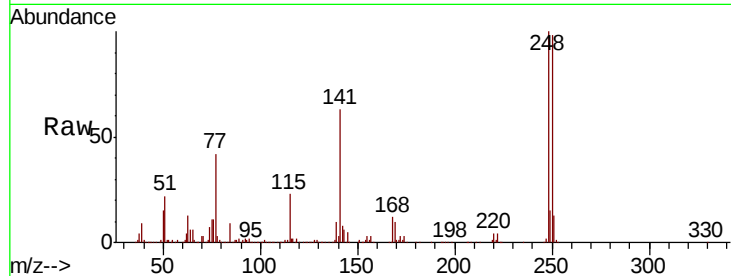
#67
4-Bromophenyl-phenylether
Concen: 48.371 ng
RT: 10.92 min Scan# 1501
Delta R.T. -0.01 min
Lab File: BF118738.D
Acq: 29 Jan 2020 18:22

Instrument :
BNA_F
ClientSampleId :
PL-05-012820MS

Tot Ion	Ratio	Lower	Upper
248	100		
250	97.9	78.7	118.1
141	63.1	48.4	72.6

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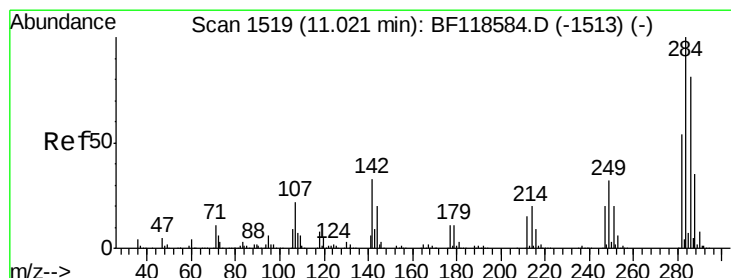
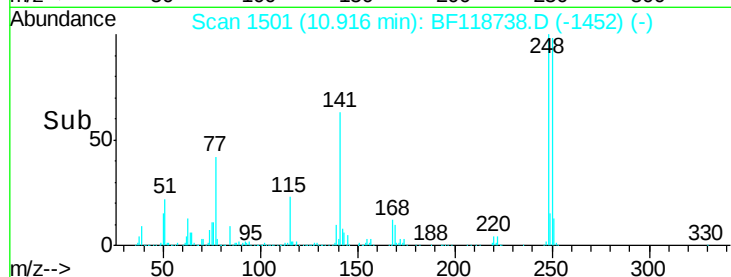
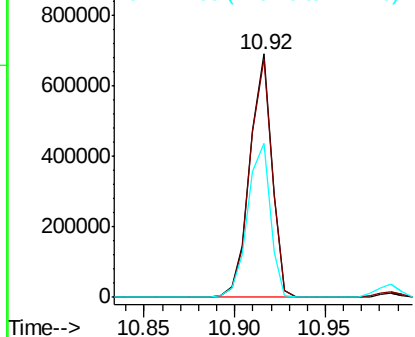


Abundance

Ion 248.00 (247.70 to 248.70): E

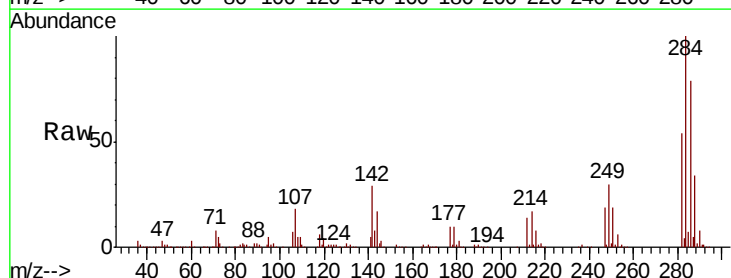
Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E



#68
Hexachlorobenzene
Concen: 48.100 ng
RT: 10.99 min Scan# 1513
Delta R.T. -0.01 min
Lab File: BF118738.D
Acq: 29 Jan 2020 18:22

Tgt Ion	Ratio	Lower	Upper
284	100		
142	28.8	23.1	34.7
249	30.4	24.0	36.0

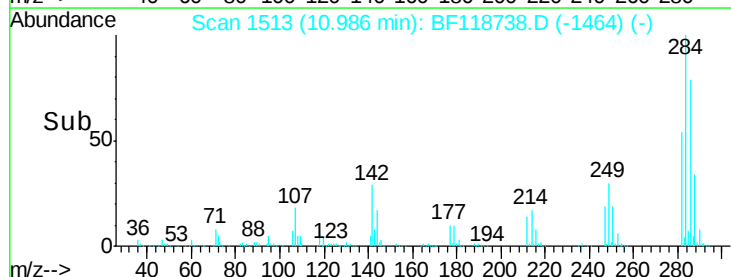
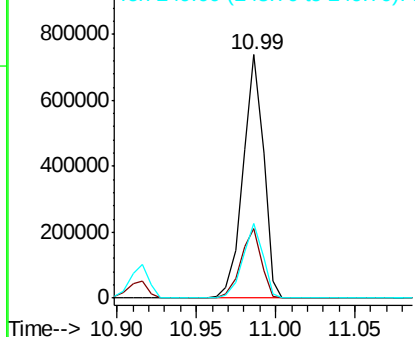


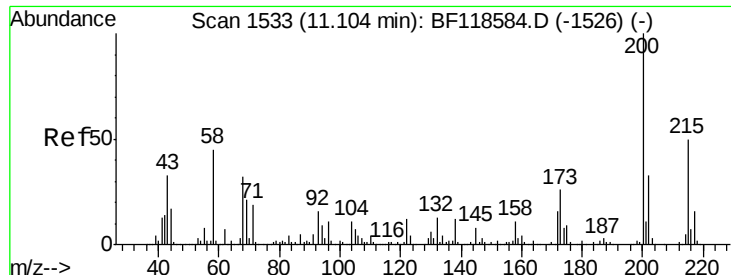
Abundance

Ion 283.80 (283.50 to 284.50): E

Ion 142.00 (141.70 to 142.70): E

Ion 249.00 (248.70 to 249.70): E





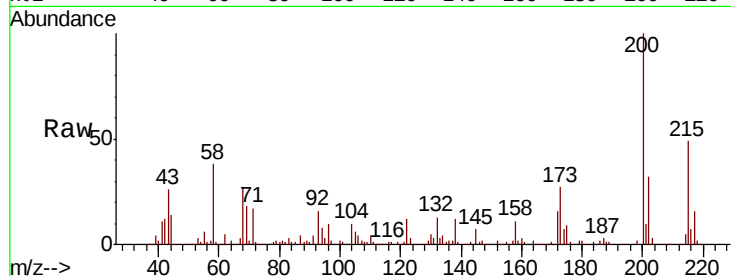
#69
Atrazine
Concen: 51.645 ng
RT: 11.07 min Scan# 1527
Delta R.T. -0.01 min
Lab File: BF118738.D
Acq: 29 Jan 2020 18:22

Instrument :
BNA_F
ClientSampleId :
PL-05-012820MS

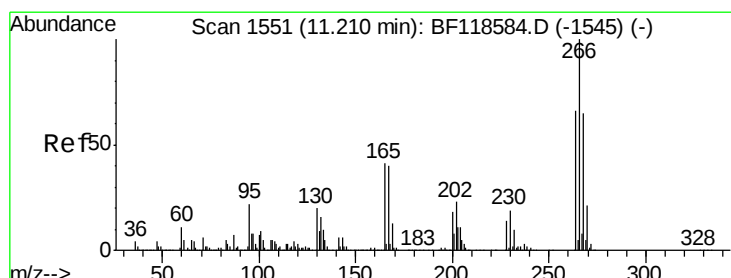
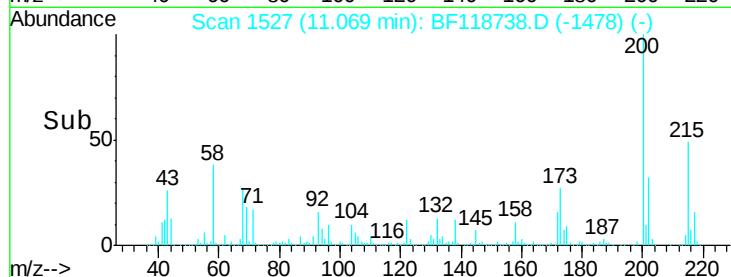
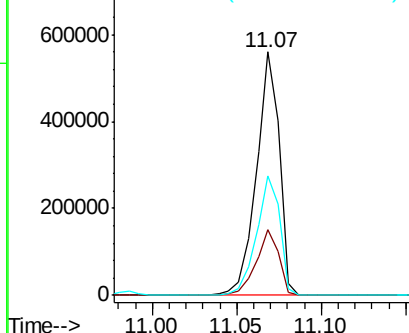
Tot Ion	Ratio	Lower	Upper
200	100		
173	26.8	6.8	46.8
215	49.3	30.4	70.4

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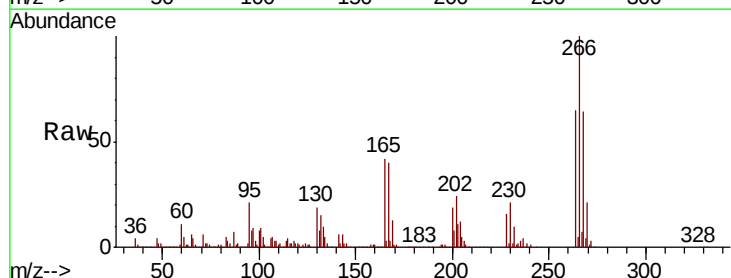


Abundance Ion 200.00 (199.70 to 200.70): E
Ion 173.00 (172.70 to 173.70): E
Ion 215.00 (214.70 to 215.70): E

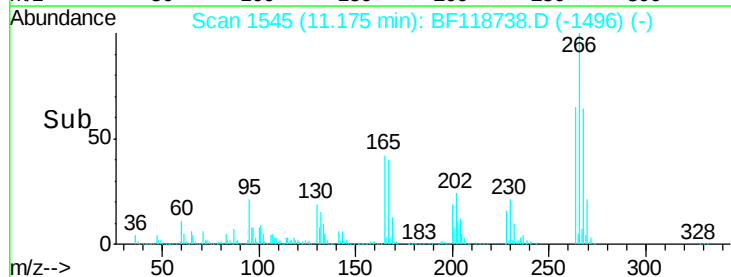
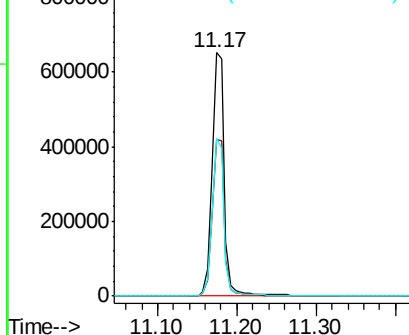


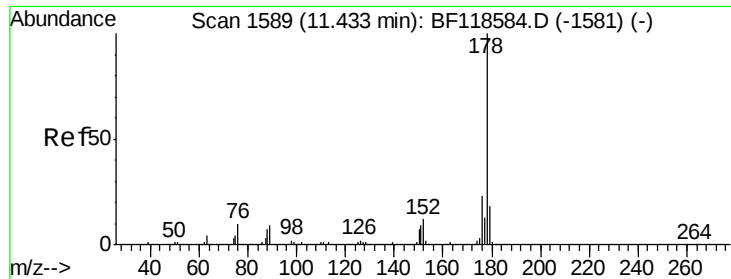
#70
Pentachlorophenol
Concen: 89.739 ng
RT: 11.17 min Scan# 1545
Delta R.T. -0.01 min
Lab File: BF118738.D
Acq: 29 Jan 2020 18:22

Tgt Ion	Ratio	Lower	Upper
266	100		
268	64.2	51.6	77.4
264	64.9	50.9	76.3



Abundance Ion 265.70 (265.40 to 266.40): E
Ion 268.00 (267.70 to 268.70): E
Ion 264.00 (263.70 to 264.70): E





#71

Phenanthrene

Concen: 49.801 ng

RT: 11.40 min Scan# 1583

Delta R.T. -0.01 min

Lab File: BF118738.D

Acq: 29 Jan 2020 18:22

Instrument :

BNA_F

ClientSampleId :

PL-05-012820MS

Tot Ion:178 Resp: 2354860

Ion Ratio Lower Upper

178 100

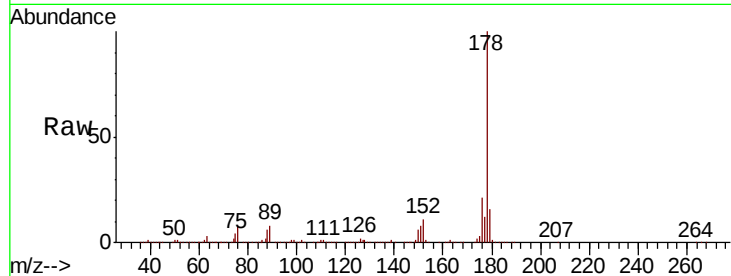
176 20.6 16.5 24.7

179 16.2 13.3 19.9

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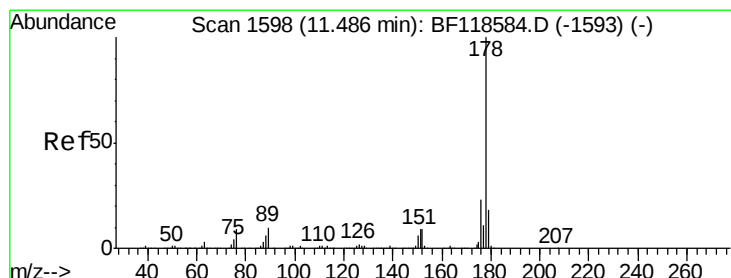
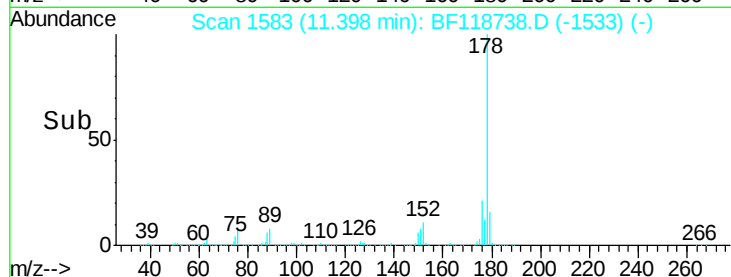
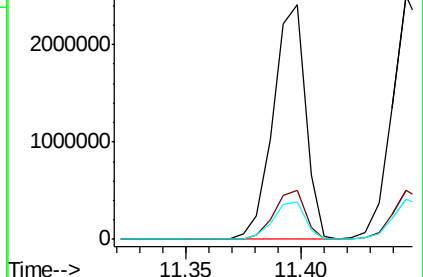
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Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E



#72

Anthracene

Concen: 51.976 ng

RT: 11.45 min Scan# 1591

Delta R.T. -0.01 min

Lab File: BF118738.D

Acq: 29 Jan 2020 18:22

Tgt Ion:178 Resp: 2431865

Ion Ratio Lower Upper

178 100

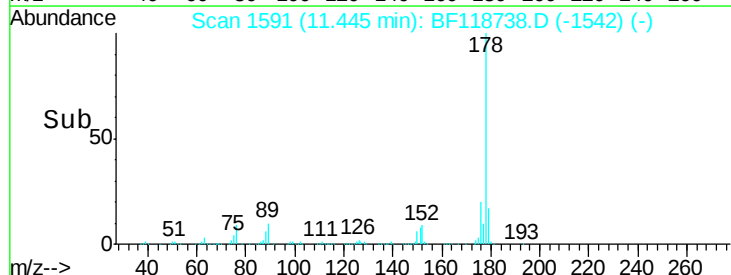
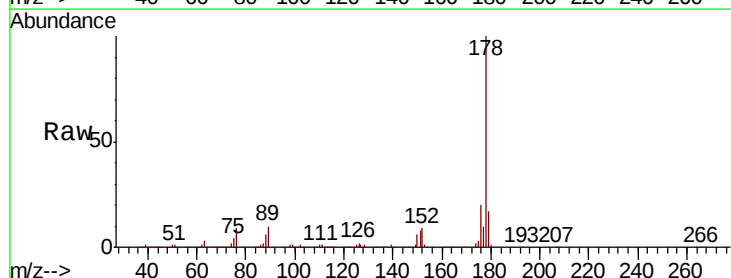
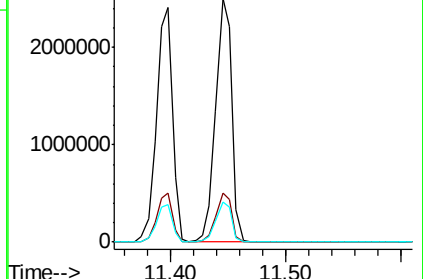
176 20.1 15.8 23.8

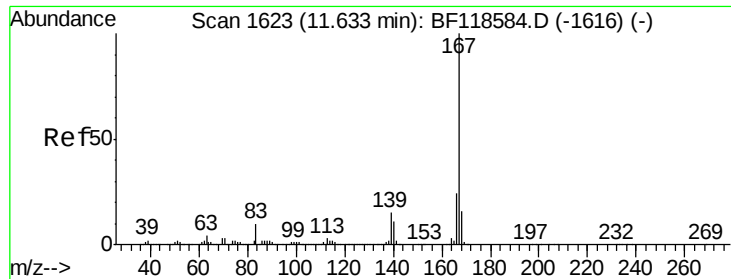
179 16.6 13.3 19.9

Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E





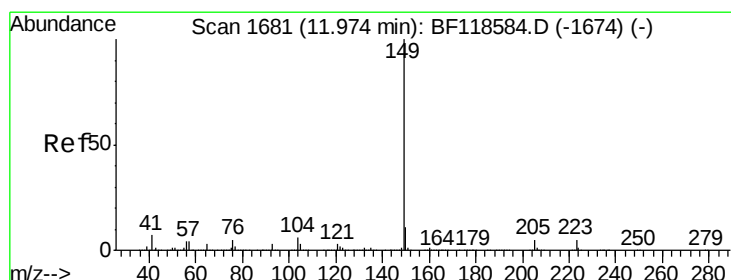
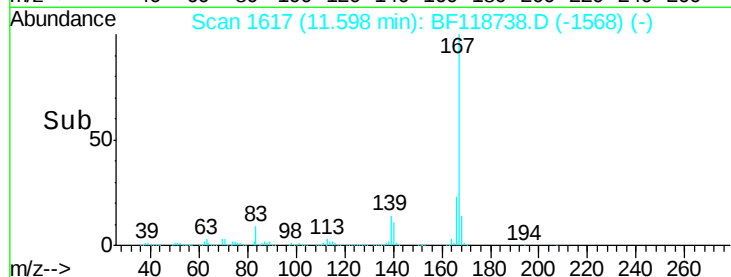
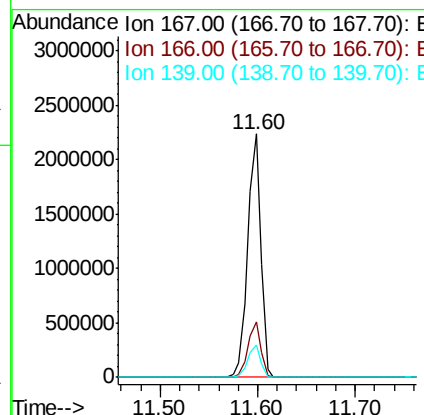
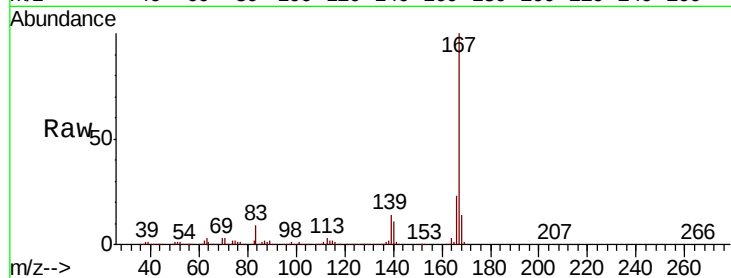
#73
 Carbazole
 Concen: 48.666 ng
 RT: 11.60 min Scan# 1617
 Delta R.T. -0.01 min
 Lab File: BF118738.D
 Acq: 29 Jan 2020 18:22

Instrument :
 BNA_F
 ClientSampleId :
 PL-05-012820MS

Tot Ion	Ratio	Lower	Upper
167	100		
166	22.8	18.3	27.5
139	13.6	11.0	16.4

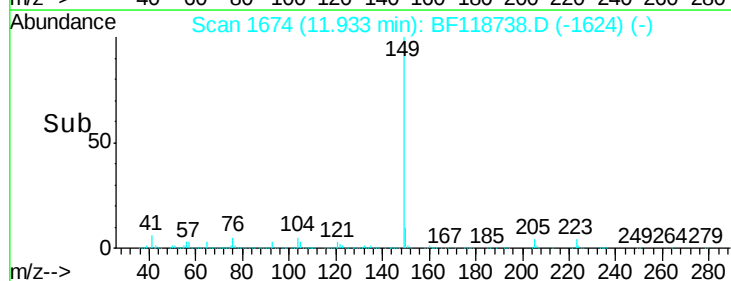
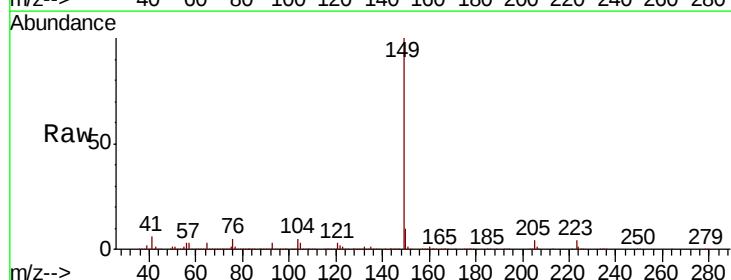
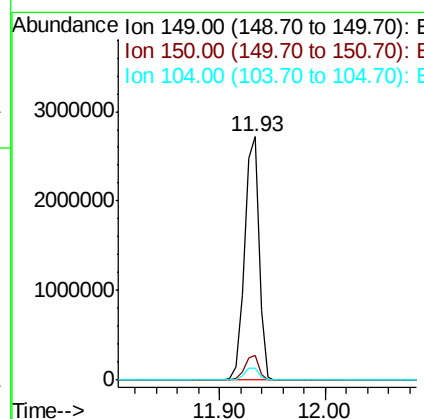
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#74
 Di-n-butylphthalate
 Concen: 52.863 ng
 RT: 11.93 min Scan# 1674
 Delta R.T. -0.01 min
 Lab File: BF118738.D
 Acq: 29 Jan 2020 18:22

Tgt Ion	Ratio	Lower	Upper
149	100		
150	10.0	8.2	12.2
104	5.0	4.2	6.4





#75

Fluoranthene

Concen: 48.862 ng

RT: 12.58 min Scan# 1784

Delta R.T. -0.01 min

Lab File: BF118738.D

Acq: 29 Jan 2020 18:22

Instrument :

BNA_F

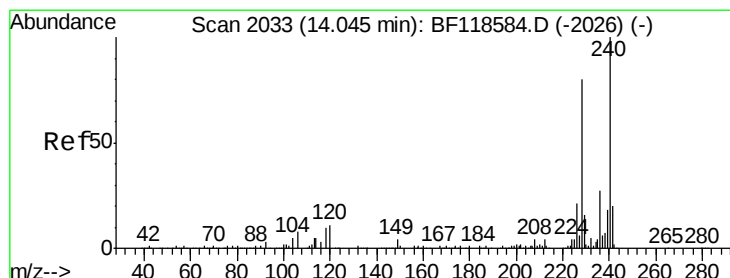
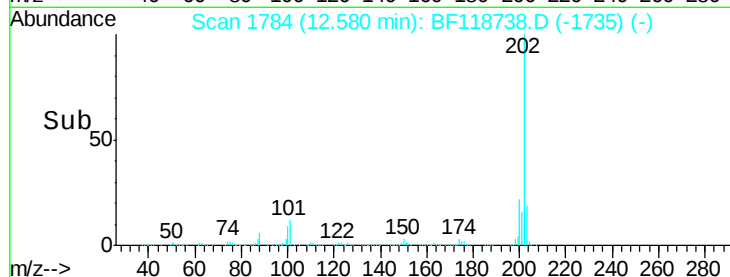
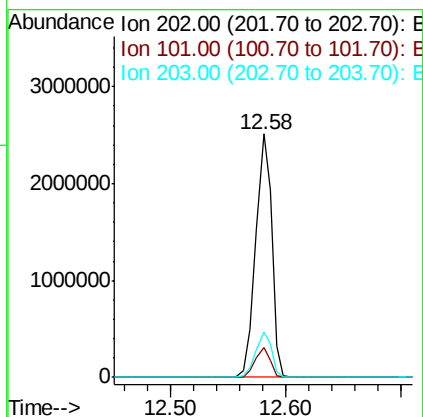
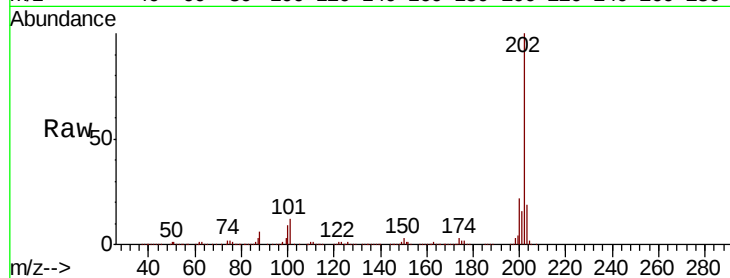
ClientSampleId :

PL-05-012820MS

Tot Ion:	202	Resp:	2436858
Ion	Ratio	Lower	Upper
202	100		
101	12.1	0.0	32.1
203	18.7	0.0	38.9

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#76

Chrysene-d12

Concen: 20.000 ng

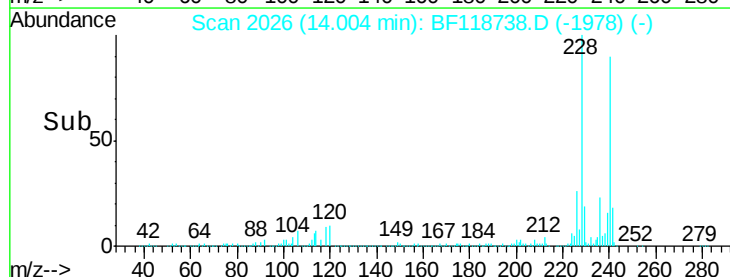
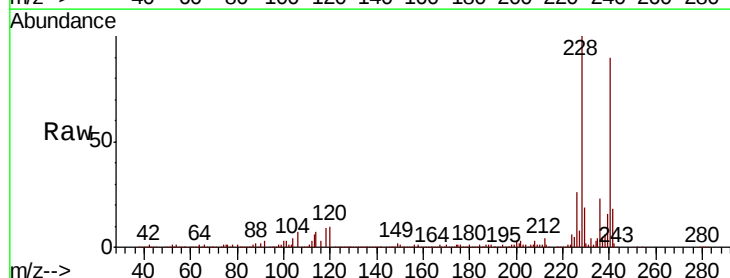
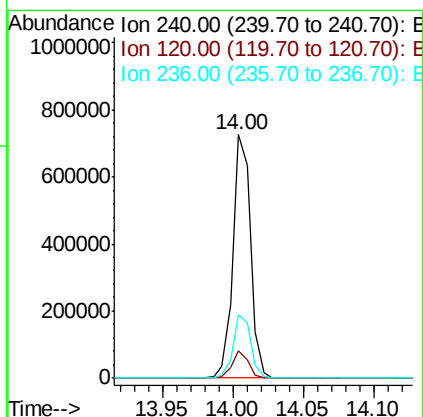
RT: 14.00 min Scan# 2026

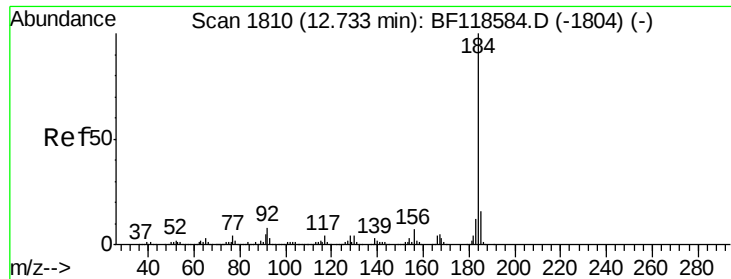
Delta R.T. -0.02 min

Lab File: BF118738.D

Acq: 29 Jan 2020 18:22

Tgt Ion:	240	Resp:	629542
Ion	Ratio	Lower	Upper
240	100		
120	11.5	7.6	11.4#
236	25.9	21.0	31.4





#77

Benzidine

Concen: 38.890 ng

RT: 12.69 min Scan# 1803

Delta R.T. -0.02 min

Lab File: BF118738.D

Acq: 29 Jan 2020 18:22

Instrument :

BNA_F

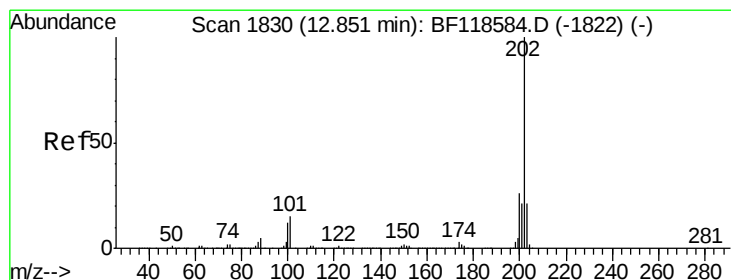
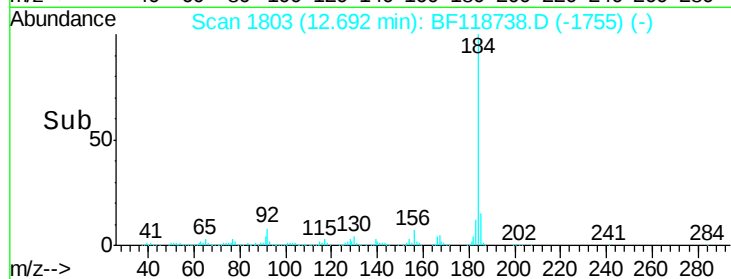
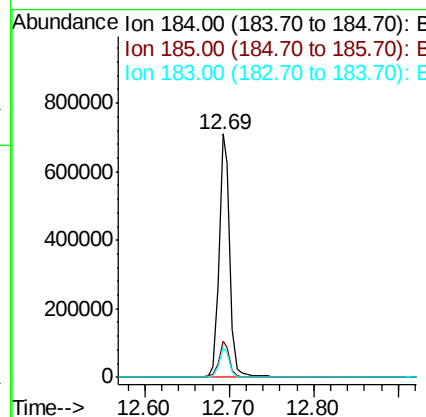
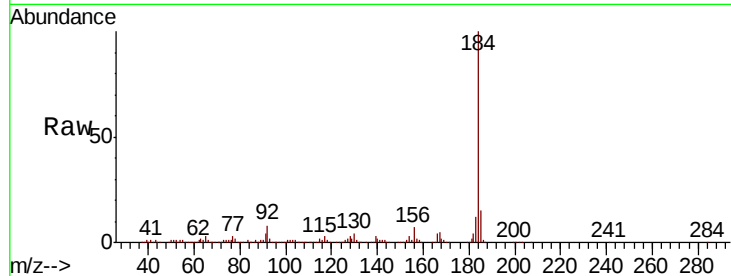
ClientSampleId :

PL-05-012820MS

Tot Ion:	184	Resp:	654171
Ion Ratio	Lower	Upper	
184	100		
185	15.1	11.8	17.8
183	12.3	9.7	14.5

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#78

Pyrene

Concen: 56.097 ng

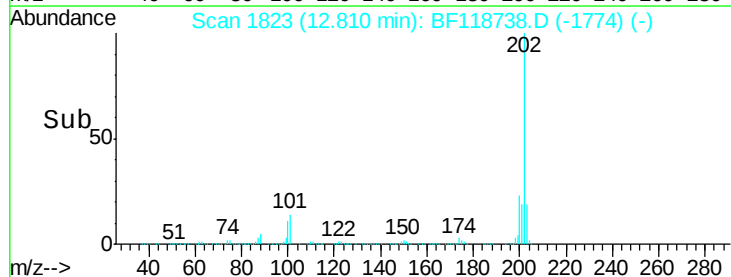
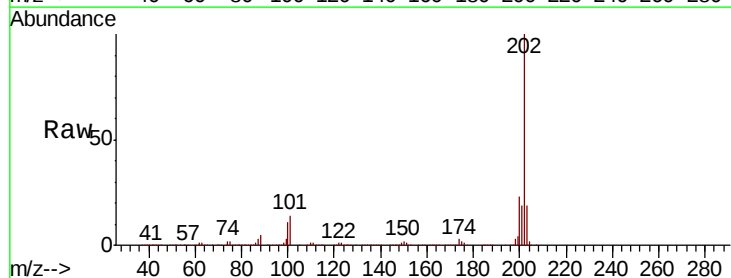
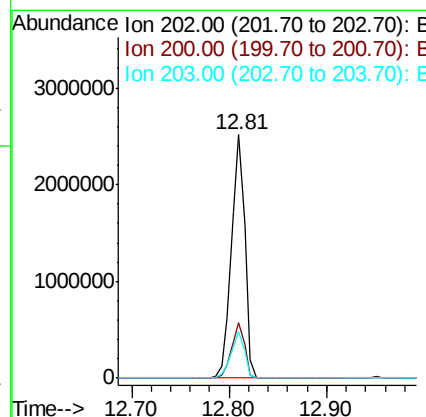
RT: 12.81 min Scan# 1823

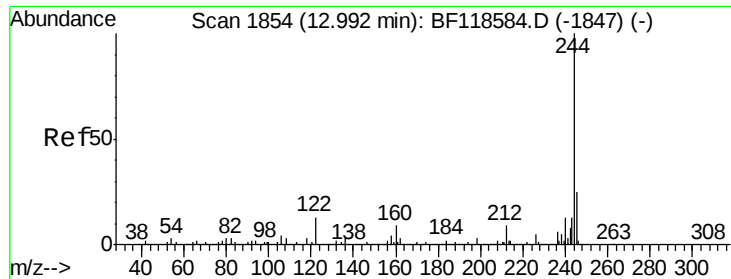
Delta R.T. -0.01 min

Lab File: BF118738.D

Acq: 29 Jan 2020 18:22

Tgt Ion:	202	Resp:	2397589
Ion Ratio	Lower	Upper	
202	100		
200	22.8	18.1	27.1
203	18.9	15.2	22.8





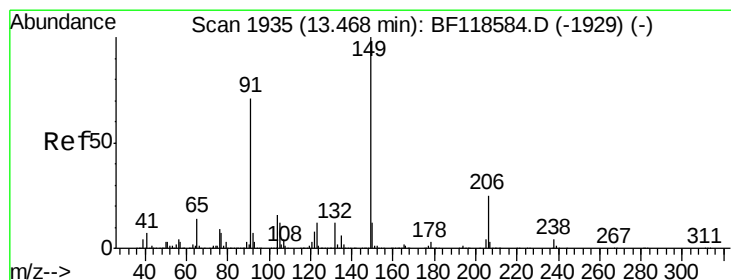
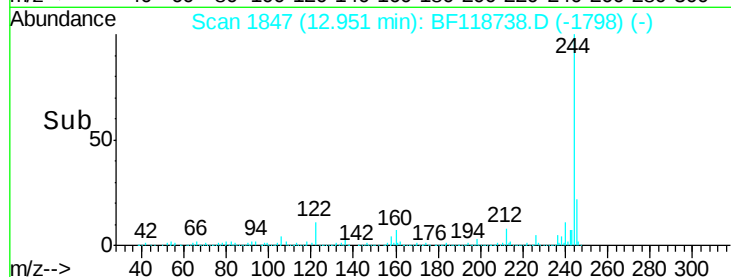
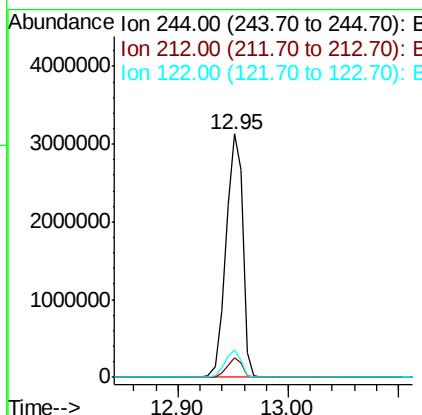
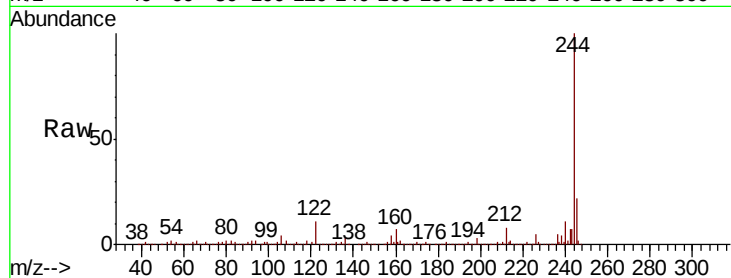
#79
 Terphenyl-d14
 Concen: 114.689 ng
 RT: 12.95 min Scan# 1847
 Delta R.T. -0.01 min
 Lab File: BF118738.D
 Acq: 29 Jan 2020 18:22

Instrument :
 BNA_F
 ClientSampleId :
 PL-05-012820MS

Tot Ion	Ratio	Lower	Upper
244	100		
212	7.9	6.3	9.5
122	11.3	9.2	13.8

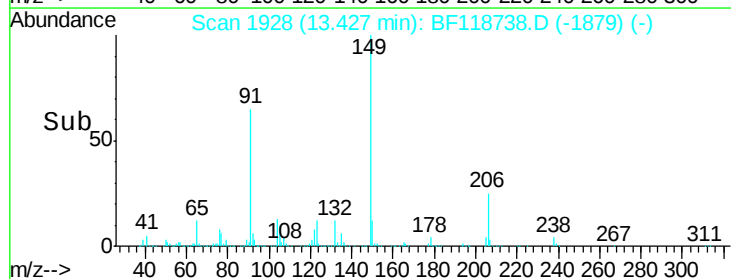
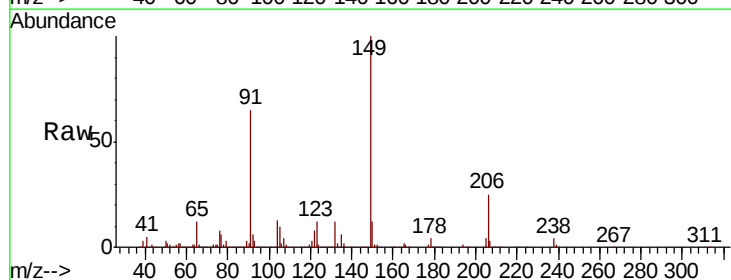
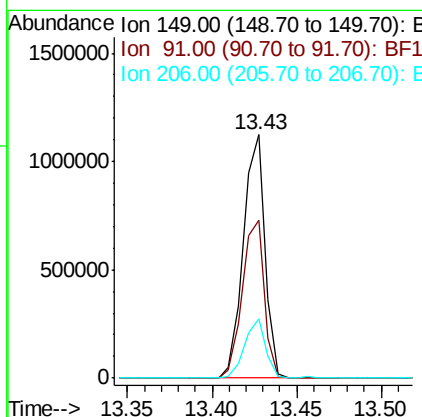
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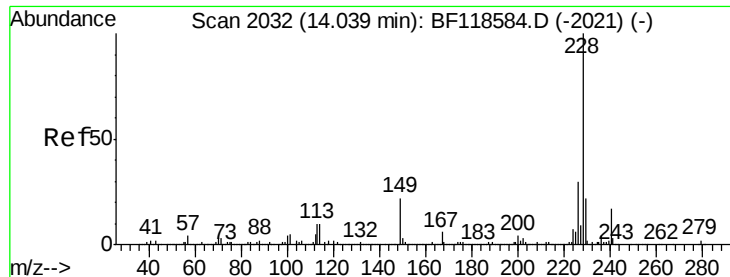
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#80
 Butylbenzylphthalate
 Concen: 57.468 ng
 RT: 13.43 min Scan# 1928
 Delta R.T. -0.01 min
 Lab File: BF118738.D
 Acq: 29 Jan 2020 18:22

Tgt Ion	Ratio	Lower	Upper
149	100		
91	64.8	49.6	74.4
206	24.6	19.9	29.9





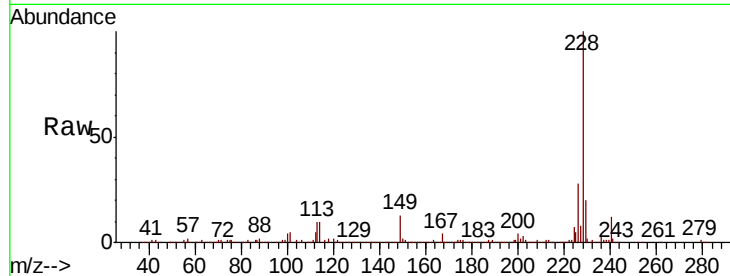
#81
Benzo(a)anthracene
Concen: 50.964 ng
RT: 14.00 min Scan# 2025
Delta R.T. -0.01 min
Lab File: BF118738.D
Acq: 29 Jan 2020 18:22

Instrument :
BNA_F
ClientSampleId :
PL-05-012820MS

Tot Ion	Ratio	Lower	Upper
228	100		
226	28.2	22.6	34.0
229	20.4	16.6	25.0

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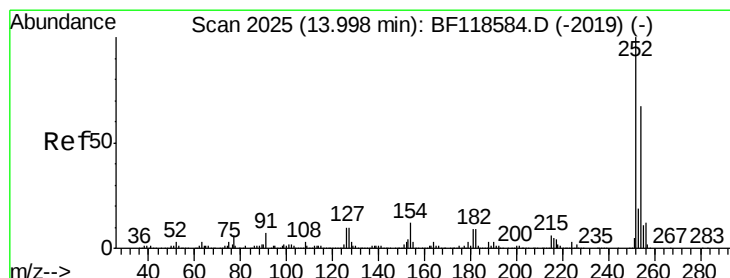
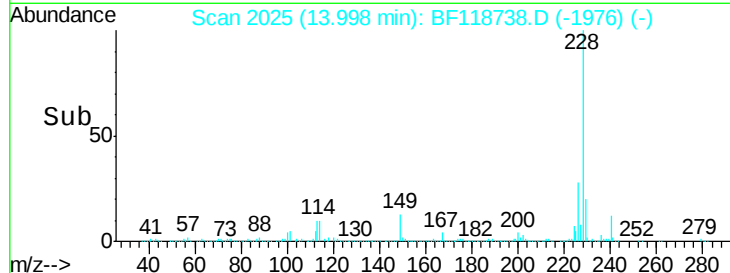
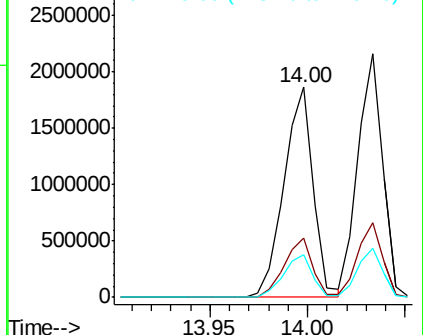


Abundance

Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E



#82
3,3'-Dichlorobenzidine
Concen: 16.926 ng
RT: 13.95 min Scan# 2017
Delta R.T. -0.02 min
Lab File: BF118738.D
Acq: 29 Jan 2020 18:22

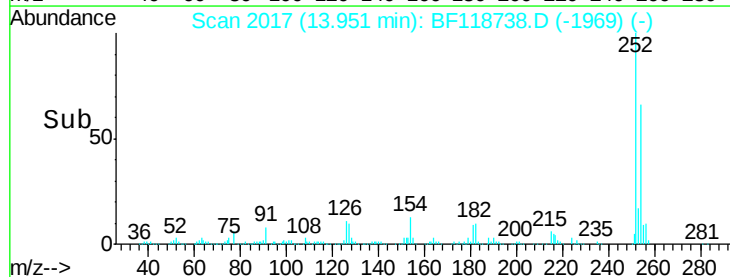
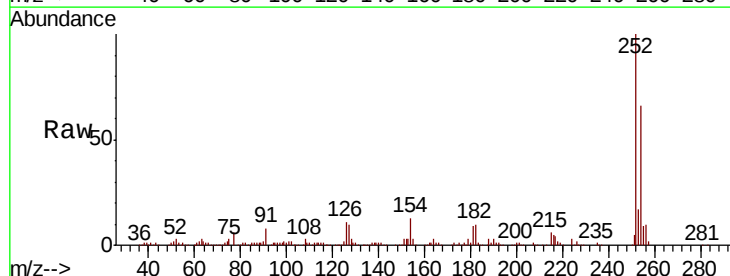
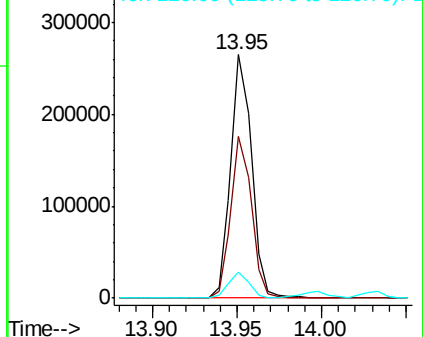
Tgt Ion	Ratio	Lower	Upper
252	100		
254	66.4	52.6	78.8
126	10.6	8.1	12.1

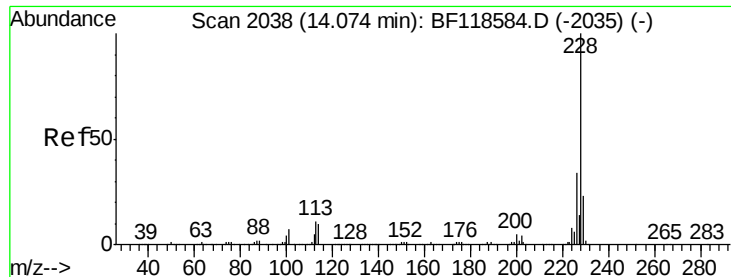
Abundance

Ion 252.00 (251.70 to 252.70): E

Ion 254.00 (253.70 to 254.70): E

Ion 126.00 (125.70 to 126.70): E





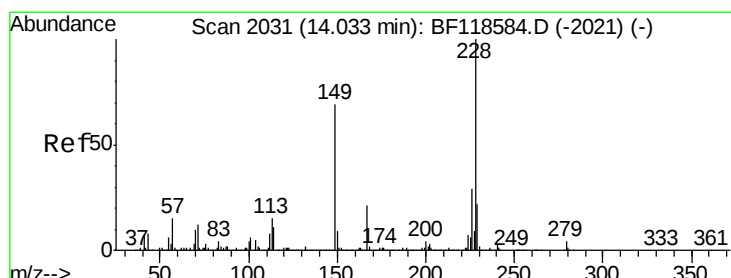
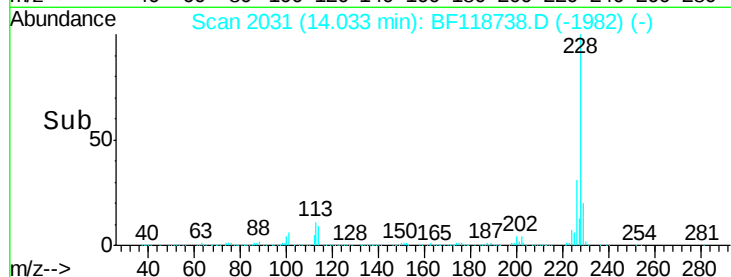
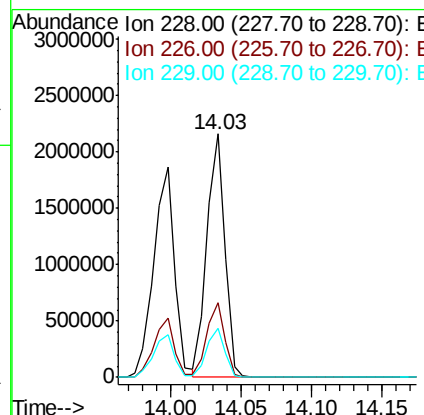
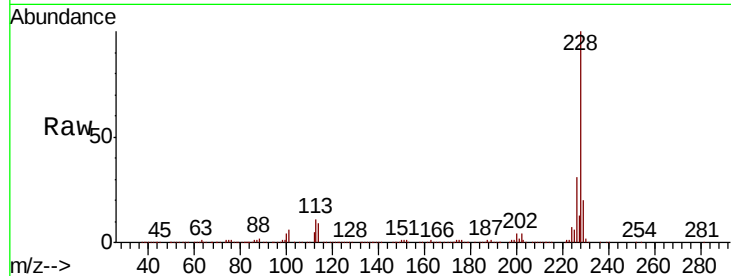
#83
 Chrvsene
 Concen: 52.662 ng
 RT: 14.03 min Scan# 2031
 Delta R.T. -0.01 min
 Lab File: BF118738.D
 Acq: 29 Jan 2020 18:22

Instrument :
 BNA_F
 ClientSampleId :
 PL-05-012820MS

Tot Ion	Ratio	Lower	Upper
228	100		
226	30.7	25.6	38.4
229	20.3	17.1	25.7

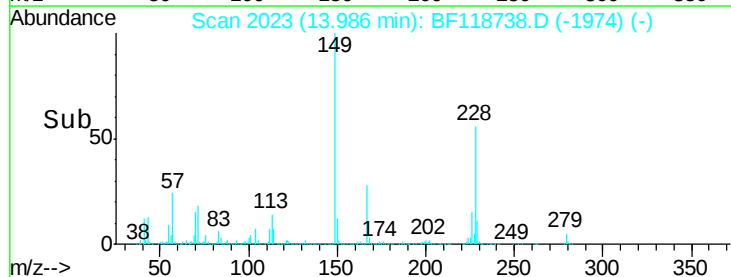
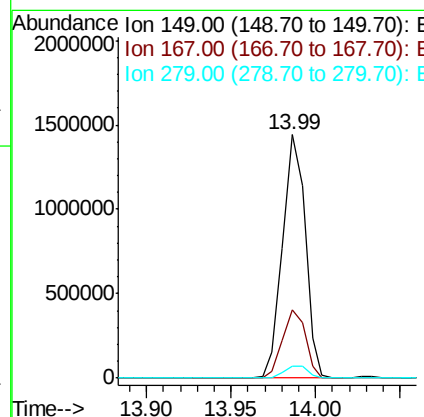
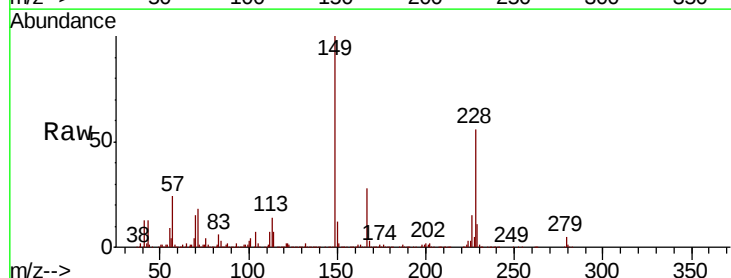
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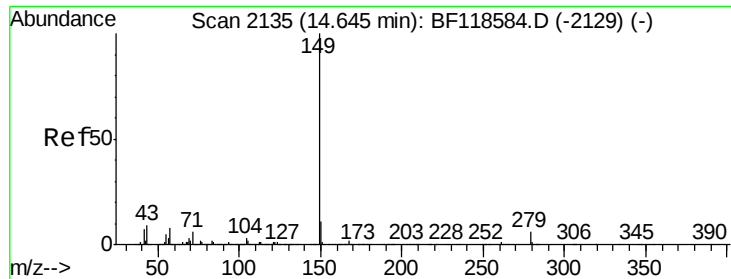
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#84
 Bis(2-ethylhexyl)phthalate
 Concen: 62.322 ng
 RT: 13.99 min Scan# 2023
 Delta R.T. -0.01 min
 Lab File: BF118738.D
 Acq: 29 Jan 2020 18:22

Tgt Ion	Ratio	Lower	Upper
149	100		
167	28.3	23.6	35.4
279	5.1	4.5	6.7





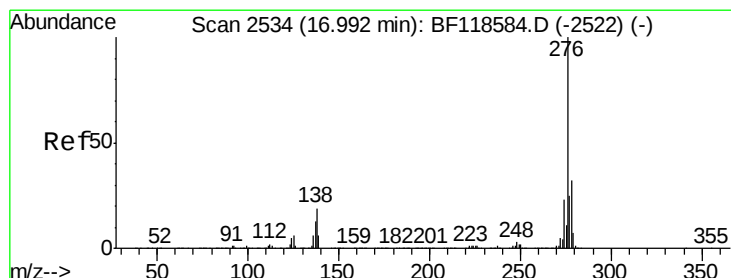
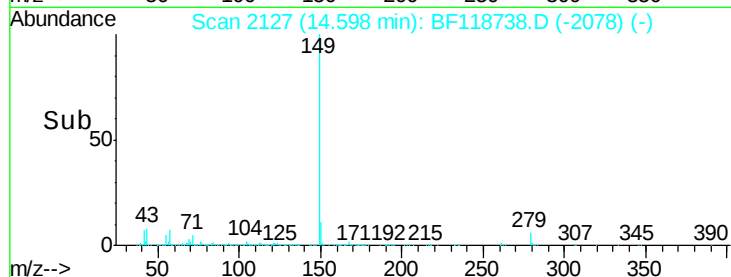
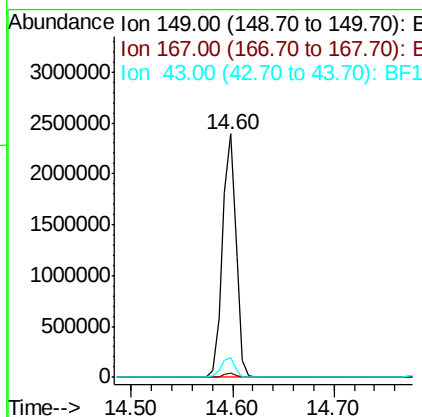
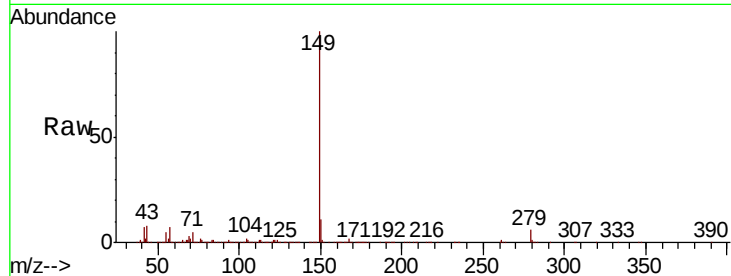
#85
Di-n-octyl phthalate
Concen: 69.770 ng
RT: 14.60 min Scan# 2127
Delta R.T. -0.01 min
Lab File: BF118738.D
Acq: 29 Jan 2020 18:22

Instrument :
BNA_F
ClientSampleId :
PL-05-012820MS

Tot Ion	Ratio	Lower	Upper
149	100		
167	1.7	1.4	2.0
43	8.1	6.6	10.0

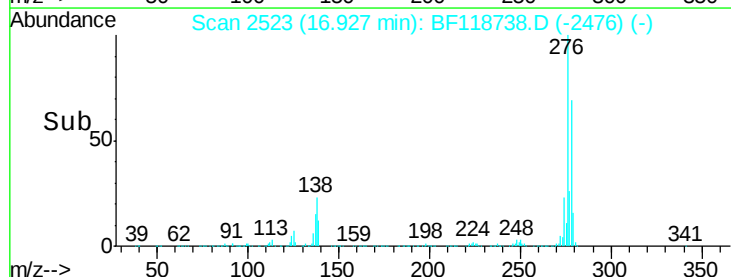
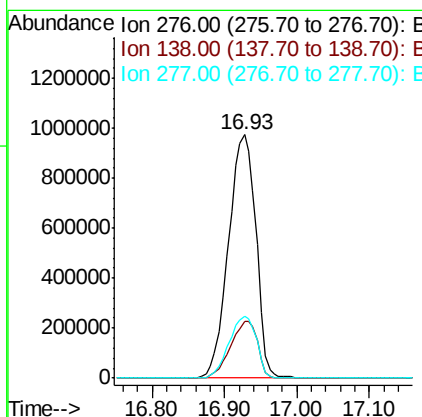
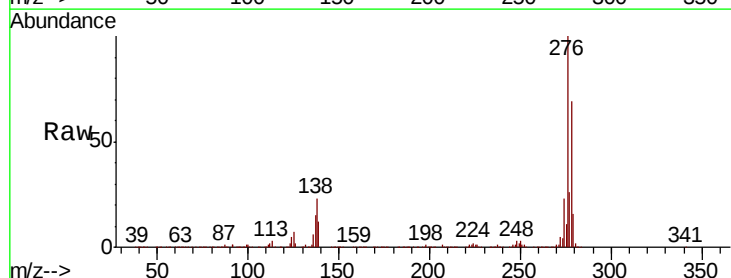
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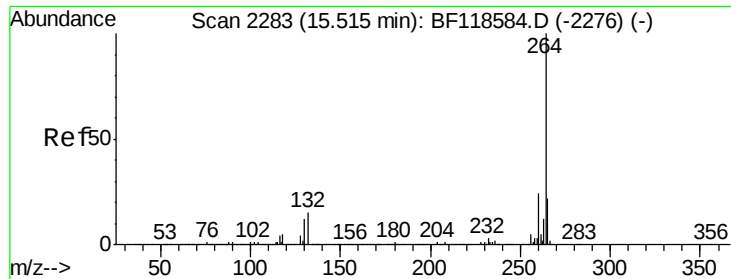
mohammad
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#86
Indeno(1,2,3-cd)pyrene
Concen: 81.074 ng
RT: 16.93 min Scan# 2523
Delta R.T. -0.02 min
Lab File: BF118738.D
Acq: 29 Jan 2020 18:22

Tgt Ion	Ratio	Lower	Upper
276	100		
138	23.2	18.2	27.4
277	25.7	20.4	30.6





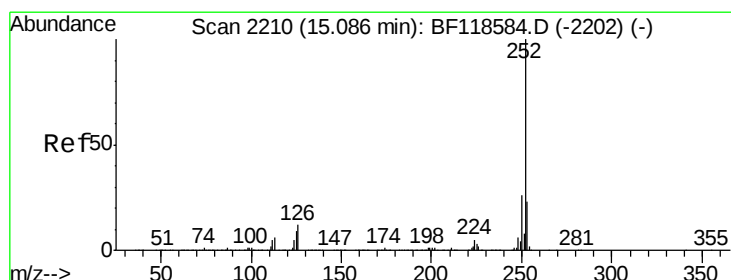
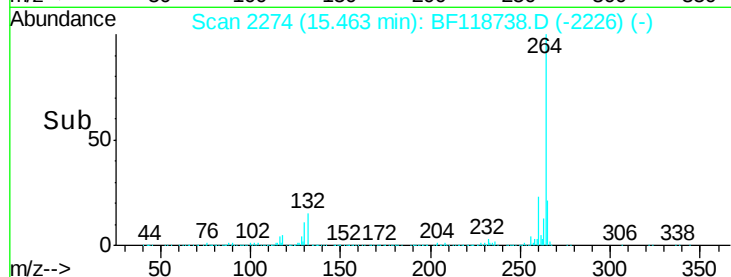
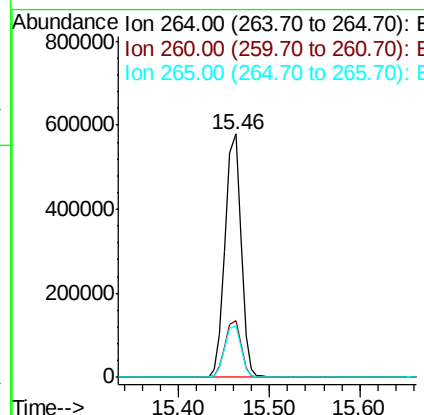
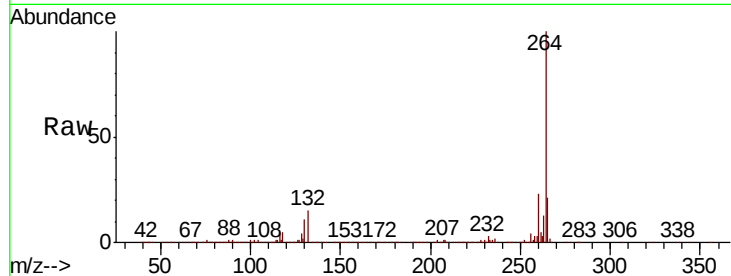
#87
 Pervlene-d12
 Concen: 20.000 ng
 RT: 15.46 min Scan# 2274
 Delta R.T. -0.02 min
 Lab File: BF118738.D
 Acq: 29 Jan 2020 18:22

Instrument :
 BNA_F
 ClientSampleId :
 PL-05-012820MS

Tot Ion	Ratio	Lower	Upper
264	100		
260	23.5	18.6	28.0
265	21.3	17.0	25.6

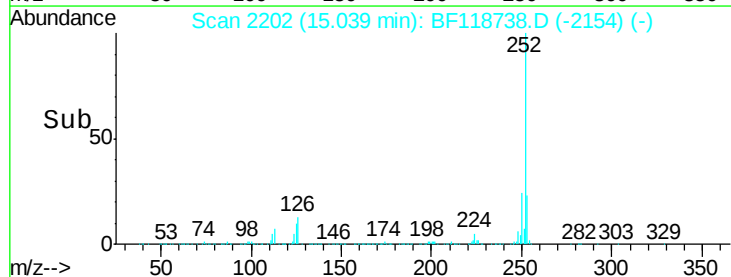
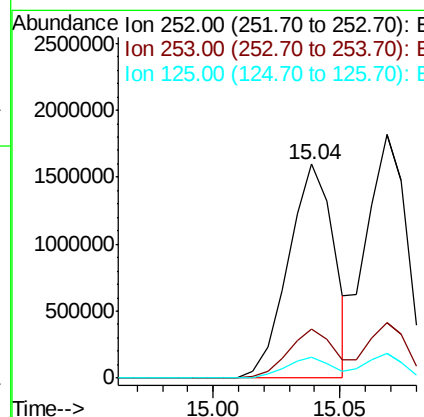
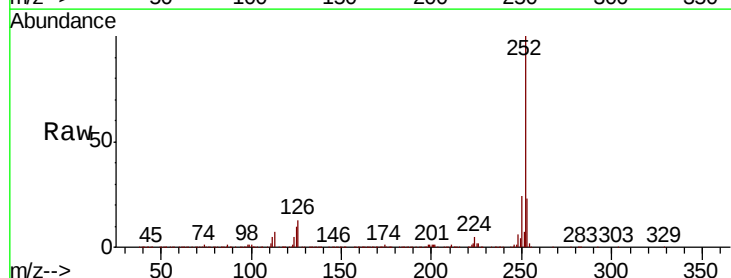
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#88
 Benzo(b)fluoranthene
 Concen: 45.236 ng
 RT: 15.04 min Scan# 2202
 Delta R.T. -0.02 min
 Lab File: BF118738.D
 Acq: 29 Jan 2020 18:22

Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.7	18.2	27.4
125	9.8	7.7	11.5





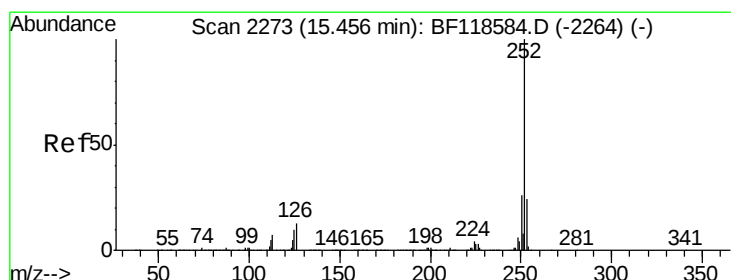
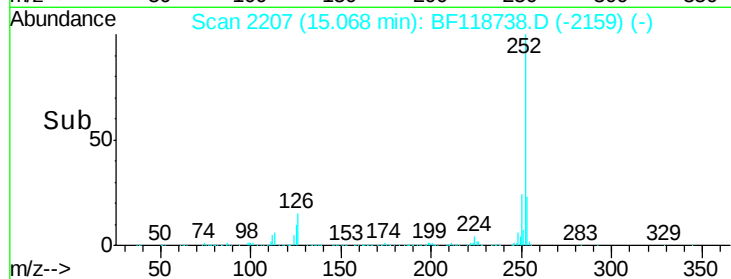
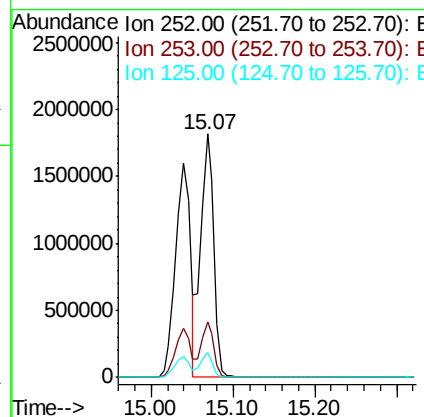
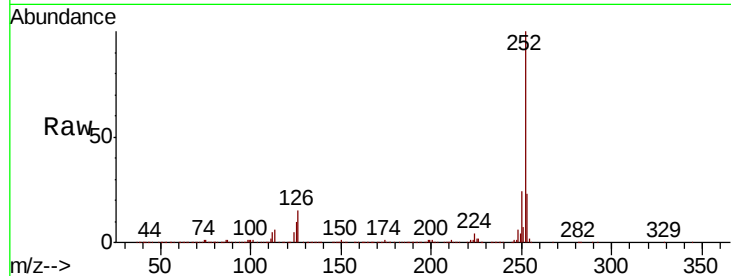
#89
Benzo(k)fluoranthene
Concen: 48.969 ng
RT: 15.07 min Scan# 2207
Delta R.T. -0.02 min
Lab File: BF118738.D
Acq: 29 Jan 2020 18:22

Instrument :
BNA_F
ClientSampleId :
PL-05-012820MS

Tot Ion	Ratio	Lower	Upper
252	100		
253	22.7	18.4	27.6
125	10.1	8.1	12.1

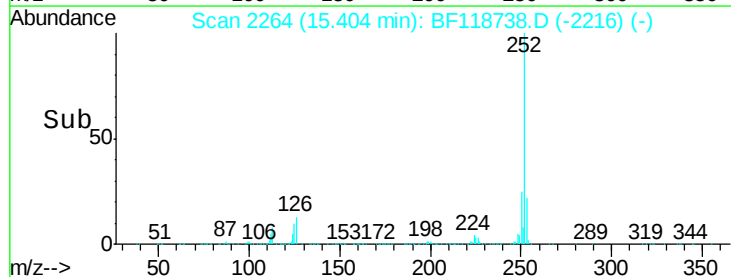
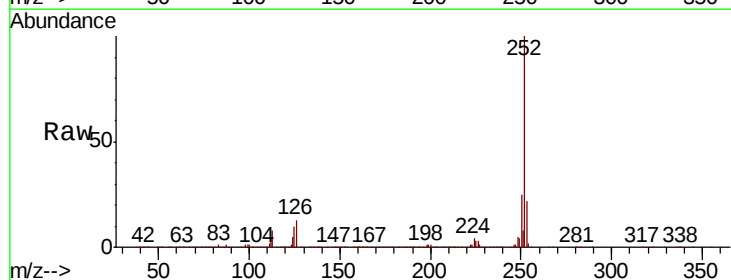
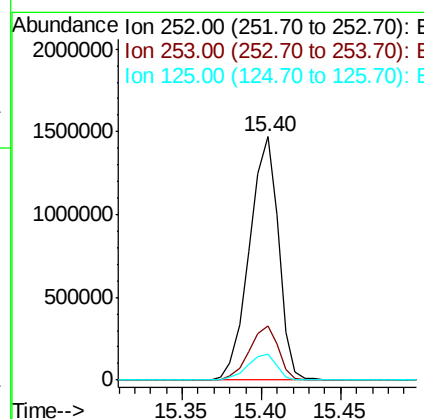
Manual Integrations
APPROVED

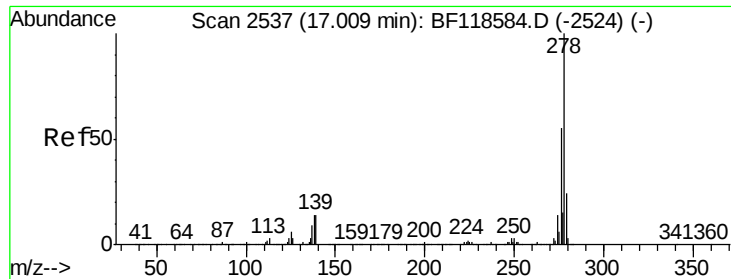
mohammad
1/30/2020 10:18:18 AM



#90
Benzo(a)pyrene
Concen: 49.041 ng
RT: 15.40 min Scan# 2264
Delta R.T. -0.02 min
Lab File: BF118738.D
Acq: 29 Jan 2020 18:22

Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.2	18.2	27.4
125	10.5	8.3	12.5





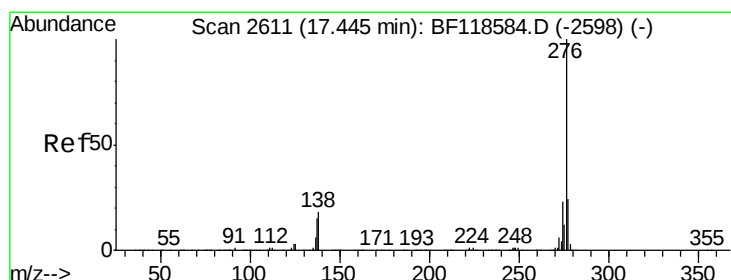
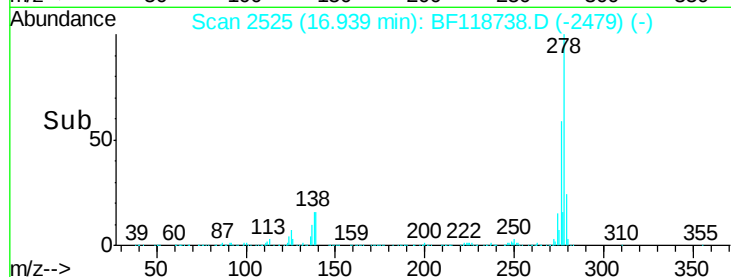
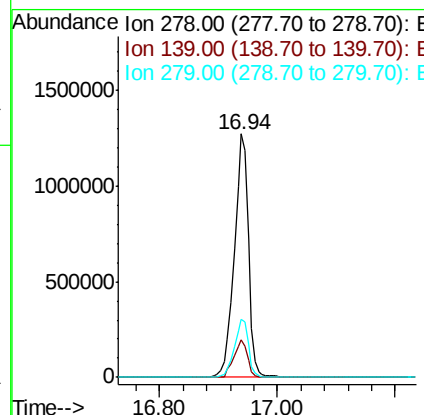
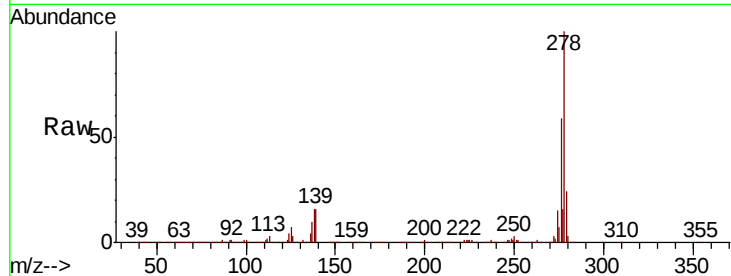
#91
Dibenzo(a,h)anthracene
Concen: 62.952 ng
RT: 16.94 min Scan# 2525
Delta R.T. -0.03 min
Lab File: BF118738.D
Acq: 29 Jan 2020 18:22

Instrument :
BNA_F
ClientSampleId :
PL-05-012820MS

Tot Ion	Ratio	Lower	Upper
278	100		
139	15.5	11.8	17.6
279	24.0	19.1	28.7

Manual Integrations
APPROVED

mohammad
1/30/2020 10:18:18 AM



#92
Benzo(g,h,i)perylene
Concen: 67.682 ng
RT: 17.37 min Scan# 2598
Delta R.T. -0.02 min
Lab File: BF118738.D
Acq: 29 Jan 2020 18:22

Tgt Ion	Ratio	Lower	Upper
276	100		
277	24.1	19.0	28.6
138	20.0	15.4	23.2

