

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF013020\
 Data File : BF118759.D
 Acq On : 30 Jan 2020 18:52
 Operator : CG/JU
 Sample : L1313-03MS
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 RBR-56MS

Manual Integrations
 APPROVED

mohammad
 2/3/2020 7:57:07 AM

Quant Time: Jan 30 22:45:42 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	6.84	152	263543	20.00	ng	-0.02
21) Naphthalene-d8	8.12	136	1009355	20.00	ng	-0.02
39) Acenaphthene-d10	9.88	164	586032	20.00	ng	-0.02
64) Phenanthrene-d10	11.36	188	1136038	20.00	ng	-0.02
76) Chrysene-d12	14.00	240	830020	20.00	ng	-0.02
87) Perylene-d12	15.46	264	867422	20.00	ng	-0.02

System Monitoring Compounds

5) 2-Fluorophenol	5.46	112	1410306	99.39	ng	-0.02
7) Phenol-d6	6.47	99	1783567	96.71	ng	-0.02
23) Nitrobenzene-d5	7.40	82	1154914	64.00	ng	-0.02
42) 2,4,6-Tribromophenol	10.67	330	701579	103.51	ng	-0.02
45) 2-Fluorobiphenyl	9.20	172	2281308	63.98	ng	-0.02
79) Terphenyl-d14	12.95	244	2867563	75.35	ng	-0.01

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.63	88	229972	33.461	ng	100
3) Pyridine	3.39	79	577844	29.830	ng	99
4) n-Nitrosodimethylamine	3.32	42	254735	30.673	ng	97
6) Aniline	6.50	93	602541	24.811	ng	100
8) 2-Chlorophenol	6.62	128	682398	42.845	ng	100
9) Benzaldehyde	6.39	77	324581	28.938	ng	98
10) Phenol	6.48	94	824883	39.246	ng	99
11) bis(2-Chloroethyl)ether	6.57	93	617078	39.571	ng	97
12) 1,3-Dichlorobenzene	6.78	146	747191	40.081	ng	98
13) 1,4-Dichlorobenzene	6.86	146	751755	40.172	ng	100
14) 1,2-Dichlorobenzene	7.01	146	701819	39.895	ng	99
15) Benzyl Alcohol	6.98	79	574054	39.249	ng	99
16) 2,2'-oxybis(1-Chloropropan	7.12	45	724872	33.372	ng	99
17) 2-Methylphenol	7.09	107	549321	41.405	ng	99
18) Hexachloroethane	7.36	117	258308	38.067	ng	95
19) n-Nitroso-di-n-propylamine	7.25	70	442096	35.500	ng	98
20) 3+4-Methylphenols	7.25	107	659602	40.722	ng	91
22) Acetophenone	7.25	105	863624	36.119	ng	96
24) Nitrobenzene	7.42	77	673161	36.432	ng	95
25) Isophorone	7.66	82	1246147	37.861	ng	99
26) 2-Nitrophenol	7.74	139	368618	46.782	ng	96
27) 2,4-Dimethylphenol	7.77	122	585030	42.997	ng	99
28) bis(2-Chloroethoxy)methane	7.87	93	775585	36.571	ng	99
29) 2,4-Dichlorophenol	7.98	162	599030	39.826	ng	99
30) 1,2,4-Trichlorobenzene	8.07	180	671616	38.510	ng	99
31) Naphthalene	8.15	128	1911960	41.933	ng	100
32) Benzoic acid	7.89	122	407072	39.864	ng	97
33) 4-Chloroaniline	8.19	127	238353	11.310	ng	98
34) Hexachlorobutadiene	8.27	225	394398	37.135	ng	99
35) Caprolactam	8.55	113	198048m	40.235	ng	
36) 4-Chloro-3-methylphenol	8.67	107	617379	41.565	ng	99
37) 2-Methylnaphthalene	8.84	142	1364926	42.410	ng	99
38) 1-Methylnaphthalene	8.94	142	1271068	41.570	ng	99
40) 1,2,4,5-Tetrachlorobenzene	9.00	216	657671	35.867	ng	99

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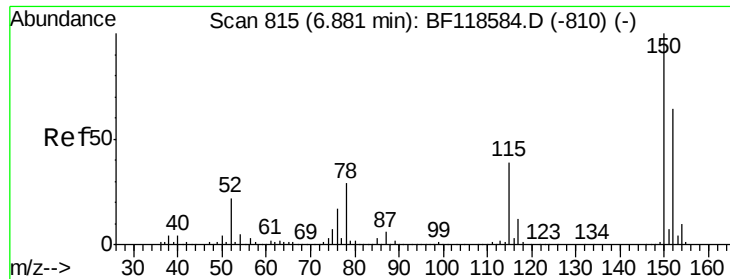
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	9.00	237	708956	76.632	nq	100
43) 2,4,6-Trichlorophenol	9.12	196	471873	38.780	nq	99
44) 2,4,5-Trichlorophenol	9.15	196	499730	40.213	nq	98
46) 1,1'-Biphenyl	9.30	154	1620149	40.113	nq	99
47) 2-Chloronaphthalene	9.33	162	1294868	38.036	nq	98
48) 2-Nitroaniline	9.42	65	361368	34.532	nq	99
49) Acenaphthylene	9.75	152	2032968	42.449	nq	99
50) Dimethylphthalate	9.60	163	1739616	45.563	nq	100
51) 2,6-Dinitrotoluene	9.66	165	372378	43.554	nq	100
52) Acenaphthene	9.92	154	1378405	43.043	nq	100
53) 3-Nitroaniline	9.82	138	190410	19.504	nq	99
54) 2,4-Dinitrophenol	9.93	184	337176	98.784	nq	# 90
55) Dibenzofuran	10.09	168	1838305	41.423	nq	99
56) 4-Nitrophenol	9.99	139	608014	82.500	nq	97
57) 2,4-Dinitrotoluene	10.06	165	501551	46.534	nq	97
58) Fluorene	10.43	166	1405416	40.339	nq	99
59) 2,3,4,6-Tetrachlorophenol	10.20	232	440007	40.256	nq	100
60) Diethylphthalate	10.30	149	1556526	42.047	nq	99
61) 4-Chlorophenyl-phenylether	10.42	204	746396	39.390	nq	97
62) 4-Nitroaniline	10.44	138	359149	35.864	nq	100
63) Azobenzene	10.58	77	1376948	38.407	nq	98
65) 4,6-Dinitro-2-methylphenol	10.47	198	266203	53.289	nq	100
66) n-Nitrosodiphenylamine	10.54	169	1329952	38.819	nq	99
67) 4-Bromophenyl-phenylether	10.91	248	529372	37.717	nq	98
68) Hexachlorobenzene	10.98	284	587598	36.927	nq	99
69) Atrazine	11.06	200	503751	42.422	nq	99
70) Pentachlorophenol	11.17	266	626837	70.853	nq	99
71) Phenanthrene	11.39	178	2237999	40.834	nq	100
72) Anthracene	11.45	178	2244751	41.392	nq	99
73) Carbazole	11.59	167	1978668	39.778	nq	100
74) Di-n-butylphthalate	11.93	149	2464703	44.597	nq	100
75) Fluoranthene	12.58	202	2530453	43.775	nq	99
77) Benzidine	12.69	184	1241612	55.985	nq	99
78) Pyrene	12.81	202	2513519	44.605	nq	99
80) Butylbenzylphthalate	13.43	149	1102139	47.790	nq	99
81) Benzo(a)anthracene	14.00	228	2036098	40.779	nq	99
82) 3,3'-Dichlorobenzidine	13.95	252	421497	23.691	nq	97
83) Chrysene	14.03	228	2088676	43.648	nq	99
84) Bis(2-ethylhexyl)phthalate	13.99	149	1524697	54.114	nq	99
85) Di-n-octyl phthalate	14.60	149	2500961	59.967	nq	100
86) Indeno(1,2,3-cd)pyrene	16.93	276	2275647	54.730	nq	100
88) Benzo(b)fluoranthene	15.04	252	2229925	40.898	nq	100
89) Benzo(k)fluoranthene	15.07	252	1823405	36.097	nq	100
90) Benzo(a)pyrene	15.40	252	1836978	39.056	nq	99
91) Dibenzo(a,h)anthracene	16.94	278	1867909	44.897	nq	99
92) Benzo(g,h,i)perylene	17.36	276	1939615	48.016	nq	98

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



#1

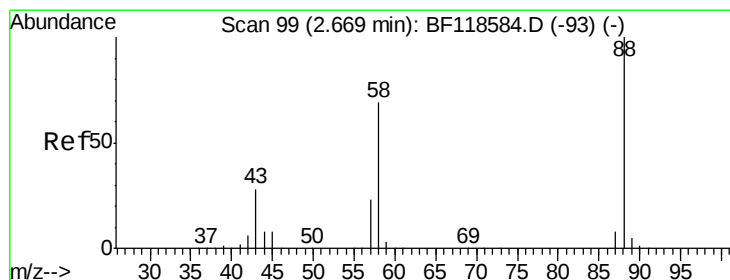
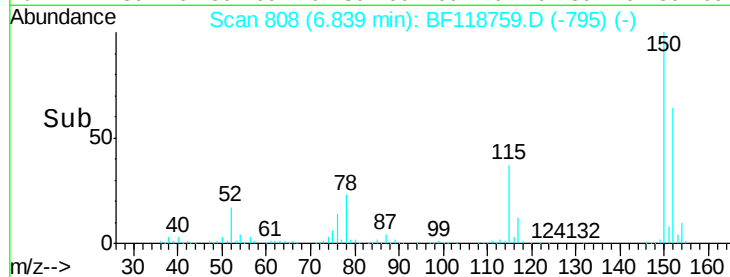
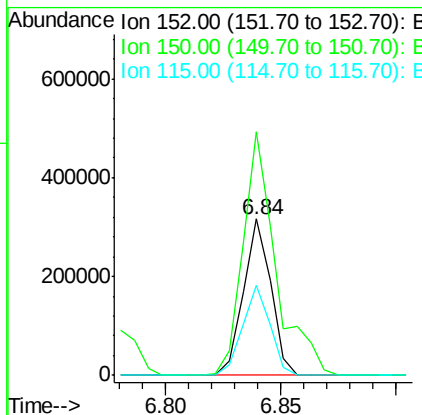
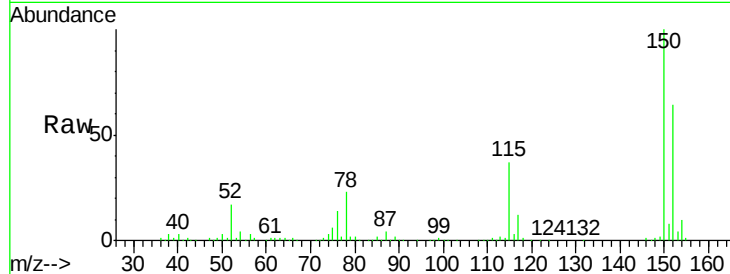
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.84 min Scan# 808
Delta R.T. -0.02 min
Lab File: BF118759.D
Acq: 30 Jan 2020 18:52

Instrument :
BNA_F
ClientSampleId :
RBR-56MS

Tot Ion	Ratio	Lower	Upper
152	100		
150	155.9	123.7	185.5
115	57.9	45.1	67.7

Manual Integrations
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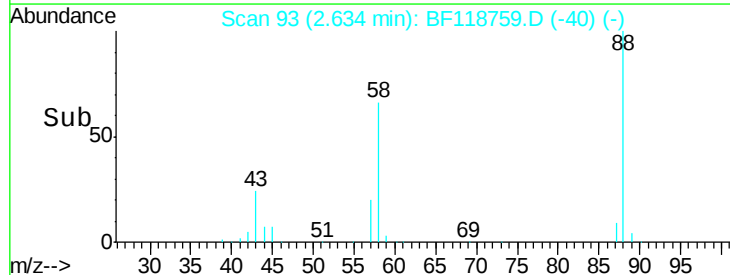
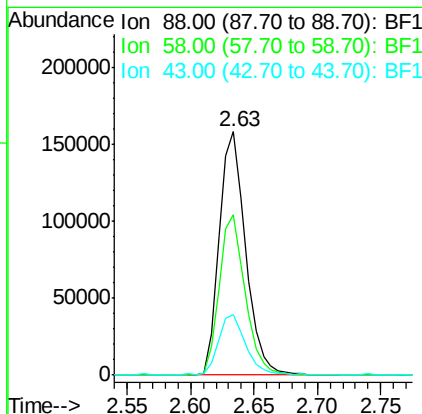
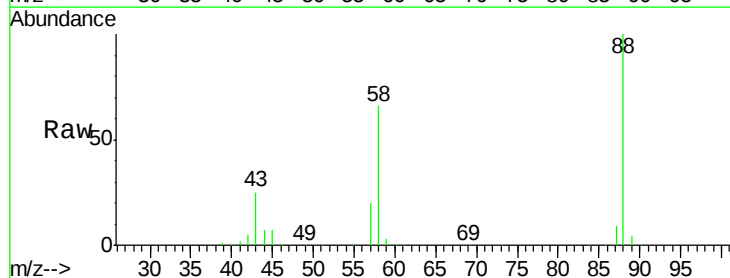
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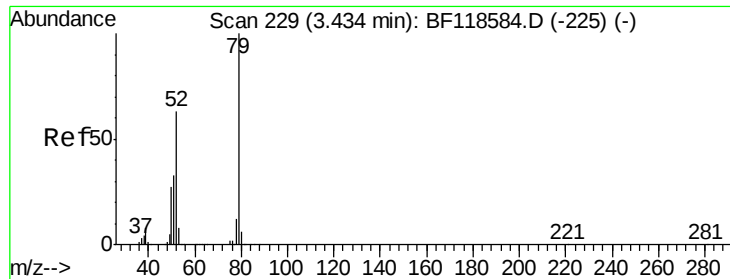


#2

1,4-Dioxane
Concen: 33.461 ng
RT: 2.63 min Scan# 93
Delta R.T. 0.01 min
Lab File: BF118759.D
Acq: 30 Jan 2020 18:52

Tgt Ion	Ratio	Lower	Upper
88	100		
58	64.7	51.9	77.9
43	24.6	19.3	28.9





#3

Pvridine

Concen: 29.830 ng

RT: 3.39 min Scan# 221

Delta R.T. 0.01 min

Lab File: BF118759.D

Acq: 30 Jan 2020 18:52

Instrument :

BNA_F

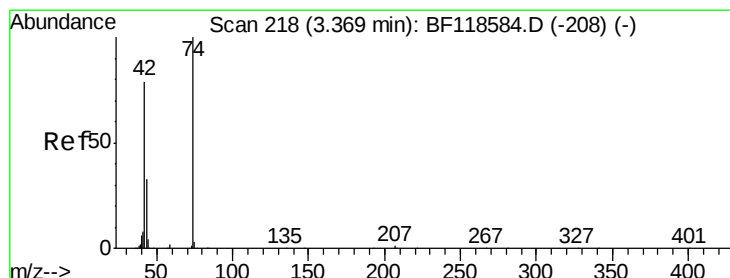
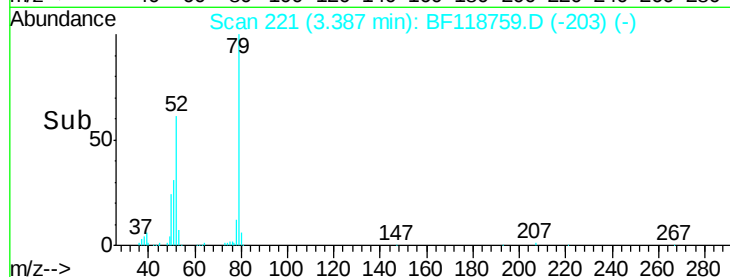
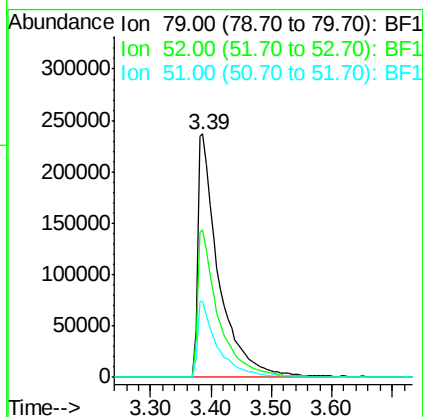
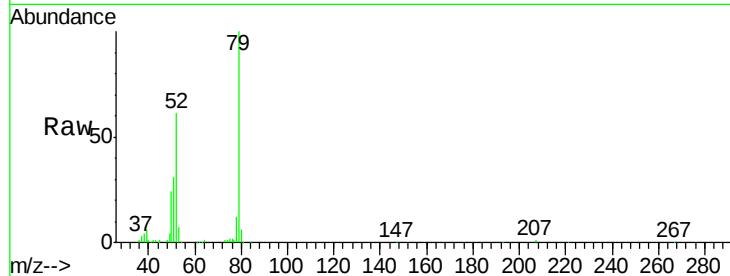
ClientSampleId :

RBR-56MS

Tot Ion:	79	Resp:	577844
Ion	Ratio	Lower	Upper
79	100		
52	60.6	48.8	73.2
51	31.0	24.4	36.6

Manual Integrations
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#4

n-Nitrosodimethylamine

Concen: 30.673 ng

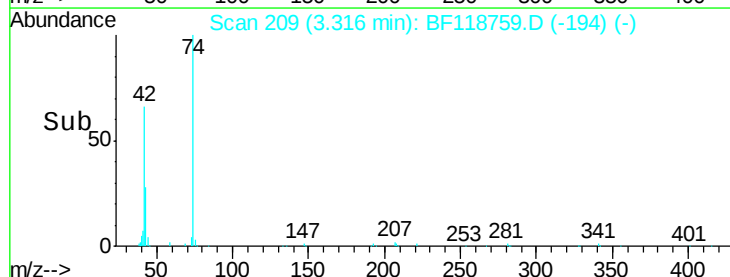
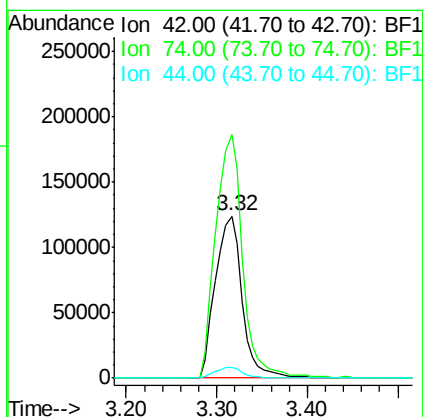
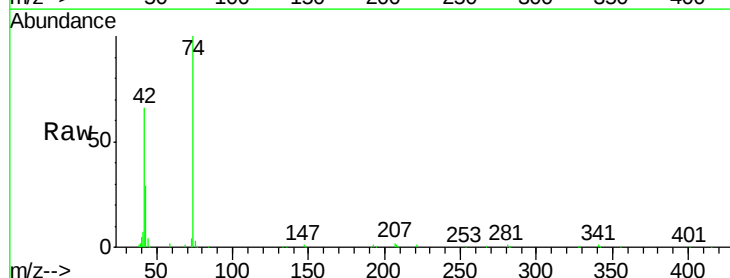
RT: 3.32 min Scan# 209

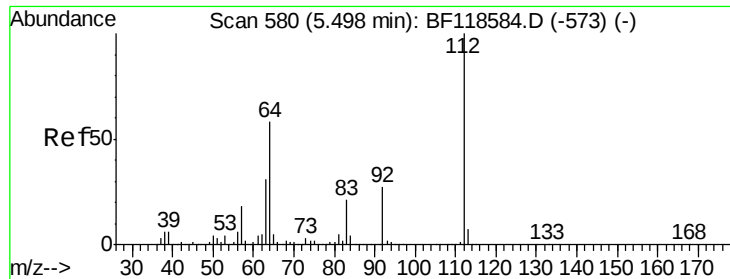
Delta R.T. -0.01 min

Lab File: BF118759.D

Acq: 30 Jan 2020 18:52

Tgt Ion:	42	Resp:	254735
Ion	Ratio	Lower	Upper
42	100		
74	150.6	123.5	185.3
44	6.5	5.6	8.4





#5

2-Fluorophenol

Concen: 99.388 ng

RT: 5.46 min Scan# 574

Delta R.T. -0.02 min

Lab File: BF118759.D

Acq: 30 Jan 2020 18:52

Instrument :

BNA_F

ClientSampleId :

RBR-56MS

Tot Ion: 112 Resp: 1410306

Ion Ratio Lower Upper

112 100

64 54.8 42.4 63.6

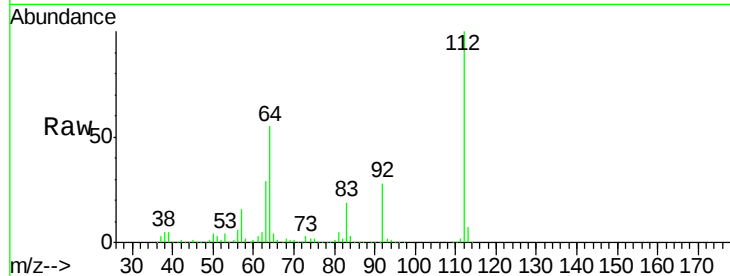
63 28.9 21.7 32.5

Manual Integrations

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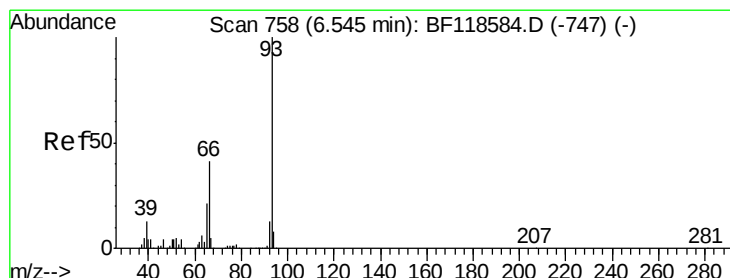
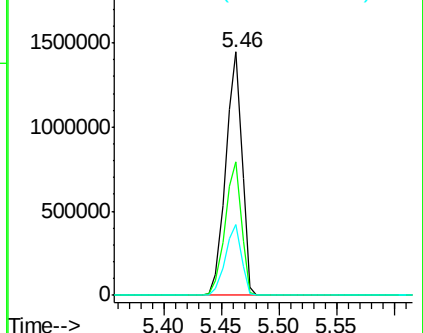
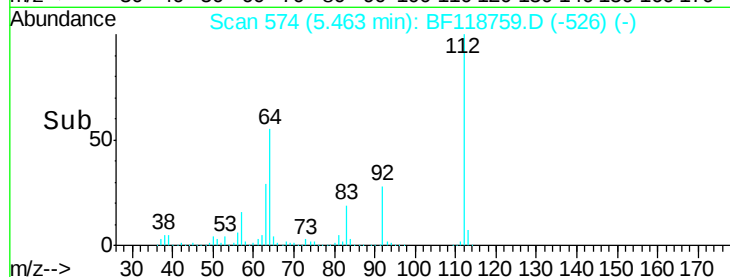
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Abundance Ion 112.00 (111.70 to 112.70): BF118759.D (-526) (-)

Ion 64.00 (63.70 to 64.70): BF118759.D (-526) (-)

Ion 63.00 (62.70 to 63.70): BF118759.D (-526) (-)



#6

Aniline

Concen: 24.811 ng

RT: 6.50 min Scan# 750

Delta R.T. -0.02 min

Lab File: BF118759.D

Acq: 30 Jan 2020 18:52

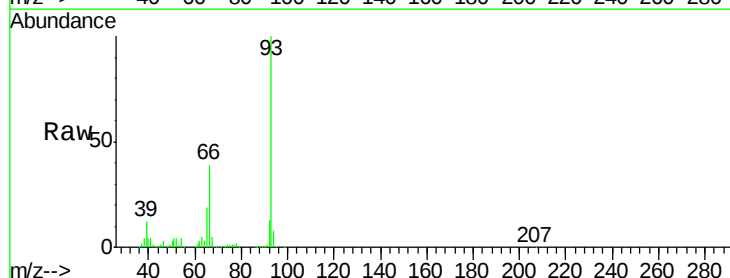
Tgt Ion: 93 Resp: 602541

Ion Ratio Lower Upper

93 100

66 39.3 31.3 46.9

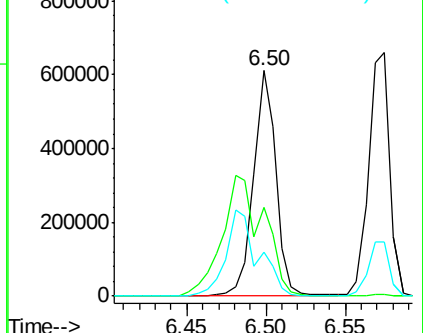
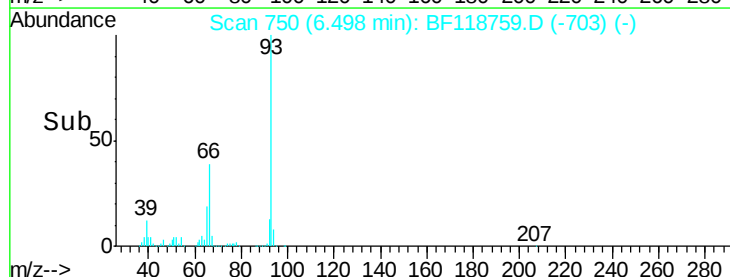
65 19.4 15.3 22.9

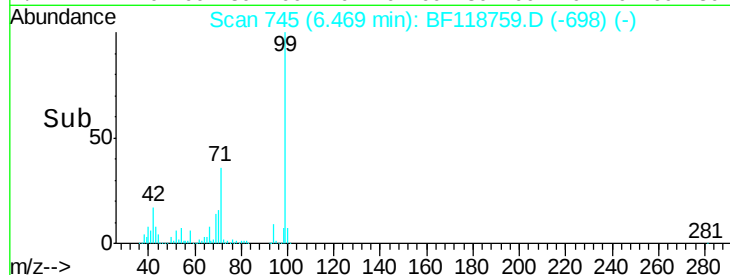
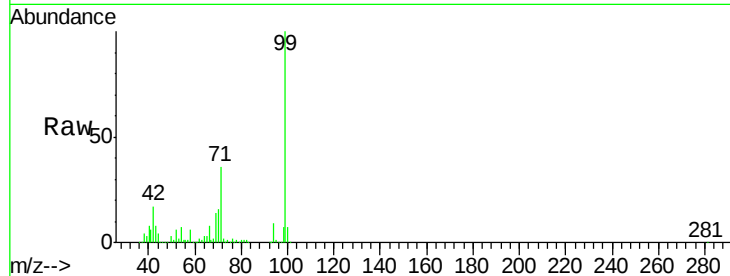
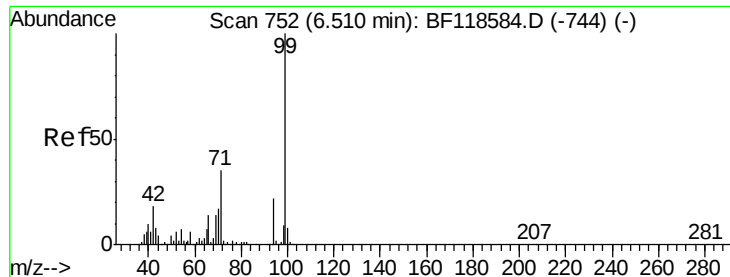


Abundance Ion 93.00 (92.70 to 93.70): BF118759.D (-703) (-)

Ion 66.00 (65.70 to 66.70): BF118759.D (-703) (-)

Ion 65.00 (64.70 to 65.70): BF118759.D (-703) (-)





#7

Phenol-d6

Concen: 96.706 ng

RT: 6.47 min Scan# 745

Delta R.T. -0.02 min

Lab File: BF118759.D

Acq: 30 Jan 2020 18:52

Tot Ion:	99	Resp:	1783567
Ion	Ratio	Lower	Upper
99	100		
42	17.0	13.1	19.7
71	36.2	28.4	42.6

Instrument :

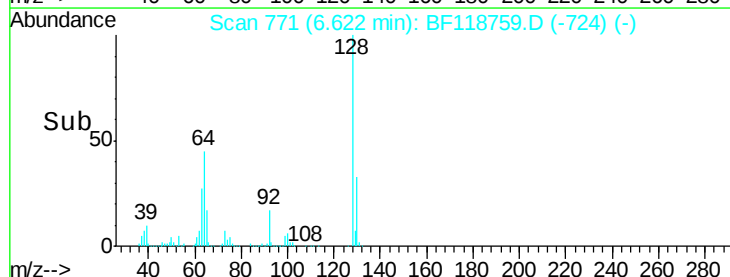
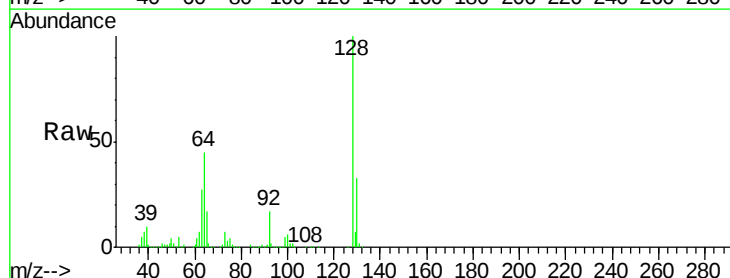
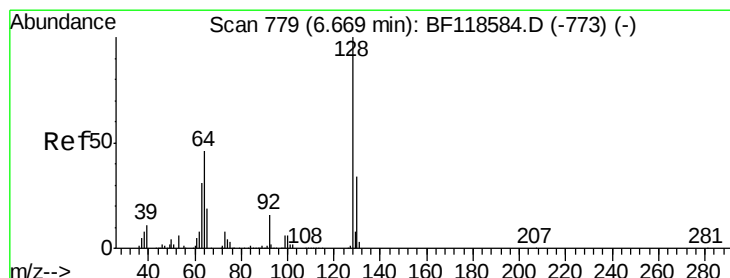
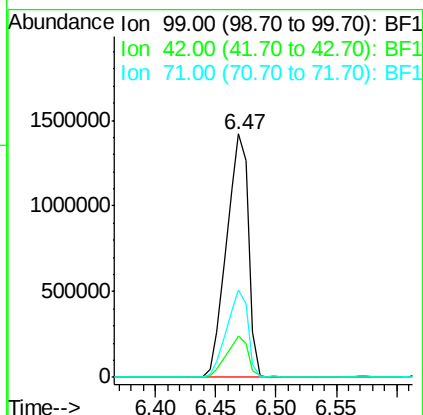
BNA_F

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#8

2-Chlorophenol

Concen: 42.845 ng

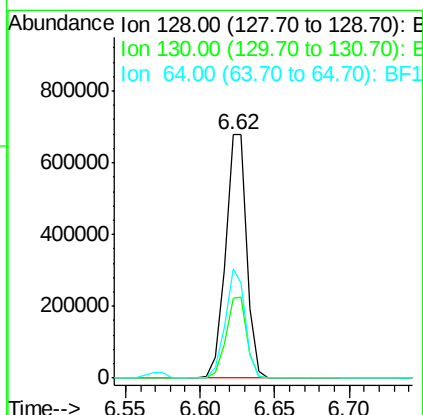
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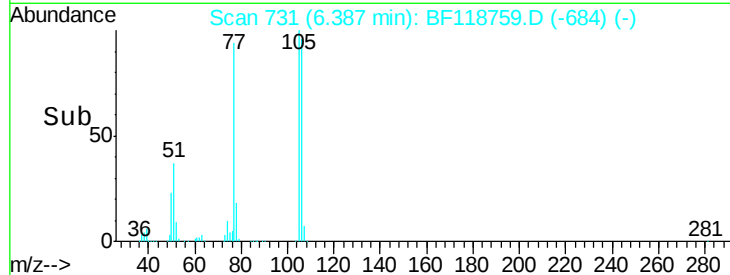
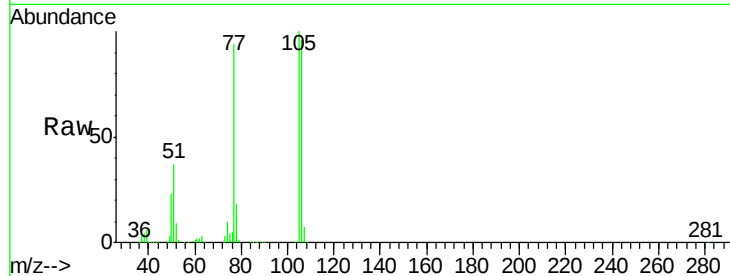
Delta R.T. -0.02 min

Lab File: BF118759.D

Acq: 30 Jan 2020 18:52

Tgt Ion:	128	Resp:	682398
Ion	Ratio	Lower	Upper
128	100		
130	32.8	12.8	52.8
64	44.6	24.5	64.5





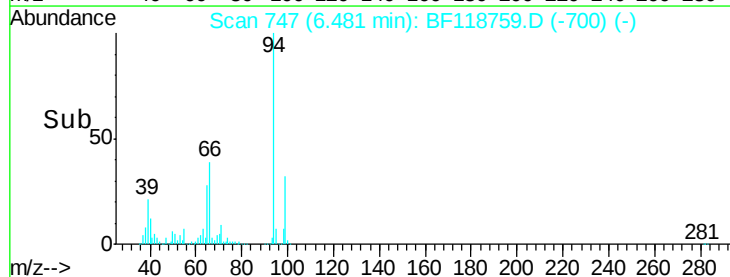
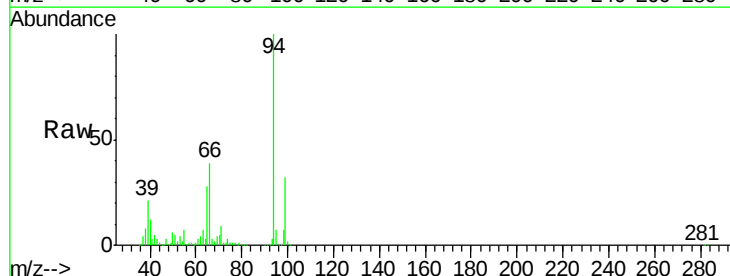
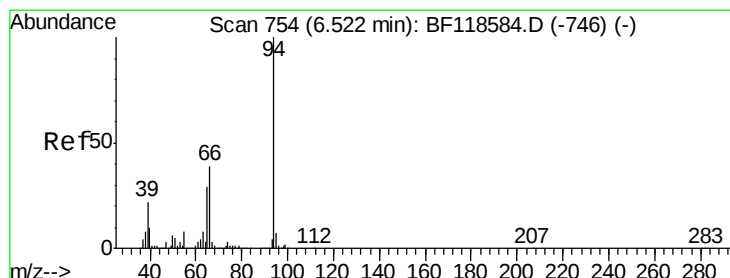
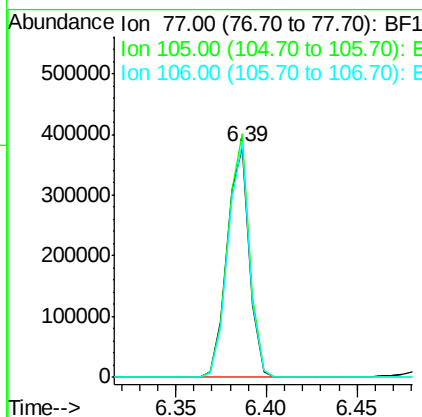
#9
Benzaldehyde
Concen: 28.938 ng
RT: 6.39 min Scan# 731
Delta R.T. -0.02 min
Lab File: BF118759.D
Acq: 30 Jan 2020 18:52

Tot Ion	Ion	Ratio	Resp	Lower	Upper
77	100				
105	106.1	84.3	124.3		
106	102.2	80.4	120.4		

Instrument :
BNA_F
ClientSampled :
RBR-56MS

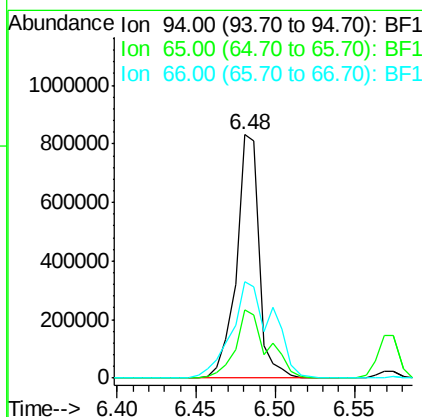
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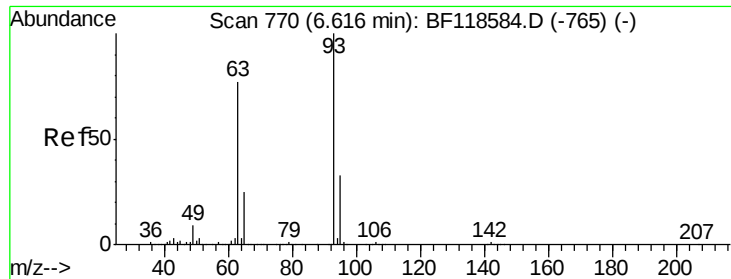
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#10
Phenol
Concen: 39.246 ng
RT: 6.48 min Scan# 747
Delta R.T. -0.02 min
Lab File: BF118759.D
Acq: 30 Jan 2020 18:52

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
94	100				
65	28.2	7.9	47.9		
66	39.4	19.1	59.1		





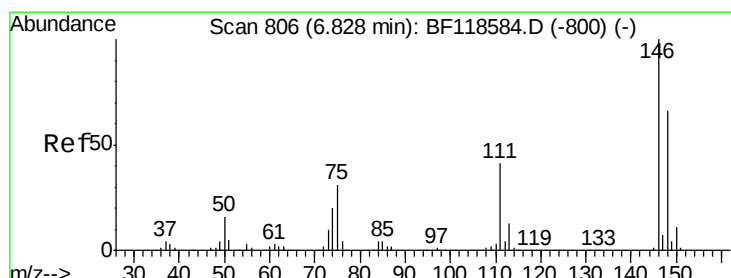
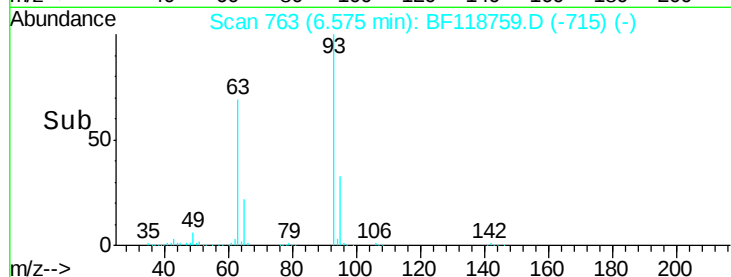
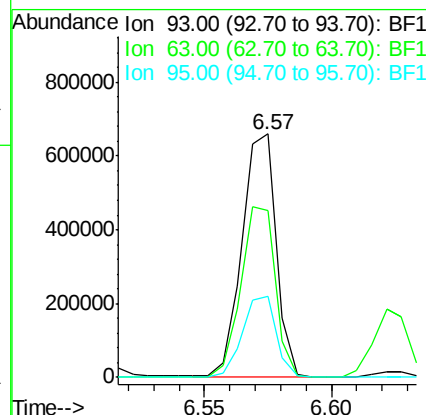
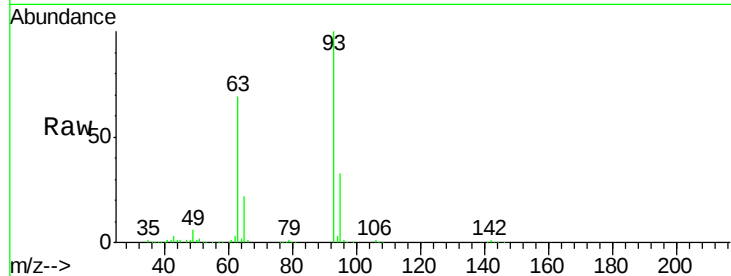
#11
bis(2-Chloroethyl)ether
Concen: 39.571 ng
RT: 6.57 min Scan# 763
Delta R.T. -0.02 min
Lab File: BF118759.D
Acq: 30 Jan 2020 18:52

Instrument :
BNA_F
ClientSampleId :
RBR-56MS

Tot Ion	Ratio	Resp	Lower	Upper
93	100	617078		
63	68.7	52.1	92.1	
95	33.4	13.2	53.2	

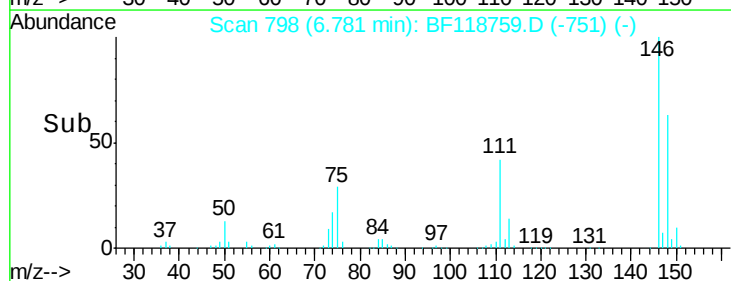
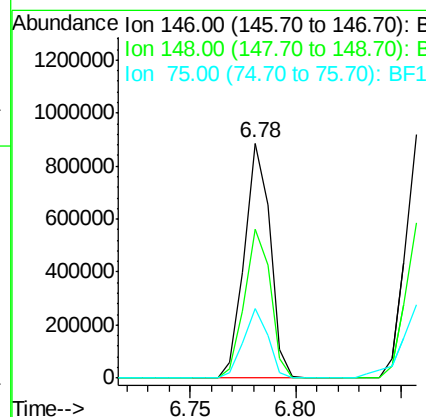
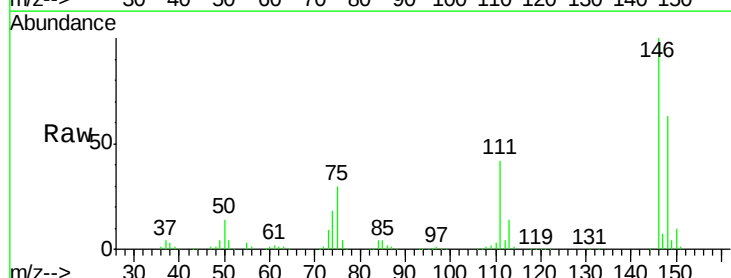
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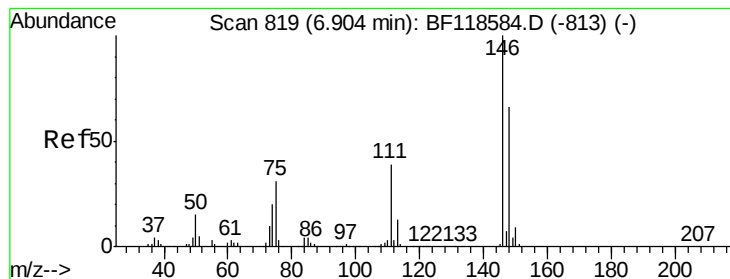
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#12
1,3-Dichlorobenzene
Concen: 40.081 ng
RT: 6.78 min Scan# 798
Delta R.T. -0.02 min
Lab File: BF118759.D
Acq: 30 Jan 2020 18:52

Tgt Ion	Ratio	Resp	Lower	Upper
146	100	747191		
148	63.3	52.2	78.4	
75	29.5	23.1	34.7	





#13

1,4-Dichlorobenzene

Concen: 40.172 ng

RT: 6.86 min Scan# 811

Delta R.T. -0.02 min

Lab File: BF118759.D

Acq: 30 Jan 2020 18:52

Instrument :

BNA_F

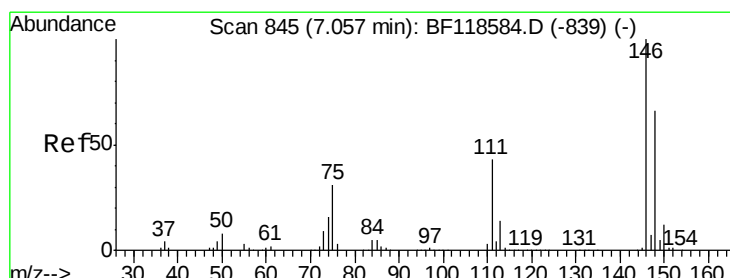
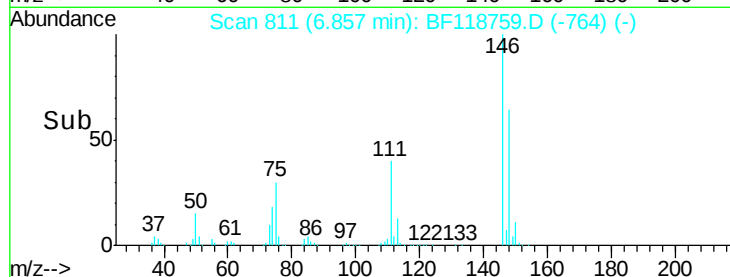
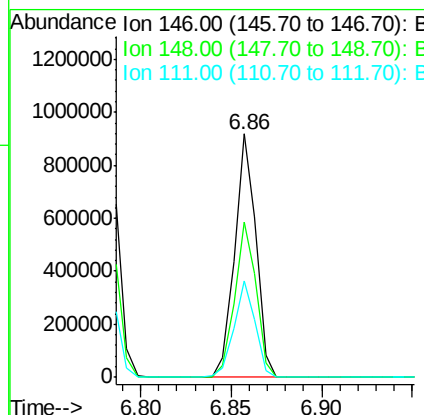
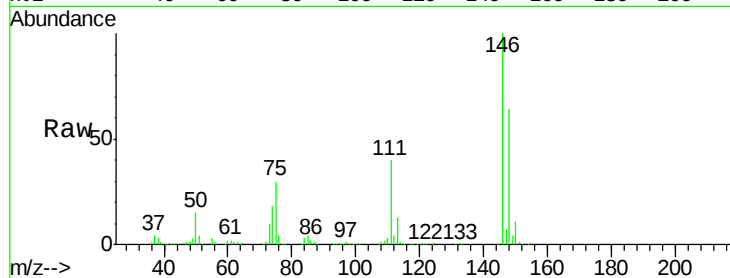
ClientSampleId :

RBR-56MS

Tot Ion:	146	Resp:	751755
Ion Ratio	Lower	Upper	
146	100		
148	63.9	51.5	77.3
111	39.8	31.8	47.6

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#14

1,2-Dichlorobenzene

Concen: 39.895 ng

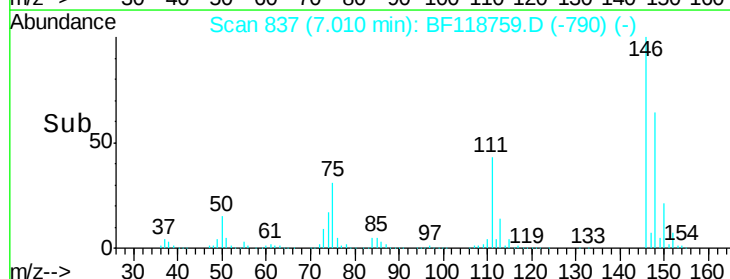
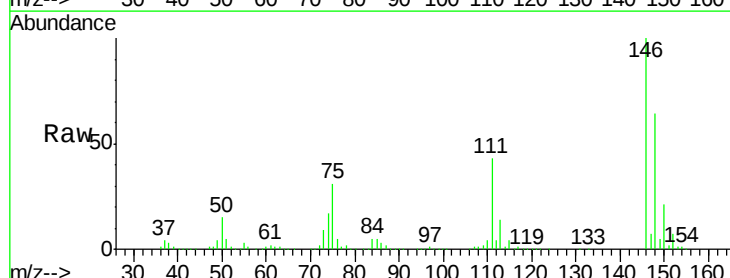
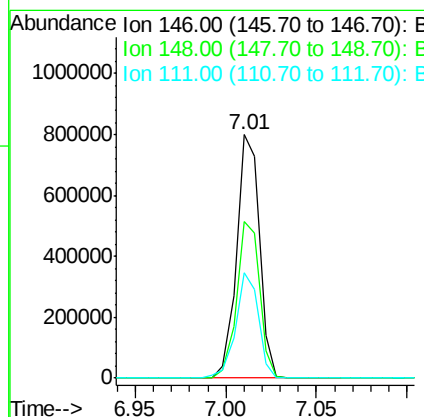
RT: 7.01 min Scan# 837

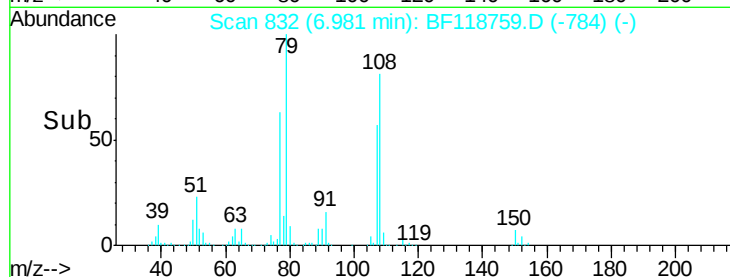
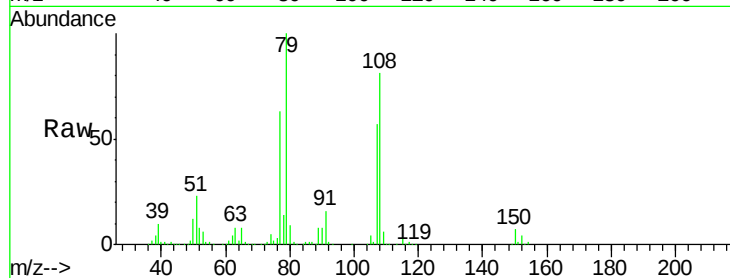
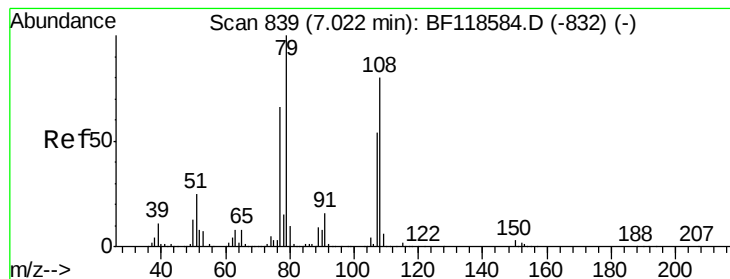
Delta R.T. -0.02 min

Lab File: BF118759.D

Acq: 30 Jan 2020 18:52

Tgt Ion:	146	Resp:	701819
Ion Ratio	Lower	Upper	
146	100		
148	64.1	51.7	77.5
111	43.5	35.3	52.9





#15

Benzyl Alcohol

Concen: 39.249 ng

RT: 6.98 min Scan# 832

Delta R.T. -0.02 min

Lab File: BF118759.D

Acq: 30 Jan 2020 18:52

Tot Ion:	79	Resp:	574054
Ion Ratio	Lower	Upper	
79	100		
108	81.0	63.4	95.2
77	62.9	49.8	74.6

Instrument :

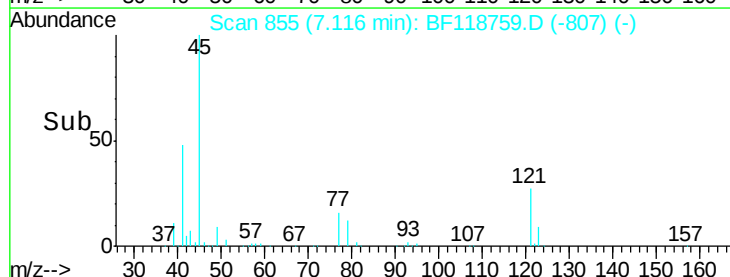
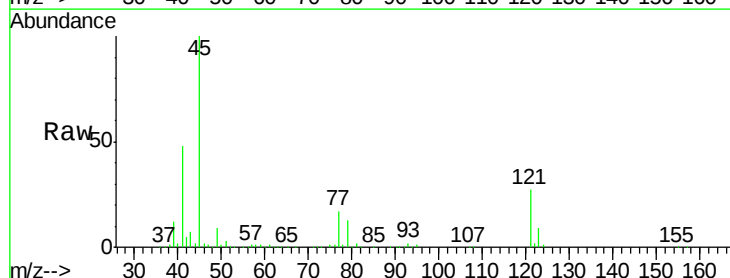
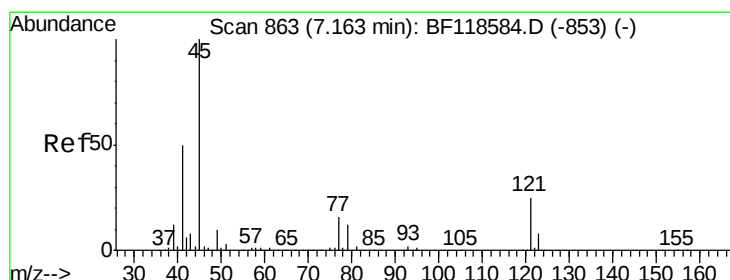
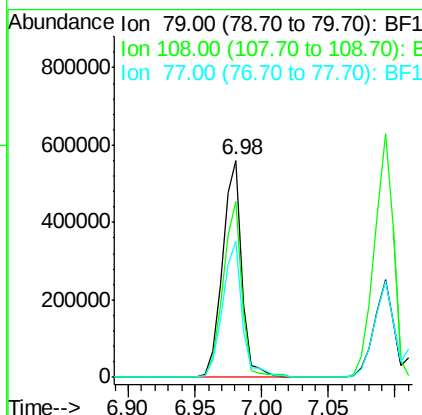
BNA_F

ClientSampleId :

RBR-56MS

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#16

2,2'-oxybis(1-Chloropropane)

Concen: 33.372 ng

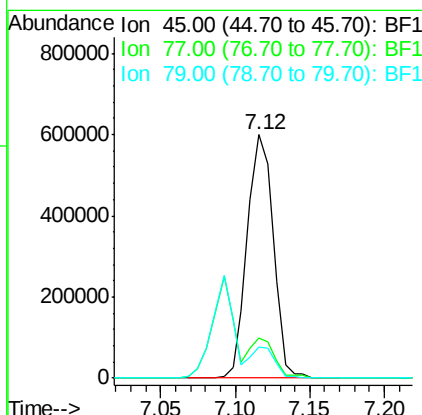
RT: 7.12 min Scan# 855

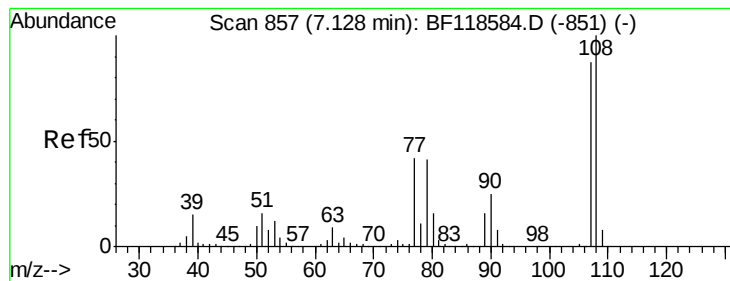
Delta R.T. -0.02 min

Lab File: BF118759.D

Acq: 30 Jan 2020 18:52

Tgt Ion:	45	Resp:	724872
Ion Ratio	Lower	Upper	
45	100		
77	16.7	0.0	36.9
79	12.9	0.0	32.5





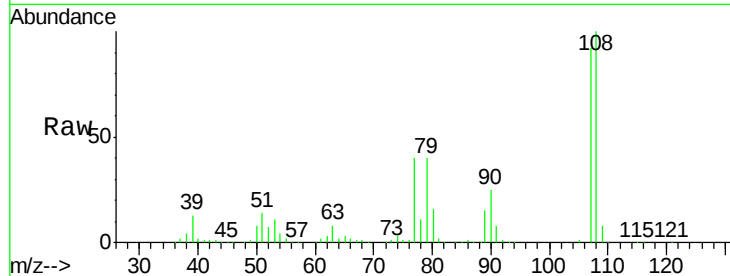
#17
2-Methylphenol
Concen: 41.405 ng
RT: 7.09 min Scan# 851
Delta R.T. -0.02 min
Lab File: BF118759.D
Acq: 30 Jan 2020 18:52

Instrument :
BNA_F
ClientSampled :
RBR-56MS

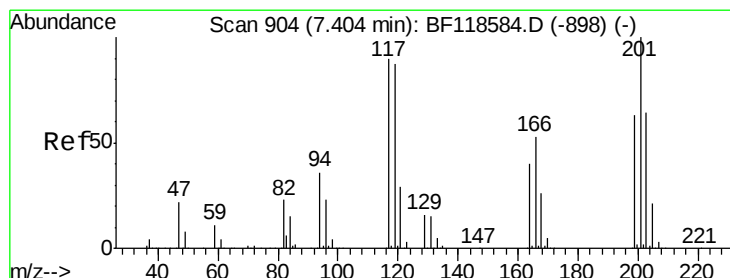
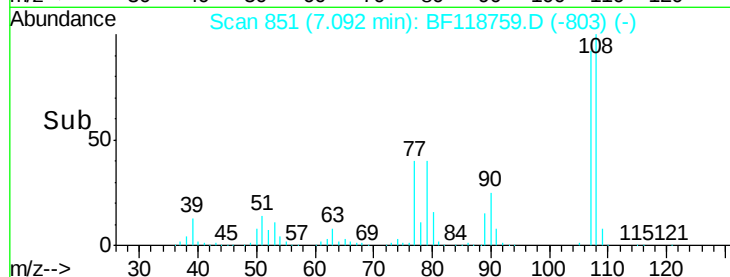
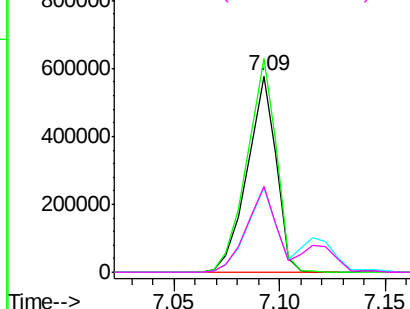
Tot Ion	Ratio	Resp	Lower	Upper
107	100			
108	108.8	88.0	132.0	
77	43.1	35.3	52.9	
79	43.9	35.4	53.2	

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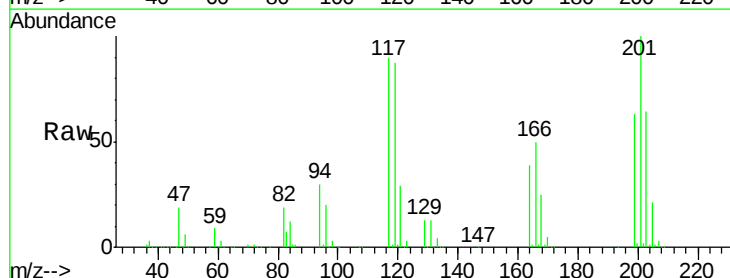


Abundance Ion 107.00 (106.70 to 107.70): E
Ion 108.00 (107.70 to 108.70): E
Ion 77.00 (76.70 to 77.70): BF1
Ion 79.00 (78.70 to 79.70): BF1

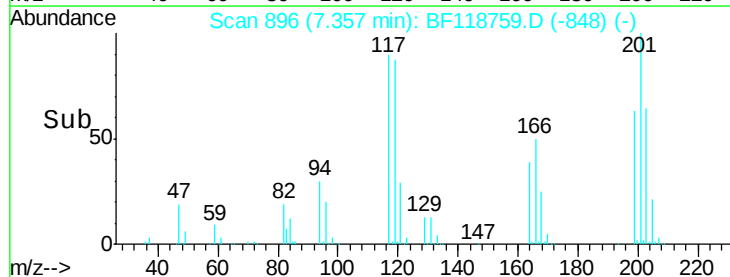
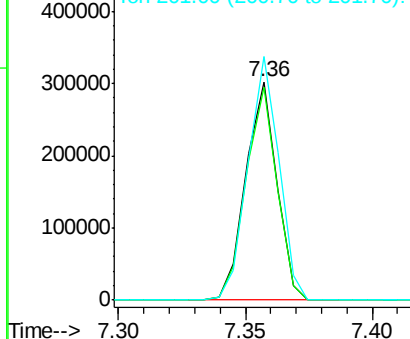


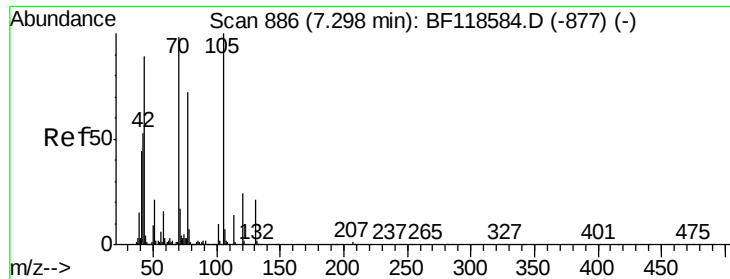
#18
Hexachloroethane
Concen: 38.067 ng
RT: 7.36 min Scan# 896
Delta R.T. -0.02 min
Lab File: BF118759.D
Acq: 30 Jan 2020 18:52

Tgt Ion	Ratio	Resp	Lower	Upper
117	100			
119	97.3	76.2	114.2	
201	111.4	83.3	124.9	



Abundance Ion 117.00 (116.70 to 117.70): E
Ion 119.00 (118.70 to 119.70): E
Ion 201.00 (200.70 to 201.70): E





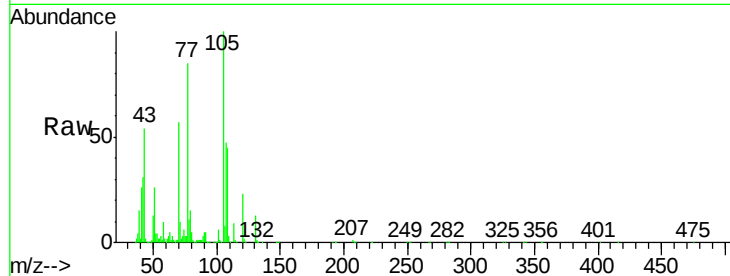
#19
n-Nitroso-di-n-propylamine
Concen: 35.500 ng
RT: 7.25 min Scan# 878
Delta R.T. -0.02 min
Lab File: BF118759.D
Acq: 30 Jan 2020 18:52

Instrument :
BNA_F
ClientSampleId :
RBR-56MS

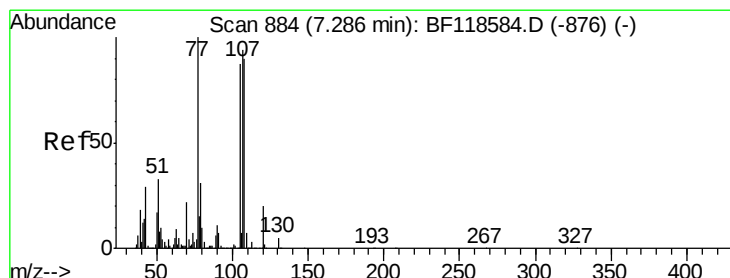
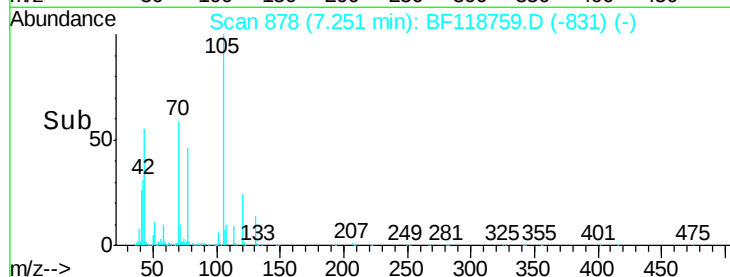
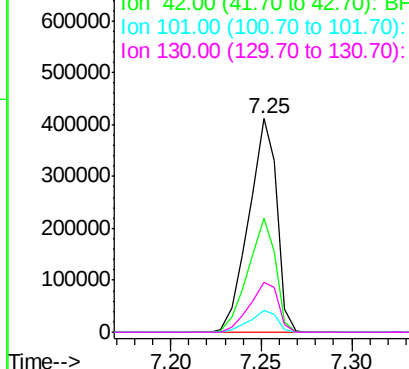
Tot Ion	Ion	Ratio	Resp	Lower	Upper
70	100		442096		
42	53.6	41.6	62.4		
101	10.3	7.9	11.9		
130	23.4	19.0	28.6		

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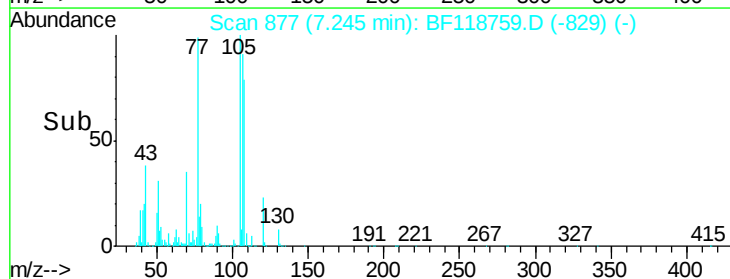
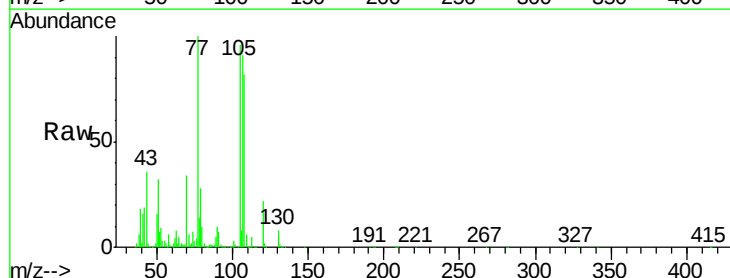
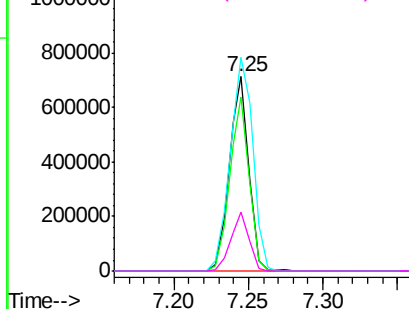
Abundance Ion 70.00 (69.70 to 70.70): BF1
Ion 42.00 (41.70 to 42.70): BF1
Ion 101.00 (100.70 to 101.70): E
Ion 130.00 (129.70 to 130.70): E

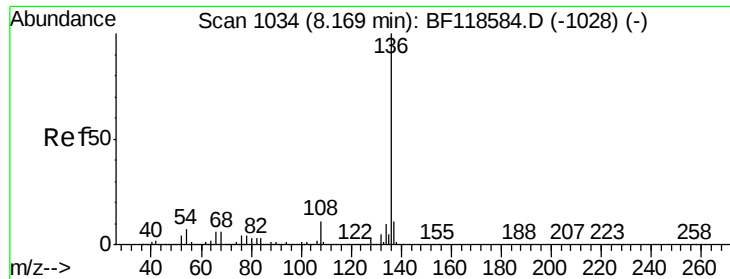


#20
3+4-Methylphenols
Concen: 40.722 ng
RT: 7.25 min Scan# 877
Delta R.T. -0.02 min
Lab File: BF118759.D
Acq: 30 Jan 2020 18:52

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
107	100		659602		
108	89.9	67.5	107.5		
77	110.0	73.6	113.6		
79	30.6	9.3	49.3		

Abundance Ion 107.00 (106.70 to 107.70): E
Ion 108.00 (107.70 to 108.70): E
Ion 77.00 (76.70 to 77.70): BF1
Ion 79.00 (78.70 to 79.70): BF1





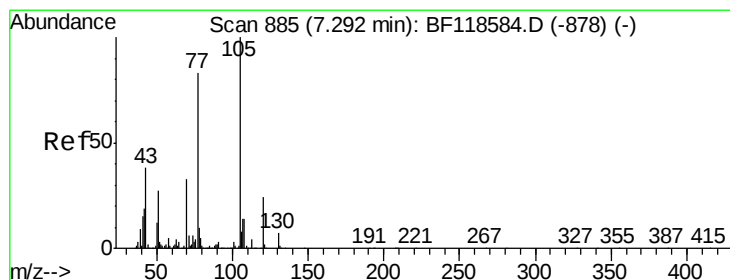
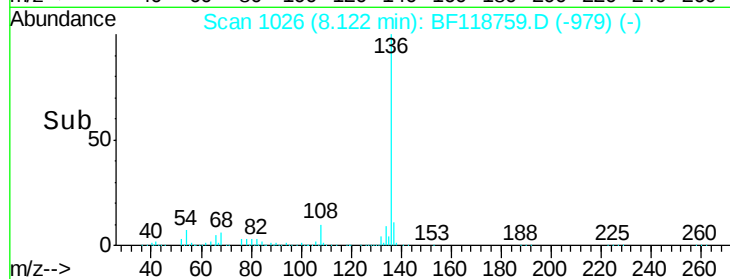
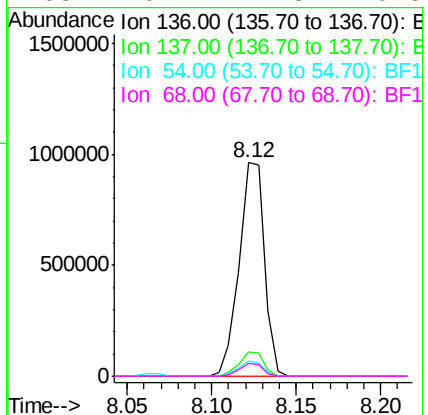
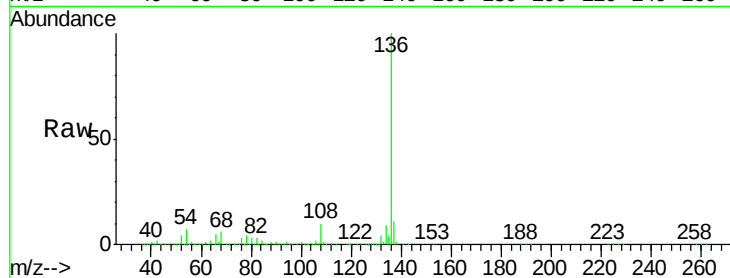
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.12 min Scan# 1026
Delta R.T. -0.02 min
Lab File: BF118759.D
Acq: 30 Jan 2020 18:52

Instrument :
BNA_F
ClientSampleId :
RBR-56MS

Tot Ion	Ratio	Resp	Lower	Upper
136	100	1009355		
137	11.3		8.9	13.3
54	7.0		5.1	7.7
68	6.1		4.3	6.5

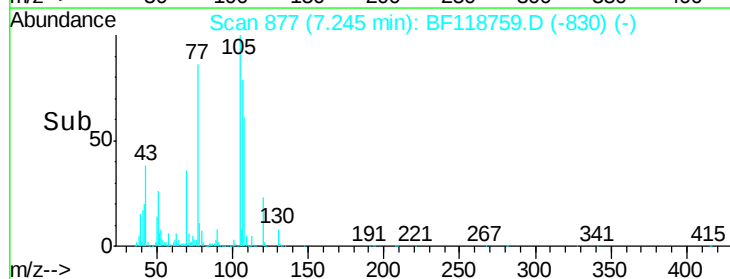
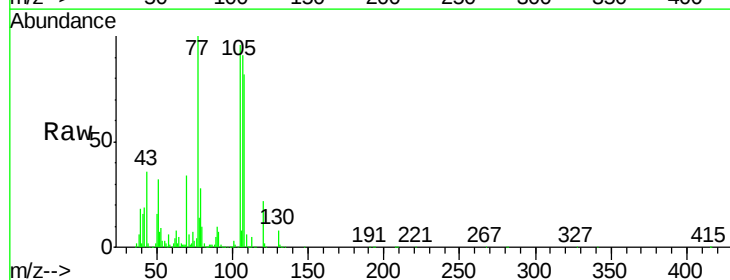
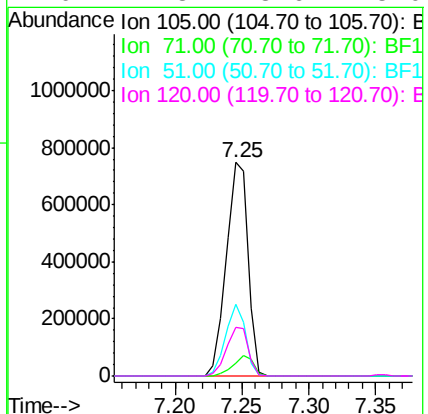
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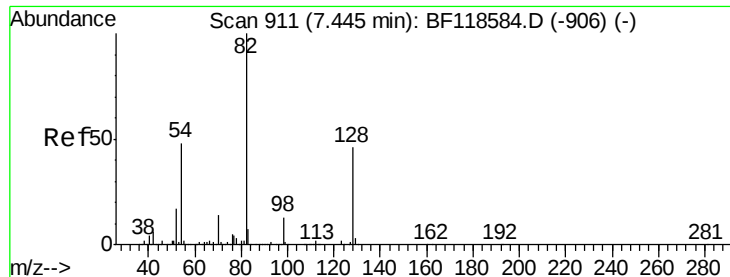
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#22
Acetophenone
Concen: 36.119 ng
RT: 7.25 min Scan# 877
Delta R.T. -0.02 min
Lab File: BF118759.D
Acq: 30 Jan 2020 18:52

Tgt Ion	Ratio	Resp	Lower	Upper
105	100	863624		
71	5.9		4.3	6.5
51	33.3		23.5	35.3
120	22.8		18.6	28.0





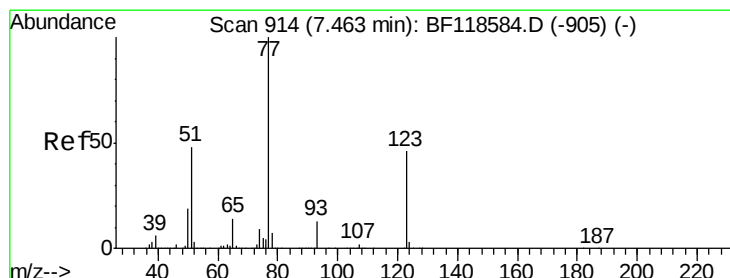
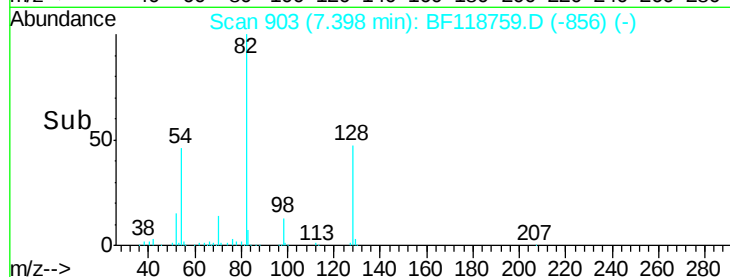
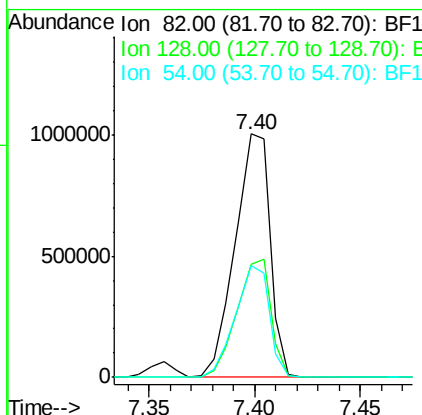
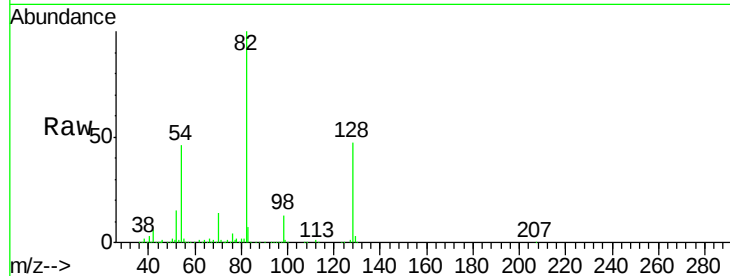
#23
Nitrobenzene-d5
Concen: 64.000 ng
RT: 7.40 min Scan# 903
Delta R.T. -0.02 min
Lab File: BF118759.D
Acq: 30 Jan 2020 18:52

Instrument :
BNA_F
ClientSampled :
RBR-56MS

Tot Ion	Ratio	Lower	Upper
82	100		
128	46.6	38.2	57.2
54	45.7	36.1	54.1

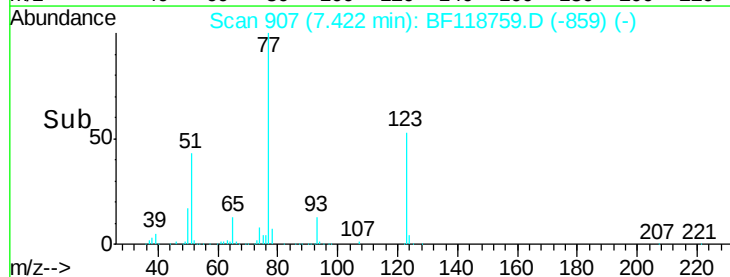
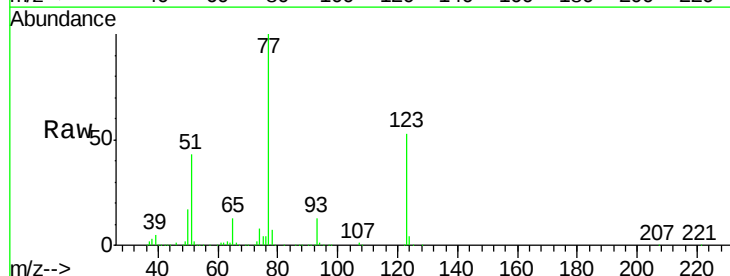
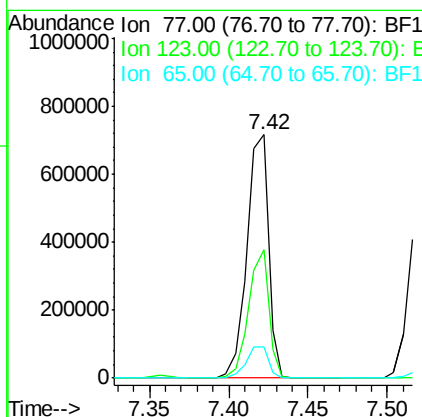
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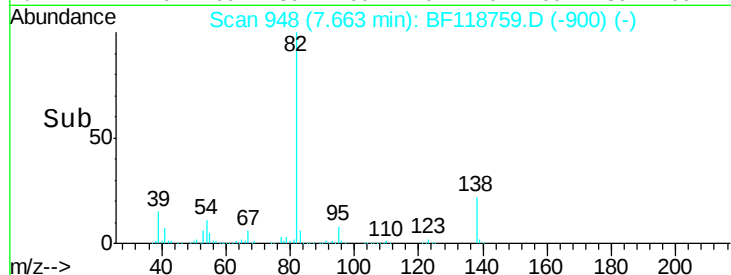
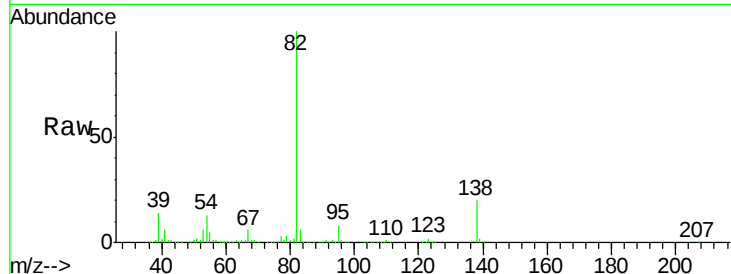
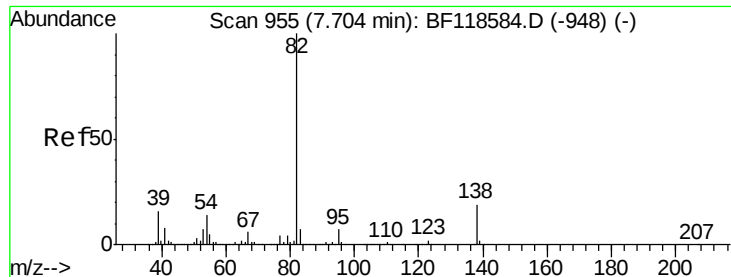
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#24
Nitrobenzene
Concen: 36.432 ng
RT: 7.42 min Scan# 907
Delta R.T. -0.02 min
Lab File: BF118759.D
Acq: 30 Jan 2020 18:52

Tgt Ion	Ratio	Lower	Upper
77	100		
123	52.8	39.2	58.8
65	13.0	10.6	15.8





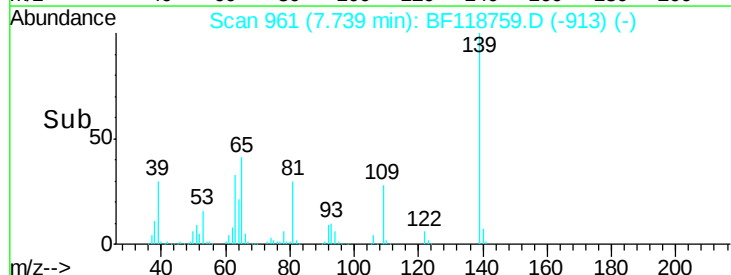
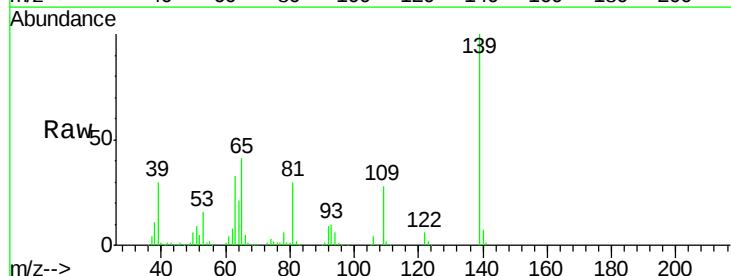
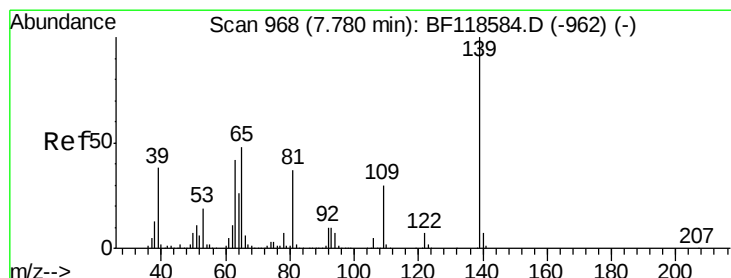
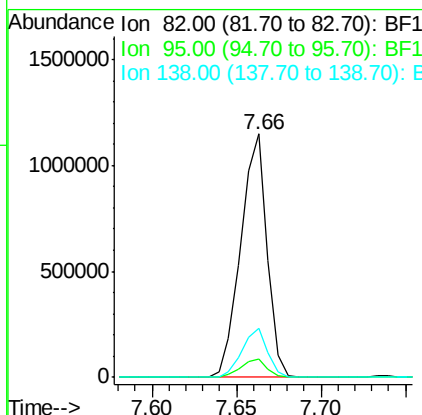
#25
Isophorone
Concen: 37.861 ng
RT: 7.66 min Scan# 948
Delta R.T. -0.02 min
Lab File: BF118759.D
Acq: 30 Jan 2020 18:52

Tot Ion: 82 Resp: 1246147
Ion Ratio Lower Upper
82 100
95 7.5 5.8 8.8
138 20.4 15.8 23.8

Instrument :
BNA_F
ClientSampleId :
RBR-56MS

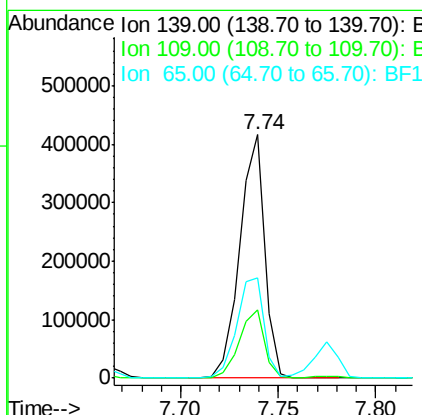
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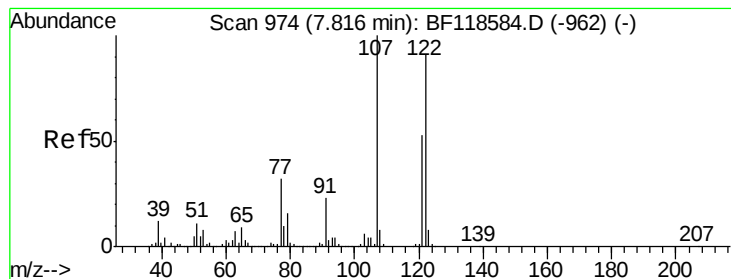
mohammad
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#26
2-Nitrophenol
Concen: 46.782 ng
RT: 7.74 min Scan# 961
Delta R.T. -0.02 min
Lab File: BF118759.D
Acq: 30 Jan 2020 18:52

Tgt Ion: 139 Resp: 368618
Ion Ratio Lower Upper
139 100
109 27.9 23.1 34.7
65 41.0 35.2 52.8





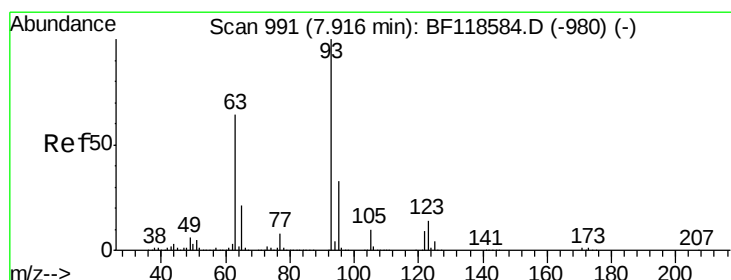
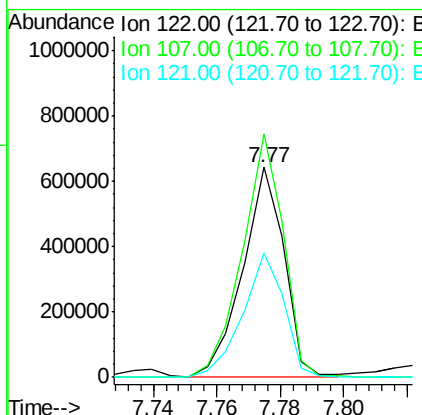
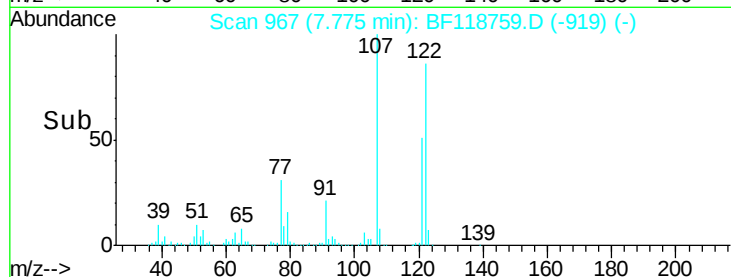
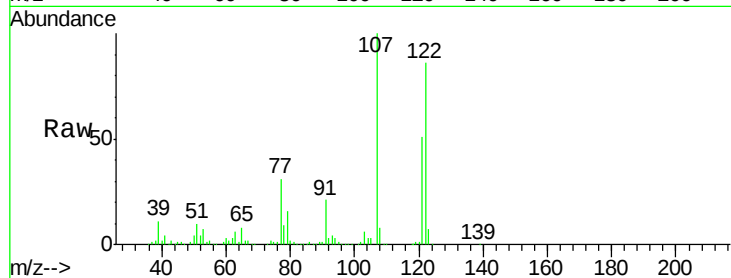
#27
 2,4-Dimethylphenol
 Concen: 42.997 ng
 RT: 7.77 min Scan# 967
 Delta R.T. -0.02 min
 Lab File: BF118759.D
 Acq: 30 Jan 2020 18:52

Instrument :
 BNA_F
 ClientSampleID :
 RBR-56MS

Tot Ion	Ratio	Lower	Upper
122	100		
107	116.0	91.8	137.8
121	59.3	46.8	70.2

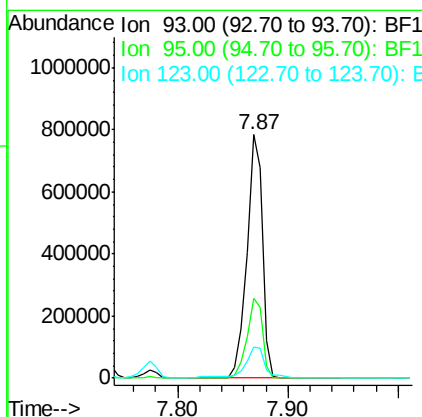
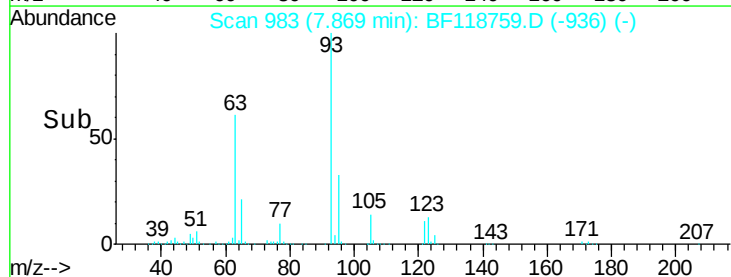
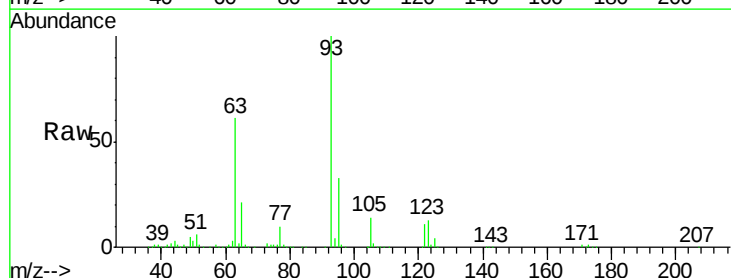
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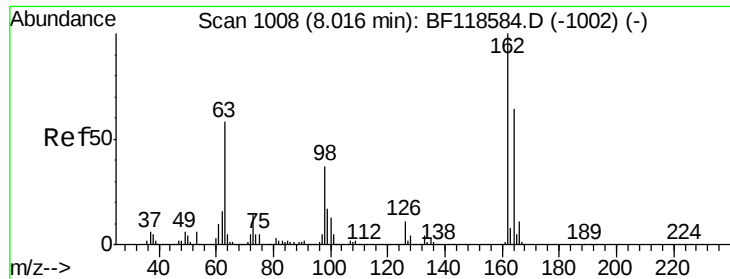
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#28
 bis(2-Chloroethoxy)methane
 Concen: 36.571 ng
 RT: 7.87 min Scan# 983
 Delta R.T. -0.02 min
 Lab File: BF118759.D
 Acq: 30 Jan 2020 18:52

Tgt Ion	Ratio	Lower	Upper
93	100		
95	32.9	26.8	40.2
123	12.6	10.7	16.1





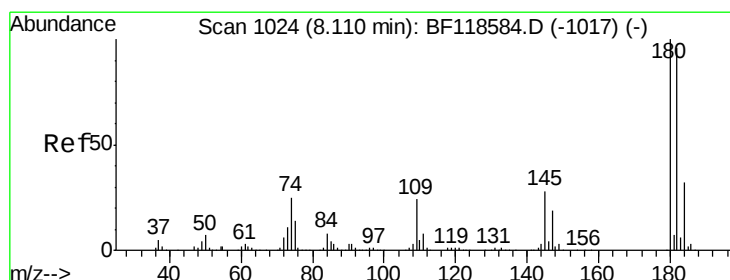
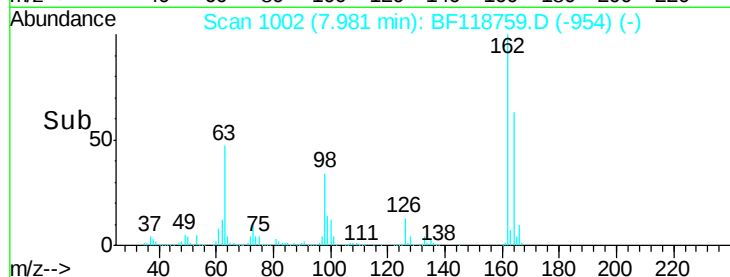
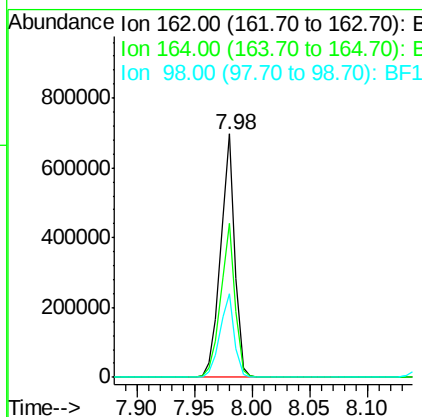
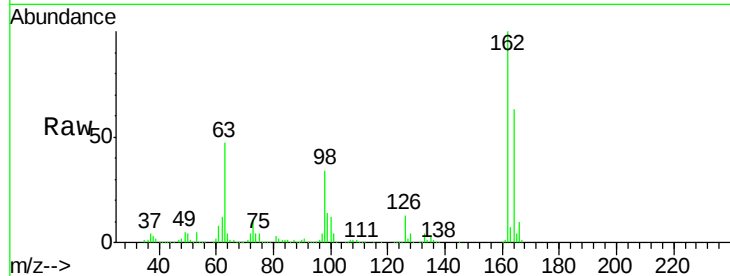
#29
2,4-Dichlorophenol
Concen: 39.826 ng
RT: 7.98 min Scan# 1002
Delta R.T. -0.02 min
Lab File: BF118759.D
Acq: 30 Jan 2020 18:52

Instrument :
BNA_F
ClientSampled :
RBR-56MS

Tot Ion	Ratio	Resp	Lower	Upper
162	100	599030		
164	63.3	43.8	83.8	
98	34.3	15.0	55.0	

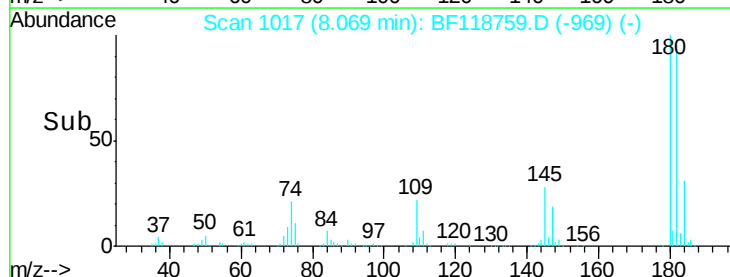
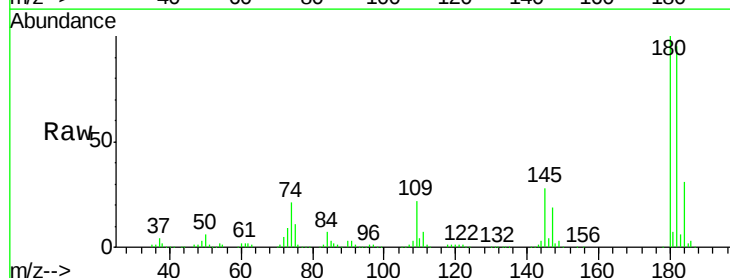
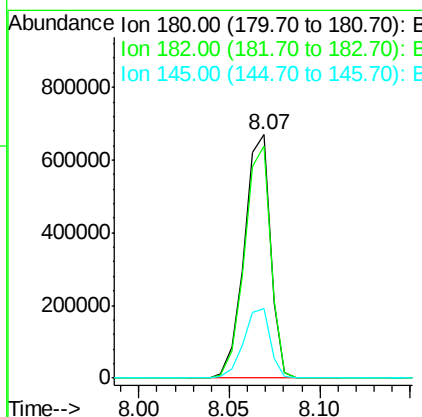
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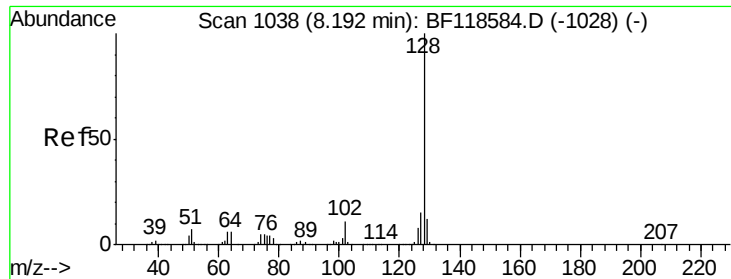
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#30
1,2,4-Trichlorobenzene
Concen: 38.510 ng
RT: 8.07 min Scan# 1017
Delta R.T. -0.02 min
Lab File: BF118759.D
Acq: 30 Jan 2020 18:52

Tgt Ion	Ratio	Resp	Lower	Upper
180	100	671616		
182	95.4	77.0	115.4	
145	28.3	23.5	35.3	





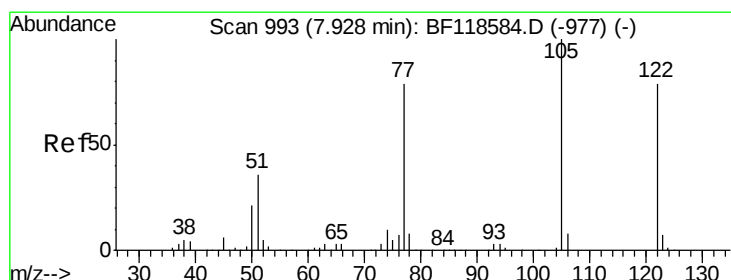
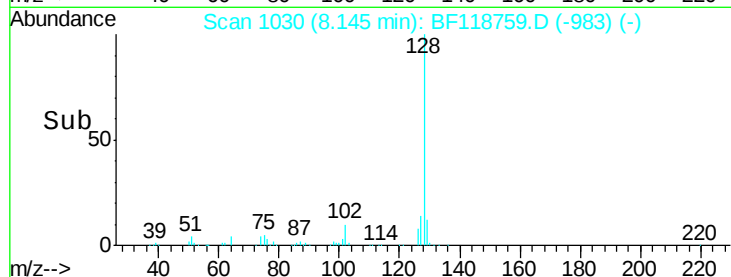
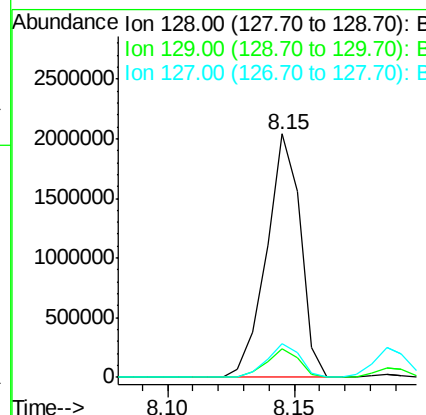
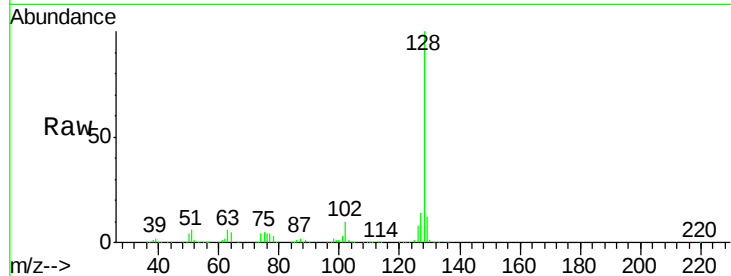
#31
Naphthalene
Concen: 41.933 ng
RT: 8.15 min Scan# 1030
Delta R.T. -0.02 min
Lab File: BF118759.D
Acq: 30 Jan 2020 18:52

Instrument :
BNA_F
ClientSampled :
RBR-56MS

Tot Ion	Ratio	Lower	Upper
128	100		
129	11.8	9.4	14.0
127	13.9	11.3	16.9

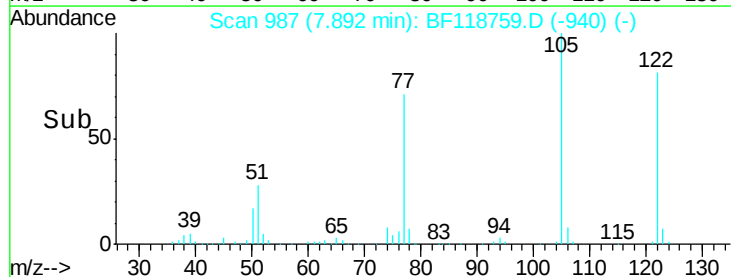
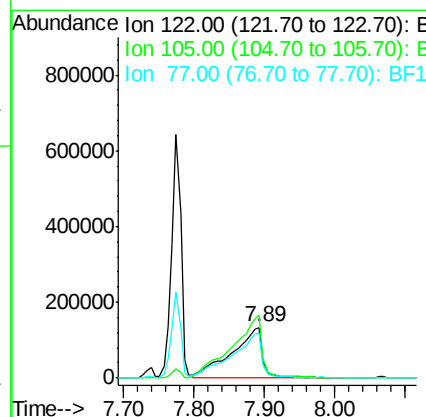
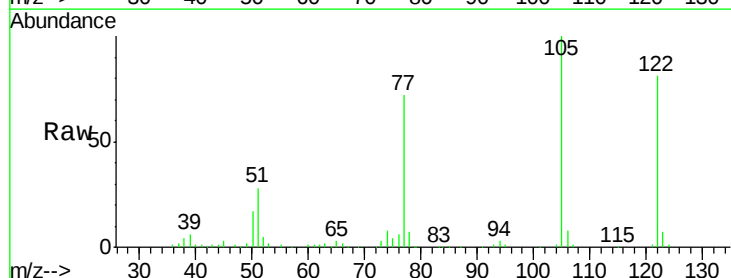
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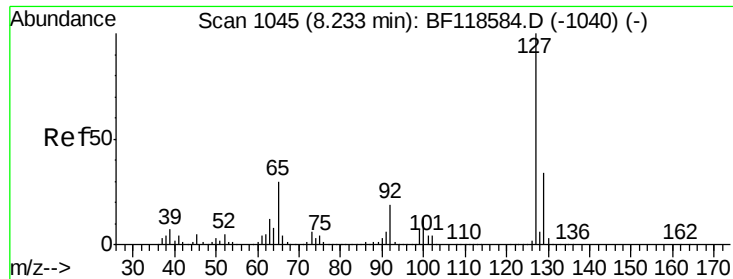
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#32
Benzoic acid
Concen: 39.864 ng
RT: 7.89 min Scan# 987
Delta R.T. -0.02 min
Lab File: BF118759.D
Acq: 30 Jan 2020 18:52

Tgt Ion	Ratio	Lower	Upper
122	100		
105	124.1	100.9	140.9
77	89.0	65.1	105.1





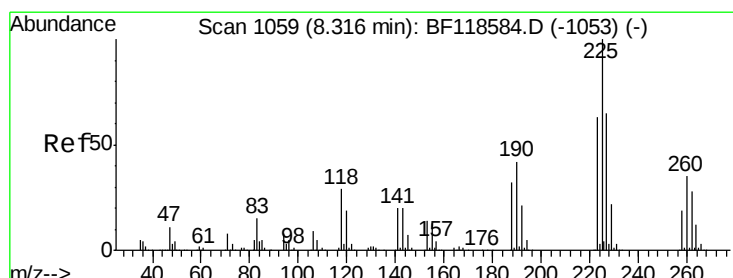
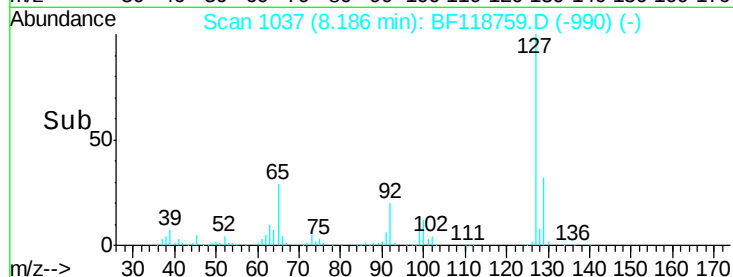
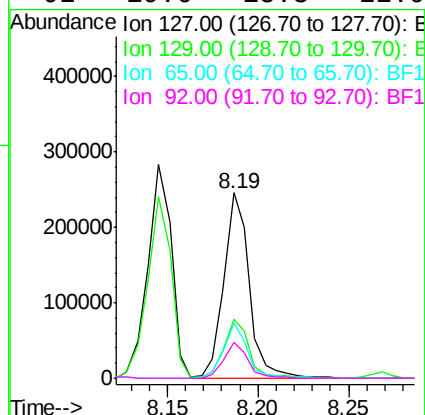
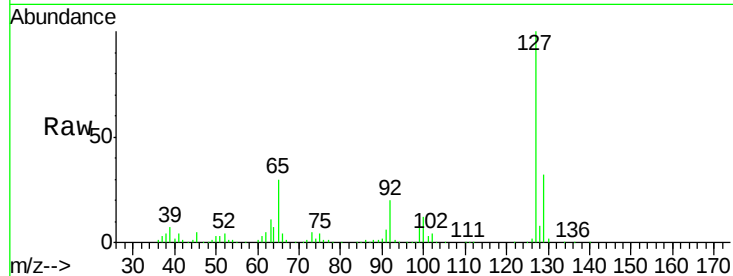
#33
4-Chloroaniline
Concen: 11.310 ng
RT: 8.19 min Scan# 1037
Delta R.T. -0.02 min
Lab File: BF118759.D
Acq: 30 Jan 2020 18:52

Instrument :
BNA_F
ClientSampleId :
RBR-56MS

Tot Ion	Ion	Ratio	Resp	Lower	Upper
127	100		238353		
129	32.1	26.4	39.6		
65	29.6	22.6	33.8		
92	19.6	15.3	22.9		

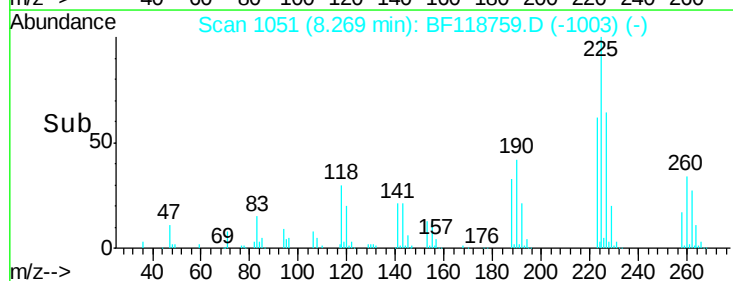
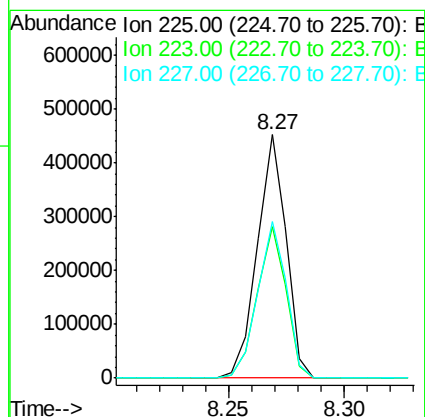
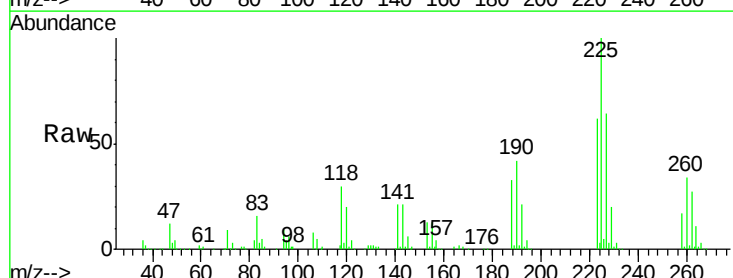
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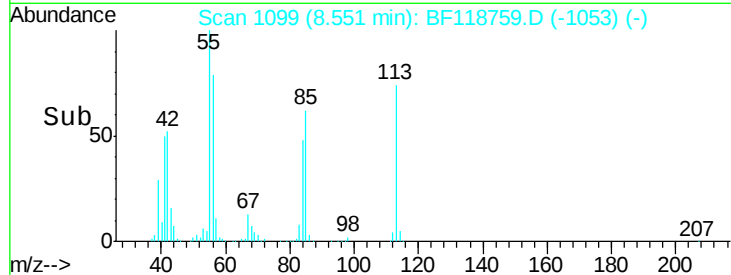
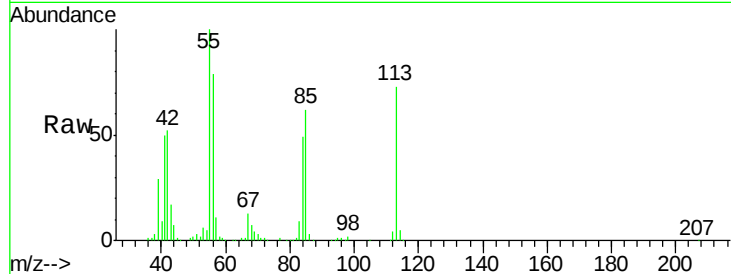
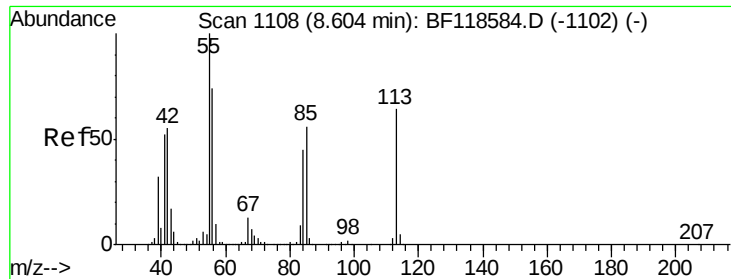
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#34
Hexachlorobutadiene
Concen: 37.135 ng
RT: 8.27 min Scan# 1051
Delta R.T. -0.02 min
Lab File: BF118759.D
Acq: 30 Jan 2020 18:52

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
225	100		394398		
223	62.4	50.3	75.5		
227	64.4	50.5	75.7		





#35

Caprolactam

Concen: 40.235 ng/mL

RT: 8.55 min Scan# 1099

Delta R.T. -0.03 min

Lab File: BF118759.D

Acq: 30 Jan 2020 18:52

Tot Ion:	113	Resp:	198048
Ion Ratio	Lower	Upper	
113	100		
55	136.1	119.0	159.0
56	107.5	85.4	125.4

Instrument :

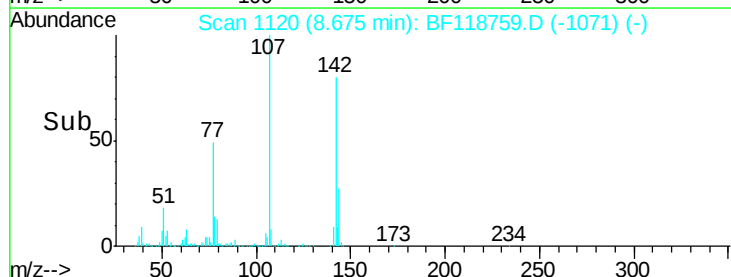
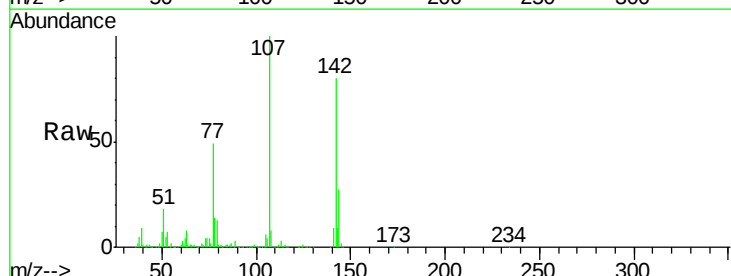
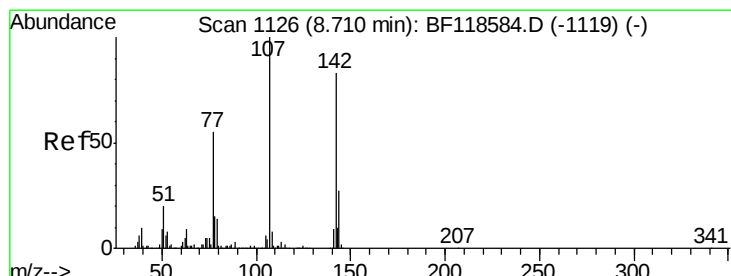
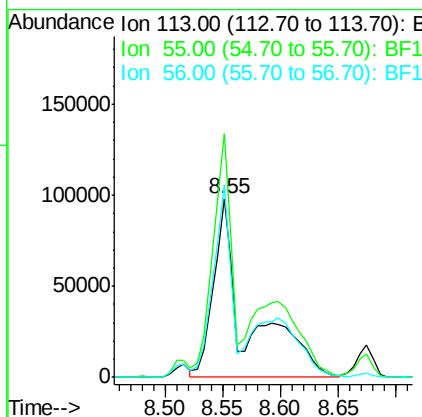
BNA_F

ClientSampleId :

RBR-56MS

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#36

4-Chloro-3-methylphenol

Concen: 41.565 ng/mL

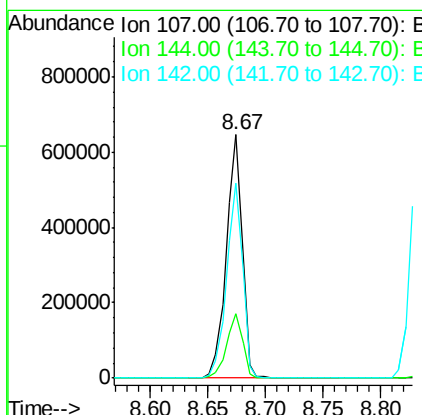
RT: 8.67 min Scan# 1120

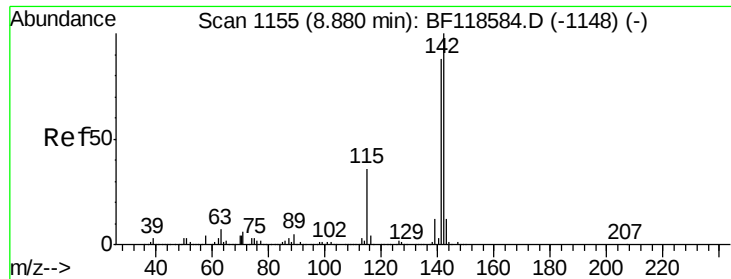
Delta R.T. -0.01 min

Lab File: BF118759.D

Acq: 30 Jan 2020 18:52

Tgt Ion:	107	Resp:	617379
Ion Ratio	Lower	Upper	
107	100		
144	26.6	20.9	31.3
142	80.3	64.5	96.7





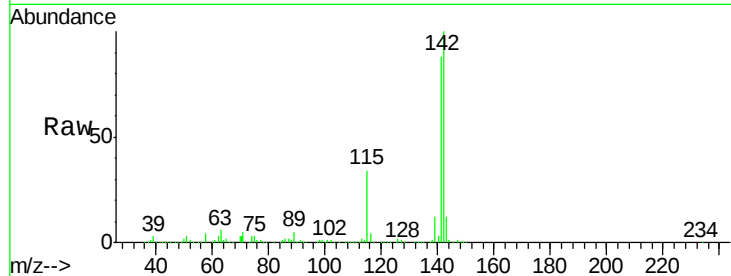
#37
2-Methylnaphthalene
Concen: 42.410 ng
RT: 8.84 min Scan# 1148
Delta R.T. -0.02 min
Lab File: BF118759.D
Acq: 30 Jan 2020 18:52

Instrument :
BNA_F
ClientSampleId :
RBR-56MS

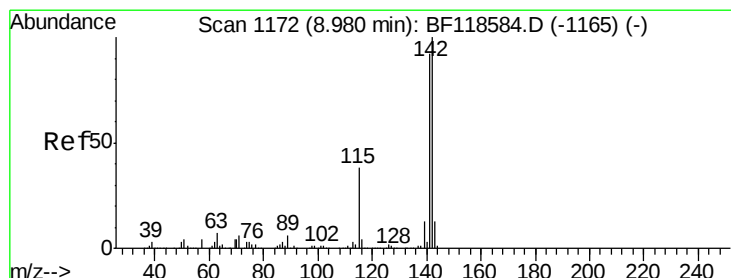
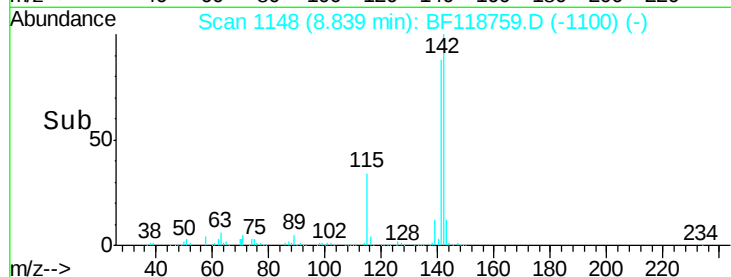
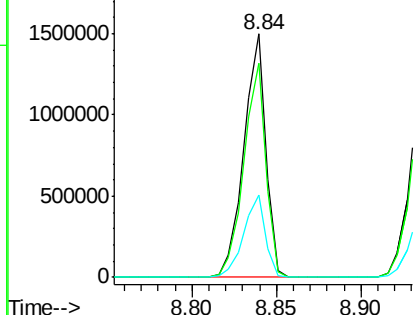
Tot Ion:142 Resp: 1364926
Ion Ratio Lower Upper
142 100
141 87.8 71.4 107.0
115 33.8 27.5 41.3

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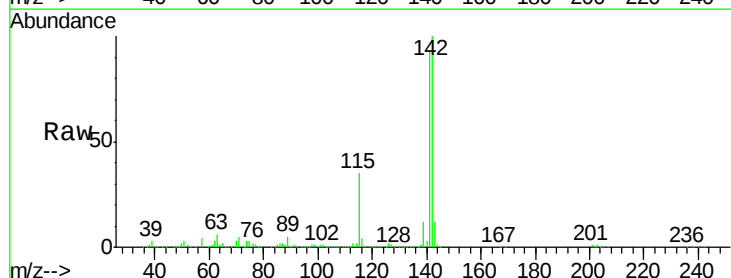


Abundance Ion 142.00 (141.70 to 142.70): E
Ion 141.00 (140.70 to 141.70): E
Ion 115.00 (114.70 to 115.70): E

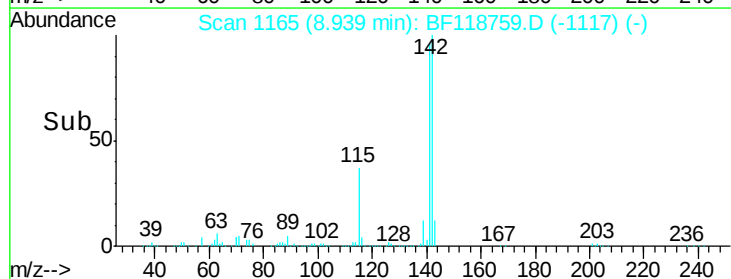
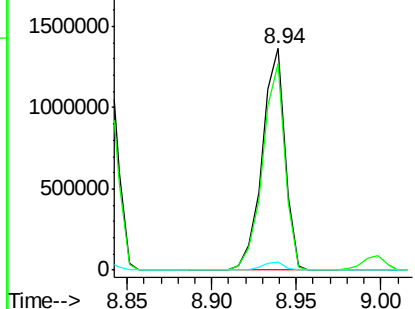


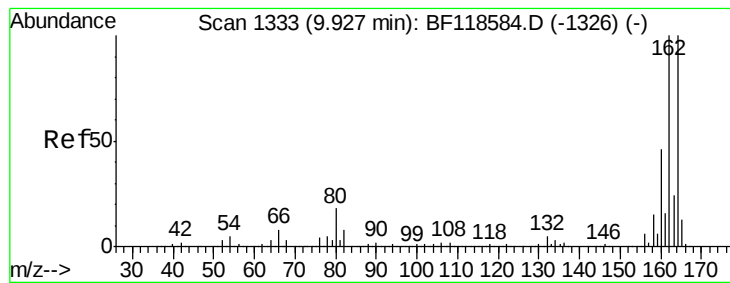
#38
1-Methylnaphthalene
Concen: 41.570 ng
RT: 8.94 min Scan# 1165
Delta R.T. -0.02 min
Lab File: BF118759.D
Acq: 30 Jan 2020 18:52

Tgt Ion:142 Resp: 1271068
Ion Ratio Lower Upper
142 100
141 93.1 73.5 110.3
116 3.7 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: 9.88 min Scan# 1325

Delta R.T. -0.02 min

Lab File: BF118759.D

Acq: 30 Jan 2020 18:52

Instrument :

BNA_F

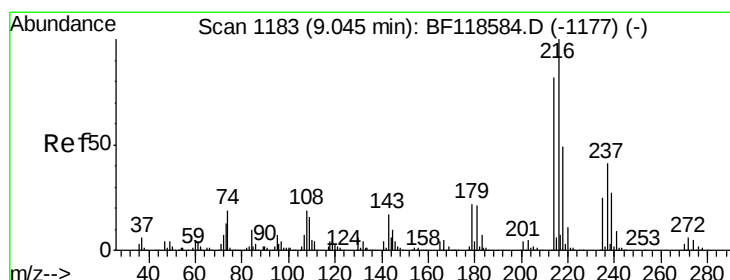
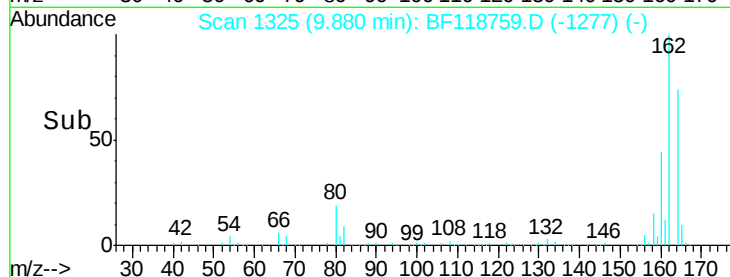
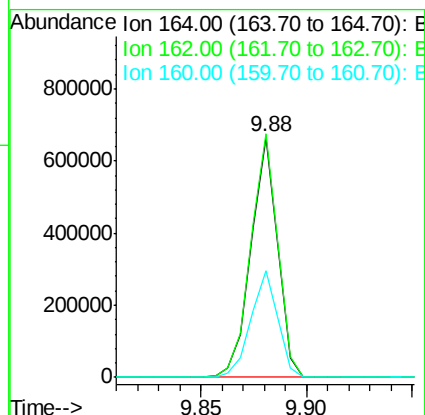
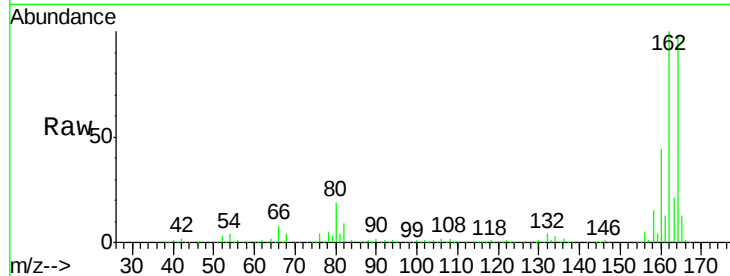
ClientSampleId :

RBR-56MS

Tot Ion:	164	Resp:	586032
Ion Ratio	Lower	Upper	
164	100		
162	101.5	80.8	121.2
160	44.3	35.4	53.0

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#40

1,2,4,5-Tetrachlorobenzene

Concen: 35.867 ng

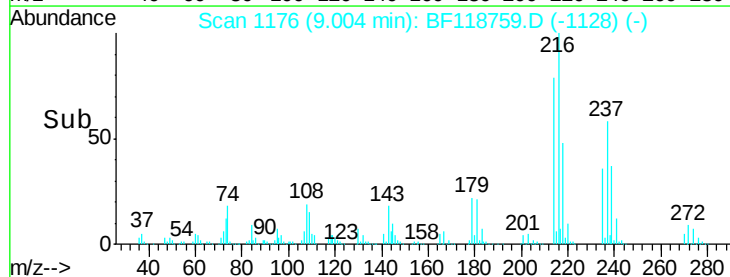
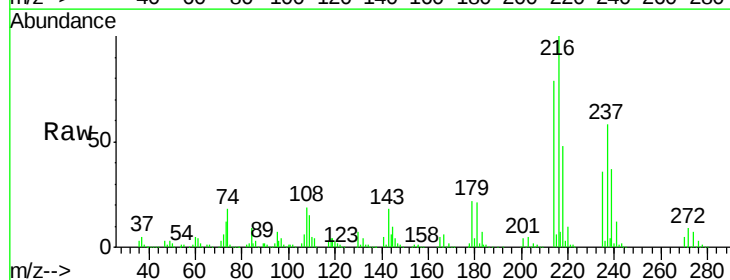
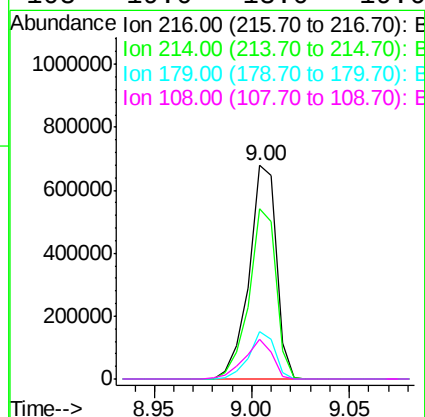
RT: 9.00 min Scan# 1176

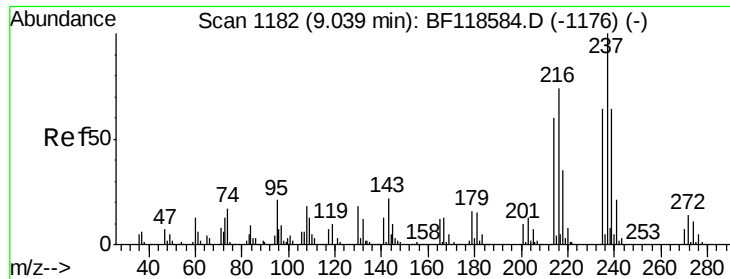
Delta R.T. -0.02 min

Lab File: BF118759.D

Acq: 30 Jan 2020 18:52

Tgt Ion:	216	Resp:	657671
Ion Ratio	Lower	Upper	
216	100		
214	78.8	63.4	95.2
179	21.0	17.0	25.4
108	19.0	13.0	19.6





#41

Hexachlorocyclopentadiene

Concen: 76.632 ng

RT: 9.00 min Scan# 1175

Delta R.T. -0.02 min

Lab File: BF118759.D

Acq: 30 Jan 2020 18:52

Instrument :

BNA_F

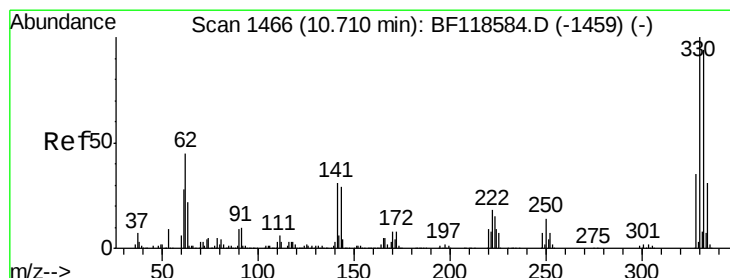
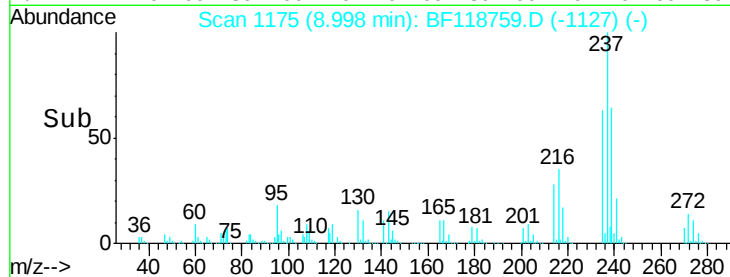
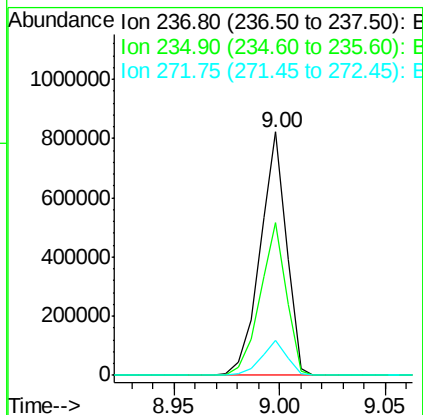
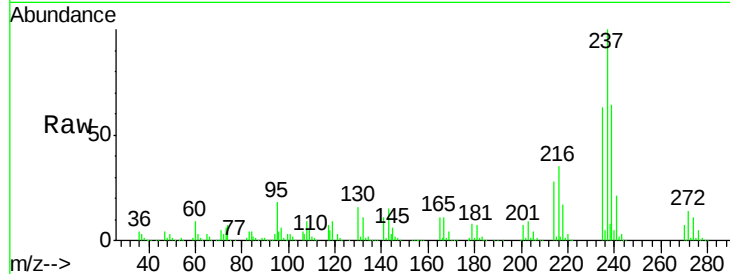
ClientSampleId :

RBR-56MS

Tot Ion:	237	Resp:	708956
Ion Ratio	Lower	Upper	
237	100		
235	62.6	42.7	82.7
272	14.2	0.0	34.4

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#42

2,4,6-Tribromophenol

Concen: 103.505 ng

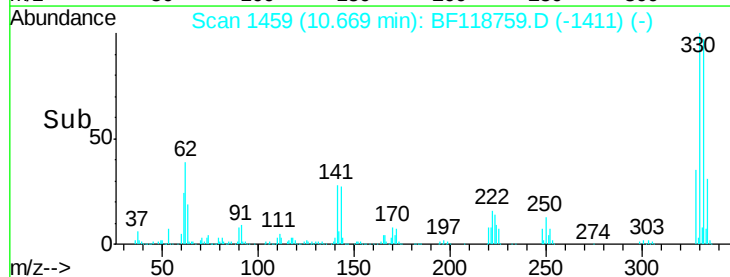
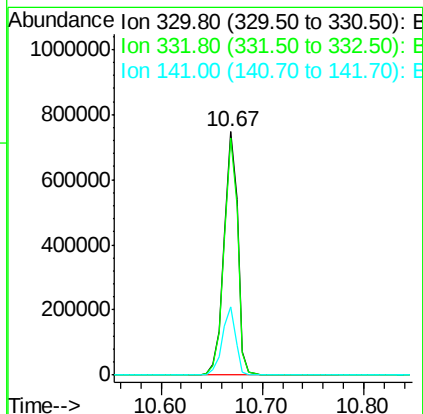
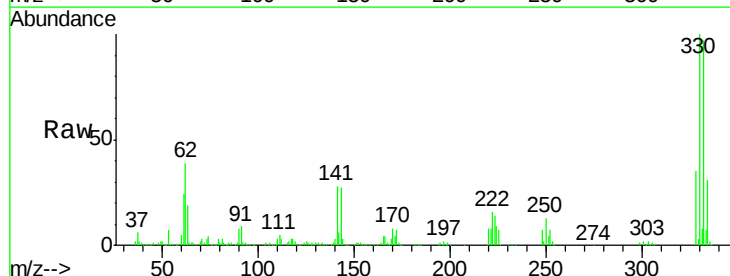
RT: 10.67 min Scan# 1459

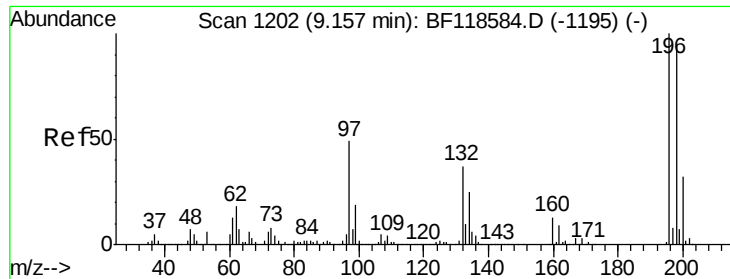
Delta R.T. -0.02 min

Lab File: BF118759.D

Acq: 30 Jan 2020 18:52

Tgt Ion:	330	Resp:	701579
Ion Ratio	Lower	Upper	
330	100		
332	97.0	77.6	116.4
141	27.4	22.2	33.2





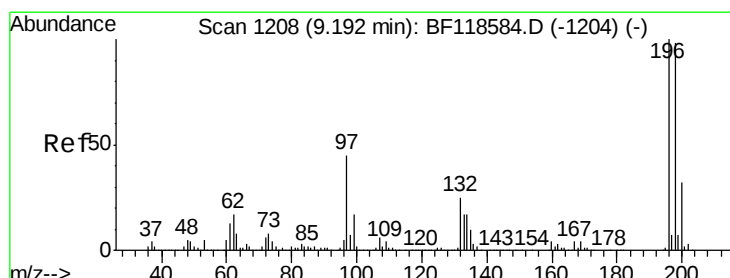
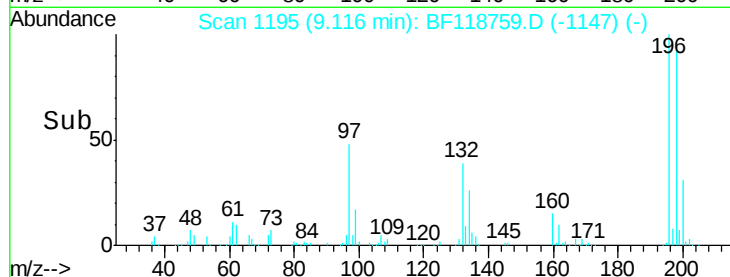
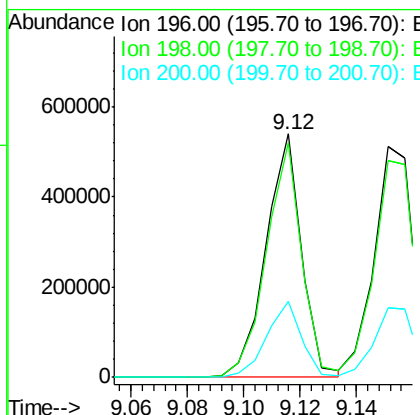
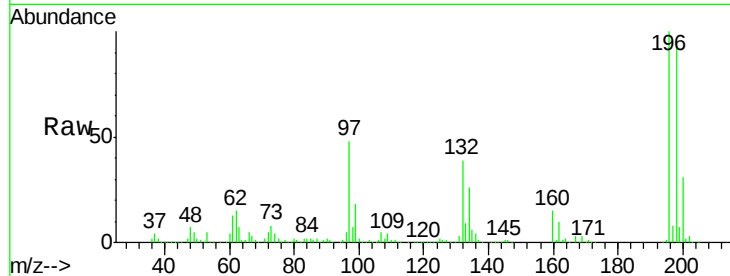
#43
 2,4,6-Trichlorophenol
 Concen: 38.780 ng
 RT: 9.12 min Scan# 1195
 Delta R.T. -0.02 min
 Lab File: BF118759.D
 Acq: 30 Jan 2020 18:52

Instrument :
 BNA_F
 ClientSampleId :
 RBR-56MS

Tot Ion	Ratio	Resp	Lower	Upper
196	100	471873		
198	96.2	76.4	114.6	
200	31.1	25.4	38.2	

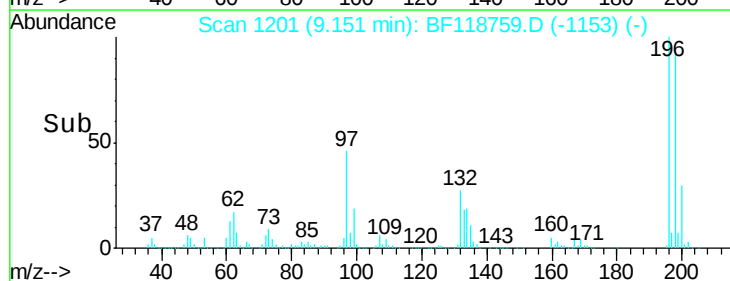
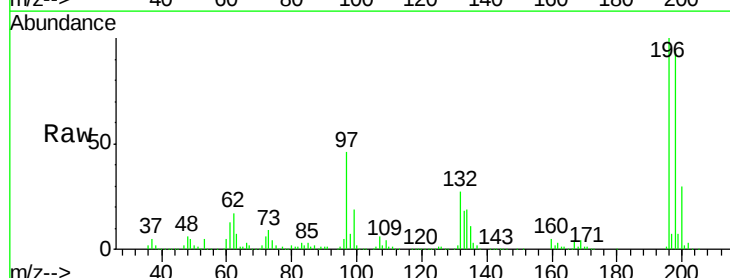
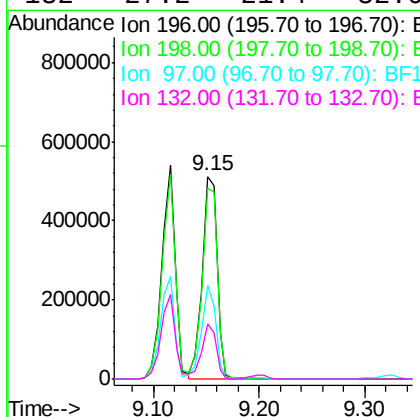
Manual Integrations
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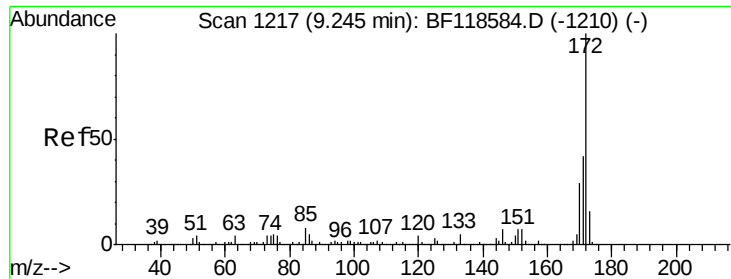
mohammad
 2/3/2020 7:57:07 AM



#44
 2,4,5-Trichlorophenol
 Concen: 40.213 ng
 RT: 9.15 min Scan# 1201
 Delta R.T. -0.02 min
 Lab File: BF118759.D
 Acq: 30 Jan 2020 18:52

Tgt Ion	Ratio	Resp	Lower	Upper
196	100	499730		
198	94.1	76.2	114.4	
97	46.3	35.7	53.5	
132	27.2	21.4	32.0	





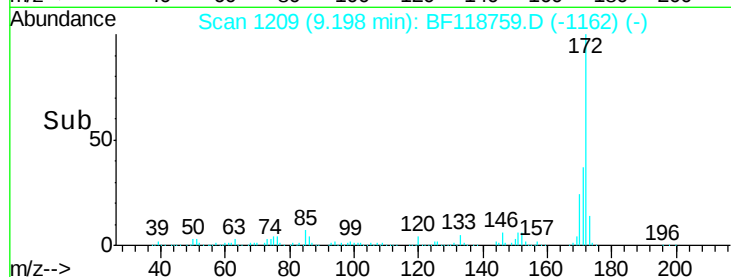
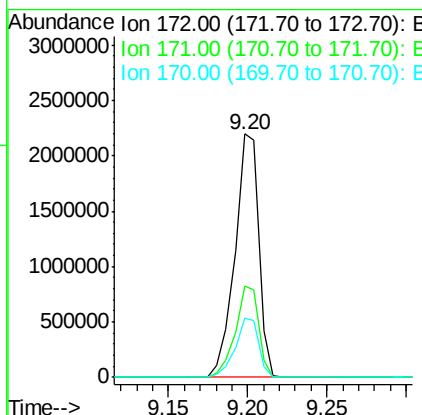
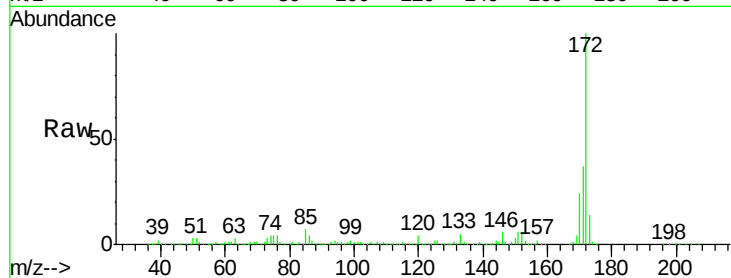
#45
2-Fluorobiphenyl
Concen: 63.983 ng
RT: 9.20 min Scan# 1209
Delta R.T. -0.02 min
Lab File: BF118759.D
Acq: 30 Jan 2020 18:52

Instrument :
BNA_F
ClientSampleId :
RBR-56MS

Tot Ion	Ratio	Lower	Upper
172	100		
171	37.3	31.0	46.4
170	24.5	20.7	31.1

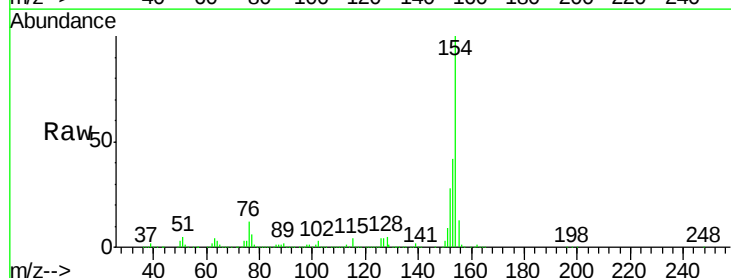
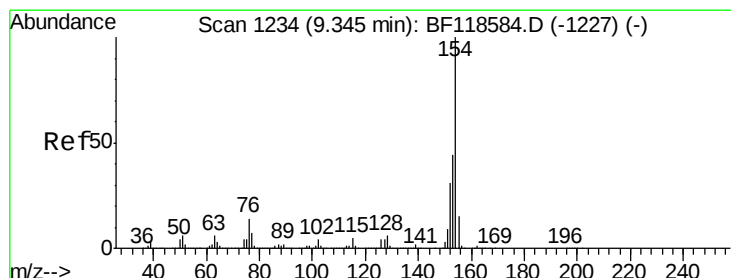
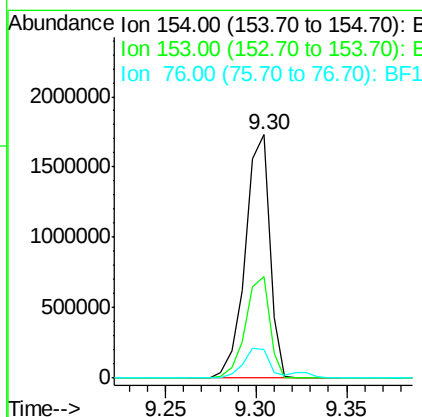
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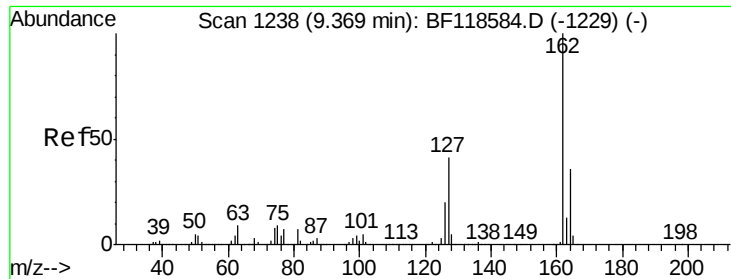
mohammad
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#46
1,1'-Biphenyl
Concen: 40.113 ng
RT: 9.30 min Scan# 1227
Delta R.T. -0.02 min
Lab File: BF118759.D
Acq: 30 Jan 2020 18:52

Tgt Ion	Ratio	Lower	Upper
154	100		
153	41.6	22.3	62.3
76	11.6	0.0	32.0





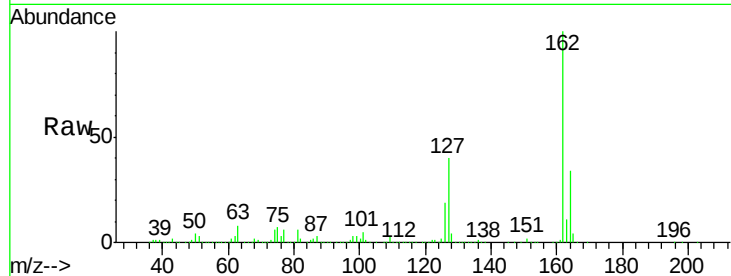
#47
 2-Chloronaphthalene
 Concen: 38.036 ng
 RT: 9.33 min Scan# 1231
 Delta R.T. -0.02 min
 Lab File: BF118759.D
 Acq: 30 Jan 2020 18:52

Instrument :
 BNA_F
 ClientSampleId :
 RBR-56MS

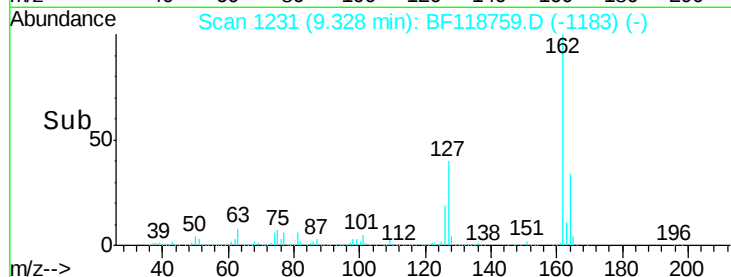
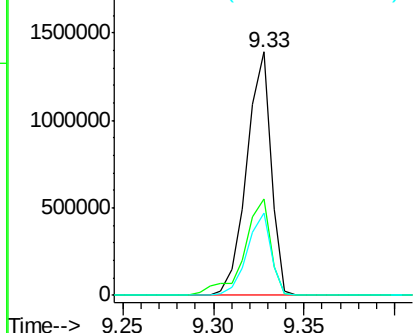
Tot Ion	Ratio	Lower	Upper
162	100		
127	39.5	32.9	49.3
164	33.8	27.5	41.3

Manual Integrations
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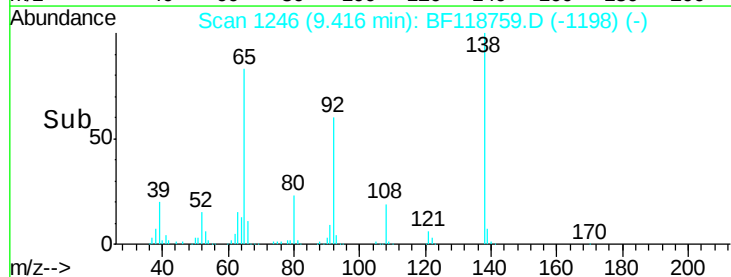
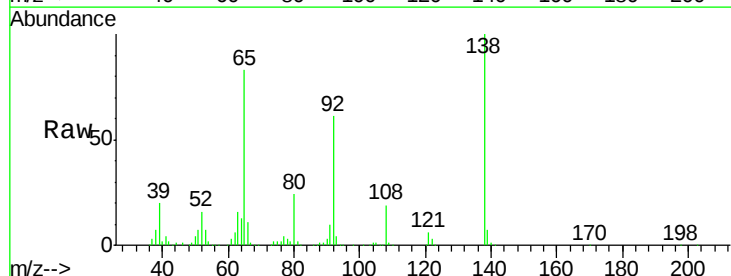
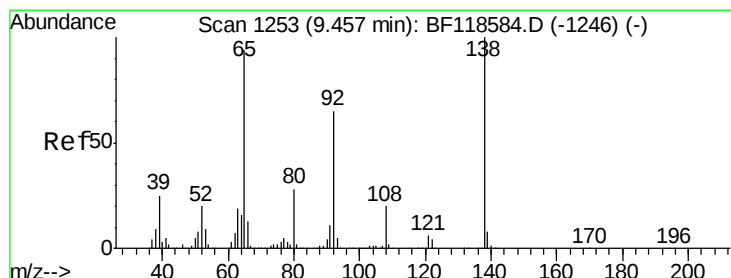
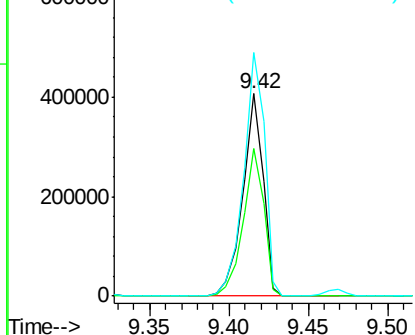
Abundance Ion 162.00 (161.70 to 162.70): E
 Ion 127.00 (126.70 to 127.70): E
 Ion 164.00 (163.70 to 164.70): E

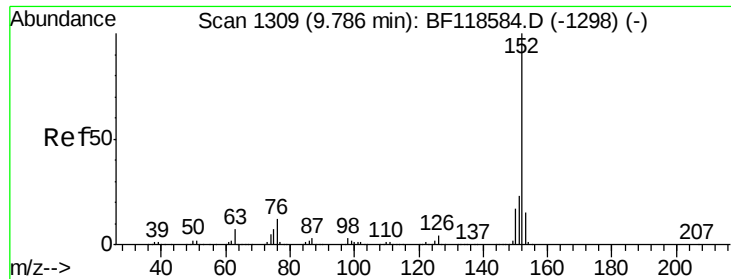


#48
 2-Nitroaniline
 Concen: 34.532 ng
 RT: 9.42 min Scan# 1246
 Delta R.T. -0.02 min
 Lab File: BF118759.D
 Acq: 30 Jan 2020 18:52

Tgt Ion	Ratio	Lower	Upper
65	100		
92	72.8	57.8	86.6
138	120.2	95.1	142.7

Abundance Ion 65.00 (64.70 to 65.70): BF1
 Ion 92.00 (91.70 to 92.70): BF1
 Ion 138.00 (137.70 to 138.70): E





#49

Acenaphthylene

Concen: 42.449 ng

RT: 9.75 min Scan# 1302

Delta R.T. -0.02 min

Lab File: BF118759.D

Acq: 30 Jan 2020 18:52

Instrument :

BNA_F

ClientSampled :

RBR-56MS

Tot Ion:152 Resp: 2032968

Ion Ratio Lower Upper

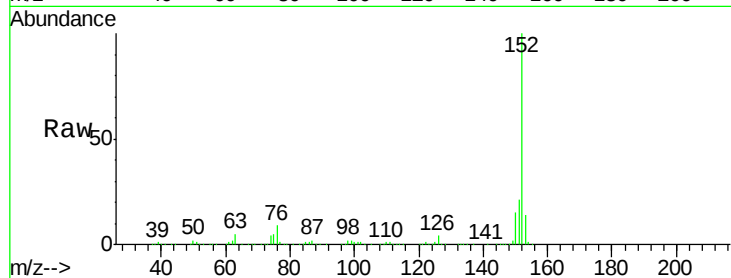
152 100

151 21.0 17.1 25.7

153 13.9 11.0 16.4

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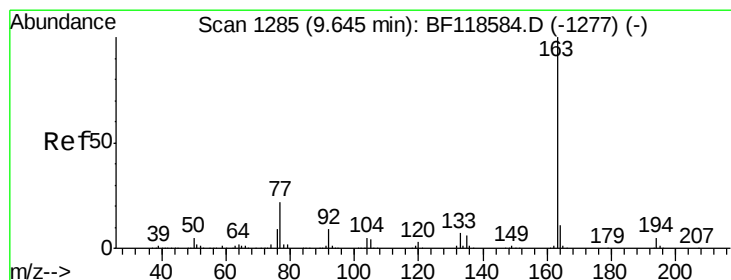
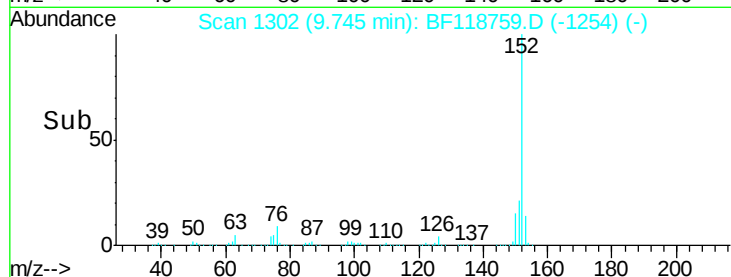
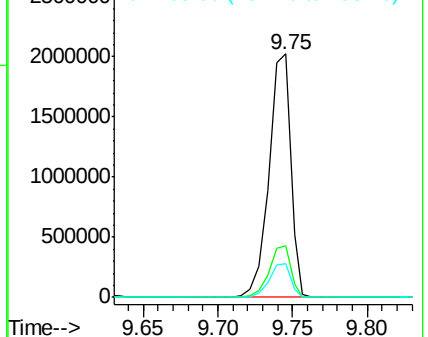
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Abundance Ion 152.00 (151.70 to 152.70): E

Ion 151.00 (150.70 to 151.70): E

Ion 153.00 (152.70 to 153.70): E



#50

Dimethylphthalate

Concen: 45.563 ng

RT: 9.60 min Scan# 1278

Delta R.T. -0.02 min

Lab File: BF118759.D

Acq: 30 Jan 2020 18:52

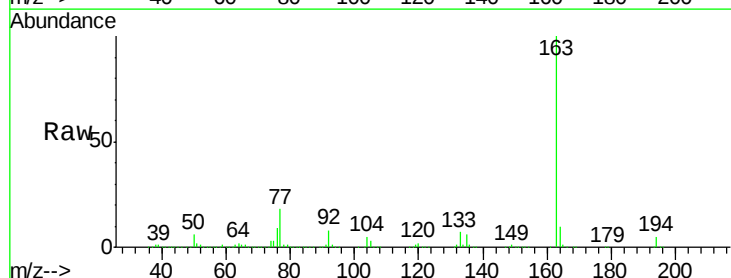
Tgt Ion:163 Resp: 1739616

Ion Ratio Lower Upper

163 100

194 4.7 3.7 5.5

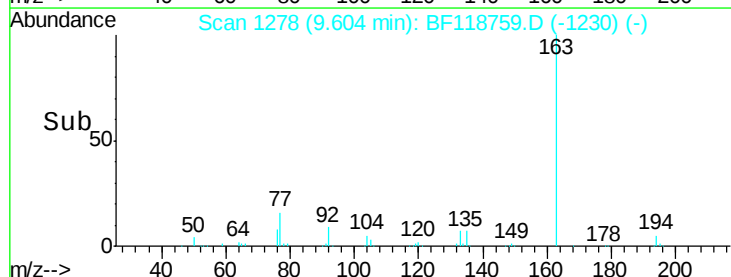
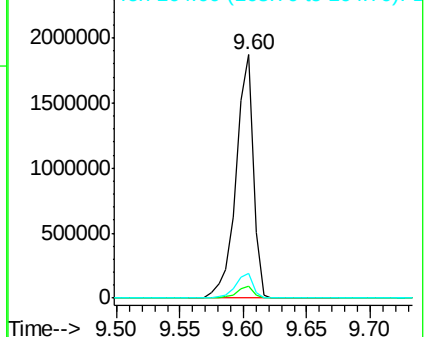
164 10.4 8.2 12.2

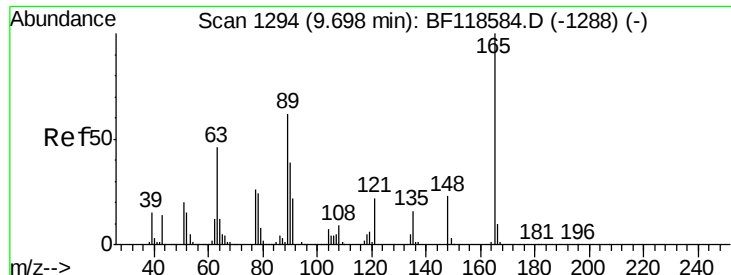


Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E





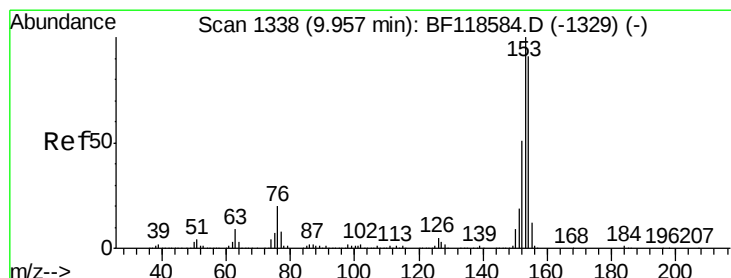
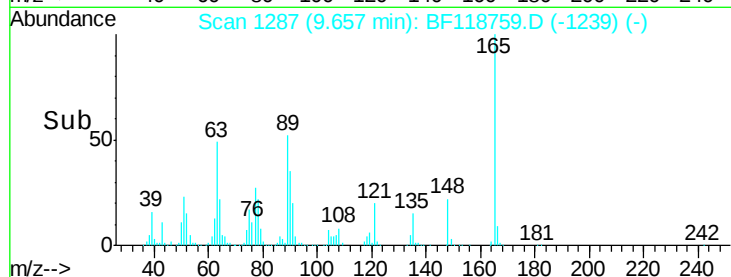
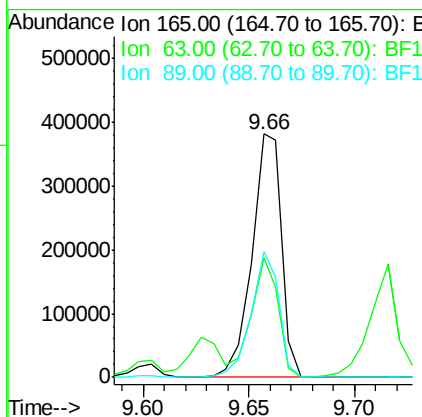
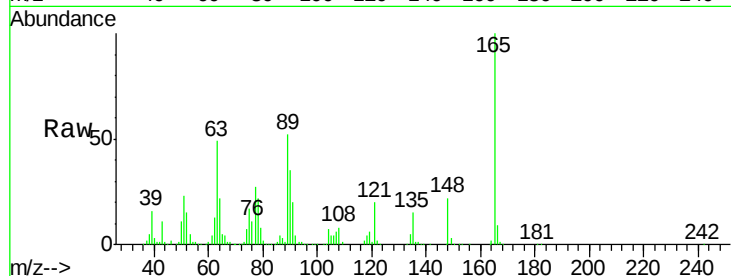
#51
2,6-Dinitrotoluene
Concen: 43.554 ng
RT: 9.66 min Scan# 1287
Delta R.T. -0.02 min
Lab File: BF118759.D
Acq: 30 Jan 2020 18:52

Instrument :
BNA_F
ClientSampled :
RBR-56MS

Tot Ion	Ratio	Resp	Lower	Upper
165	100	372378		
63	49.2	39.8	59.6	
89	51.9	41.4	62.2	

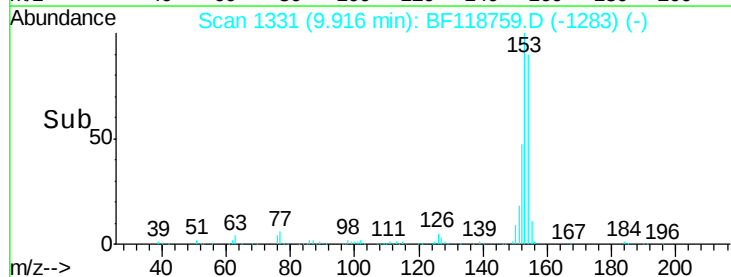
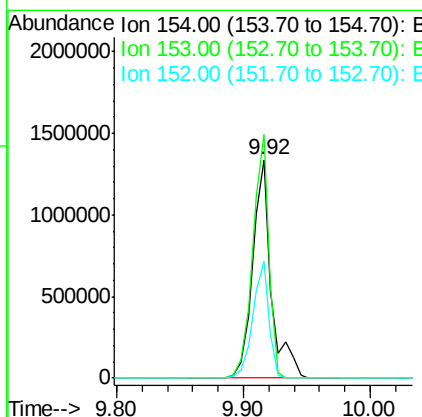
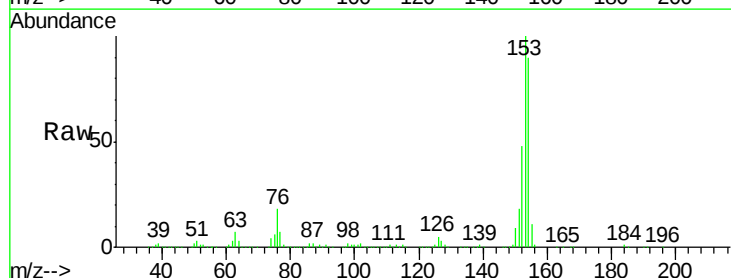
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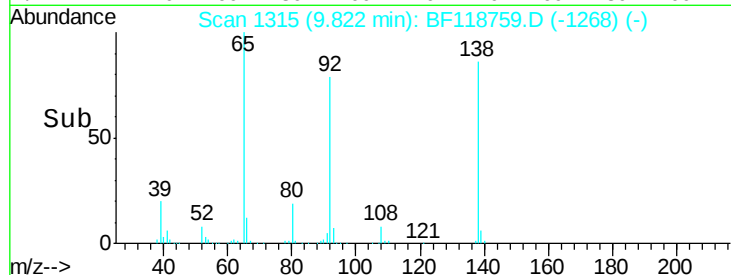
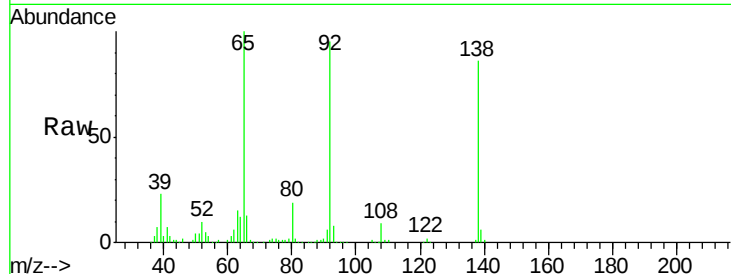
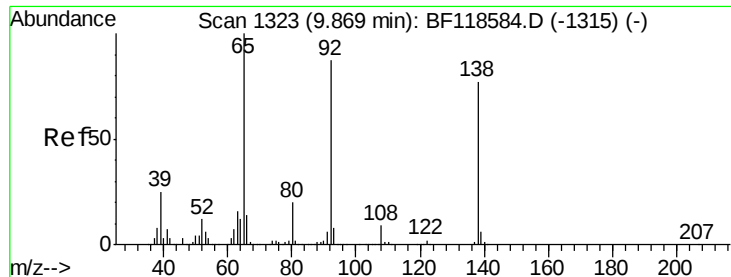
mohammad
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#52
Acenaphthene
Concen: 43.043 ng
RT: 9.92 min Scan# 1331
Delta R.T. -0.02 min
Lab File: BF118759.D
Acq: 30 Jan 2020 18:52

Tgt Ion	Ratio	Resp	Lower	Upper
154	100	1378405		
153	111.5	89.1	133.7	
152	53.5	43.0	64.6	





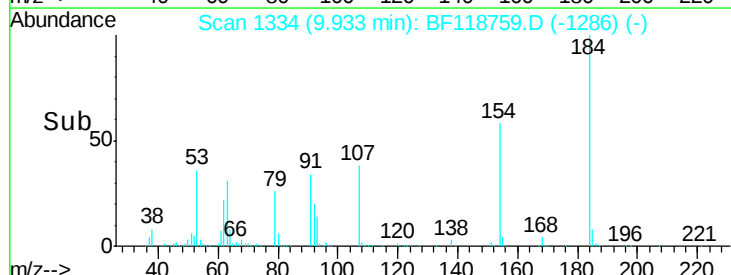
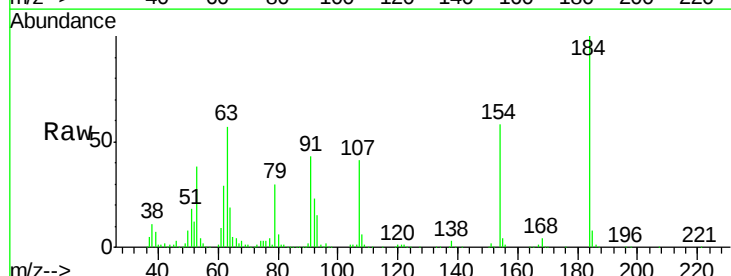
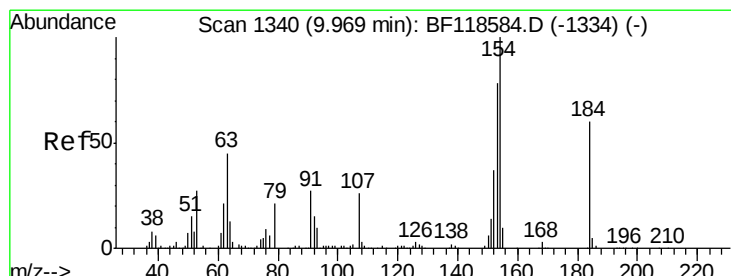
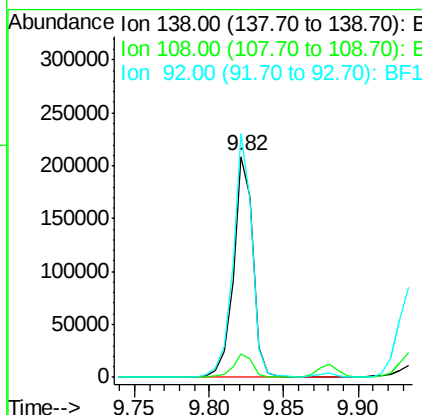
#53
3-Nitroaniline
Concen: 19.504 ng
RT: 9.82 min Scan# 1315
Delta R.T. -0.02 min
Lab File: BF118759.D
Acq: 30 Jan 2020 18:52

Tot Ion	Ratio	Resp	Lower	Upper
138	100	190410		
108	10.7	8.8	13.2	
92	110.2	87.8	131.6	

Instrument :
BNA_F
ClientSampleId :
RBR-56MS

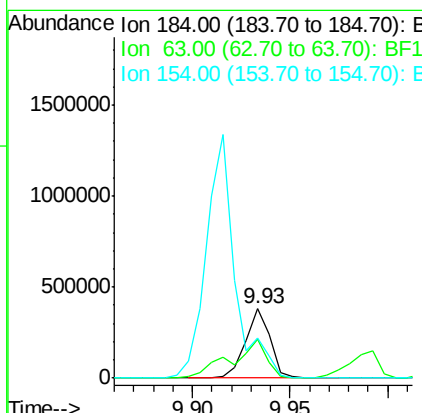
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#54
2,4-Dinitrophenol
Concen: 98.784 ng
RT: 9.93 min Scan# 1334
Delta R.T. -0.02 min
Lab File: BF118759.D
Acq: 30 Jan 2020 18:52

Tgt Ion	Ratio	Resp	Lower	Upper
184	100	337176		
63	56.6	36.0	54.0#	
154	58.3	44.6	66.8	





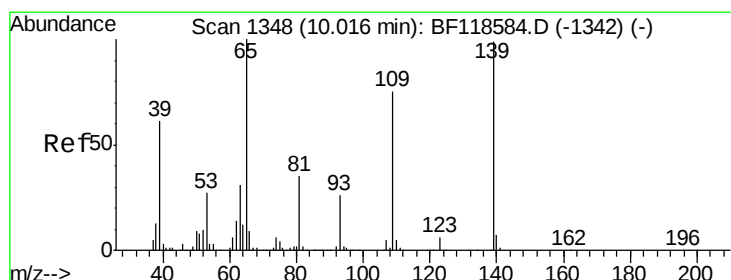
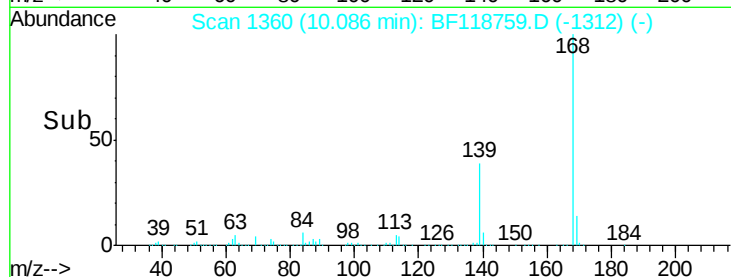
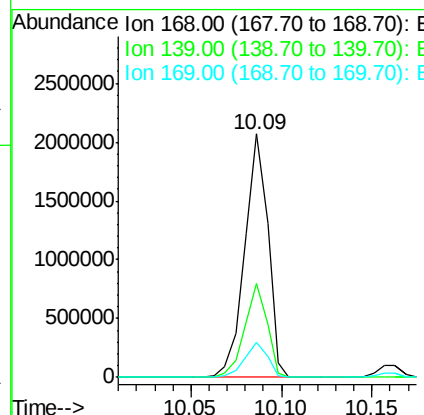
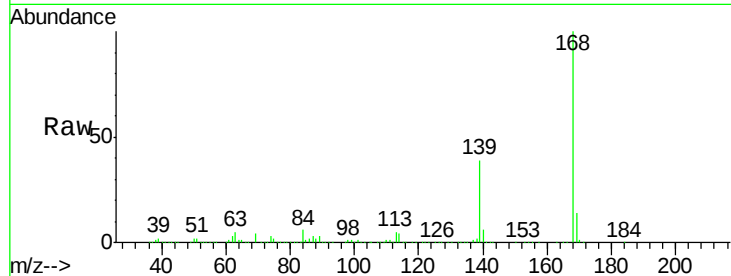
#55
Dibenzenofuran
Concen: 41.423 ng
RT: 10.09 min Scan# 1360
Delta R.T. -0.02 min
Lab File: BF118759.D
Acq: 30 Jan 2020 18:52

Instrument :
BNA_F
ClientSampleId :
RBR-56MS

Tot Ion	Ratio	Lower	Upper
168	100		
139	38.8	31.6	47.4
169	14.2	11.4	17.0

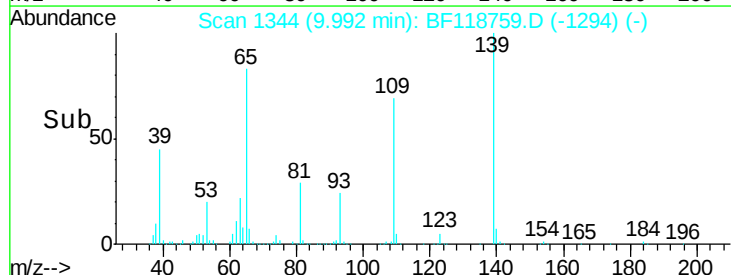
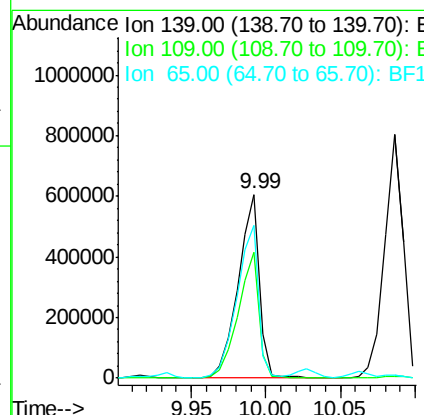
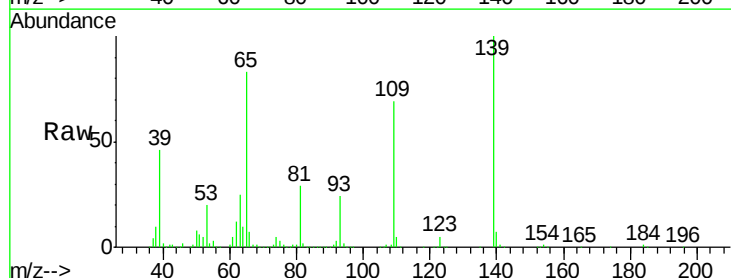
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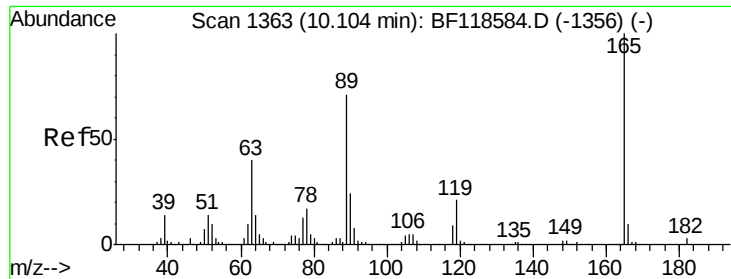
mohammad
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#56
4-Nitrophenol
Concen: 82.500 ng
RT: 9.99 min Scan# 1344
Delta R.T. -0.01 min
Lab File: BF118759.D
Acq: 30 Jan 2020 18:52

Tgt Ion	Ratio	Lower	Upper
139	100		
109	68.5	47.0	87.0
65	82.9	65.7	105.7





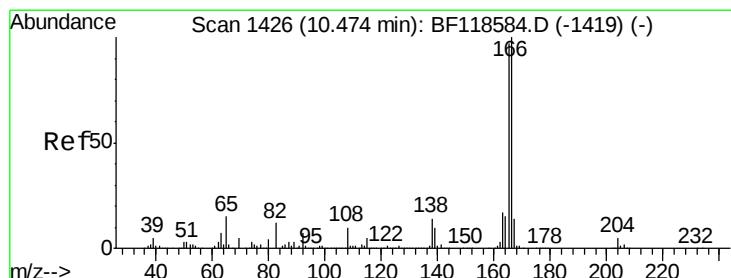
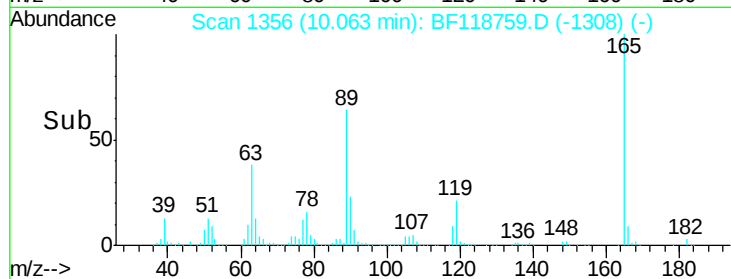
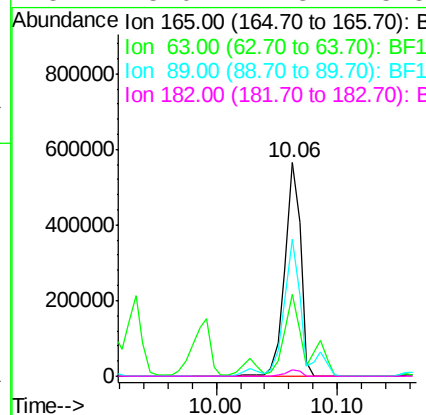
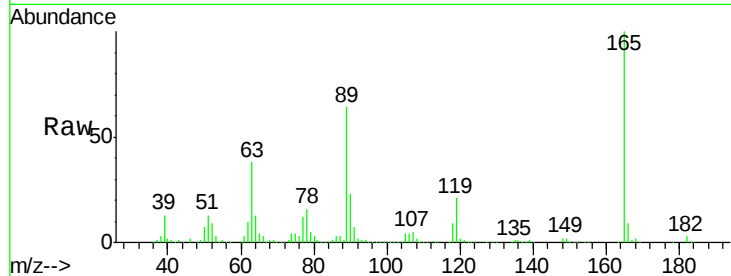
#57
2,4-Dinitrotoluene
Concen: 46.534 ng
RT: 10.06 min Scan# 1356
Delta R.T. -0.02 min
Lab File: BF118759.D
Acq: 30 Jan 2020 18:52

Instrument :
BNA_F
ClientSampleId :
RBR-56MS

Tot Ion	Ratio	Resp	Lower	Upper
165	100	501551		
63	38.3	28.5	42.7	
89	64.2	50.4	75.6	
182	3.0	2.3	3.5	

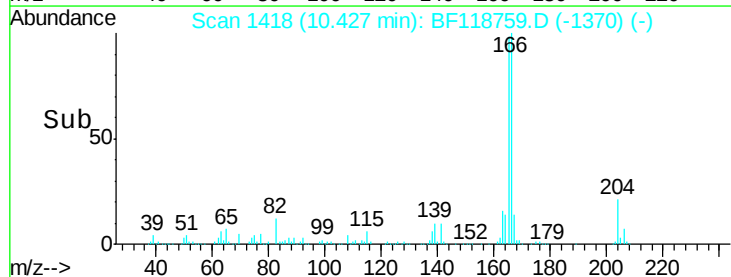
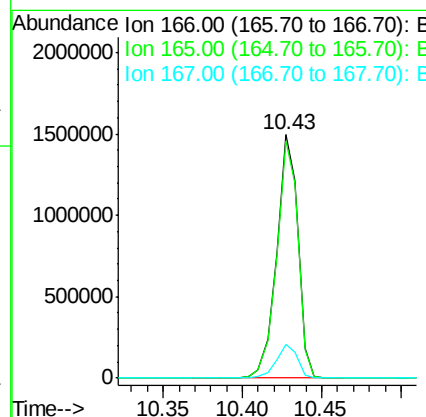
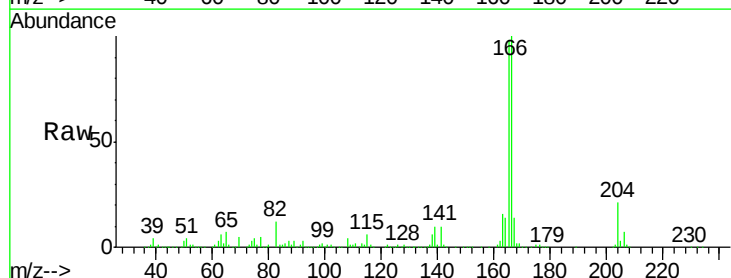
Manual Integrations
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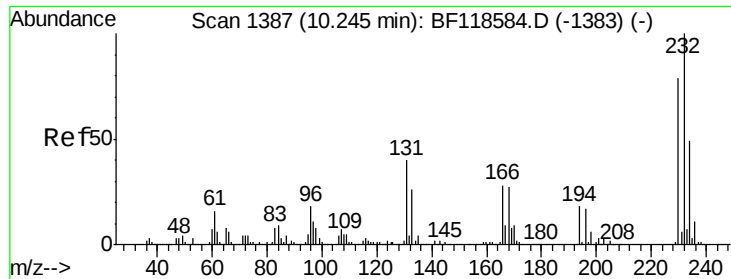
mohammad
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#58
Fluorene
Concen: 40.339 ng
RT: 10.43 min Scan# 1418
Delta R.T. -0.02 min
Lab File: BF118759.D
Acq: 30 Jan 2020 18:52

Tgt Ion	Ratio	Resp	Lower	Upper
166	100	1405416		
165	97.7	78.6	118.0	
167	14.0	11.4	17.2	





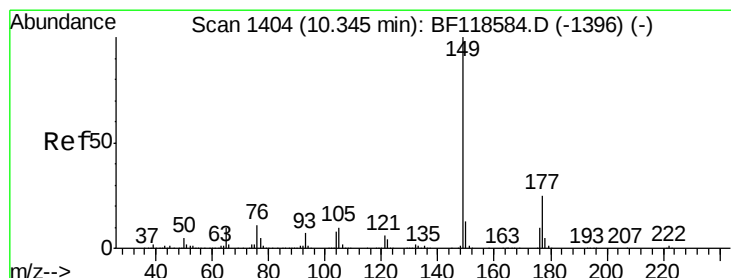
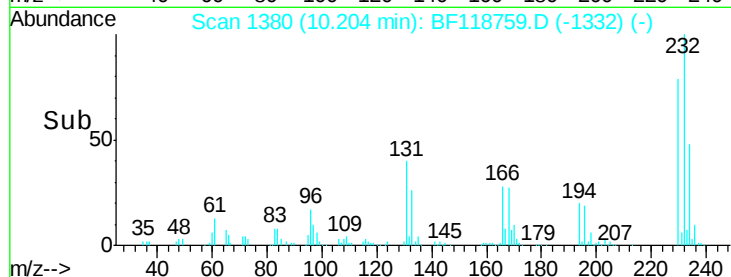
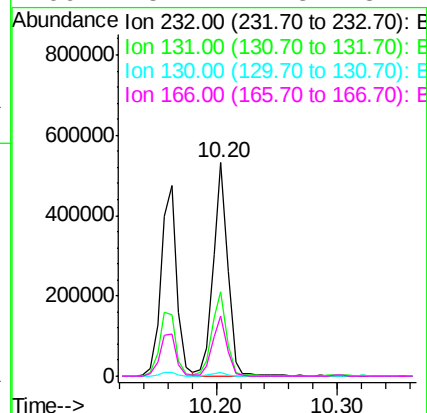
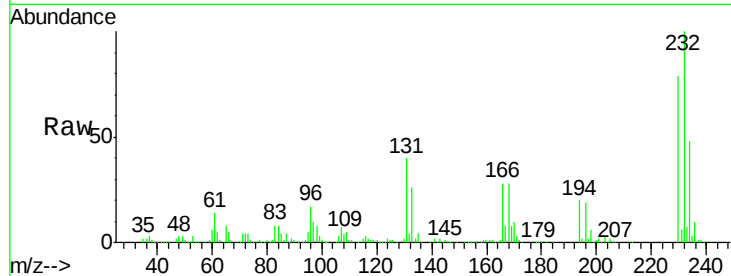
#59
2,3,4,6-Tetrachlorophenol
Concen: 40.256 ng
RT: 10.20 min Scan# 1380
Delta R.T. -0.02 min
Lab File: BF118759.D
Acq: 30 Jan 2020 18:52

Instrument :
BNA_F
ClientSampleId :
RBR-56MS

Tot Ion	Ratio	Lower	Upper
232	100		
131	39.9	31.8	47.6
130	2.0	1.5	2.3
166	28.1	22.8	34.2

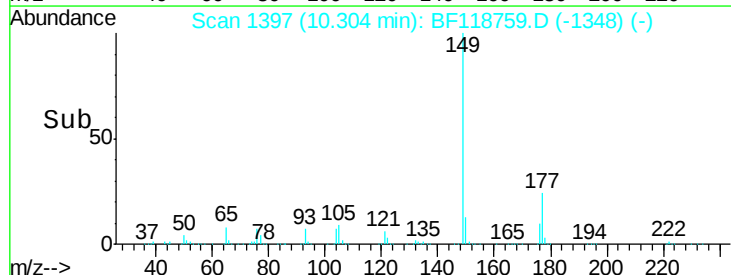
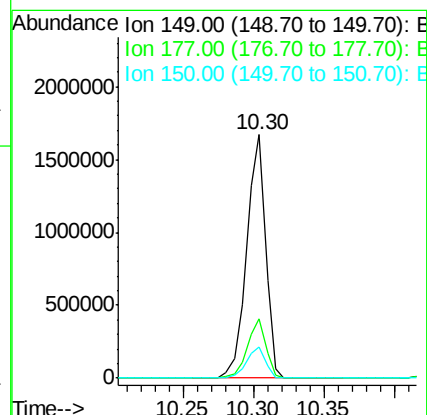
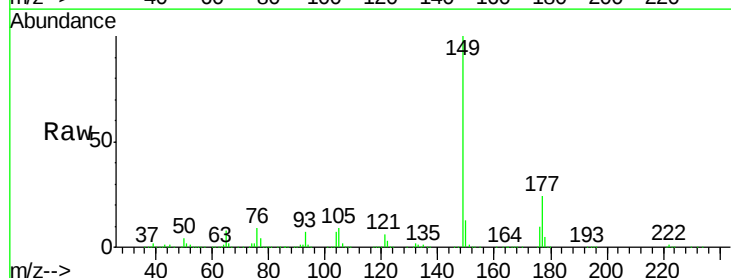
Manual Integrations
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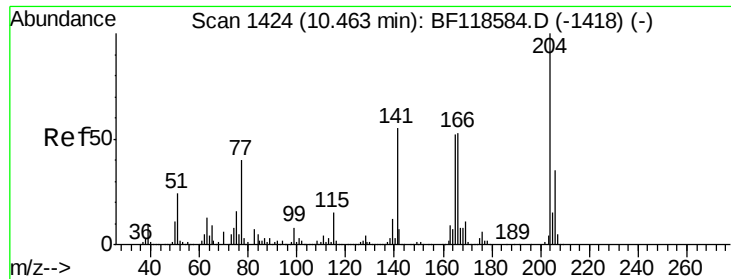
mohammad
2/3/2020 7:57:07 AM



#60
Diethylphthalate
Concen: 42.047 ng
RT: 10.30 min Scan# 1397
Delta R.T. -0.01 min
Lab File: BF118759.D
Acq: 30 Jan 2020 18:52

Tgt Ion	Ratio	Lower	Upper
149	100		
177	24.2	19.1	28.7
150	13.0	10.5	15.7





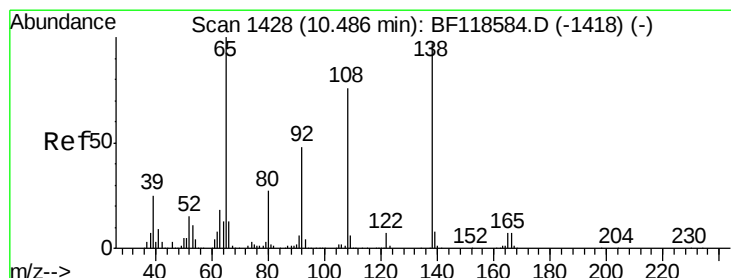
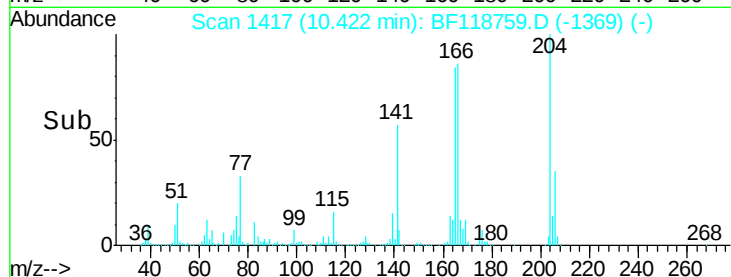
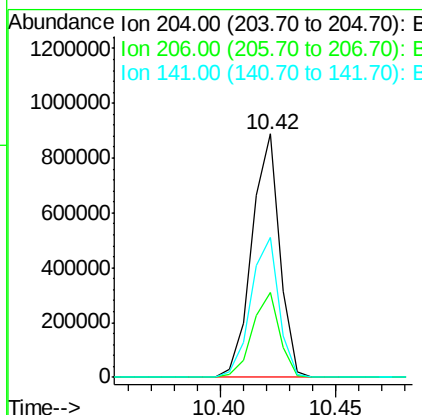
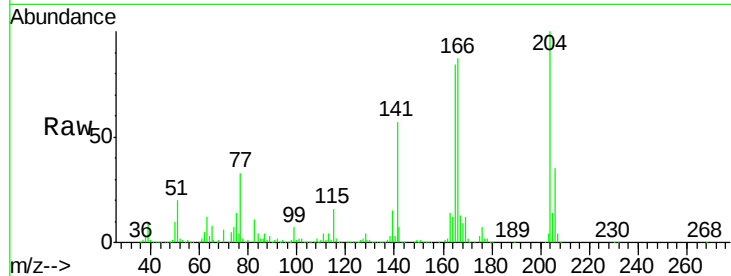
#61
 4-Chlorophenyl-phenylether
 Concen: 39.390 ng
 RT: 10.42 min Scan# 1417
 Delta R.T. -0.02 min
 Lab File: BF118759.D
 Acq: 30 Jan 2020 18:52

Instrument :
 BNA_F
 ClientSampleId :
 RBR-56MS

Tot Ion:	204	Resp:	746396
Ion Ratio	Lower	Upper	
204	100		
206	34.8	27.0	40.6
141	57.3	43.9	65.9

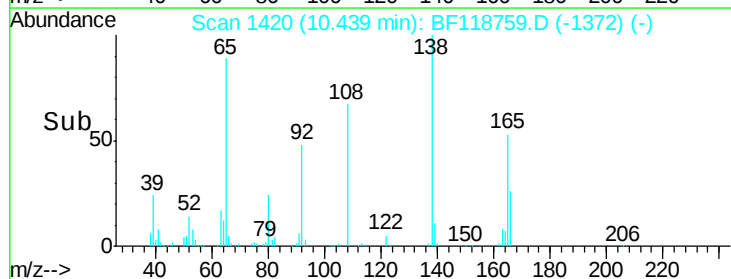
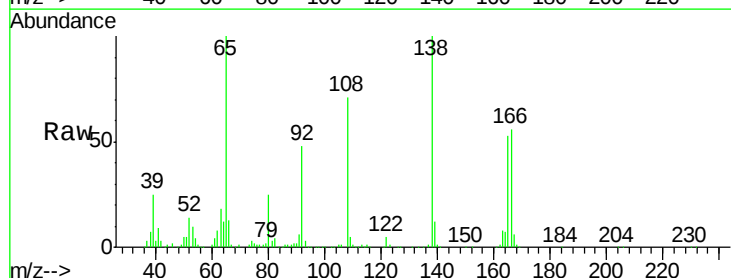
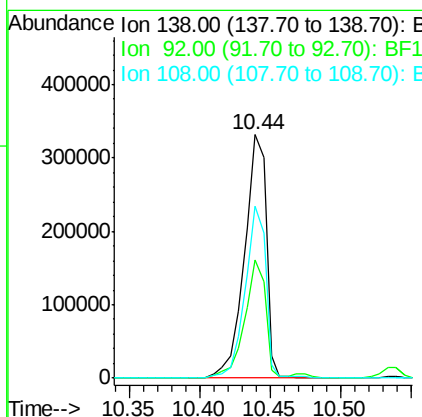
Manual Integrations
 APPROVED

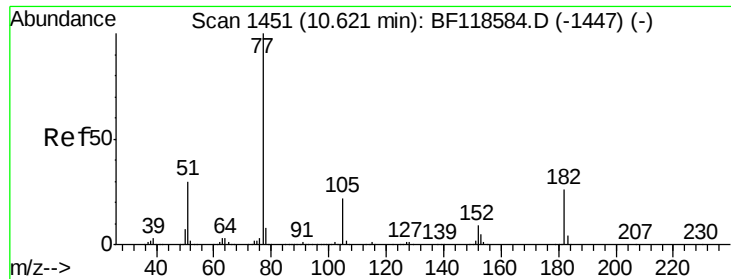
mohammad
 2/3/2020 7:57:07 AM



#62
 4-Nitroaniline
 Concen: 35.864 ng
 RT: 10.44 min Scan# 1420
 Delta R.T. -0.02 min
 Lab File: BF118759.D
 Acq: 30 Jan 2020 18:52

Tgt Ion:	138	Resp:	359149
Ion Ratio	Lower	Upper	
138	100		
92	48.6	29.2	69.2
108	70.9	50.8	90.8





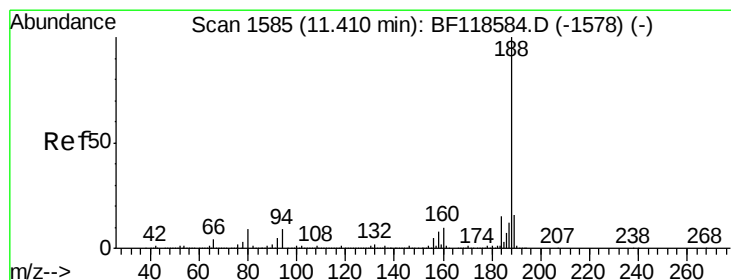
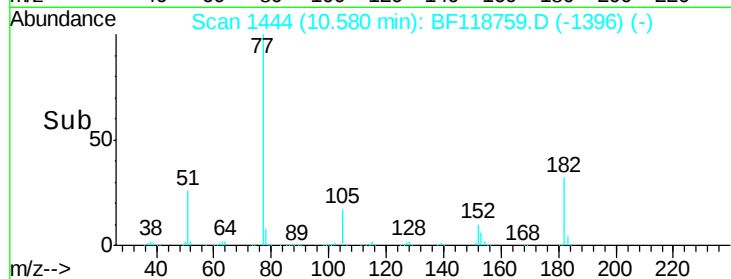
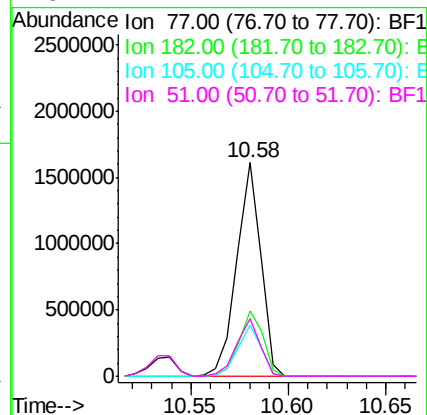
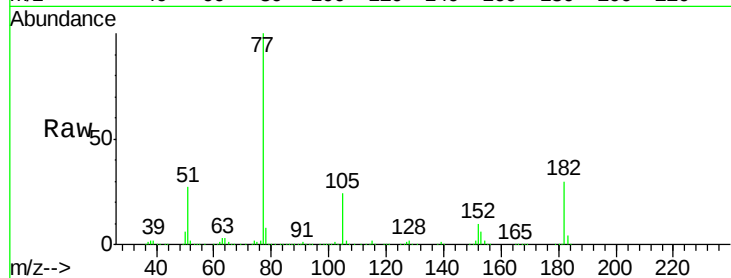
#63
Azobenzene
Concen: 38.407 ng
RT: 10.58 min Scan# 1444
Delta R.T. -0.02 min
Lab File: BF118759.D
Acq: 30 Jan 2020 18:52

Instrument :
BNA_F
ClientSampleId :
RBR-56MS

Tot Ion	Ratio	Lower	Upper
77	100		
182	30.4	12.3	52.3
105	23.7	4.0	44.0
51	27.2	7.2	47.2

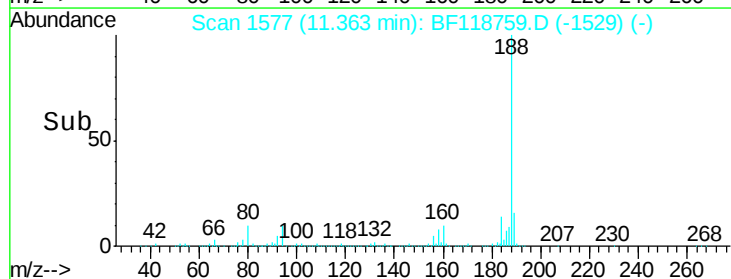
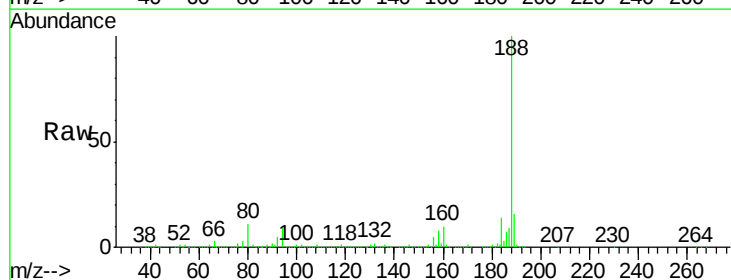
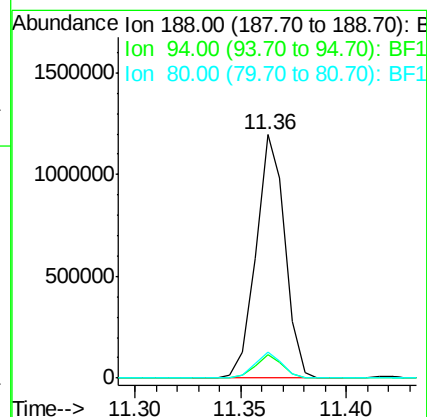
Manual Integrations
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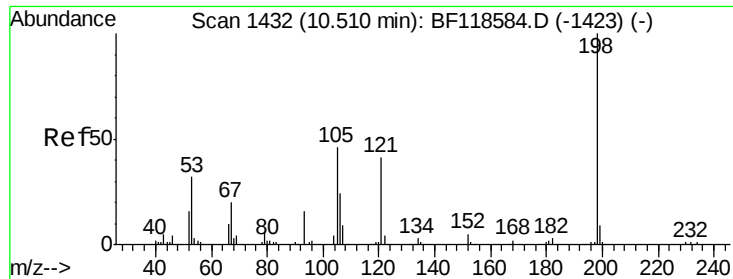
mohammad
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#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.36 min Scan# 1577
Delta R.T. -0.02 min
Lab File: BF118759.D
Acq: 30 Jan 2020 18:52

Tgt Ion	Ratio	Lower	Upper
188	100		
94	9.6	7.4	11.2
80	10.5	7.8	11.8





#65

4,6-Dinitro-2-methylphenol

Concen: 53.289 ng

RT: 10.47 min Scan# 1426

Delta R.T. -0.02 min

Lab File: BF118759.D

Acq: 30 Jan 2020 18:52

Instrument :

BNA_F

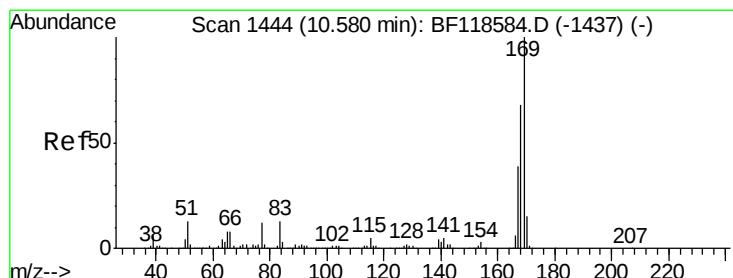
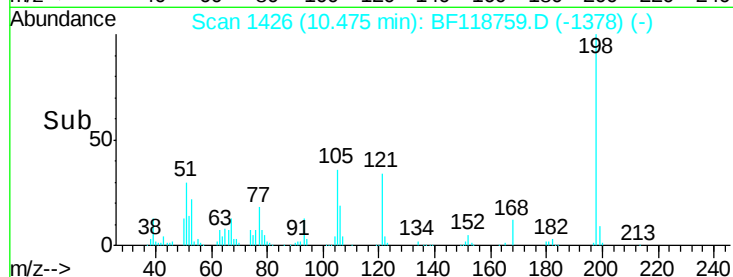
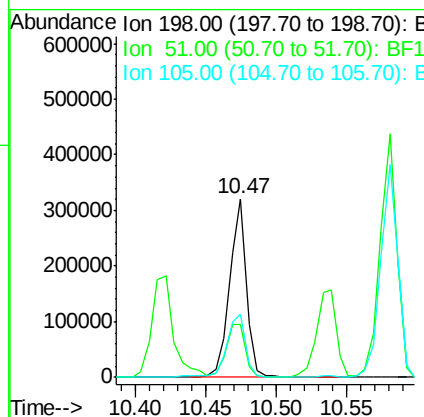
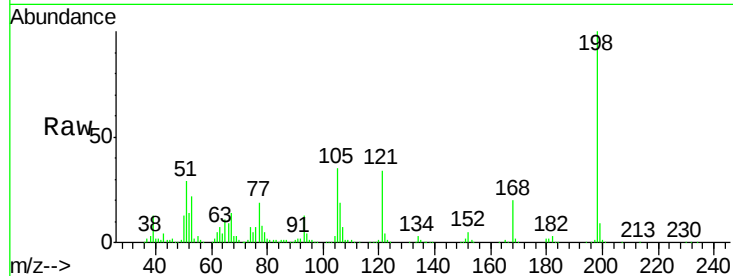
ClientSampled :

RBR-56MS

Tot Ion:	198	Resp:	266203
Ion Ratio	Lower	Upper	
198	100		
51	29.4	9.6	49.6
105	35.3	15.5	55.5

Manual Integrations
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#66

n-Nitrosodiphenylamine

Concen: 38.819 ng

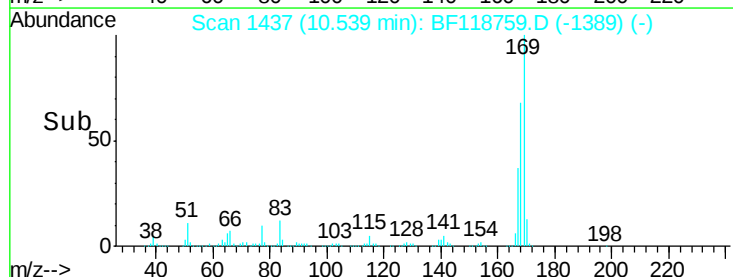
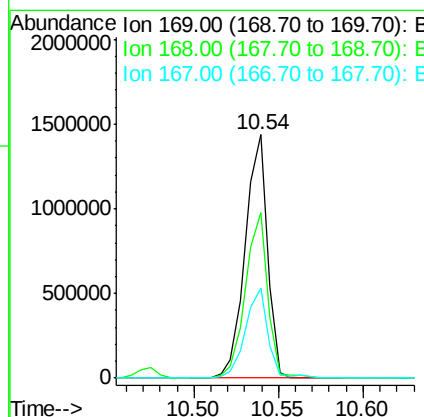
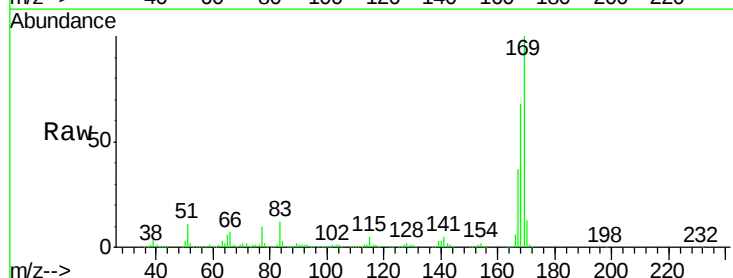
RT: 10.54 min Scan# 1437

Delta R.T. -0.02 min

Lab File: BF118759.D

Acq: 30 Jan 2020 18:52

Tgt Ion:	169	Resp:	1329952
Ion Ratio	Lower	Upper	
169	100		
168	67.9	53.4	80.0
167	37.0	29.2	43.8





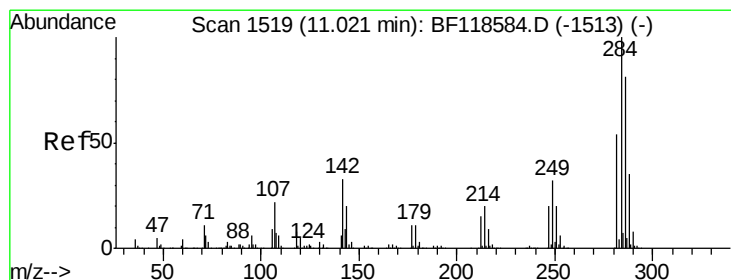
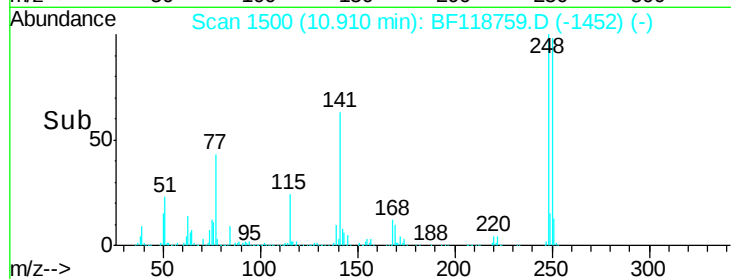
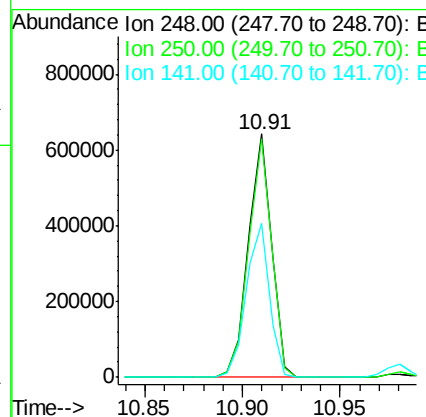
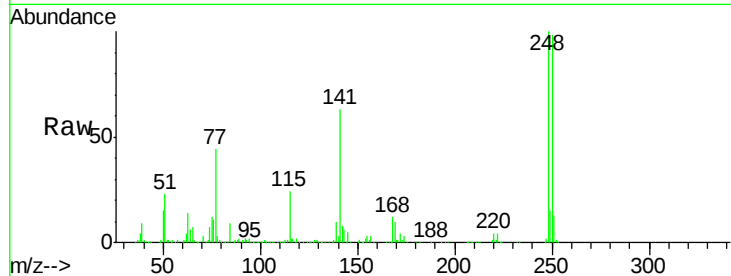
#67
4-Bromophenyl-phenylether
Concen: 37.717 ng
RT: 10.91 min Scan# 1500
Delta R.T. -0.02 min
Lab File: BF118759.D
Acq: 30 Jan 2020 18:52

Instrument :
BNA_F
ClientSampleId :
RBR-56MS

Tot Ion	Ratio	Lower	Upper
248	100		
250	97.7	78.7	118.1
141	63.2	48.4	72.6

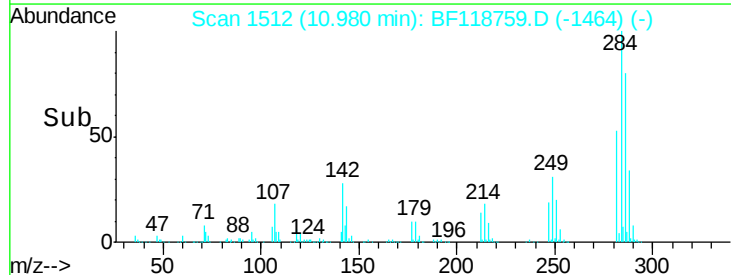
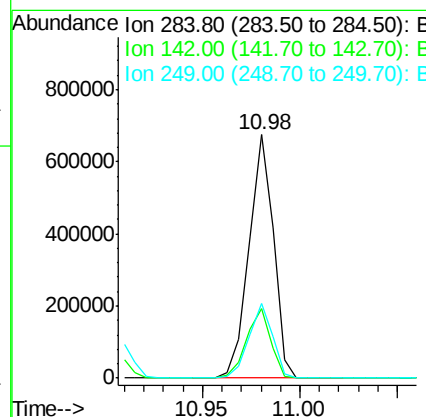
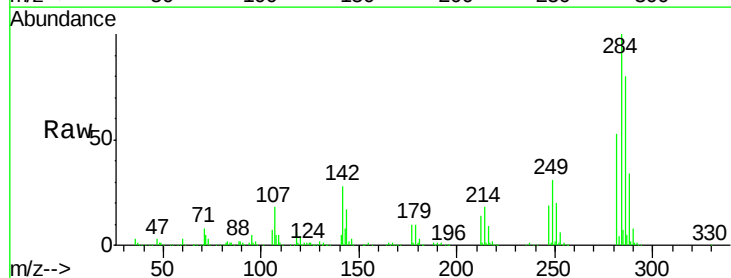
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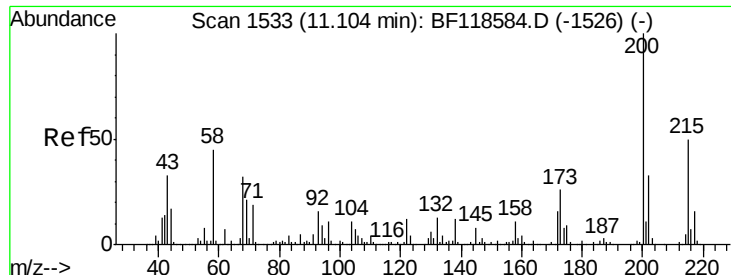
mohammad
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#68
Hexachlorobenzene
Concen: 36.927 ng
RT: 10.98 min Scan# 1512
Delta R.T. -0.02 min
Lab File: BF118759.D
Acq: 30 Jan 2020 18:52

Tgt Ion	Ratio	Lower	Upper
284	100		
142	28.4	23.1	34.7
249	30.9	24.0	36.0





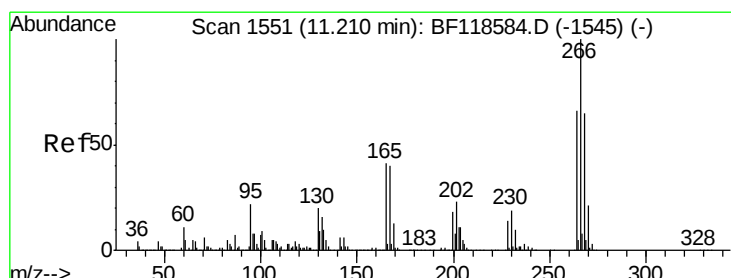
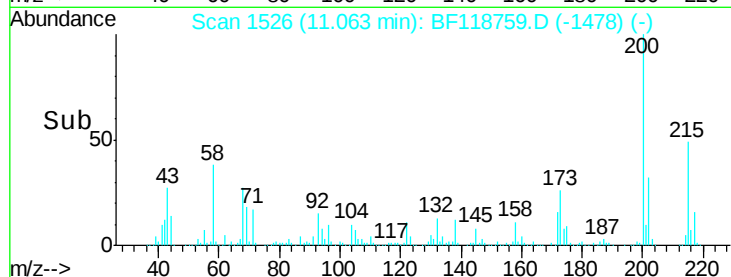
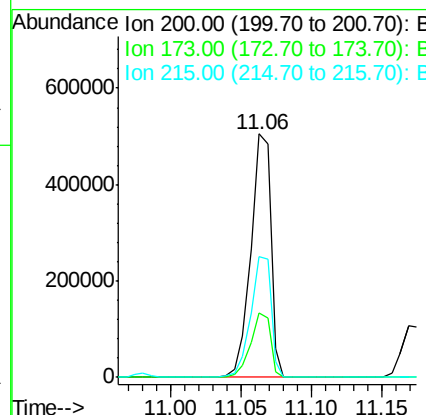
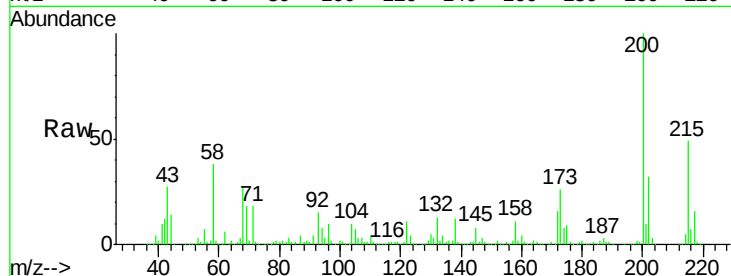
#69
Atrazine
Concen: 42.422 ng
RT: 11.06 min Scan# 1526
Delta R.T. -0.02 min
Lab File: BF118759.D
Acq: 30 Jan 2020 18:52

Instrument :
BNA_F
ClientSampleId :
RBR-56MS

Tot Ion	Ratio	Resp Lower	Resp Upper
200	100		
173	26.4	6.8	46.8
215	49.4	30.4	70.4

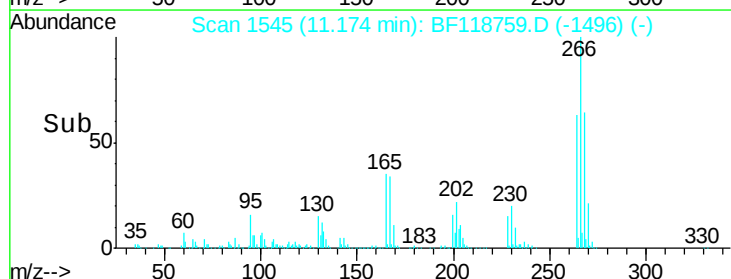
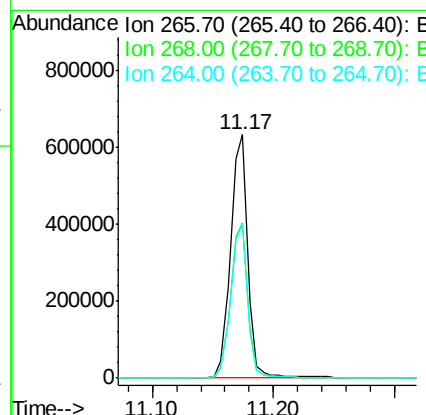
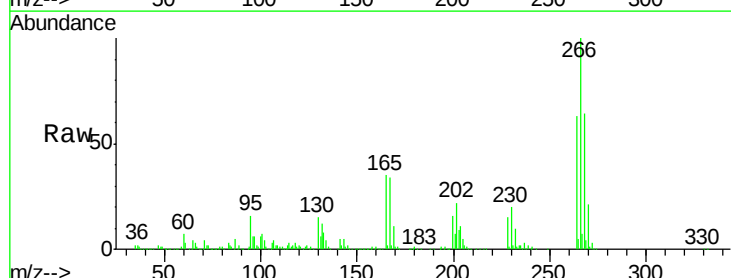
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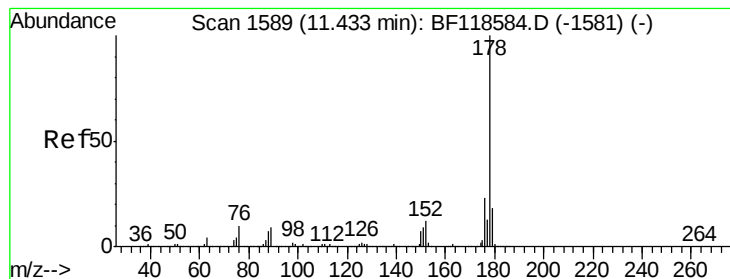
mohammad
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#70
Pentachlorophenol
Concen: 70.853 ng
RT: 11.17 min Scan# 1545
Delta R.T. -0.01 min
Lab File: BF118759.D
Acq: 30 Jan 2020 18:52

Tgt Ion	Ratio	Resp Lower	Resp Upper
266	100		
268	63.8	51.6	77.4
264	63.2	50.9	76.3





#71

Phenanthrene

Concen: 40.834 ng

RT: 11.39 min Scan# 1582

Delta R.T. -0.01 min

Lab File: BF118759.D

Acq: 30 Jan 2020 18:52

Instrument :

BNA_F

ClientSampleId :

RBR-56MS

Tot Ion:178 Resp: 2237999

Ion Ratio Lower Upper

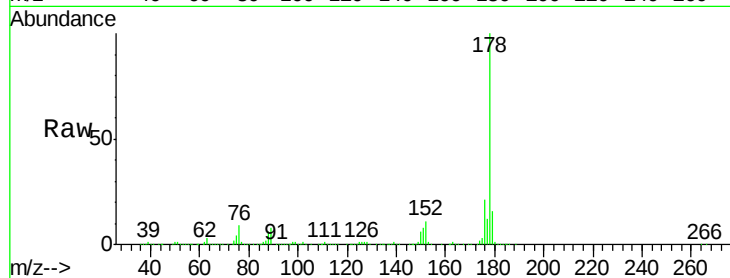
178 100

176 20.7 16.5 24.7

179 16.5 13.3 19.9

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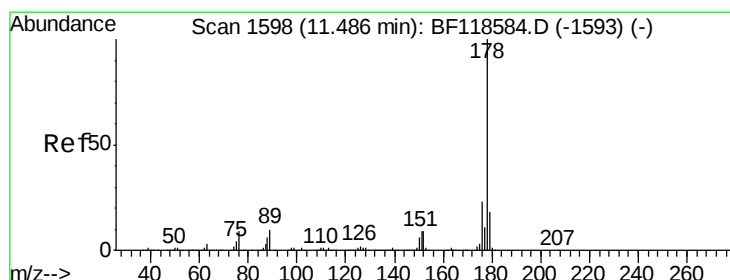
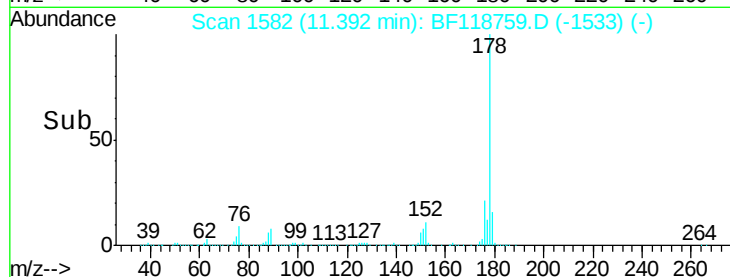
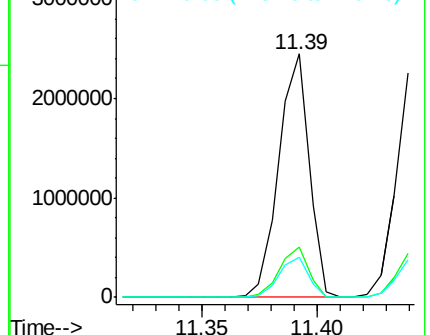
mohammad
2/3/2020 7:57:07 AM



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: 41.392 ng

RT: 11.45 min Scan# 1591

Delta R.T. -0.01 min

Lab File: BF118759.D

Acq: 30 Jan 2020 18:52

Tgt Ion:178 Resp: 2244751

Ion Ratio Lower Upper

178 100

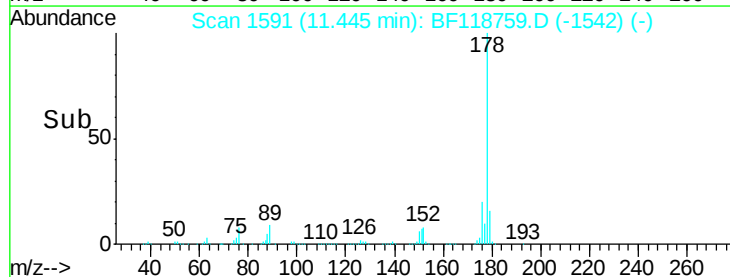
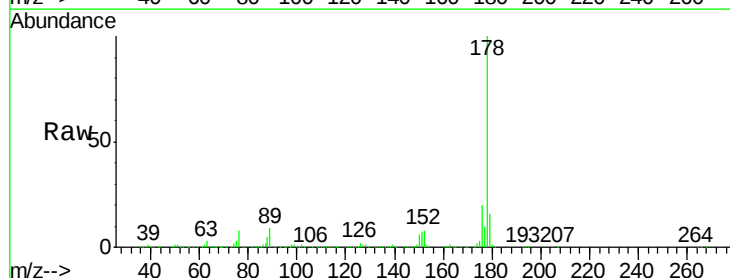
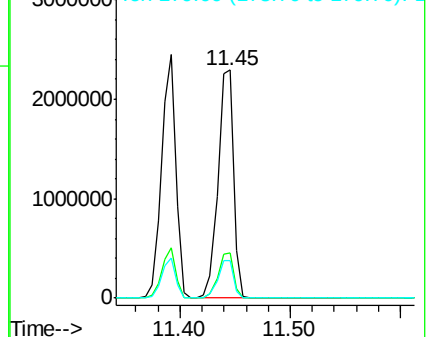
176 19.7 15.8 23.8

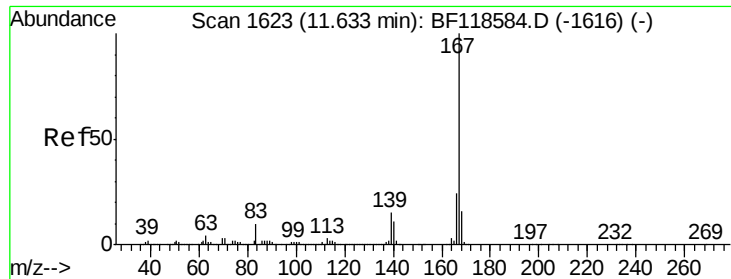
179 16.2 13.3 19.9

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





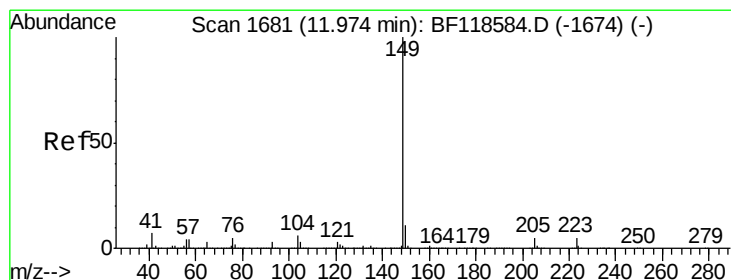
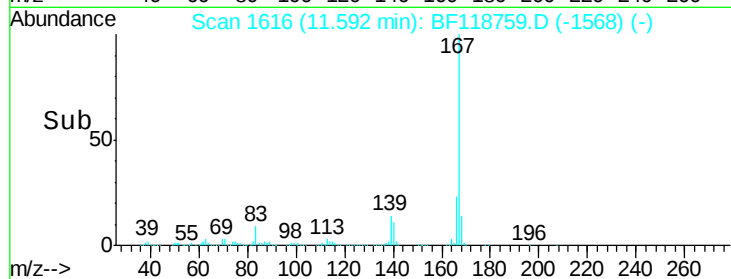
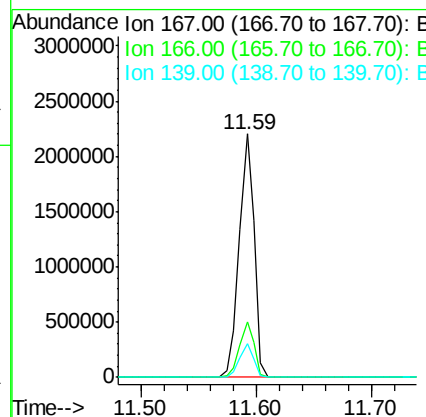
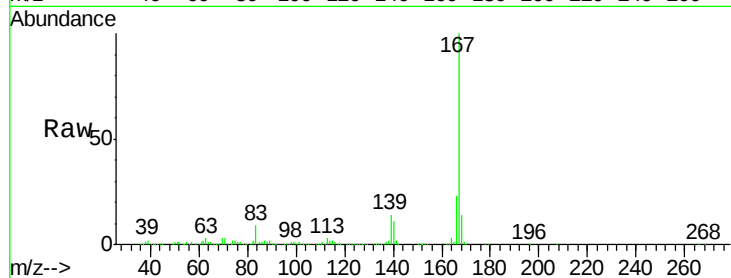
#73
 Carbazole
 Concen: 39.778 ng
 RT: 11.59 min Scan# 1616
 Delta R.T. -0.02 min
 Lab File: BF118759.D
 Acq: 30 Jan 2020 18:52

Instrument :
 BNA_F
 ClientSampled :
 RBR-56MS

Tot Ion	Ratio	Lower	Upper
167	100		
166	23.0	18.3	27.5
139	13.7	11.0	16.4

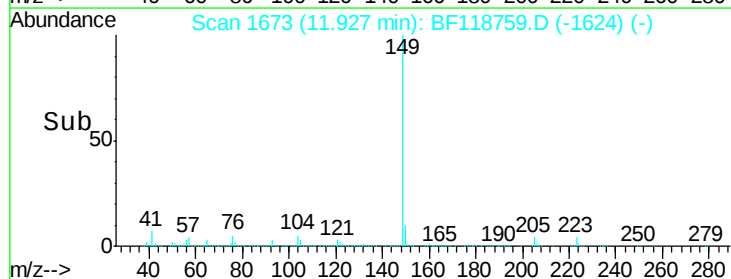
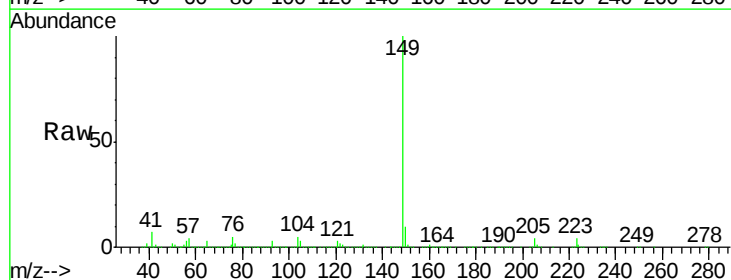
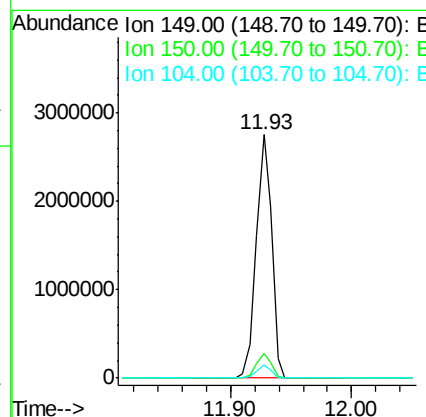
Manual Integrations
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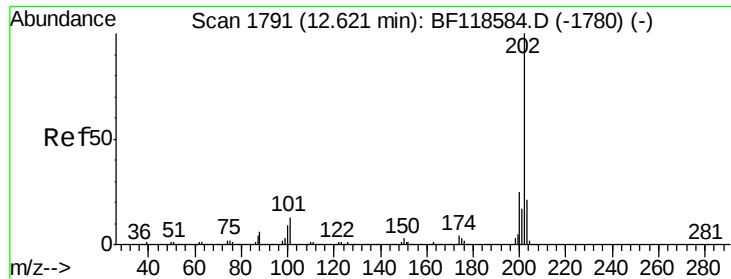
mohammad
 2/3/2020 7:57:07 AM



#74
 Di-n-butylphthalate
 Concen: 44.597 ng
 RT: 11.93 min Scan# 1673
 Delta R.T. -0.01 min
 Lab File: BF118759.D
 Acq: 30 Jan 2020 18:52

Tgt Ion	Ratio	Lower	Upper
149	100		
150	10.2	8.2	12.2
104	5.4	4.2	6.4





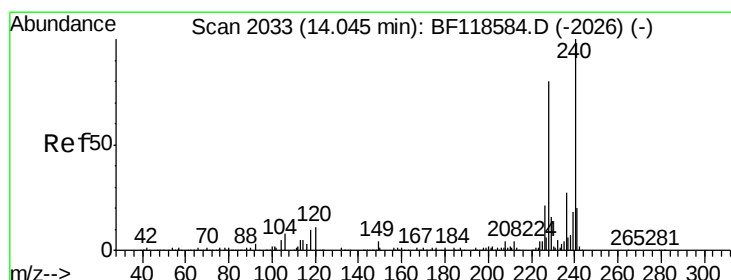
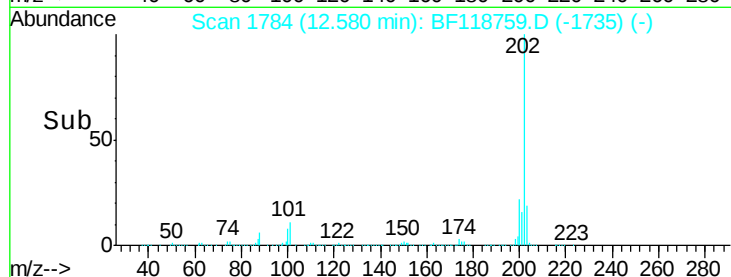
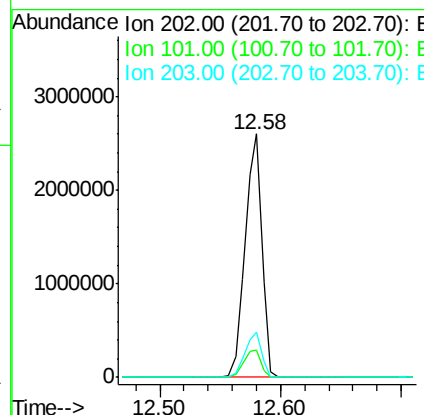
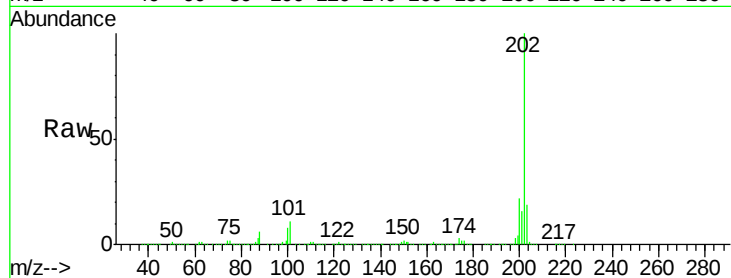
#75
Fluoranthene
Concen: 43.775 ng
RT: 12.58 min Scan# 1784
Delta R.T. -0.01 min
Lab File: BF118759.D
Acq: 30 Jan 2020 18:52

Instrument :
BNA_F
ClientSampleId :
RBR-56MS

Tot Ion	Ratio	Lower	Upper
202	100		
101	11.2	0.0	32.1
203	18.7	0.0	38.9

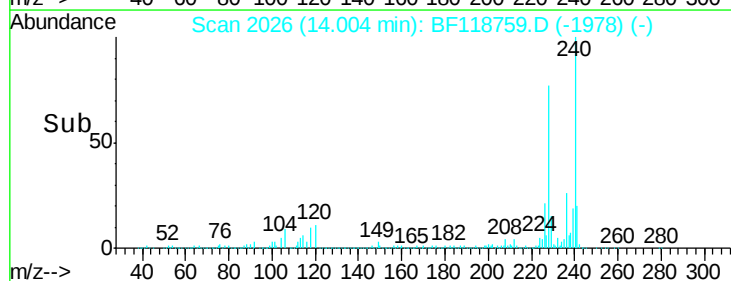
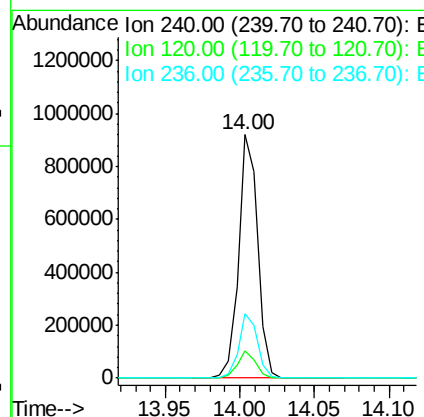
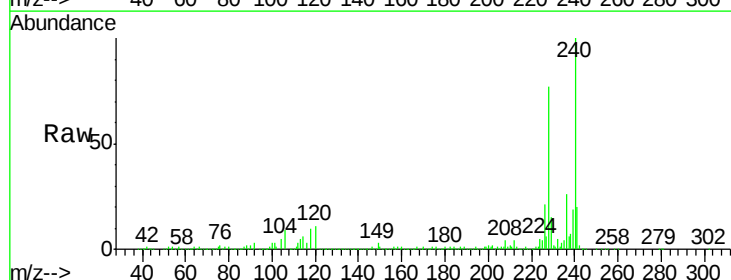
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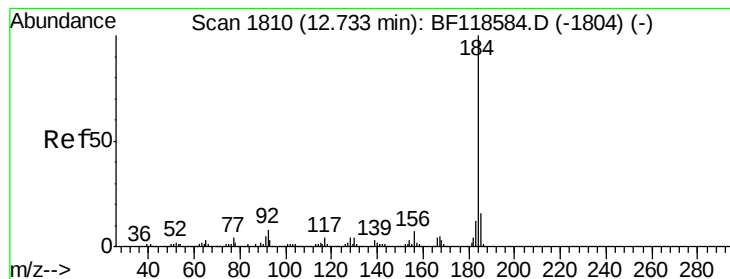
mohammad
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#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.00 min Scan# 2026
Delta R.T. -0.02 min
Lab File: BF118759.D
Acq: 30 Jan 2020 18:52

Tgt Ion	Ratio	Lower	Upper
240	100		
120	11.2	7.6	11.4
236	26.4	21.0	31.4





#77

Benzidine

Concen: 55.985 ng

RT: 12.69 min Scan# 1803

Delta R.T. -0.02 min

Lab File: BF118759.D

Acq: 30 Jan 2020 18:52

Instrument :

BNA_F

ClientSampleId :

RBR-56MS

Tot Ion:184 Resp: 1241612

Ion Ratio Lower Upper

184 100

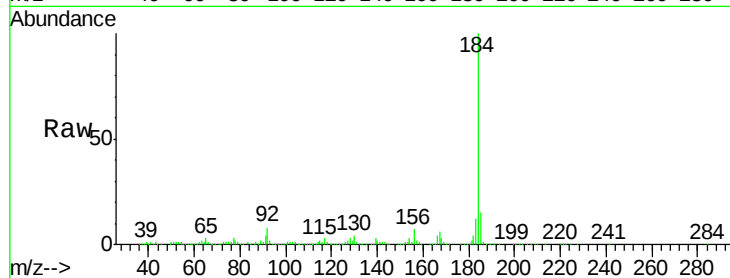
185 14.6 11.8 17.8

183 12.4 9.7 14.5

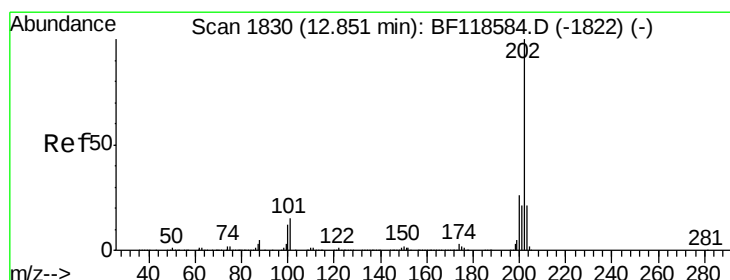
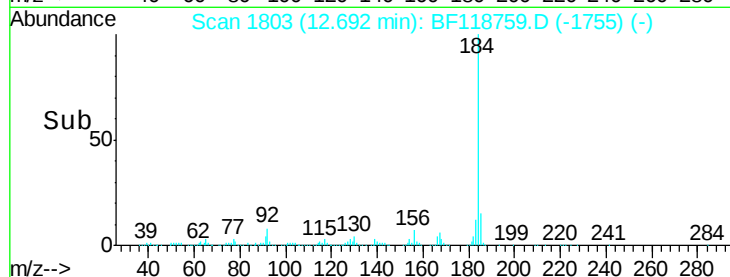
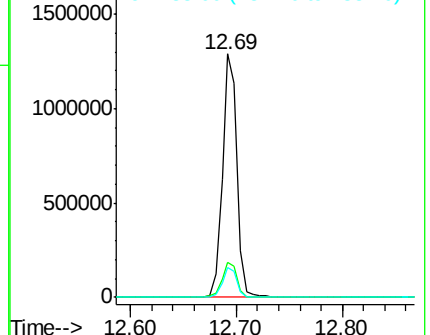
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Abundance Ion 184.00 (183.70 to 184.70): E
Ion 185.00 (184.70 to 185.70): E
Ion 183.00 (182.70 to 183.70): E



#78

Pyrene

Concen: 44.605 ng

RT: 12.81 min Scan# 1823

Delta R.T. -0.01 min

Lab File: BF118759.D

Acq: 30 Jan 2020 18:52

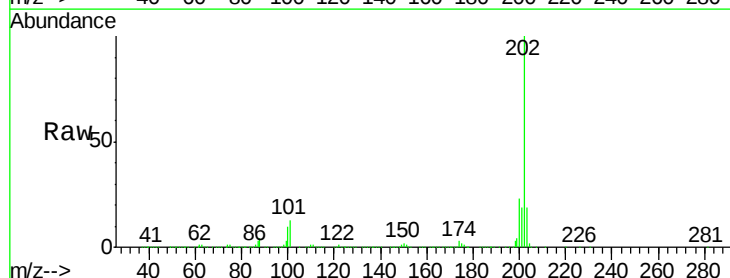
Tgt Ion:202 Resp: 2513519

Ion Ratio Lower Upper

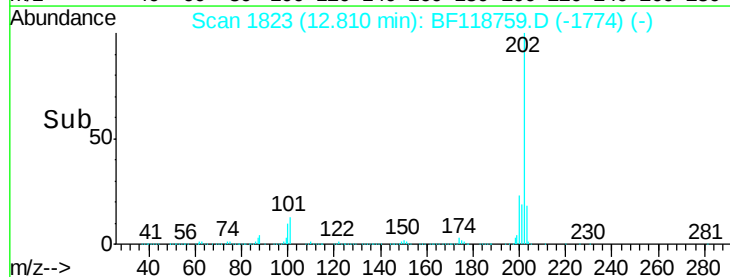
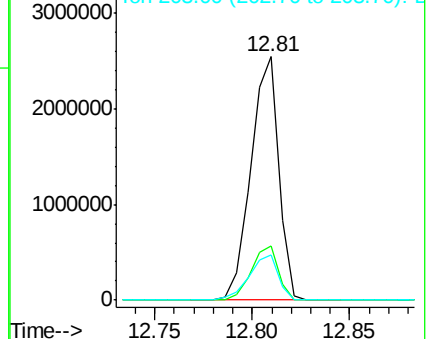
202 100

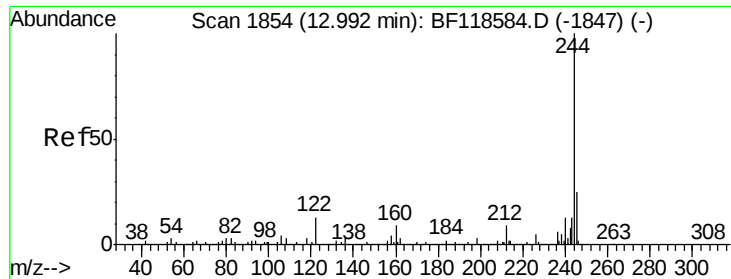
200 22.5 18.1 27.1

203 18.5 15.2 22.8



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





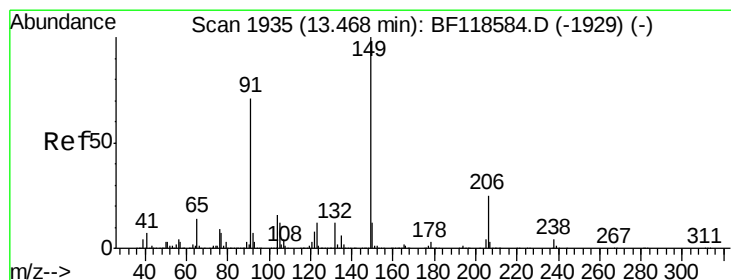
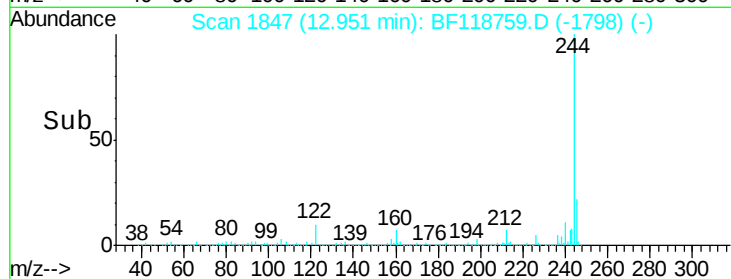
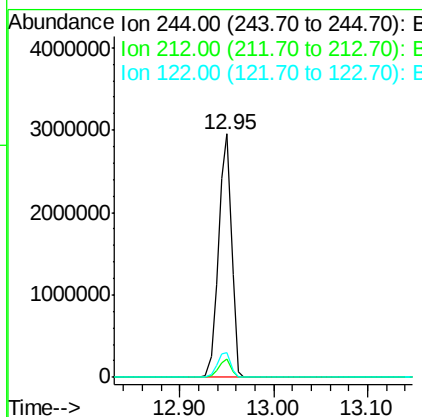
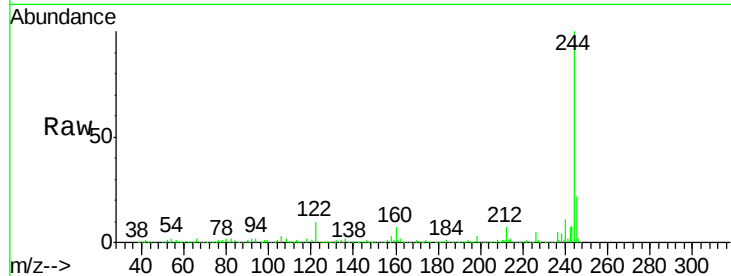
#79
 Terphenyl-d14
 Concen: 75.353 ng
 RT: 12.95 min Scan# 1847
 Delta R.T. -0.01 min
 Lab File: BF118759.D
 Acq: 30 Jan 2020 18:52

Instrument :
 BNA_F
 ClientSampleId :
 RBR-56MS

Tot Ion	Ratio	Lower	Upper
244	100		
212	7.5	6.3	9.5
122	10.2	9.2	13.8

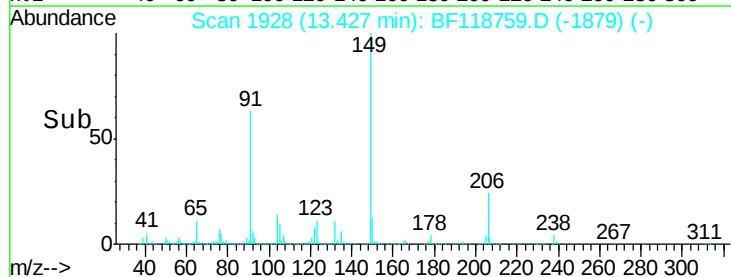
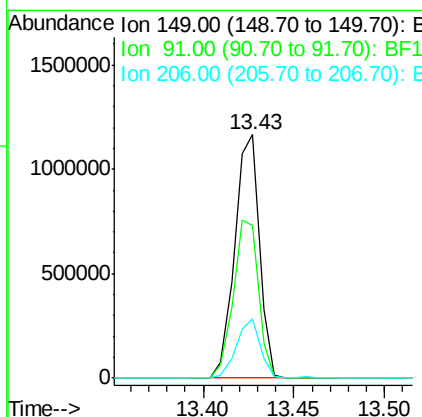
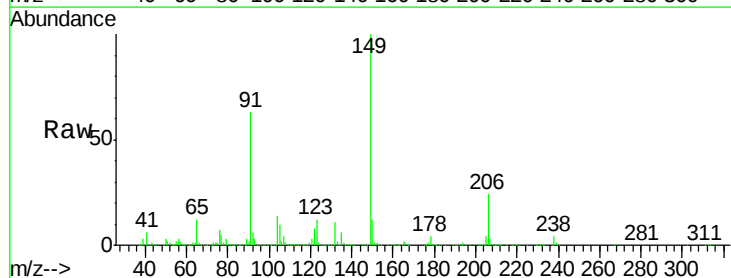
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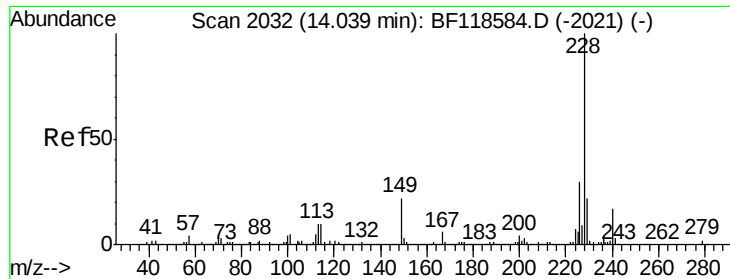
mohammad
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#80
 Butylbenzylphthalate
 Concen: 47.790 ng
 RT: 13.43 min Scan# 1928
 Delta R.T. -0.01 min
 Lab File: BF118759.D
 Acq: 30 Jan 2020 18:52

Tgt Ion	Ratio	Lower	Upper
149	100		
91	63.0	49.6	74.4
206	24.5	19.9	29.9





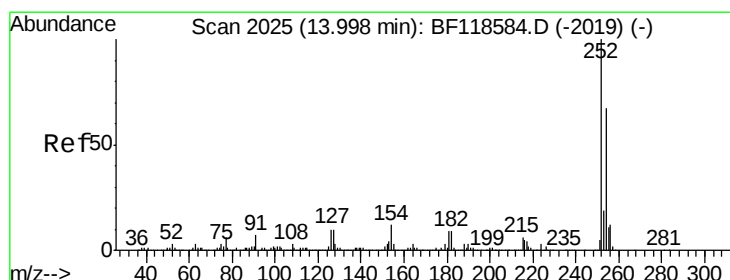
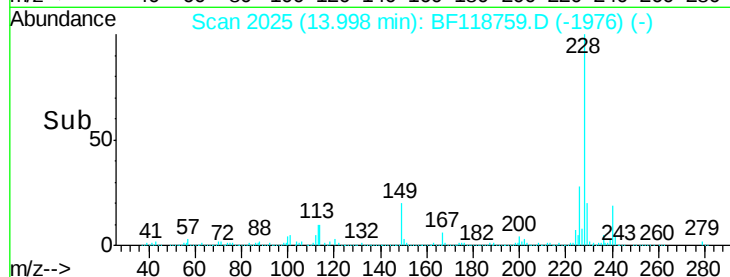
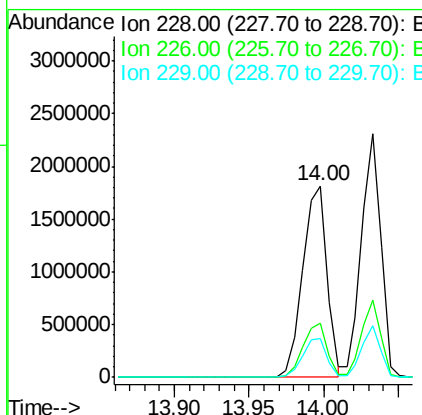
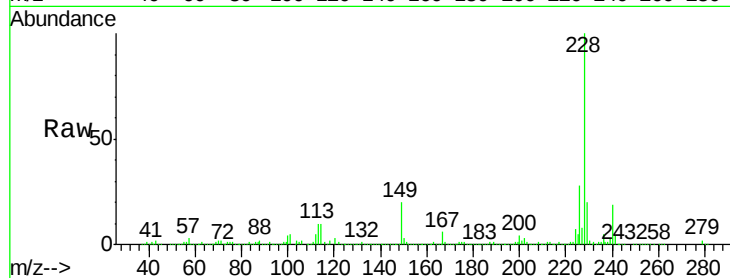
#81
Benzo(a)anthracene
Concen: 40.779 ng
RT: 14.00 min Scan# 2025
Delta R.T. -0.01 min
Lab File: BF118759.D
Acq: 30 Jan 2020 18:52

Instrument :
BNA_F
ClientSampleId :
RBR-56MS

Tot Ion	Ratio	Lower	Upper
228	100		
226	28.0	22.6	34.0
229	20.3	16.6	25.0

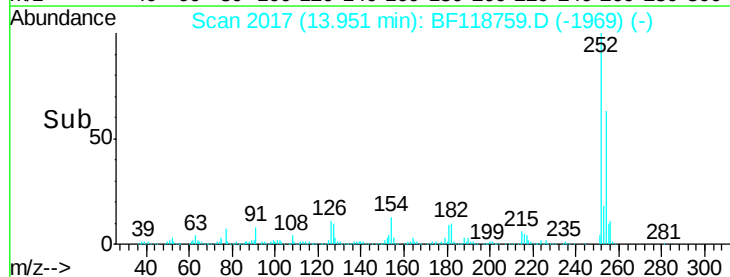
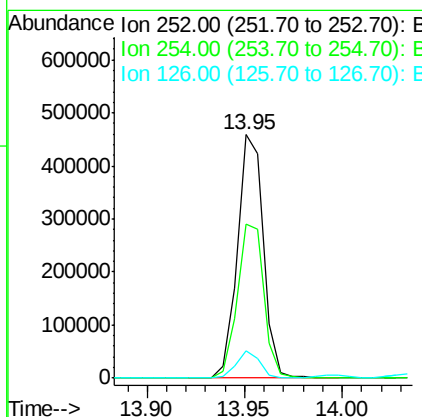
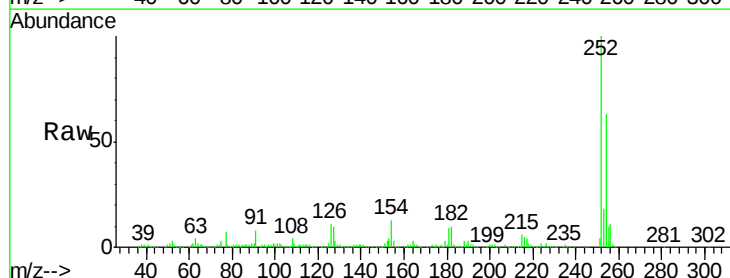
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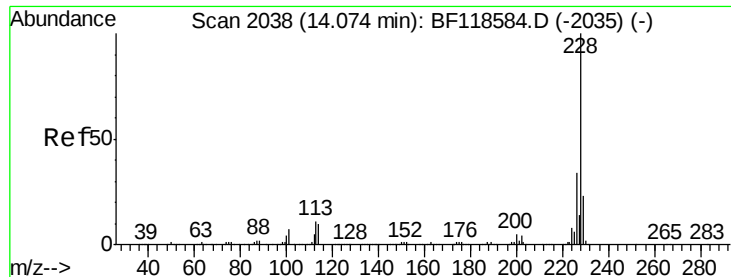
mohammad
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#82
3,3'-Dichlorobenzidine
Concen: 23.691 ng
RT: 13.95 min Scan# 2017
Delta R.T. -0.02 min
Lab File: BF118759.D
Acq: 30 Jan 2020 18:52

Tgt Ion	Ratio	Lower	Upper
252	100		
254	63.4	52.6	78.8
126	11.3	8.1	12.1





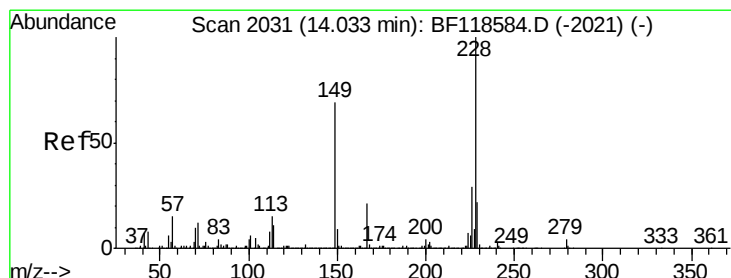
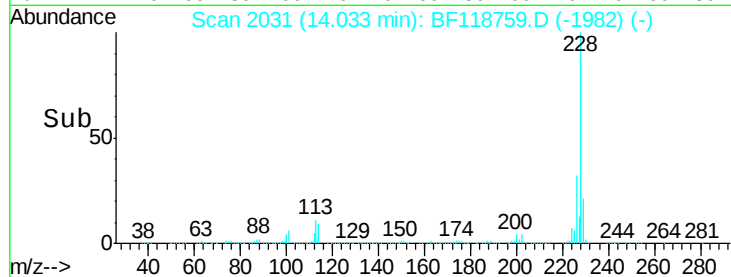
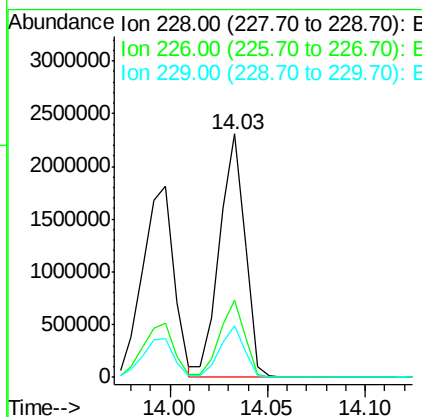
#83
 Chrvsene
 Concen: 43.648 ng
 RT: 14.03 min Scan# 2031
 Delta R.T. -0.01 min
 Lab File: BF118759.D
 Acq: 30 Jan 2020 18:52

Instrument :
 BNA_F
 ClientSampleId :
 RBR-56MS

Tot Ion	Ratio	Lower	Upper
228	100		
226	31.7	25.6	38.4
229	21.1	17.1	25.7

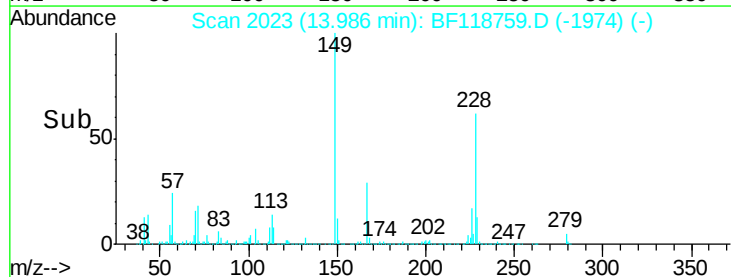
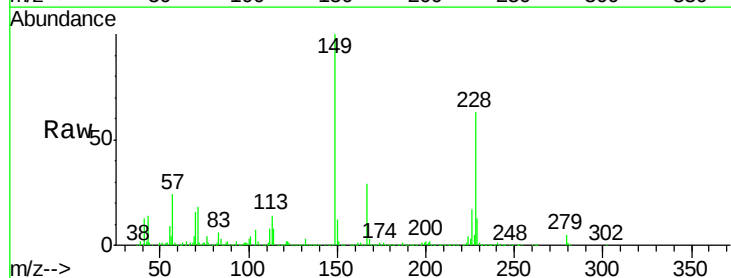
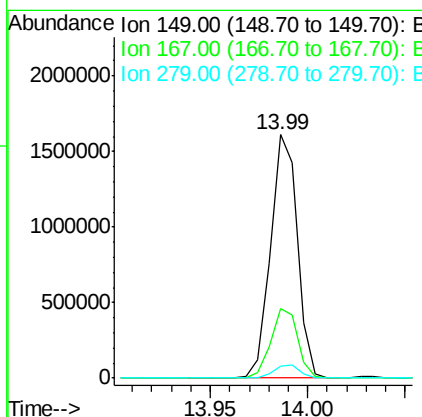
Manual Integrations
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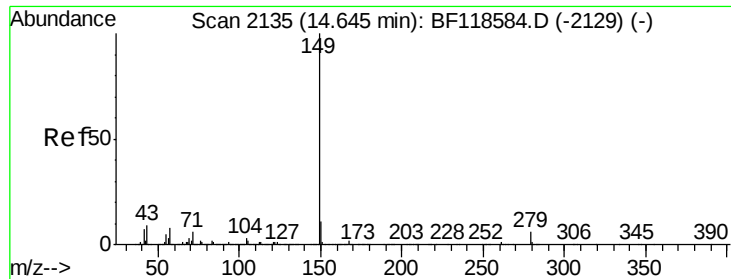
mohammad
 2/3/2020 7:57:07 AM



#84
 Bis(2-ethylhexyl)phthalate
 Concen: 54.114 ng
 RT: 13.99 min Scan# 2023
 Delta R.T. -0.01 min
 Lab File: BF118759.D
 Acq: 30 Jan 2020 18:52

Tgt Ion	Ratio	Lower	Upper
149	100		
167	28.7	23.6	35.4
279	5.0	4.5	6.7





#85

Di-n-octyl phthalate

Concen: 59.967 ng

RT: 14.60 min Scan# 2127

Delta R.T. -0.01 min

Lab File: BF118759.D

Acq: 30 Jan 2020 18:52

Instrument :

BNA_F

ClientSampleId :

RBR-56MS

Tot Ion:149 Resp: 2500961

Ion Ratio Lower Upper

149 100

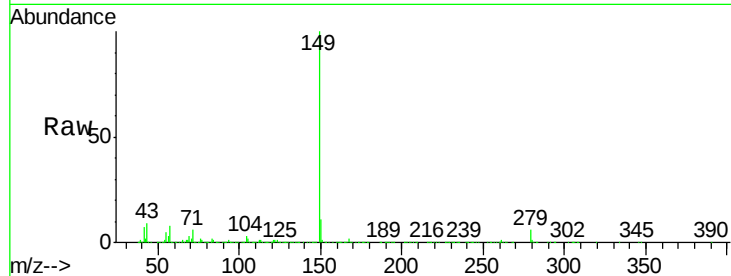
167 1.7 1.4 2.0

43 8.4 6.6 10.0

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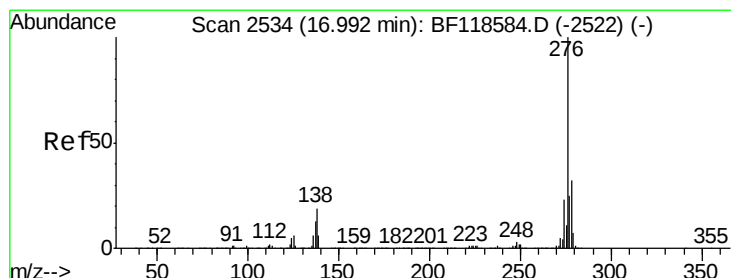
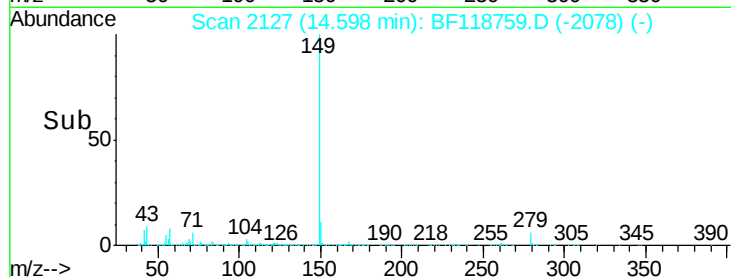
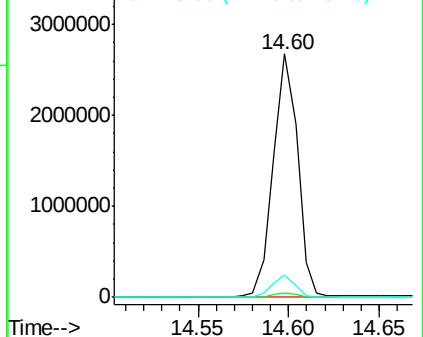
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Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 43.00 (42.70 to 43.70): BF1



#86

Indeno(1,2,3-cd)pyrene

Concen: 54.730 ng

RT: 16.93 min Scan# 2523

Delta R.T. -0.02 min

Lab File: BF118759.D

Acq: 30 Jan 2020 18:52

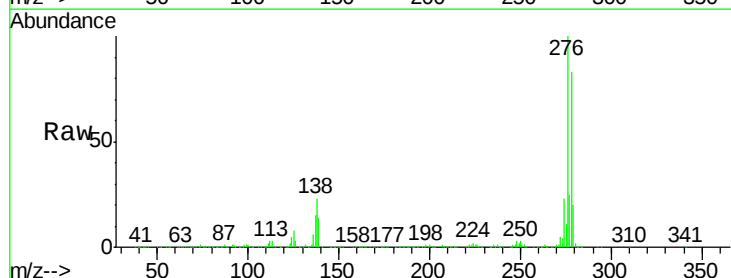
Tgt Ion:276 Resp: 2275647

Ion Ratio Lower Upper

276 100

138 23.2 18.2 27.4

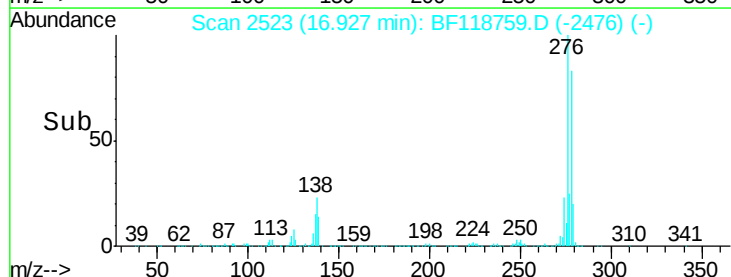
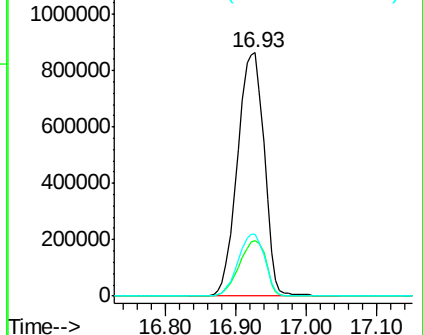
277 25.6 20.4 30.6

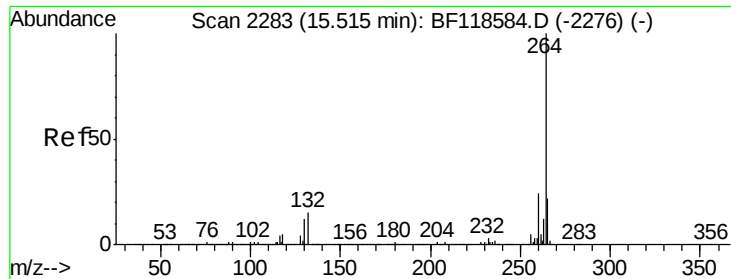


Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E





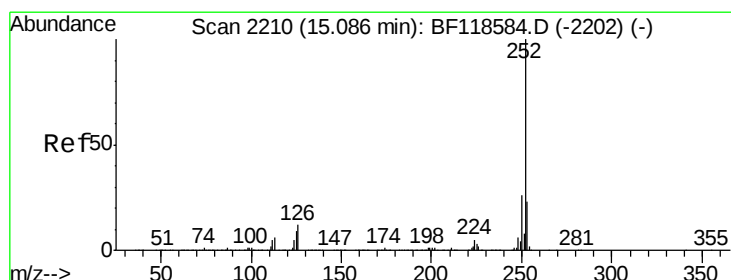
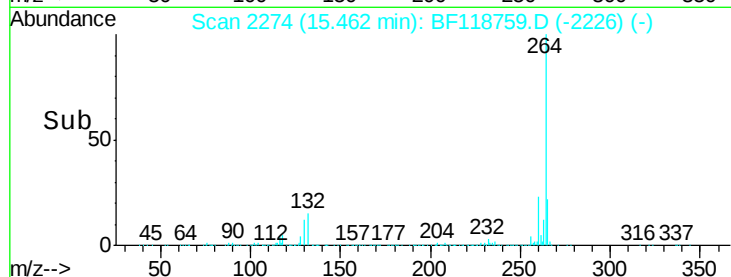
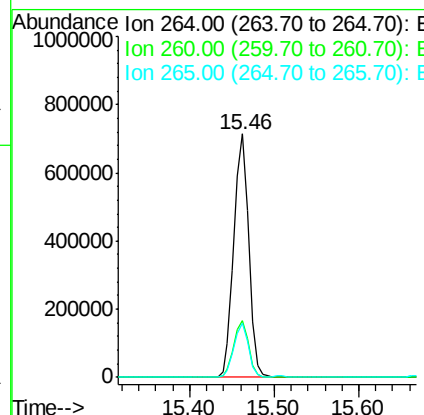
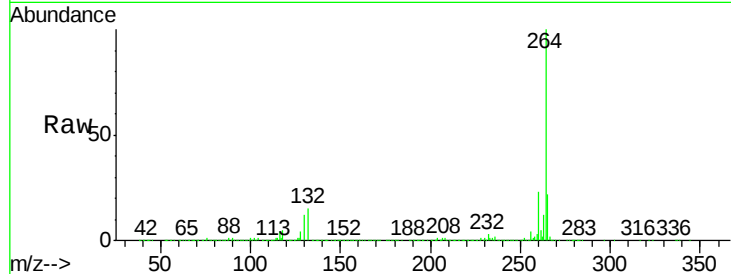
#87
Pervlene-d12
Concen: 20.000 ng
RT: 15.46 min Scan# 2274
Delta R.T. -0.02 min
Lab File: BF118759.D
Acq: 30 Jan 2020 18:52

Instrument :
BNA_F
ClientSampleId :
RBR-56MS

Tot Ion	Ratio	Lower	Upper
264	100		
260	23.4	18.6	28.0
265	22.1	17.0	25.6

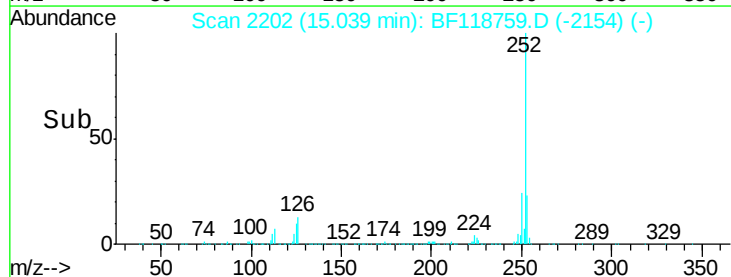
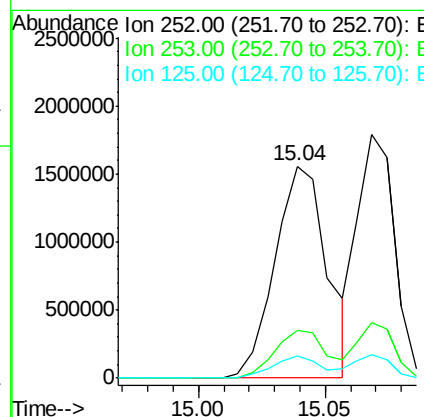
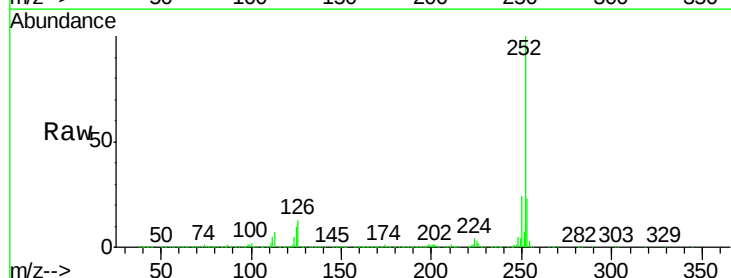
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#88
Benzo(b)fluoranthene
Concen: 40.898 ng
RT: 15.04 min Scan# 2202
Delta R.T. -0.02 min
Lab File: BF118759.D
Acq: 30 Jan 2020 18:52

Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.8	18.2	27.4
125	10.2	7.7	11.5





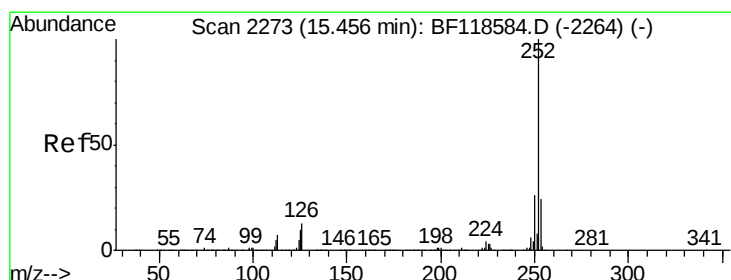
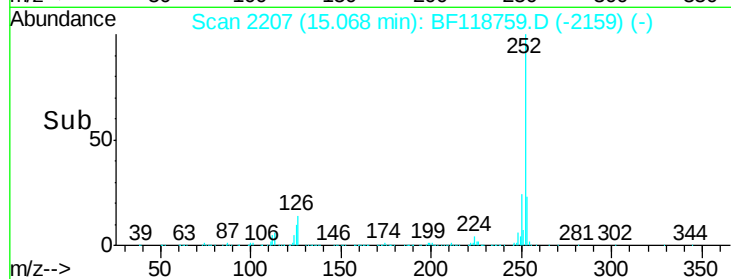
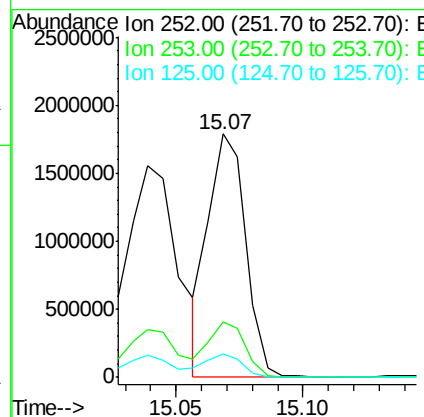
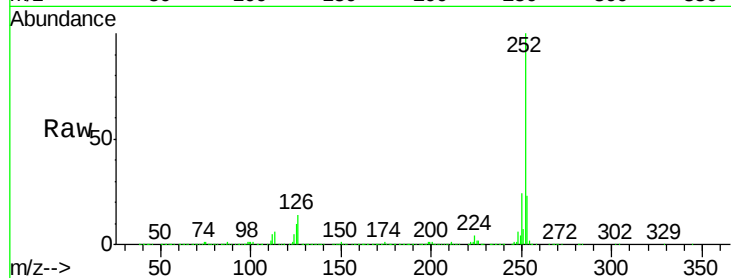
#89
Benzo(k)fluoranthene
Concen: 36.097 ng
RT: 15.07 min Scan# 2207
Delta R.T. -0.02 min
Lab File: BF118759.D
Acq: 30 Jan 2020 18:52

Instrument :
BNA_F
ClientSampleId :
RBR-56MS

Tot Ion	Ratio	Lower	Upper
252	100		
253	23.0	18.4	27.6
125	9.9	8.1	12.1

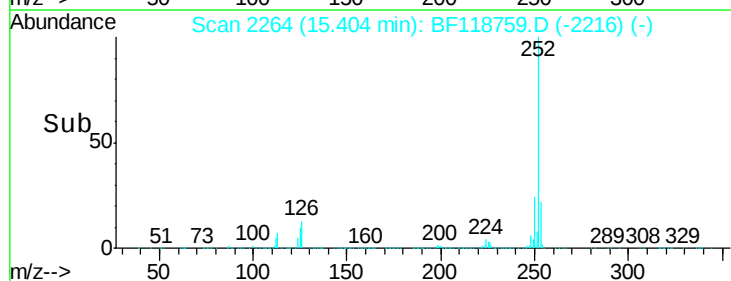
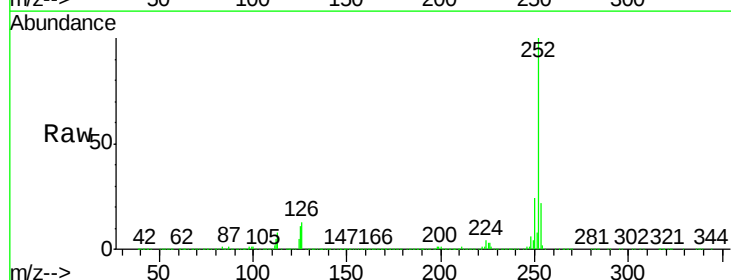
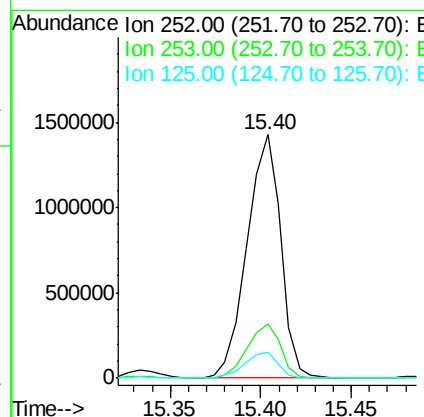
Manual Integrations
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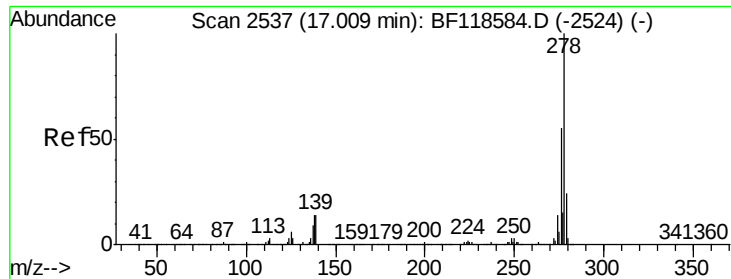
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#90
Benzo(a)pyrene
Concen: 39.056 ng
RT: 15.40 min Scan# 2264
Delta R.T. -0.02 min
Lab File: BF118759.D
Acq: 30 Jan 2020 18:52

Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.4	18.2	27.4
125	10.7	8.3	12.5





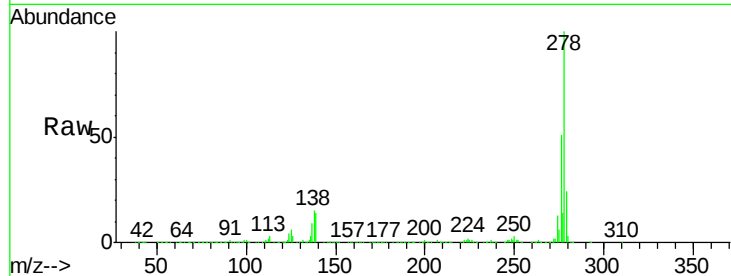
#91
Dibenzo(a,h)anthracene
Concen: 44.897 ng
RT: 16.94 min Scan# 2525
Delta R.T. -0.03 min
Lab File: BF118759.D
Acq: 30 Jan 2020 18:52

Instrument :
BNA_F
ClientSampleId :
RBR-56MS

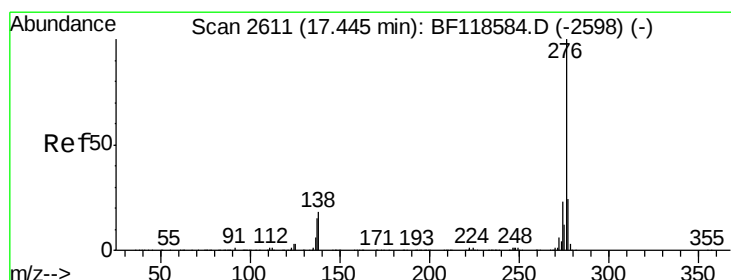
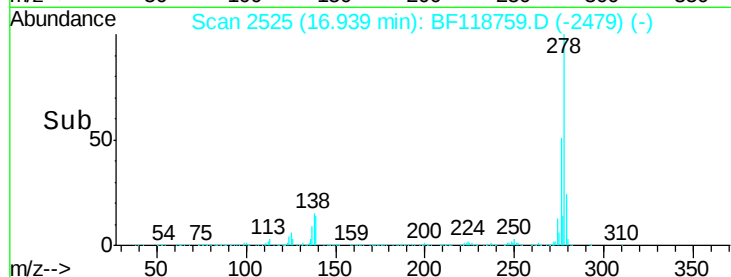
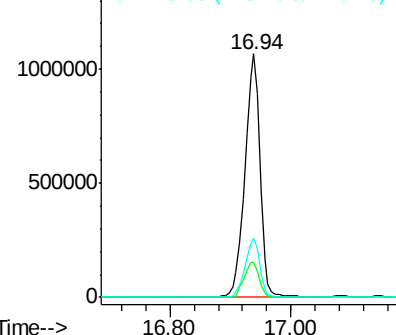
Tot Ion	Ratio	Lower	Upper
278	100		
139	14.3	11.8	17.6
279	24.4	19.1	28.7

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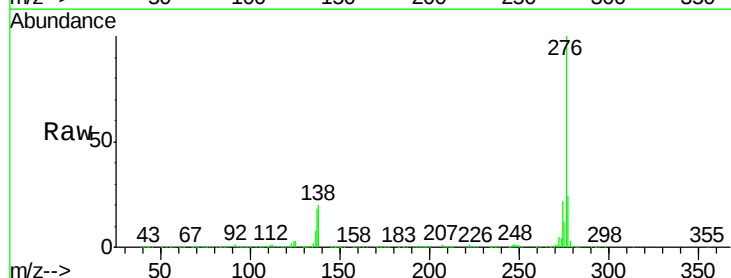


Abundance Ion 278.00 (277.70 to 278.70): E
Ion 139.00 (138.70 to 139.70): E
Ion 279.00 (278.70 to 279.70): E



#92
Benzo(g,h,i)perylene
Concen: 48.016 ng
RT: 17.36 min Scan# 2597
Delta R.T. -0.03 min
Lab File: BF118759.D
Acq: 30 Jan 2020 18:52

Tgt Ion	Ratio	Lower	Upper
276	100		
277	24.3	19.0	28.6
138	20.5	15.4	23.2



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

