

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF012020\
 Data File : BF118593.D
 Acq On : 20 Jan 2020 16:03
 Operator : CG/JU
 Sample : PB126190BS
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB126190BS

Manual Integrations
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 1/21/2020 2:26:03 PM

Quant Time: Jan 21 01:53:52 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 20 14:45:03 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.88	152	445150	20.00	ng	0.00
21) Naphthalene-d8	8.16	136	1668823	20.00	ng	0.00
39) Acenaphthene-d10	9.92	164	975334	20.00	ng	0.00
64) Phenanthrene-d10	11.40	188	1815019	20.00	ng	0.00
76) Chrysene-d12	14.04	240	1445424	20.00	ng	0.00
87) Perylene-d12	15.52	264	1264426	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.51	112	2984005	124.50	ng	0.01
7) Phenol-d6	6.51	99	3917620	125.76	ng	0.00
23) Nitrobenzene-d5	7.44	82	2260590	75.77	ng	0.00
42) 2,4,6-Tribromophenol	10.72	330	1428462	126.63	ng	0.00
45) 2-Fluorobiphenyl	9.25	172	4239026	71.44	ng	0.00
79) Terphenyl-d14	12.99	244	4946491	74.64	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.76	88	467571	40.277	ng	99
3) Pyridine	3.51	79	1152982	35.238	ng	100
4) n-Nitrosodimethylamine	3.45	42	575930	41.056	ng	96
6) Aniline	6.54	93	1414075	34.473	ng	100
8) 2-Chlorophenol	6.67	128	1213582	45.110	ng	100
9) Benzaldehyde	6.43	77	652176	34.423	ng	95
10) Phenol	6.52	94	1535304	43.246	ng	98
11) bis(2-Chloroethyl)ether	6.62	93	1118446	42.462	ng	99
12) 1,3-Dichlorobenzene	6.82	146	1318132	41.861	ng	97
13) 1,4-Dichlorobenzene	6.90	146	1311081	41.479	ng	98
14) 1,2-Dichlorobenzene	7.05	146	1246570	41.952	ng	99
15) Benzyl Alcohol	7.02	79	1103824	44.681	ng	100
16) 2,2'-oxybis(1-Chloropropan	7.16	45	1493236	40.700	ng	100
17) 2-Methylphenol	7.13	107	1006869	44.931	ng	100
18) Hexachloroethane	7.40	117	477523	41.663	ng	95
19) n-Nitroso-di-n-propylamine	7.29	70	907410	43.138	ng	99
20) 3+4-Methylphenols	7.28	107	1258522	45.999	ng	# 89
22) Acetophenone	7.29	105	1643245	41.567	ng	# 95
24) Nitrobenzene	7.46	77	1312665	42.968	ng	99
25) Isophorone	7.70	82	2383186	43.793	ng	100
26) 2-Nitrophenol	7.77	139	596650	45.799	ng	95
27) 2,4-Dimethylphenol	7.82	122	1171915	52.094	ng	98
28) bis(2-Chloroethoxy)methane	7.91	93	1449016	41.325	ng	99
29) 2,4-Dichlorophenol	8.02	162	1092256	43.921	ng	99
30) 1,2,4-Trichlorobenzene	8.10	180	1184356	41.074	ng	99
31) Naphthalene	8.19	128	3347500	44.405	ng	99
32) Benzoic acid	7.93	122	746879	44.237	ng	98
33) 4-Chloroaniline	8.23	127	755418	21.680	ng	98
34) Hexachlorobutadiene	8.31	225	686412	39.090	ng	99
35) Caprolactam	8.60	113	347749m	42.730	ng	
36) 4-Chloro-3-methylphenol	8.71	107	1109848	45.194	ng	100
37) 2-Methylnaphthalene	8.88	142	2420256	45.483	ng	99
38) 1-Methylnaphthalene	8.98	142	2286854	45.236	ng	100
40) 1,2,4,5-Tetrachlorobenzene	9.05	216	1212924	39.745	ng	98

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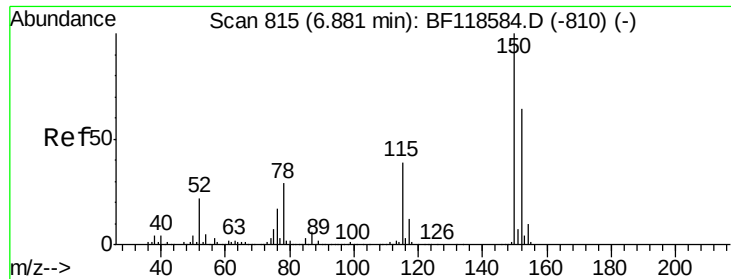
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Quant Time: Jan 21 01:53:52 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF012020.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	9.04	237	1484349	96.404	nq	98
43) 2,4,6-Trichlorophenol	9.15	196	861467	42.540	nq	99
44) 2,4,5-Trichlorophenol	9.19	196	889585	43.012	nq	99
46) 1,1'-Biphenyl	9.35	154	2840637	42.259	nq	99
47) 2-Chloronaphthalene	9.37	162	2344732	41.384	nq	99
48) 2-Nitroaniline	9.46	65	715110	41.059	nq	96
49) Acenaphthylene	9.79	152	3514245	44.090	nq	100
50) Dimethylphthalate	9.65	163	2659400	41.851	nq	100
51) 2,6-Dinitrotoluene	9.70	165	634437	44.587	nq	94
52) Acenaphthene	9.96	154	2464984	46.249	nq	99
53) 3-Nitroaniline	9.86	138	437063	26.899	nq	96
54) 2,4-Dinitrophenol	9.97	184	567785	99.950	nq	# 36
55) Dibenzofuran	10.13	168	3216234	43.545	nq	99
56) 4-Nitrophenol	10.03	139	1134706	92.510	nq	92
57) 2,4-Dinitrotoluene	10.10	165	829806	46.259	nq	96
58) Fluorene	10.47	166	2548868	43.958	nq	100
59) 2,3,4,6-Tetrachlorophenol	10.24	232	788817	43.362	nq	98
60) Diethylphthalate	10.34	149	2617577	42.486	nq	99
61) 4-Chlorophenyl-phenylether	10.46	204	1352441	42.885	nq	99
62) 4-Nitroaniline	10.49	138	651784	39.107	nq	98
63) Azobenzene	10.62	77	2640575	44.255	nq	98
65) 4,6-Dinitro-2-methylphenol	10.51	198	389760	48.835	nq	98
66) n-Nitrosodiphenylamine	10.58	169	2331345	42.592	nq	99
67) 4-Bromophenyl-phenylether	10.95	248	932133	41.569	nq	94
68) Hexachlorobenzene	11.02	284	1025952	40.355	nq	97
69) Atrazine	11.10	200	844710	44.524	nq	99
70) Pentachlorophenol	11.21	266	1225586	86.708	nq	98
71) Phenanthrene	11.43	178	3742123	42.736	nq	99
72) Anthracene	11.49	178	3767377	43.481	nq	99
73) Carbazole	11.63	167	3394371	42.711	nq	99
74) Di-n-butylphthalate	11.97	149	3750933	42.481	nq	98
75) Fluoranthene	12.62	202	3907051	42.305	nq	98
77) Benzidine	12.73	184	2302105	59.608	nq	96
78) Pyrene	12.85	202	3995672	40.718	nq	99
80) Butylbenzylphthalate	13.47	149	1646733	41.003	nq	98
81) Benzo(a)anthracene	14.03	228	3611493	41.535	nq	98
82) 3,3'-Dichlorobenzidine	13.99	252	849035	27.403	nq	99
83) Chrysene	14.07	228	3459013	41.508	nq	97
84) Bis(2-ethylhexyl)phthalate	14.03	149	2113660	43.078	nq	100
85) Di-n-octyl phthalate	14.64	149	3315864	45.656	nq	100
86) Indeno(1,2,3-cd)pyrene	16.99	276	2892293	39.944	nq	100
88) Benzo(b)fluoranthene	15.09	252	3239327	40.757	nq	99
89) Benzo(k)fluoranthene	15.12	252	3198357	43.436	nq	98
90) Benzo(a)pyrene	15.45	252	2832314	41.311	nq	99
91) Dibenzo(a,h)anthracene	17.01	278	2447236	40.353	nq	99
92) Benzo(g,h,i)perylene	17.44	276	2374288	40.322	nq	99

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



#1

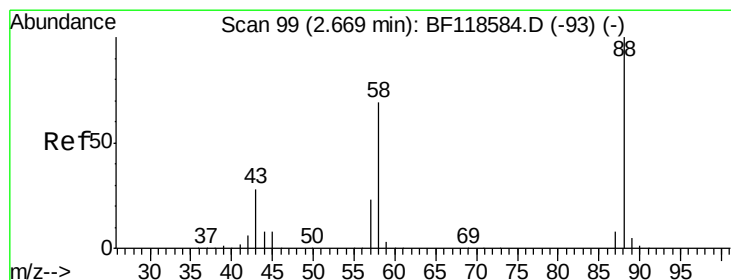
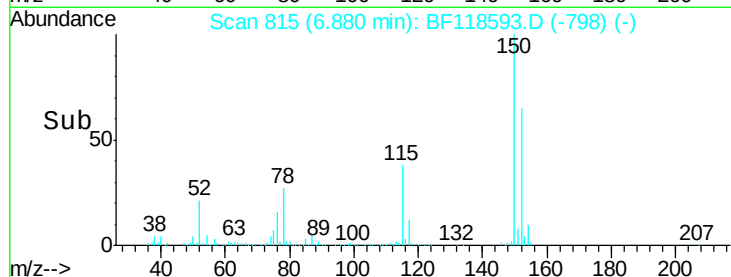
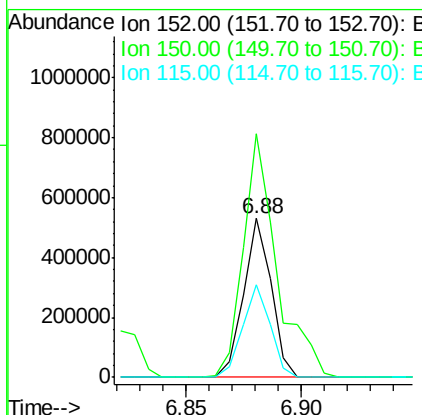
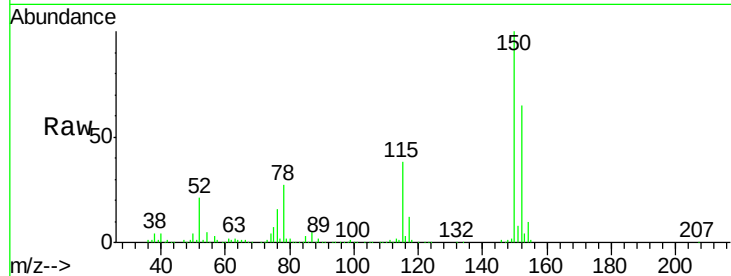
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.88 min Scan# 815
Delta R.T. -0.00 min
Lab File: BF118593.D
Acq: 20 Jan 2020 16:03

Instrument :
BNA_F
ClientSampleId :
PB126190BS

Tot Ion	Ratio	Lower	Upper
152	100		
150	153.5	125.6	188.4
115	58.1	48.4	72.6

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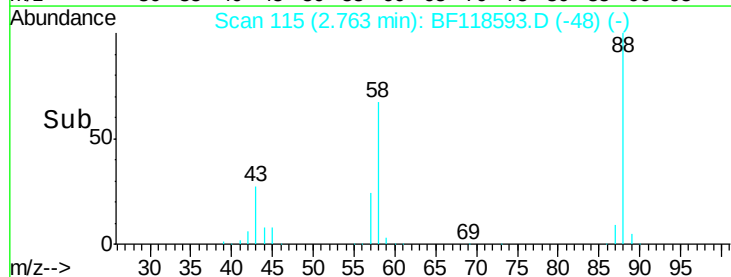
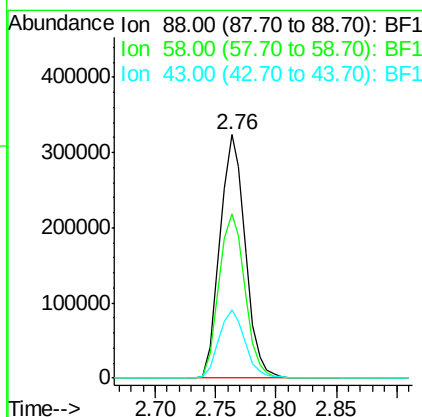
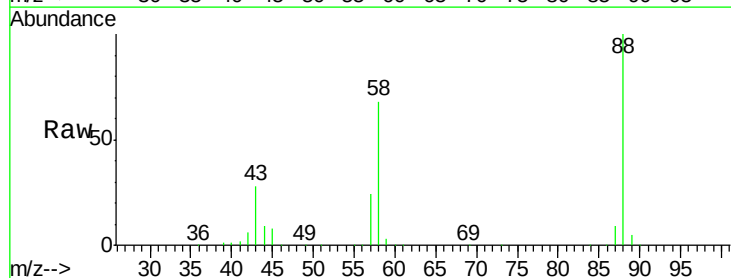
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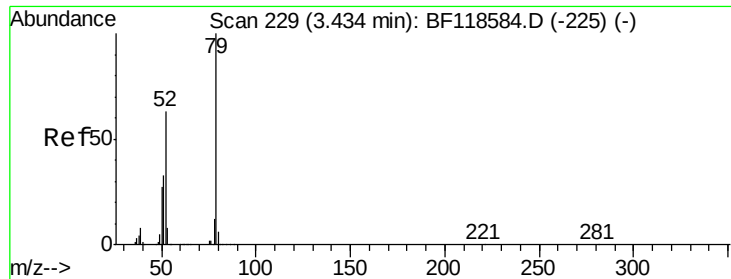


#2

1,4-Dioxane
Concen: 40.277 ng
RT: 2.76 min Scan# 115
Delta R.T. 0.09 min
Lab File: BF118593.D
Acq: 20 Jan 2020 16:03

Tgt Ion	Ratio	Lower	Upper
88	100		
58	69.3	56.1	84.1
43	28.3	23.0	34.6





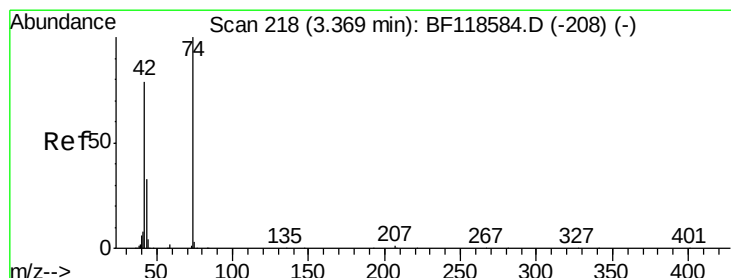
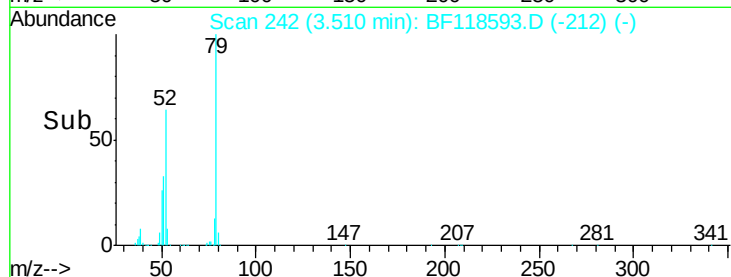
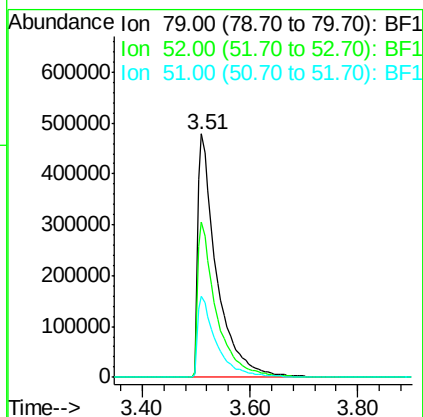
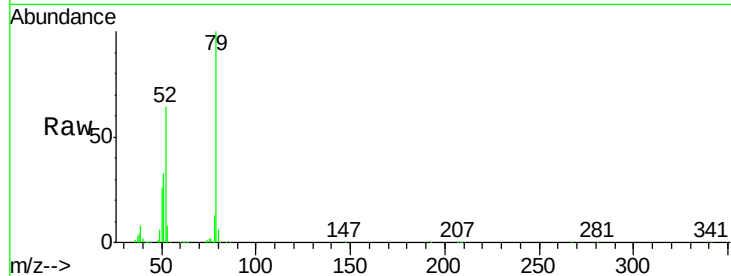
#3
 Pvridine
 Concen: 35.238 ng
 RT: 3.51 min Scan# 242
 Delta R.T. 0.08 min
 Lab File: BF118593.D
 Acq: 20 Jan 2020 16:03

Instrument :
 BNA_F
 ClientSampleId :
 PB126190BS

Tot Ion: 79 Resp: 1152982
 Ion Ratio Lower Upper
 79 100
 52 63.7 50.7 76.1
 51 33.4 26.6 40.0

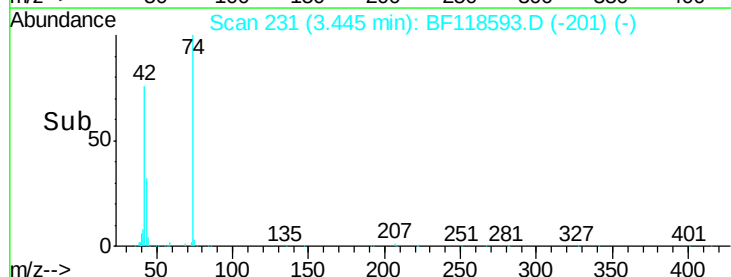
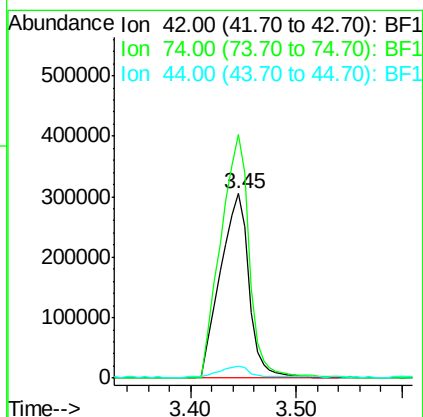
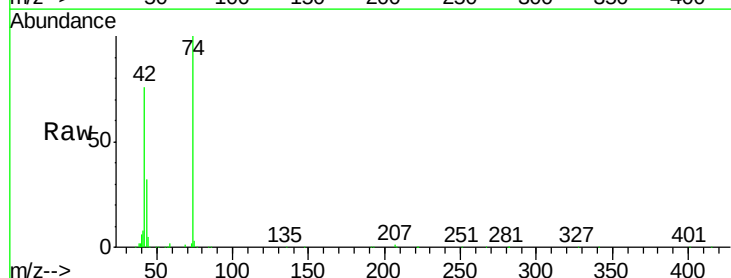
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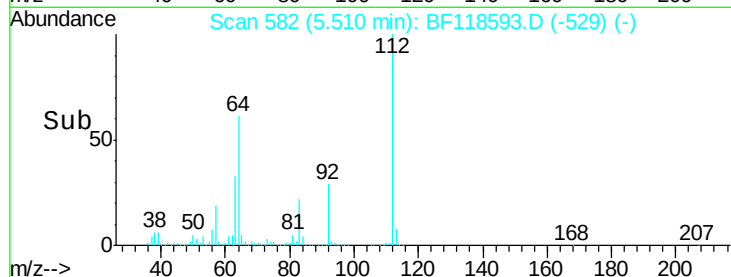
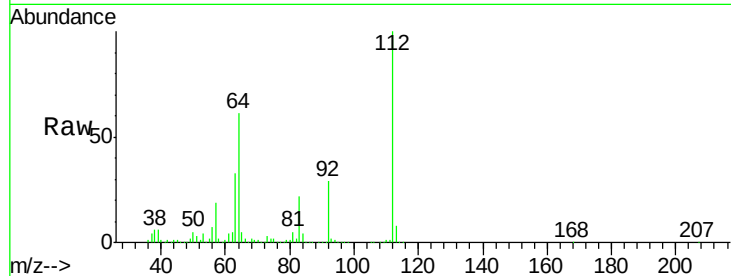
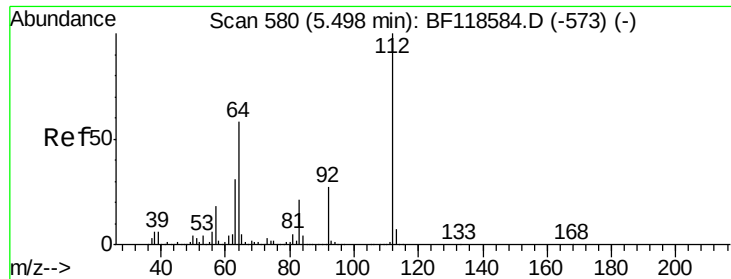
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#4
 n-Nitrosodimethylamine
 Concen: 41.056 ng
 RT: 3.45 min Scan# 231
 Delta R.T. 0.08 min
 Lab File: BF118593.D
 Acq: 20 Jan 2020 16:03

Tgt Ion: 42 Resp: 575930
 Ion Ratio Lower Upper
 42 100
 74 132.1 101.6 152.4
 44 6.3 4.9 7.3





#5

2-Fluorophenol

Concen: 124.499 ng

RT: 5.51 min Scan# 582

Delta R.T. 0.01 min

Lab File: BF118593.D

Acq: 20 Jan 2020 16:03

Tot Ion:	112	Resp:	2984005
Ion	Ratio	Lower	Upper
112	100		
64	61.1	46.6	70.0
63	32.7	25.1	37.7

Instrument :

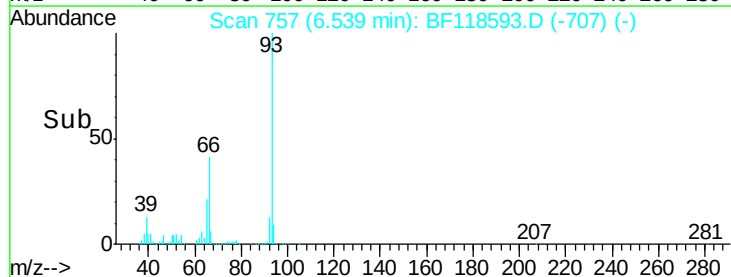
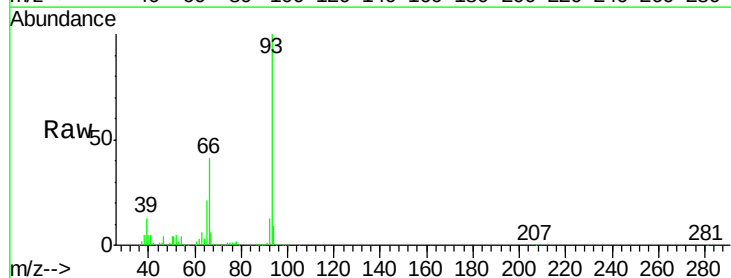
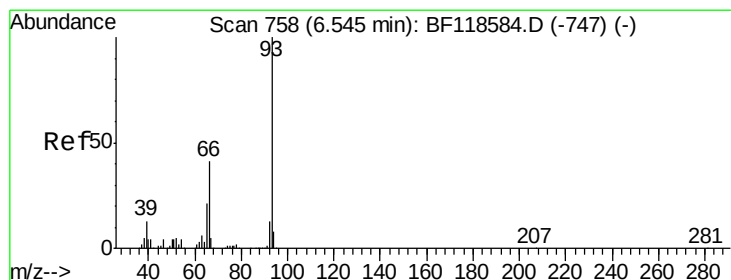
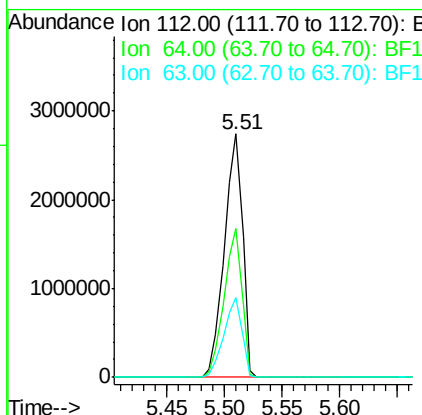
BNA_F

ClientSampleId :

PB126190BS

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#6

Aniline

Concen: 34.473 ng

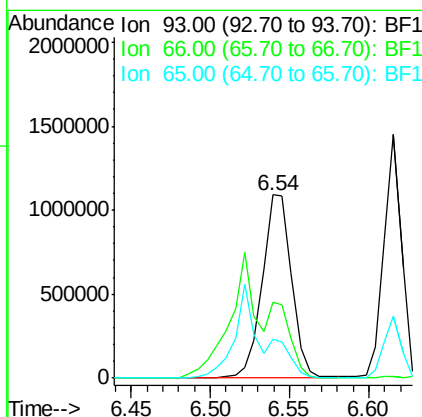
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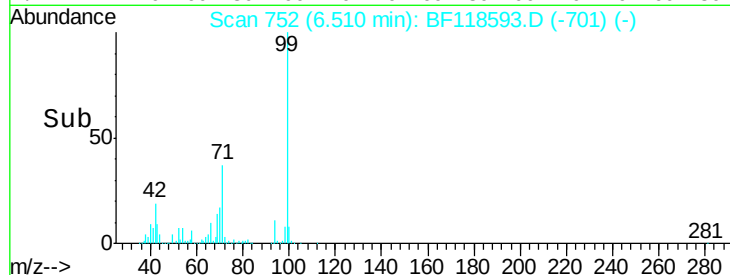
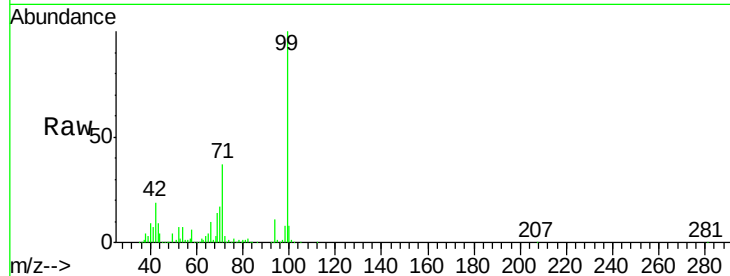
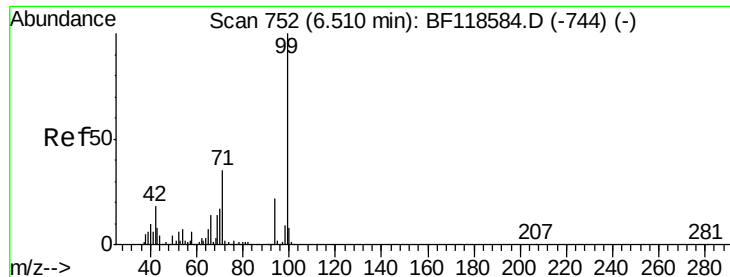
Delta R.T. -0.01 min

Lab File: BF118593.D

Acq: 20 Jan 2020 16:03

Tgt Ion:	93	Resp:	1414075
Ion	Ratio	Lower	Upper
93	100		
66	41.2	32.8	49.2
65	21.0	16.5	24.7





#7

Phenol-d6

Concen: 125.756 ng

RT: 6.51 min Scan# 752

Delta R.T. -0.00 min

Lab File: BF118593.D

Acq: 20 Jan 2020 16:03

Tot Ion: 99 Resp: 3917620

Ion Ratio Lower Upper

99 100

42 18.9 14.2 21.2

71 37.0 27.8 41.6

Instrument :

BNA_F

ClientSampleId :

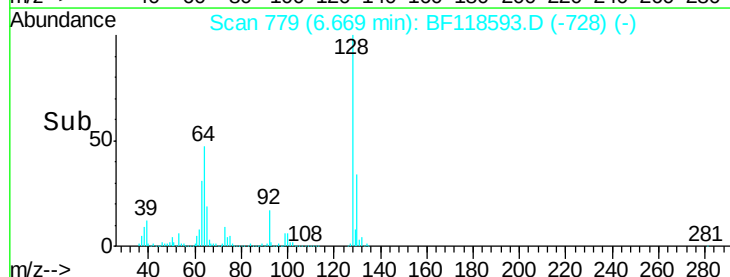
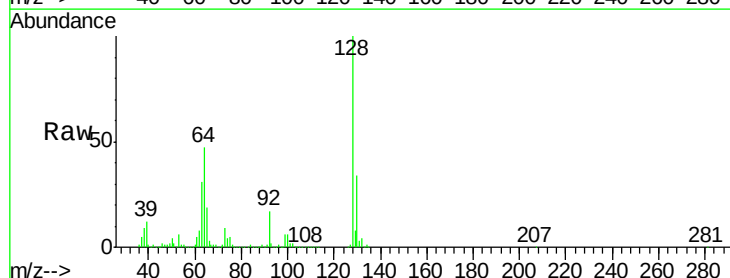
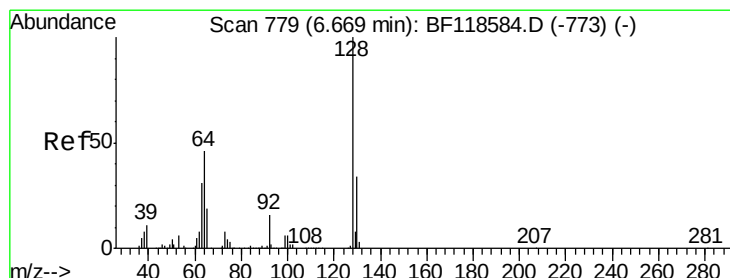
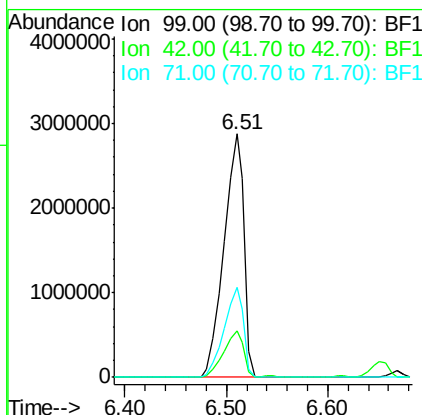
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#8

2-Chlorophenol

Concen: 45.110 ng

RT: 6.67 min Scan# 779

Delta R.T. -0.00 min

Lab File: BF118593.D

Acq: 20 Jan 2020 16:03

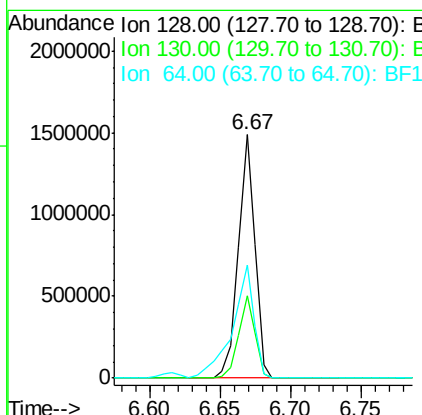
Tgt Ion:128 Resp: 1213582

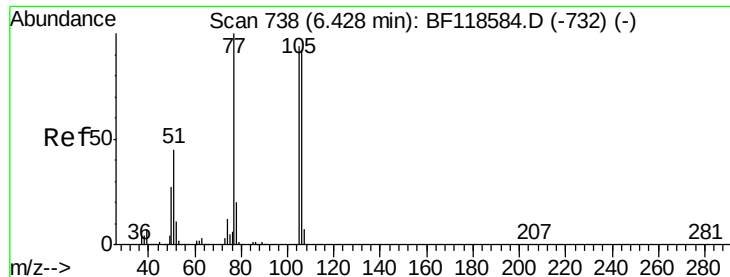
Ion Ratio Lower Upper

128 100

130 34.0 13.6 53.6

64 46.5 26.4 66.4





#9

Benzaldehyde

Concen: 34.423 ng

RT: 6.43 min Scan# 738

Delta R.T. -0.00 min

Lab File: BF118593.D

Acq: 20 Jan 2020 16:03

Instrument :

BNA_F

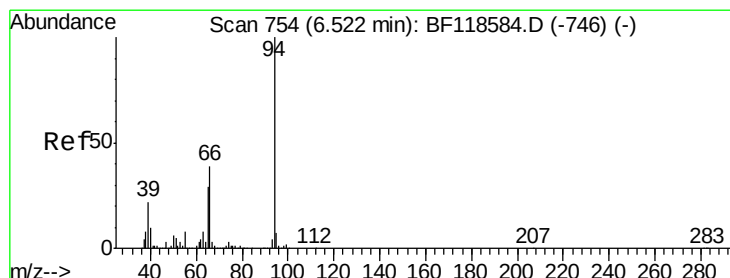
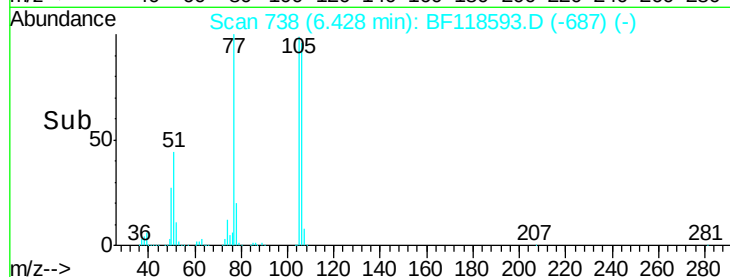
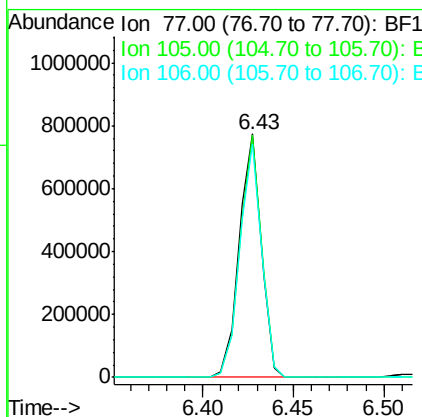
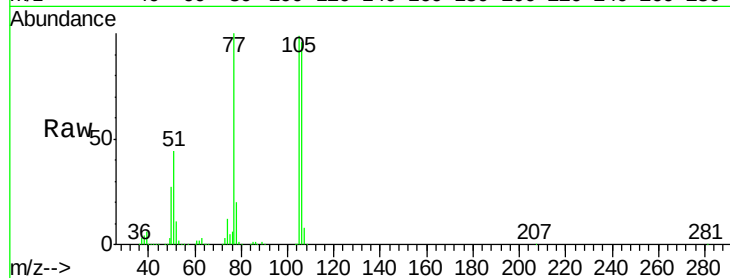
ClientSampleId :

PB126190BS

Tot Ion:	77	Resp:	652176
Ion	Ratio	Lower	Upper
77	100		
105	99.4	73.5	113.5
106	95.6	71.9	111.9

Manual Integrations
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#10

Phenol

Concen: 43.246 ng

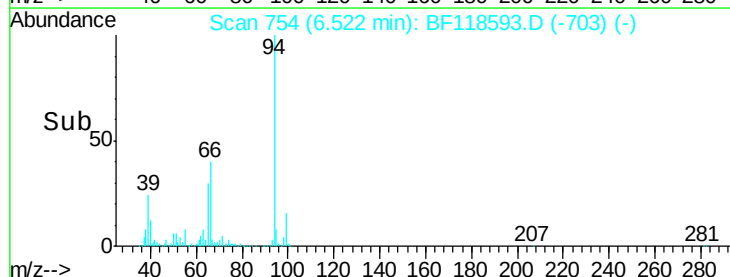
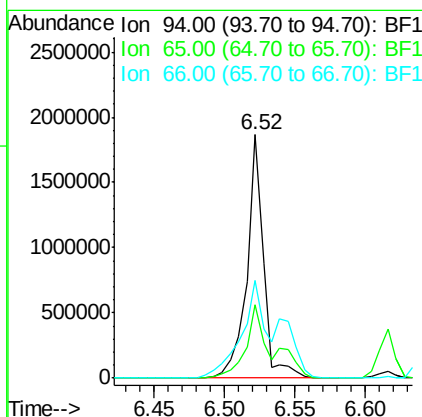
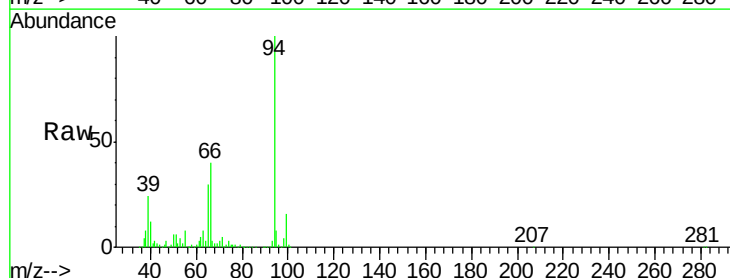
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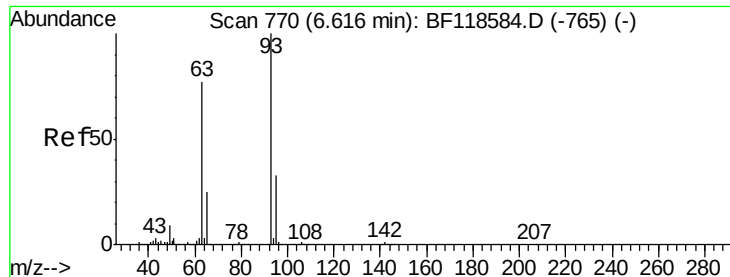
Delta R.T. -0.00 min

Lab File: BF118593.D

Acq: 20 Jan 2020 16:03

Tgt Ion:	94	Resp:	1535304
Ion	Ratio	Lower	Upper
94	100		
65	30.1	9.5	49.5
66	40.0	18.5	58.5





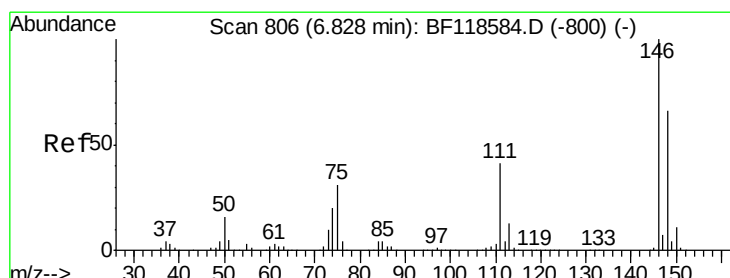
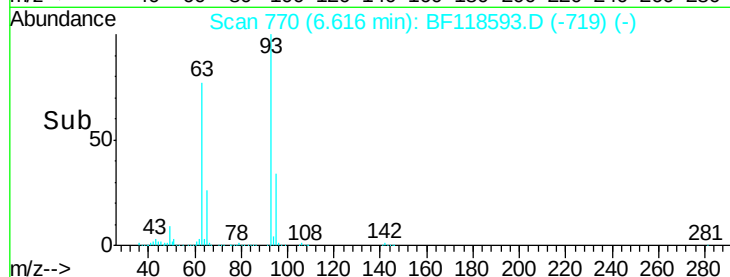
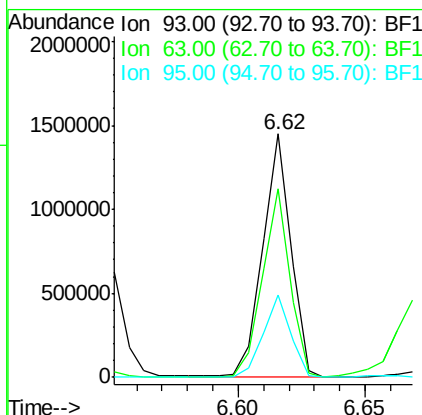
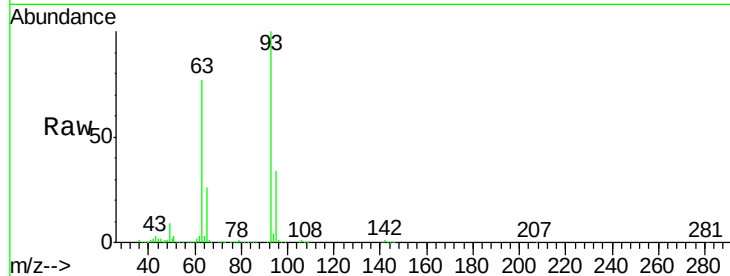
#11
bis(2-Chloroethyl)ether
Concen: 42.462 ng
RT: 6.62 min Scan# 770
Delta R.T. -0.00 min
Lab File: BF118593.D
Acq: 20 Jan 2020 16:03

Instrument :
BNA_F
ClientSampleId :
PB126190BS

Tot Ion	Ratio	Lower	Upper
93	100		
63	77.2	56.3	96.3
95	34.0	13.3	53.3

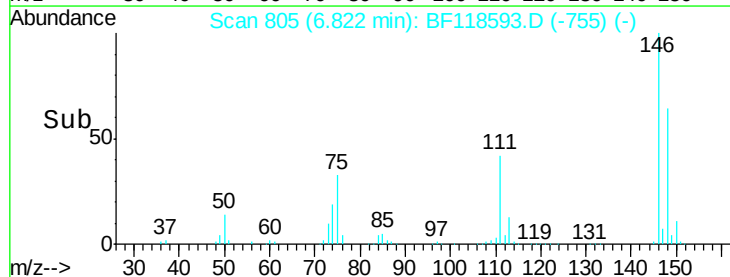
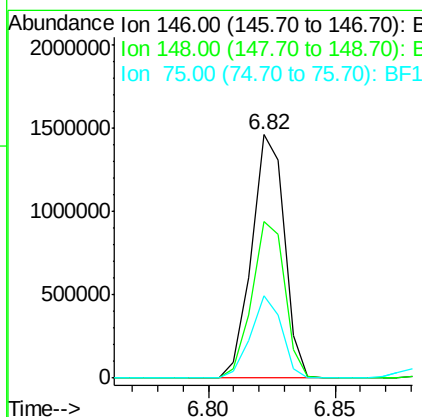
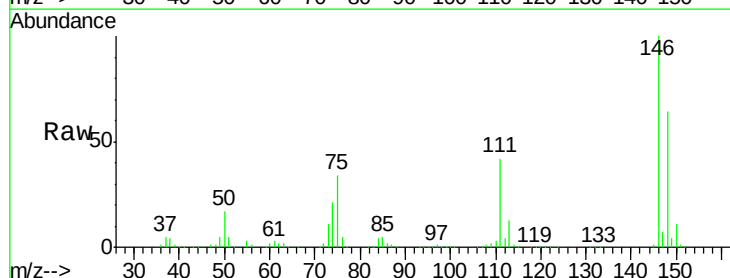
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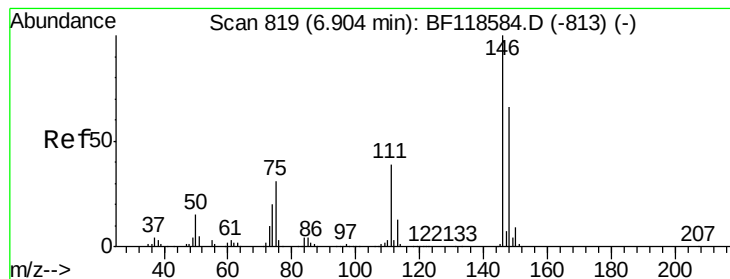
mohammad
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#12
1,3-Dichlorobenzene
Concen: 41.861 ng
RT: 6.82 min Scan# 805
Delta R.T. -0.01 min
Lab File: BF118593.D
Acq: 20 Jan 2020 16:03

Tgt Ion	Ratio	Lower	Upper
146	100		
148	64.3	53.0	79.6
75	33.6	25.1	37.7





#13

1,4-Dichlorobenzene

Concen: 41.479 ng

RT: 6.90 min Scan# 818

Delta R.T. -0.01 min

Lab File: BF118593.D

Acq: 20 Jan 2020 16:03

Instrument :

BNA_F

ClientSampleId :

PB126190BS

Tot Ion:146 Resp: 1311081

Ion Ratio Lower Upper

146 100

148 66.2 52.4 78.6

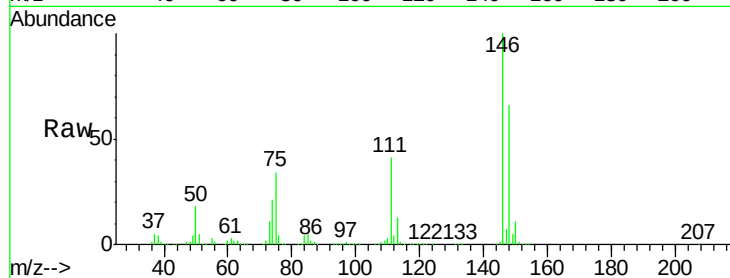
111 41.3 31.6 47.4

Manual Integrations

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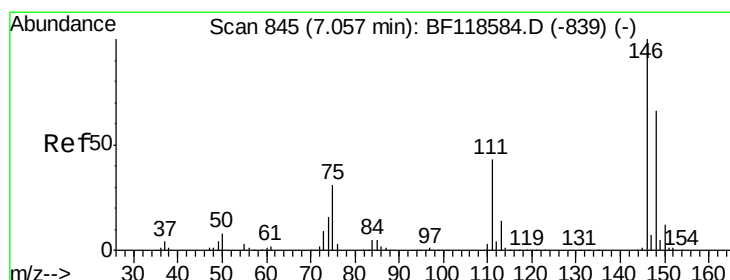
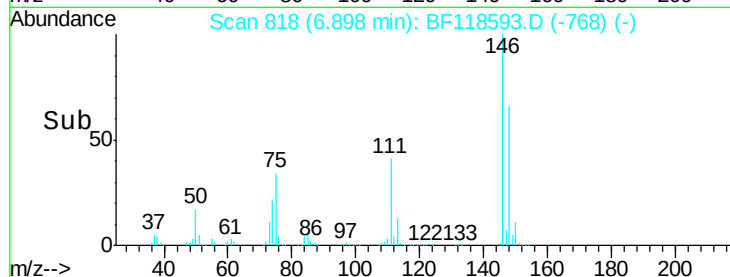
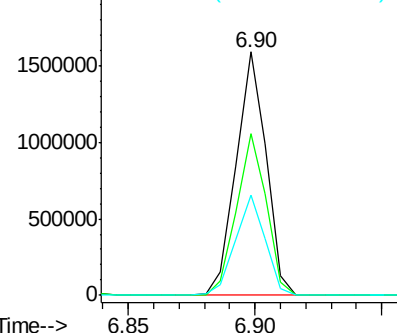
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Abundance Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 111.00 (110.70 to 111.70): E



#14

1,2-Dichlorobenzene

Concen: 41.952 ng

RT: 7.05 min Scan# 844

Delta R.T. -0.01 min

Lab File: BF118593.D

Acq: 20 Jan 2020 16:03

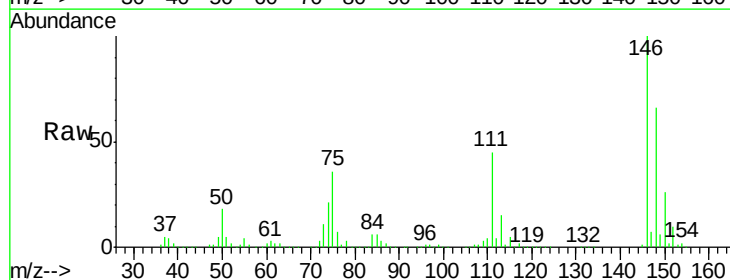
Tgt Ion:146 Resp: 1246570

Ion Ratio Lower Upper

146 100

148 65.6 52.7 79.1

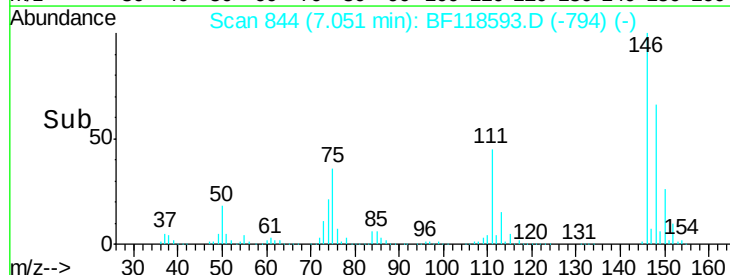
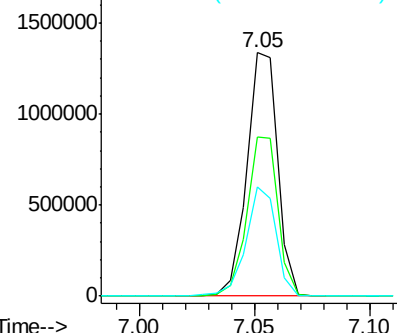
111 44.8 34.6 52.0

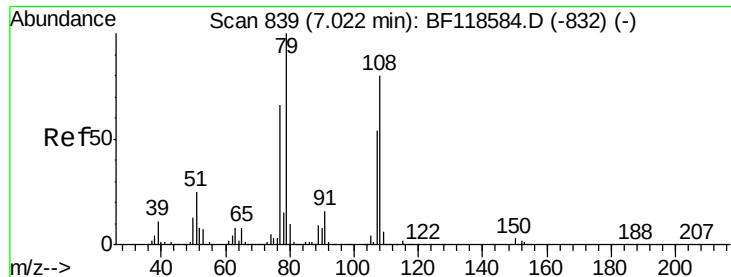


Abundance Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 111.00 (110.70 to 111.70): E





#15

Benzyl Alcohol

Concen: 44.681 ng

RT: 7.02 min Scan# 839

Delta R.T. -0.00 min

Lab File: BF118593.D

Acq: 20 Jan 2020 16:03

Instrument :

BNA_F

ClientSampled :

PB126190BS

Tot Ion: 79 Resp: 1103824

Ion Ratio Lower Upper

79 100

108 80.0 63.6 95.4

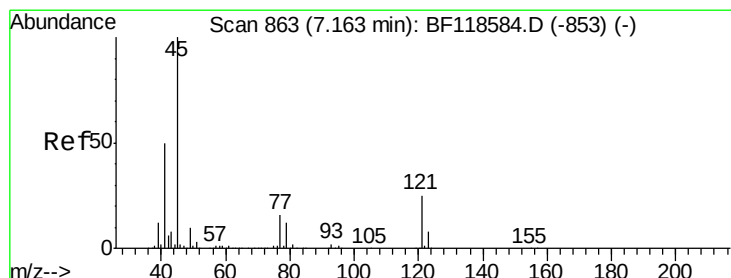
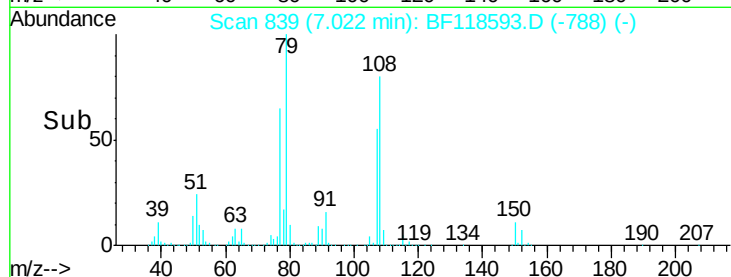
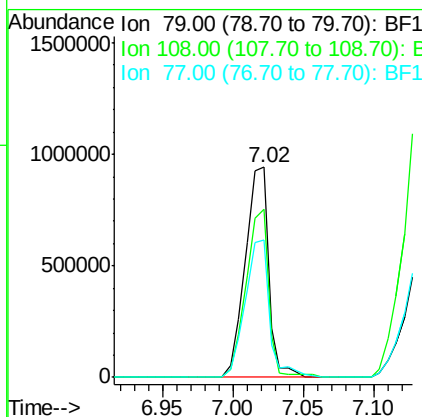
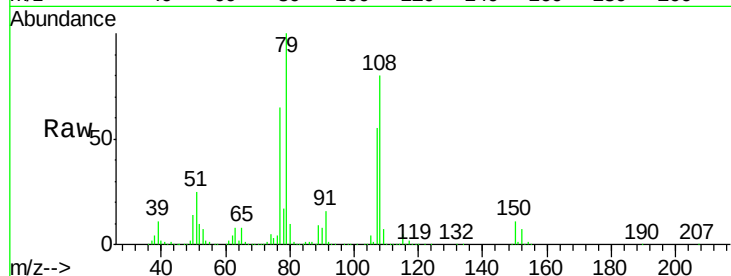
77 65.4 52.5 78.7

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#16

2,2'-oxybis(1-chloropropane)

Concen: 40.700 ng

RT: 7.16 min Scan# 862

Delta R.T. -0.01 min

Lab File: BF118593.D

Acq: 20 Jan 2020 16:03

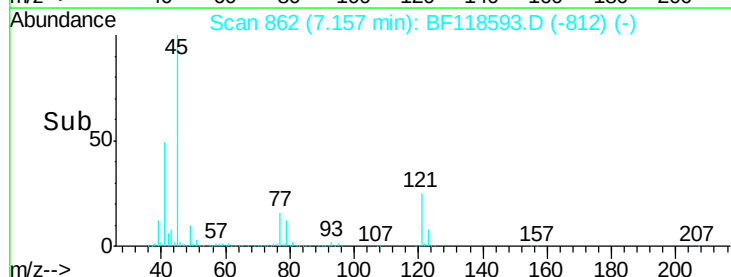
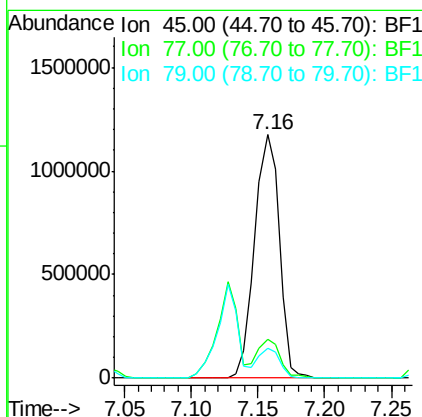
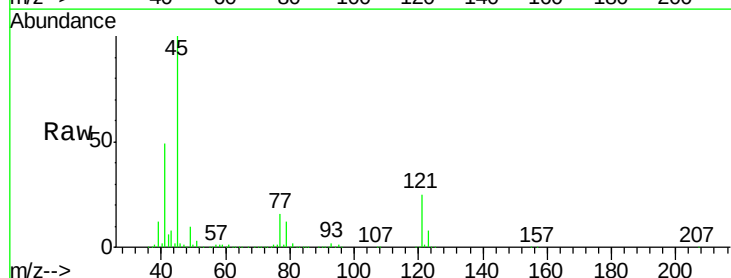
Tgt Ion: 45 Resp: 1493236

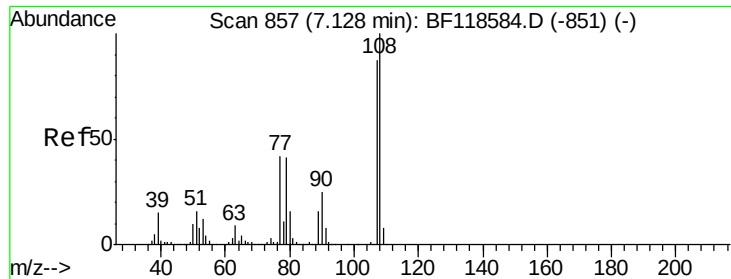
Ion Ratio Lower Upper

45 100

77 16.2 0.0 36.1

79 12.3 0.0 32.4





#17

2-Methylphenol

Concen: 44.931 ng

RT: 7.13 min Scan# 857

Delta R.T. -0.00 min

Lab File: BF118593.D

Acq: 20 Jan 2020 16:03

Instrument :

BNA_F

ClientSampleId :

PB126190BS

Tot Ion:107 Resp: 1006869

Ion Ratio Lower Upper

107 100

108 113.9 91.5 137.3

77 48.8 38.7 58.1

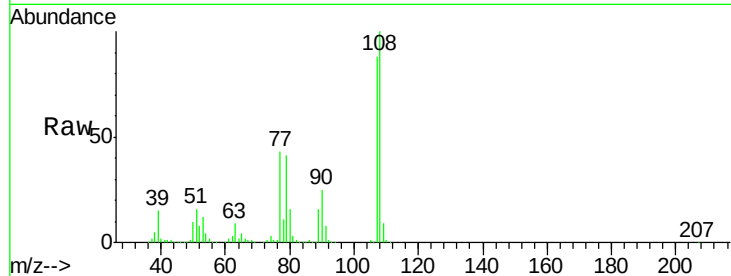
79 47.1 37.7 56.5

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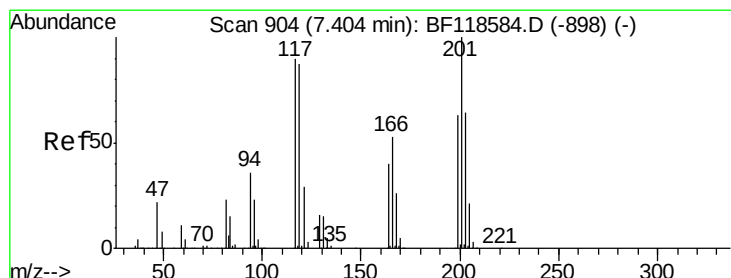
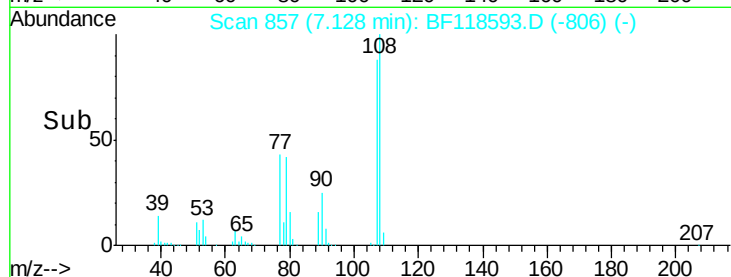
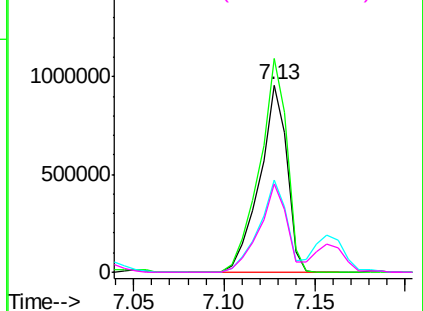


Abundance Ion 107.00 (106.70 to 107.70): E

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: 41.663 ng

RT: 7.40 min Scan# 903

Delta R.T. -0.01 min

Lab File: BF118593.D

Acq: 20 Jan 2020 16:03

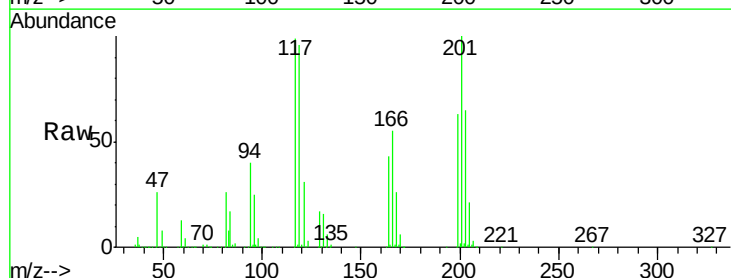
Tgt Ion:117 Resp: 477523

Ion Ratio Lower Upper

117 100

119 97.0 77.6 116.4

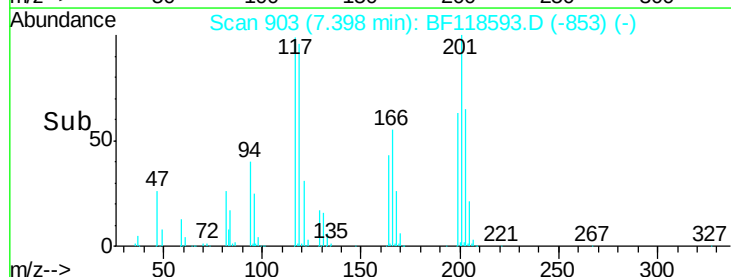
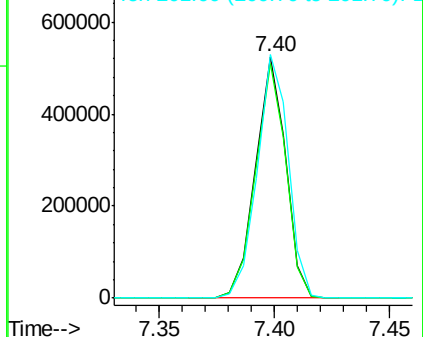
201 100.8 88.8 133.2

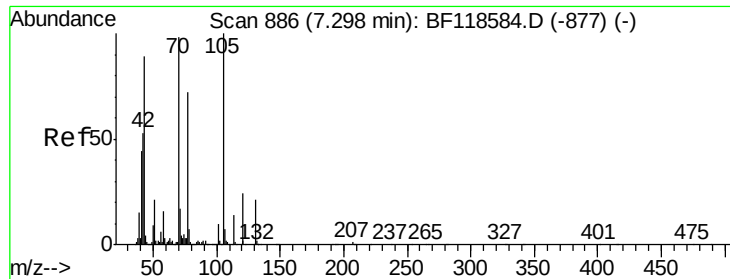


Abundance Ion 117.00 (116.70 to 117.70): E

Ion 119.00 (118.70 to 119.70): E

Ion 201.00 (200.70 to 201.70): E





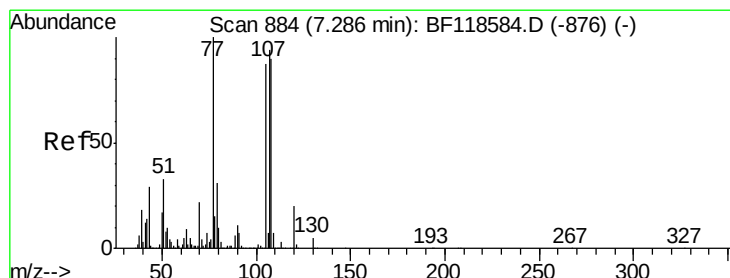
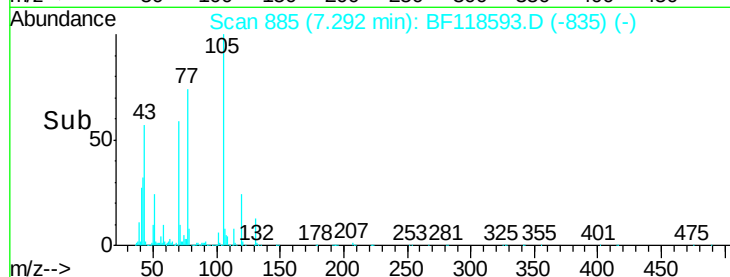
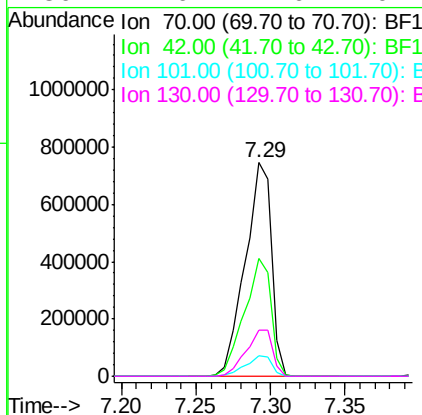
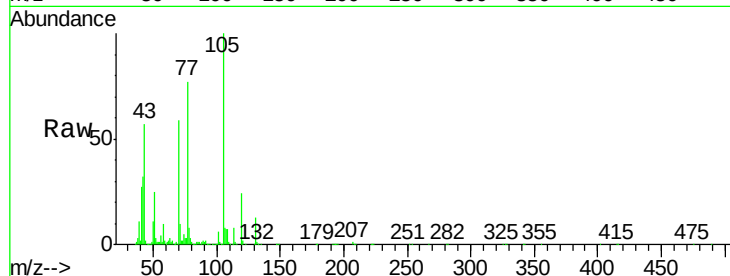
#19
n-Nitroso-di-n-propylamine
Concen: 43.138 ng
RT: 7.29 min Scan# 885
Delta R.T. -0.01 min
Lab File: BF118593.D
Acq: 20 Jan 2020 16:03

Instrument :
BNA_F
ClientSampleId :
PB126190BS

Tot Ion	Ion	Ratio	Lower	Upper
70	100			
42	55.0	43.4	65.0	
101	9.7	8.1	12.1	
130	21.6	17.6	26.4	

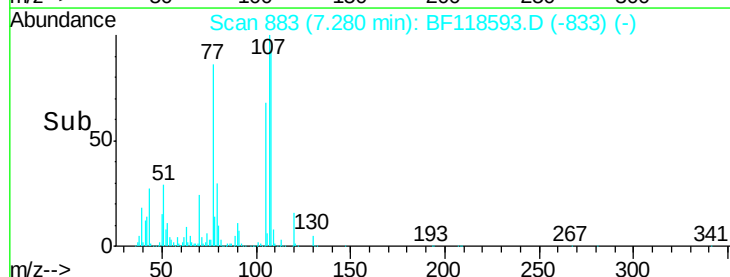
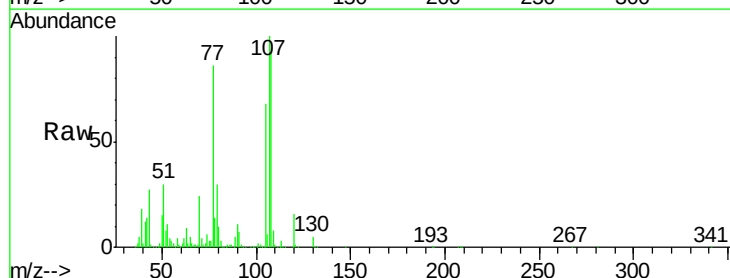
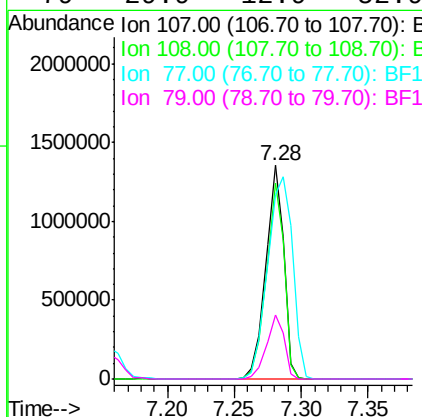
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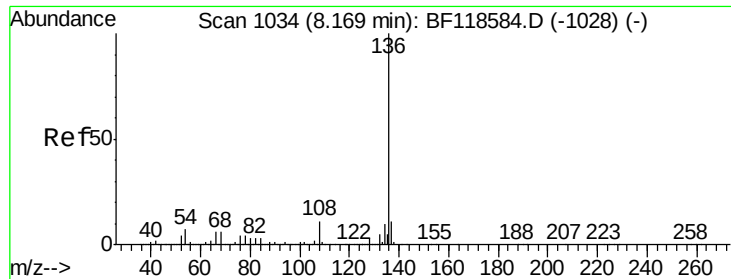
mohammad
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#20
3+4-Methylphenols
Concen: 45.999 ng
RT: 7.28 min Scan# 883
Delta R.T. -0.01 min
Lab File: BF118593.D
Acq: 20 Jan 2020 16:03

Tgt Ion	Ion	Ratio	Lower	Upper
107	100			
108	91.9	75.8	115.8	
77	86.3	86.5	126.5	
79	29.9	12.9	52.9	





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.16 min Scan# 1033

Delta R.T. -0.01 min

Lab File: BF118593.D

Acq: 20 Jan 2020 16:03

Instrument :

BNA_F

ClientSampleId :

PB126190BS

Tot Ion:136 Resp: 1668823

Ion Ratio Lower Upper

136 100

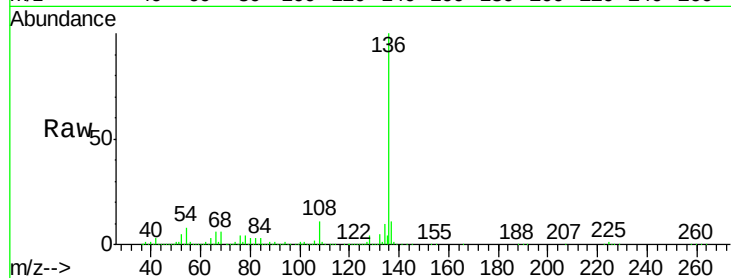
137 11.4 9.1 13.7

54 7.7 5.8 8.6

68 6.3 5.0 7.4

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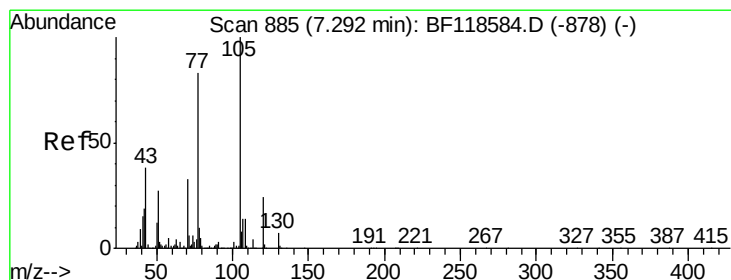
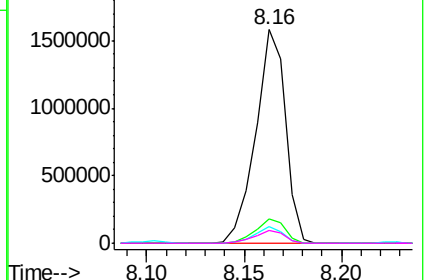
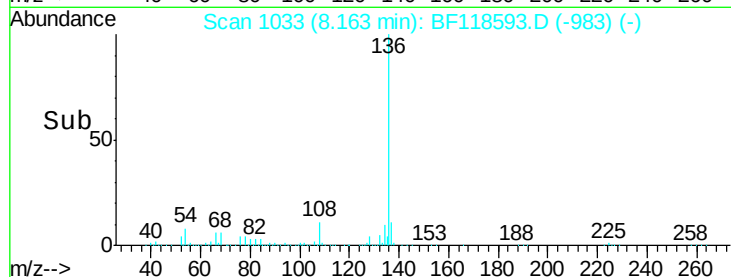


Abundance Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BF1

Ion 68.00 (67.70 to 68.70): BF1



#22

Acetophenone

Concen: 41.567 ng

RT: 7.29 min Scan# 884

Delta R.T. -0.01 min

Lab File: BF118593.D

Acq: 20 Jan 2020 16:03

Tgt Ion:105 Resp: 1643245

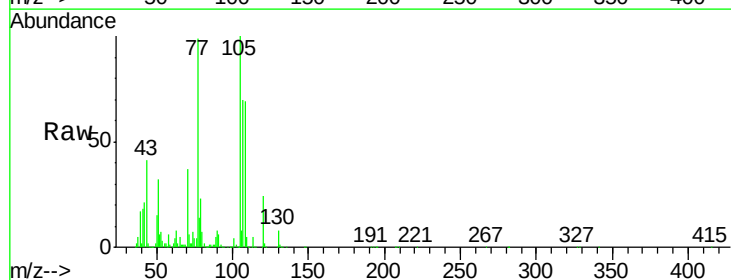
Ion Ratio Lower Upper

105 100

71 6.3 4.5 6.7

51 32.5 21.5 32.3#

120 23.7 19.0 28.6

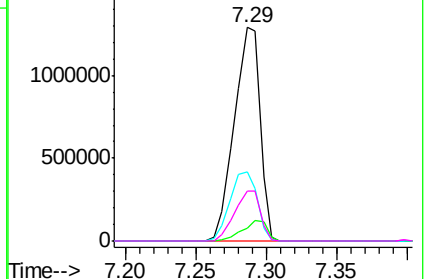
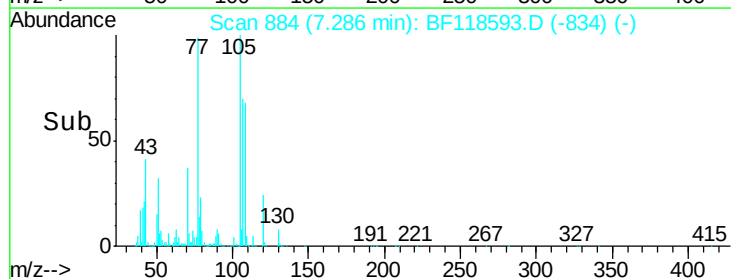


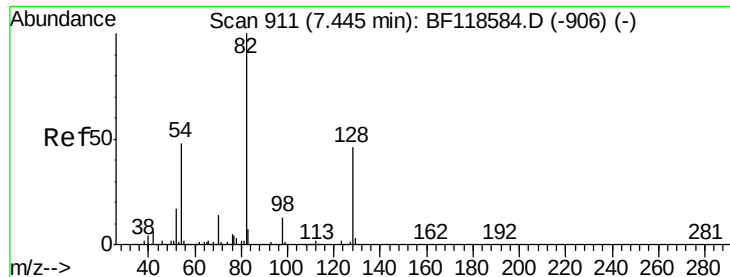
Abundance Ion 105.00 (104.70 to 105.70): E

Ion 71.00 (70.70 to 71.70): BF1

Ion 51.00 (50.70 to 51.70): BF1

Ion 120.00 (119.70 to 120.70): E





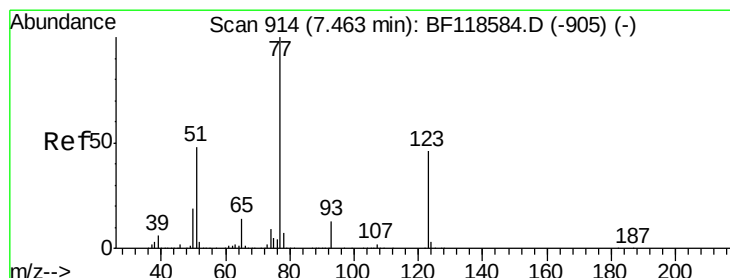
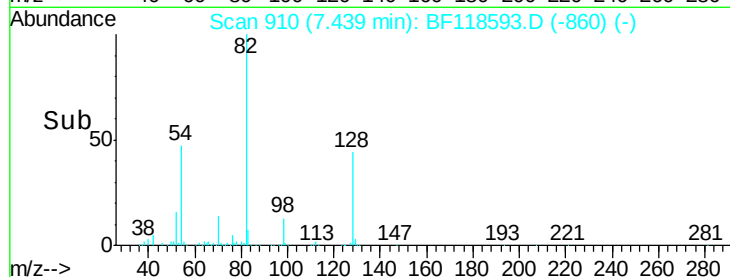
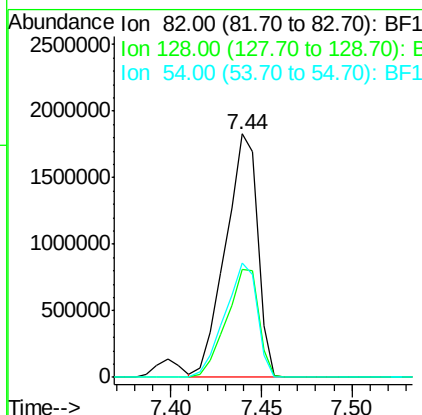
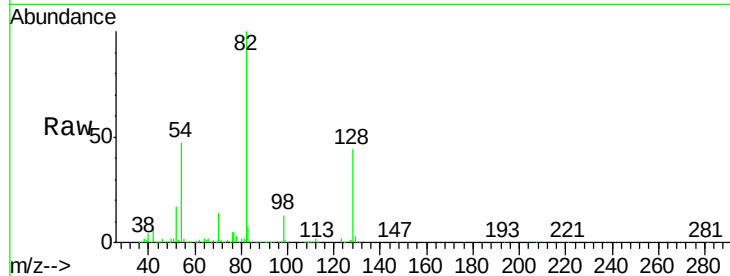
#23
 Nitrobenzene-d5
 Concen: 75.768 ng
 RT: 7.44 min Scan# 910
 Delta R.T. -0.01 min
 Lab File: BF118593.D
 Acq: 20 Jan 2020 16:03

Instrument :
 BNA_F
 ClientSampleId :
 PB126190BS

Tot Ion	Ratio	Lower	Upper
82	100		
128	44.4	36.6	54.8
54	47.2	38.0	57.0

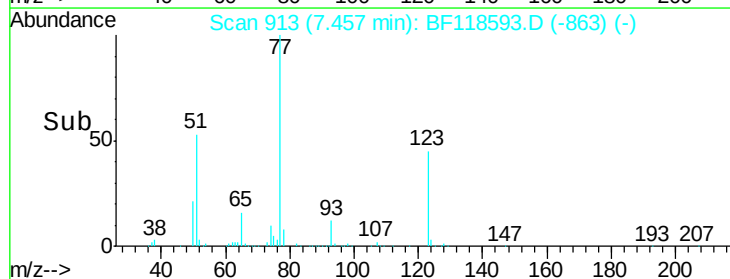
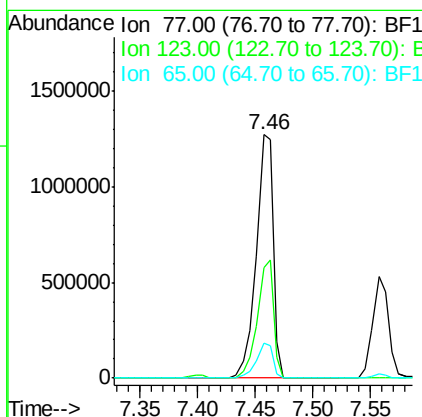
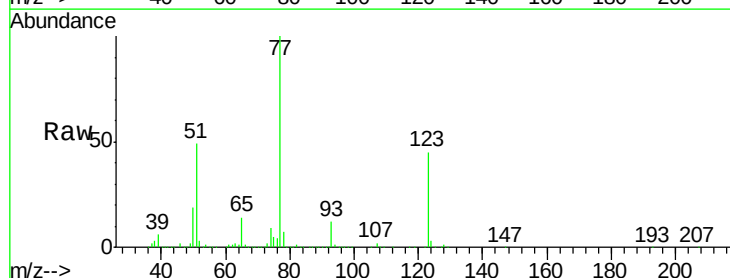
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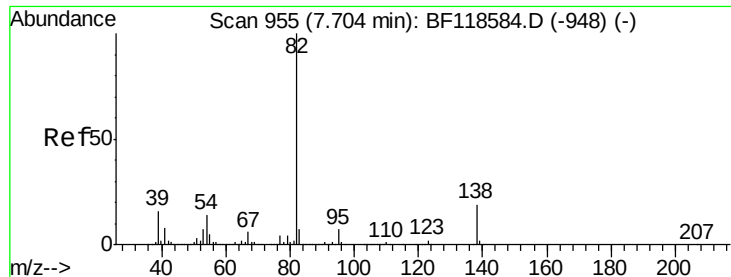
mohammad
 1/21/2020 2:26:03 PM



#24
 Nitrobenzene
 Concen: 42.968 ng
 RT: 7.46 min Scan# 913
 Delta R.T. -0.01 min
 Lab File: BF118593.D
 Acq: 20 Jan 2020 16:03

Tgt Ion	Ratio	Lower	Upper
77	100		
123	45.4	37.0	55.4
65	14.1	11.1	16.7





#25

Isophorone

Concen: 43.793 ng

RT: 7.70 min Scan# 955

Delta R.T. -0.00 min

Lab File: BF118593.D

Acq: 20 Jan 2020 16:03

Instrument :

BNA_F

ClientSampleId :

PB126190BS

Tot Ion: 82 Resp: 2383186

Ion Ratio Lower Upper

82 100

95 7.4 5.9 8.9

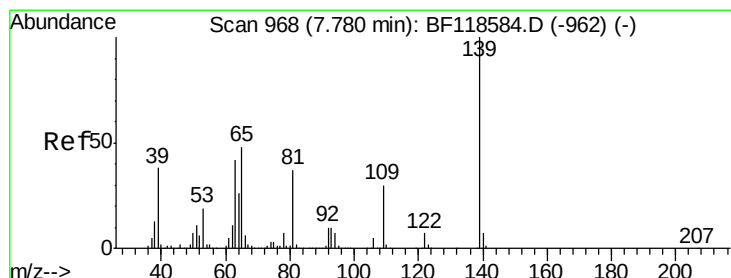
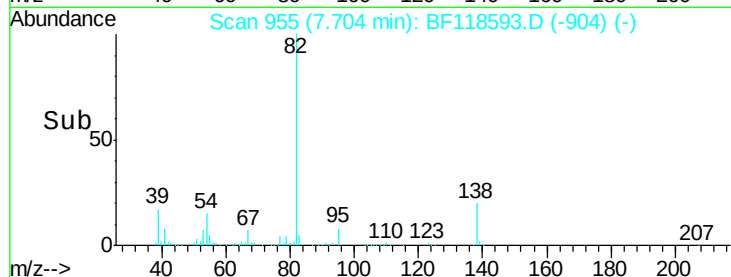
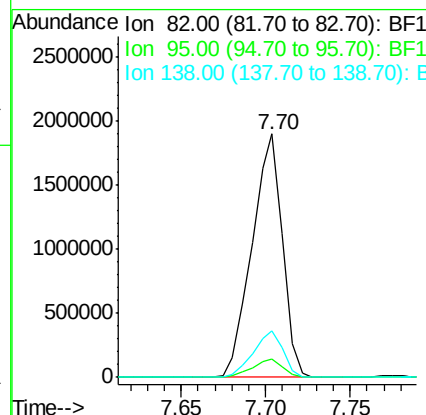
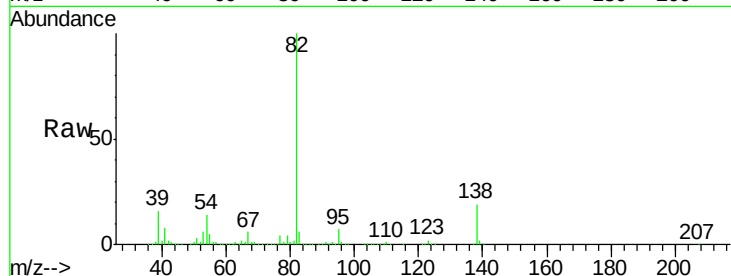
138 19.3 15.3 22.9

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#26

2-Nitrophenol

Concen: 45.799 ng

RT: 7.77 min Scan# 967

Delta R.T. -0.01 min

Lab File: BF118593.D

Acq: 20 Jan 2020 16:03

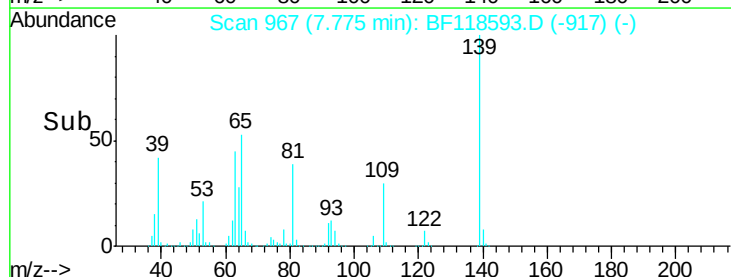
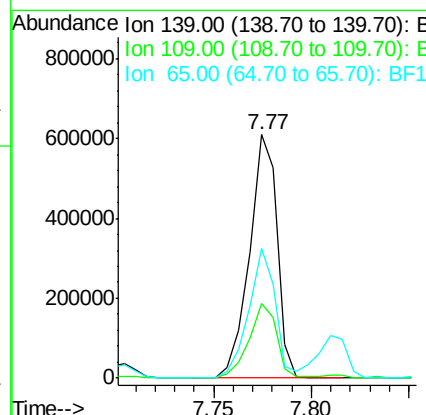
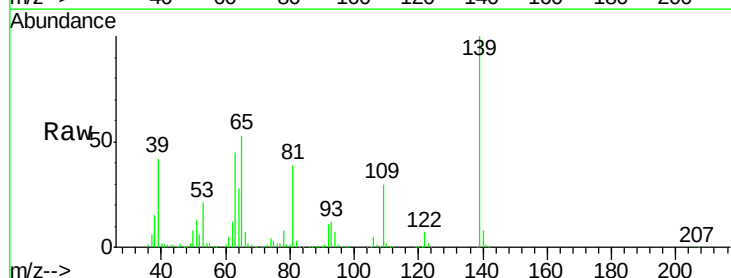
Tgt Ion: 139 Resp: 596650

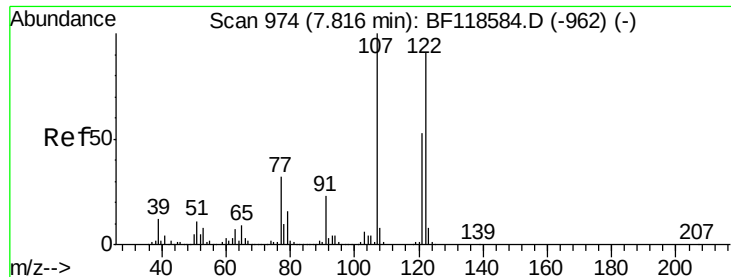
Ion Ratio Lower Upper

139 100

109 30.4 23.8 35.8

65 53.2 38.5 57.7





#27

2,4-Dimethylphenol

Concen: 52.094 ng

RT: 7.82 min Scan# 974

Delta R.T. -0.00 min

Lab File: BF118593.D

Acq: 20 Jan 2020 16:03

Instrument :

BNA_F

ClientSampled :

PB126190BS

Tot Ion:122 Resp: 1171915

Ion Ratio Lower Upper

122 100

107 108.4 88.0 132.0

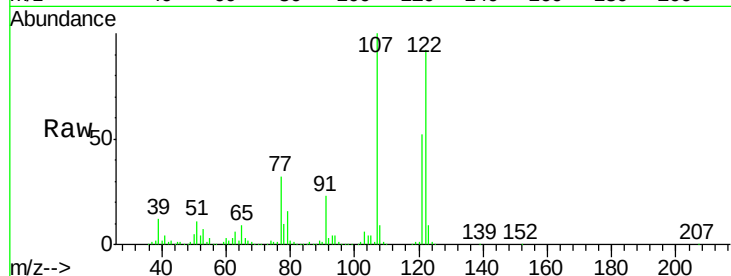
121 56.8 46.3 69.5

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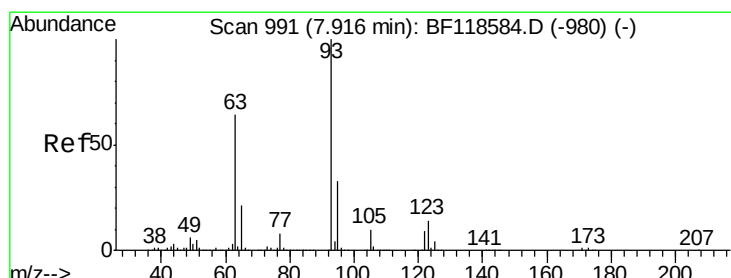
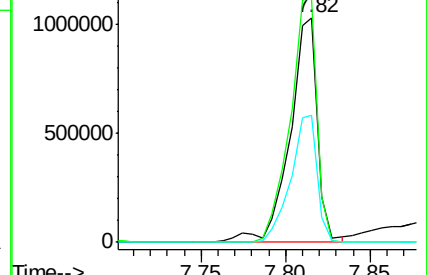
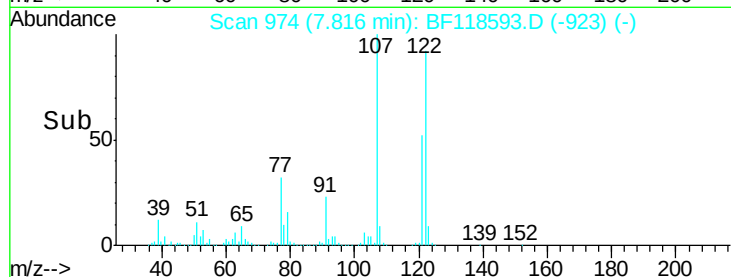
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Abundance Ion 122.00 (121.70 to 122.70): E

1500000 Ion 107.00 (106.70 to 107.70): E

Ion 121.00 (120.70 to 121.70): E



#28

bis(2-Chloroethoxy)methane

Concen: 41.325 ng

RT: 7.91 min Scan# 990

Delta R.T. -0.01 min

Lab File: BF118593.D

Acq: 20 Jan 2020 16:03

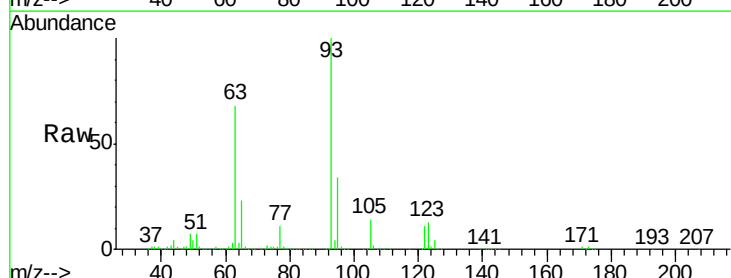
Tgt Ion: 93 Resp: 1449016

Ion Ratio Lower Upper

93 100

95 34.1 26.7 40.1

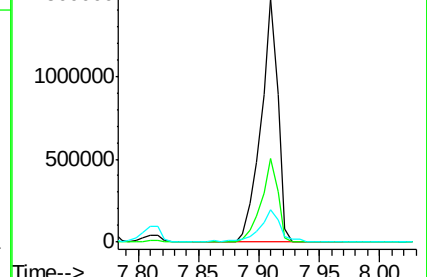
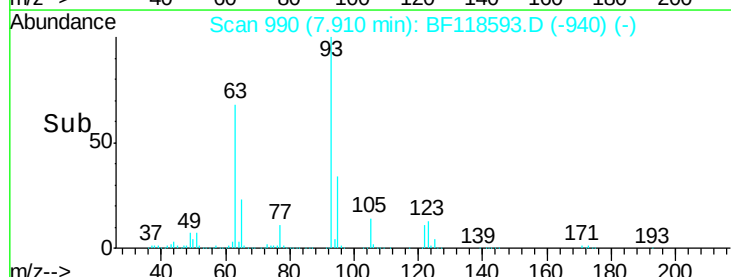
123 13.2 11.0 16.6

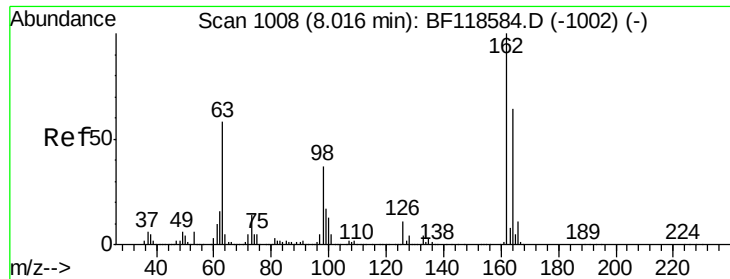


Abundance Ion 93.00 (92.70 to 93.70): BF1

2000000 Ion 95.00 (94.70 to 95.70): BF1

Ion 123.00 (122.70 to 123.70): E





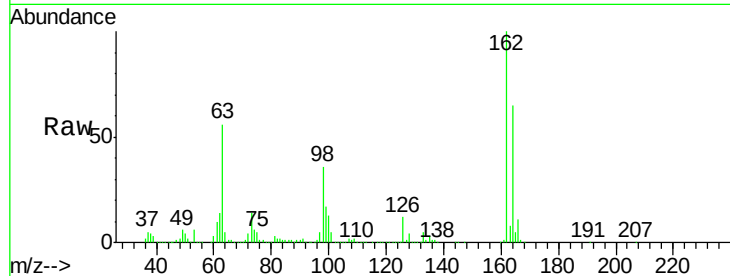
#29
 2,4-Dichlorophenol
 Concen: 43.921 ng
 RT: 8.02 min Scan# 1008
 Delta R.T. -0.00 min
 Lab File: BF118593.D
 Acq: 20 Jan 2020 16:03

Instrument :
 BNA_F
 ClientSampleId :
 PB126190BS

Tot Ion	Ratio	Lower	Upper
162	100		
164	64.5	44.3	84.3
98	36.5	17.5	57.5

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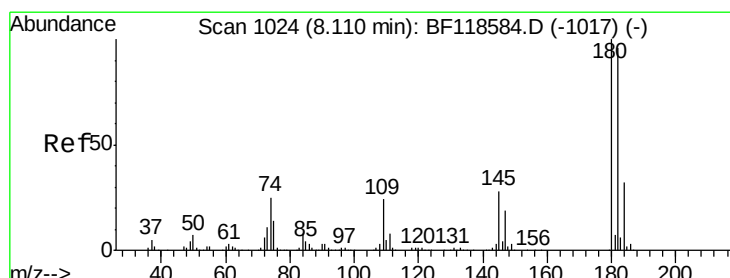
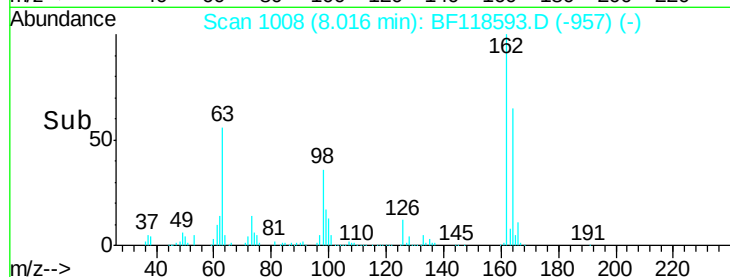
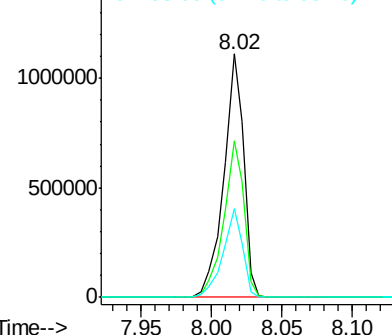


Abundance

Ion 162.00 (161.70 to 162.70): E

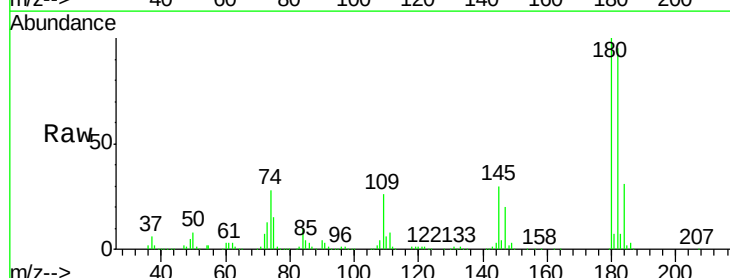
Ion 164.00 (163.70 to 164.70): E

Ion 98.00 (97.70 to 98.70): BF1



#30
 1,2,4-Trichlorobenzene
 Concen: 41.074 ng
 RT: 8.10 min Scan# 1023
 Delta R.T. -0.01 min
 Lab File: BF118593.D
 Acq: 20 Jan 2020 16:03

Tgt Ion	Ratio	Lower	Upper
180	100		
182	95.0	76.9	115.3
145	29.9	22.8	34.2

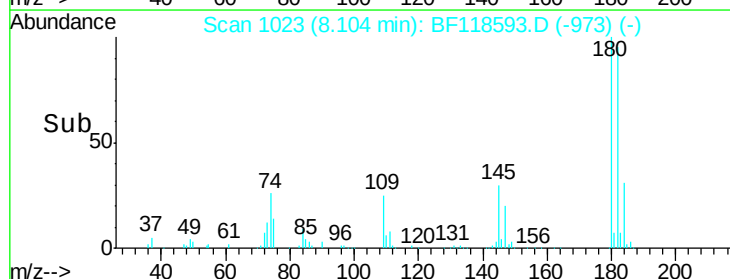
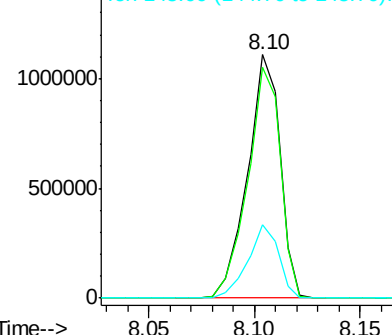


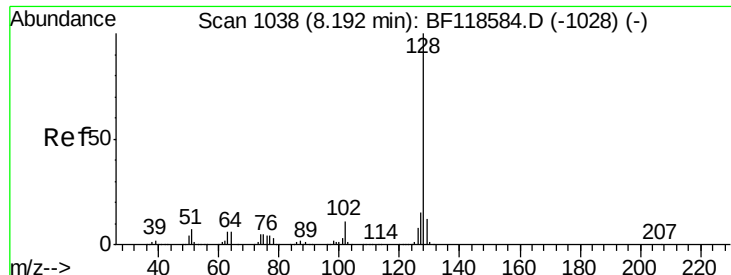
Abundance

Ion 180.00 (179.70 to 180.70): E

Ion 182.00 (181.70 to 182.70): E

Ion 145.00 (144.70 to 145.70): E





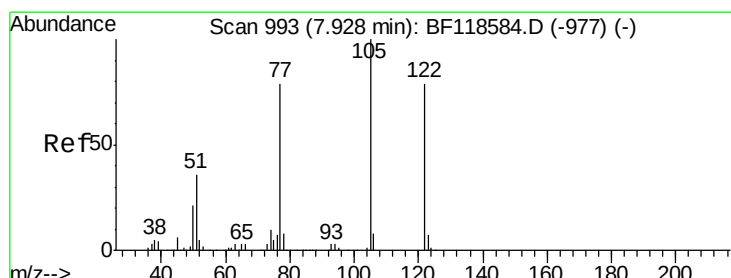
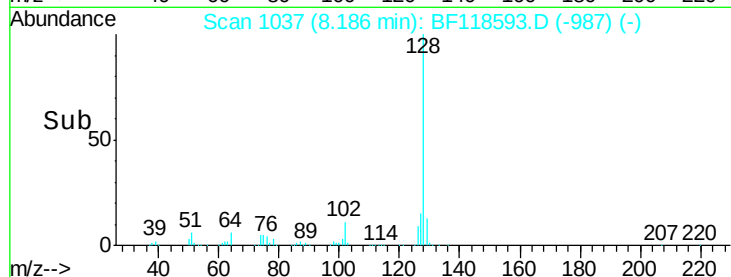
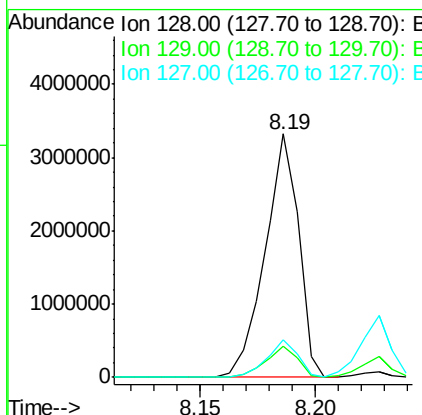
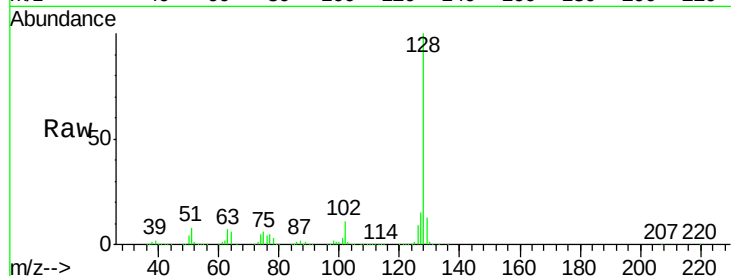
#31
Naphthalene
Concen: 44.405 ng
RT: 8.19 min Scan# 1037
Delta R.T. -0.01 min
Lab File: BF118593.D
Acq: 20 Jan 2020 16:03

Instrument :
BNA_F
ClientSampleId :
PB126190BS

Tot Ion	Ratio	Lower	Upper
128	100		
129	12.9	9.9	14.9
127	15.2	12.0	18.0

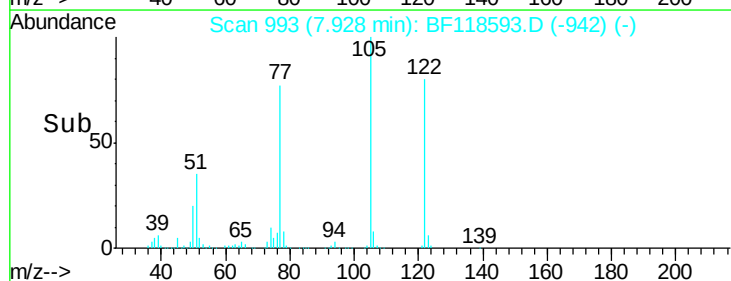
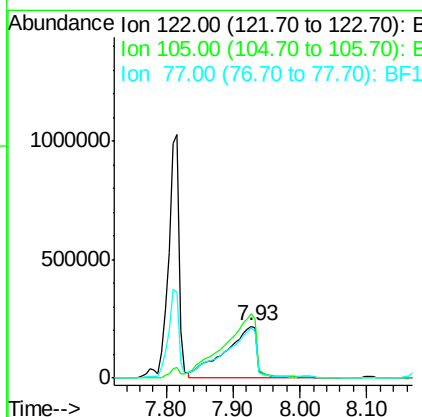
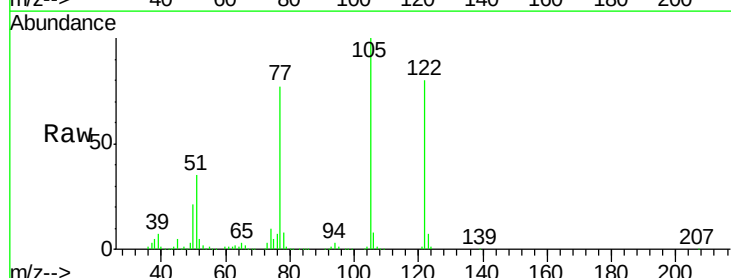
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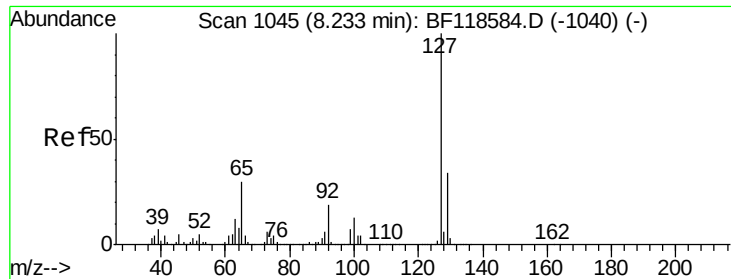
mohammad
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#32
Benzoic acid
Concen: 44.237 ng
RT: 7.93 min Scan# 993
Delta R.T. -0.00 min
Lab File: BF118593.D
Acq: 20 Jan 2020 16:03

Tgt Ion	Ratio	Lower	Upper
122	100		
105	124.8	104.3	144.3
77	96.6	79.4	119.4





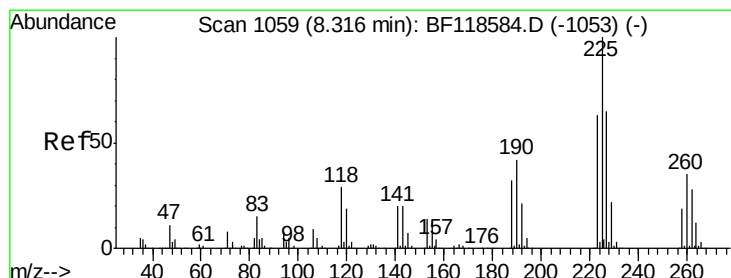
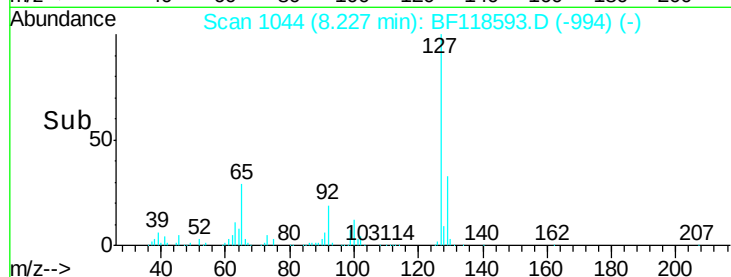
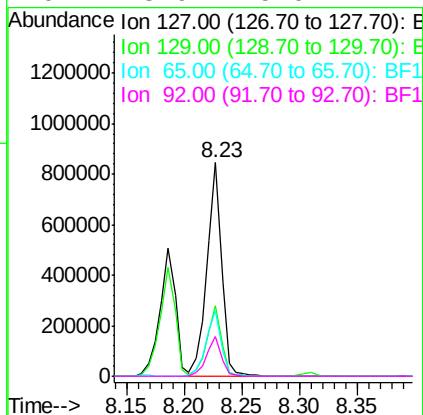
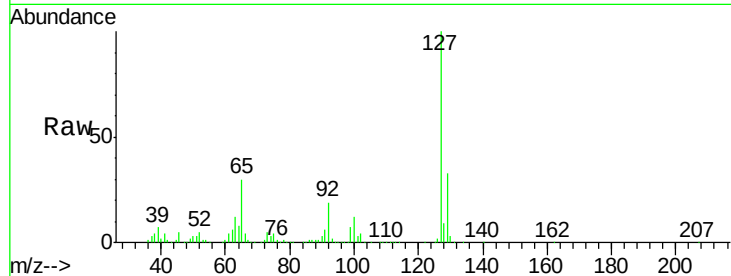
#33
4-Chloroaniline
Concen: 21.680 ng
RT: 8.23 min Scan# 1044
Delta R.T. -0.01 min
Lab File: BF118593.D
Acq: 20 Jan 2020 16:03

Instrument :
BNA_F
ClientSampleId :
PB126190BS

Tot Ion	Ratio	Resp	Lower	Upper
127	100			
129	32.9	27.4	41.0	
65	30.3	23.6	35.4	
92	18.9	15.0	22.4	

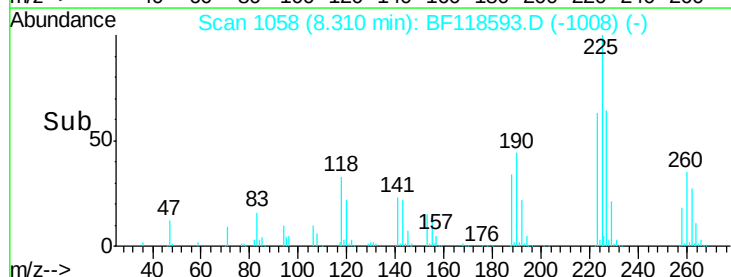
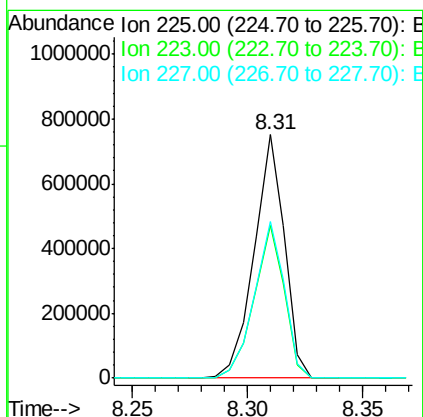
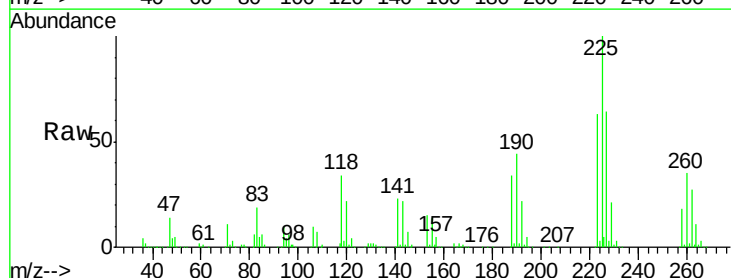
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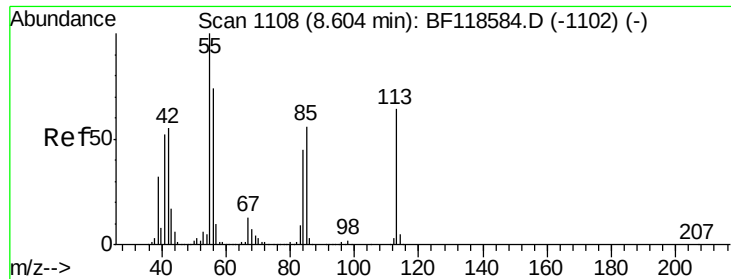
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#34
Hexachlorobutadiene
Concen: 39.090 ng
RT: 8.31 min Scan# 1058
Delta R.T. -0.01 min
Lab File: BF118593.D
Acq: 20 Jan 2020 16:03

Tgt Ion	Ratio	Resp	Lower	Upper
225	100			
223	62.7	50.2	75.4	
227	64.4	52.1	78.1	





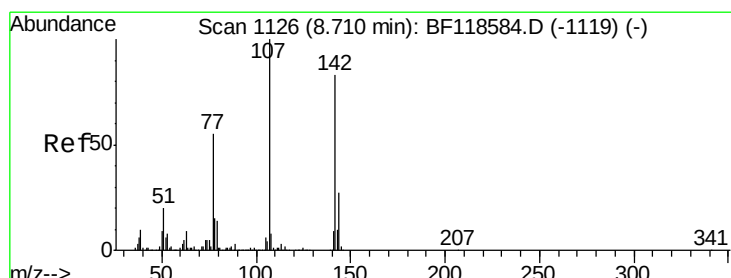
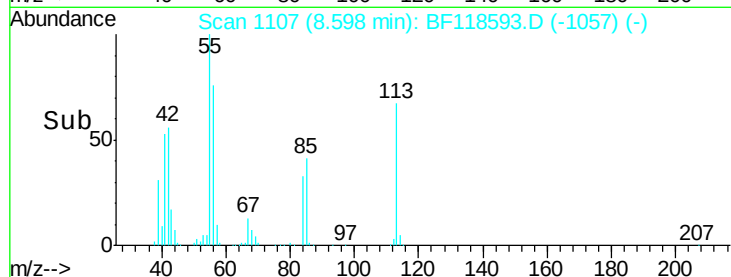
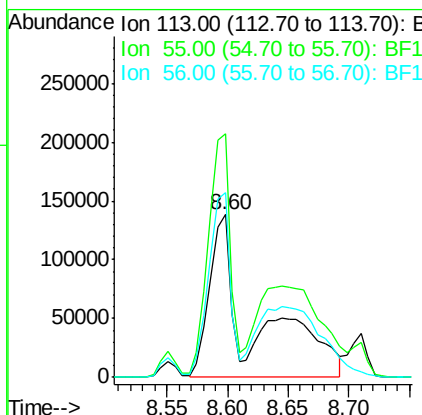
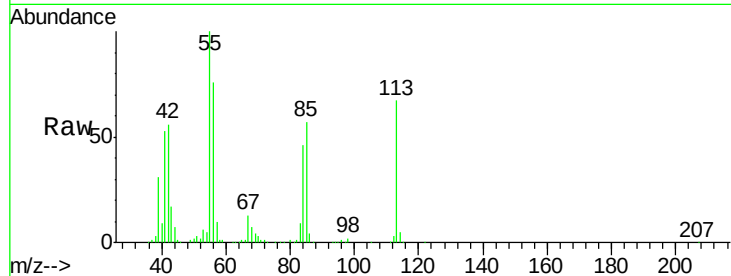
#35
 Caprolactam
 Concen: 42.730 ng/ml
 RT: 8.60 min Scan# 1107
 Delta R.T. -0.01 min
 Lab File: BF118593.D
 Acq: 20 Jan 2020 16:03

Instrument :
 BNA_F
 ClientSampleID :
 PB126190BS

Tot Ion	Ion	Ratio	Resp	Lower	Upper
113	100				
55	149.9	136.1	176.1		
56	113.7	95.2	135.2		

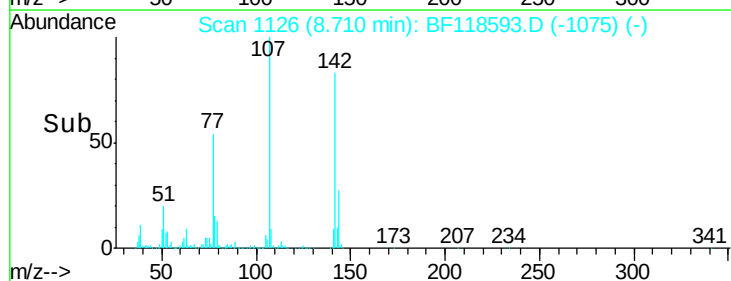
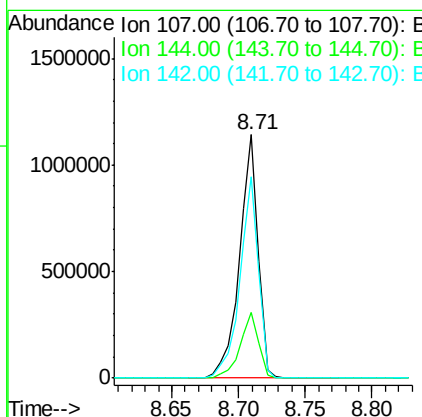
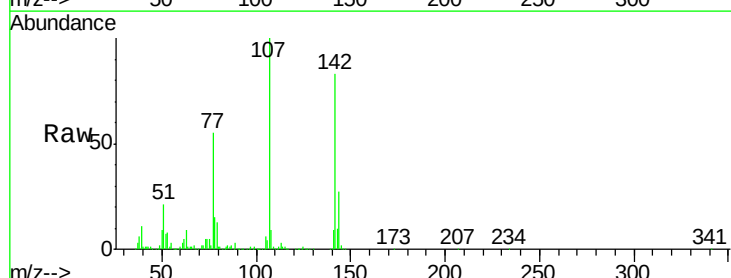
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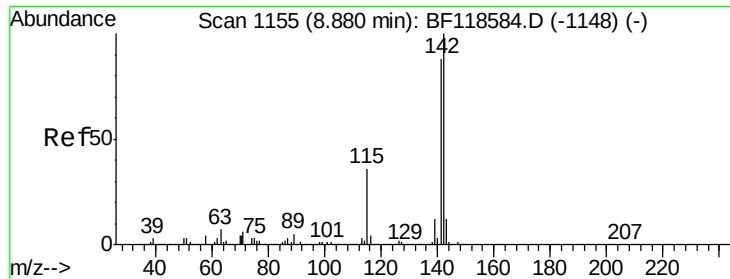
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#36
 4-Chloro-3-methylphenol
 Concen: 45.194 ng/ml
 RT: 8.71 min Scan# 1126
 Delta R.T. -0.00 min
 Lab File: BF118593.D
 Acq: 20 Jan 2020 16:03

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
107	100				
144	27.2	21.8	32.8		
142	82.9	66.5	99.7		





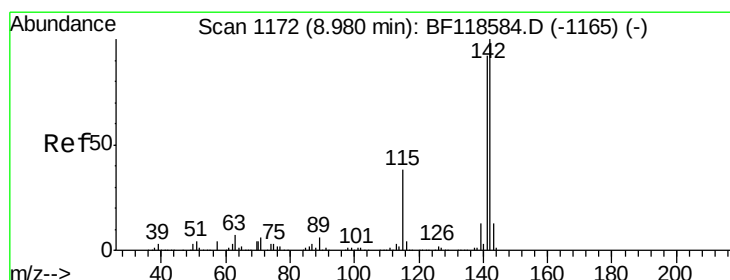
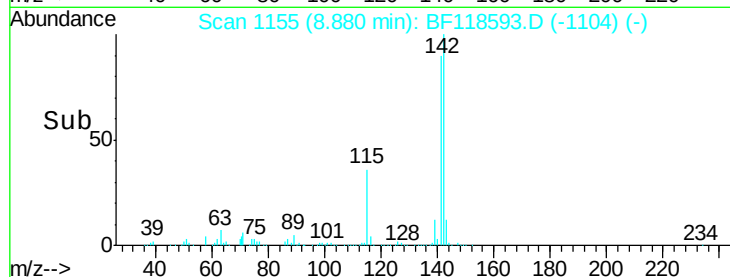
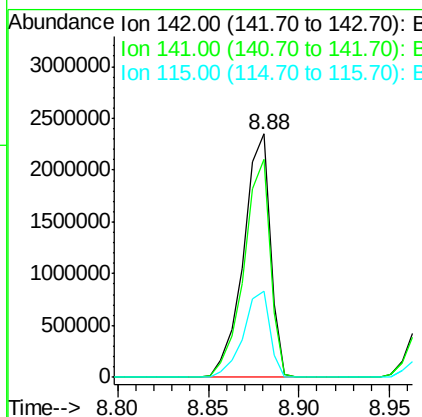
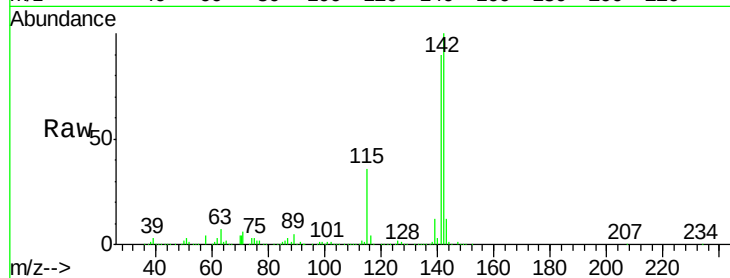
#37
2-Methylnaphthalene
Concen: 45.483 ng
RT: 8.88 min Scan# 1155
Delta R.T. -0.00 min
Lab File: BF118593.D
Acq: 20 Jan 2020 16:03

Instrument :
BNA_F
ClientSampleId :
PB126190BS

Tot Ion	Ratio	Lower	Upper
142	100		
141	89.8	70.7	106.1
115	35.6	28.5	42.7

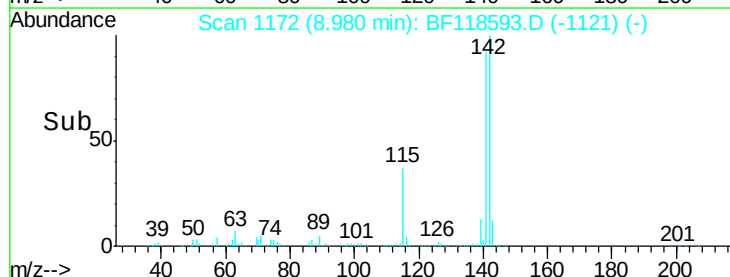
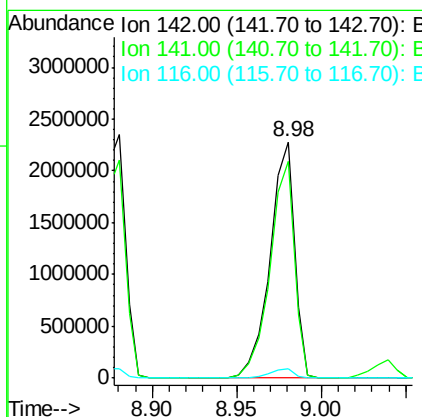
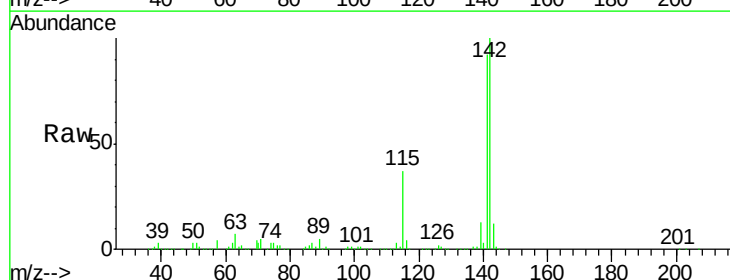
Manual Integrations
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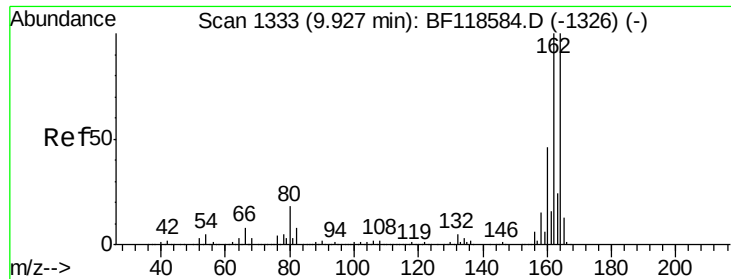
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#38
1-Methylnaphthalene
Concen: 45.236 ng
RT: 8.98 min Scan# 1172
Delta R.T. -0.00 min
Lab File: BF118593.D
Acq: 20 Jan 2020 16:03

Tgt Ion	Ratio	Lower	Upper
142	100		
141	91.9	73.4	110.2
116	3.9	3.3	4.9





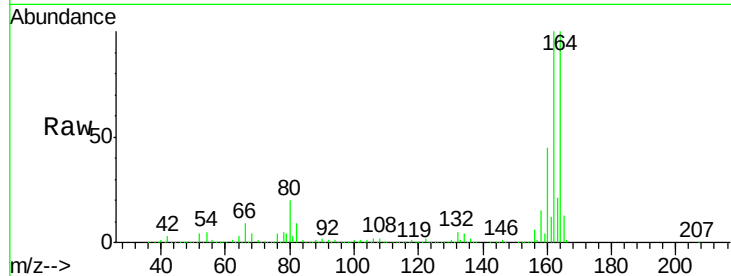
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.92 min Scan# 1332
Delta R.T. -0.01 min
Lab File: BF118593.D
Acq: 20 Jan 2020 16:03

Instrument :
BNA_F
ClientSampled :
PB126190BS

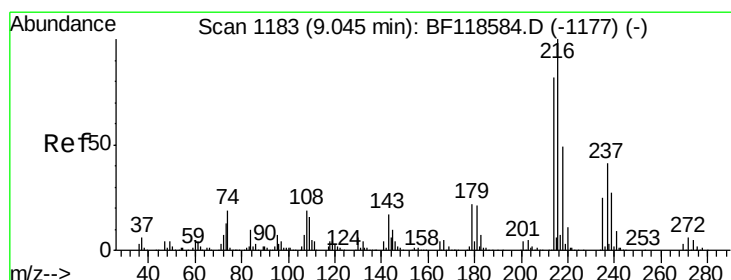
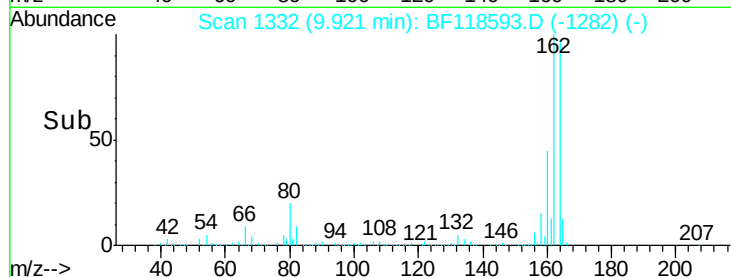
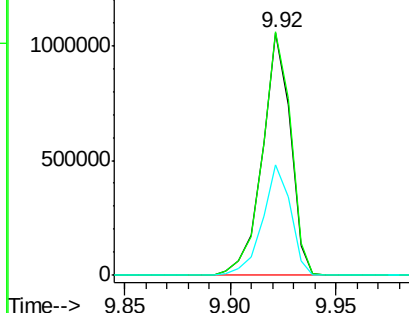
Tot Ion	Ratio	Lower	Upper
164	100		
162	100.2	80.4	120.6
160	45.4	36.6	55.0

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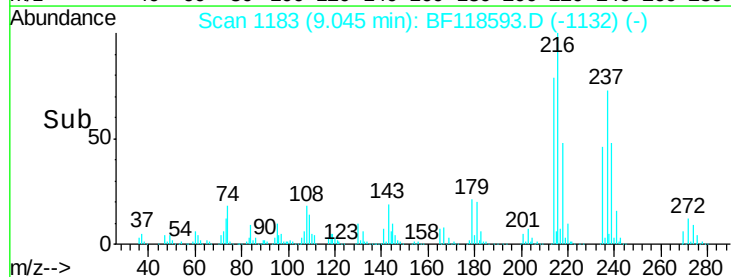
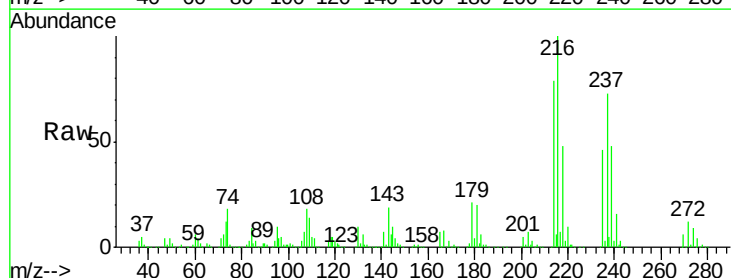
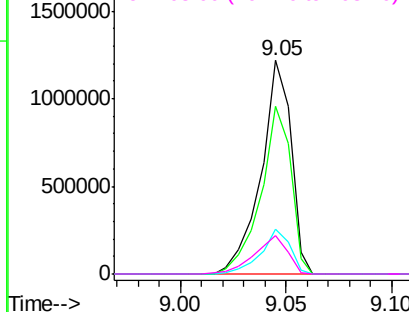
Abundance Ion 164.00 (163.70 to 164.70): E
Ion 162.00 (161.70 to 162.70): E
Ion 160.00 (159.70 to 160.70): E

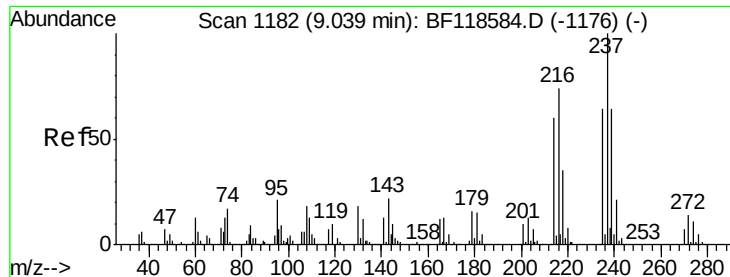


#40
1,2,4,5-Tetrachlorobenzene
Concen: 39.745 ng
RT: 9.05 min Scan# 1183
Delta R.T. -0.00 min
Lab File: BF118593.D
Acq: 20 Jan 2020 16:03

Tgt Ion	Ratio	Lower	Upper
216	100		
214	78.6	64.2	96.2
179	20.1	16.6	25.0
108	19.9	14.4	21.6

Abundance Ion 216.00 (215.70 to 216.70): E
Ion 214.00 (213.70 to 214.70): E
Ion 179.00 (178.70 to 179.70): E
Ion 108.00 (107.70 to 108.70): E





#41

Hexachlorocyclopentadiene

Concen: 96.404 ng

RT: 9.04 min Scan# 1182

Delta R.T. -0.00 min

Lab File: BF118593.D

Acq: 20 Jan 2020 16:03

Instrument :

BNA_F

ClientSampleId :

PB126190BS

Tot Ion:237 Resp: 1484349

Ion Ratio Lower Upper

237 100

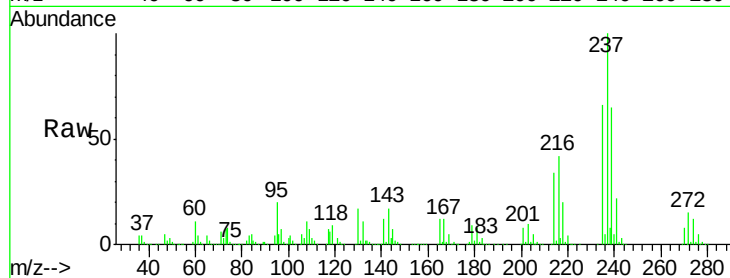
235 65.7 44.0 84.0

272 14.6 0.0 34.0

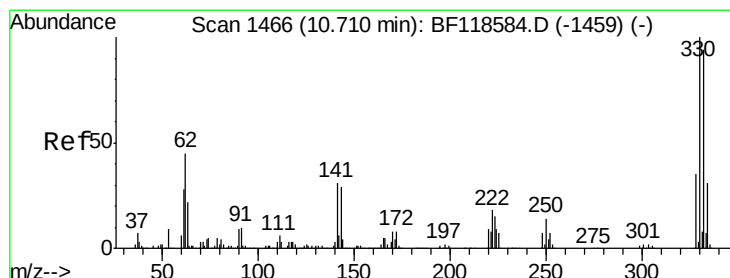
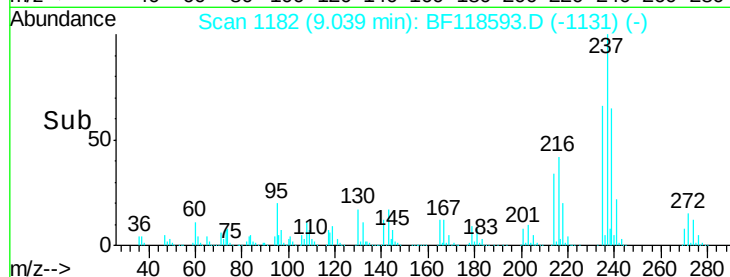
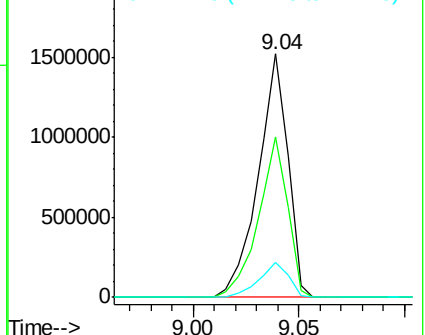
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Abundance Ion 236.80 (236.50 to 237.50): E
Ion 234.90 (234.60 to 235.60): E
Ion 271.75 (271.45 to 272.45): E



#42

2,4,6-Tribromophenol

Concen: 126.626 ng

RT: 10.72 min Scan# 1467

Delta R.T. 0.01 min

Lab File: BF118593.D

Acq: 20 Jan 2020 16:03

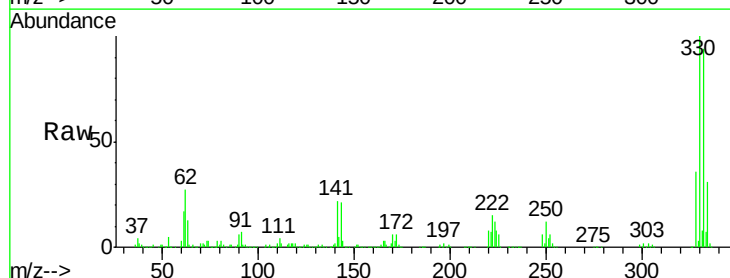
Tgt Ion:330 Resp: 1428462

Ion Ratio Lower Upper

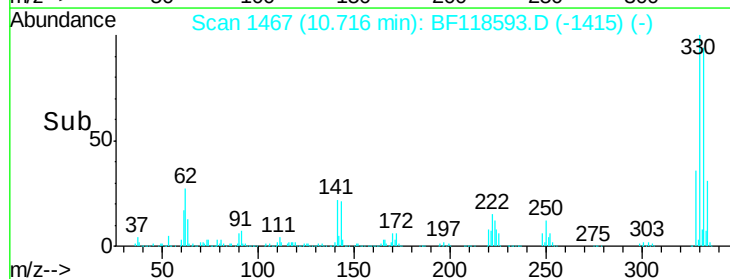
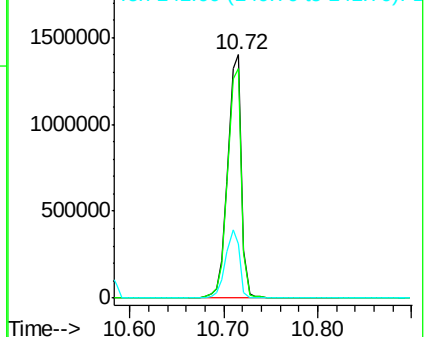
330 100

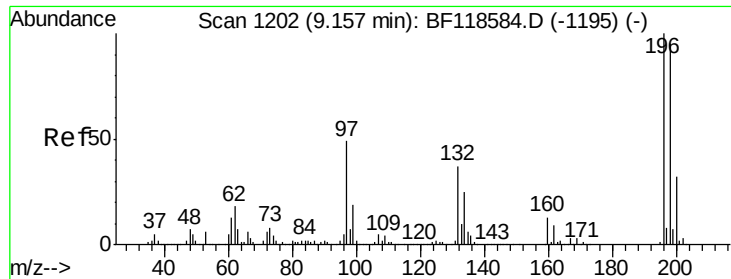
332 95.4 76.2 114.4

141 29.0 23.9 35.9



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





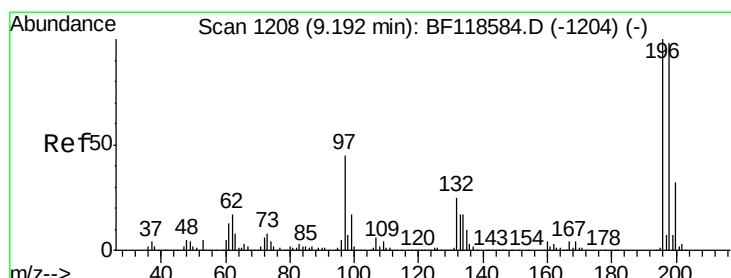
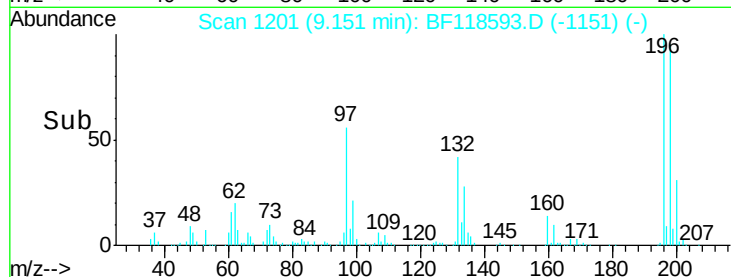
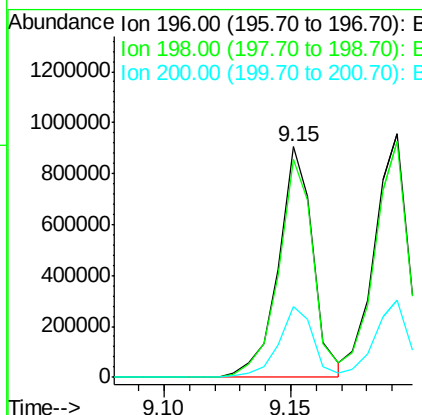
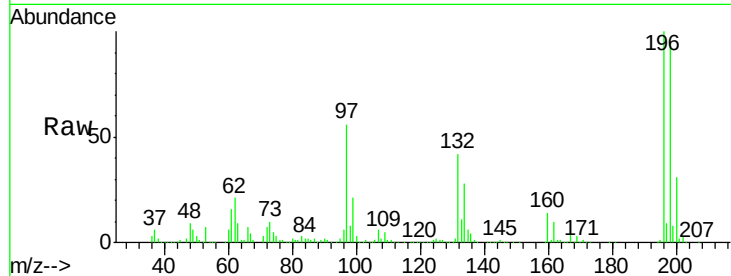
#43
 2,4,6-Trichlorophenol
 Concen: 42.540 ng
 RT: 9.15 min Scan# 1201
 Delta R.T. -0.01 min
 Lab File: BF118593.D
 Acq: 20 Jan 2020 16:03

Instrument :
 BNA_F
 ClientSampleId :
 PB126190BS

Tot Ion	Ratio	Resp	Lower	Upper
196	100	861467		
198	94.8	76.3	114.5	
200	30.7	25.4	38.2	

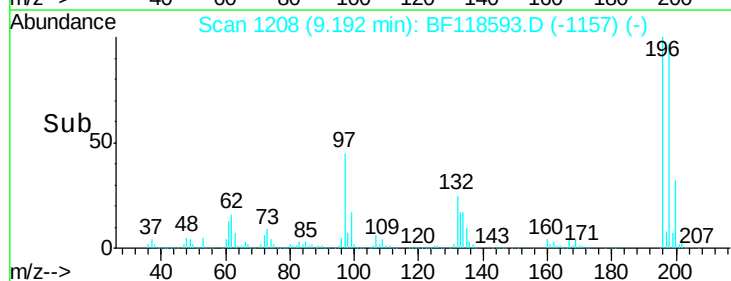
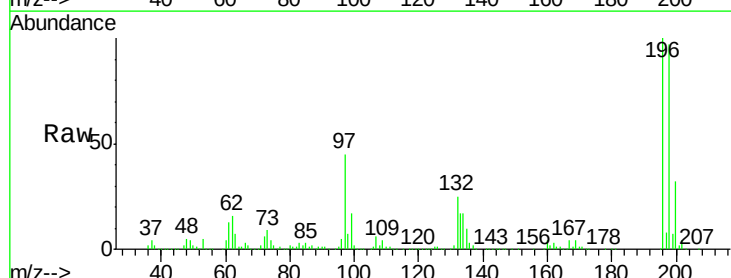
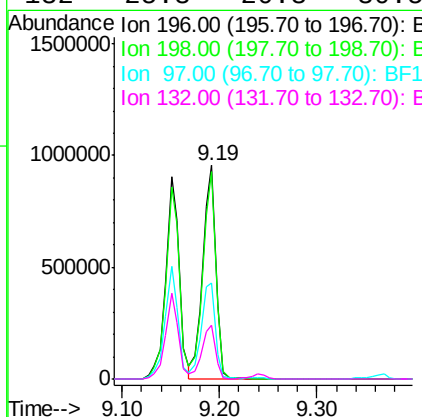
Manual Integrations
 APPROVED

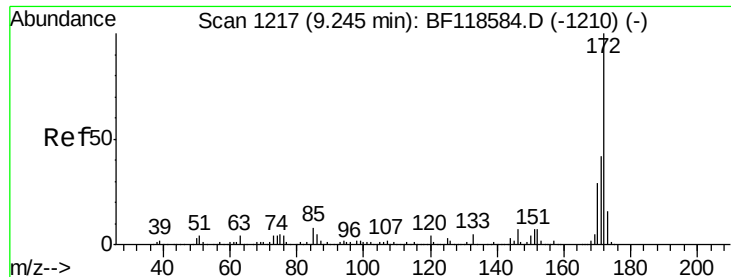
mohammad
 1/21/2020 2:26:03 PM



#44
 2,4,5-Trichlorophenol
 Concen: 43.012 ng
 RT: 9.19 min Scan# 1208
 Delta R.T. -0.00 min
 Lab File: BF118593.D
 Acq: 20 Jan 2020 16:03

Tgt Ion	Ratio	Resp	Lower	Upper
196	100	889585		
198	97.2	78.3	117.5	
97	44.7	35.9	53.9	
132	25.3	20.3	30.5	





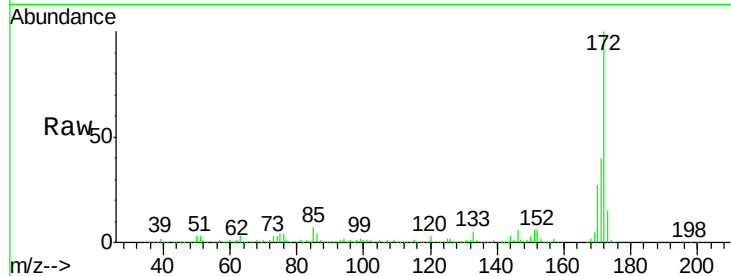
#45
2-Fluorobiphenyl
Concen: 71.435 ng
RT: 9.25 min Scan# 1217
Delta R.T. -0.00 min
Lab File: BF118593.D
Acq: 20 Jan 2020 16:03

Instrument :
BNA_F
ClientSampleId :
PB126190BS

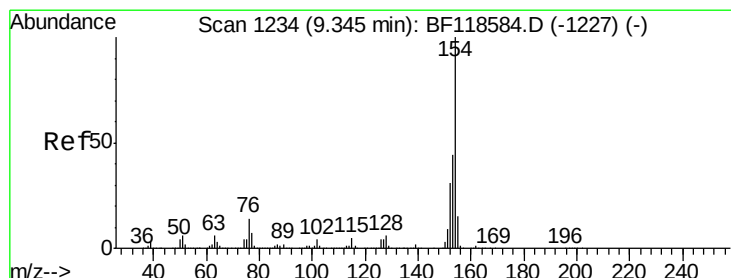
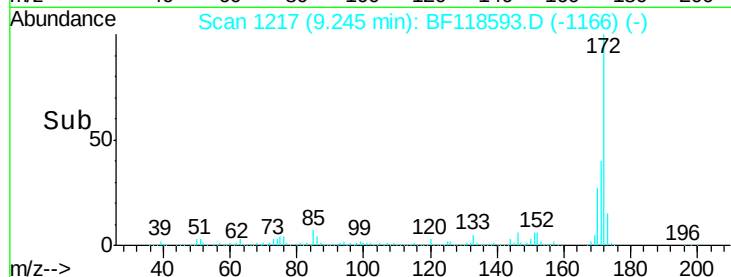
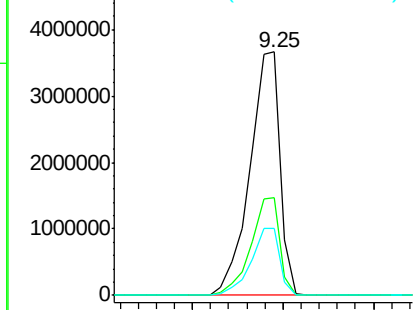
Tot Ion	Ratio	Lower	Upper
172	100		
171	39.9	33.4	50.2
170	27.4	23.2	34.8

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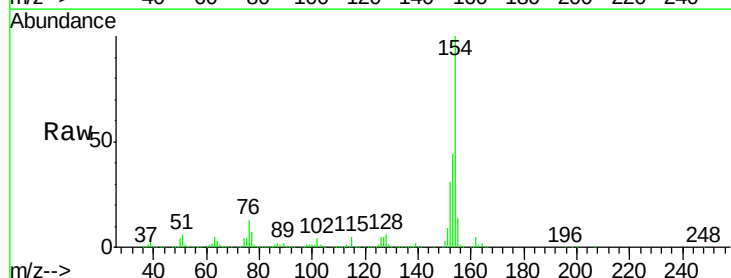


Abundance Ion 172.00 (171.70 to 172.70): E
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E

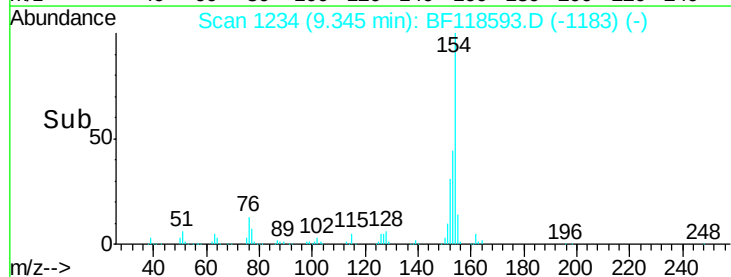
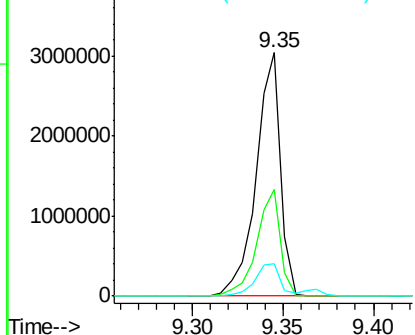


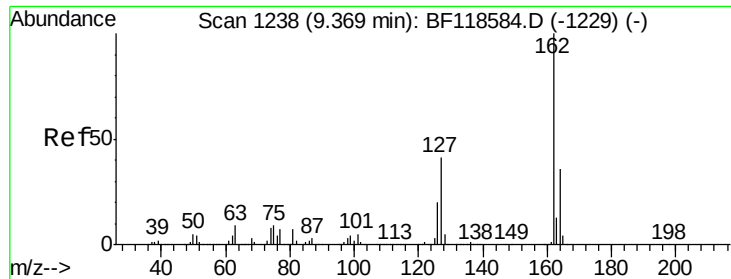
#46
1,1'-Biphenyl
Concen: 42.259 ng
RT: 9.35 min Scan# 1234
Delta R.T. -0.00 min
Lab File: BF118593.D
Acq: 20 Jan 2020 16:03

Tgt Ion	Ratio	Lower	Upper
154	100		
153	43.8	23.8	63.8
76	13.2	0.0	34.3



Abundance Ion 154.00 (153.70 to 154.70): E
Ion 153.00 (152.70 to 153.70): E
Ion 76.00 (75.70 to 76.70): BF1





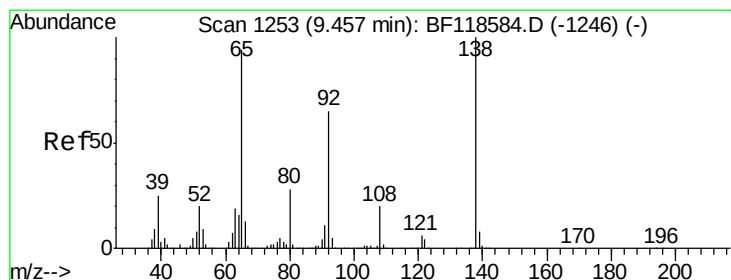
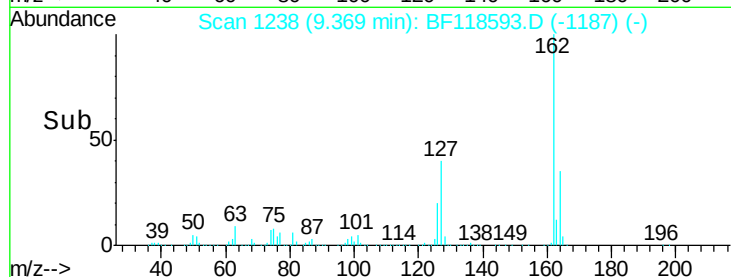
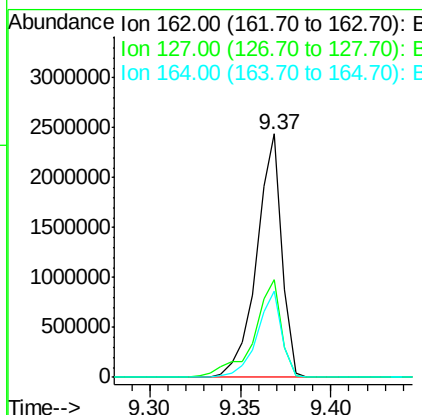
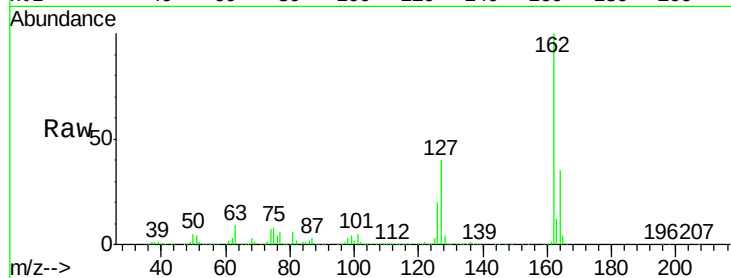
#47
2-Chloronaphthalene
Concen: 41.384 ng
RT: 9.37 min Scan# 1238
Delta R.T. -0.00 min
Lab File: BF118593.D
Acq: 20 Jan 2020 16:03

Instrument :
BNA_F
ClientSampleId :
PB126190BS

Tot Ion	Ratio	Lower	Upper
162	100		
127	40.0	33.0	49.6
164	35.4	28.6	42.8

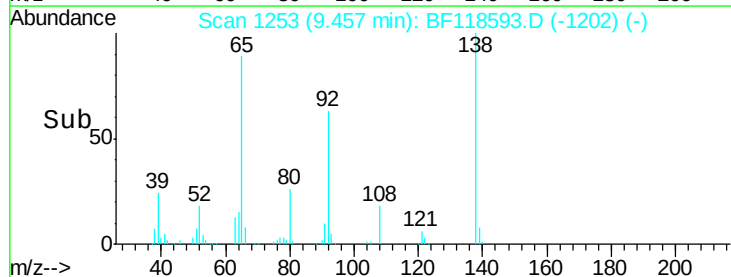
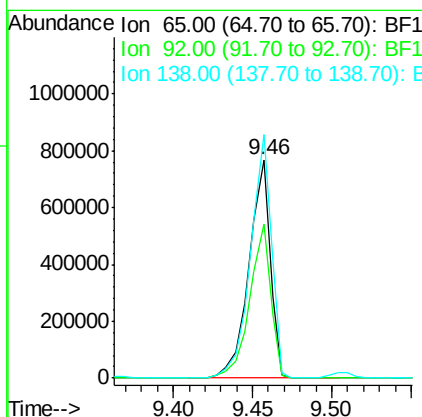
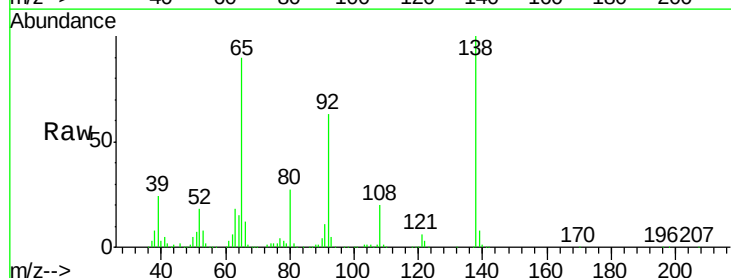
Manual Integrations
APPROVED

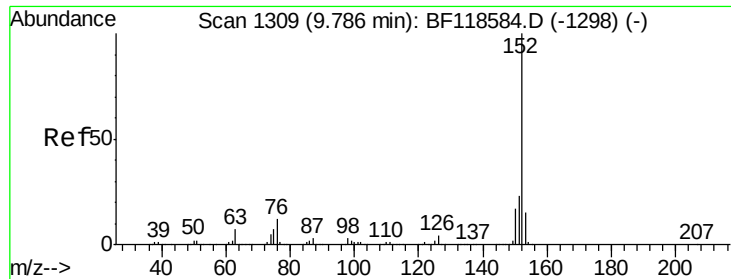
mohammad
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#48
2-Nitroaniline
Concen: 41.059 ng
RT: 9.46 min Scan# 1253
Delta R.T. -0.00 min
Lab File: BF118593.D
Acq: 20 Jan 2020 16:03

Tgt Ion	Ratio	Lower	Upper
65	100		
92	70.4	55.4	83.0
138	111.6	85.0	127.6





#49

Acenaphthylene

Concen: 44.090 ng

RT: 9.79 min Scan# 1309

Delta R.T. -0.00 min

Lab File: BF118593.D

Acq: 20 Jan 2020 16:03

Instrument :

BNA_F

ClientSampleId :

PB126190BS

Tot Ion:152 Resp: 3514245

Ion Ratio Lower Upper

152 100

151 23.2 18.6 27.8

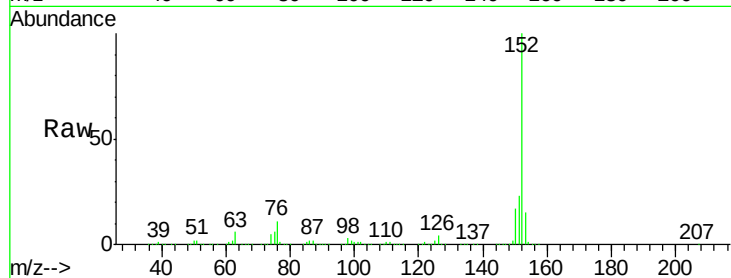
153 15.2 12.2 18.4

Manual Integrations

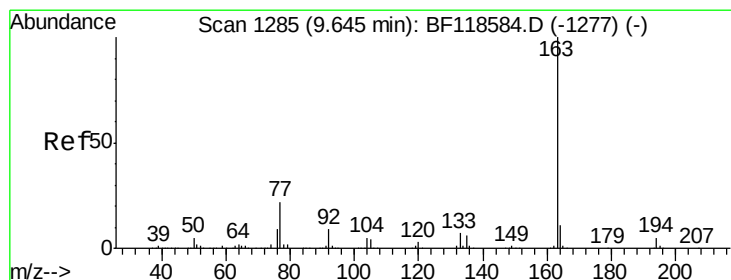
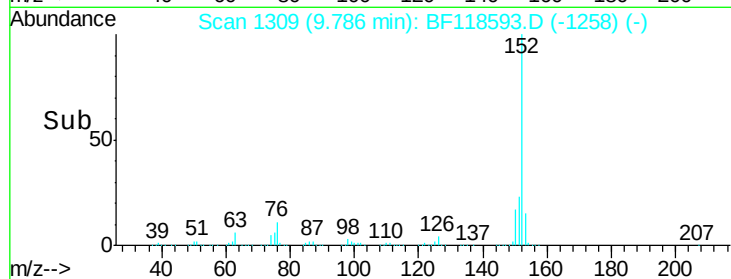
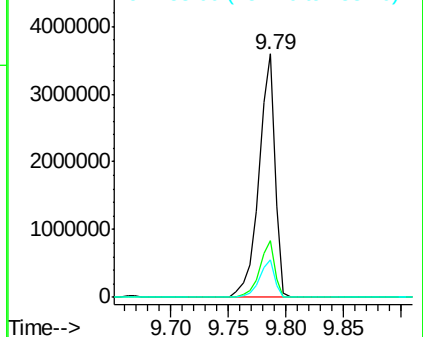
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Abundance Ion 152.00 (151.70 to 152.70): E
Ion 151.00 (150.70 to 151.70): E
Ion 153.00 (152.70 to 153.70): E



#50

Dimethylphthalate

Concen: 41.851 ng

RT: 9.65 min Scan# 1285

Delta R.T. -0.00 min

Lab File: BF118593.D

Acq: 20 Jan 2020 16:03

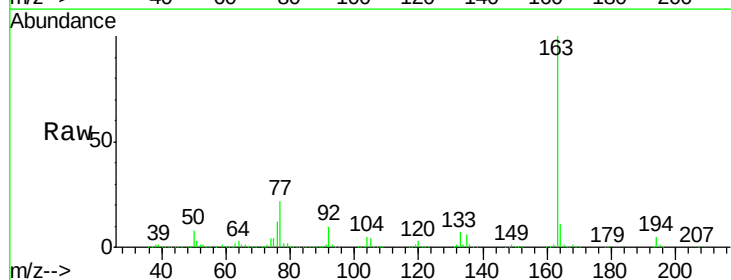
Tgt Ion:163 Resp: 2659400

Ion Ratio Lower Upper

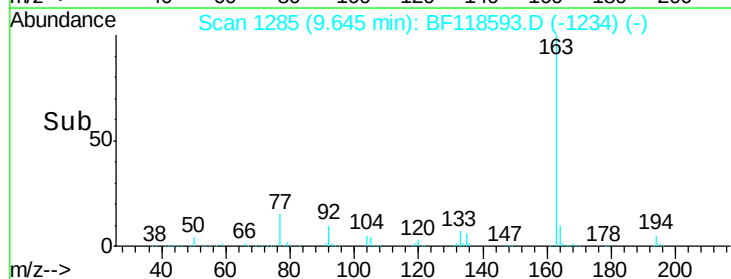
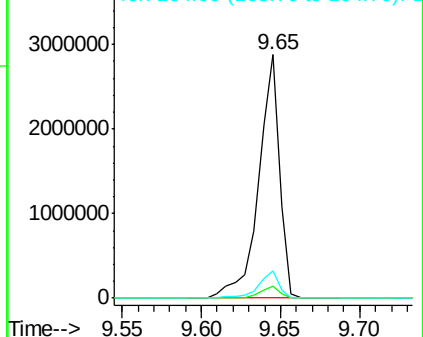
163 100

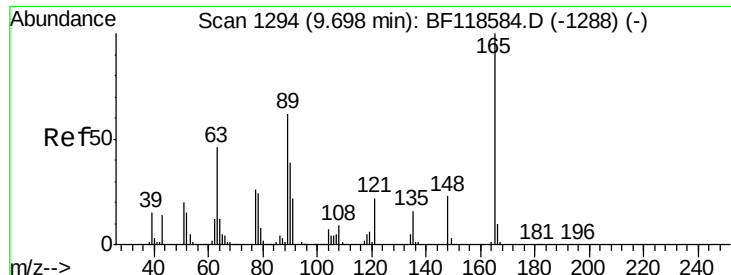
194 4.9 3.9 5.9

164 11.4 9.1 13.7



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





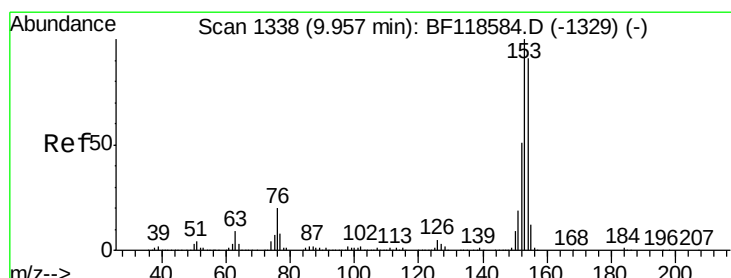
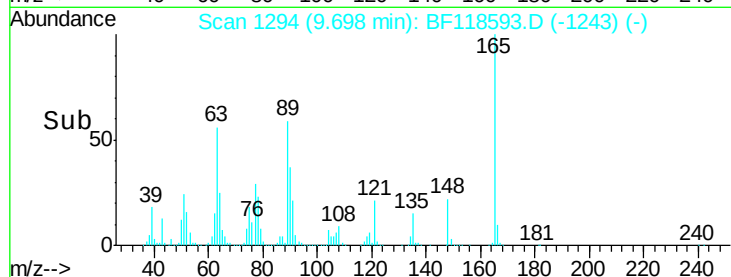
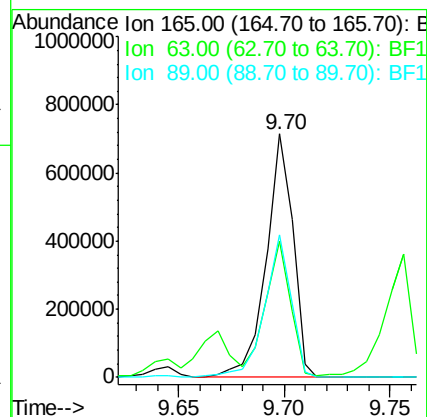
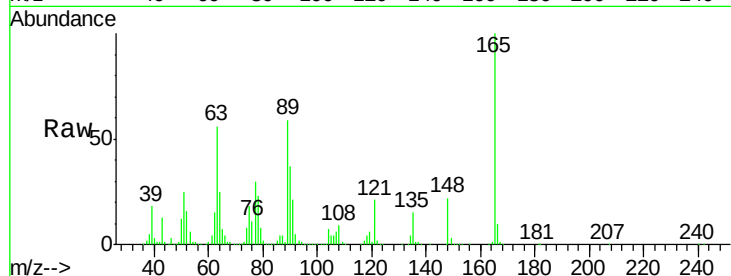
#51
2,6-Dinitrotoluene
Concen: 44.587 ng
RT: 9.70 min Scan# 1294
Delta R.T. -0.00 min
Lab File: BF118593.D
Acq: 20 Jan 2020 16:03

Instrument :
BNA_F
ClientSampleId :
PB126190BS

Tot Ion	Ratio	Lower	Upper
165	100		
63	55.8	48.9	73.3
89	58.6	49.8	74.6

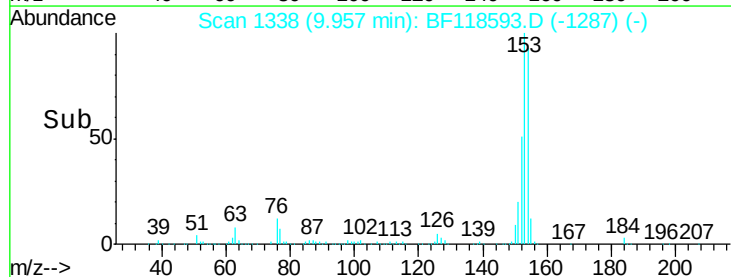
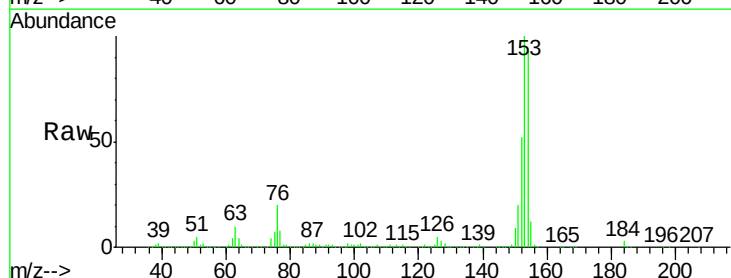
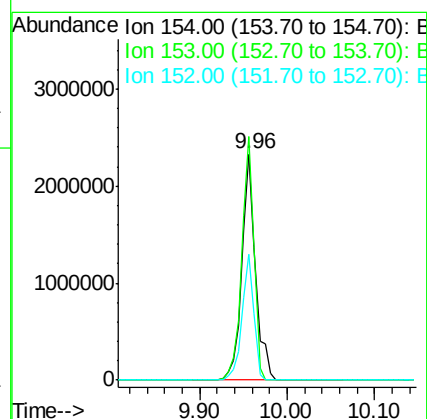
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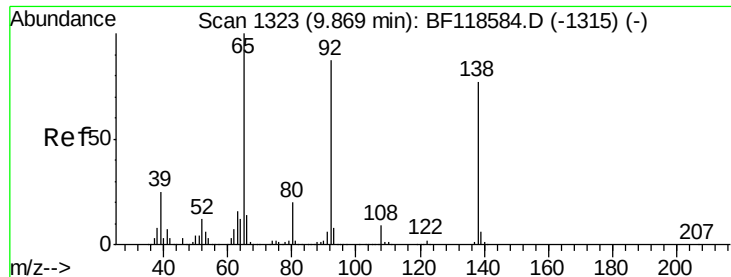
mohammad
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#52
Acenaphthene
Concen: 46.249 ng
RT: 9.96 min Scan# 1338
Delta R.T. -0.00 min
Lab File: BF118593.D
Acq: 20 Jan 2020 16:03

Tgt Ion	Ratio	Lower	Upper
154	100		
153	107.6	87.6	131.4
152	55.6	44.4	66.6





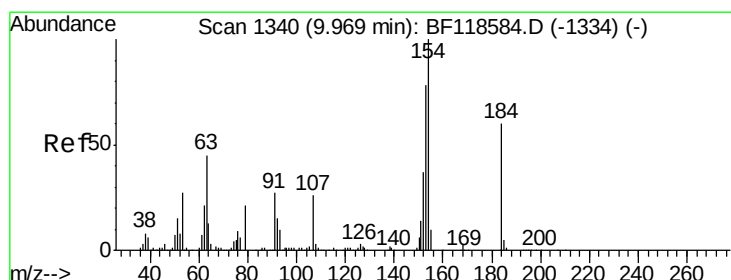
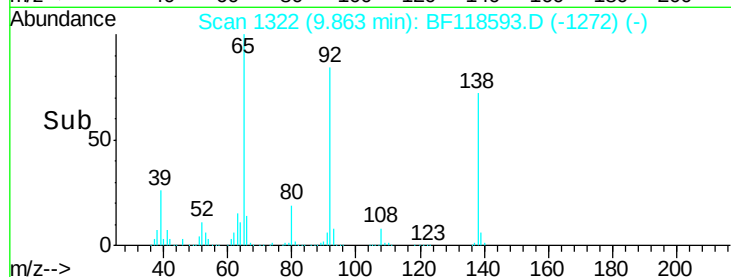
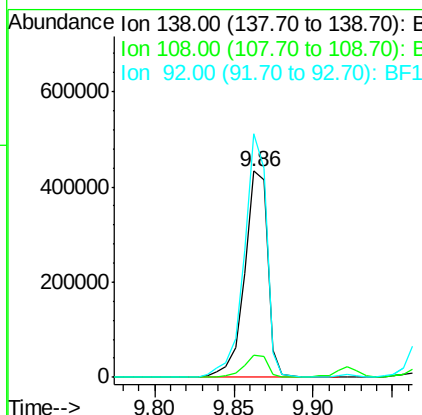
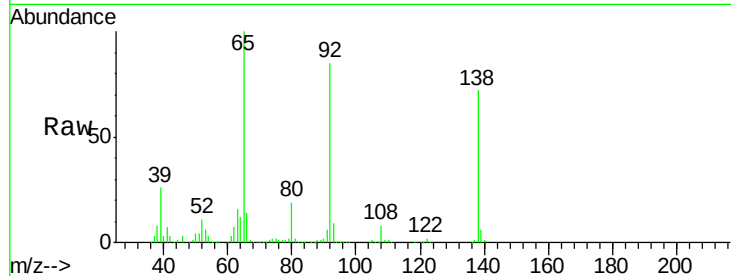
#53
3-Nitroaniline
Concen: 26.899 ng
RT: 9.86 min Scan# 1322
Delta R.T. -0.01 min
Lab File: BF118593.D
Acq: 20 Jan 2020 16:03

Instrument :
BNA_F
ClientSampleId :
PB126190BS

Tot Ion	Ratio	Lower	Upper
138	100		
108	10.9	9.6	14.4
92	118.0	90.6	136.0

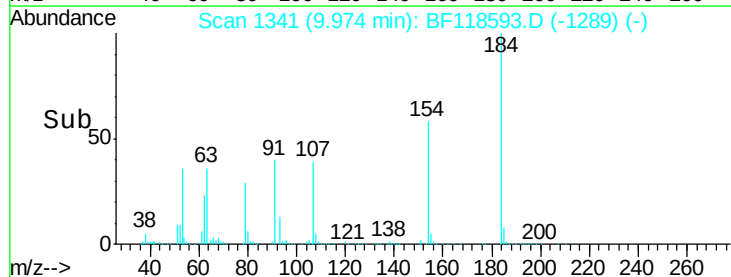
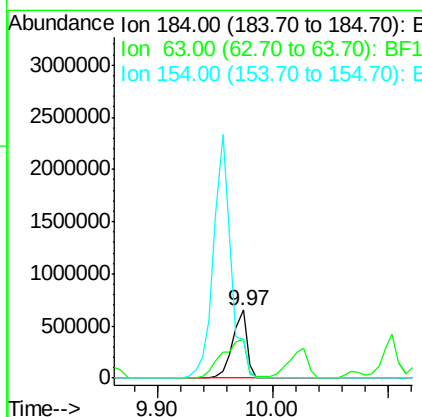
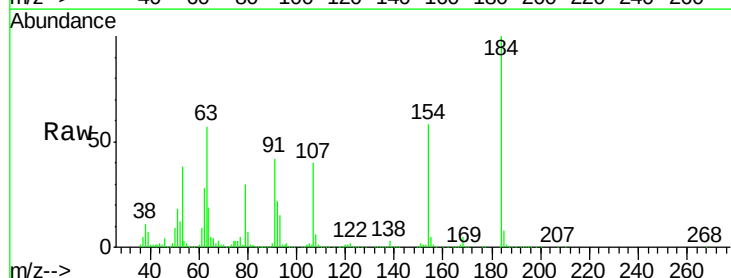
Manual Integrations
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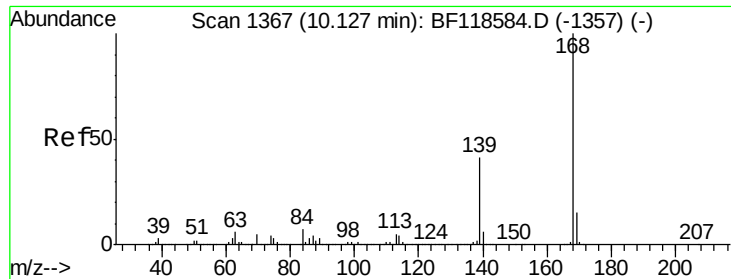
mohammad
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#54
2,4-Dinitrophenol
Concen: 99.950 ng
RT: 9.97 min Scan# 1341
Delta R.T. 0.01 min
Lab File: BF118593.D
Acq: 20 Jan 2020 16:03

Tgt Ion	Ratio	Lower	Upper
184	100		
63	57.1	60.6	90.8#
154	58.0	137.3	205.9#





#55

Dibenzenofuran

Concen: 43.545 ng

RT: 10.13 min Scan# 1367

Delta R.T. -0.00 min

Lab File: BF118593.D

Acq: 20 Jan 2020 16:03

Instrument :

BNA_F

ClientSampleId :

PB126190BS

Tot Ion:168 Resp: 3216234

Ion Ratio Lower Upper

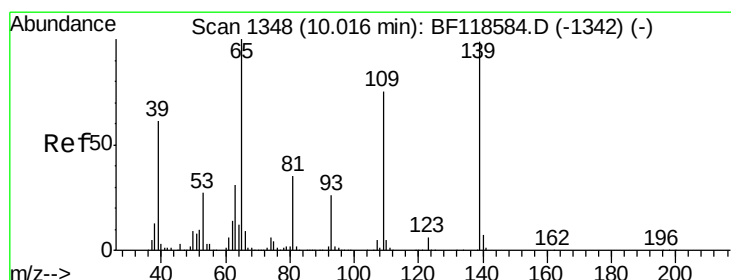
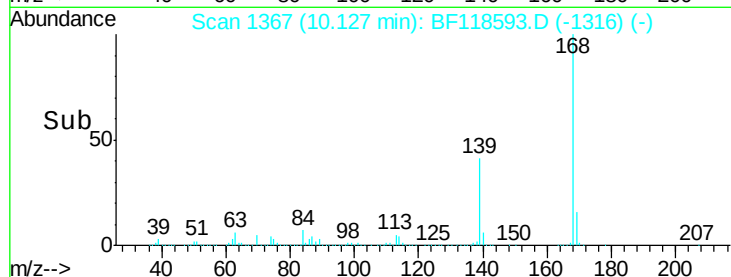
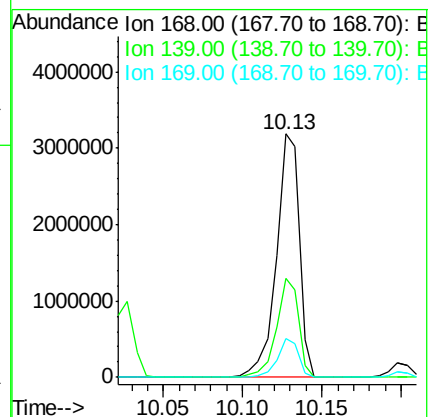
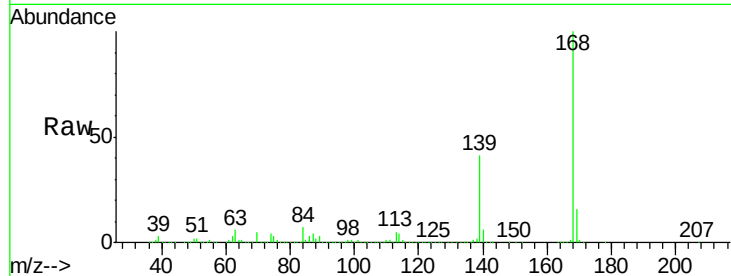
168 100

139 40.7 32.7 49.1

169 15.9 12.2 18.2

Manual Integrations
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#56

4-Nitrophenol

Concen: 92.510 ng

RT: 10.03 min Scan# 1350

Delta R.T. 0.01 min

Lab File: BF118593.D

Acq: 20 Jan 2020 16:03

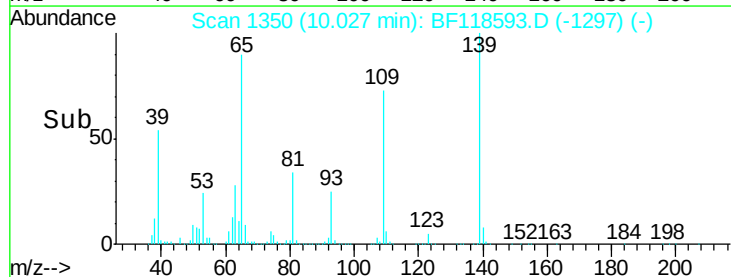
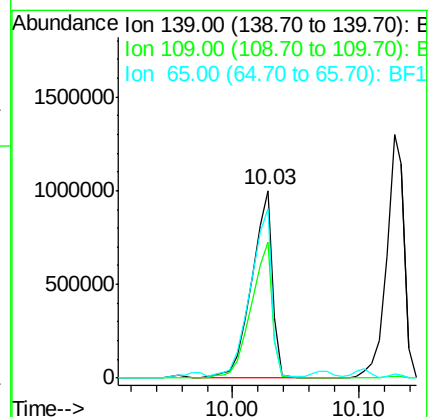
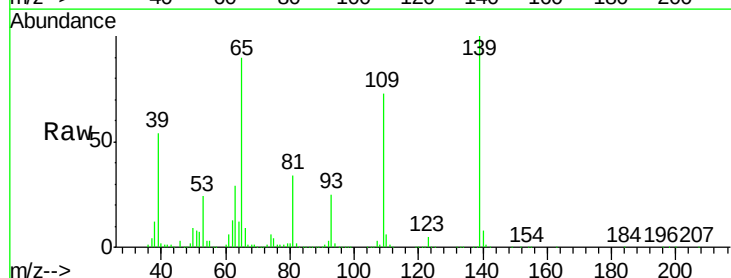
Tgt Ion:139 Resp: 1134706

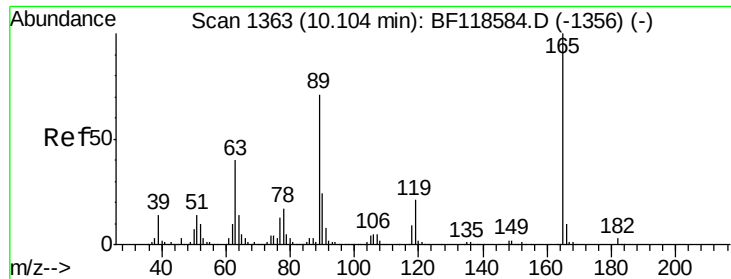
Ion Ratio Lower Upper

139 100

109 72.6 56.0 96.0

65 90.5 81.4 121.4





#57

2,4-Dinitrotoluene

Concen: 46.259 ng

RT: 10.10 min Scan# 1363

Delta R.T. -0.00 min

Lab File: BF118593.D

Acq: 20 Jan 2020 16:03

Instrument :

BNA_F

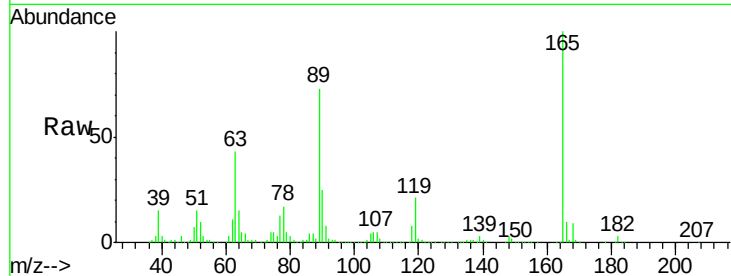
ClientSampled :

PB126190BS

Tot Ion	Ratio	Resp	Lower	Upper
165	100	829806		
63	43.5		32.4	48.6
89	73.2		56.4	84.6
182	2.8		2.3	3.5

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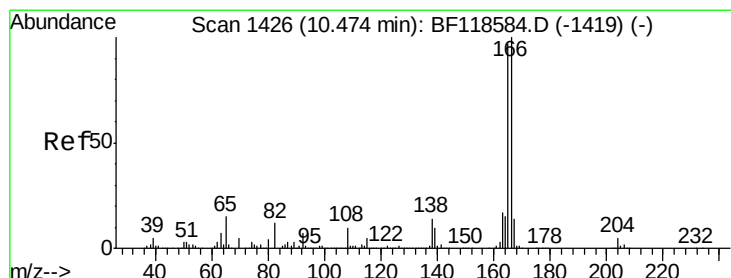
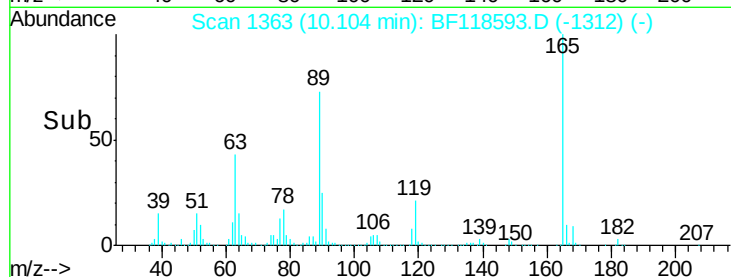
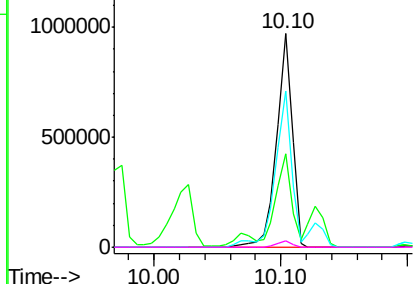


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF1

Ion 89.00 (88.70 to 89.70): BF1

Ion 182.00 (181.70 to 182.70): E



#58

Fluorene

Concen: 43.958 ng

RT: 10.47 min Scan# 1426

Delta R.T. -0.00 min

Lab File: BF118593.D

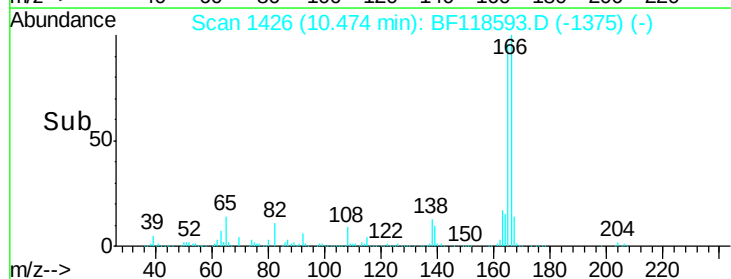
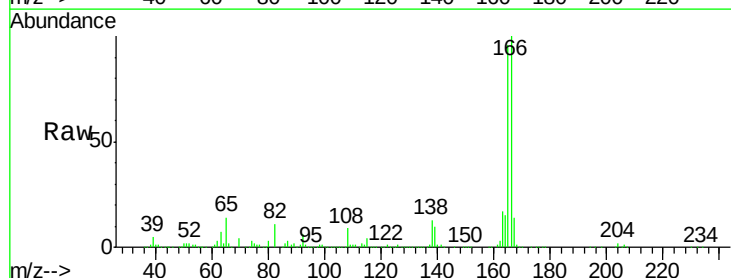
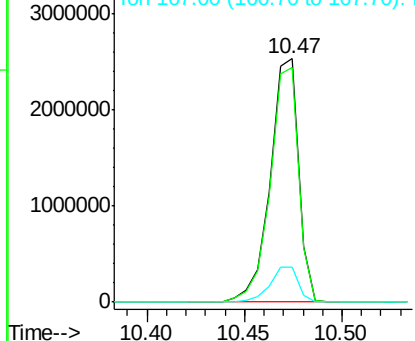
Acq: 20 Jan 2020 16:03

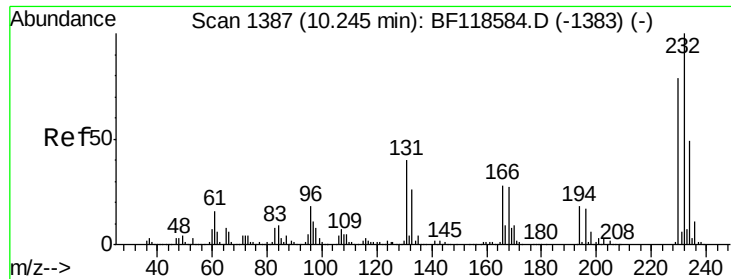
Tgt Ion	Ratio	Resp	Lower	Upper
166	100	2548868		
165	96.4		77.3	115.9
167	14.4		11.5	17.3

Abundance Ion 166.00 (165.70 to 166.70): E

Ion 165.00 (164.70 to 165.70): E

Ion 167.00 (166.70 to 167.70): E





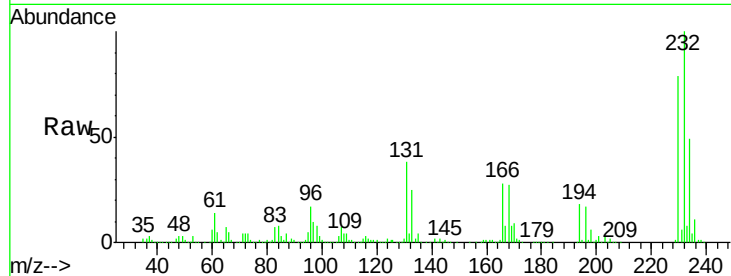
#59
 2,3,4,6-Tetrachlorophenol
 Concen: 43.362 ng
 RT: 10.24 min Scan# 1387
 Delta R.T. -0.00 min
 Lab File: BF118593.D
 Acq: 20 Jan 2020 16:03

Instrument :
 BNA_F
 ClientSampleId :
 PB126190BS

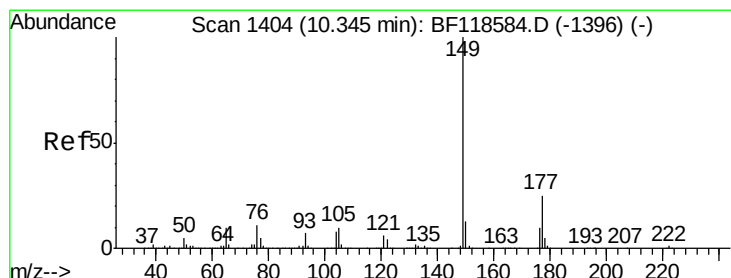
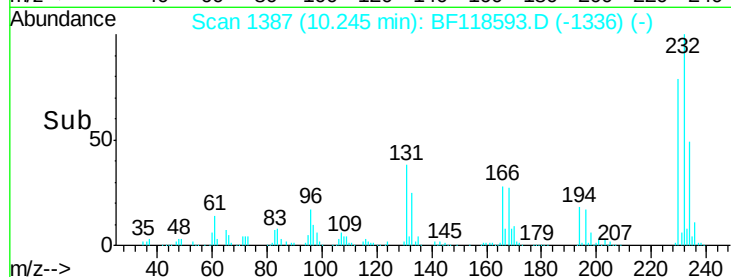
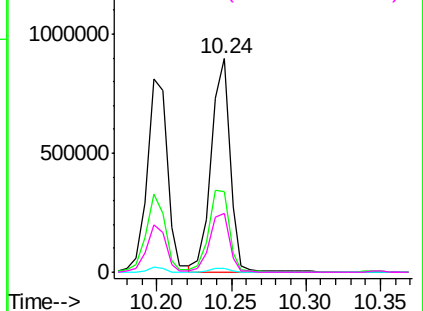
Tot Ion	Ratio	Resp	Lower	Upper
232	100	788817		
131	42.3		33.2	49.8
130	2.3		1.8	2.6
166	29.2		22.6	33.8

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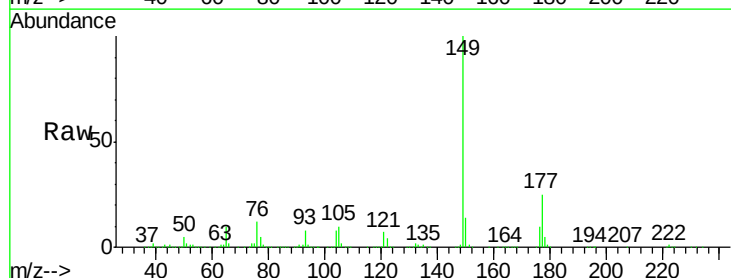


Abundance Ion 232.00 (231.70 to 232.70): E
 Ion 131.00 (130.70 to 131.70): E
 Ion 130.00 (129.70 to 130.70): E
 Ion 166.00 (165.70 to 166.70): E

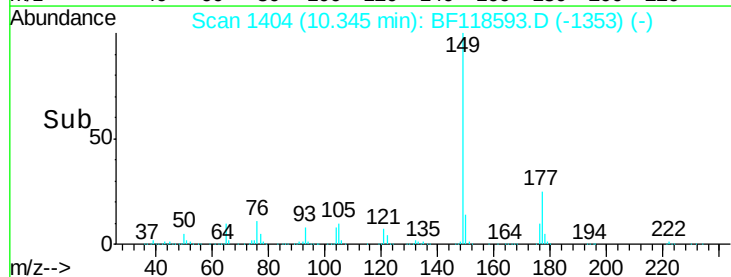
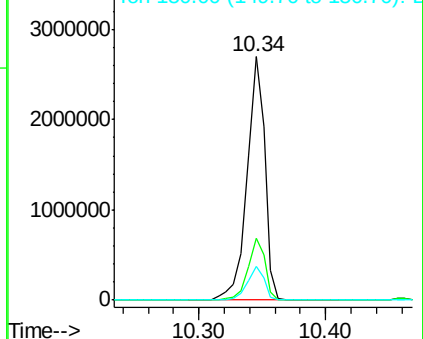


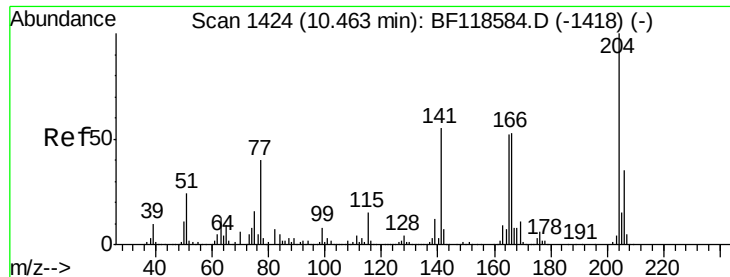
#60
 Diethylphthalate
 Concen: 42.486 ng
 RT: 10.34 min Scan# 1404
 Delta R.T. -0.00 min
 Lab File: BF118593.D
 Acq: 20 Jan 2020 16:03

Tgt Ion	Ratio	Resp	Lower	Upper
149	100	2617577		
177	25.2		20.0	30.0
150	13.8		10.6	16.0



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





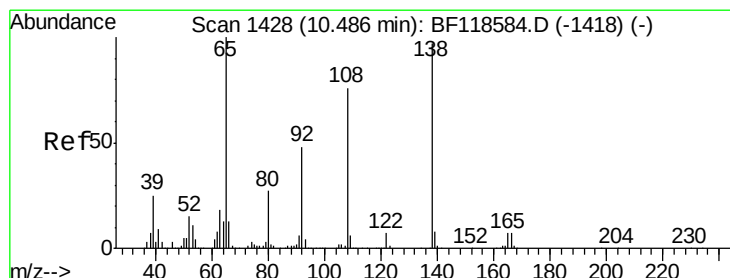
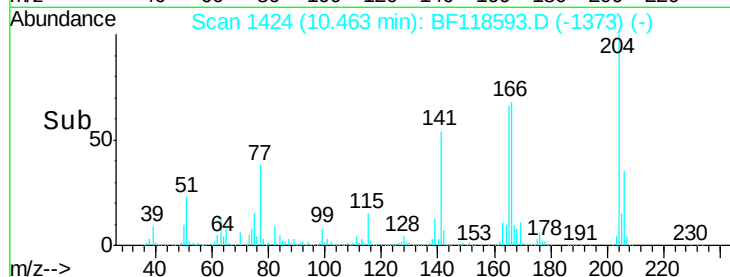
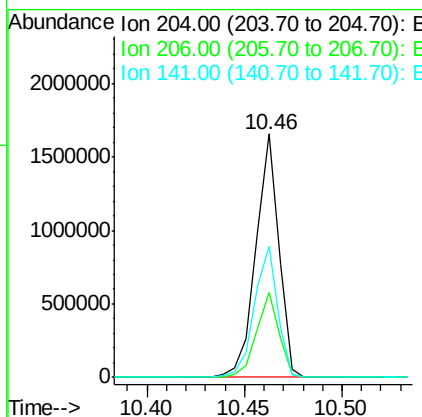
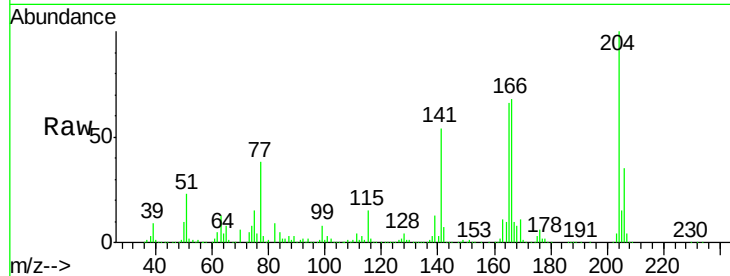
#61
4-Chlorophenyl-phenylether
Concen: 42.885 ng
RT: 10.46 min Scan# 1424
Delta R.T. -0.00 min
Lab File: BF118593.D
Acq: 20 Jan 2020 16:03

Instrument :
BNA_F
ClientSampled :
PB126190BS

Tot Ion	Ratio	Lower	Upper
204	100		
206	35.0	27.8	41.6
141	53.5	43.7	65.5

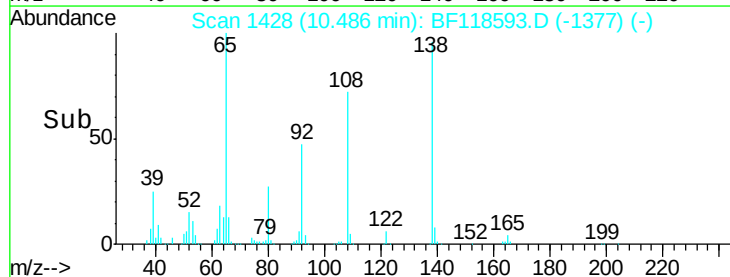
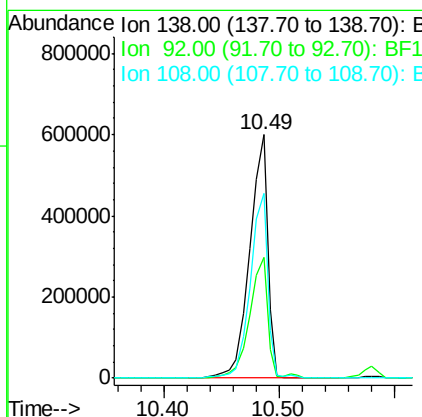
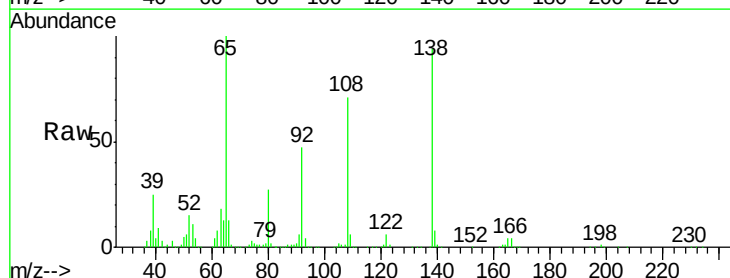
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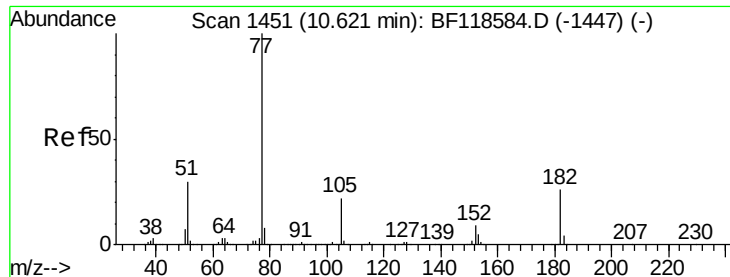
mohammad
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#62
4-Nitroaniline
Concen: 39.107 ng
RT: 10.49 min Scan# 1428
Delta R.T. -0.00 min
Lab File: BF118593.D
Acq: 20 Jan 2020 16:03

Tgt Ion	Ratio	Lower	Upper
138	100		
92	49.5	29.4	69.4
108	75.9	58.2	98.2





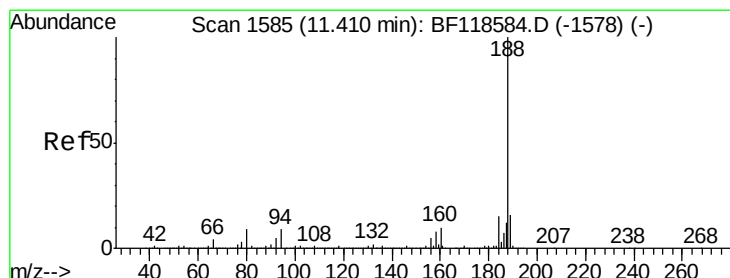
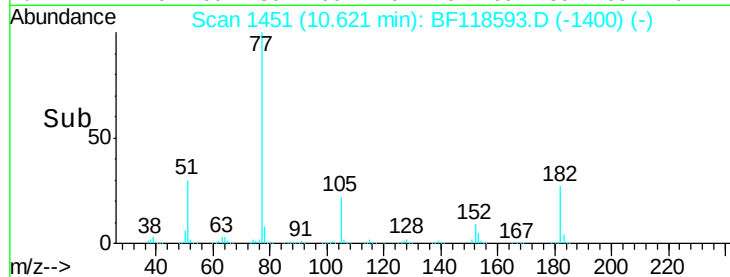
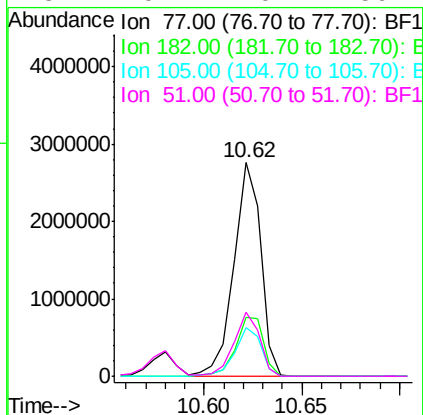
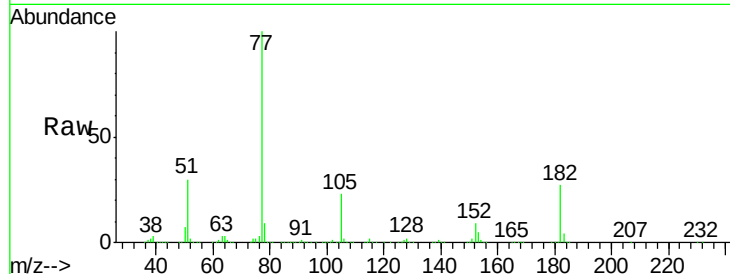
#63
Azobenzene
Concen: 44.255 ng
RT: 10.62 min Scan# 1451
Delta R.T. -0.00 min
Lab File: BF118593.D
Acq: 20 Jan 2020 16:03

Instrument :
BNA_F
ClientSampleId :
PB126190BS

Tot Ion	Ratio	Lower	Upper
77	100		
182	27.3	5.6	45.6
105	22.7	2.0	42.0
51	29.7	10.2	50.2

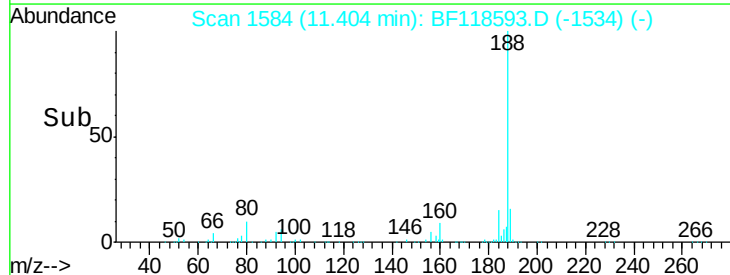
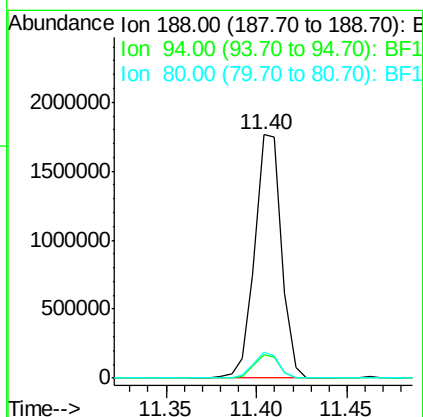
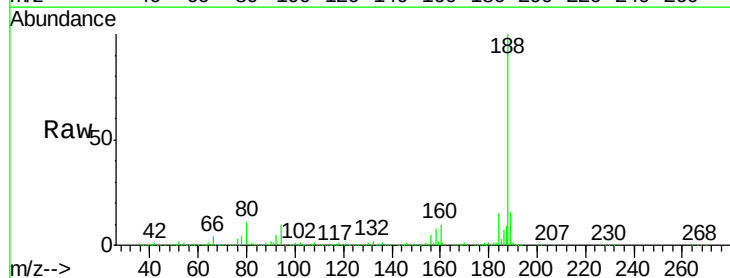
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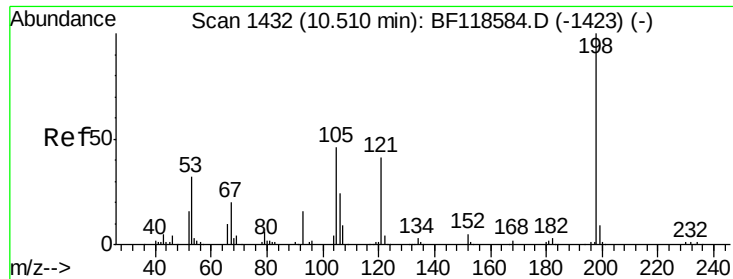
mohammad
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#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.40 min Scan# 1584
Delta R.T. -0.01 min
Lab File: BF118593.D
Acq: 20 Jan 2020 16:03

Tgt Ion	Ratio	Lower	Upper
188	100		
94	9.8	7.1	10.7
80	10.7	7.5	11.3





#65

4,6-Dinitro-2-methylphenol

Concen: 48.835 ng

RT: 10.51 min Scan# 1432

Delta R.T. -0.00 min

Lab File: BF118593.D

Acq: 20 Jan 2020 16:03

Instrument :

BNA_F

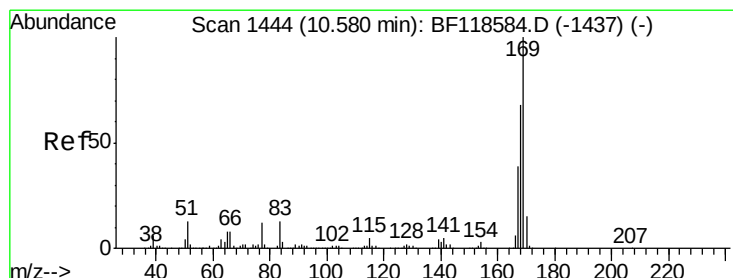
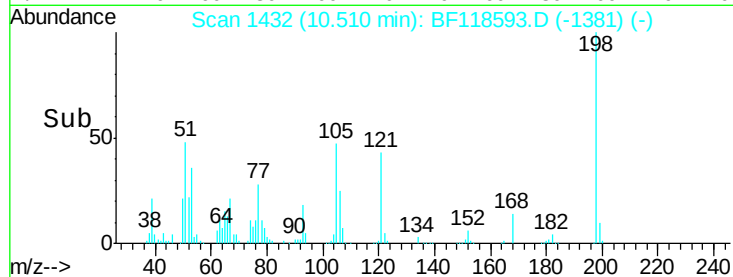
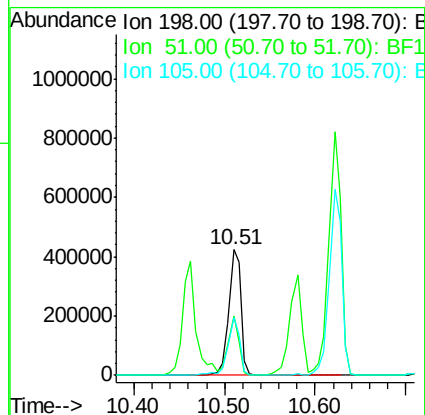
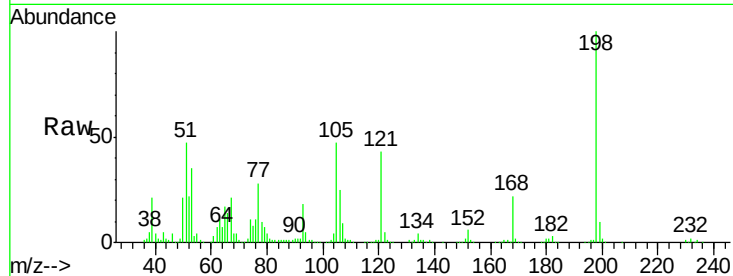
ClientSampled :

PB126190BS

Tot Ion:	198	Resp:	389760
Ion Ratio	Lower	Upper	
198	100		
51	47.4	25.2	65.2
105	46.5	26.3	66.3

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#66

n-Nitrosodiphenylamine

Concen: 42.592 ng

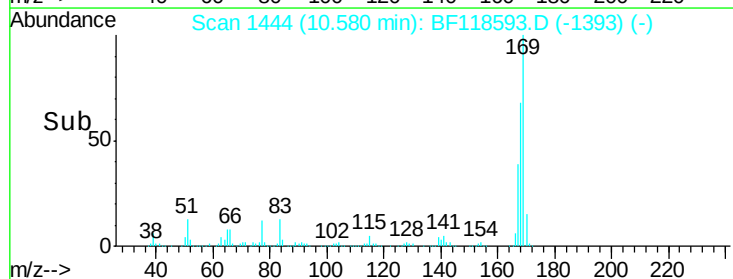
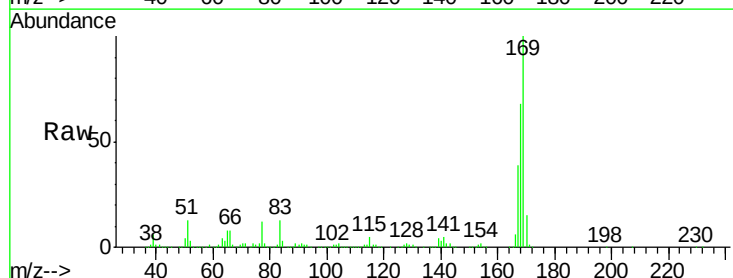
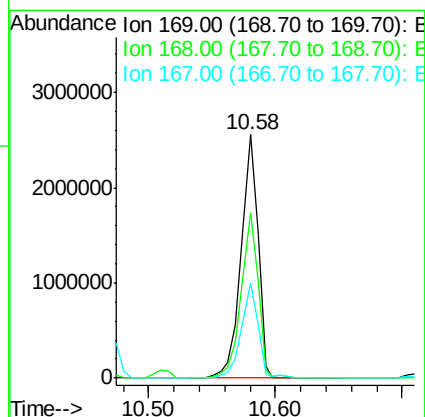
RT: 10.58 min Scan# 1444

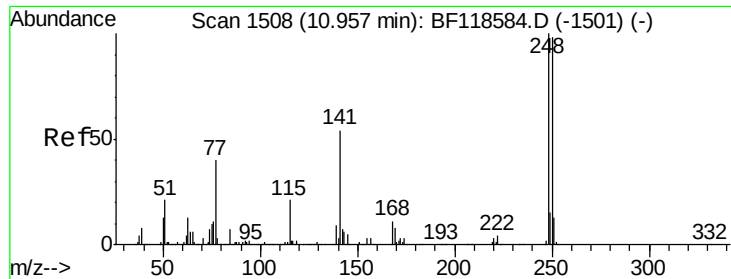
Delta R.T. -0.00 min

Lab File: BF118593.D

Acq: 20 Jan 2020 16:03

Tgt Ion:	169	Resp:	2331345
Ion Ratio	Lower	Upper	
169	100		
168	68.0	54.6	82.0
167	39.2	30.9	46.3





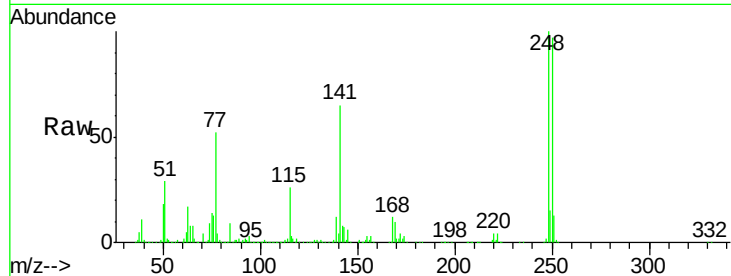
#67
4-Bromophenyl-phenylether
Concen: 41.569 ng
RT: 10.95 min Scan# 1507
Delta R.T. -0.01 min
Lab File: BF118593.D
Acq: 20 Jan 2020 16:03

Instrument :
BNA_F
ClientSampleId :
PB126190BS

Tot Ion	Ratio	Lower	Upper
248	100		
250	97.4	78.7	118.1
141	64.7	43.2	64.8

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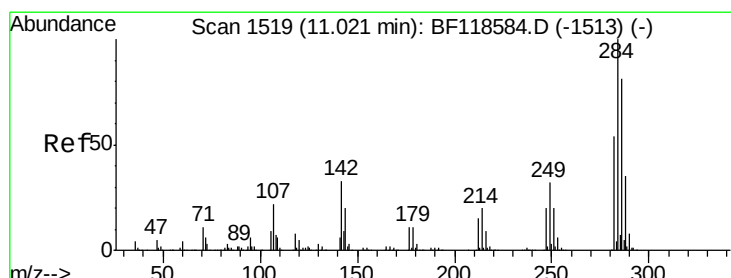
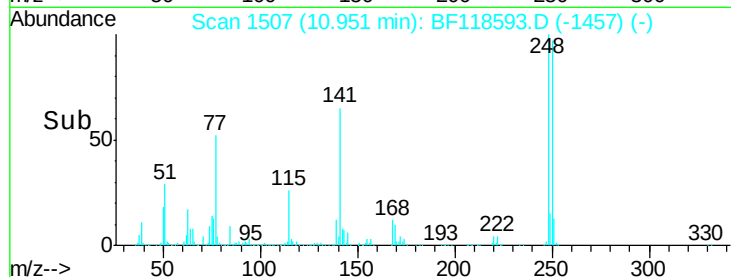
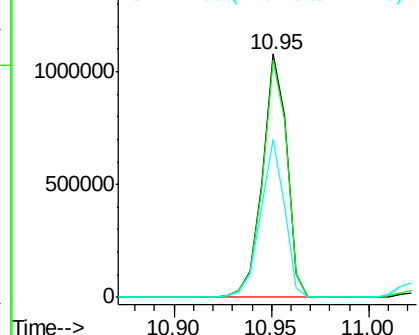


Abundance

Ion 248.00 (247.70 to 248.70): E

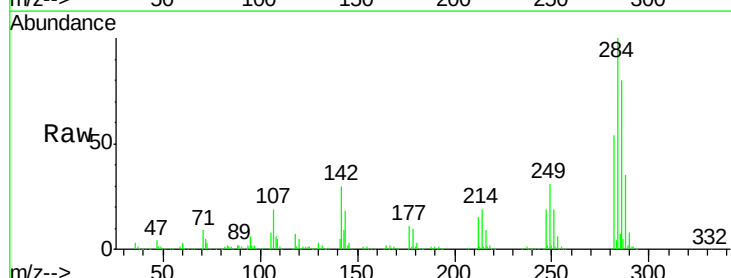
Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E



#68
Hexachlorobenzene
Concen: 40.355 ng
RT: 11.02 min Scan# 1519
Delta R.T. -0.00 min
Lab File: BF118593.D
Acq: 20 Jan 2020 16:03

Tgt Ion	Ratio	Lower	Upper
284	100		
142	30.4	26.6	39.8
249	30.8	25.2	37.8

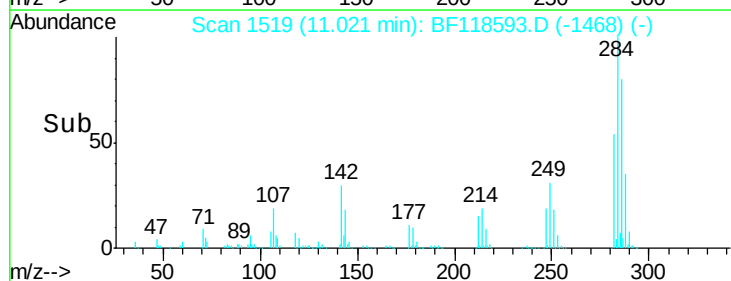
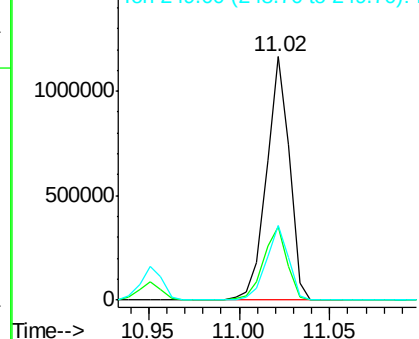


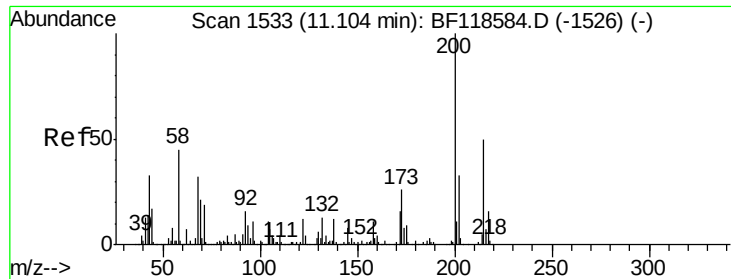
Abundance

Ion 283.80 (283.50 to 284.50): E

Ion 142.00 (141.70 to 142.70): E

Ion 249.00 (248.70 to 249.70): E





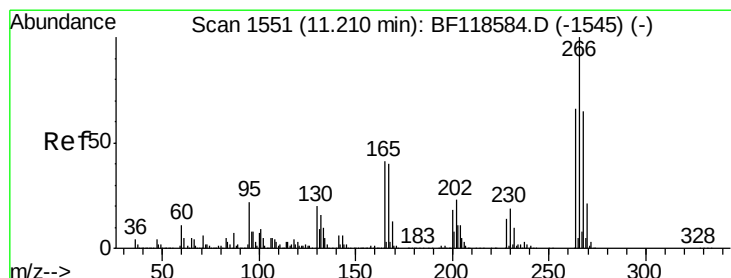
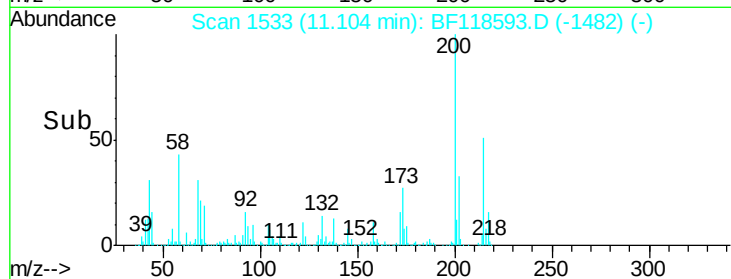
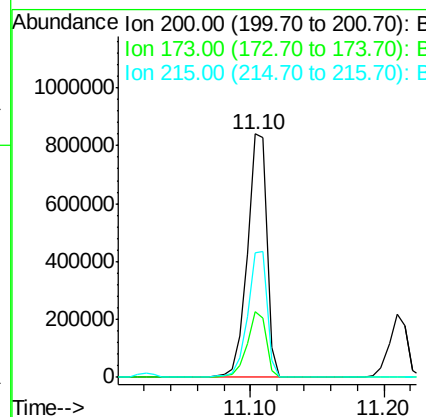
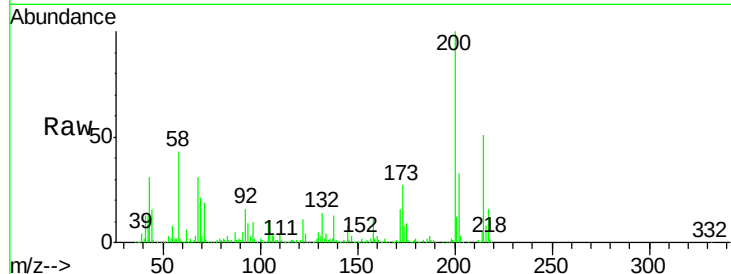
#69
Atrazine
Concen: 44.524 ng
RT: 11.10 min Scan# 1533
Delta R.T. -0.00 min
Lab File: BF118593.D
Acq: 20 Jan 2020 16:03

Instrument :
BNA_F
ClientSampled :
PB126190BS

Tot Ion	Ratio	Lower	Upper
200	100		
173	27.1	6.3	46.3
215	50.9	30.2	70.2

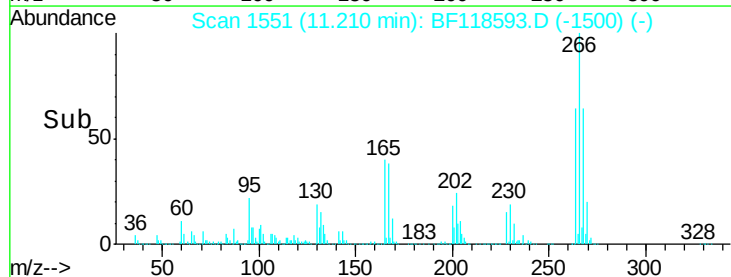
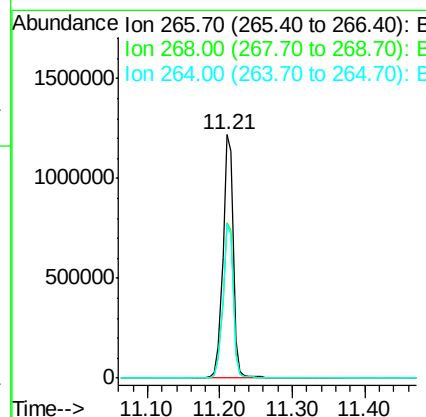
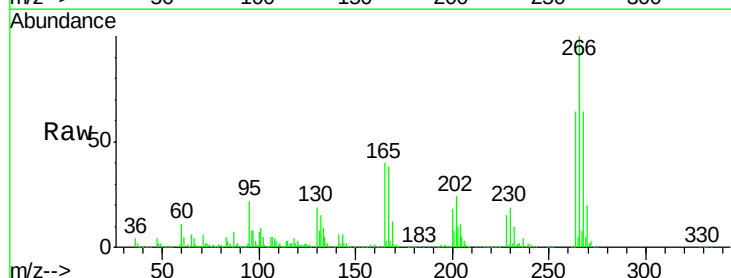
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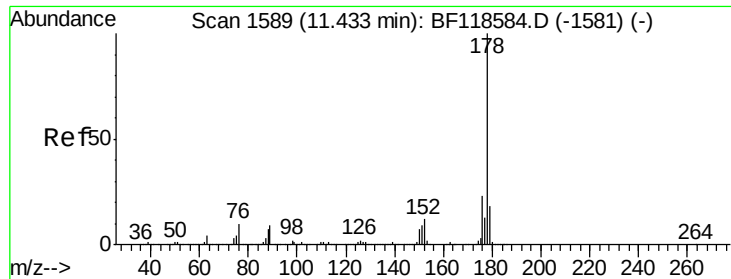
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#70
Pentachlorophenol
Concen: 86.708 ng
RT: 11.21 min Scan# 1551
Delta R.T. -0.00 min
Lab File: BF118593.D
Acq: 20 Jan 2020 16:03

Tgt Ion	Ratio	Lower	Upper
266	100		
268	63.6	52.1	78.1
264	63.5	52.4	78.6





#71

Phenanthrene

Concen: 42.736 ng

RT: 11.43 min Scan# 1589

Delta R.T. -0.00 min

Lab File: BF118593.D

Acq: 20 Jan 2020 16:03

Instrument :

BNA_F

ClientSampleId :

PB126190BS

Tot Ion:178 Resp: 3742123

Ion Ratio Lower Upper

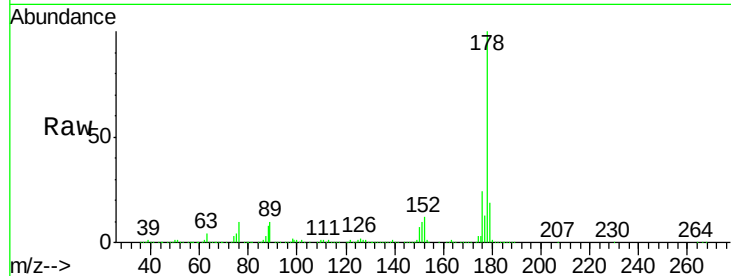
178 100

176 23.8 18.6 27.8

179 18.6 14.7 22.1

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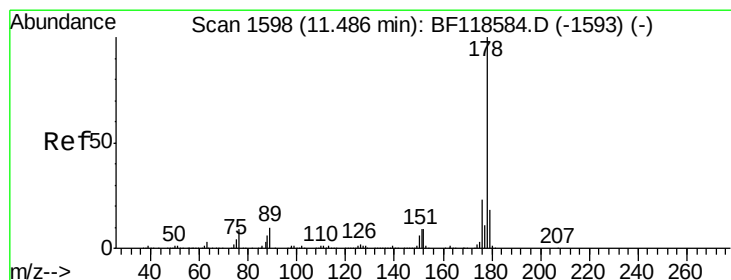
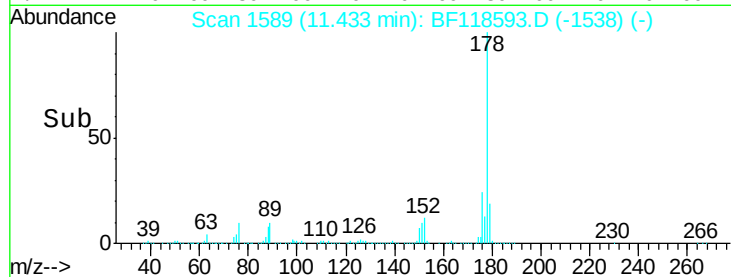
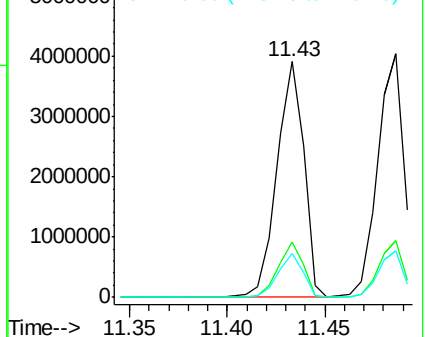
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Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E



#72

Anthracene

Concen: 43.481 ng

RT: 11.49 min Scan# 1598

Delta R.T. -0.00 min

Lab File: BF118593.D

Acq: 20 Jan 2020 16:03

Tgt Ion:178 Resp: 3767377

Ion Ratio Lower Upper

178 100

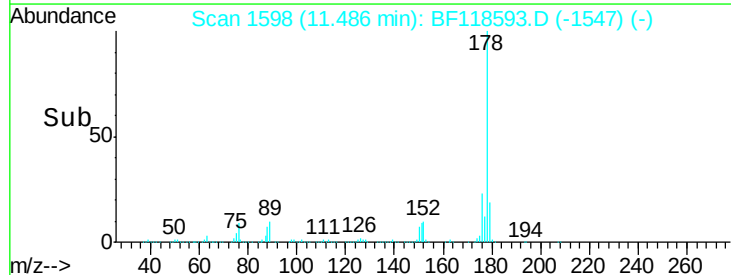
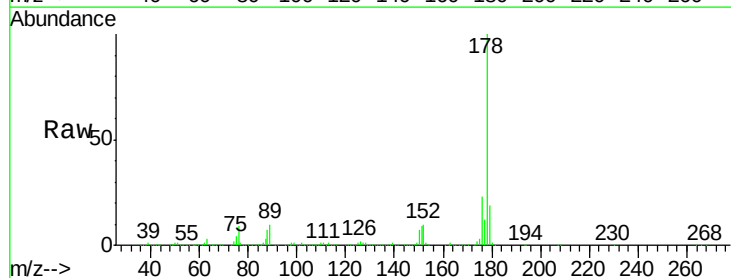
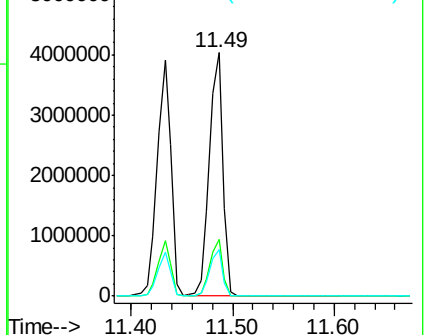
176 23.1 18.0 27.0

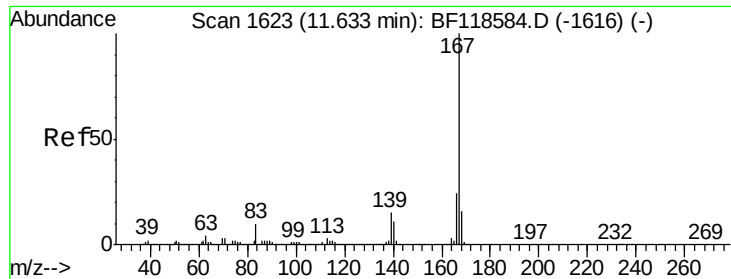
179 19.0 14.7 22.1

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: 42.711 ng

RT: 11.63 min Scan# 1623

Delta R.T. -0.00 min

Lab File: BF118593.D

Acq: 20 Jan 2020 16:03

Instrument :

BNA_F

ClientSampleId :

PB126190BS

Tot Ion:167 Resp: 3394371

Ion Ratio Lower Upper

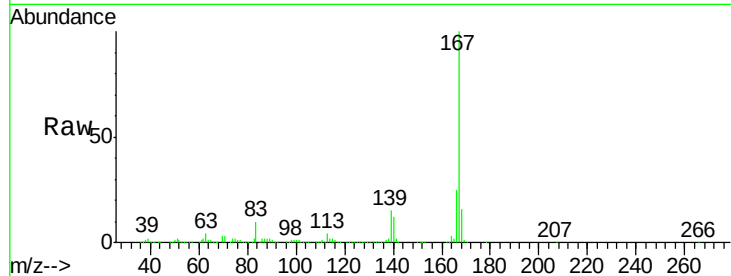
167 100

166 25.0 19.4 29.2

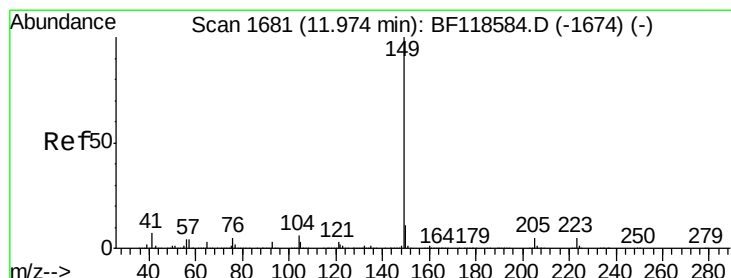
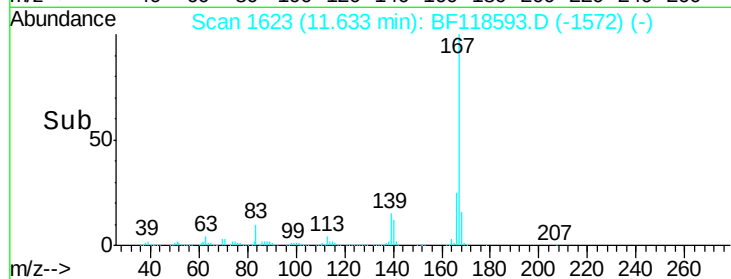
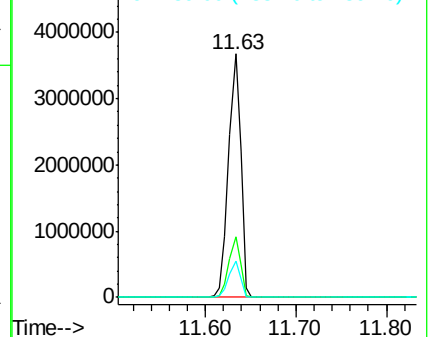
139 15.0 11.7 17.5

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Abundance Ion 167.00 (166.70 to 167.70): E
5000000
Ion 166.00 (165.70 to 166.70): E
Ion 139.00 (138.70 to 139.70): E



#74

Di-n-butylphthalate

Concen: 42.481 ng

RT: 11.97 min Scan# 1680

Delta R.T. -0.01 min

Lab File: BF118593.D

Acq: 20 Jan 2020 16:03

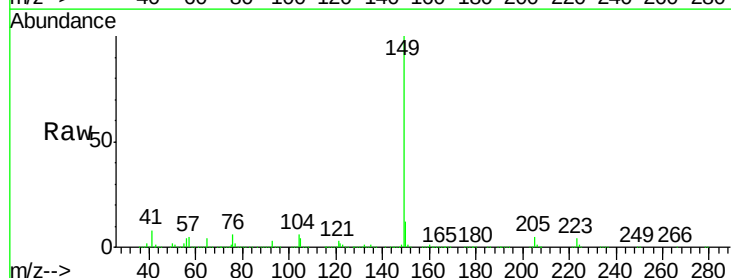
Tgt Ion:149 Resp: 3750933

Ion Ratio Lower Upper

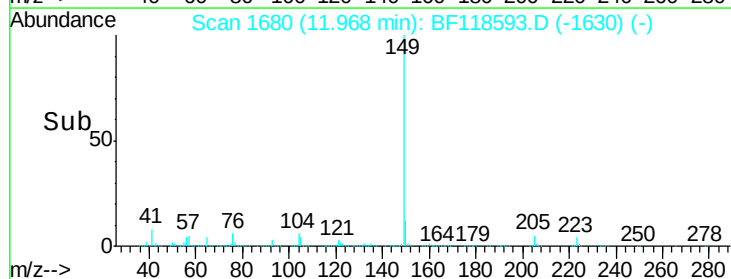
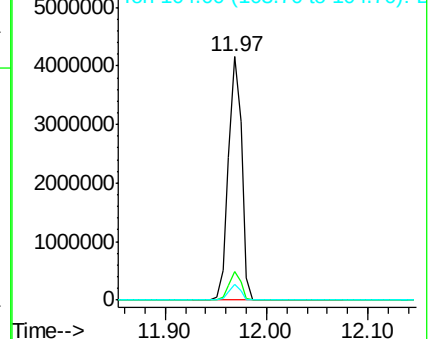
149 100

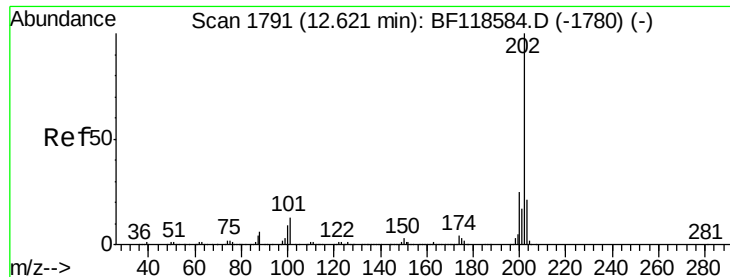
150 11.5 8.7 13.1

104 6.3 4.6 6.8



Abundance Ion 149.00 (148.70 to 149.70): E
5000000
Ion 150.00 (149.70 to 150.70): E
Ion 104.00 (103.70 to 104.70): E





#75

Fluoranthene

Concen: 42.305 ng

RT: 12.62 min Scan# 1791

Delta R.T. -0.00 min

Lab File: BF118593.D

Acq: 20 Jan 2020 16:03

Instrument :

BNA_F

ClientSampled :

PB126190BS

Tot Ion:202 Resp: 3907051

Ion Ratio Lower Upper

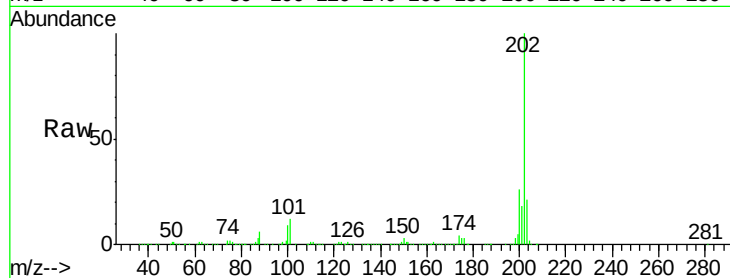
202 100

101 11.6 0.0 32.5

203 21.4 0.8 40.8

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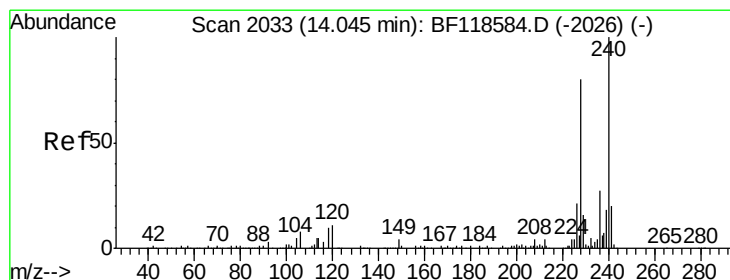
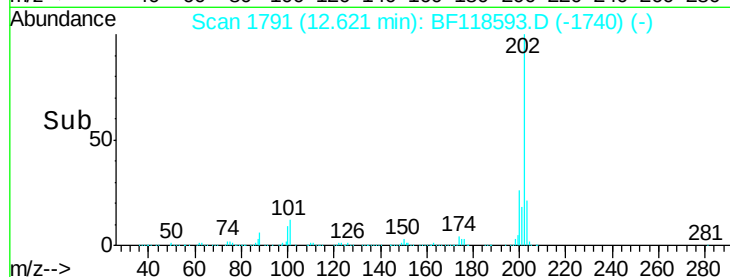
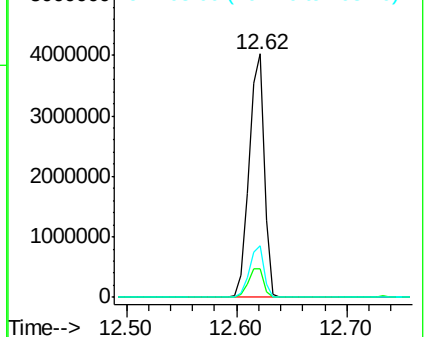
mohammad
1/21/2020 2:26:03 PM



Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E



#76

Chrysene-d12

Concen: 20.000 ng

RT: 14.04 min Scan# 2033

Delta R.T. -0.00 min

Lab File: BF118593.D

Acq: 20 Jan 2020 16:03

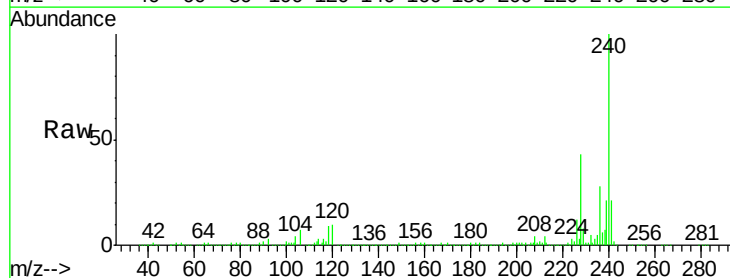
Tgt Ion:240 Resp: 1445424

Ion Ratio Lower Upper

240 100

120 10.3 8.9 13.3

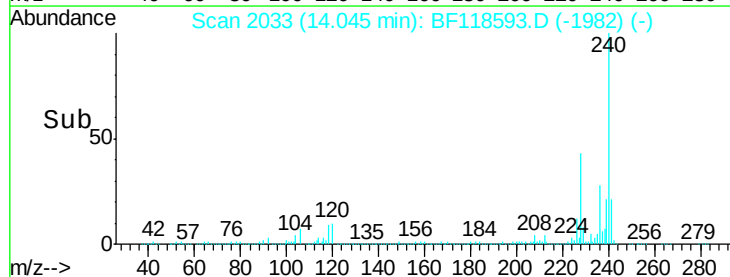
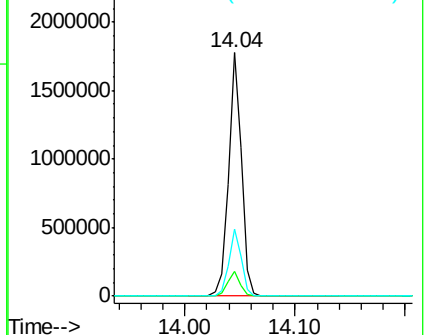
236 27.6 21.5 32.3

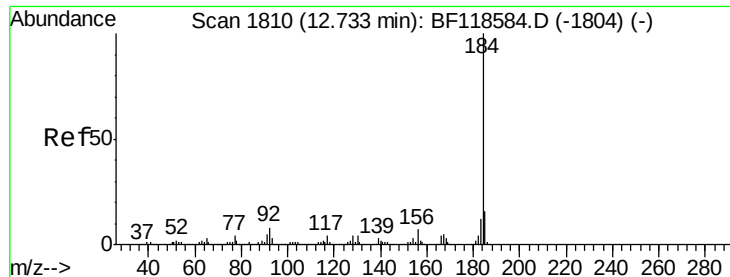


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#77

Benzidine

Concen: 59.608 ng

RT: 12.73 min Scan# 1810

Delta R.T. -0.00 min

Lab File: BF118593.D

Acq: 20 Jan 2020 16:03

Instrument :

BNA_F

ClientSampleId :

PB126190BS

Tot Ion:184 Resp: 2302105

Ion Ratio Lower Upper

184 100

185 18.5 12.9 19.3

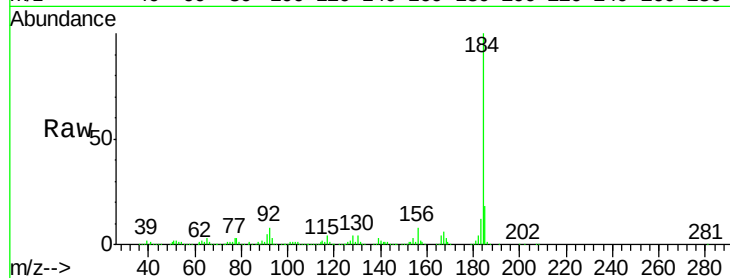
183 12.5 9.6 14.4

Manual Integrations

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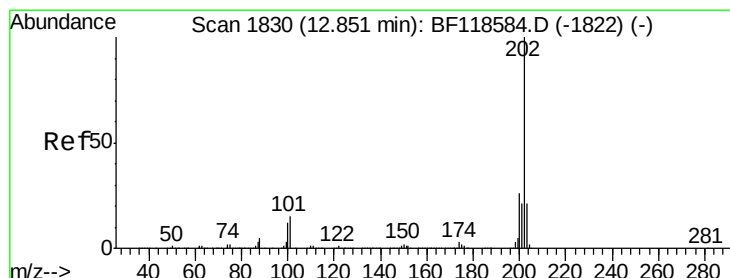
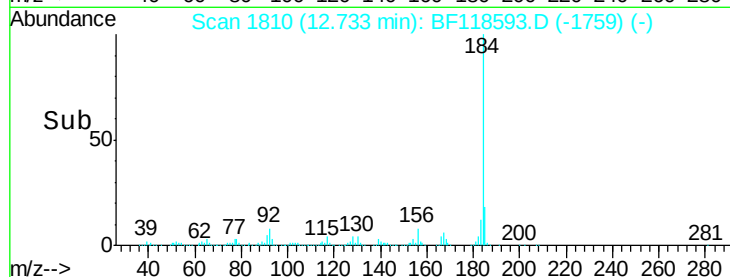
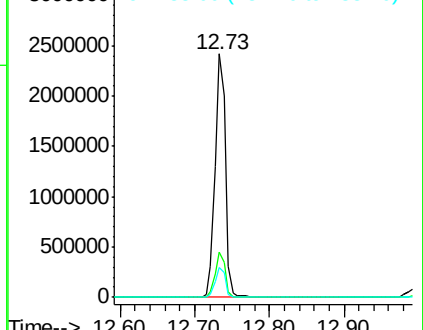
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Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E



#78

Pyrene

Concen: 40.718 ng

RT: 12.85 min Scan# 1830

Delta R.T. -0.00 min

Lab File: BF118593.D

Acq: 20 Jan 2020 16:03

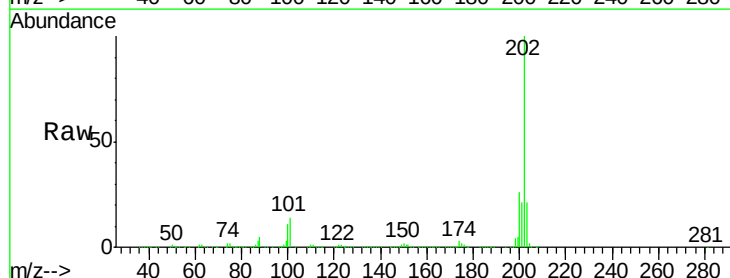
Tgt Ion:202 Resp: 3995672

Ion Ratio Lower Upper

202 100

200 26.2 20.6 31.0

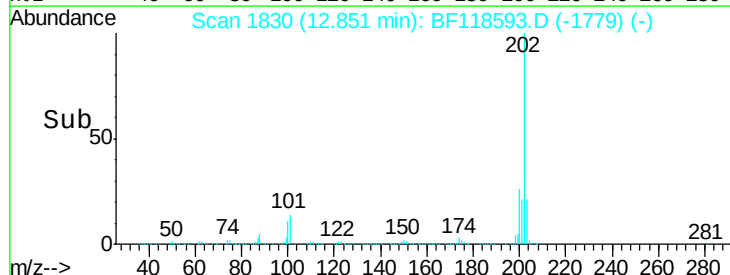
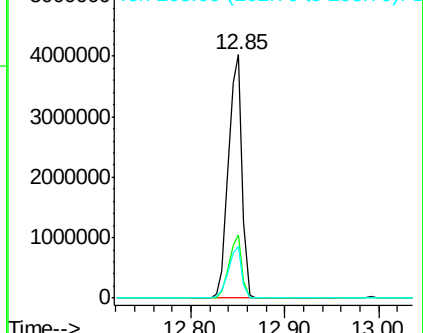
203 21.3 16.8 25.2

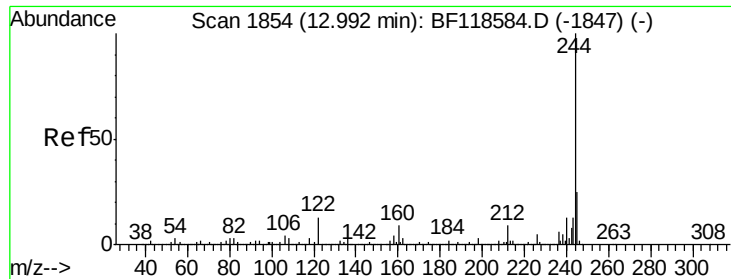


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E





#79

Terphenyl-d14

Concen: 74.641 ng

RT: 12.99 min Scan# 1854

Delta R.T. -0.00 min

Lab File: BF118593.D

Acq: 20 Jan 2020 16:03

Instrument :

BNA_F

ClientSampleId :

PB126190BS

Tot Ion:244 Resp: 4946491

Ion Ratio Lower Upper

244 100

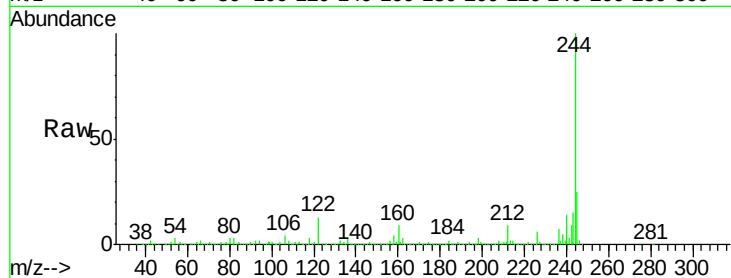
212 9.0 7.0 10.4

122 13.1 10.7 16.1

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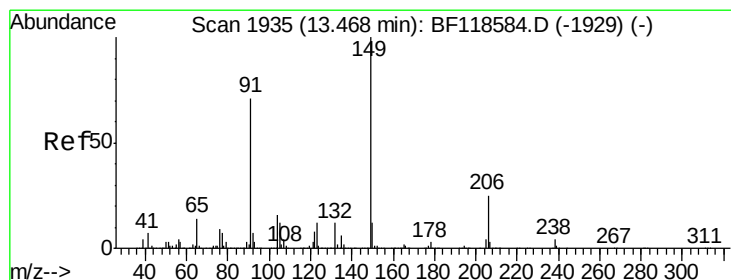
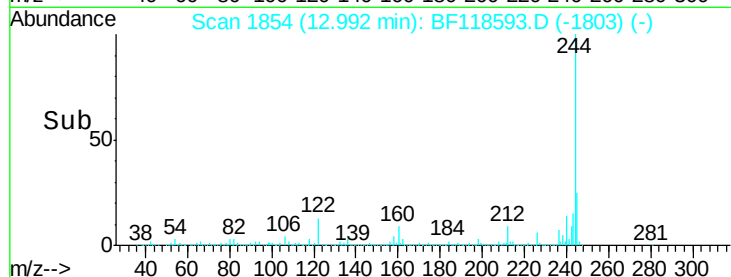
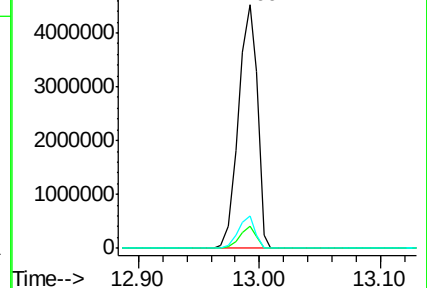
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Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E



#80

Butylbenzylphthalate

Concen: 41.003 ng

RT: 13.47 min Scan# 1935

Delta R.T. -0.00 min

Lab File: BF118593.D

Acq: 20 Jan 2020 16:03

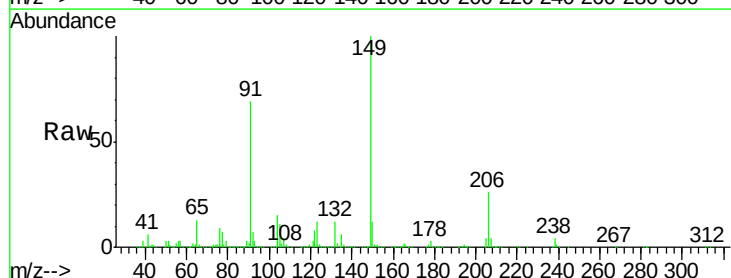
Tgt Ion:149 Resp: 1646733

Ion Ratio Lower Upper

149 100

91 68.9 56.5 84.7

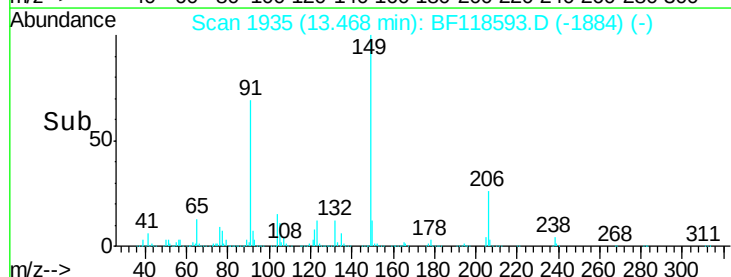
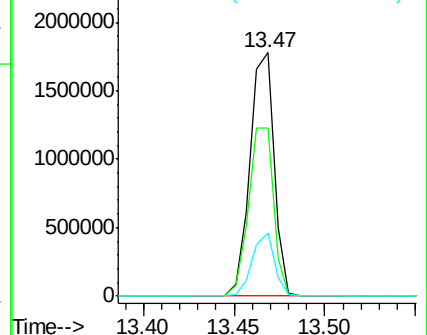
206 26.0 19.9 29.9

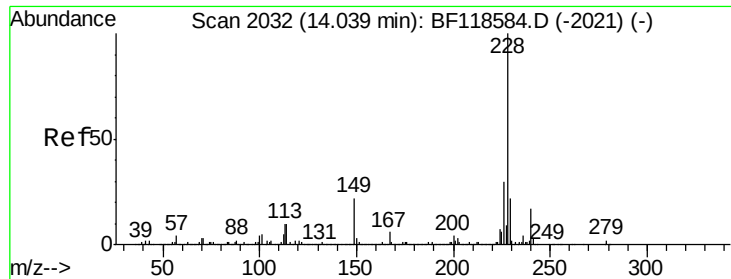


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BF1

Ion 206.00 (205.70 to 206.70): E





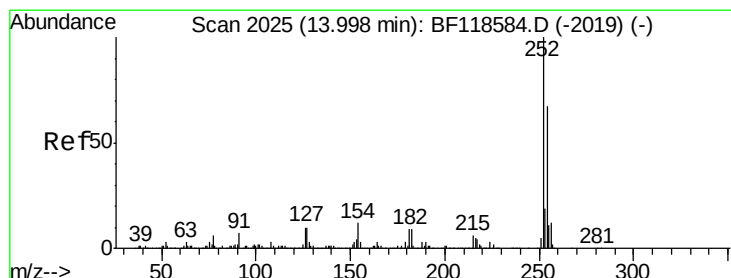
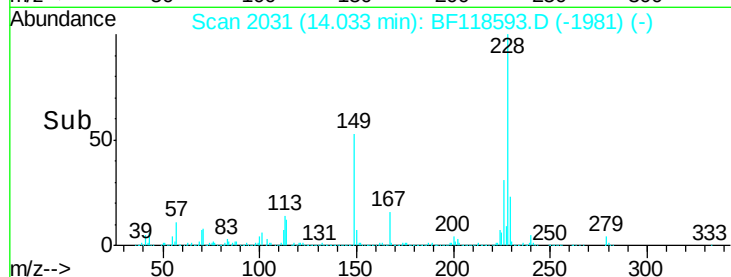
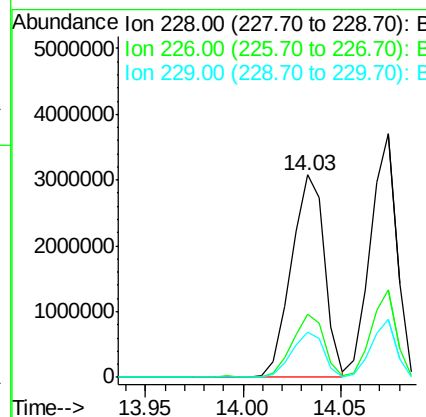
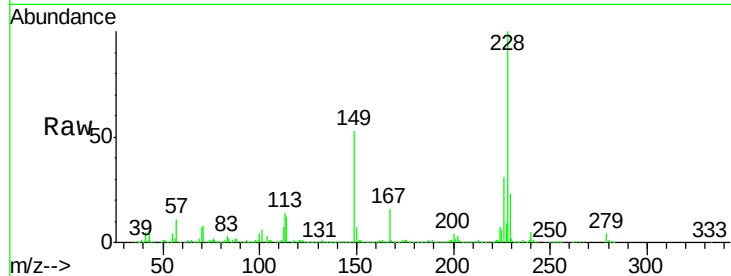
#81
Benzo(a)anthracene
Concen: 41.535 ng
RT: 14.03 min Scan# 2031
Delta R.T. -0.01 min
Lab File: BF118593.D
Acq: 20 Jan 2020 16:03

Instrument :
BNA_F
ClientSampleId :
PB126190BS

Tot Ion:228 Resp: 3611493
Ion Ratio Lower Upper
228 100
226 31.2 24.1 36.1
229 22.6 17.6 26.4

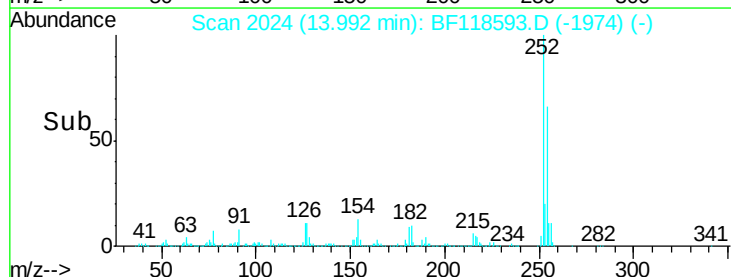
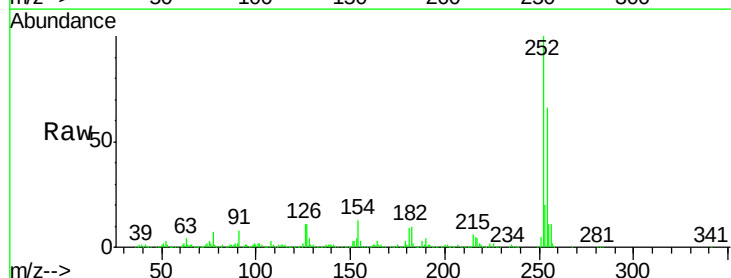
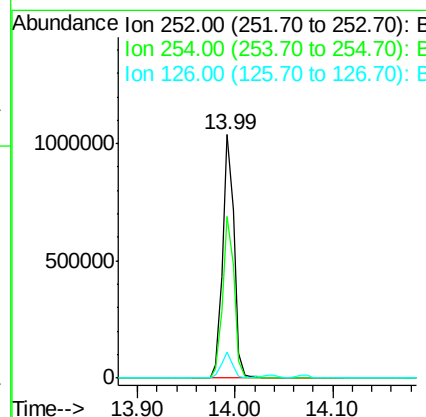
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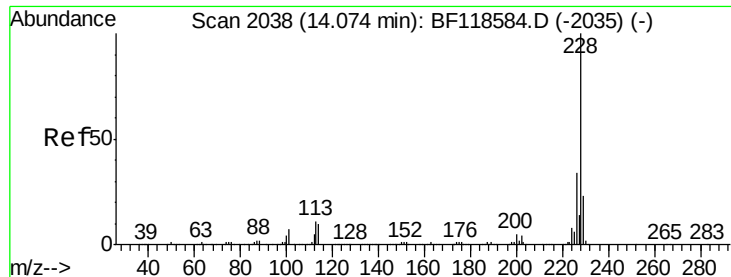
mohammad
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#82
3,3'-Dichlorobenzidine
Concen: 27.403 ng
RT: 13.99 min Scan# 2024
Delta R.T. -0.01 min
Lab File: BF118593.D
Acq: 20 Jan 2020 16:03

Tgt Ion:252 Resp: 849035
Ion Ratio Lower Upper
252 100
254 66.4 53.4 80.2
126 10.9 8.0 12.0





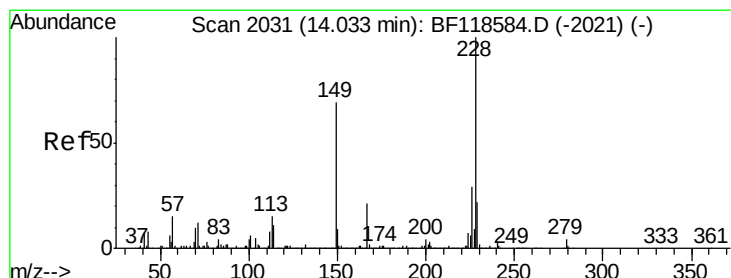
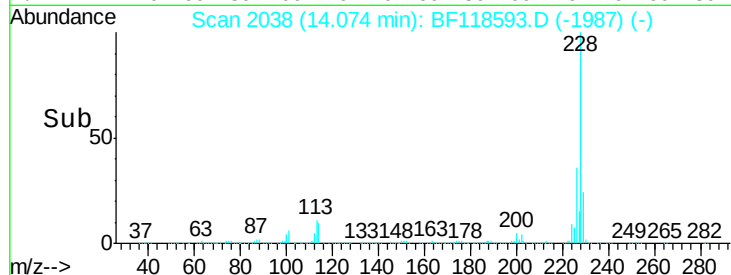
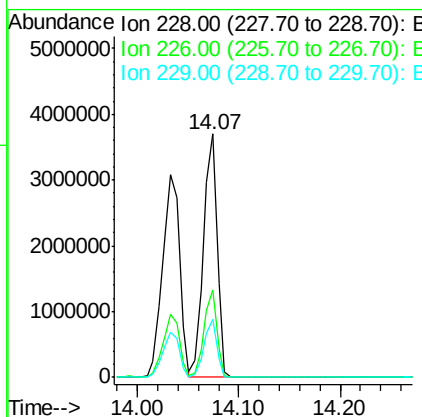
#83
Chrysene
Concen: 41.508 ng
RT: 14.07 min Scan# 2038
Delta R.T. -0.00 min
Lab File: BF118593.D
Acq: 20 Jan 2020 16:03

Instrument :
BNA_F
ClientSampleId :
PB126190BS

Tot Ion:228 Resp: 3459013
Ion Ratio Lower Upper
228 100
226 36.0 27.4 41.0
229 23.7 18.3 27.5

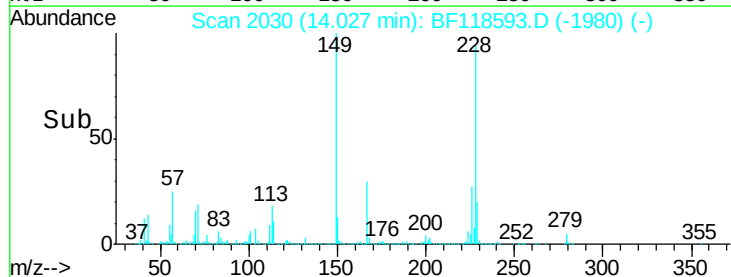
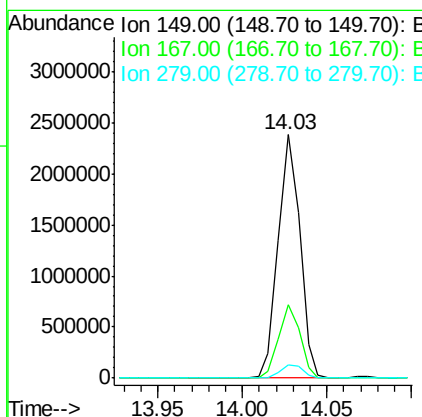
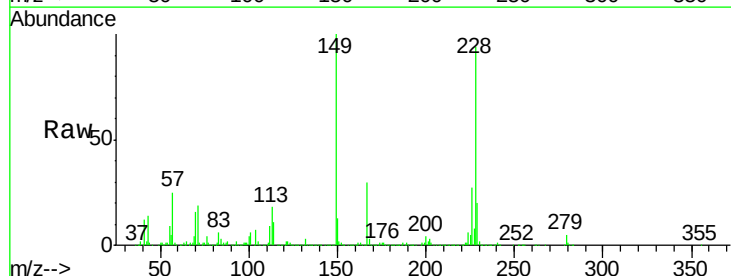
Manual Integrations
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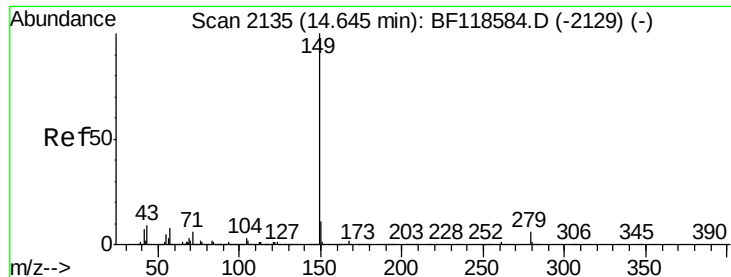
mohammad
1/21/2020 2:26:03 PM



#84
Bis(2-ethylhexyl)phthalate
Concen: 43.078 ng
RT: 14.03 min Scan# 2030
Delta R.T. -0.01 min
Lab File: BF118593.D
Acq: 20 Jan 2020 16:03

Tgt Ion:149 Resp: 2113660
Ion Ratio Lower Upper
149 100
167 30.2 24.2 36.4
279 5.5 5.0 7.4





#85

Di-n-octyl phthalate

Concen: 45.656 ng

RT: 14.64 min Scan# 2134

Delta R.T. -0.01 min

Lab File: BF118593.D

Acq: 20 Jan 2020 16:03

Instrument :

BNA_F

ClientSampleId :

PB126190BS

Tot Ion:149 Resp: 3315864

Ion Ratio Lower Upper

149 100

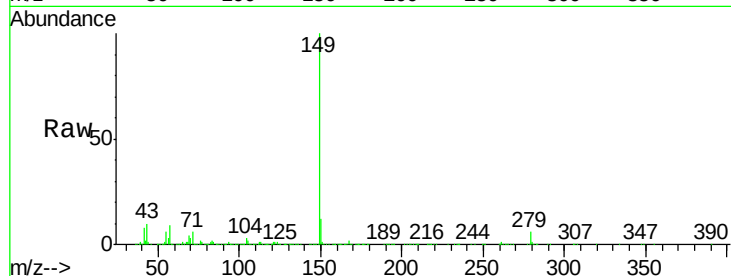
167 1.8 1.4 2.0

43 10.2 8.1 12.1

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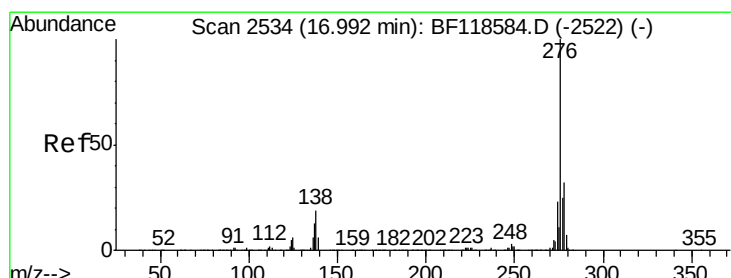
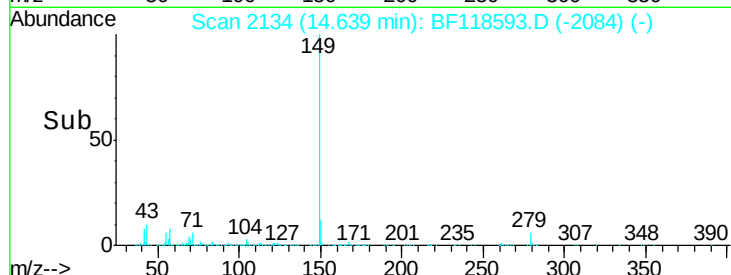
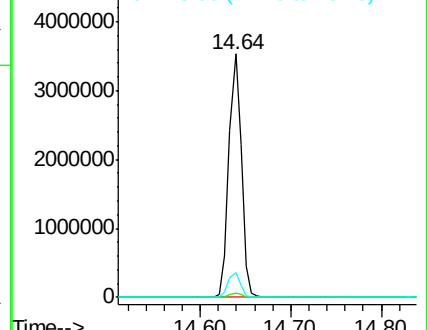
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Abundance Ion 149.00 (148.70 to 149.70): E

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: 39.944 ng

RT: 16.99 min Scan# 2534

Delta R.T. -0.00 min

Lab File: BF118593.D

Acq: 20 Jan 2020 16:03

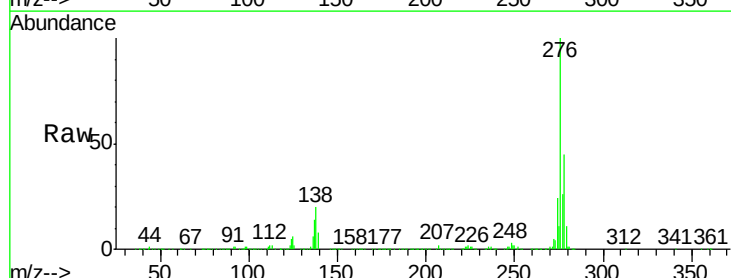
Tgt Ion:276 Resp: 2892293

Ion Ratio Lower Upper

276 100

138 21.7 17.2 25.8

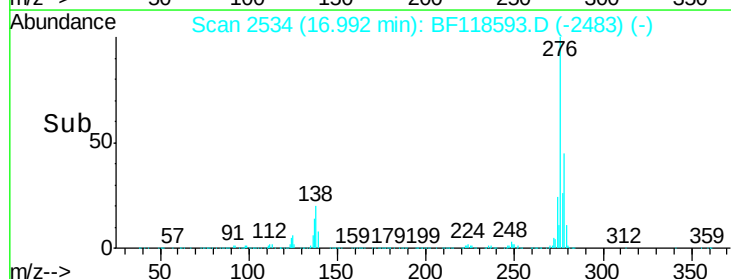
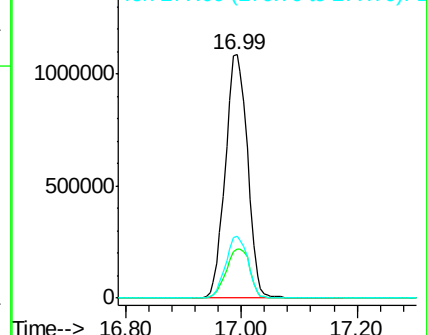
277 25.7 20.5 30.7

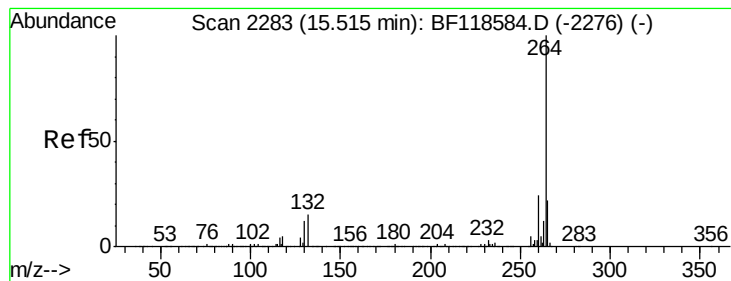


Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E





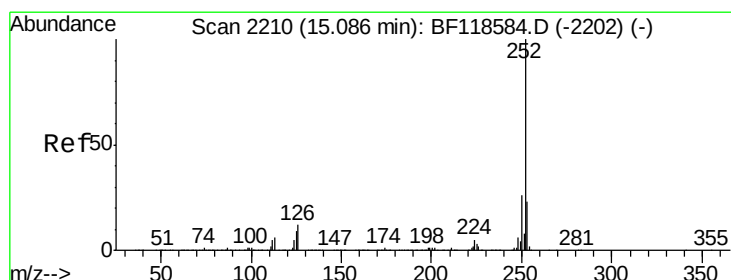
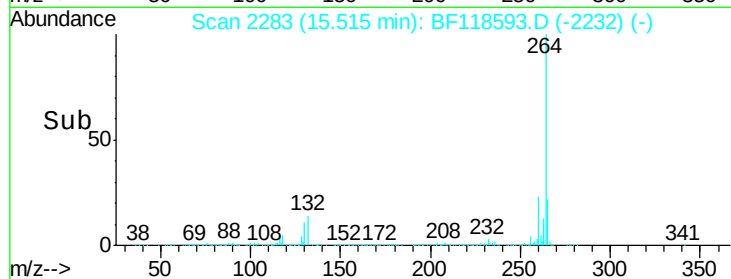
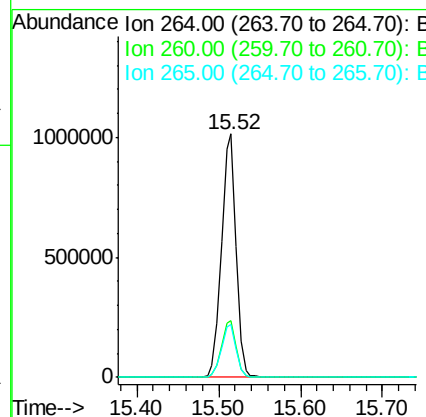
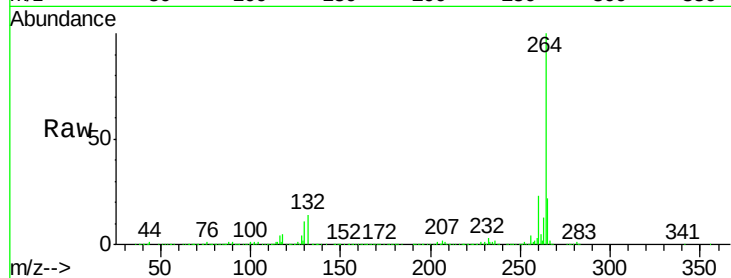
#87
Pervlene-d12
Concen: 20.000 ng
RT: 15.52 min Scan# 2283
Delta R.T. -0.00 min
Lab File: BF118593.D
Acq: 20 Jan 2020 16:03

Instrument :
BNA_F
ClientSampleId :
PB126190BS

Tot Ion	Ratio	Lower	Upper
264	100		
260	23.5	19.6	29.4
265	21.8	17.7	26.5

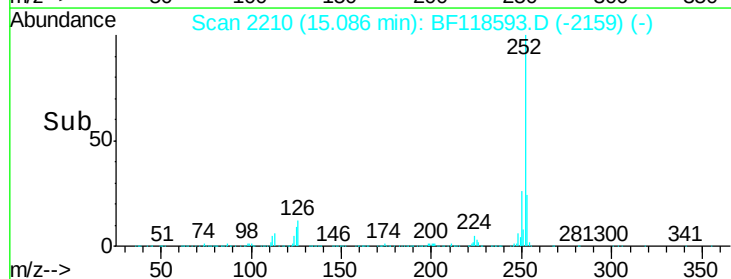
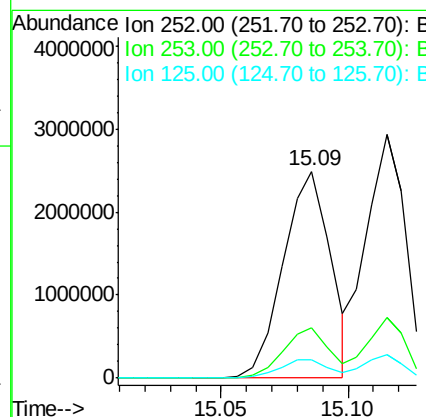
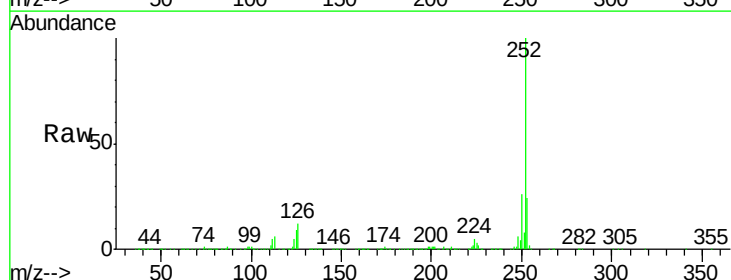
Manual Integrations
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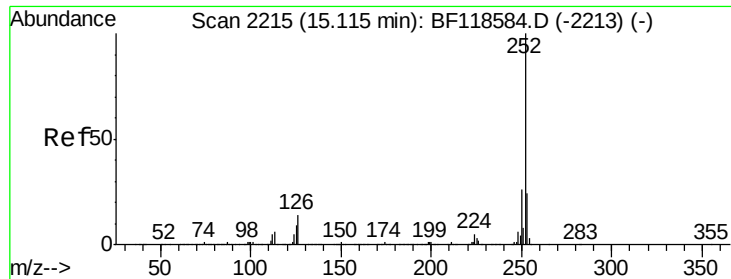
mohammad
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#88
Benzo(b)fluoranthene
Concen: 40.757 ng
RT: 15.09 min Scan# 2210
Delta R.T. -0.00 min
Lab File: BF118593.D
Acq: 20 Jan 2020 16:03

Tgt Ion	Ratio	Lower	Upper
252	100		
253	24.1	18.7	28.1
125	9.1	7.3	10.9





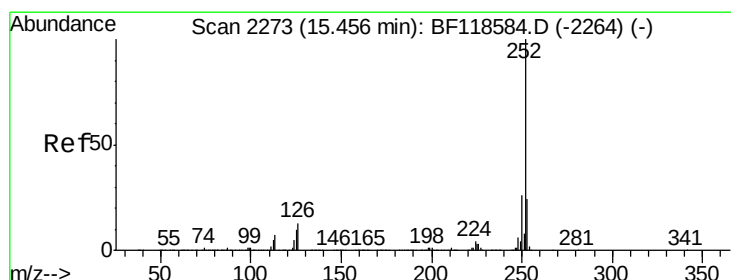
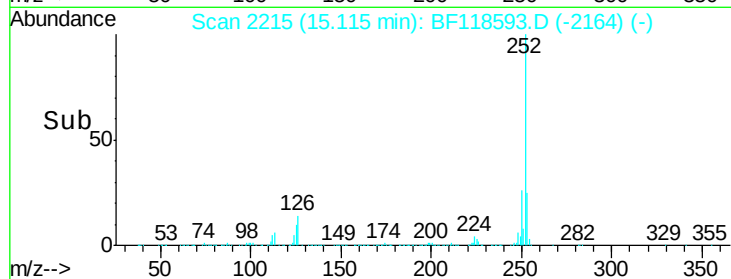
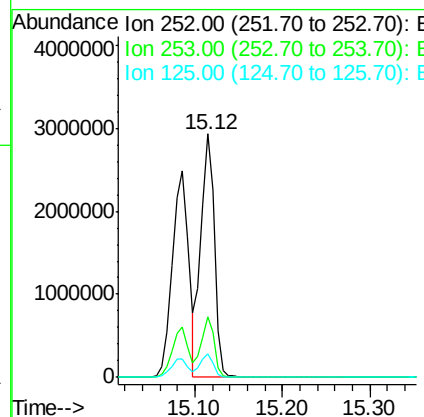
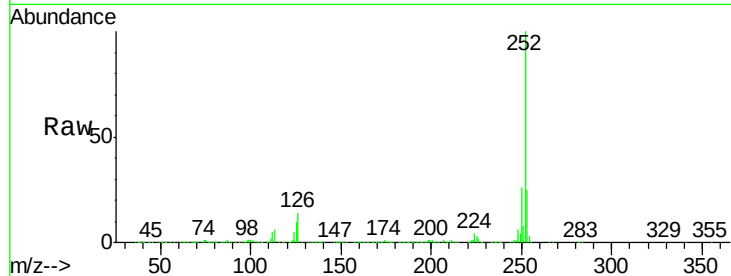
#89
Benzo(k)fluoranthene
Concen: 43.436 ng
RT: 15.12 min Scan# 2215
Delta R.T. -0.00 min
Lab File: BF118593.D
Acq: 20 Jan 2020 16:03

Instrument :
BNA_F
ClientSampleId :
PB126190BS

Tot Ion	Ratio	Lower	Upper
252	100		
253	24.7	19.0	28.4
125	9.7	7.6	11.4

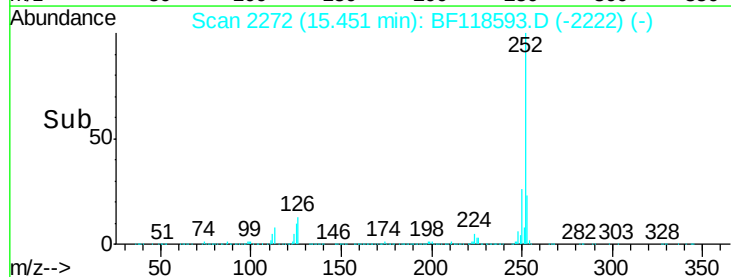
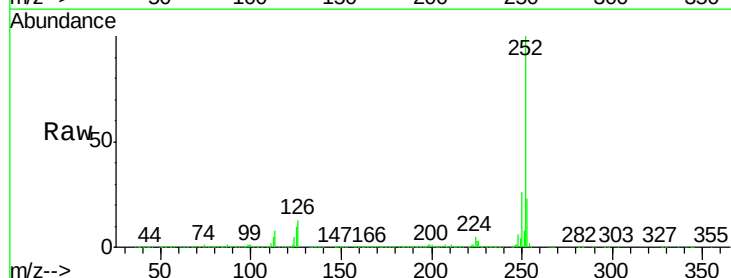
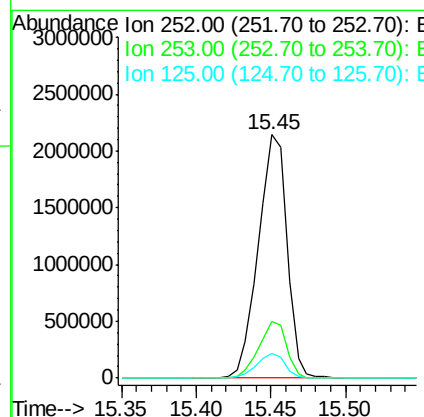
Manual Integrations
APPROVED

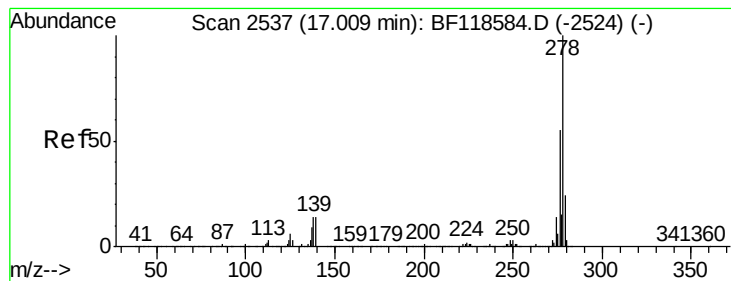
mohammad
1/21/2020 2:26:03 PM



#90
Benzo(a)pyrene
Concen: 41.311 ng
RT: 15.45 min Scan# 2272
Delta R.T. -0.01 min
Lab File: BF118593.D
Acq: 20 Jan 2020 16:03

Tgt Ion	Ratio	Lower	Upper
252	100		
253	23.3	18.8	28.2
125	10.4	7.8	11.6





#91

Dibenzo(a,h)anthracene

Concen: 40.353 ng

RT: 17.01 min Scan# 2537

Delta R.T. -0.00 min

Lab File: BF118593.D

Acq: 20 Jan 2020 16:03

Instrument :

BNA_F

ClientSampleId :

PB126190BS

Tot Ion:278 Resp: 2447236

Ion Ratio Lower Upper

278 100

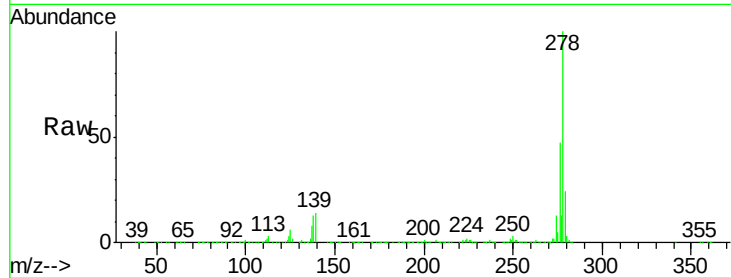
139 13.8 11.4 17.0

279 24.2 19.0 28.6

Manual Integrations
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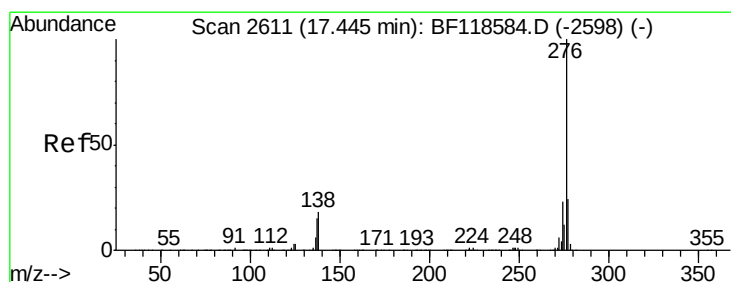
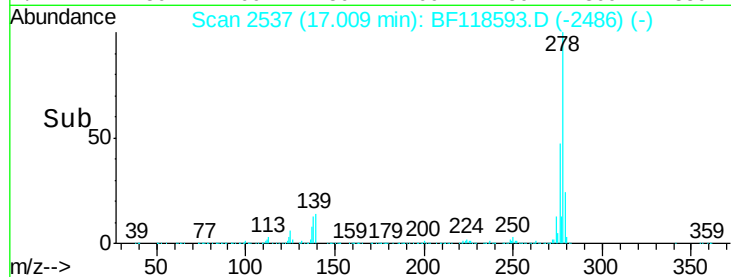
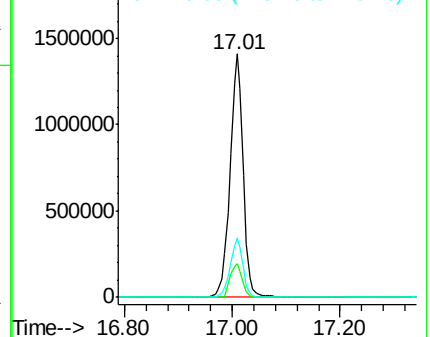
1/21/2020 2:26:03 PM



Abundance Ion 278.00 (277.70 to 278.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 279.00 (278.70 to 279.70): E



#92

Benzo(g,h,i)perylene

Concen: 40.322 ng

RT: 17.44 min Scan# 2610

Delta R.T. -0.01 min

Lab File: BF118593.D

Acq: 20 Jan 2020 16:03

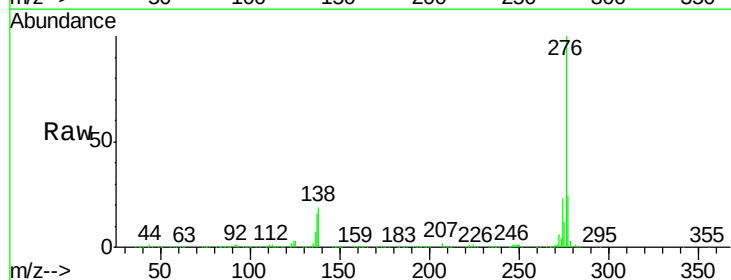
Tgt Ion:276 Resp: 2374288

Ion Ratio Lower Upper

276 100

277 23.7 18.9 28.3

138 18.9 14.4 21.6



Abundance Ion 276.00 (275.70 to 276.70): E

Ion 277.00 (276.70 to 277.70): E

Ion 138.00 (137.70 to 138.70): E

