

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF051820\
 Data File : BF120344.D
 Acq On : 18 May 2020 16:23
 Operator : MA/SJ
 Sample : PB128942BSD
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB128942BSD

Manual Integrations
 APPROVED

mohammad
 5/19/2020 3:05:13 PM

Quant Time: May 18 16:58:18 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF051420.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon May 18 15:23:07 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.60	152	350095	20.00	ng	0.00
21) Naphthalene-d8	7.89	136	1332983	20.00	ng	0.00
39) Acenaphthene-d10	9.64	164	616843	20.00	ng	0.00
64) Phenanthrene-d10	11.12	188	1052608	20.00	ng	0.00
76) Chrysene-d12	13.76	240	745118	20.00	ng	0.00
87) Perylene-d12	15.14	264	810287	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.23	112	1387048	77.09	ng	0.02
7) Phenol-d6	6.26	99	1712043	75.24	ng	0.00
23) Nitrobenzene-d5	7.17	82	1610787	82.74	ng	0.00
42) 2,4,6-Tribromophenol	10.43	330	388763	77.30	ng	0.00
45) 2-Fluorobiphenyl	8.97	172	2767614	92.18	ng	0.00
79) Terphenyl-d14	12.71	244	2804309	83.15	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.34	88	305000	42.612	ng	98
3) Pyridine	2.99	79	700657	31.141	ng	96
4) n-Nitrosodimethylamine	2.95	42	353914	40.172	ng	99
6) Aniline	6.26	93	746612	25.657	ng	97
8) 2-Chlorophenol	6.39	128	818602	39.019	ng	96
9) Benzaldehyde	6.15	77	501647	35.763	ng	97
10) Phenol	6.27	94	997039	37.536	ng	# 78
11) bis(2-Chloroethyl)ether	6.35	93	761906	35.909	ng	99
12) 1,3-Dichlorobenzene	6.54	146	829879	36.967	ng	99
13) 1,4-Dichlorobenzene	6.62	146	866643	37.482	ng	98
14) 1,2-Dichlorobenzene	6.77	146	770951	37.027	ng	98
15) Benzyl Alcohol	6.76	79	627769	38.834	ng	98
16) 2,2'-oxybis(1-Chloropropan	6.89	45	1266289	37.870	ng	92
17) 2-Methylphenol	6.88	107	649370	36.666	ng	95
18) Hexachloroethane	7.11	117	313494	35.591	ng	98
19) n-Nitroso-di-n-propylamine	7.03	70	539966	36.223	ng	95
20) 3+4-Methylphenols	7.03	107	816156	35.444	ng	97
22) Acetophenone	7.02	105	1088086	39.845	ng	97
24) Nitrobenzene	7.19	77	813077	38.805	ng	99
25) Isophorone	7.43	82	1529468	37.756	ng	99
26) 2-Nitrophenol	7.51	139	449061	40.979	ng	98
27) 2,4-Dimethylphenol	7.56	122	683035	42.848	ng	96
28) bis(2-Chloroethoxy)methane	7.65	93	985158	38.691	ng	99
29) 2,4-Dichlorophenol	7.76	162	636037	38.849	ng	98
30) 1,2,4-Trichlorobenzene	7.83	180	725678	39.999	ng	99
31) Naphthalene	7.91	128	2298038	40.848	ng	99
32) Benzoic acid	7.72	122	384695	36.817	ng	96
33) 4-Chloroaniline	7.97	127	529372	20.648	ng	99
34) Hexachlorobutadiene	8.03	225	397306	37.888	ng	97
35) Caprolactam	8.35	113	190775m	35.618	ng	
36) 4-Chloro-3-methylphenol	8.47	107	662233	37.391	ng	97
37) 2-Methylnaphthalene	8.60	142	1439464	37.390	ng	98
38) 1-Methylnaphthalene	8.70	142	1374194	36.803	ng	100
40) 1,2,4,5-Tetrachlorobenzene	8.77	216	642226	41.290	ng	99

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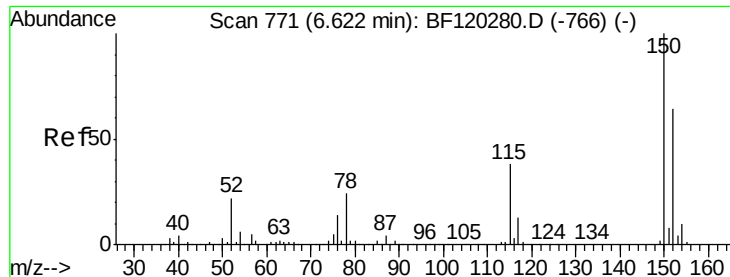
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Quant Time: May 18 16:58:18 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF051420.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon May 18 15:23:07 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	8.75	237	543740	84.353	nq	100
43) 2,4,6-Trichlorophenol	8.89	196	410605	39.328	nq	99
44) 2,4,5-Trichlorophenol	8.94	196	446628	37.250	nq	98
46) 1,1'-Biphenyl	9.07	154	1722284	42.614	nq	99
47) 2-Chloronaphthalene	9.09	162	1302886	40.188	nq	98
48) 2-Nitroaniline	9.20	65	469910	39.726	nq	96
49) Acenaphthylene	9.50	152	2050240	41.400	nq	99
50) Dimethylphthalate	9.38	163	1506813	38.643	nq	99
51) 2,6-Dinitrotoluene	9.44	165	336402	38.654	nq	97
52) Acenaphthene	9.67	154	1210835	40.790	nq	100
53) 3-Nitroaniline	9.60	138	226395	21.814	nq	95
54) 2,4-Dinitrophenol	9.72	184	292557	71.215	nq	97
55) Dibenzofuran	9.85	168	1747725	40.885	nq	99
56) 4-Nitrophenol	9.80	139	431995	77.466	nq	99
57) 2,4-Dinitrotoluene	9.85	165	421287	41.266	nq	96
58) Fluorene	10.19	166	1355275	41.630	nq	99
59) 2,3,4,6-Tetrachlorophenol	9.97	232	361661	40.081	nq	99
60) Diethylphthalate	10.07	149	1493157	39.664	nq	99
61) 4-Chlorophenyl-phenylether	10.19	204	649215	38.356	nq	93
62) 4-Nitroaniline	10.23	138	354334	36.665	nq	99
63) Azobenzene	10.35	77	1393057	39.154	nq	96
65) 4,6-Dinitro-2-methylphenol	10.26	198	225935	42.442	nq	98
66) n-Nitrosodiphenylamine	10.31	169	1240959	42.613	nq	99
67) 4-Bromophenyl-phenylether	10.67	248	386848	37.873	nq	95
68) Hexachlorobenzene	10.74	284	418867	39.198	nq	93
69) Atrazine	10.84	200	324665	37.259	nq	100
70) Pentachlorophenol	10.94	266	352312	77.520	nq	98
71) Phenanthrene	11.15	178	1829683	41.367	nq	99
72) Anthracene	11.20	178	2007954	42.406	nq	98
73) Carbazole	11.36	167	1778011	40.188	nq	99
74) Di-n-butylphthalate	11.69	149	2199882	41.258	nq	98
75) Fluoranthene	12.33	202	2217386	46.773	nq	99
77) Benzidine	12.46	184	998592	45.894	nq	96
78) Pyrene	12.56	202	2237896	42.129	nq	99
80) Butylbenzylphthalate	13.19	149	992395	39.675	nq	98
81) Benzo(a)anthracene	13.75	228	1576822	40.123	nq	99
82) 3,3'-Dichlorobenzidine	13.72	252	380324	25.680	nq	97
83) Chrysene	13.79	228	1823632	43.213	nq	99
84) Bis(2-ethylhexyl)phthalate	13.75	149	1164867	37.431	nq	98
85) Di-n-octyl phthalate	14.36	149	2204679	39.380	nq	99
86) Indeno(1,2,3-cd)pyrene	16.46	276	1642627	42.887	nq	100
88) Benzo(b)fluoranthene	14.76	252	1789603	40.441	nq	97
89) Benzo(k)fluoranthene	14.79	252	1558459	40.650	nq	99
90) Benzo(a)pyrene	15.09	252	1413351	35.613	nq	99
91) Dibenzo(a,h)anthracene	16.47	278	1382643	39.327	nq	100
92) Benzo(g,h,i)perylene	16.85	276	1395816	39.371	nq	98

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



#1

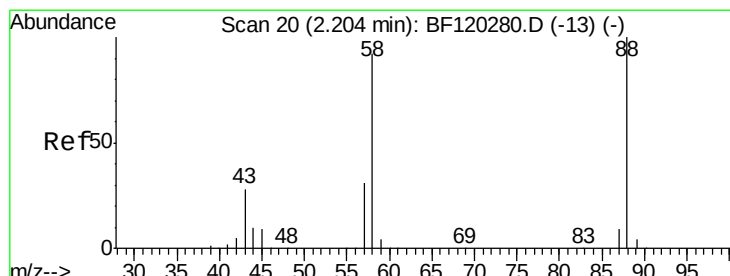
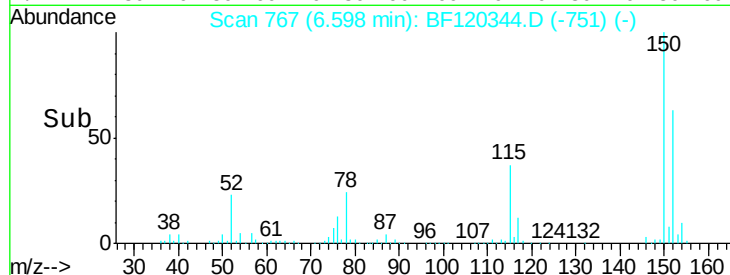
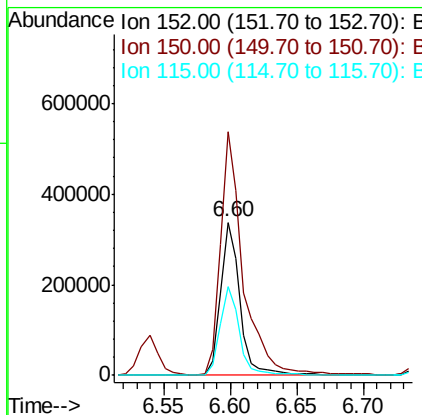
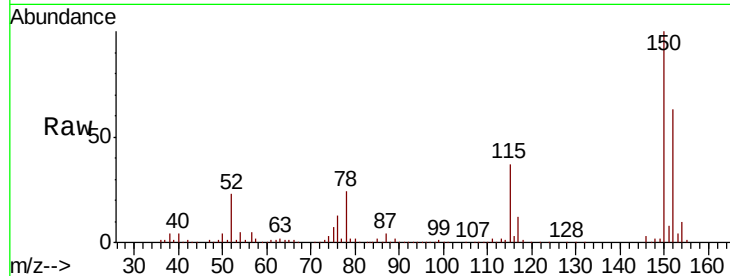
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.60 min Scan# 767
Delta R.T. -0.01 min
Lab File: BF120344.D
Acq: 18 May 2020 16:23

Instrument :
BNA_F
ClientSampleId :
PB128942BSD

Tot Ion	Ratio	Lower	Upper
152	100		
150	159.0	126.2	189.2
115	58.3	47.9	71.9

Manual Integrations
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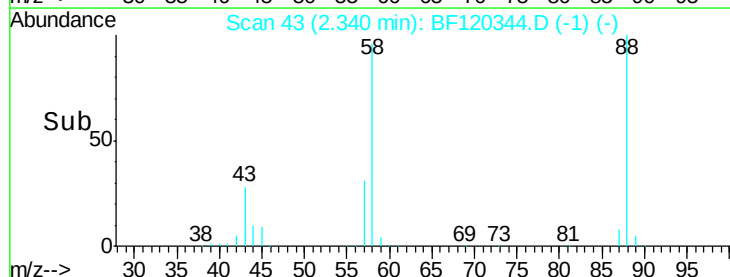
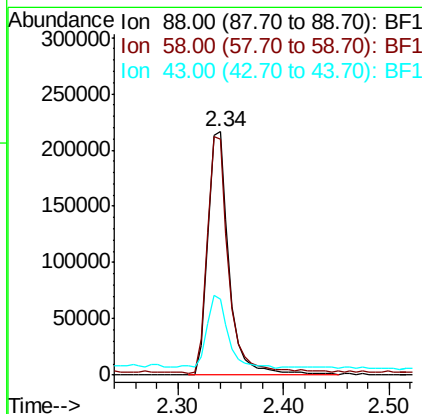
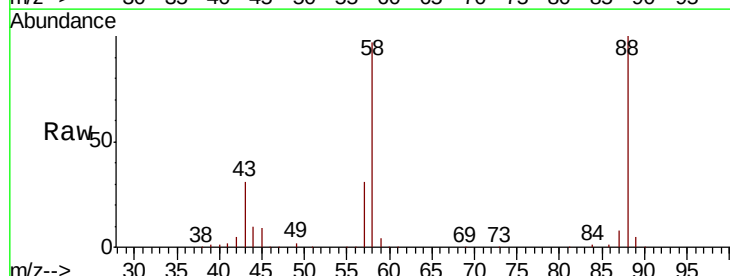
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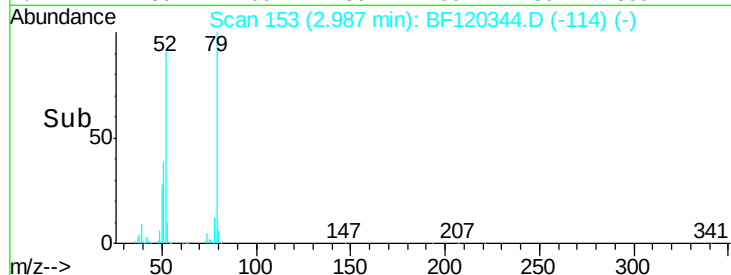
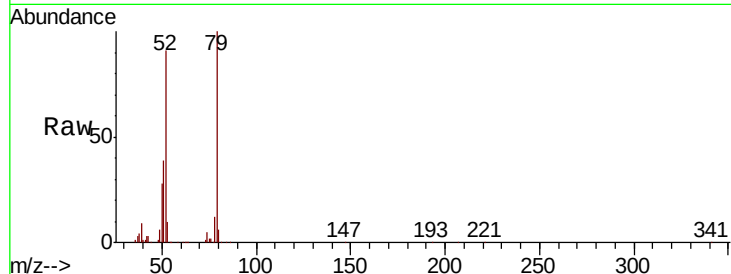
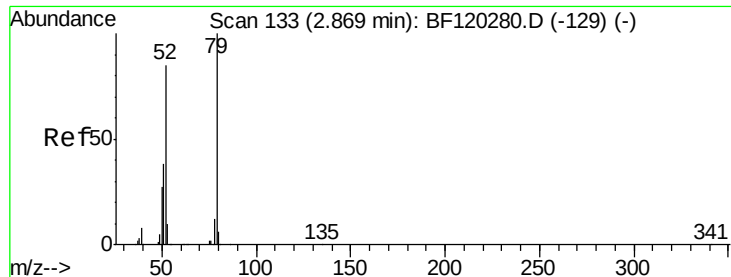


#2

1,4-Dioxane
Concen: 42.612 ng
RT: 2.34 min Scan# 43
Delta R.T. 0.14 min
Lab File: BF120344.D
Acq: 18 May 2020 16:23

Tgt Ion	Ratio	Lower	Upper
88	100		
58	97.0	75.8	113.6
43	29.5	23.6	35.4





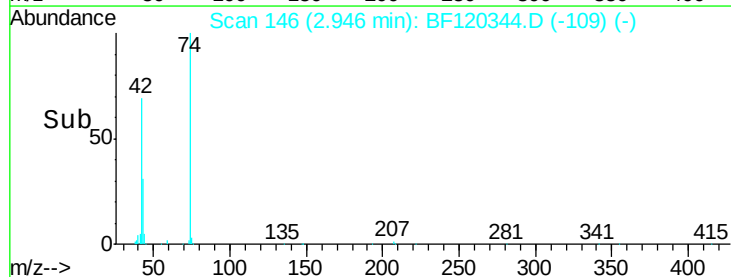
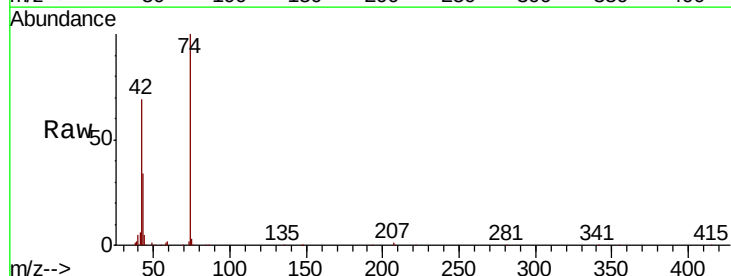
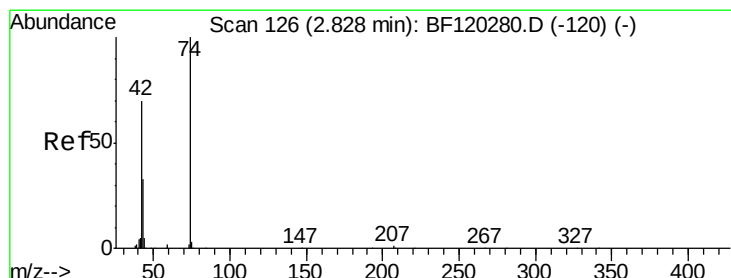
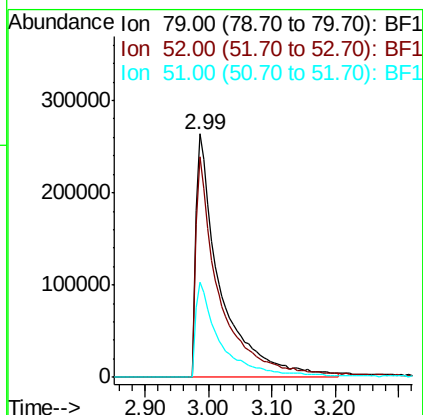
#3
 Pvridine
 Concen: 31.141 ng
 RT: 2.99 min Scan# 153
 Delta R.T. 0.13 min
 Lab File: BF120344.D
 Acq: 18 May 2020 16:23

Tot Ion:	79	Resp:	700657
Ion Ratio	Lower	Upper	
79	100		
52	90.8	68.4	102.6
51	39.2	31.0	46.4

Instrument :
 BNA_F
 ClientSampleId :
 PB128942BSD

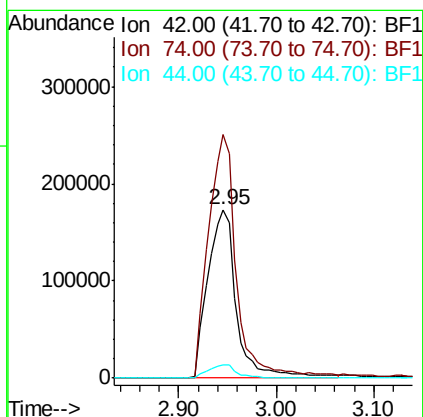
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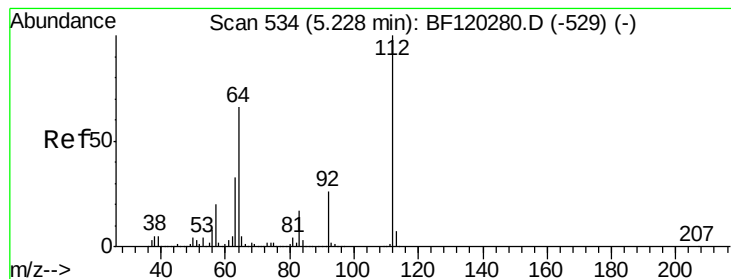
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#4
 n-Nitrosodimethylamine
 Concen: 40.172 ng
 RT: 2.95 min Scan# 146
 Delta R.T. 0.12 min
 Lab File: BF120344.D
 Acq: 18 May 2020 16:23

Tgt Ion:	42	Resp:	353914
Ion Ratio	Lower	Upper	
42	100		
74	144.6	114.8	172.2
44	7.5	5.6	8.4





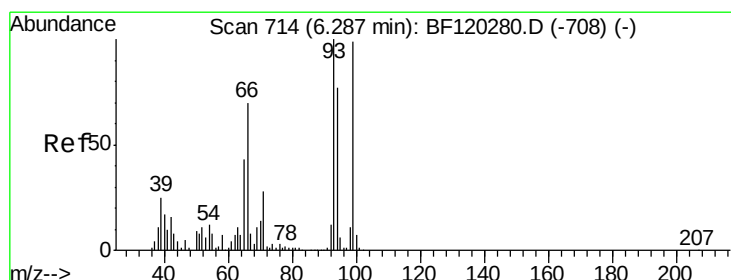
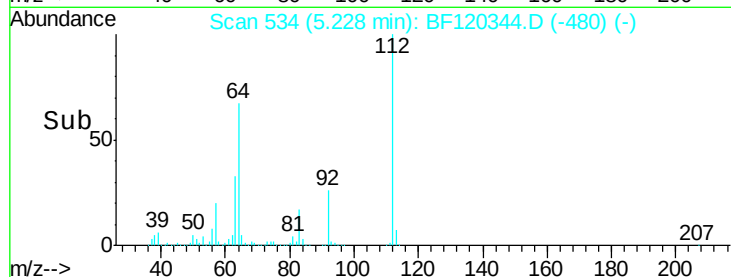
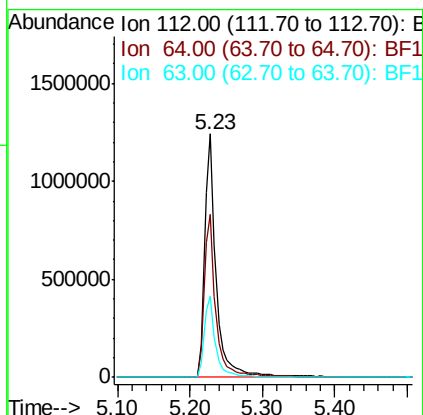
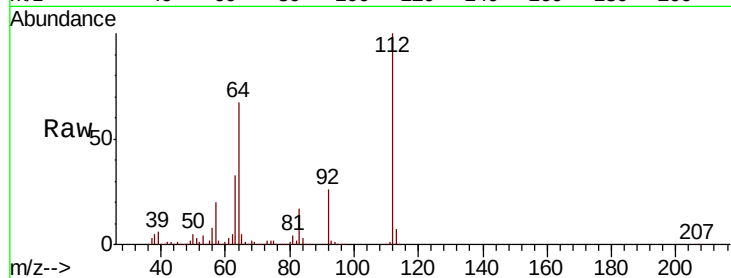
#5
2-Fluorophenol
Concen: 77.087 ng
RT: 5.23 min Scan# 534
Delta R.T. 0.02 min
Lab File: BF120344.D
Acq: 18 May 2020 16:23

Instrument :
BNA_F
ClientSampleId :
PB128942BSD

Tot Ion	Ratio	Lower	Upper
112	100		
64	66.8	52.7	79.1
63	33.2	26.2	39.4

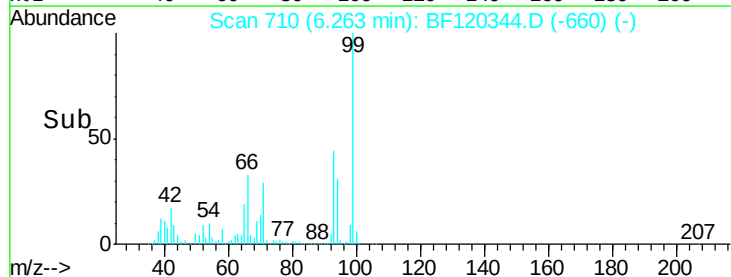
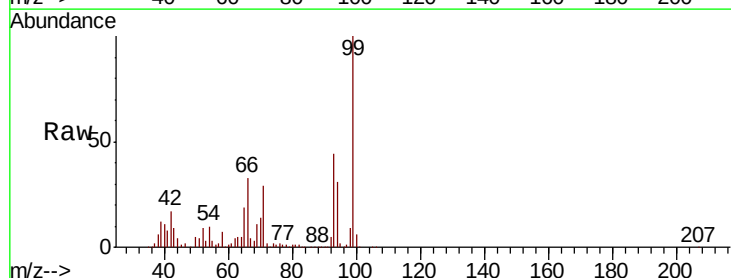
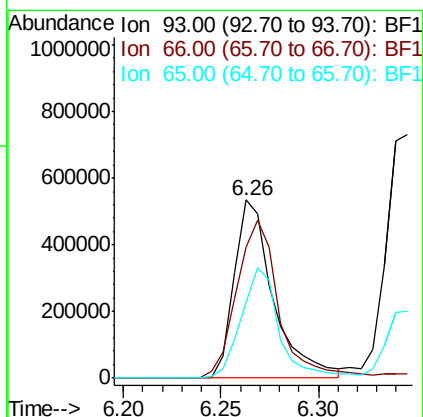
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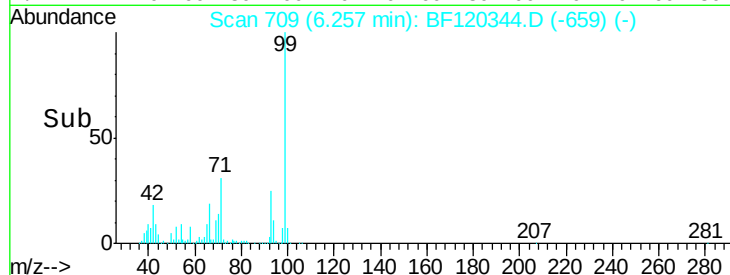
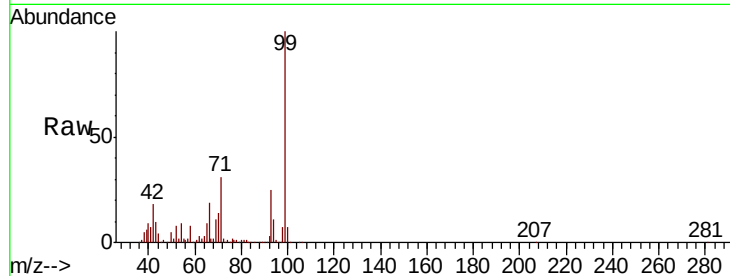
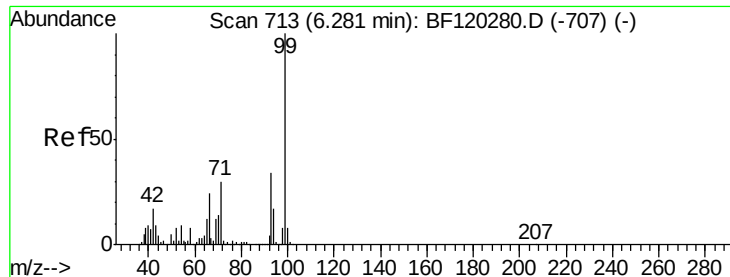
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#6
Aniline
Concen: 25.657 ng
RT: 6.26 min Scan# 710
Delta R.T. -0.01 min
Lab File: BF120344.D
Acq: 18 May 2020 16:23

Tgt Ion	Ratio	Lower	Upper
93	100		
66	73.8	56.2	84.4
65	42.3	34.2	51.2





#7

Phenol-d6

Concen: 75.241 ng

RT: 6.26 min Scan# 709

Delta R.T. -0.01 min

Lab File: BF120344.D

Acq: 18 May 2020 16:23

Tot Ion: 99 Resp: 1712043

Ion Ratio Lower Upper

99 100

42 18.3 13.6 20.4

71 30.8 24.2 36.4

Instrument :

BNA_F

ClientSampleId :

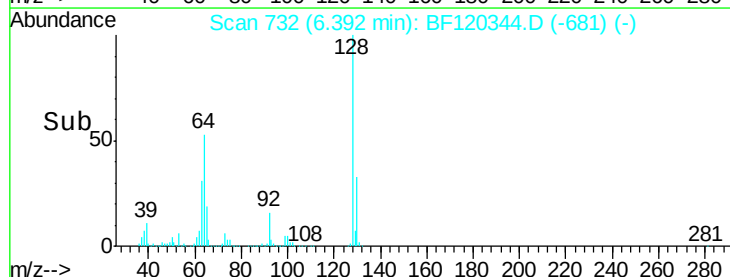
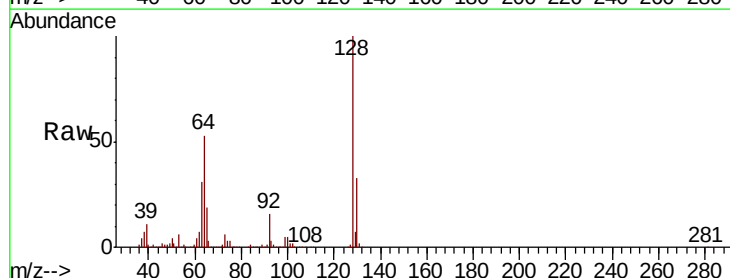
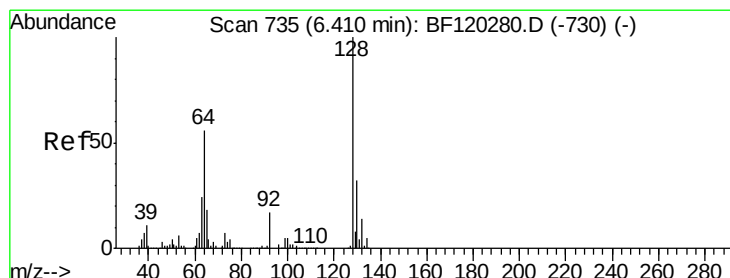
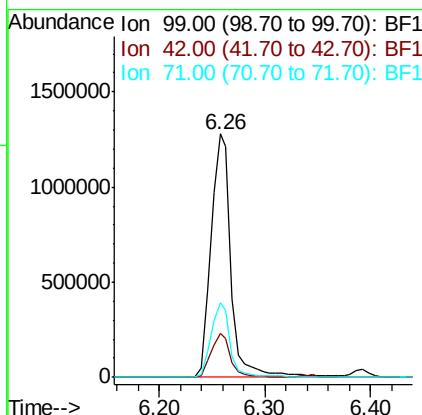
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#8

2-Chlorophenol

Concen: 39.019 ng

RT: 6.39 min Scan# 732

Delta R.T. -0.00 min

Lab File: BF120344.D

Acq: 18 May 2020 16:23

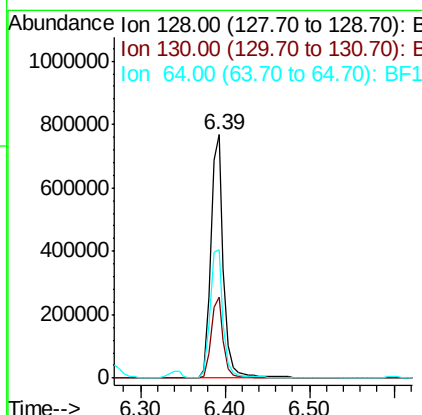
Tgt Ion: 128 Resp: 818602

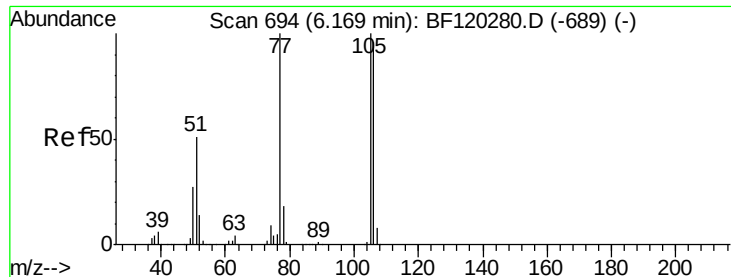
Ion Ratio Lower Upper

128 100

130 33.2 12.4 52.4

64 52.7 36.7 76.7





#9

Benzaldehyde

Concen: 35.763 ng

RT: 6.15 min Scan# 690

Delta R.T. -0.01 min

Lab File: BF120344.D

Acq: 18 May 2020 16:23

Instrument :

BNA_F

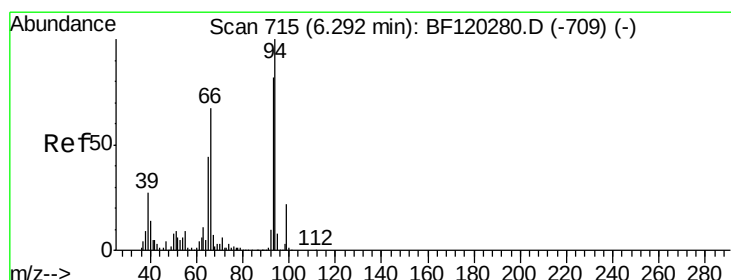
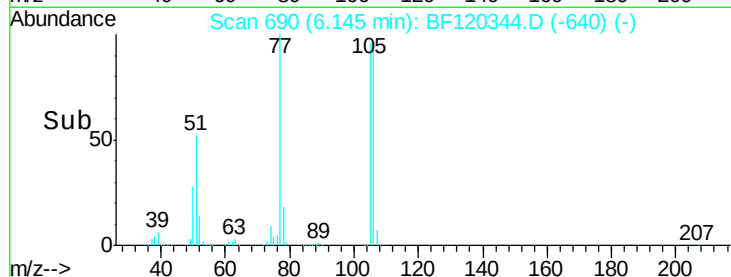
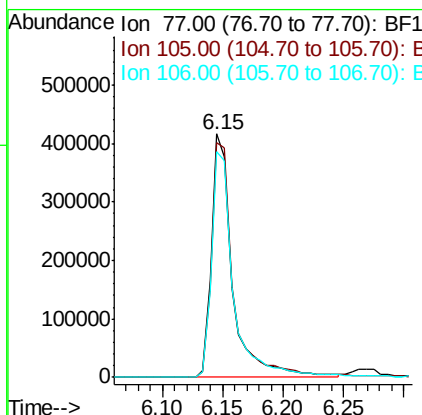
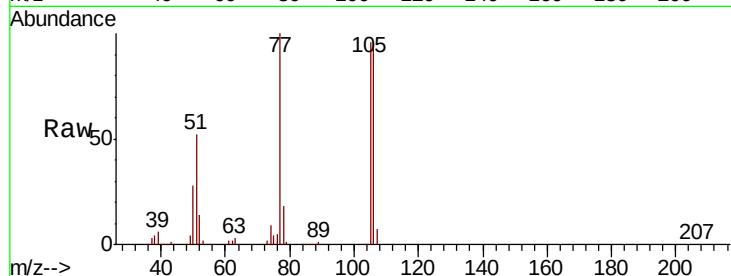
ClientSampled :

PB128942BSD

Tot Ion:	77	Resp:	501647
Ion	Ratio	Lower	Upper
77	100		
105	96.2	79.9	119.9
106	92.6	75.7	115.7

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#10

Phenol

Concen: 37.536 ng

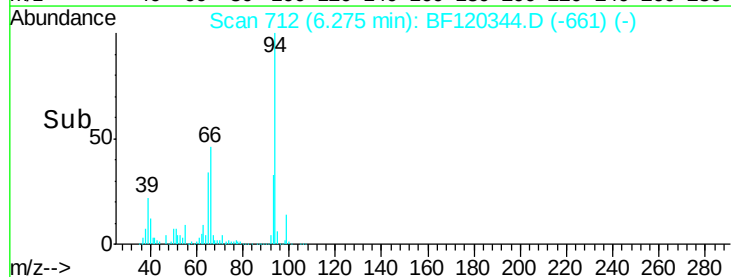
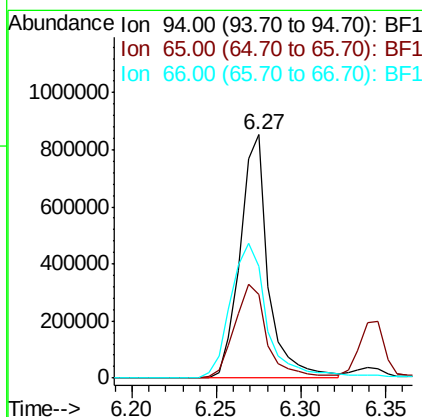
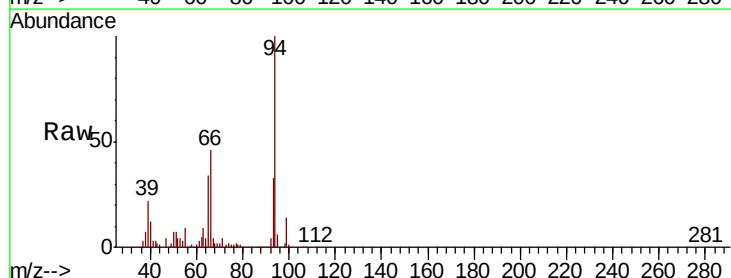
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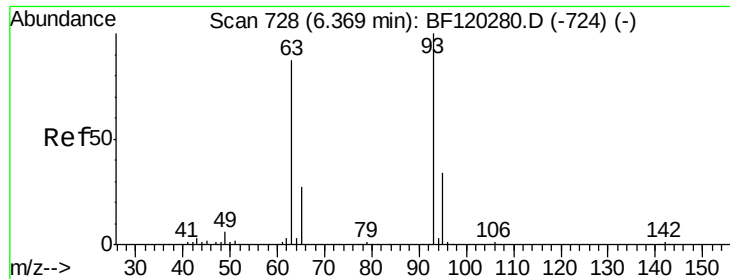
Delta R.T. -0.00 min

Lab File: BF120344.D

Acq: 18 May 2020 16:23

Tgt Ion:	94	Resp:	997039
Ion	Ratio	Lower	Upper
94	100		
65	34.2	24.1	64.1
66	46.1	47.5	87.5#





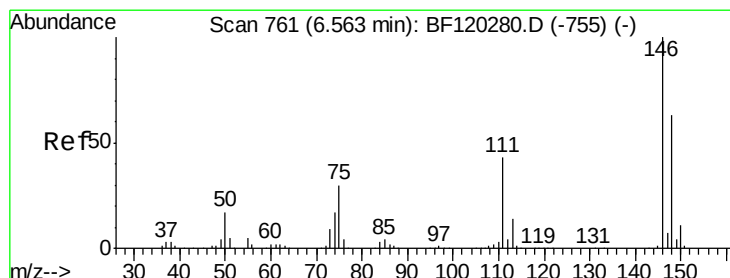
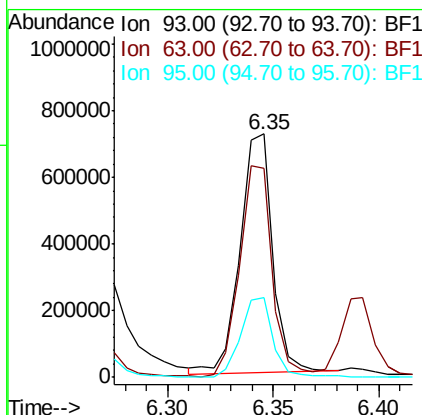
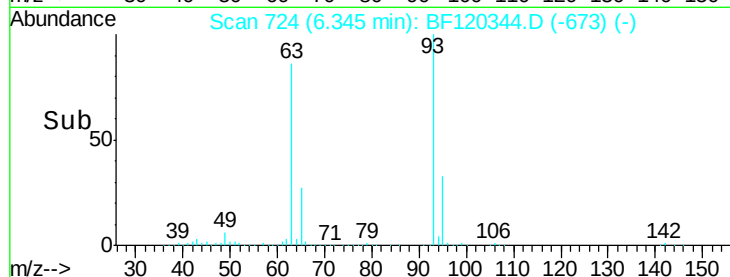
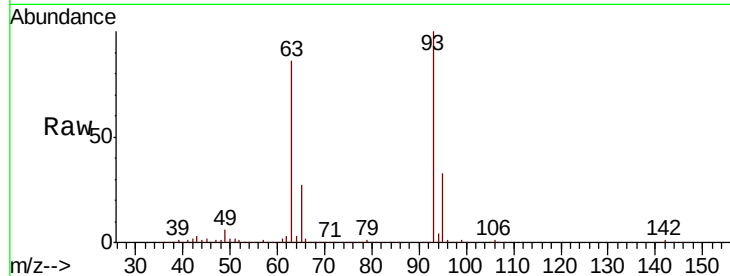
#11
bis(2-Chloroethyl)ether
Concen: 35.909 ng
RT: 6.35 min Scan# 724
Delta R.T. -0.00 min
Lab File: BF120344.D
Acq: 18 May 2020 16:23

Instrument :
BNA_F
ClientSampleId :
PB128942BSD

Tot Ion	Ion	Ratio	Lower	Upper
93	100			
63	86.1	65.4	105.4	
95	32.7	12.9	52.9	

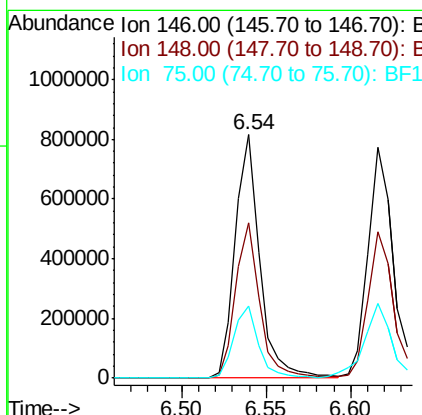
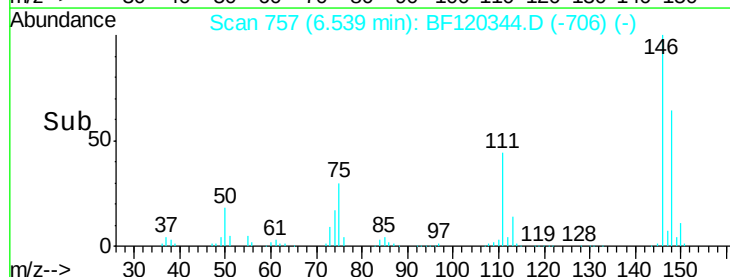
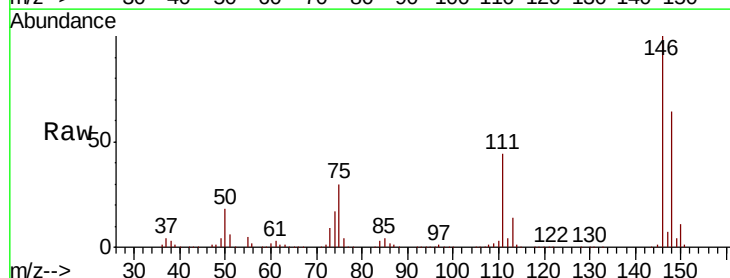
Manual Integrations
APPROVED

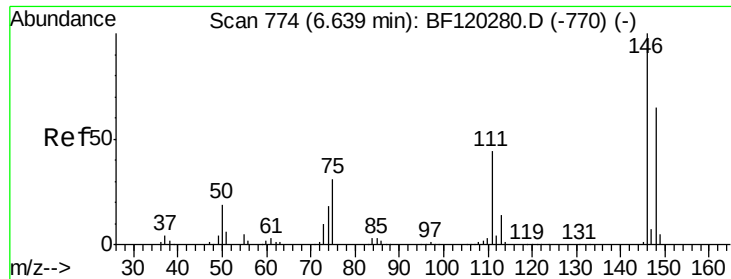
mohammad
5/19/2020 3:05:13 PM



#12
1,3-Dichlorobenzene
Concen: 36.967 ng
RT: 6.54 min Scan# 757
Delta R.T. -0.00 min
Lab File: BF120344.D
Acq: 18 May 2020 16:23

Tgt Ion	Ion	Ratio	Lower	Upper
146	100			
148	63.7	50.5	75.7	
75	29.8	24.2	36.4	





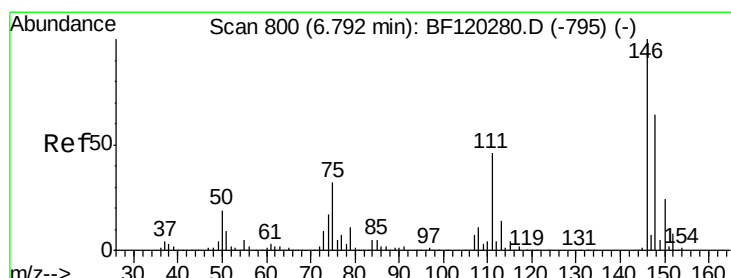
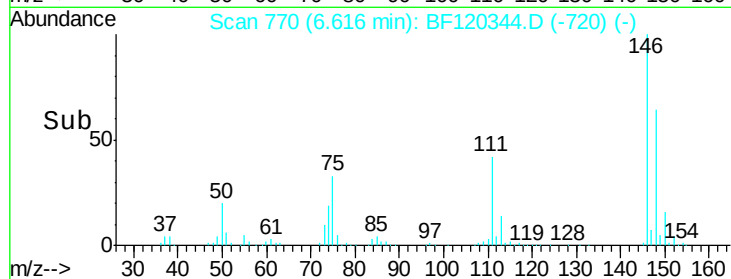
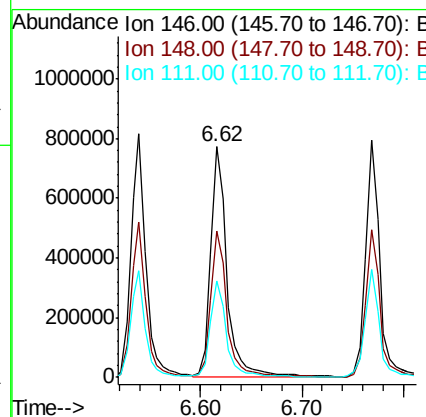
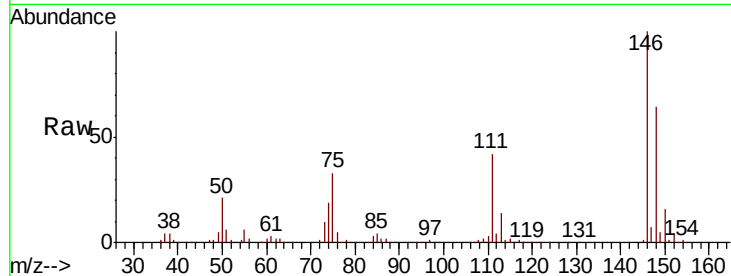
#13
 1,4-Dichlorobenzene
 Concen: 37.482 ng
 RT: 6.62 min Scan# 770
 Delta R.T. -0.01 min
 Lab File: BF120344.D
 Acq: 18 May 2020 16:23

Instrument :
 BNA_F
 ClientSampleId :
 PB128942BSD

Tot Ion	Ratio	Lower	Upper
146	100		
148	63.6	51.6	77.4
111	42.0	35.1	52.7

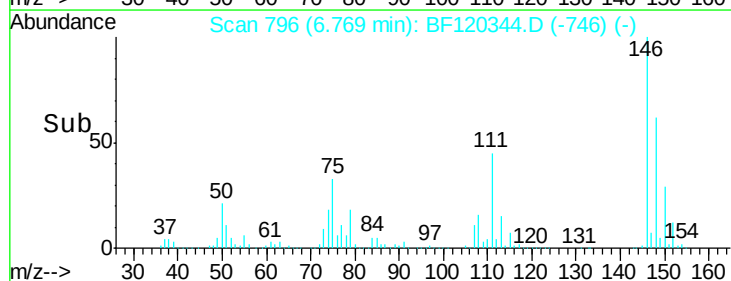
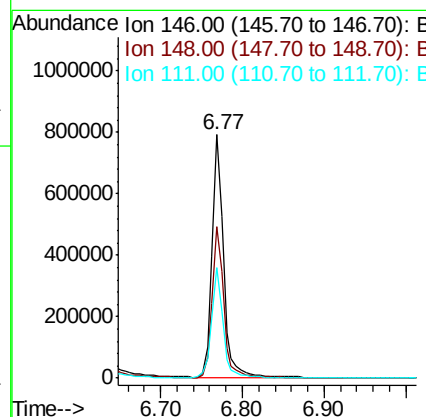
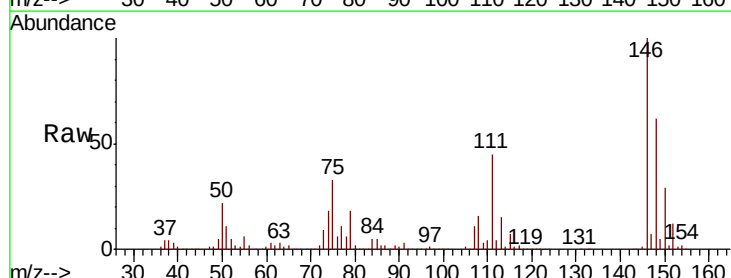
Manual Integrations
 APPROVED

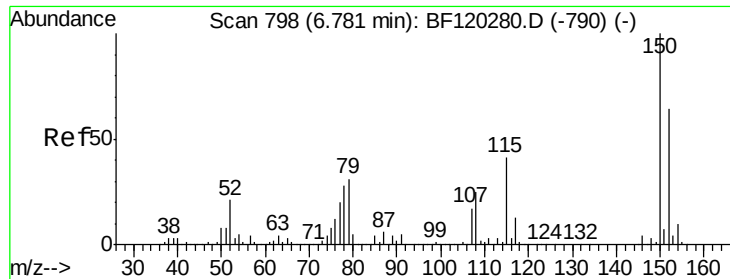
mohammad
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#14
 1,2-Dichlorobenzene
 Concen: 37.027 ng
 RT: 6.77 min Scan# 796
 Delta R.T. -0.01 min
 Lab File: BF120344.D
 Acq: 18 May 2020 16:23

Tgt Ion	Ratio	Lower	Upper
146	100		
148	62.2	51.1	76.7
111	45.4	36.6	55.0





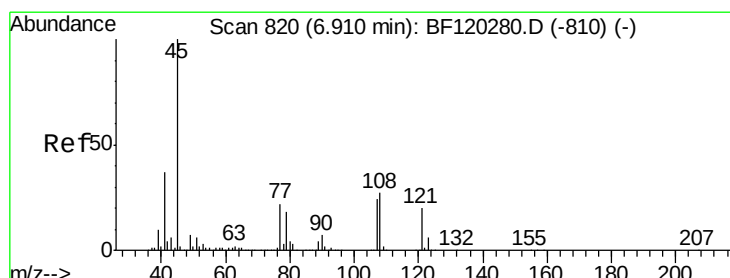
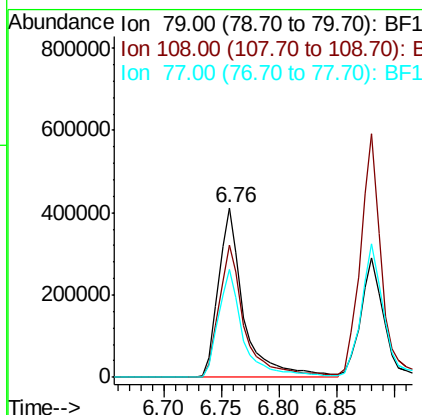
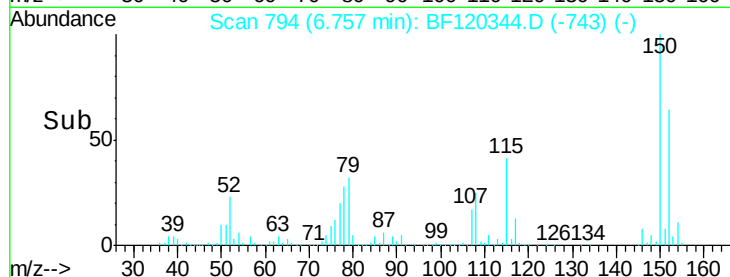
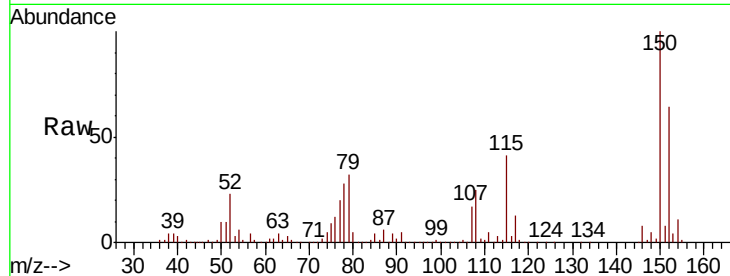
#15
Benzyl Alcohol
Concen: 38.834 ng
RT: 6.76 min Scan# 794
Delta R.T. -0.00 min
Lab File: BF120344.D
Acq: 18 May 2020 16:23

Instrument :
BNA_F
ClientSampleId :
PB128942BSD

Tot Ion	Ratio	Lower	Upper
79	100		
108	78.0	64.2	96.4
77	63.2	51.6	77.4

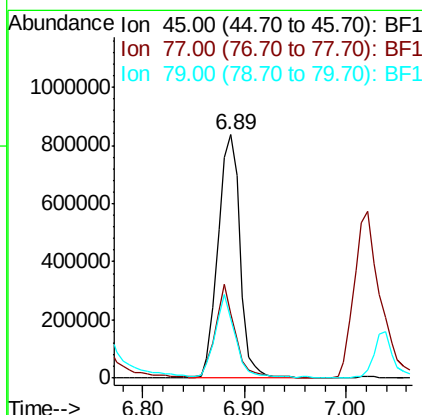
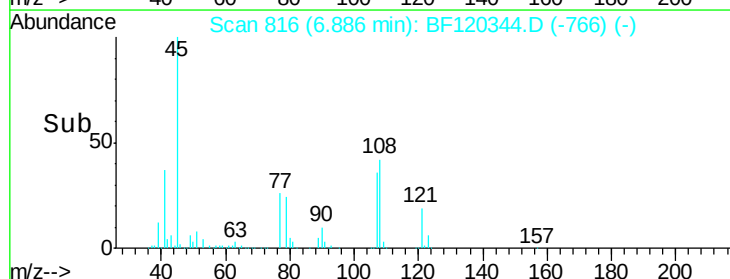
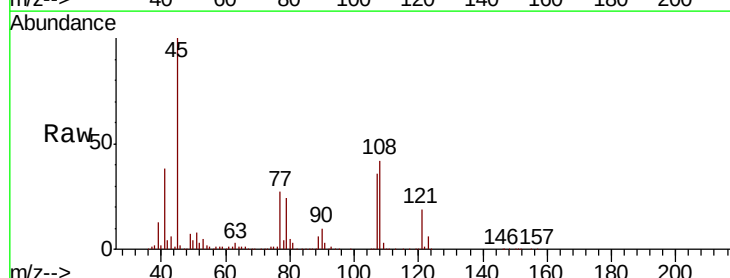
Manual Integrations
APPROVED

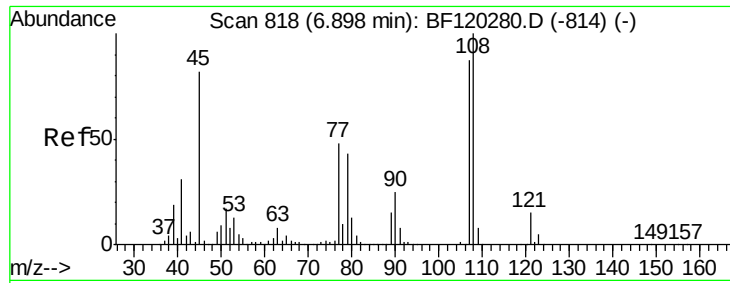
mohammad
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#16
2,2'-oxybis(1-Chloropropane)
Concen: 37.870 ng
RT: 6.89 min Scan# 816
Delta R.T. -0.01 min
Lab File: BF120344.D
Acq: 18 May 2020 16:23

Tgt Ion	Ratio	Lower	Upper
45	100		
77	26.7	3.1	43.1
79	24.2	0.0	40.0





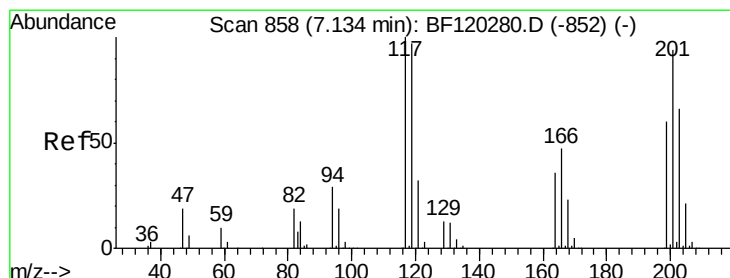
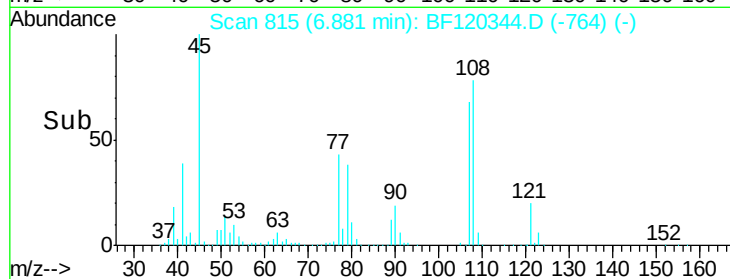
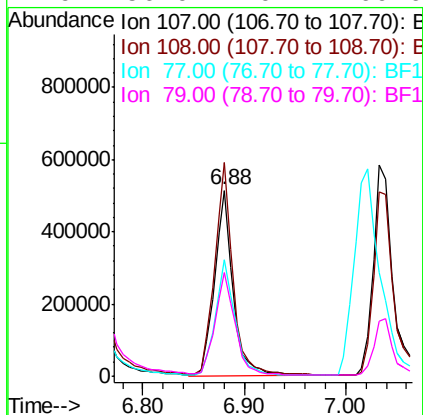
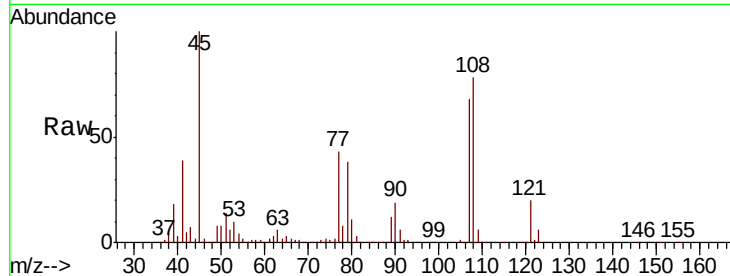
#17
2-Methylphenol
Concen: 36.666 ng
RT: 6.88 min Scan# 815
Delta R.T. -0.00 min
Lab File: BF120344.D
Acq: 18 May 2020 16:23

Instrument :
BNA_F
ClientSampleId :
PB128942BSD

Tot Ion	Ratio	Resp	Lower	Upper
107	100	649370		
108	114.7	92.4	138.6	
77	62.9	44.5	66.7	
79	56.0	40.4	60.6	

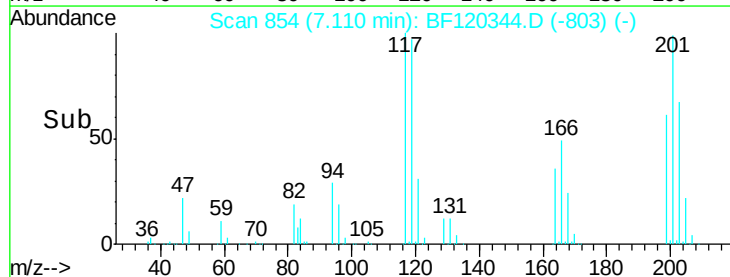
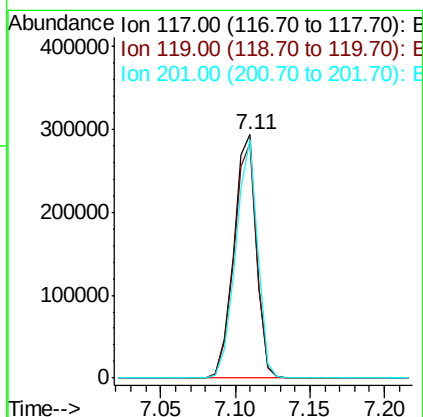
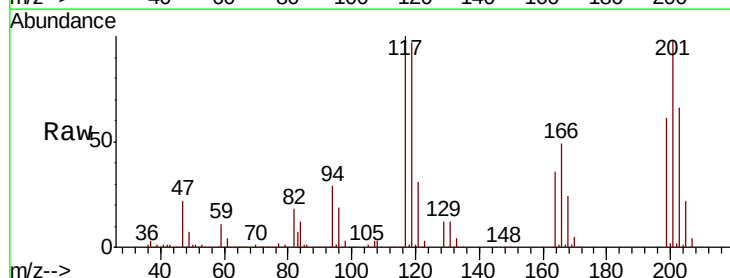
Manual Integrations
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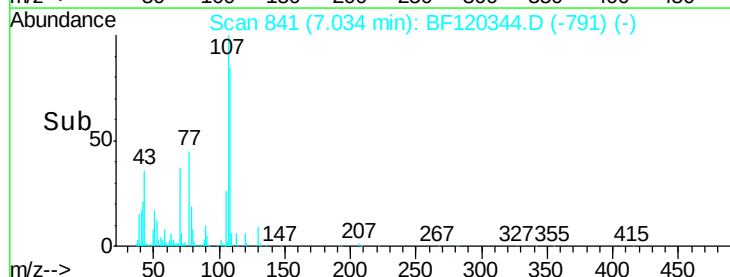
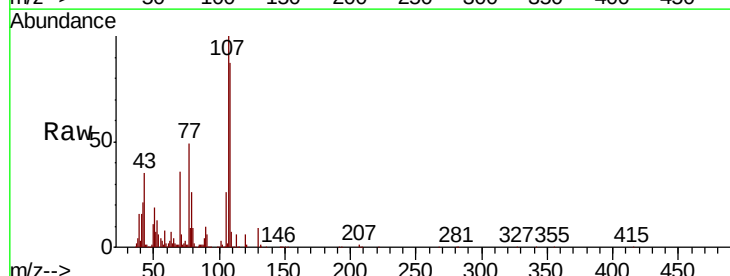
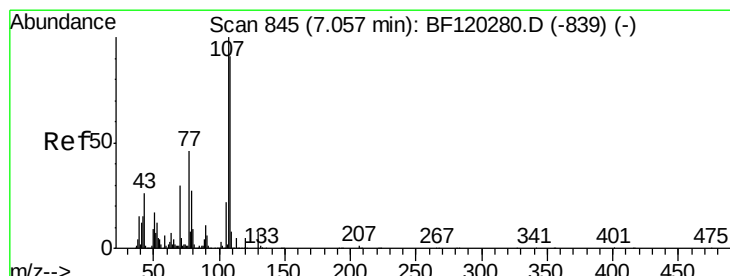
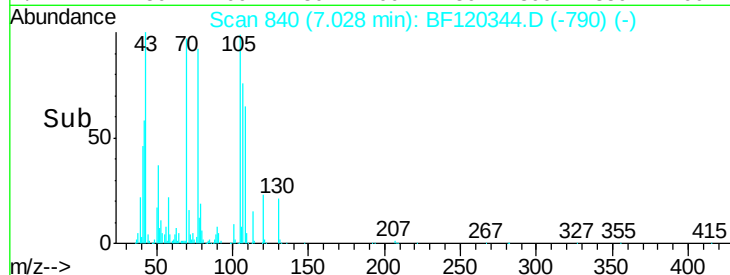
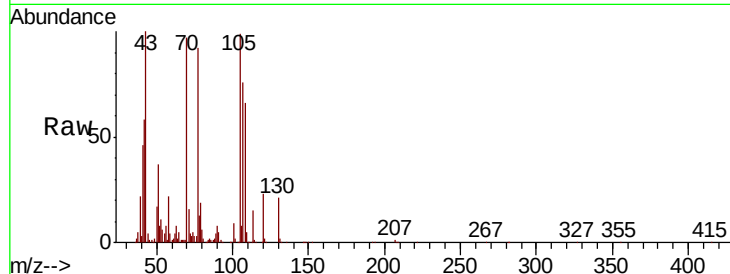
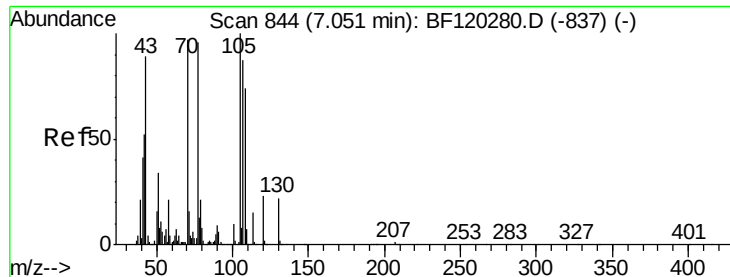
mohammad
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#18
Hexachloroethane
Concen: 35.591 ng
RT: 7.11 min Scan# 854
Delta R.T. -0.00 min
Lab File: BF120344.D
Acq: 18 May 2020 16:23

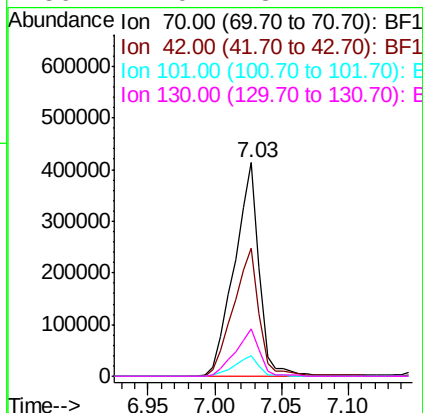
Tgt Ion	Ratio	Resp	Lower	Upper
117	100	313494		
119	96.5	77.4	116.0	
201	97.9	74.9	112.3	





#19
n-Nitroso-di-n-propylamine
Concen: 36.223 ng
RT: 7.03 min Scan# 840
Delta R.T. -0.01 min
Lab File: BF120344.D
Acq: 18 May 2020 16:23

Tot Ion	Ion	Ratio	Resp	Lower	Upper
70	100				
42	59.7	43.4	65.0		
101	9.7	7.8	11.8		
130	22.0	18.2	27.4		



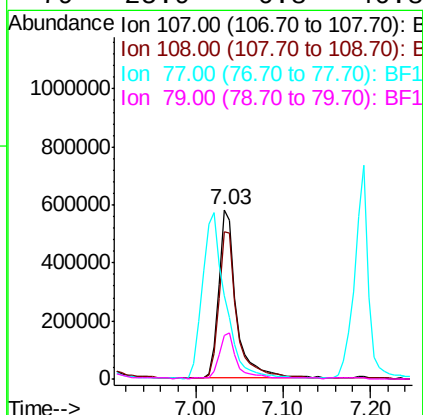
Instrument :
BNA_F
ClientSampleId :
PB128942BSD

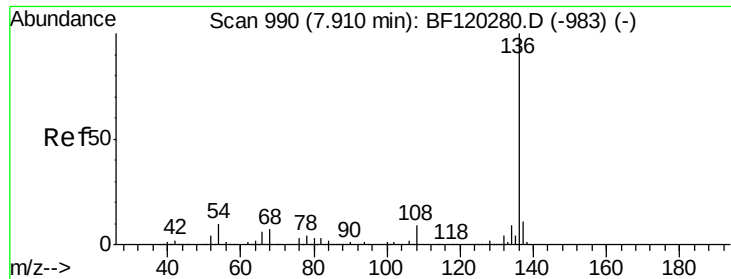
Manual Integrations
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#20
3+4-Methylphenols
Concen: 35.444 ng
RT: 7.03 min Scan# 841
Delta R.T. -0.01 min
Lab File: BF120344.D
Acq: 18 May 2020 16:23

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
107	100				
108	87.1	71.1	111.1		
77	49.1	28.1	68.1		
79	25.9	6.8	46.8		





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 7.89 min Scan# 986

Delta R.T. -0.00 min

Lab File: BF120344.D

Acq: 18 May 2020 16:23

Instrument :

BNA_F

ClientSampleId :

PB128942BSD

Tot Ion:136 Resp: 1332983

Ion Ratio Lower Upper

136 100

137 11.2 9.1 13.7

54 10.3 7.9 11.9

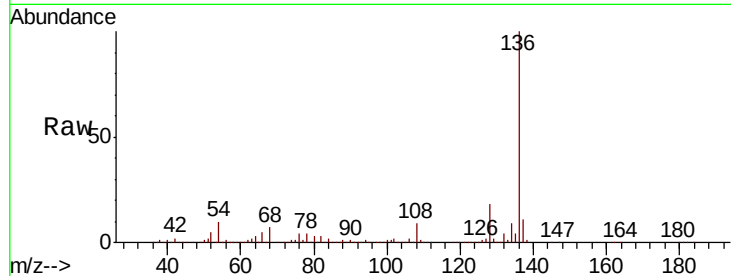
68 6.6 5.4 8.2

Manual Integrations

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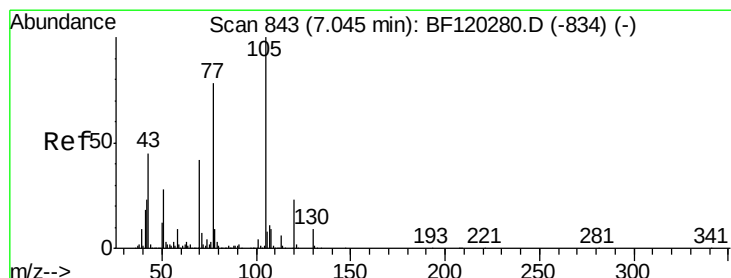
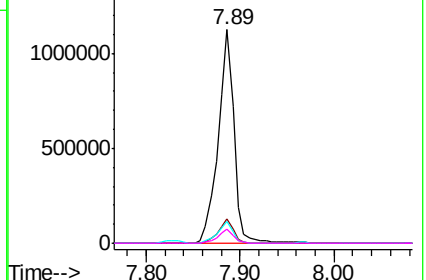
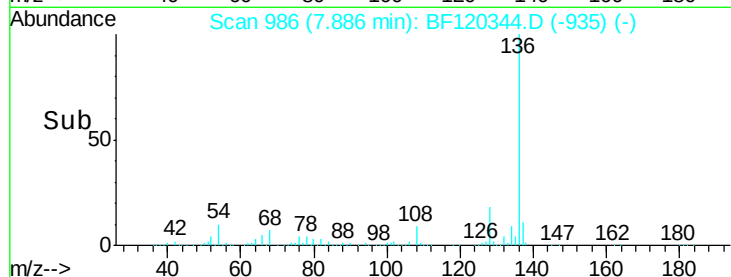


Abundance Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BF1

Ion 68.00 (67.70 to 68.70): BF1



#22

Acetophenone

Concen: 39.845 ng

RT: 7.02 min Scan# 839

Delta R.T. -0.00 min

Lab File: BF120344.D

Acq: 18 May 2020 16:23

Tgt Ion:105 Resp: 1088086

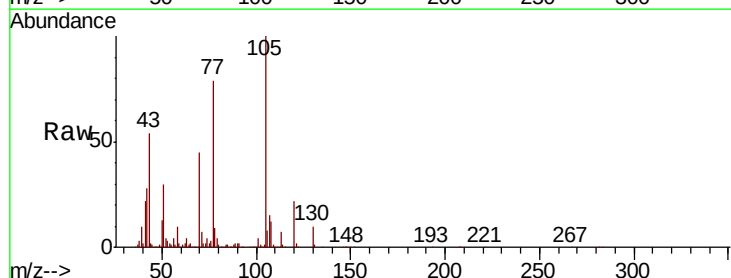
Ion Ratio Lower Upper

105 100

71 7.5 5.6 8.4

51 30.2 22.6 34.0

120 22.5 18.7 28.1

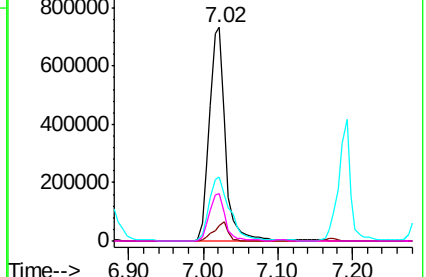
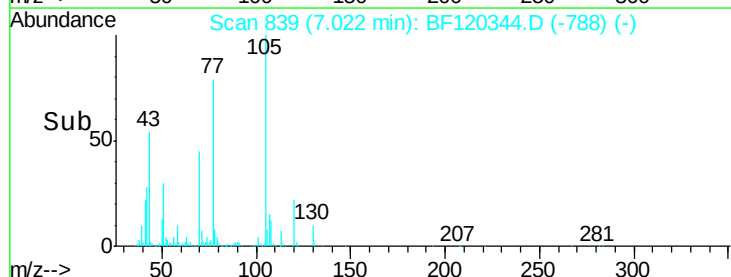


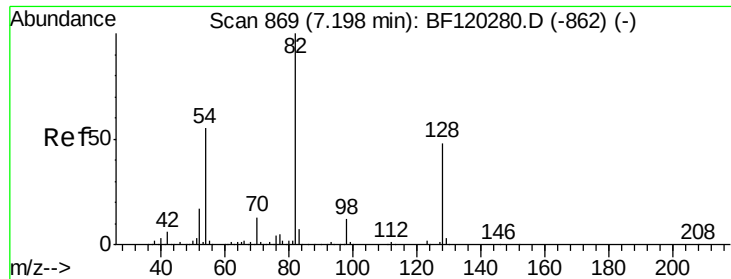
Abundance Ion 105.00 (104.70 to 105.70): E

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





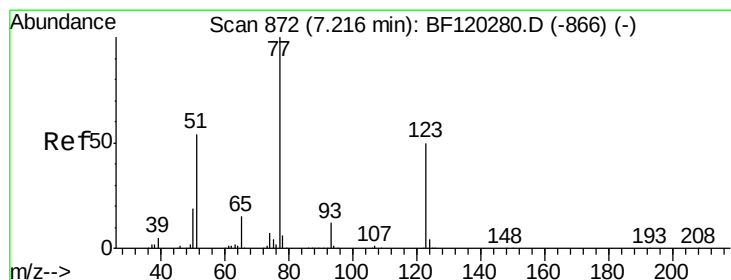
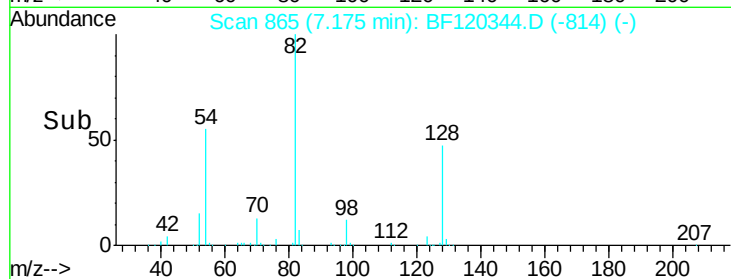
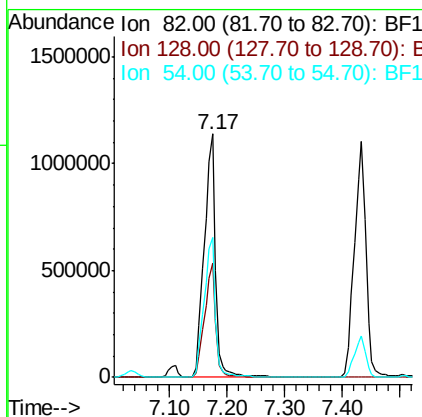
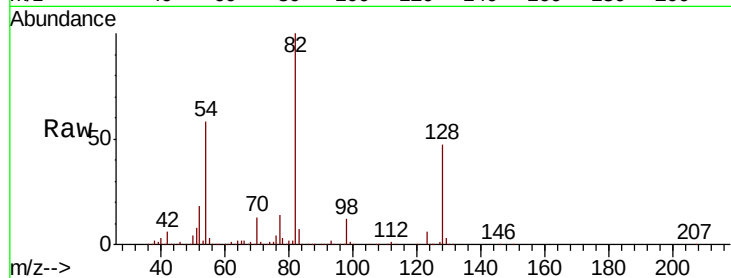
#23
Nitrobenzene-d5
Concen: 82.735 ng
RT: 7.17 min Scan# 865
Delta R.T. -0.00 min
Lab File: BF120344.D
Acq: 18 May 2020 16:23

Instrument :
BNA_F
ClientSampleId :
PB128942BSD

Tot Ion	Ratio	Lower	Upper
82	100		
128	46.9	38.3	57.5
54	57.6	43.9	65.9

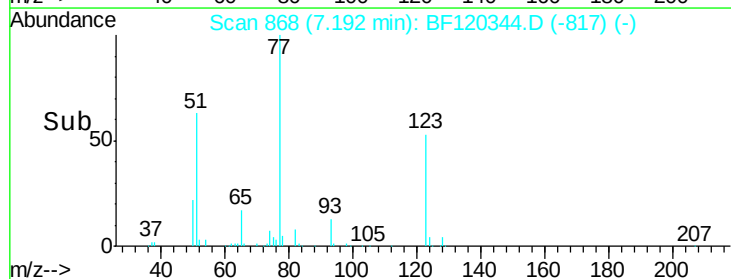
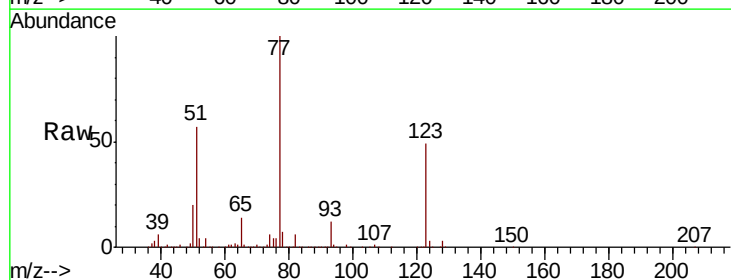
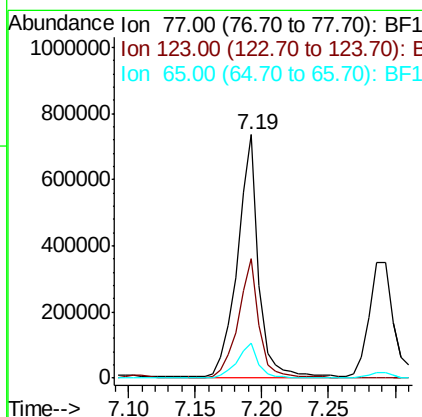
Manual Integrations
APPROVED

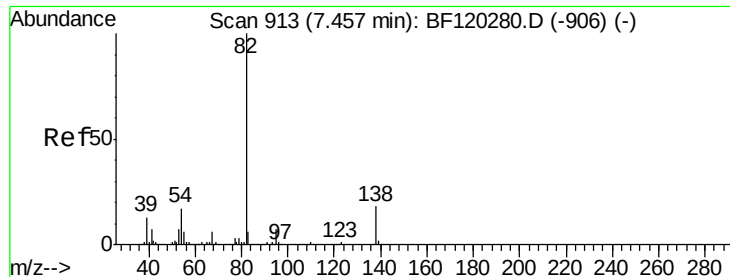
mohammad
5/19/2020 3:05:13 PM



#24
Nitrobenzene
Concen: 38.805 ng
RT: 7.19 min Scan# 868
Delta R.T. -0.00 min
Lab File: BF120344.D
Acq: 18 May 2020 16:23

Tgt Ion	Ratio	Lower	Upper
77	100		
123	49.0	40.0	60.0
65	14.5	11.7	17.5





#25

Isophorone

Concen: 37.756 ng

RT: 7.43 min Scan# 909

Delta R.T. -0.00 min

Lab File: BF120344.D

Acq: 18 May 2020 16:23

Instrument :

BNA_F

ClientSampled :

PB128942BSD

Tot Ion: 82 Resp: 1529468

Ion Ratio Lower Upper

82 100

95 6.6 5.4 8.0

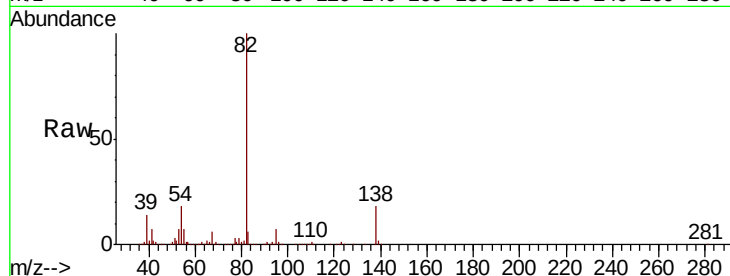
138 18.1 14.7 22.1

Manual Integrations

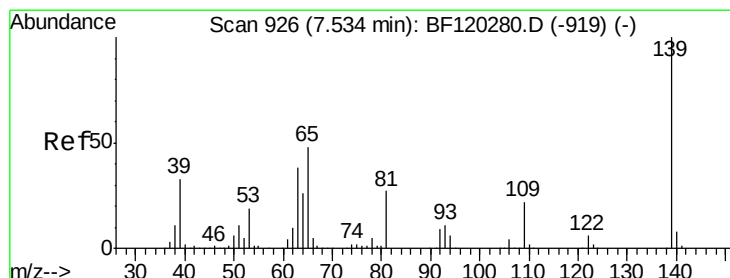
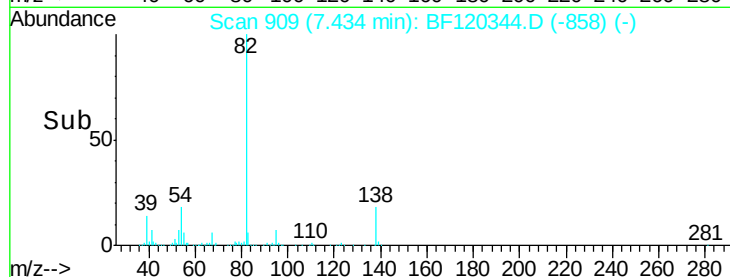
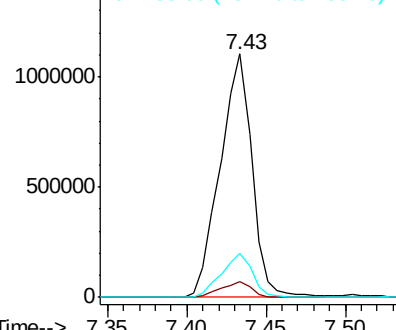
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Abundance Ion 82.00 (81.70 to 82.70): BF1
1500000
Ion 95.00 (94.70 to 95.70): BF1
Ion 138.00 (137.70 to 138.70): BF1



#26

2-Nitrophenol

Concen: 40.979 ng

RT: 7.51 min Scan# 922

Delta R.T. -0.00 min

Lab File: BF120344.D

Acq: 18 May 2020 16:23

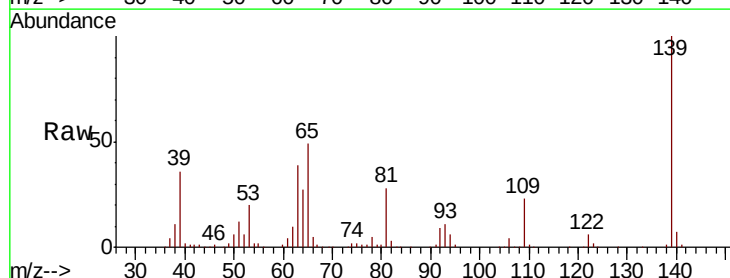
Tgt Ion: 139 Resp: 449061

Ion Ratio Lower Upper

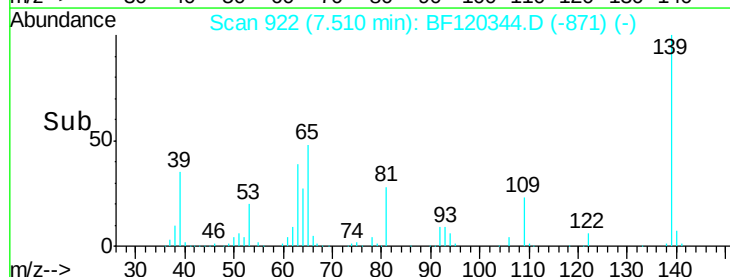
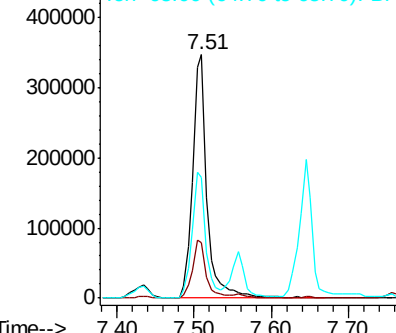
139 100

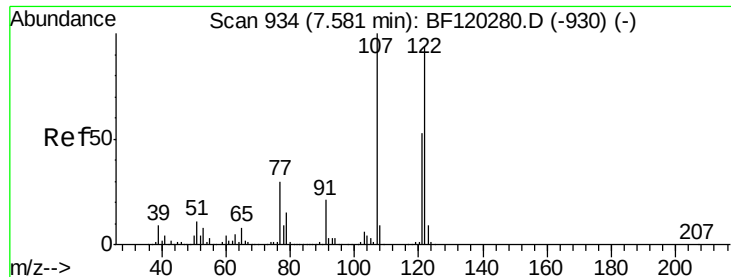
109 22.7 17.7 26.5

65 49.5 38.3 57.5



Abundance Ion 139.00 (138.70 to 139.70): BF1
400000
Ion 109.00 (108.70 to 109.70): BF1
Ion 65.00 (64.70 to 65.70): BF1





#27

2,4-Dimethylphenol

Concen: 42.848 ng

RT: 7.56 min Scan# 930

Delta R.T. -0.01 min

Lab File: BF120344.D

Acq: 18 May 2020 16:23

Instrument :

BNA_F

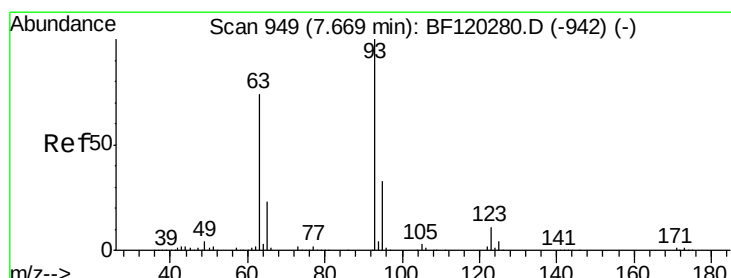
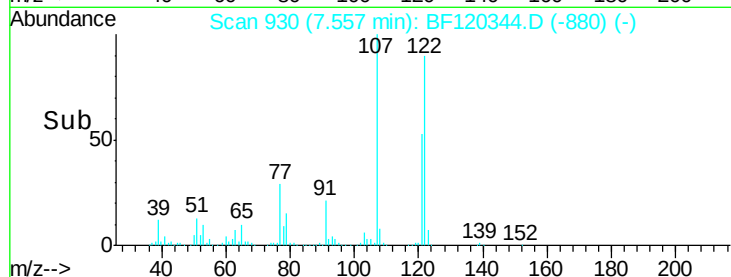
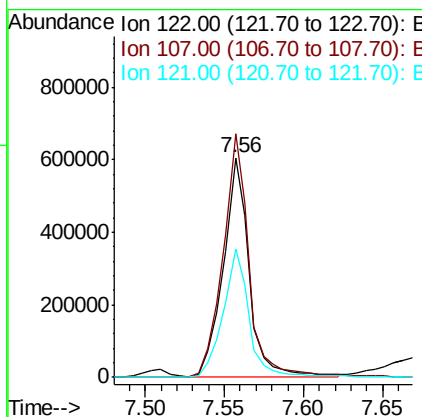
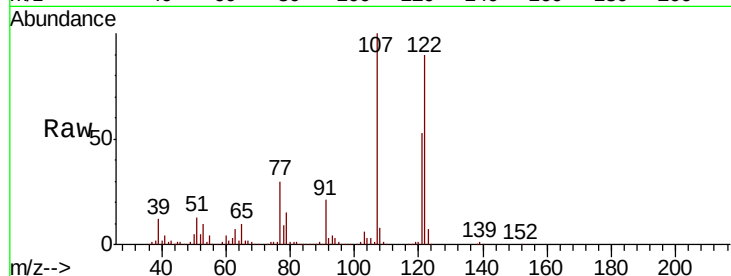
ClientSampleId :

PB128942BSD

Tot Ion:	122	Resp:	683035
Ion Ratio	Lower	Upper	
122	100		
107	111.0	85.0	127.6
121	58.5	45.1	67.7

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#28

bis(2-Chloroethoxy)methane

Concen: 38.691 ng

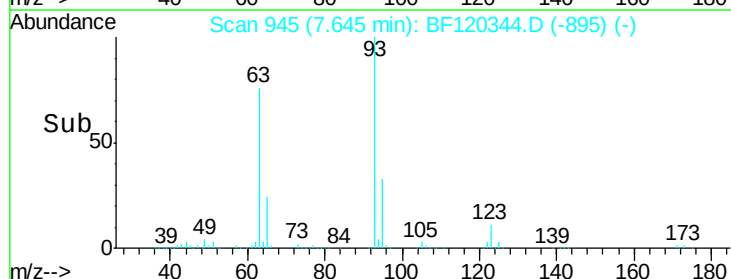
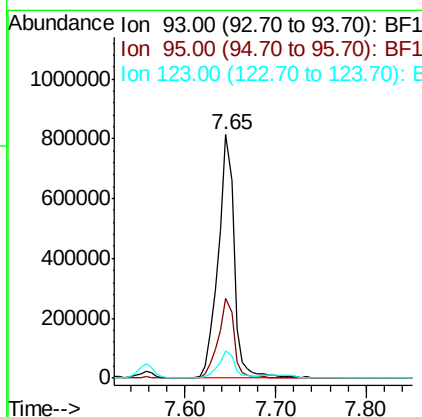
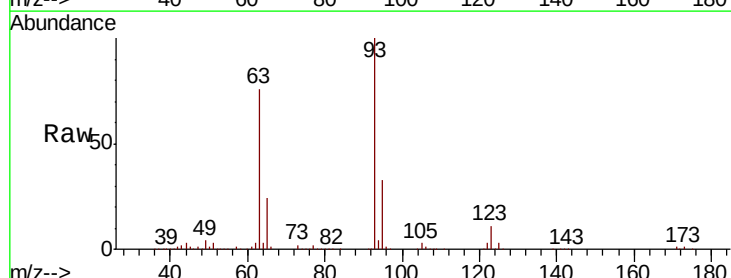
RT: 7.65 min Scan# 945

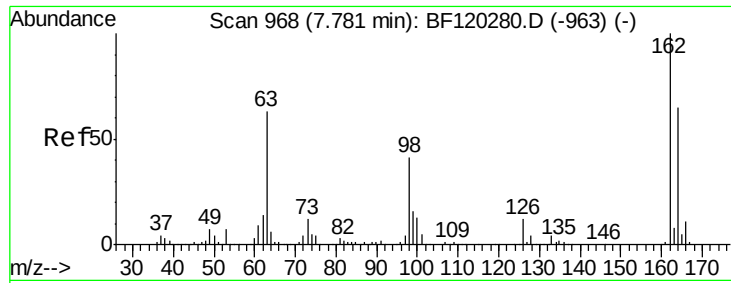
Delta R.T. -0.01 min

Lab File: BF120344.D

Acq: 18 May 2020 16:23

Tgt Ion:	93	Resp:	985158
Ion Ratio	Lower	Upper	
93	100		
95	32.7	26.8	40.2
123	11.3	9.2	13.8





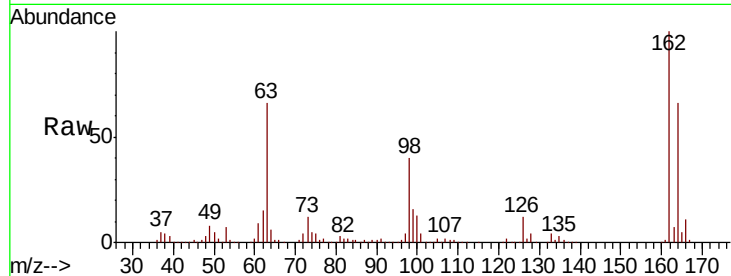
#29
2,4-Dichlorophenol
Concen: 38.849 ng
RT: 7.76 min Scan# 964
Delta R.T. -0.00 min
Lab File: BF120344.D
Acq: 18 May 2020 16:23

Instrument :
BNA_F
ClientSampleId :
PB128942BSD

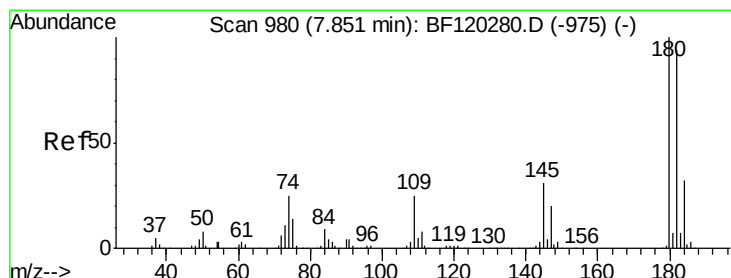
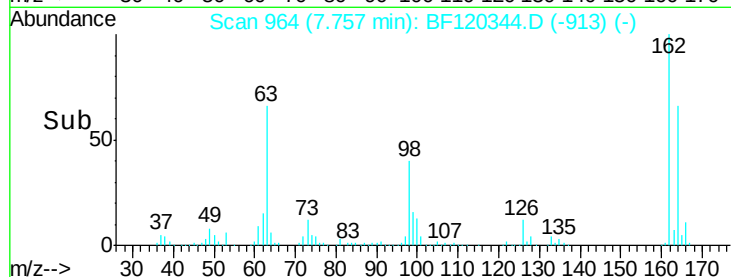
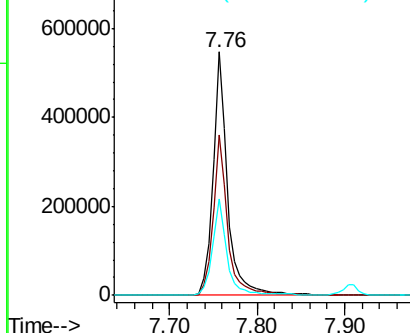
Tot Ion	Ion	Ratio	Resp	Lower	Upper
162	100		636037		
164	66.0	44.9	84.9		
98	39.5	20.7	60.7		

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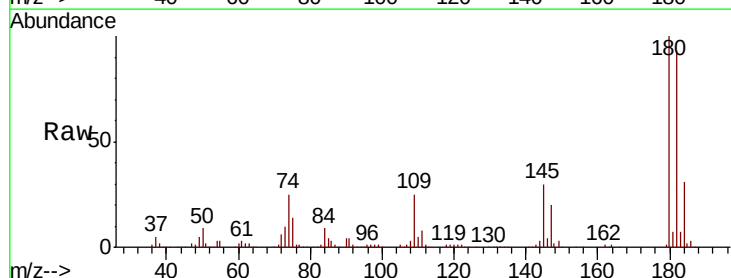


Abundance Ion 162.00 (161.70 to 162.70): E
Ion 164.00 (163.70 to 164.70): E
Ion 98.00 (97.70 to 98.70): BF1

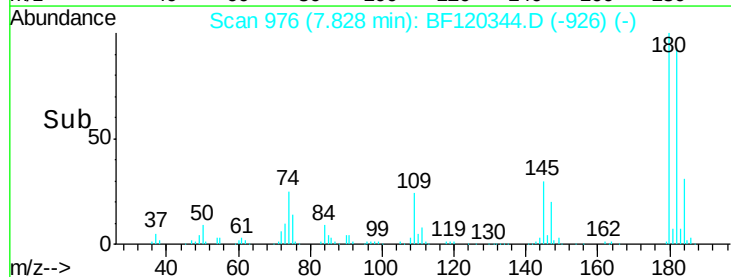
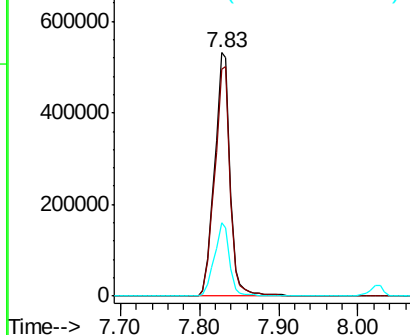


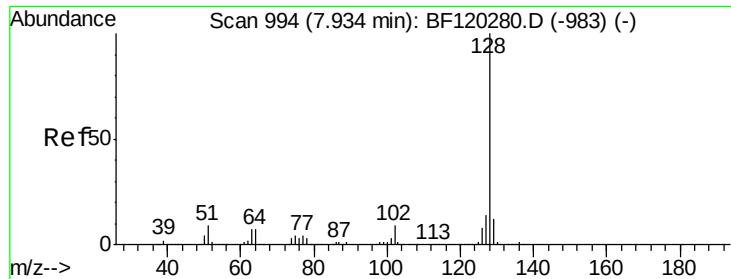
#30
1,2,4-Trichlorobenzene
Concen: 39.999 ng
RT: 7.83 min Scan# 976
Delta R.T. -0.01 min
Lab File: BF120344.D
Acq: 18 May 2020 16:23

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
180	100		725678		
182	93.3	75.3	112.9		
145	30.2	24.9	37.3		



Abundance Ion 180.00 (179.70 to 180.70): E
Ion 182.00 (181.70 to 182.70): E
Ion 145.00 (144.70 to 145.70): E





#31

Naphthalene

Concen: 40.848 ng

RT: 7.91 min Scan# 990

Delta R.T. -0.00 min

Lab File: BF120344.D

Acq: 18 May 2020 16:23

Instrument :

BNA_F

ClientSampleId :

PB128942BSD

Tot Ion:128 Resp: 2298038

Ion Ratio Lower Upper

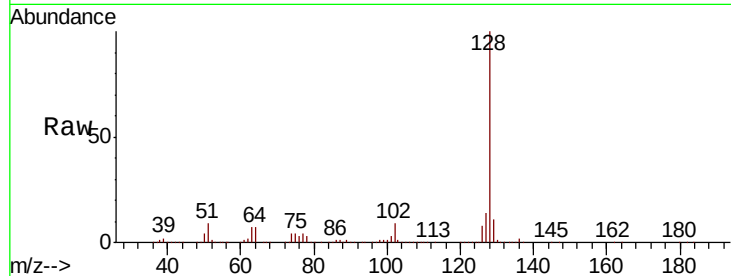
128 100

129 11.2 9.3 13.9

127 13.7 11.2 16.8

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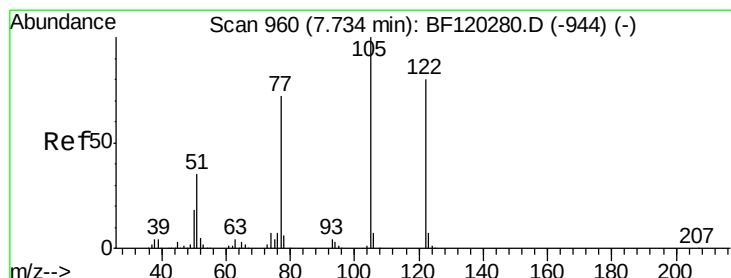
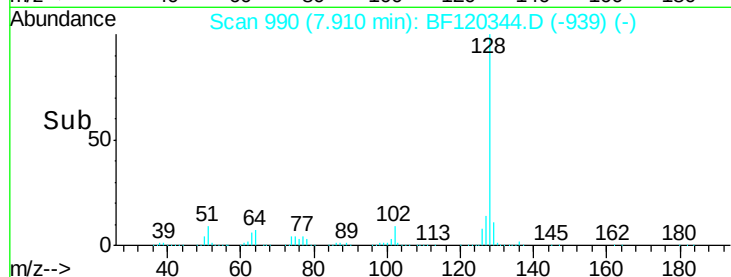
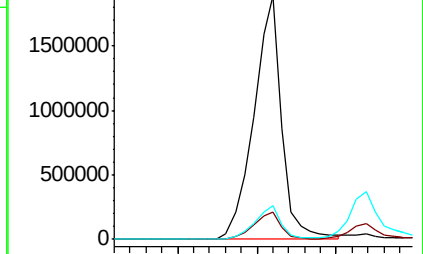
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Abundance Ion 128.00 (127.70 to 128.70): E

Ion 129.00 (128.70 to 129.70): E

Ion 127.00 (126.70 to 127.70): E



#32

Benzoic acid

Concen: 36.817 ng

RT: 7.72 min Scan# 957

Delta R.T. -0.00 min

Lab File: BF120344.D

Acq: 18 May 2020 16:23

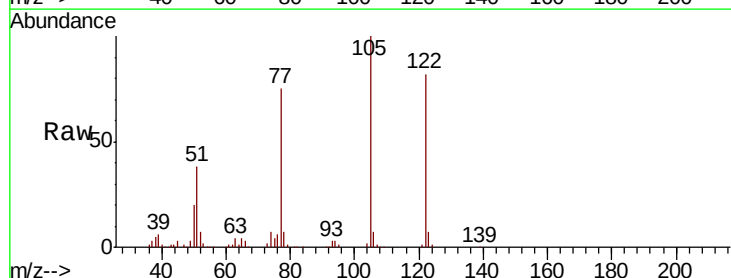
Tgt Ion:122 Resp: 384695

Ion Ratio Lower Upper

122 100

105 121.2 98.1 138.1

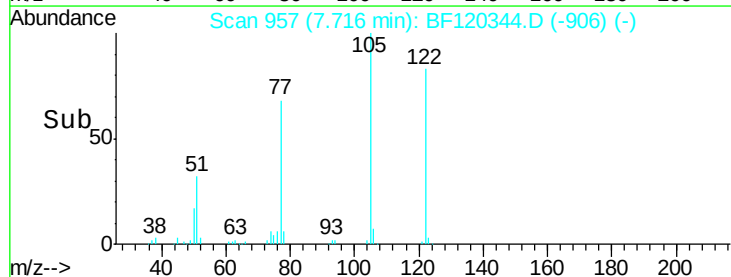
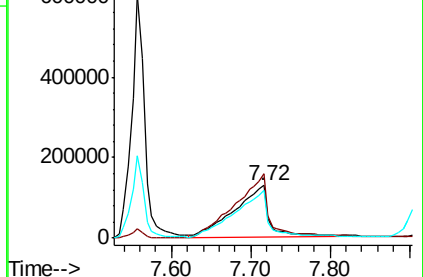
77 91.3 66.7 106.7

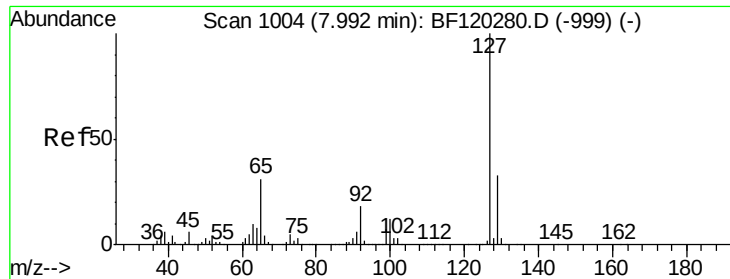


Abundance Ion 122.00 (121.70 to 122.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 77.00 (76.70 to 77.70): BF1





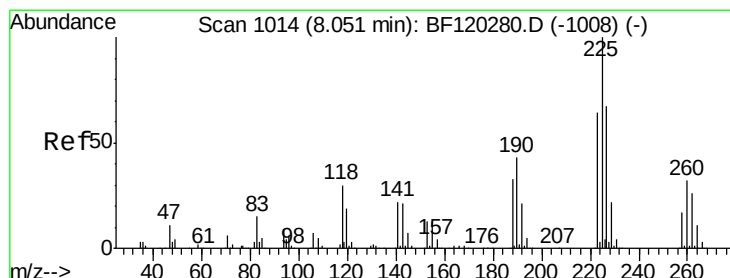
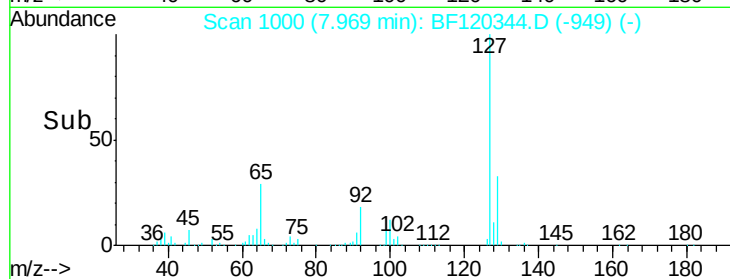
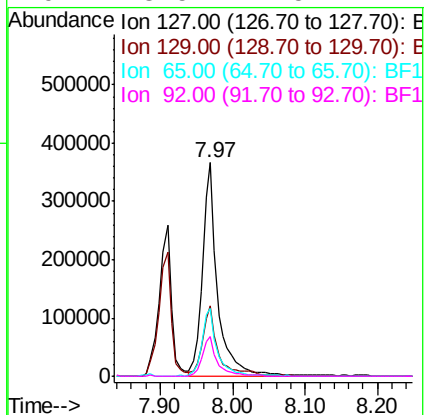
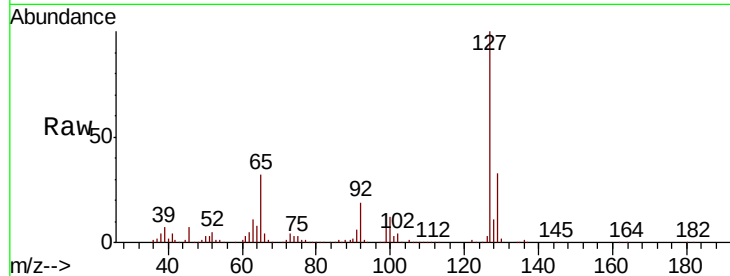
#33
4-Chloroaniline
Concen: 20.648 ng
RT: 7.97 min Scan# 1000
Delta R.T. -0.00 min
Lab File: BF120344.D
Acq: 18 May 2020 16:23

Instrument :
BNA_F
ClientSampled :
PB128942BSD

Tot Ion	Ion	Ratio	Resp	Lower	Upper
127	100		529372		
129	32.8	26.4	39.6		
65	31.8	24.8	37.2		
92	18.5	14.5	21.7		

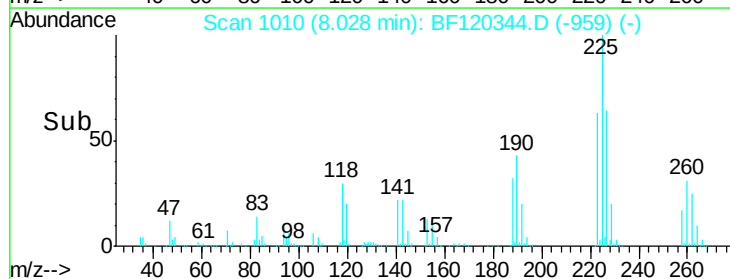
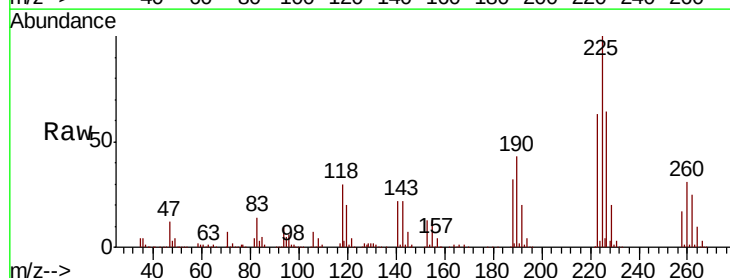
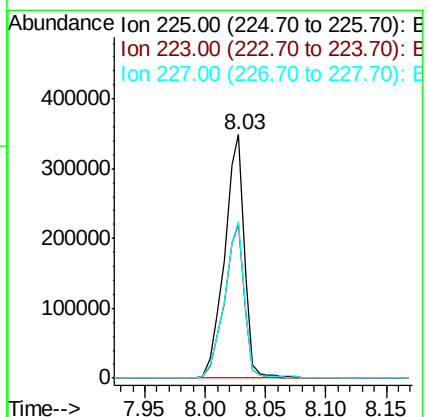
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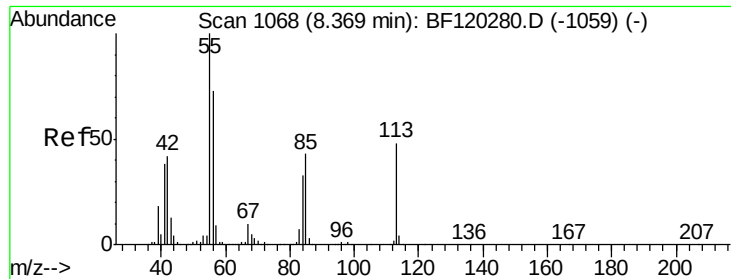
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#34
Hexachlorobutadiene
Concen: 37.888 ng
RT: 8.03 min Scan# 1010
Delta R.T. -0.00 min
Lab File: BF120344.D
Acq: 18 May 2020 16:23

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
225	100		397306		
223	63.1	51.4	77.0		
227	64.3	54.0	81.0		





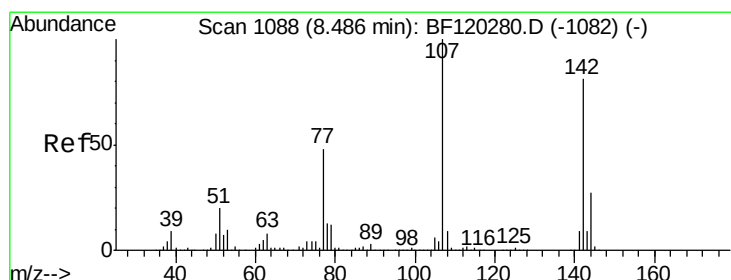
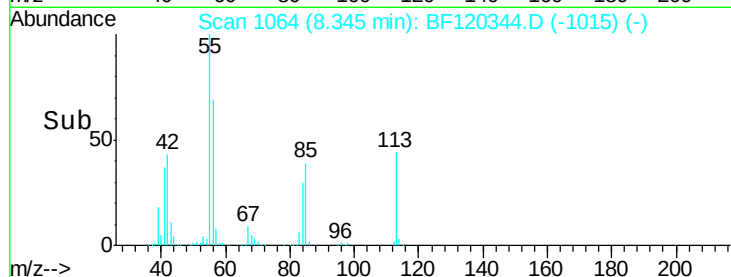
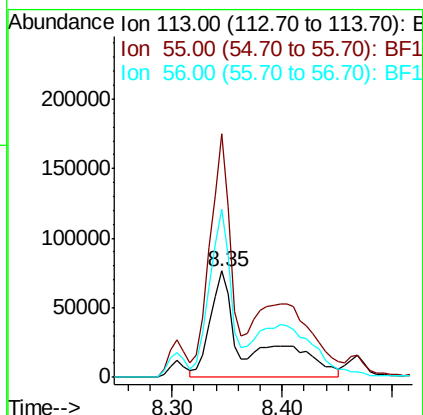
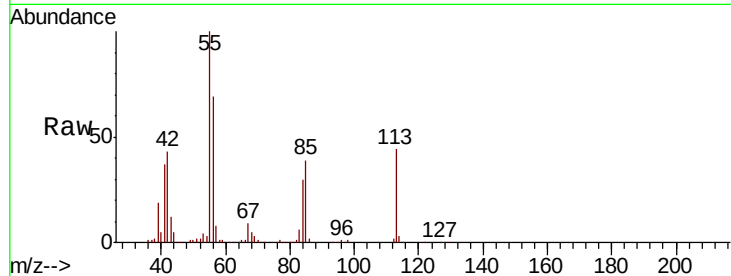
#35
 Caprolactam
 Concen: 35.618 ng/ml
 RT: 8.35 min Scan# 1064
 Delta R.T. -0.01 min
 Lab File: BF120344.D
 Acq: 18 May 2020 16:23

Instrument :
 BNA_F
 ClientSampleId :
 PB128942BSD

Tot Ion	Ratio	Lower	Upper
113	100		
55	228.7	190.4	230.4
56	158.3	132.7	172.7

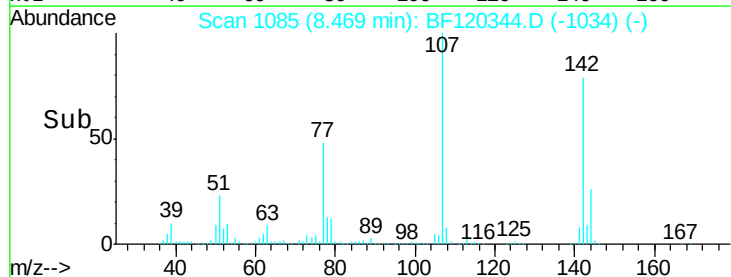
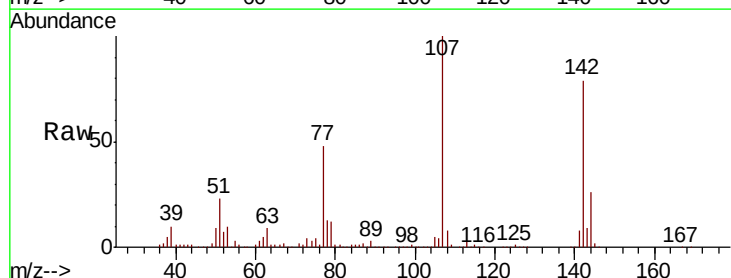
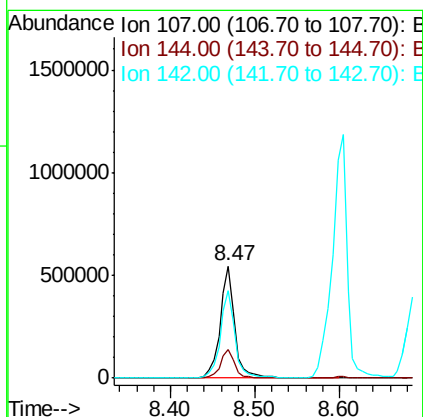
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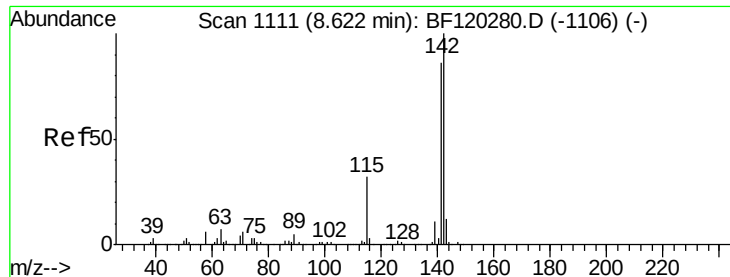
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#36
 4-Chloro-3-methylphenol
 Concen: 37.391 ng/ml
 RT: 8.47 min Scan# 1085
 Delta R.T. -0.00 min
 Lab File: BF120344.D
 Acq: 18 May 2020 16:23

Tgt Ion	Ratio	Lower	Upper
107	100		
144	25.9	21.4	32.2
142	78.5	65.1	97.7





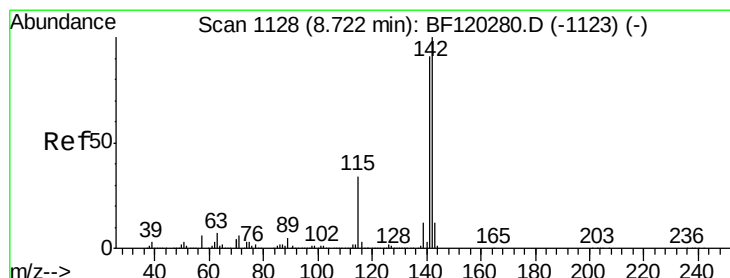
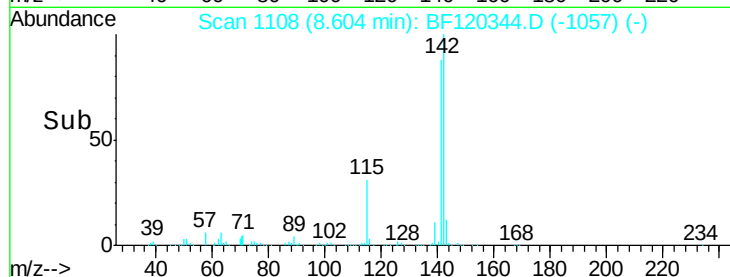
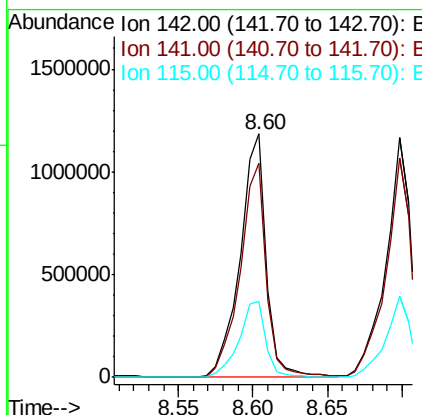
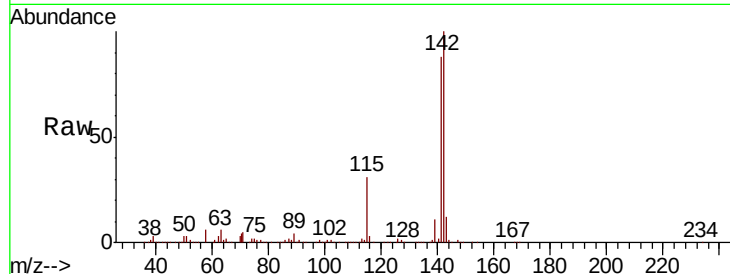
#37
2-Methylnaphthalene
Concen: 37.390 ng
RT: 8.60 min Scan# 1108
Delta R.T. -0.00 min
Lab File: BF120344.D
Acq: 18 May 2020 16:23

Instrument :
BNA_F
ClientSampleId :
PB128942BSD

Tot Ion	Ratio	Lower	Upper
142	100		
141	88.1	68.8	103.2
115	31.4	25.7	38.5

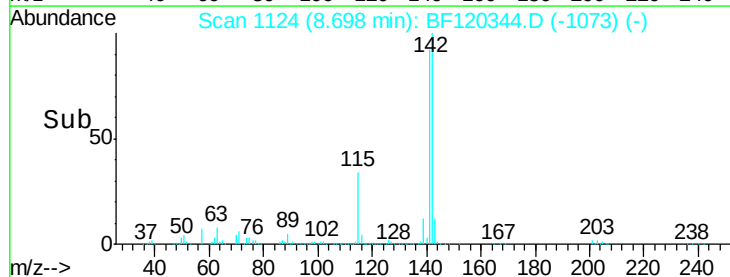
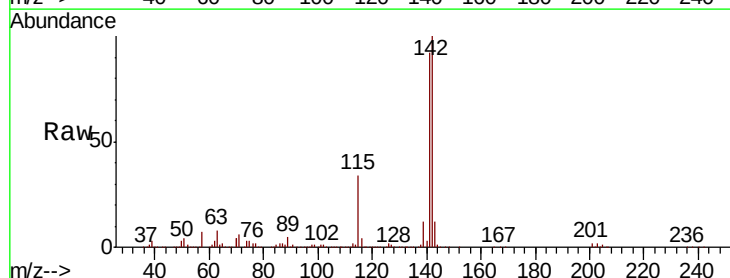
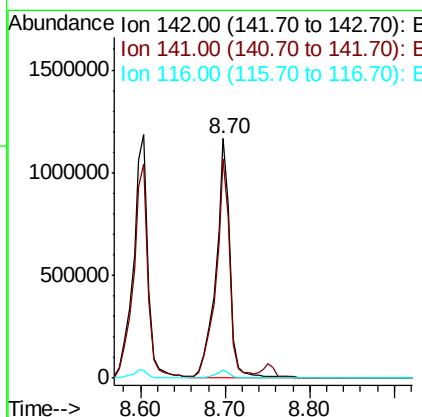
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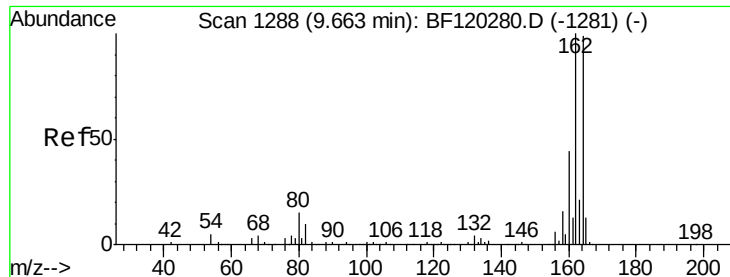
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#38
1-Methylnaphthalene
Concen: 36.803 ng
RT: 8.70 min Scan# 1124
Delta R.T. -0.00 min
Lab File: BF120344.D
Acq: 18 May 2020 16:23

Tgt Ion	Ratio	Lower	Upper
142	100		
141	91.7	73.0	109.6
116	3.6	2.7	4.1





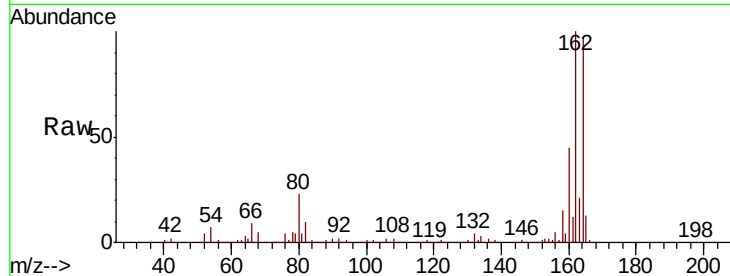
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.64 min Scan# 1284
Delta R.T. -0.01 min
Lab File: BF120344.D
Acq: 18 May 2020 16:23

Instrument :
BNA_F
ClientSampleId :
PB128942BSD

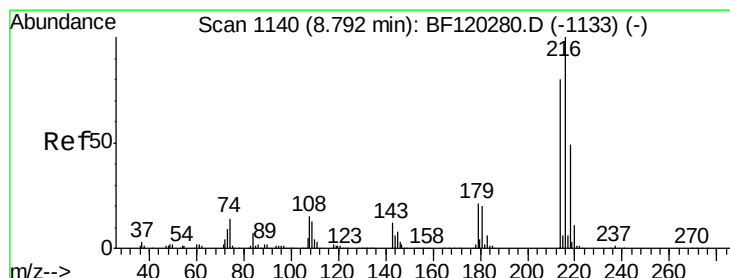
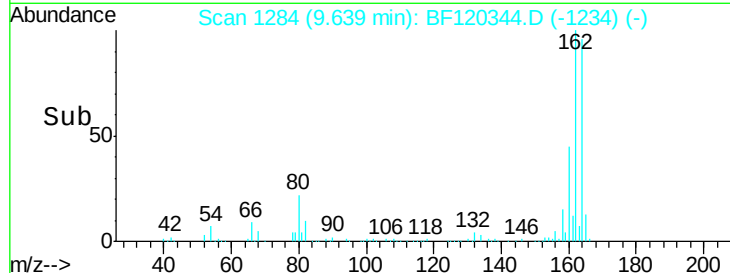
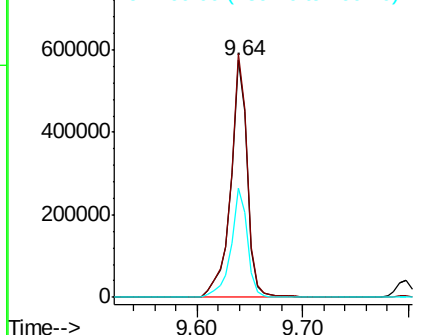
Tot Ion	Ratio	Resp	Lower	Upper
164	100			
162	102.7	81.2	121.8	
160	45.9	35.8	53.6	

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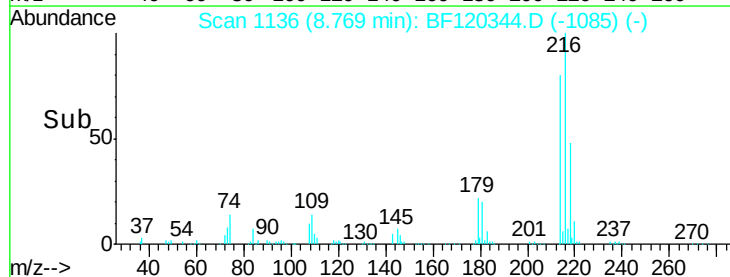
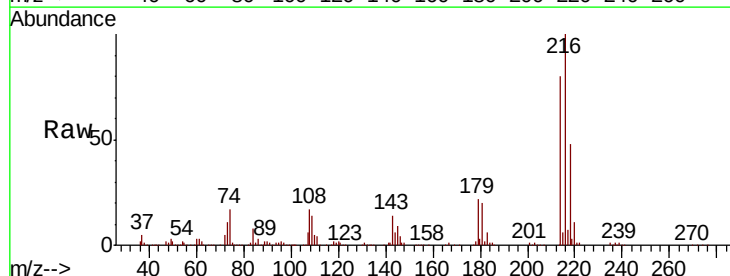
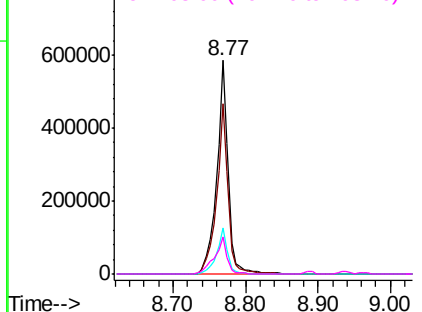
Abundance Ion 164.00 (163.70 to 164.70): E
Ion 162.00 (161.70 to 162.70): E
Ion 160.00 (159.70 to 160.70): E

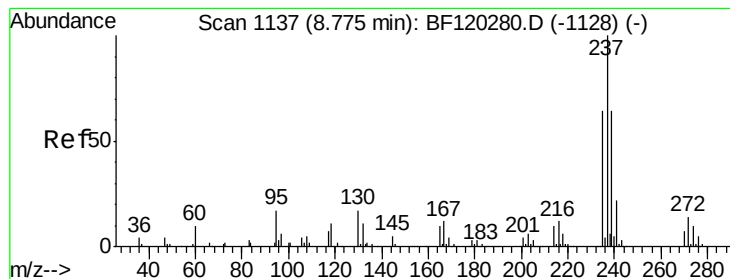


#40
1,2,4,5-Tetrachlorobenzene
Concen: 41.290 ng
RT: 8.77 min Scan# 1136
Delta R.T. -0.00 min
Lab File: BF120344.D
Acq: 18 May 2020 16:23

Tgt Ion	Ratio	Resp	Lower	Upper
216	100			
214	79.6	64.0	96.0	
179	20.7	16.9	25.3	
108	19.0	14.2	21.2	

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: 84.353 ng

RT: 8.75 min Scan# 1133

Delta R.T. -0.00 min

Lab File: BF120344.D

Acq: 18 May 2020 16:23

Instrument :

BNA_F

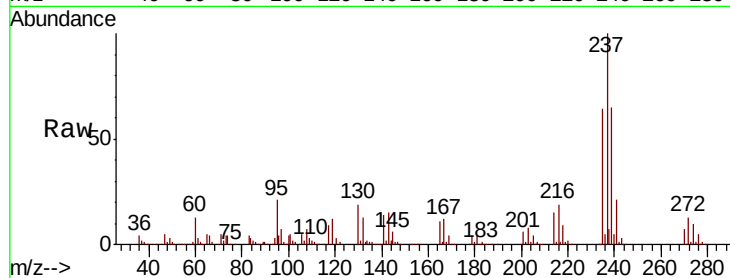
ClientSampleId :

PB128942BSD

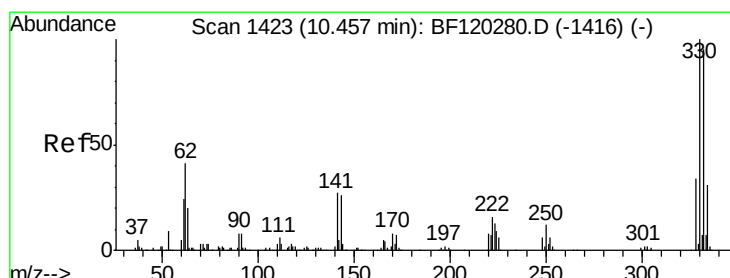
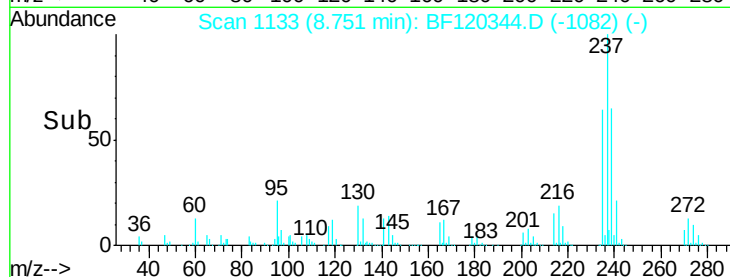
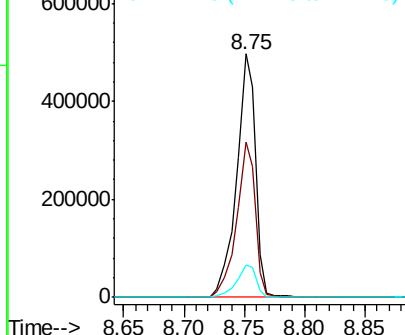
Tot Ion:	237	Resp:	543740
Ion Ratio	Lower	Upper	
237	100		
235	64.0	43.8	83.8
272	13.4	0.0	33.9

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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: 77.298 ng

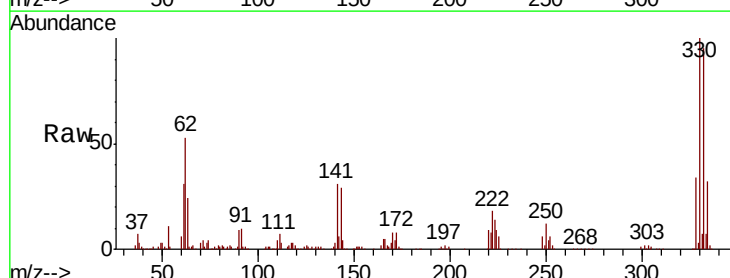
RT: 10.43 min Scan# 1419

Delta R.T. -0.00 min

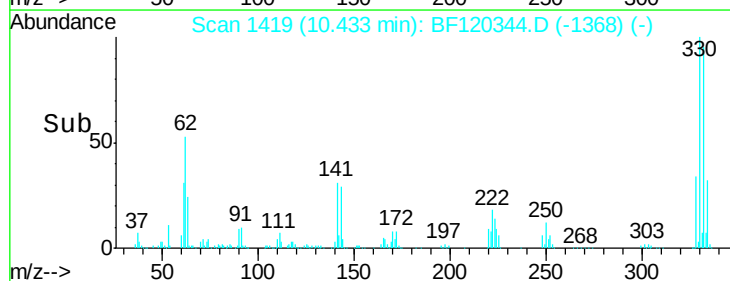
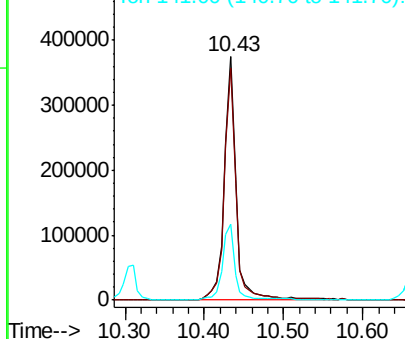
Lab File: BF120344.D

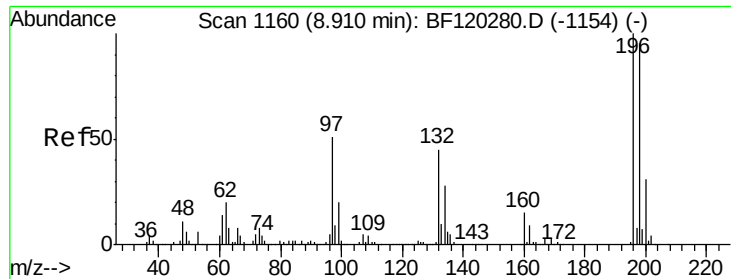
Acq: 18 May 2020 16:23

Tgt Ion:	330	Resp:	388763
Ion Ratio	Lower	Upper	
330	100		
332	96.9	76.5	114.7
141	32.3	25.4	38.0



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





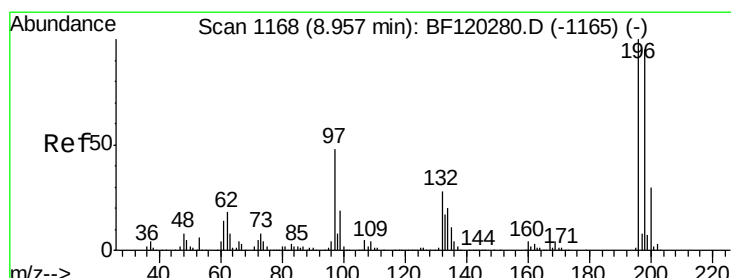
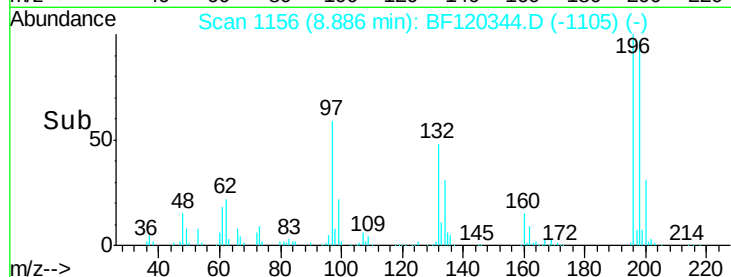
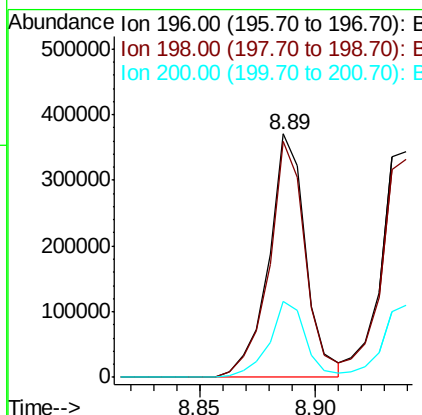
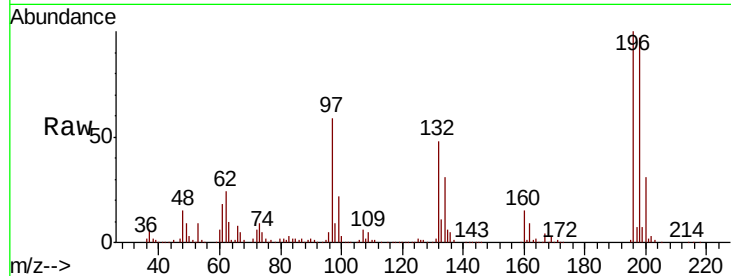
#43
 2,4,6-Trichlorophenol
 Concen: 39.328 ng
 RT: 8.89 min Scan# 1156
 Delta R.T. -0.00 min
 Lab File: BF120344.D
 Acq: 18 May 2020 16:23

Instrument :
 BNA_F
 ClientSampleId :
 PB128942BSD

Tot Ion	Ratio	Resp	Lower	Upper
196	100	410605		
198	96.8	76.2	114.4	
200	31.4	24.9	37.3	

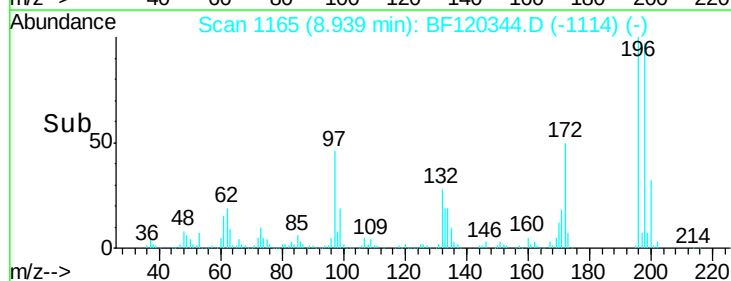
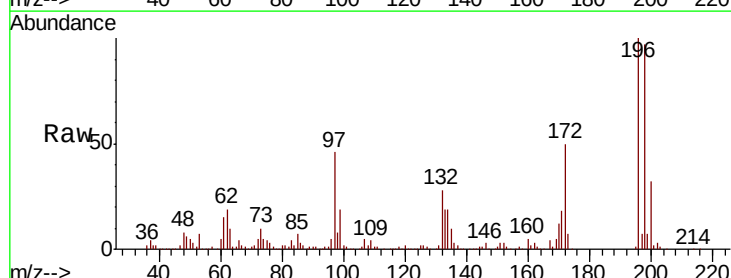
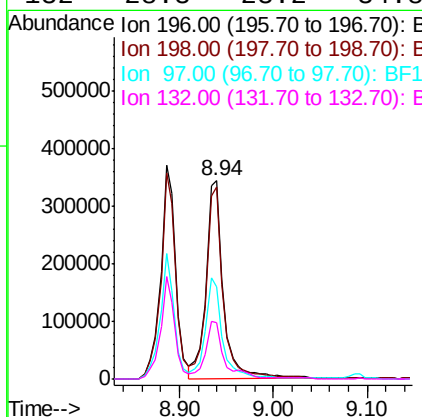
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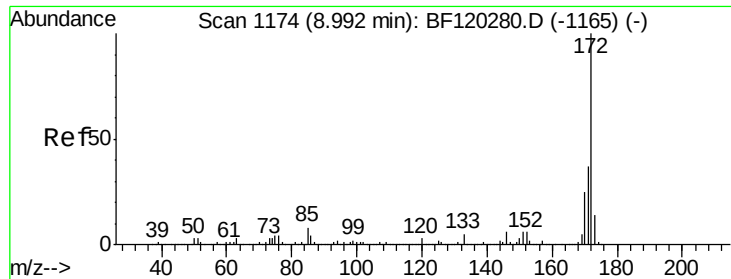
mohammad
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#44
 2,4,5-Trichlorophenol
 Concen: 37.250 ng
 RT: 8.94 min Scan# 1165
 Delta R.T. -0.00 min
 Lab File: BF120344.D
 Acq: 18 May 2020 16:23

Tgt Ion	Ratio	Resp	Lower	Upper
196	100	446628		
198	96.7	76.2	114.4	
97	46.3	38.6	57.8	
132	28.3	23.2	34.8	





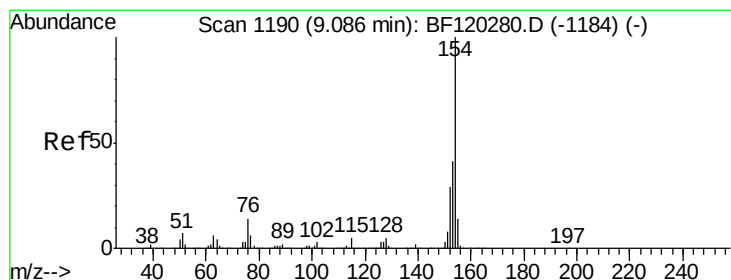
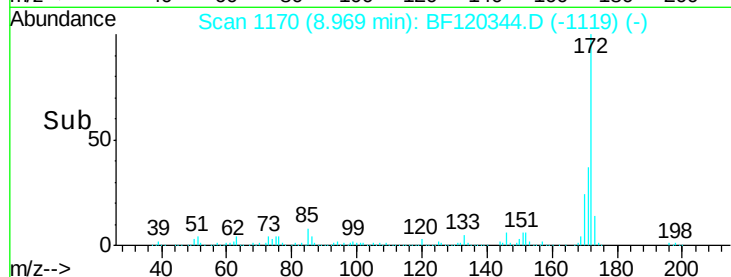
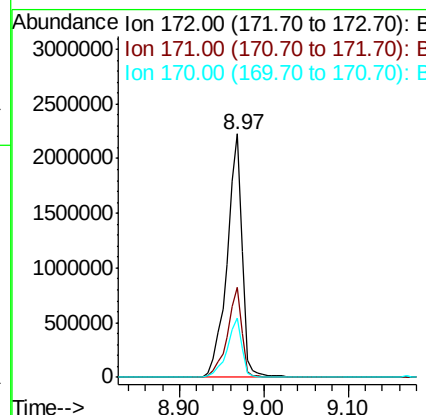
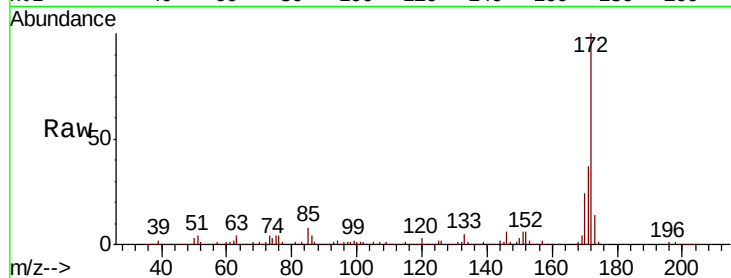
#45
2-Fluorobiphenyl
Concen: 92.179 ng
RT: 8.97 min Scan# 1170
Delta R.T. -0.00 min
Lab File: BF120344.D
Acq: 18 May 2020 16:23

Instrument :
BNA_F
ClientSampleId :
PB128942BSD

Tot Ion	Ratio	Lower	Upper
172	100		
171	36.8	29.7	44.5
170	24.5	19.9	29.9

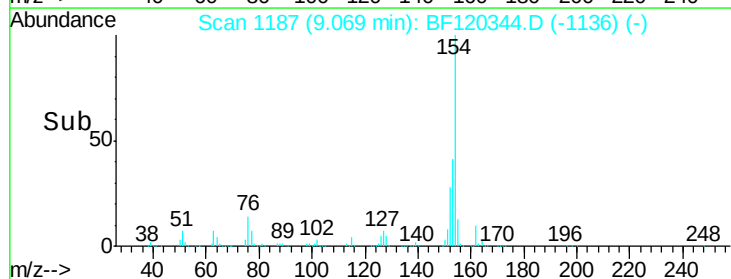
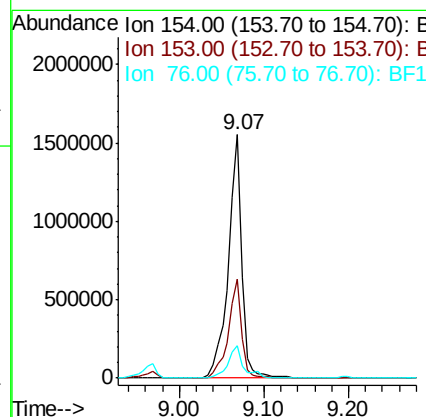
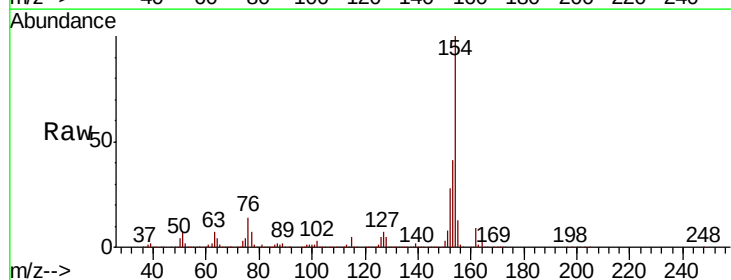
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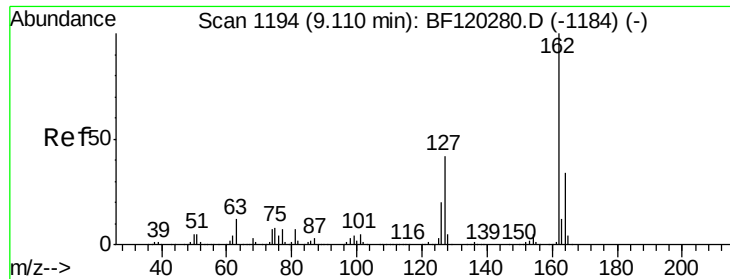
mohammad
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#46
1,1'-Biphenyl
Concen: 42.614 ng
RT: 9.07 min Scan# 1187
Delta R.T. -0.00 min
Lab File: BF120344.D
Acq: 18 May 2020 16:23

Tgt Ion	Ratio	Lower	Upper
154	100		
153	40.5	20.8	60.8
76	13.6	0.0	34.3





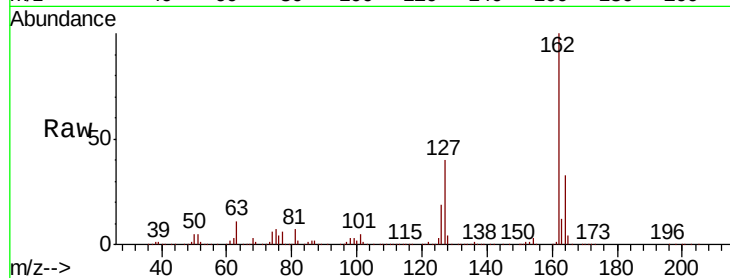
#47
 2-Chloronaphthalene
 Concen: 40.188 ng
 RT: 9.09 min Scan# 1191
 Delta R.T. -0.00 min
 Lab File: BF120344.D
 Acq: 18 May 2020 16:23

Instrument :
 BNA_F
 ClientSampleId :
 PB128942BSD

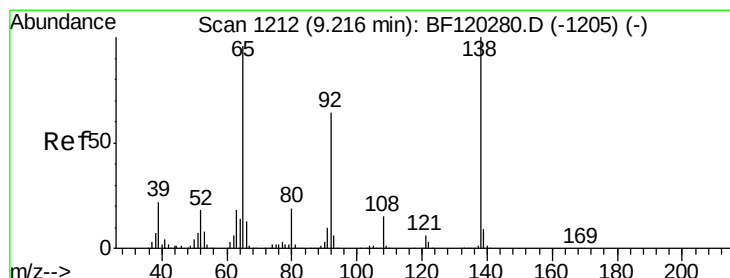
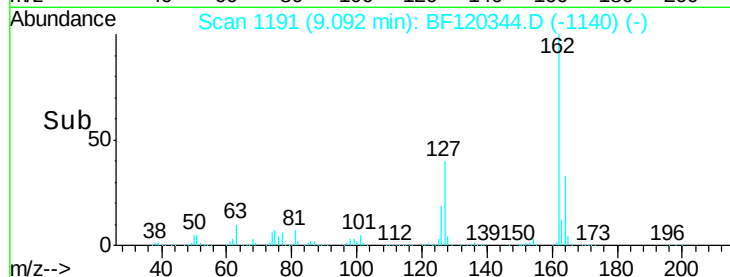
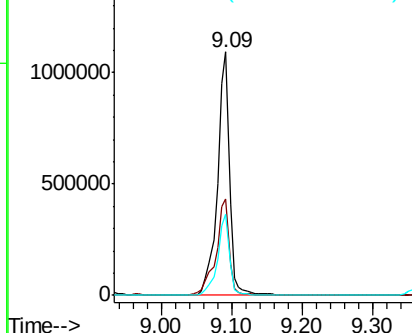
Tot Ion	Ratio	Lower	Upper
162	100		
127	39.6	33.4	50.0
164	33.2	27.0	40.6

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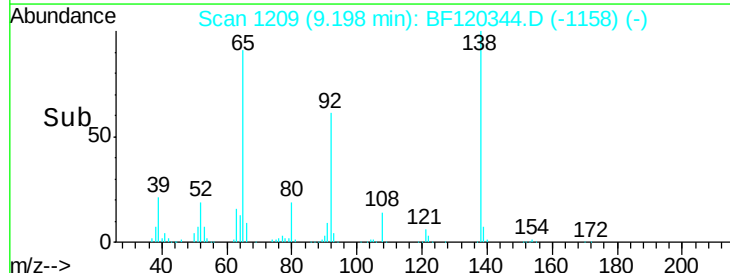
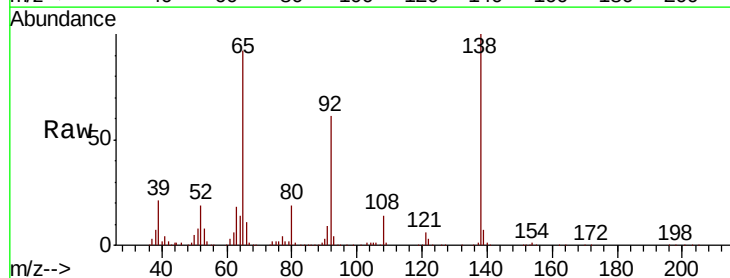
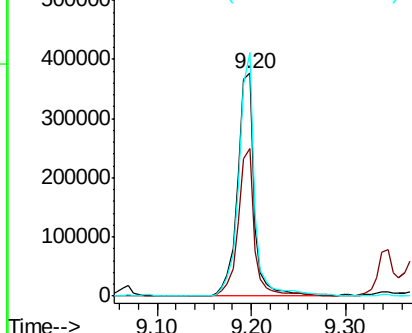
Abundance Ion 162.00 (161.70 to 162.70): E
 Ion 127.00 (126.70 to 127.70): E
 Ion 164.00 (163.70 to 164.70): E

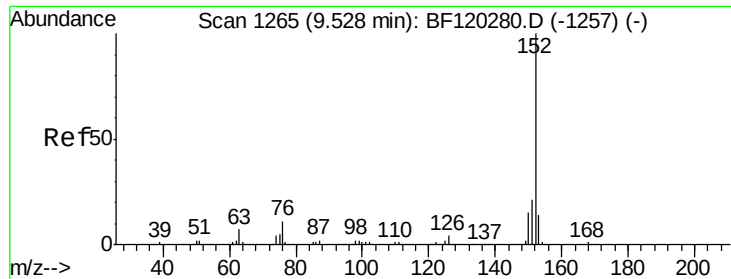


#48
 2-Nitroaniline
 Concen: 39.726 ng
 RT: 9.20 min Scan# 1209
 Delta R.T. -0.00 min
 Lab File: BF120344.D
 Acq: 18 May 2020 16:23

Tgt Ion	Ratio	Lower	Upper
65	100		
92	66.5	52.9	79.3
138	109.3	83.0	124.4

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





#49

Acenaphthylene

Concen: 41.400 ng

RT: 9.50 min Scan# 1261

Delta R.T. -0.00 min

Lab File: BF120344.D

Acq: 18 May 2020 16:23

Instrument :

BNA_F

ClientSampleId :

PB128942BSD

Tot Ion:152 Resp: 2050240

Ion Ratio Lower Upper

152 100

151 20.3 16.6 25.0

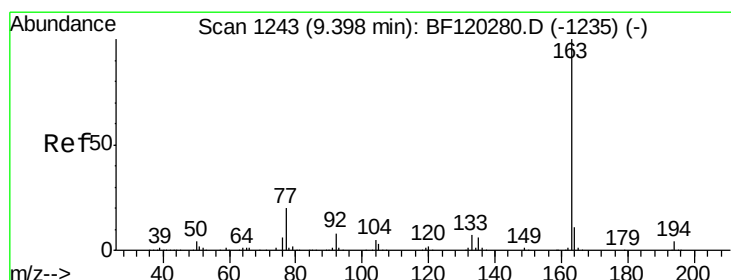
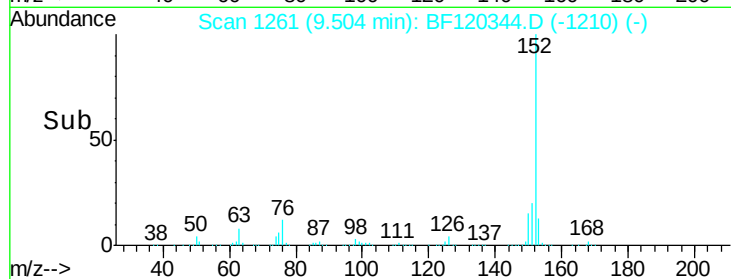
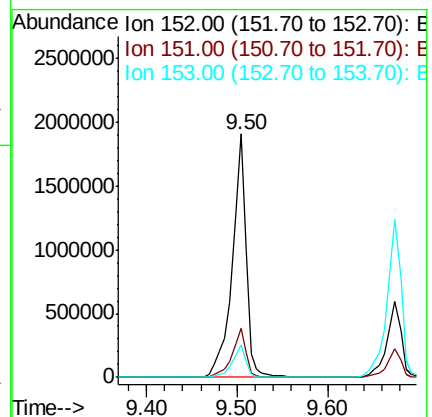
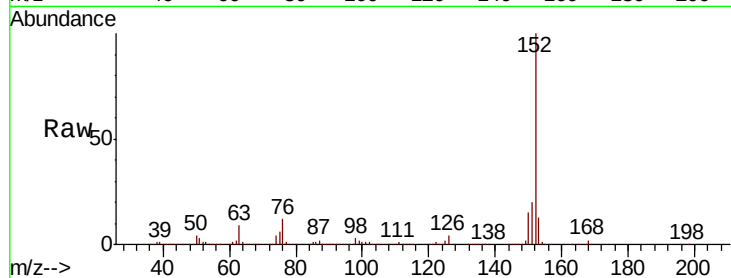
153 13.4 11.1 16.7

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#50

Dimethylphthalate

Concen: 38.643 ng

RT: 9.38 min Scan# 1240

Delta R.T. -0.00 min

Lab File: BF120344.D

Acq: 18 May 2020 16:23

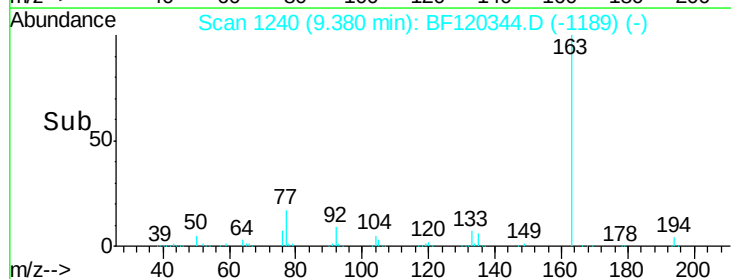
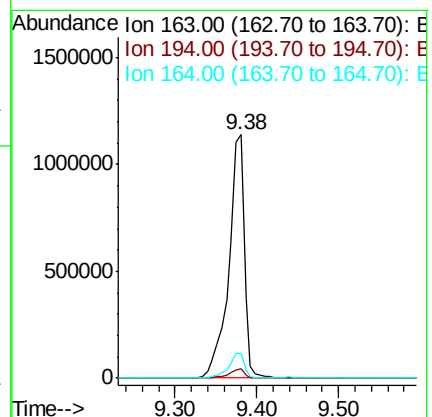
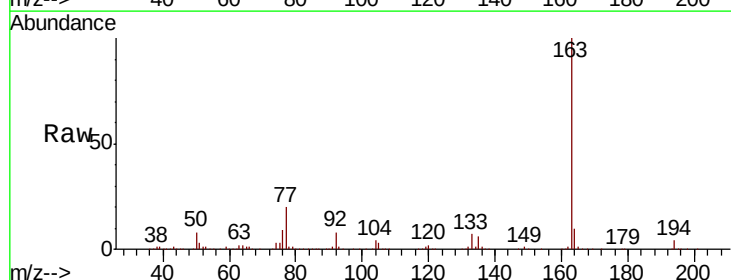
Tgt Ion:163 Resp: 1506813

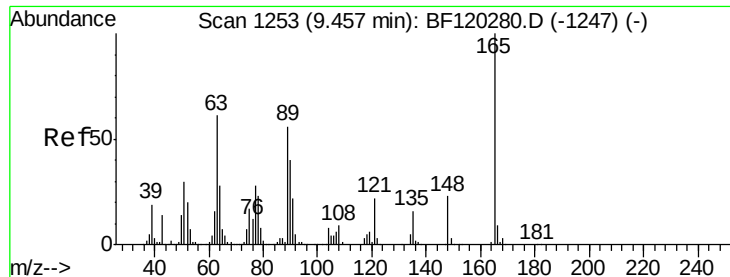
Ion Ratio Lower Upper

163 100

194 4.0 3.1 4.7

164 10.0 8.6 12.8





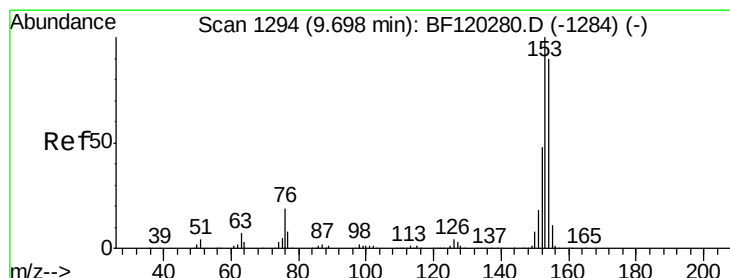
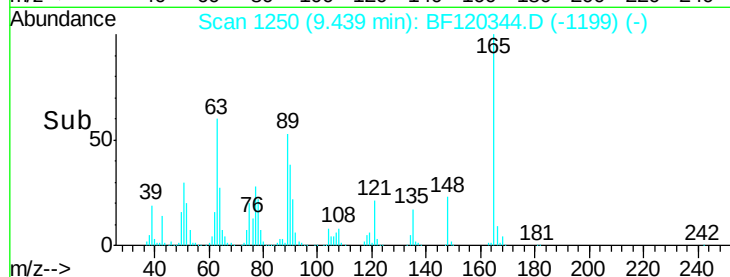
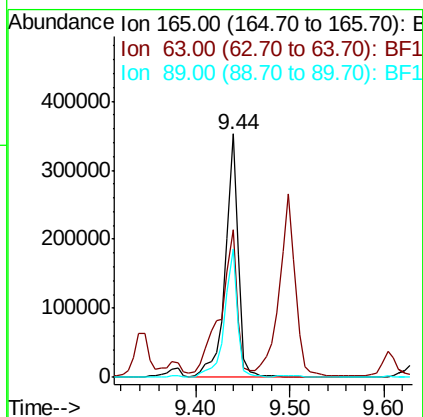
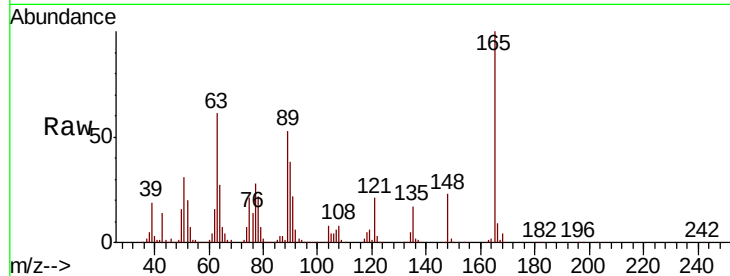
#51
2,6-Dinitrotoluene
Concen: 38.654 ng
RT: 9.44 min Scan# 1250
Delta R.T. -0.00 min
Lab File: BF120344.D
Acq: 18 May 2020 16:23

Instrument :
BNA_F
ClientSampleId :
PB128942BSD

Tot Ion	Ratio	Lower	Upper
165	100		
63	60.5	50.2	75.2
89	52.7	44.6	66.8

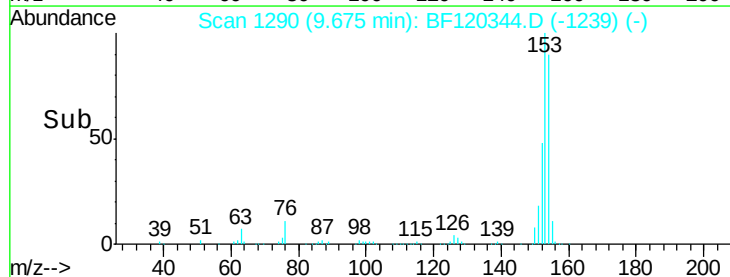
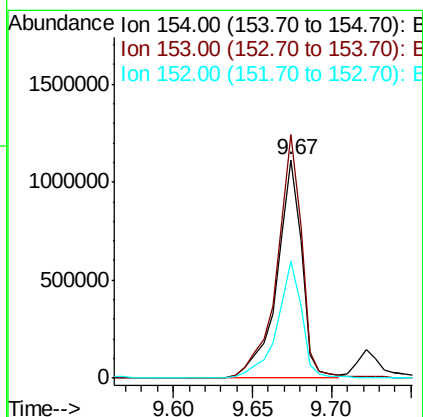
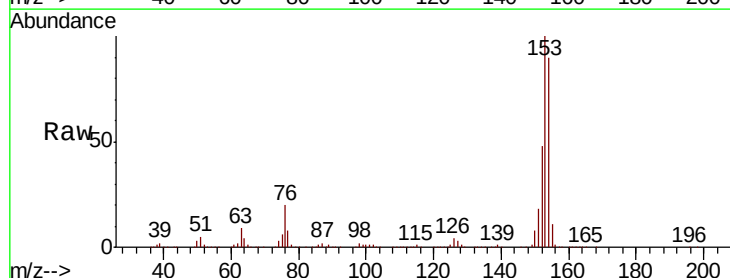
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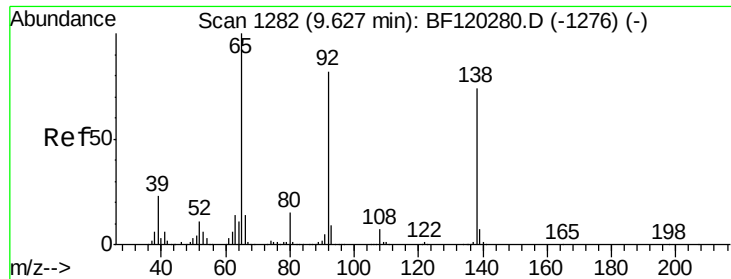
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#52
Acenaphthene
Concen: 40.790 ng
RT: 9.67 min Scan# 1290
Delta R.T. -0.00 min
Lab File: BF120344.D
Acq: 18 May 2020 16:23

Tgt Ion	Ratio	Lower	Upper
154	100		
153	111.5	89.0	133.4
152	53.7	42.6	64.0





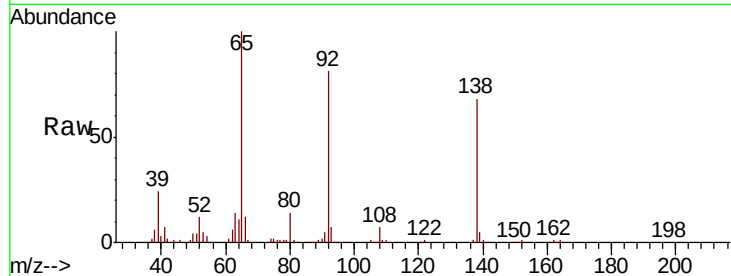
#53
3-Nitroaniline
Concen: 21.814 ng
RT: 9.60 min Scan# 1278
Delta R.T. -0.01 min
Lab File: BF120344.D
Acq: 18 May 2020 16:23

Instrument :
BNA_F
ClientSampleId :
PB128942BSD

Tot Ion	Ratio	Resp	Lower	Upper
138	100	226395		
108	10.6	8.2	12.2	
92	117.7	89.6	134.4	

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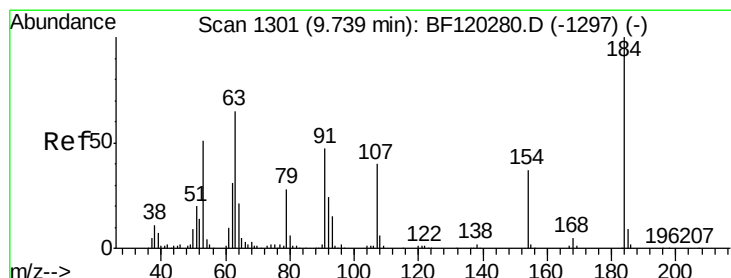
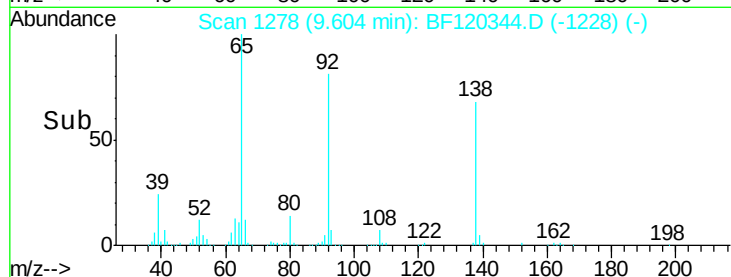
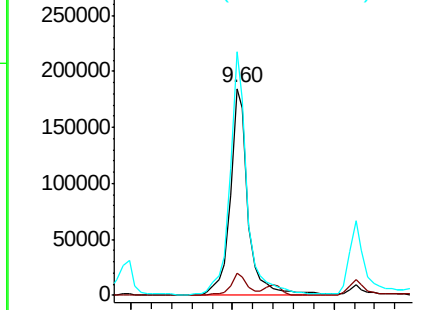


Abundance

Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BF1



#54
2,4-Dinitrophenol
Concen: 71.215 ng
RT: 9.72 min Scan# 1298
Delta R.T. -0.00 min
Lab File: BF120344.D
Acq: 18 May 2020 16:23

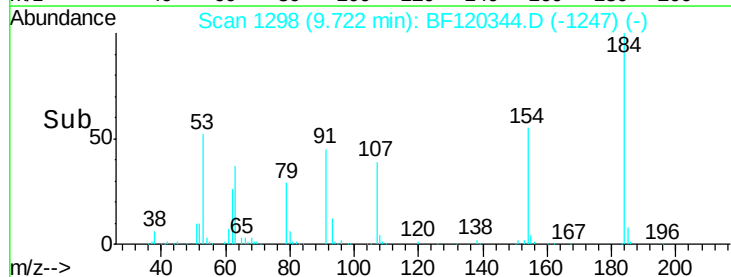
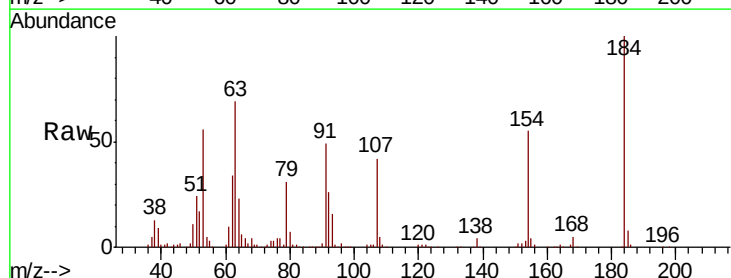
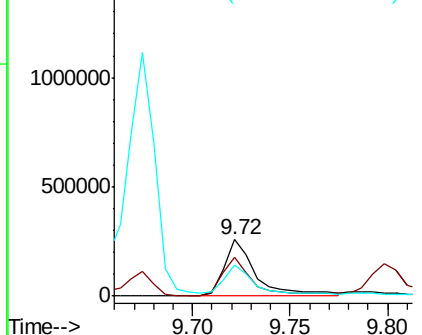
Tgt Ion	Ratio	Resp	Lower	Upper
184	100	292557		
63	68.6	53.6	80.4	
154	55.2	46.8	70.2	

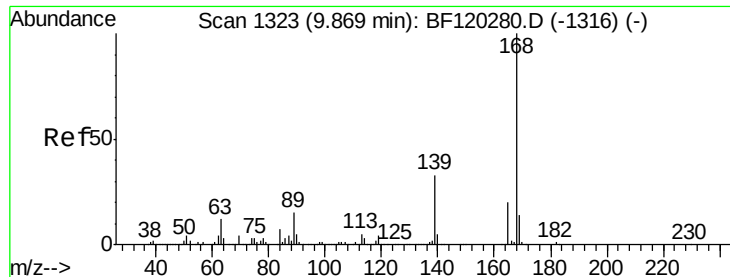
Abundance

Ion 184.00 (183.70 to 184.70): E

Ion 63.00 (62.70 to 63.70): BF1

Ion 154.00 (153.70 to 154.70): E





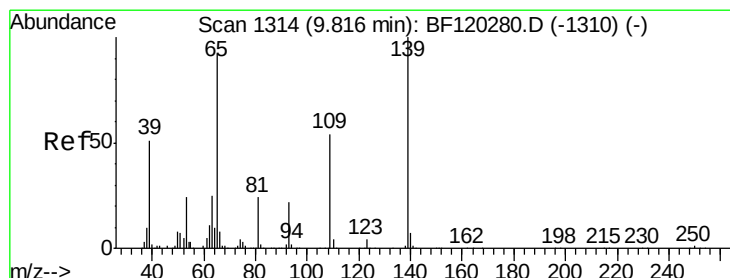
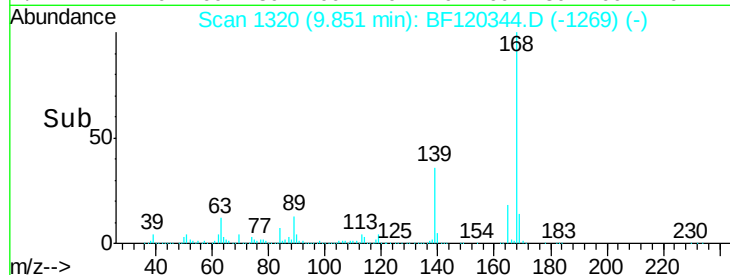
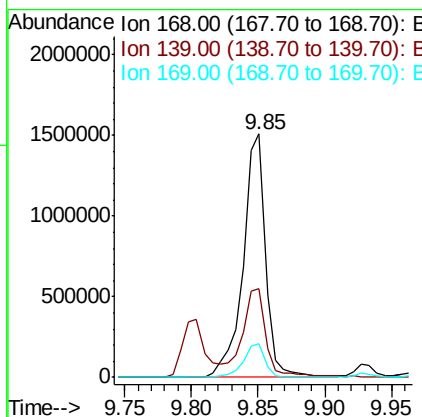
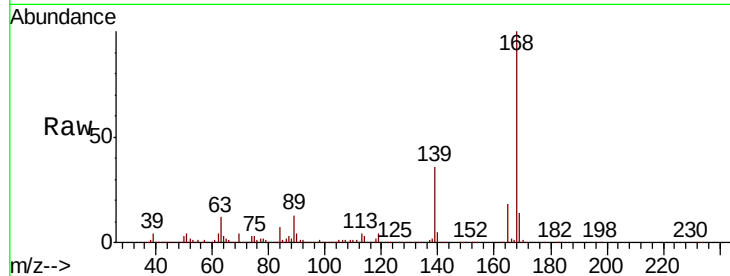
#55
Dibenzenofuran
Concen: 40.885 ng
RT: 9.85 min Scan# 1320
Delta R.T. -0.00 min
Lab File: BF120344.D
Acq: 18 May 2020 16:23

Instrument :
BNA_F
ClientSampleId :
PB128942BSD

Tot Ion	Ratio	Lower	Upper
168	100		
139	36.4	29.8	44.6
169	13.7	11.0	16.6

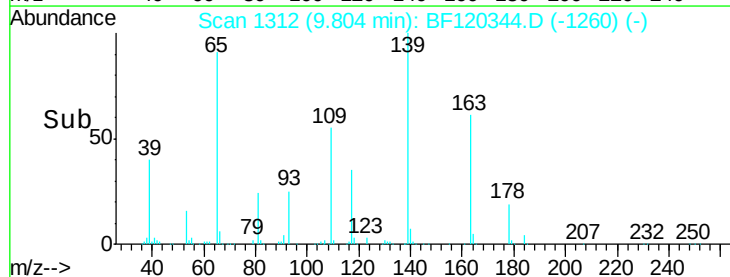
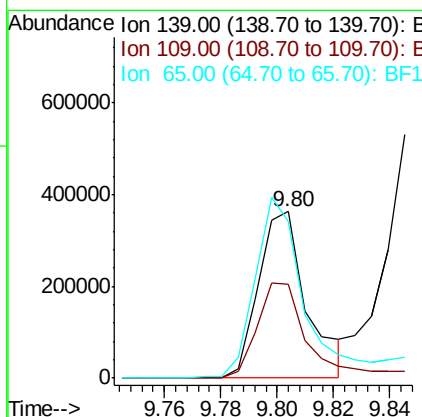
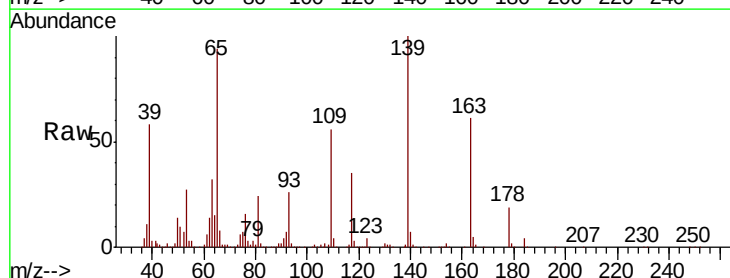
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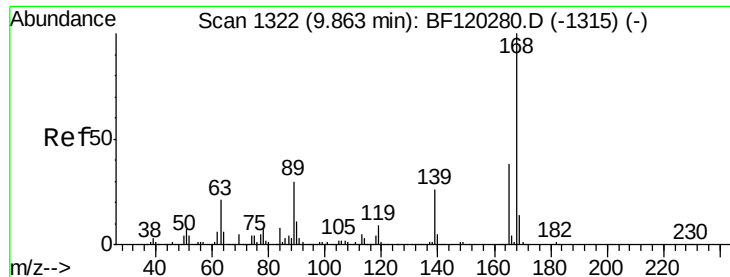
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#56
4-Nitrophenol
Concen: 77.466 ng
RT: 9.80 min Scan# 1312
Delta R.T. 0.01 min
Lab File: BF120344.D
Acq: 18 May 2020 16:23

Tgt Ion	Ratio	Lower	Upper
139	100		
109	55.9	34.6	74.6
65	94.0	73.3	113.3





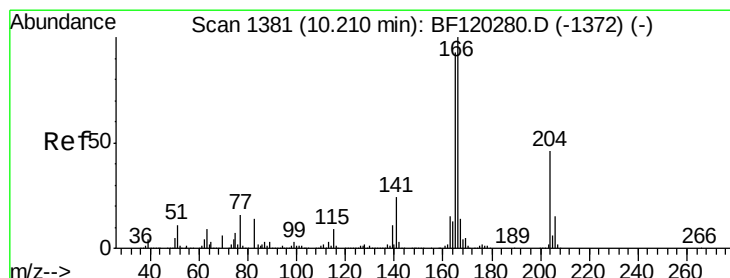
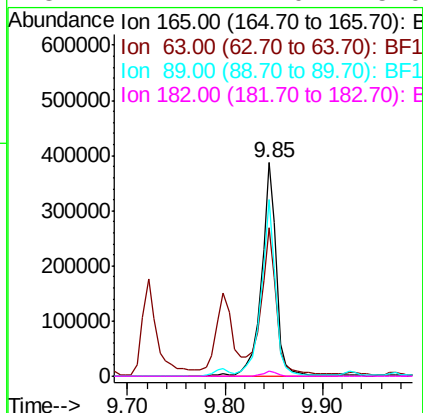
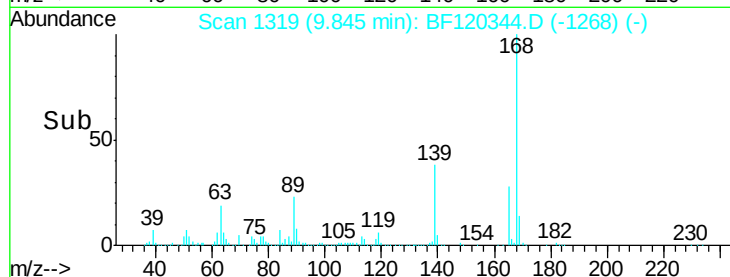
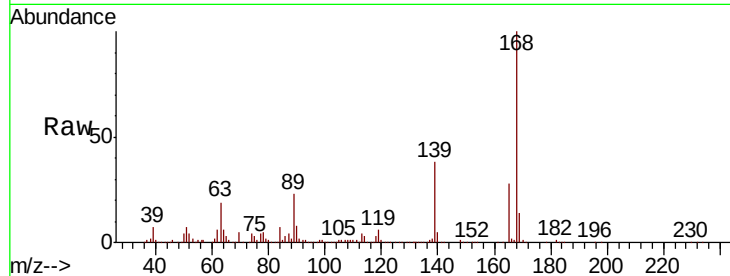
#57
 2,4-Dinitrotoluene
 Concen: 41.266 ng
 RT: 9.85 min Scan# 1319
 Delta R.T. -0.00 min
 Lab File: BF120344.D
 Acq: 18 May 2020 16:23

Instrument :
 BNA_F
 ClientSampleId :
 PB128942BSD

Tot Ion	Ion	Ratio	Resp	Lower	Upper
165	100		421287		
63	69.7	51.8	77.8		
89	82.5	64.2	96.4		
182	2.4	2.0	3.0		

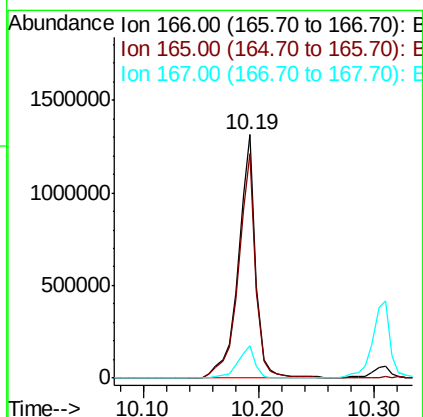
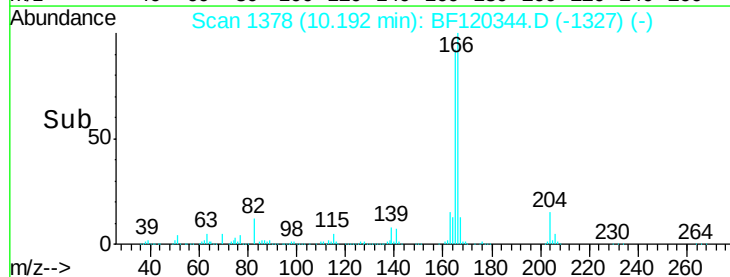
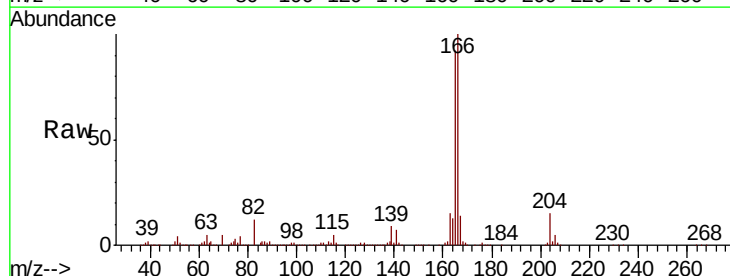
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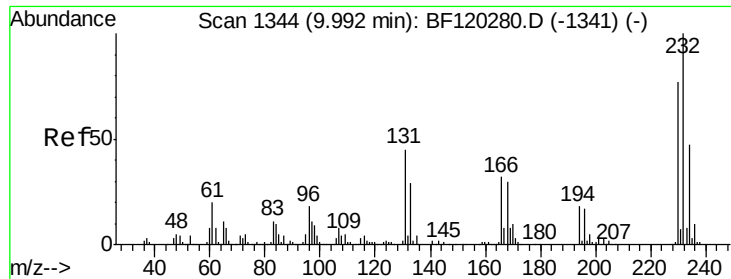
mohammad
 5/19/2020 3:05:13 PM



#58
 Fluorene
 Concen: 41.630 ng
 RT: 10.19 min Scan# 1378
 Delta R.T. -0.00 min
 Lab File: BF120344.D
 Acq: 18 May 2020 16:23

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
166	100		1355275		
165	92.4	74.7	112.1		
167	13.5	11.4	17.0		





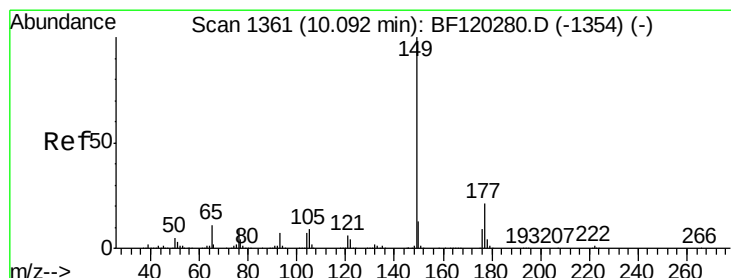
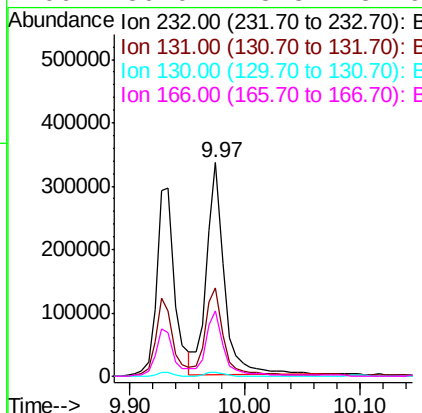
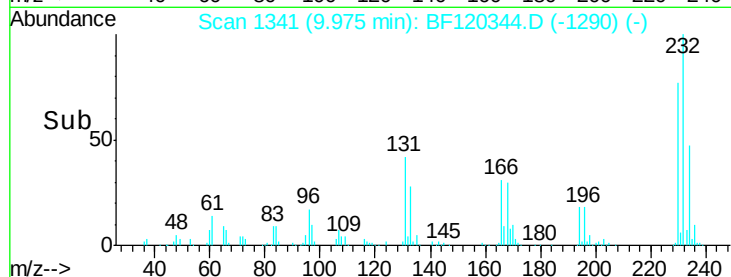
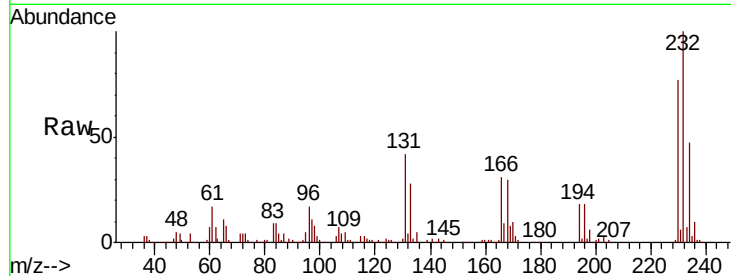
#59
 2,3,4,6-Tetrachlorophenol
 Concen: 40.081 ng
 RT: 9.97 min Scan# 1341
 Delta R.T. -0.00 min
 Lab File: BF120344.D
 Acq: 18 May 2020 16:23

Instrument :
 BNA_F
 ClientSampleId :
 PB128942BSD

Tot Ion	Ratio	Resp	Lower	Upper
232	100	361661		
131	42.2		34.1	51.1
130	2.2		1.7	2.5
166	30.0		23.3	34.9

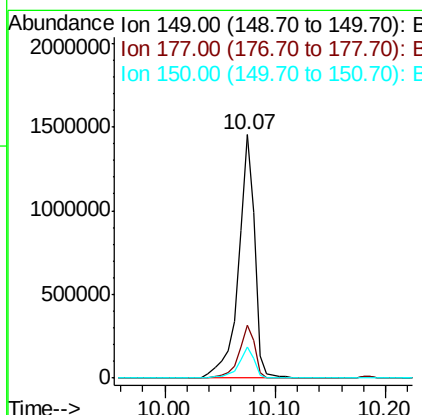
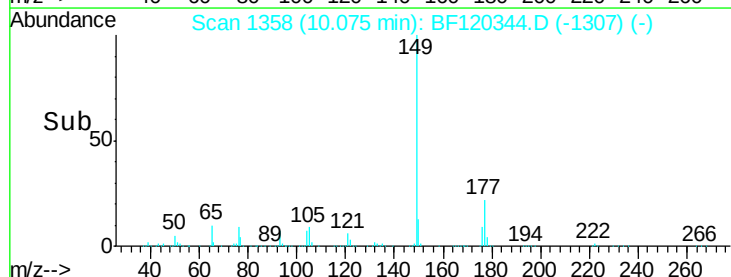
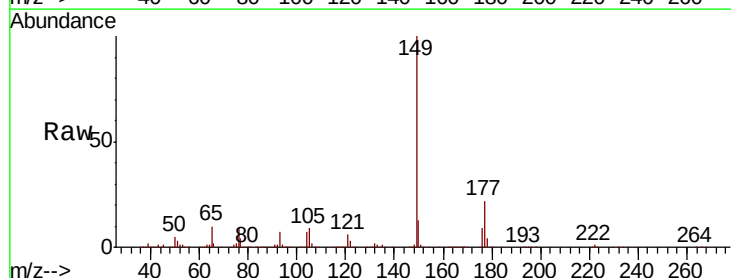
Manual Integrations
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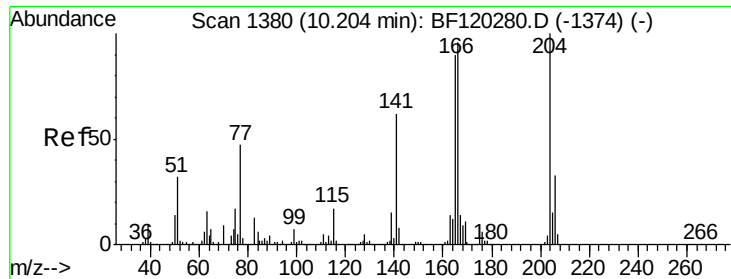
mohammad
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#60
 Diethylphthalate
 Concen: 39.664 ng
 RT: 10.07 min Scan# 1358
 Delta R.T. -0.00 min
 Lab File: BF120344.D
 Acq: 18 May 2020 16:23

Tgt Ion	Ratio	Resp	Lower	Upper
149	100	1493157		
177	21.9		17.1	25.7
150	12.8		10.3	15.5





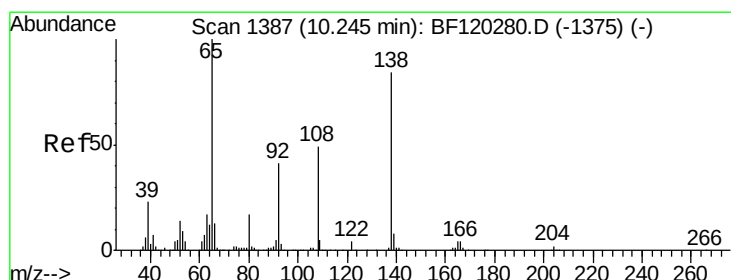
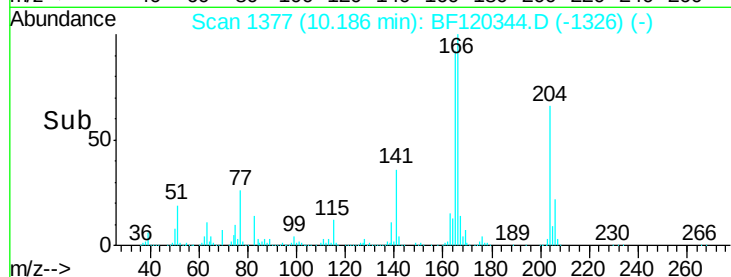
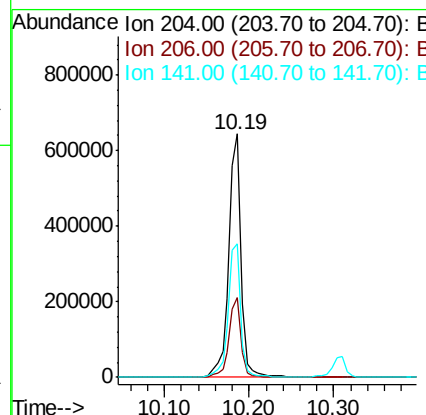
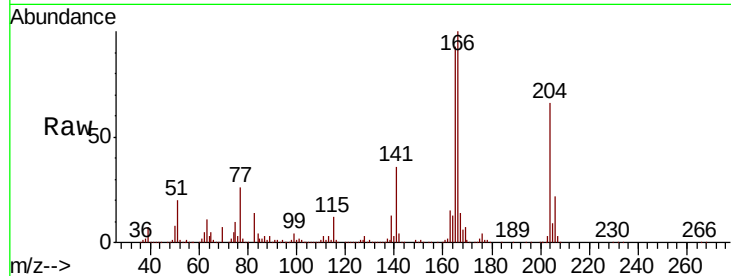
#61
4-Chlorophenyl-phenylether
Concen: 38.356 ng
RT: 10.19 min Scan# 1377
Delta R.T. -0.00 min
Lab File: BF120344.D
Acq: 18 May 2020 16:23

Instrument :
BNA_F
ClientSampleId :
PB128942BSD

Tot Ion	Ratio	Lower	Upper
204	100		
206	32.8	26.8	40.2
141	54.6	49.5	74.3

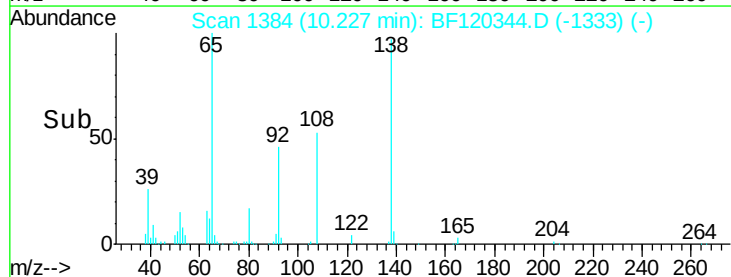
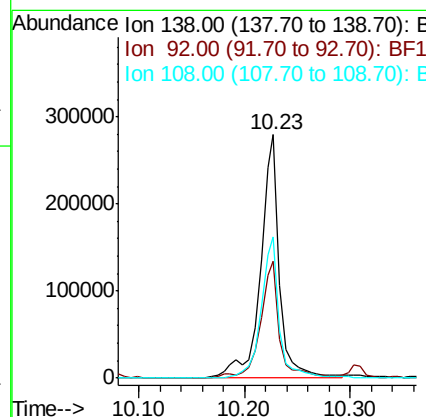
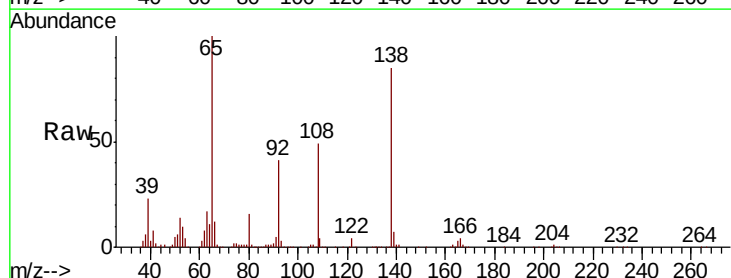
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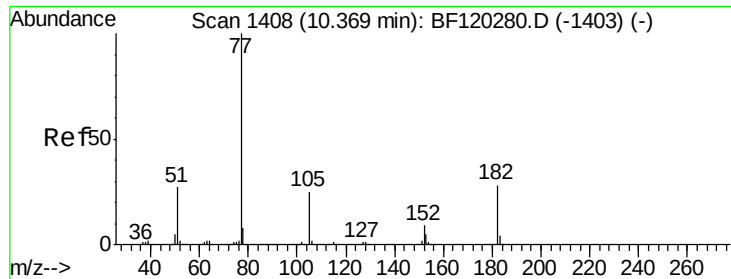
mohammad
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#62
4-Nitroaniline
Concen: 36.665 ng
RT: 10.23 min Scan# 1384
Delta R.T. -0.00 min
Lab File: BF120344.D
Acq: 18 May 2020 16:23

Tgt Ion	Ratio	Lower	Upper
138	100		
92	48.1	28.9	68.9
108	58.0	38.4	78.4





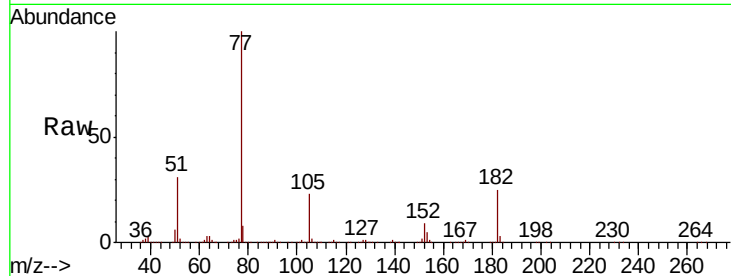
#63
Azobenzene
Concen: 39.154 ng
RT: 10.35 min Scan# 1404
Delta R.T. -0.00 min
Lab File: BF120344.D
Acq: 18 May 2020 16:23

Instrument :
BNA_F
ClientSampleId :
PB128942BSD

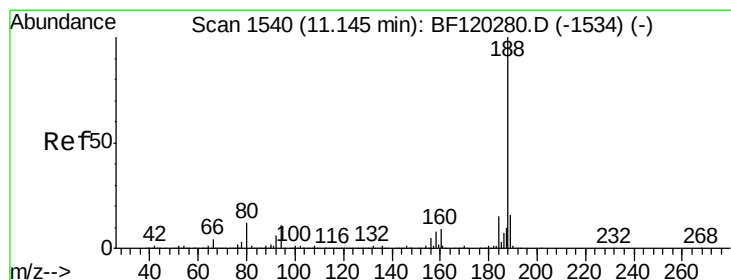
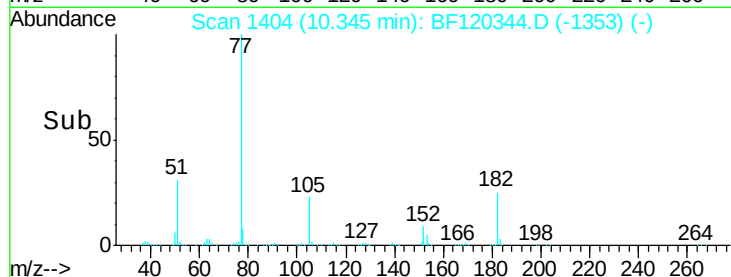
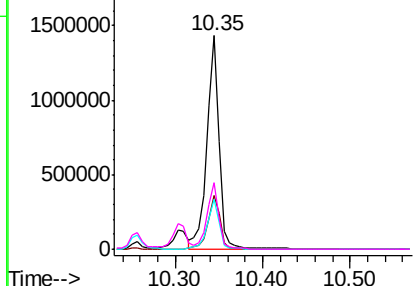
Tot Ion	Ratio	Lower	Upper
77	100		
182	25.0	7.4	47.4
105	23.3	4.4	44.4
51	31.2	8.3	48.3

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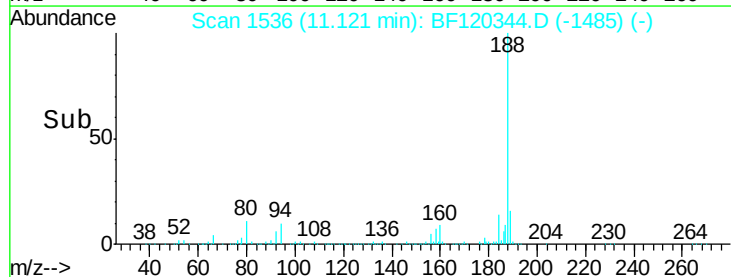
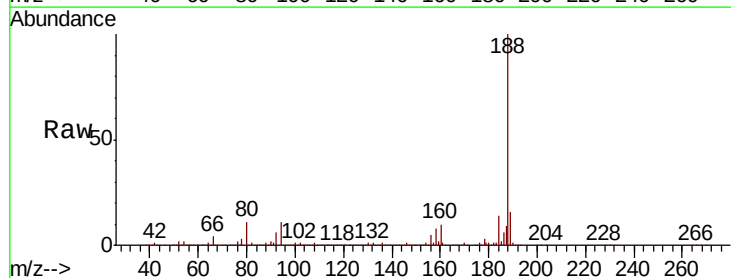
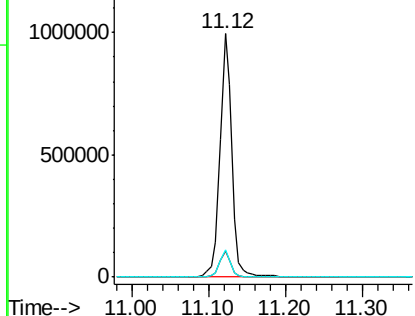
Abundance Ion 77.00 (76.70 to 77.70): BF1
Ion 182.00 (181.70 to 182.70): E
Ion 105.00 (104.70 to 105.70): E
Ion 51.00 (50.70 to 51.70): BF1

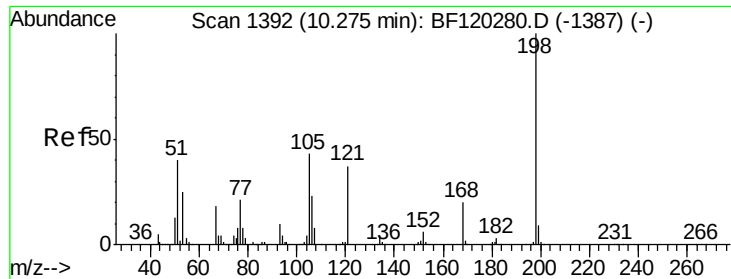


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.12 min Scan# 1536
Delta R.T. -0.00 min
Lab File: BF120344.D
Acq: 18 May 2020 16:23

Tgt Ion	Ratio	Lower	Upper
188	100		
94	10.8	8.6	13.0
80	11.1	9.2	13.8

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





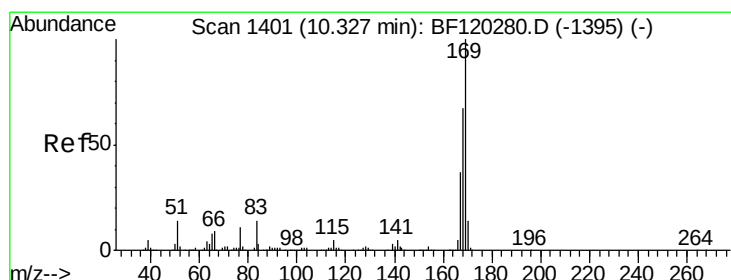
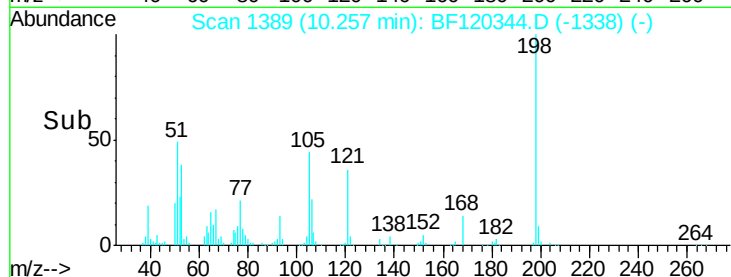
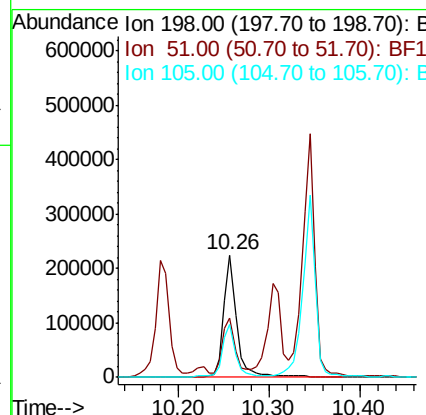
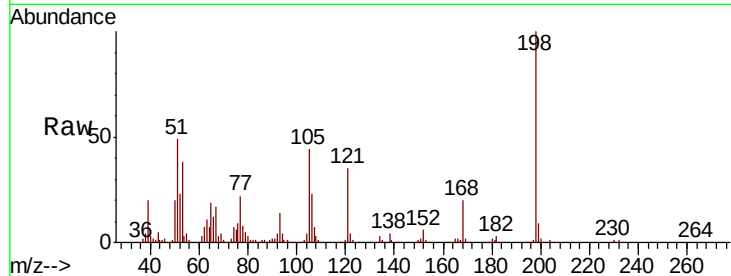
#65
 4,6-Dinitro-2-methylphenol
 Concen: 42.442 ng
 RT: 10.26 min Scan# 1389
 Delta R.T. -0.00 min
 Lab File: BF120344.D
 Acq: 18 May 2020 16:23

Instrument :
 BNA_F
 ClientSampleId :
 PB128942BSD

Tot Ion	Ratio	Resp	Lower	Upper
198	100	225935		
51	48.7		27.1	67.1
105	43.6		24.3	64.3

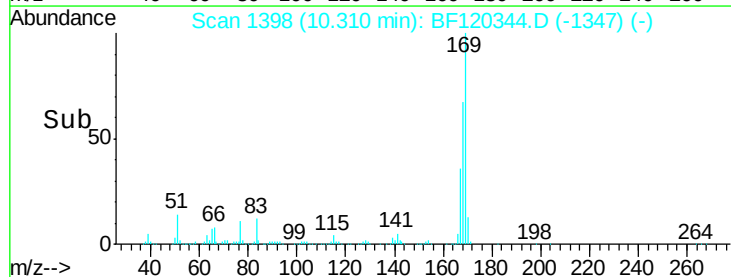
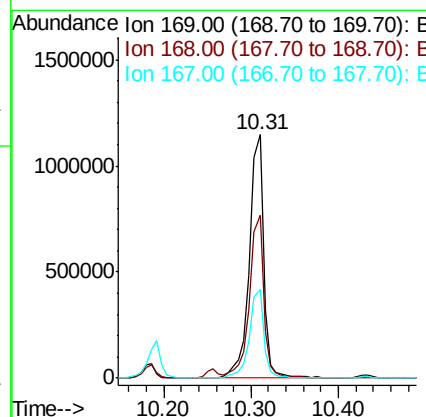
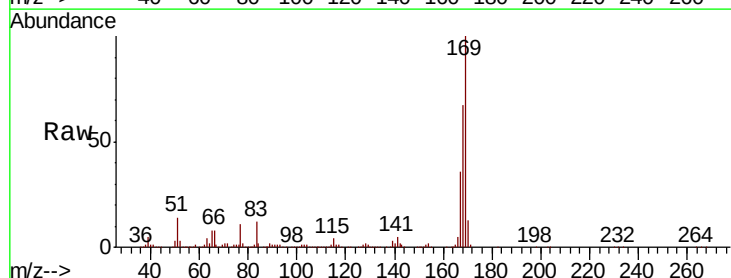
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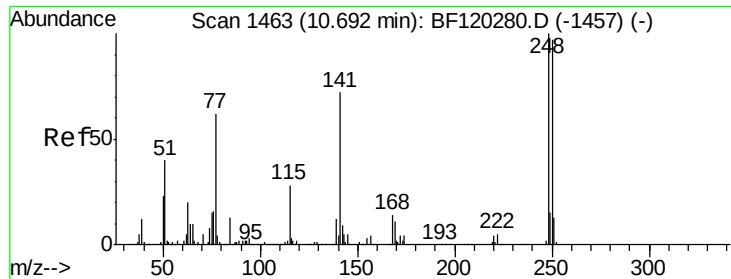
mohammad
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#66
 n-Nitrosodiphenylamine
 Concen: 42.613 ng
 RT: 10.31 min Scan# 1398
 Delta R.T. -0.00 min
 Lab File: BF120344.D
 Acq: 18 May 2020 16:23

Tgt Ion	Ratio	Resp	Lower	Upper
169	100	1240959		
168	67.2		53.7	80.5
167	36.5		29.8	44.6





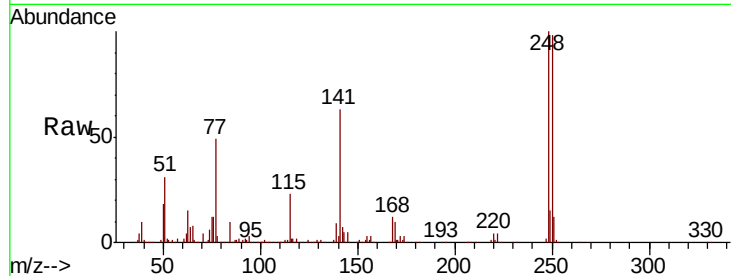
#67
4-Bromophenyl-phenylether
Concen: 37.873 ng
RT: 10.67 min Scan# 1460
Delta R.T. -0.00 min
Lab File: BF120344.D
Acq: 18 May 2020 16:23

Instrument :
BNA_F
ClientSampleId :
PB128942BSD

Tot Ion	Ratio	Lower	Upper
248	100		
250	98.5	77.8	116.6
141	62.9	57.7	86.5

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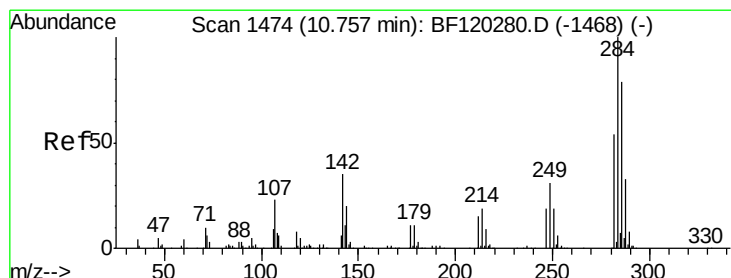
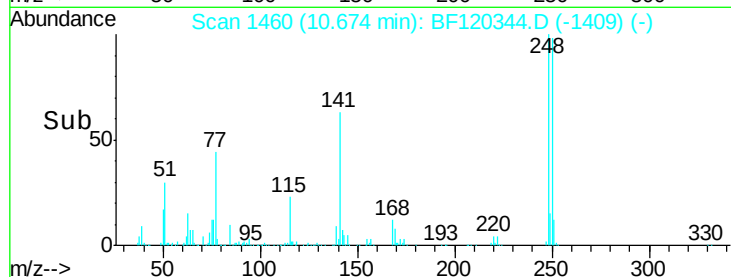
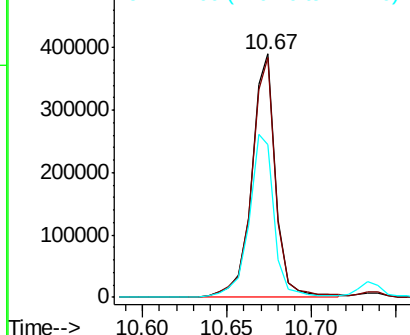


Abundance

Ion 248.00 (247.70 to 248.70): E

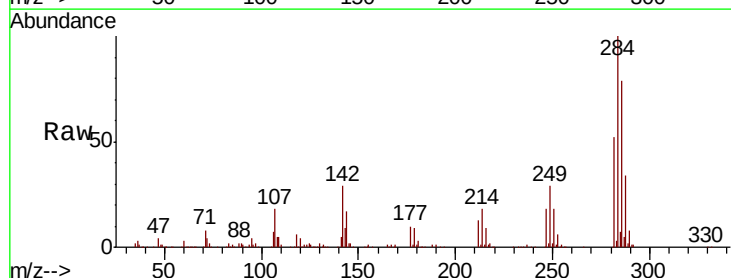
Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E



#68
Hexachlorobenzene
Concen: 39.198 ng
RT: 10.74 min Scan# 1471
Delta R.T. -0.00 min
Lab File: BF120344.D
Acq: 18 May 2020 16:23

Tgt Ion	Ratio	Lower	Upper
284	100		
142	29.3	28.5	42.7
249	29.2	24.8	37.2

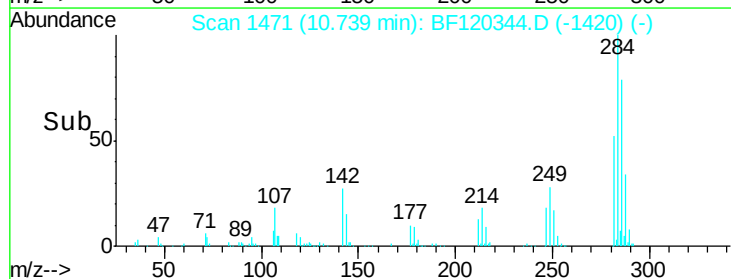
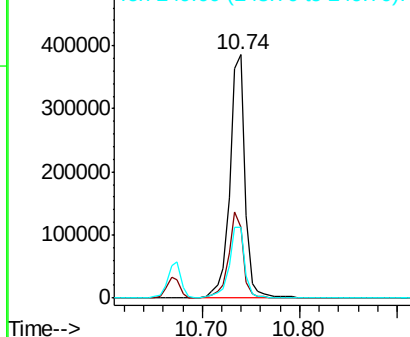


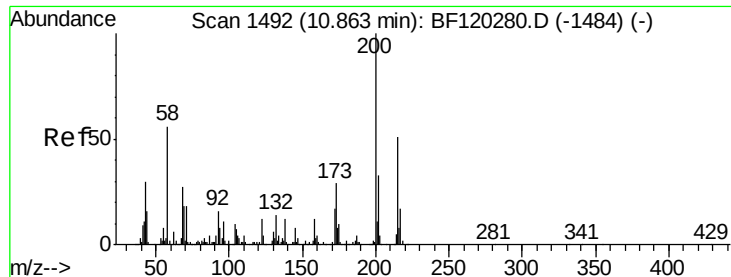
Abundance

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





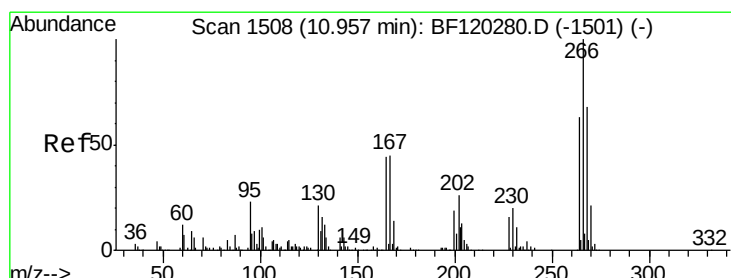
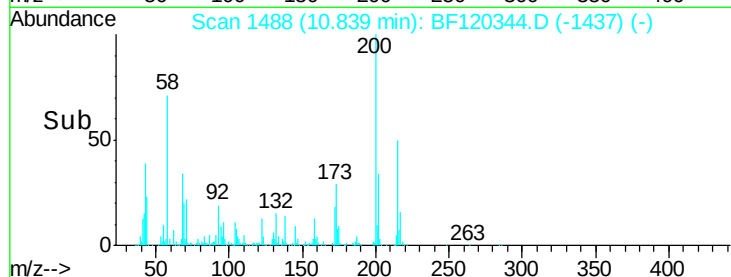
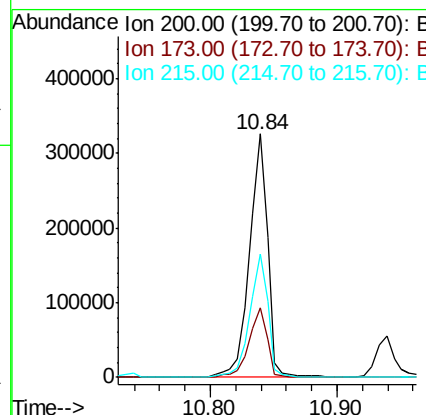
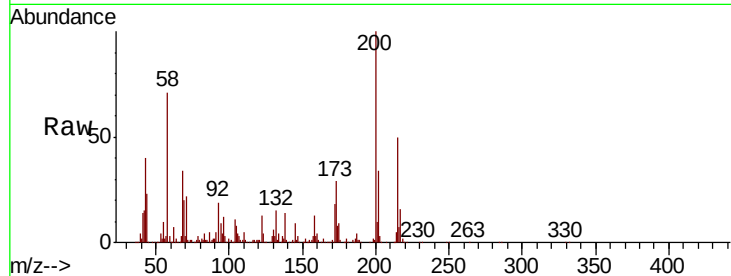
#69
Atrazine
Concen: 37.259 ng
RT: 10.84 min Scan# 1488
Delta R.T. -0.00 min
Lab File: BF120344.D
Acq: 18 May 2020 16:23

Instrument :
BNA_F
ClientSampleId :
PB128942BSD

Tot Ion	Ratio	Resp	Lower	Upper
200	100	324665		
173	28.5	8.7	48.7	
215	50.4	30.6	70.6	

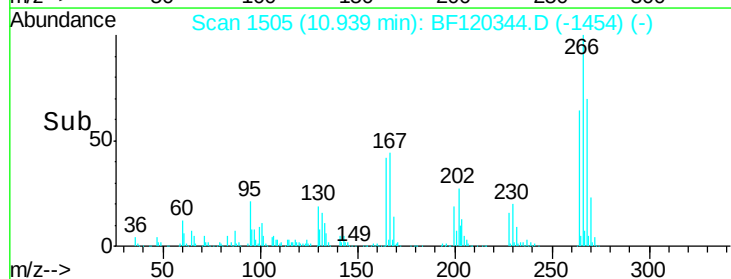
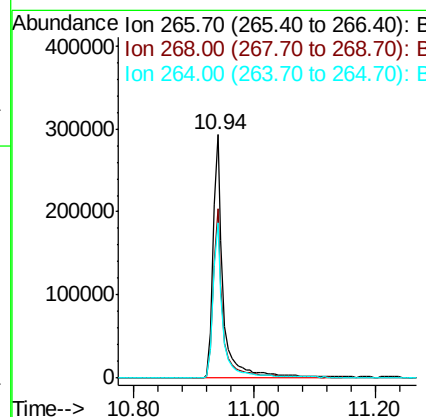
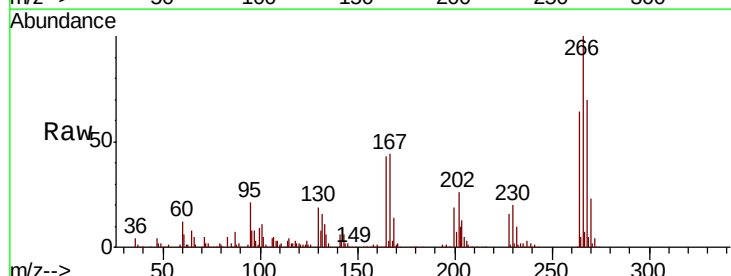
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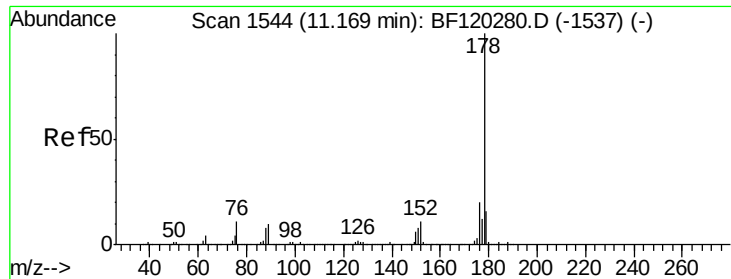
mohammad
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#70
Pentachlorophenol
Concen: 77.520 ng
RT: 10.94 min Scan# 1505
Delta R.T. -0.00 min
Lab File: BF120344.D
Acq: 18 May 2020 16:23

Tgt Ion	Ratio	Resp	Lower	Upper
266	100	352312		
268	69.6	54.2	81.4	
264	63.5	50.2	75.4	





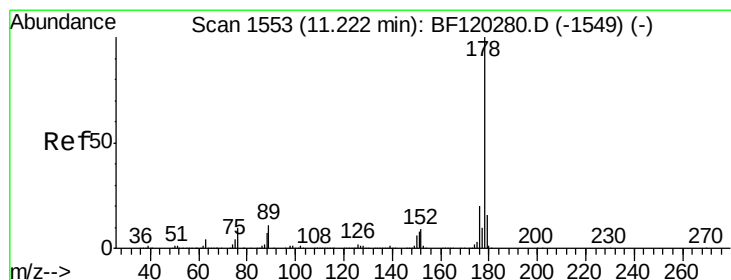
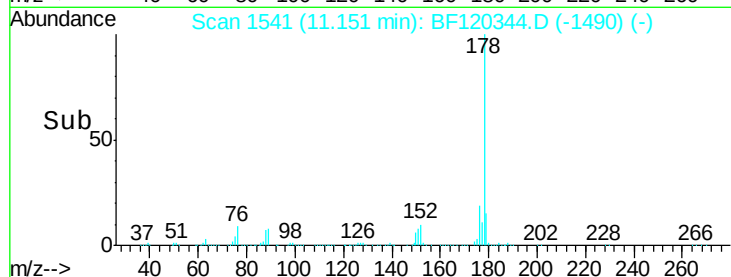
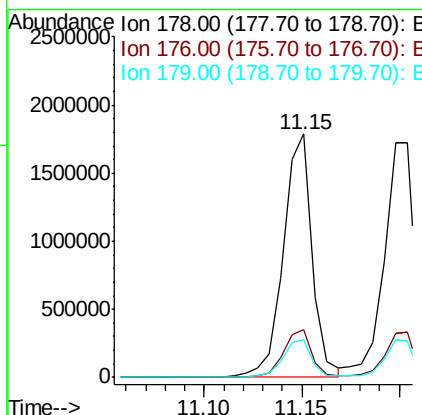
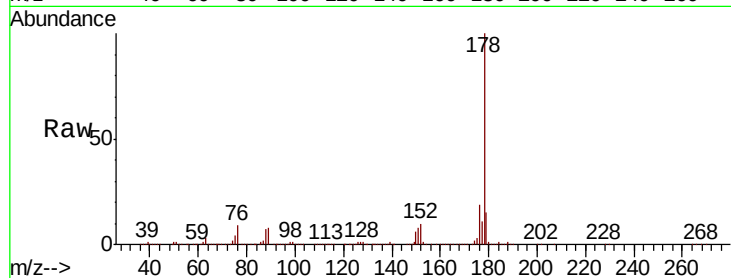
#71
Phenanthrene
Concen: 41.367 ng
RT: 11.15 min Scan# 1541
Delta R.T. -0.00 min
Lab File: BF120344.D
Acq: 18 May 2020 16:23

Instrument :
BNA_F
ClientSampleId :
PB128942BSD

Tot Ion:178 Resp: 1829683
Ion Ratio Lower Upper
178 100
176 19.4 15.8 23.8
179 15.3 12.8 19.2

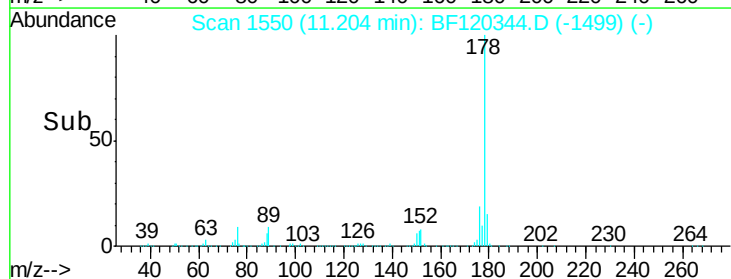
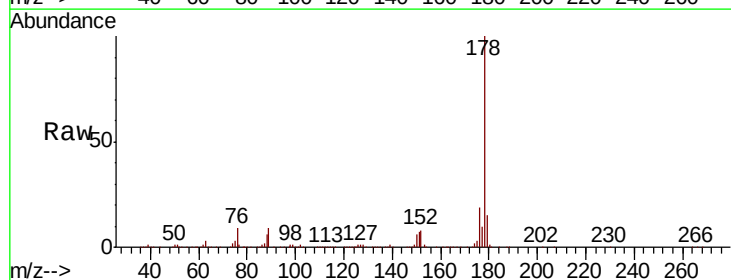
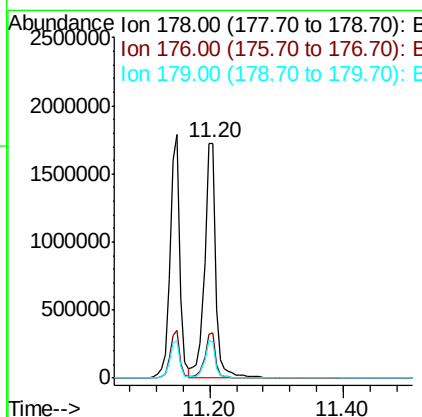
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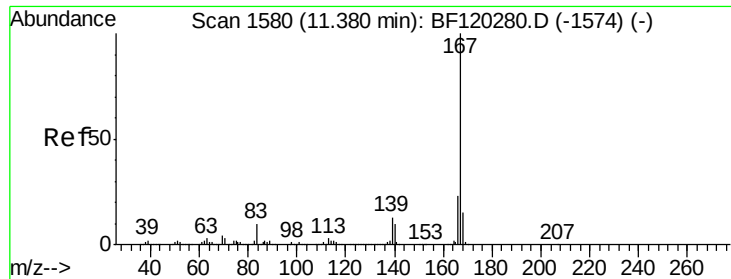
mohammad
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#72
Anthracene
Concen: 42.406 ng
RT: 11.20 min Scan# 1550
Delta R.T. -0.00 min
Lab File: BF120344.D
Acq: 18 May 2020 16:23

Tgt Ion:178 Resp: 2007954
Ion Ratio Lower Upper
178 100
176 19.1 15.7 23.5
179 15.2 13.0 19.6





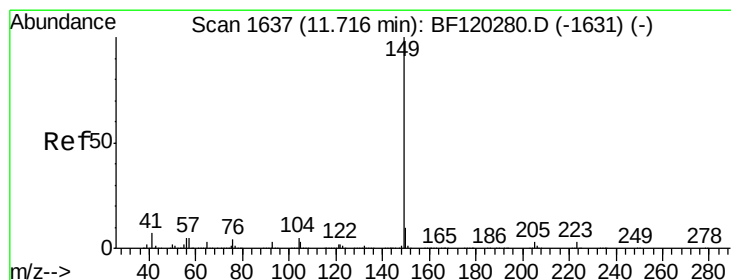
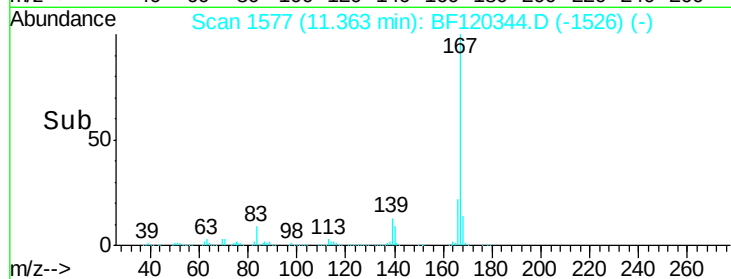
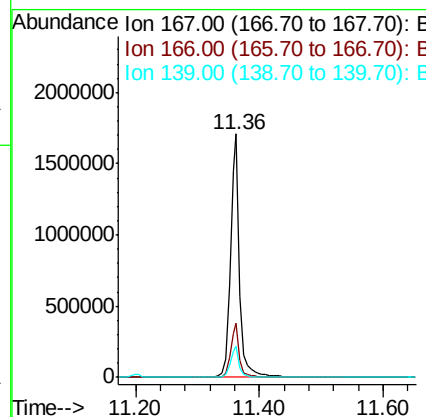
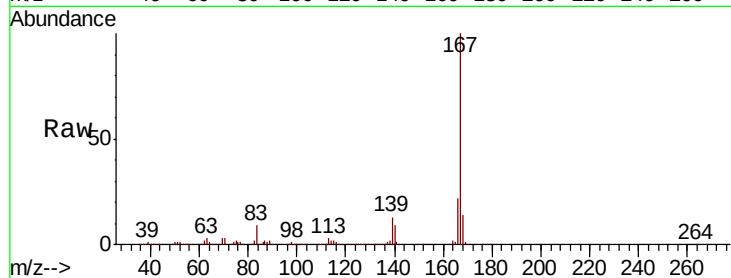
#73
 Carbazole
 Concen: 40.188 ng
 RT: 11.36 min Scan# 1577
 Delta R.T. -0.00 min
 Lab File: BF120344.D
 Acq: 18 May 2020 16:23

Instrument :
 BNA_F
 ClientSampleId :
 PB128942BSD

Tot Ion	Ratio	Lower	Upper
167	100		
166	22.2	18.1	27.1
139	12.7	10.6	15.8

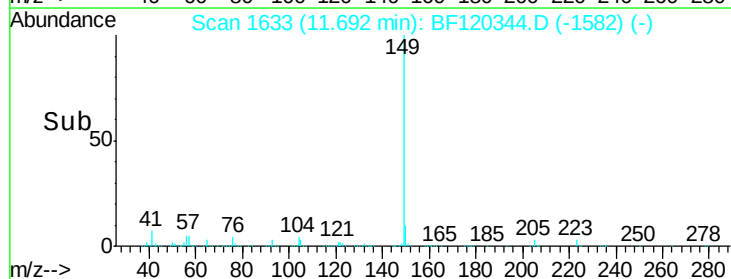
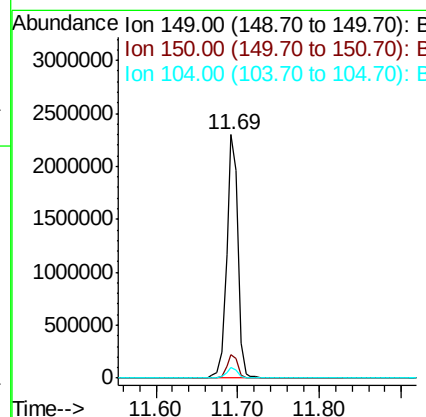
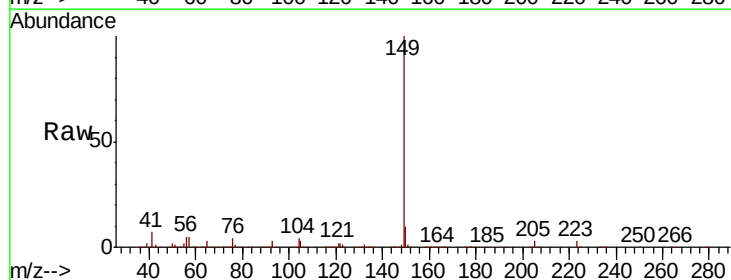
Manual Integrations
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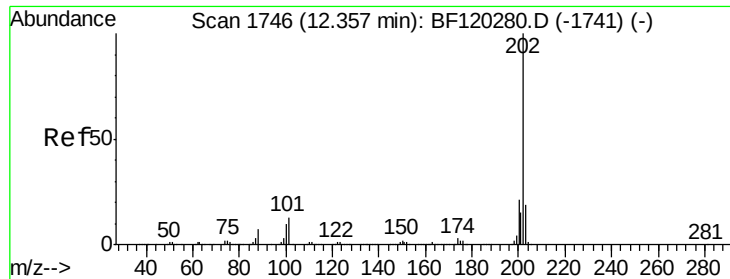
mohammad
 5/19/2020 3:05:13 PM



#74
 Di-n-butylphthalate
 Concen: 41.258 ng
 RT: 11.69 min Scan# 1633
 Delta R.T. -0.00 min
 Lab File: BF120344.D
 Acq: 18 May 2020 16:23

Tgt Ion	Ratio	Lower	Upper
149	100		
150	9.7	8.2	12.4
104	4.4	3.8	5.8





#75

Fluoranthene

Concen: 46.773 ng

RT: 12.33 min Scan# 1742

Delta R.T. -0.00 min

Lab File: BF120344.D

Acq: 18 May 2020 16:23

Instrument :

BNA_F

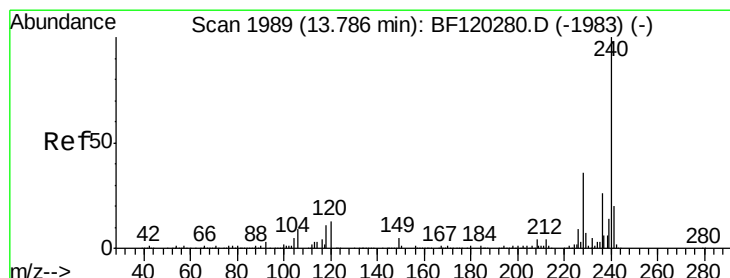
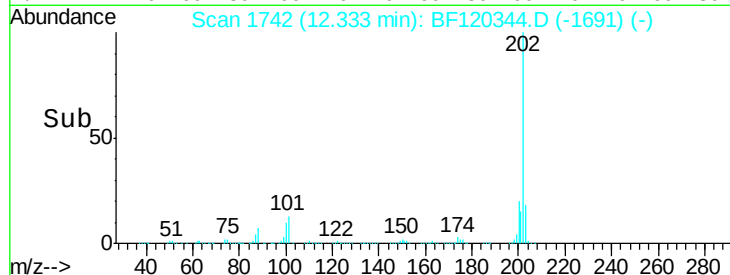
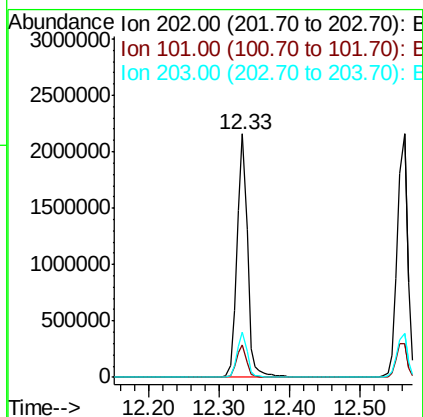
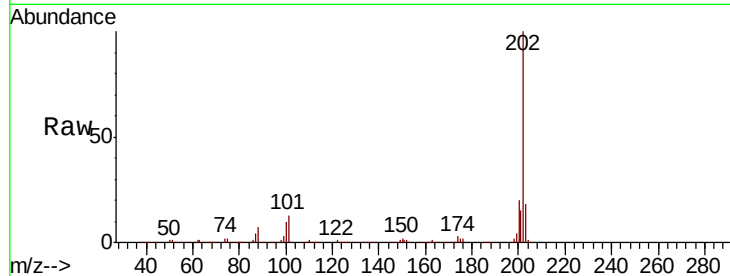
ClientSampleId :

PB128942BSD

Tot Ion:	202	Resp:	2217386
Ion	Ratio	Lower	Upper
202	100		
101	13.1	0.0	33.2
203	18.5	0.0	39.1

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#76

Chrysene-d12

Concen: 20.000 ng

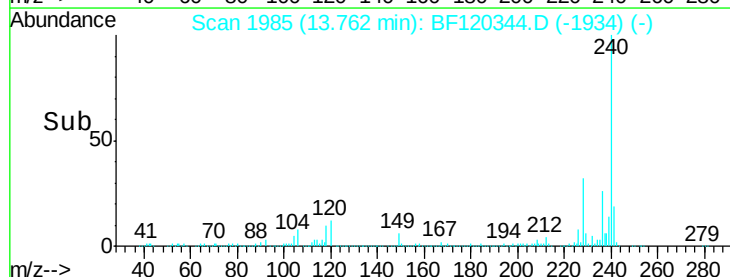
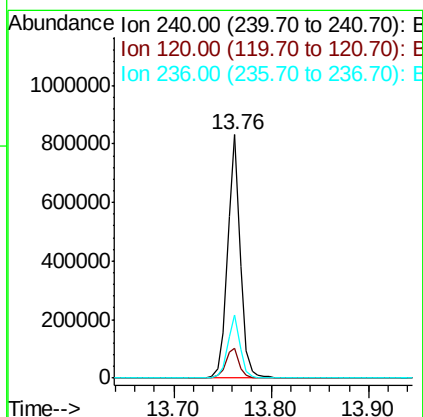
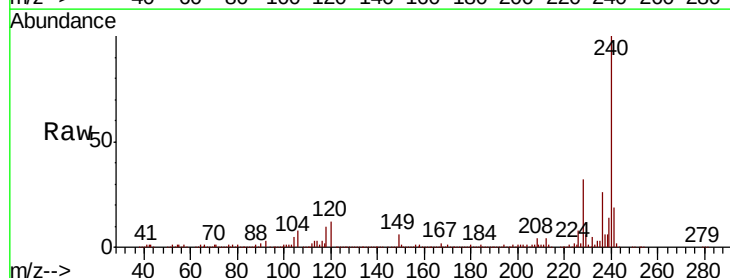
RT: 13.76 min Scan# 1985

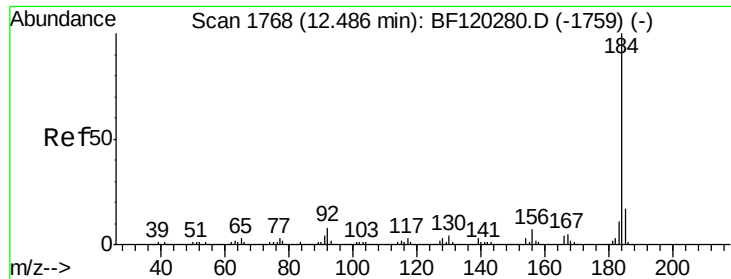
Delta R.T. -0.00 min

Lab File: BF120344.D

Acq: 18 May 2020 16:23

Tgt Ion:	240	Resp:	745118
Ion	Ratio	Lower	Upper
240	100		
120	12.0	10.4	15.6
236	25.8	21.0	31.6





#77

Benzidine

Concen: 45.894 ng

RT: 12.46 min Scan# 1764

Delta R.T. -0.00 min

Lab File: BF120344.D

Acq: 18 May 2020 16:23

Instrument :

BNA_F

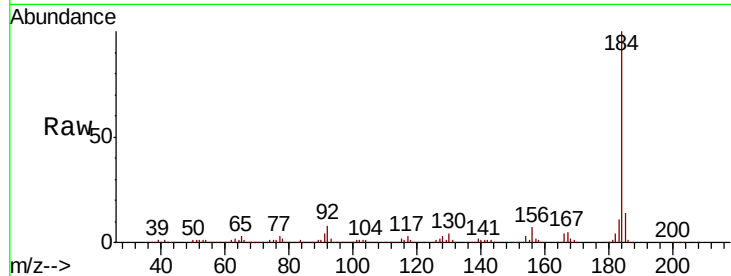
ClientSampleId :

PB128942BSD

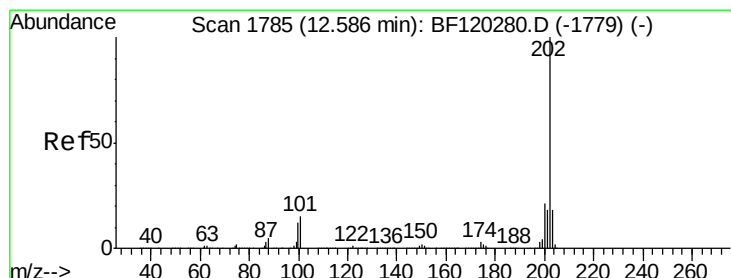
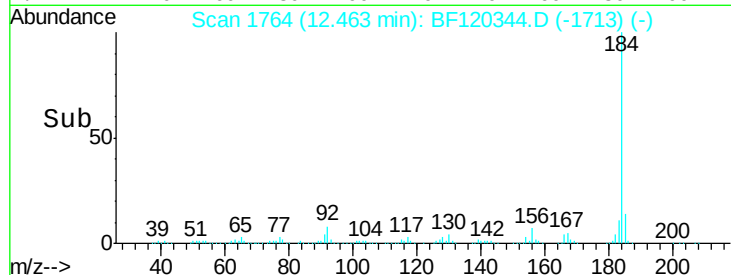
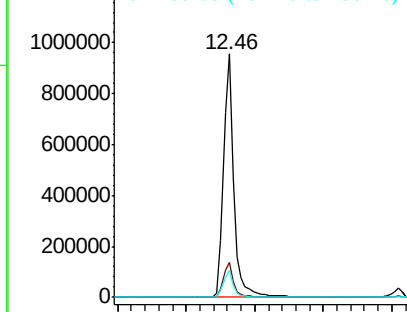
Tot Ion:	184	Resp:	998592
Ion Ratio	Lower	Upper	
184	100		
185	14.5	13.7	20.5
183	11.0	8.7	13.1

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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: 42.129 ng

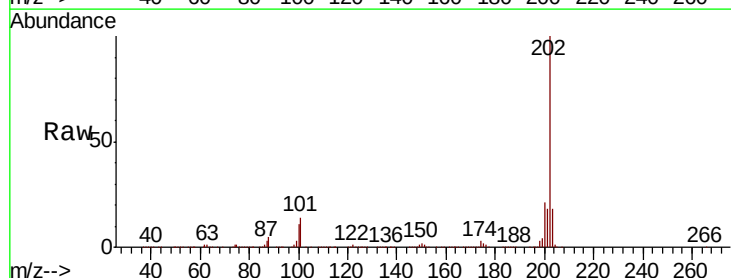
RT: 12.56 min Scan# 1781

Delta R.T. -0.00 min

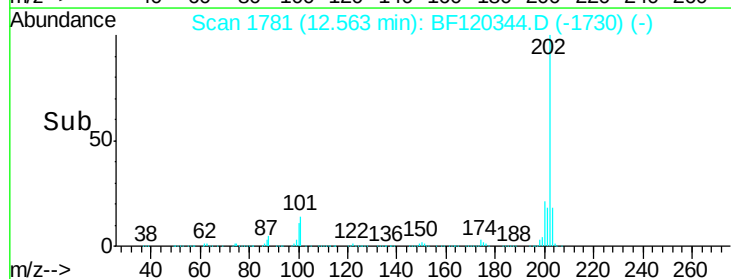
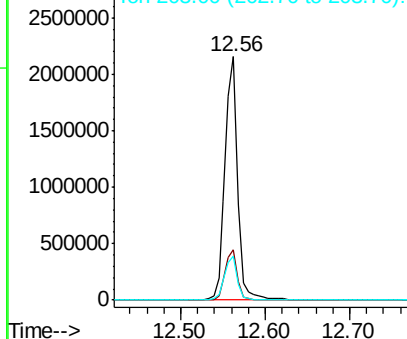
Lab File: BF120344.D

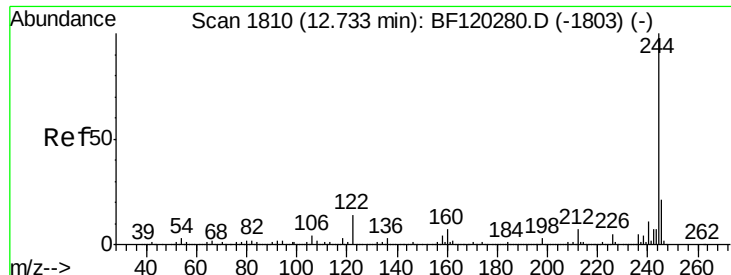
Acq: 18 May 2020 16:23

Tgt Ion:	202	Resp:	2237896
Ion Ratio	Lower	Upper	
202	100		
200	20.7	16.6	25.0
203	17.8	14.6	22.0



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: 83.145 ng

RT: 12.71 min Scan# 1806

Delta R.T. -0.00 min

Lab File: BF120344.D

Acq: 18 May 2020 16:23

Instrument :

BNA_F

ClientSampleId :

PB128942BSD

Tot Ion:244 Resp: 2804309

Ion Ratio Lower Upper

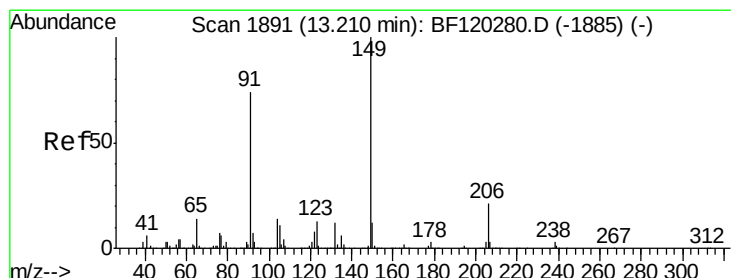
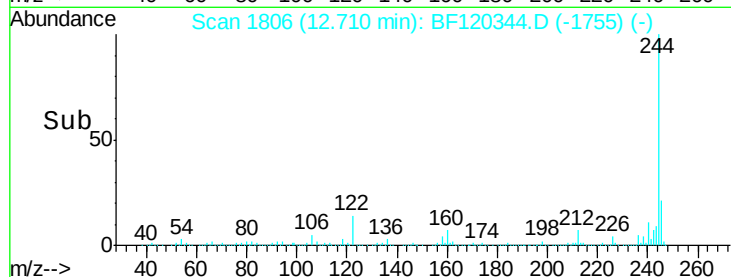
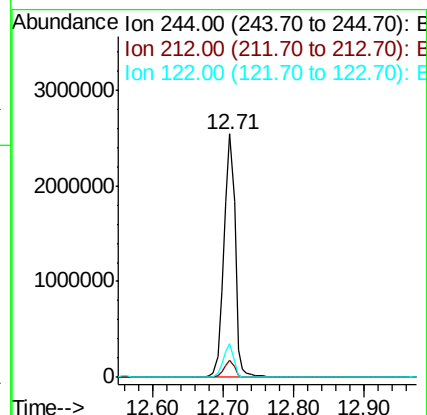
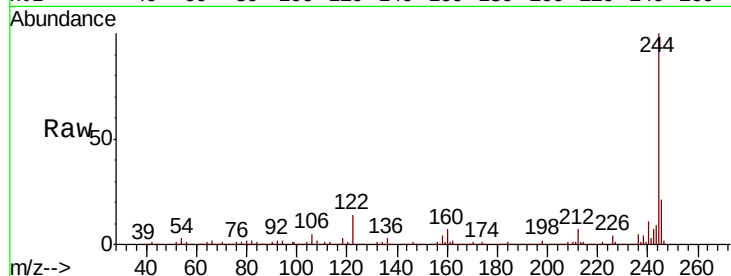
244 100

212 6.9 5.8 8.6

122 13.9 10.8 16.2

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#80

Butylbenzylphthalate

Concen: 39.675 ng

RT: 13.19 min Scan# 1887

Delta R.T. -0.00 min

Lab File: BF120344.D

Acq: 18 May 2020 16:23

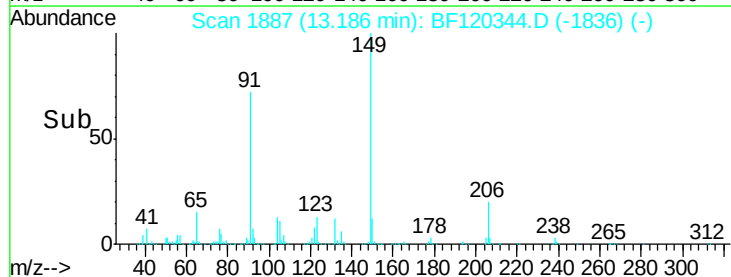
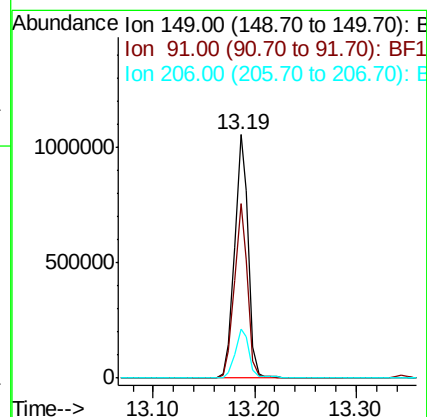
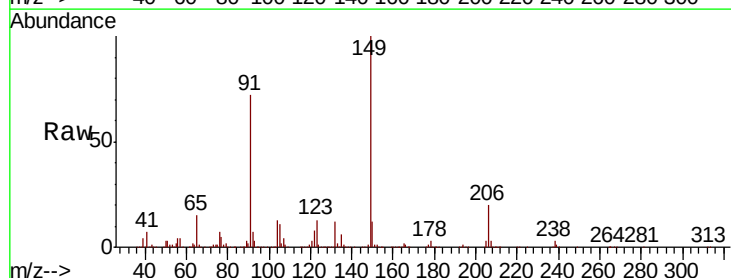
Tgt Ion:149 Resp: 992395

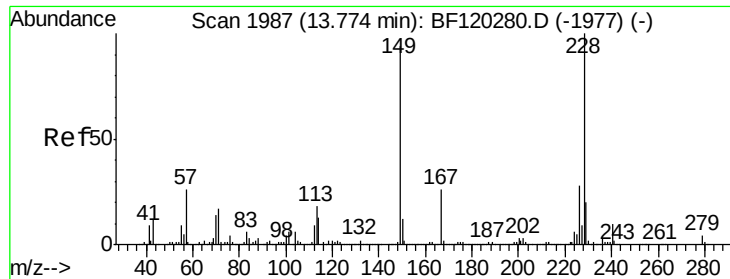
Ion Ratio Lower Upper

149 100

91 71.6 59.0 88.4

206 20.3 16.8 25.2





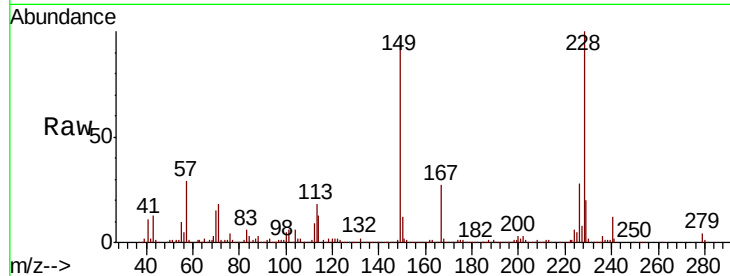
#81
Benzo(a)anthracene
Concen: 40.123 ng
RT: 13.75 min Scan# 1983
Delta R.T. -0.00 min
Lab File: BF120344.D
Acq: 18 May 2020 16:23

Instrument :
BNA_F
ClientSampleId :
PB128942BSD

Tot Ion	Ratio	Lower	Upper
228	100		
226	27.7	22.6	33.8
229	20.4	16.4	24.6

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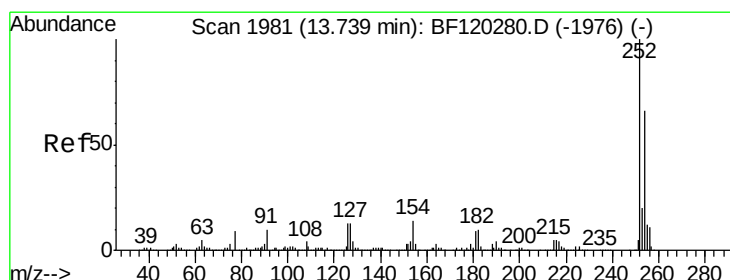
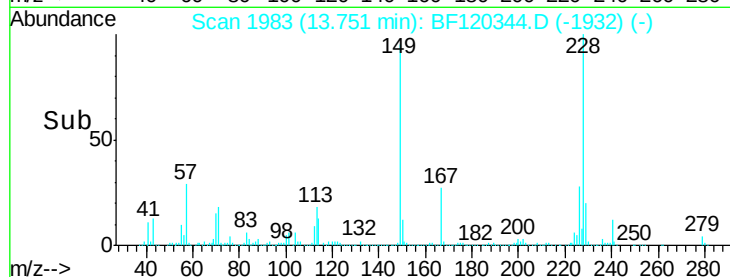
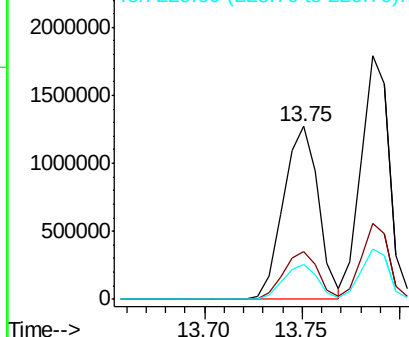


Abundance

Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E



#82
3,3'-Dichlorobenzidine
Concen: 25.680 ng
RT: 13.72 min Scan# 1977
Delta R.T. -0.00 min
Lab File: BF120344.D
Acq: 18 May 2020 16:23

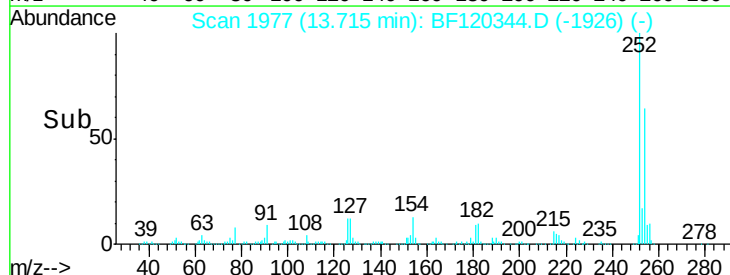
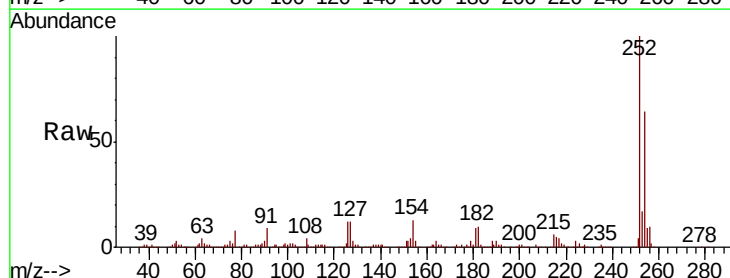
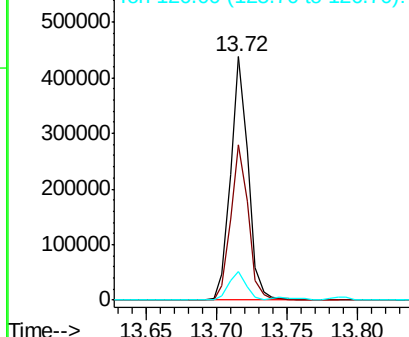
Tgt Ion	Ratio	Lower	Upper
252	100		
254	63.6	52.6	78.8
126	11.7	10.7	16.1

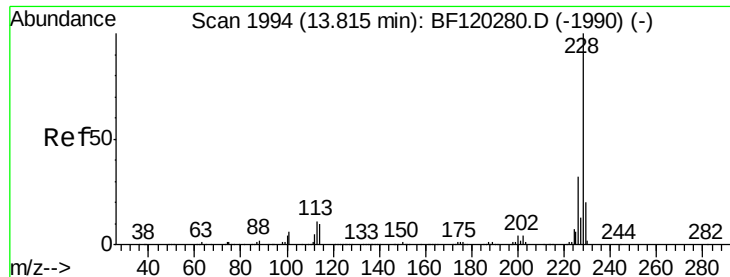
Abundance

Ion 252.00 (251.70 to 252.70): E

Ion 254.00 (253.70 to 254.70): E

Ion 126.00 (125.70 to 126.70): E





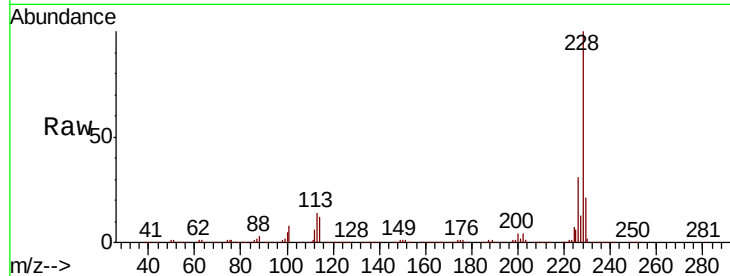
#83
 Chrysene
 Concen: 43.213 ng
 RT: 13.79 min Scan# 1989
 Delta R.T. -0.00 min
 Lab File: BF120344.D
 Acq: 18 May 2020 16:23

Instrument :
 BNA_F
 ClientSampleId :
 PB128942BSD

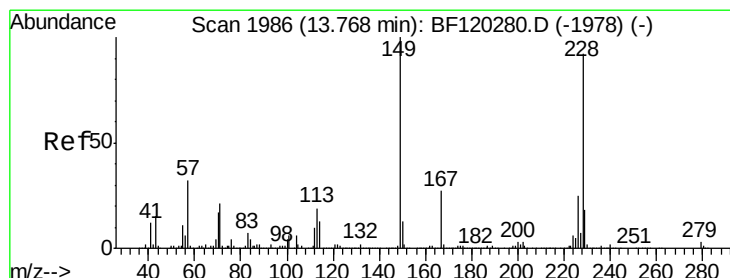
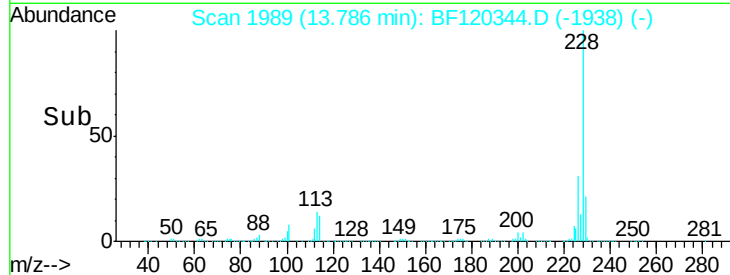
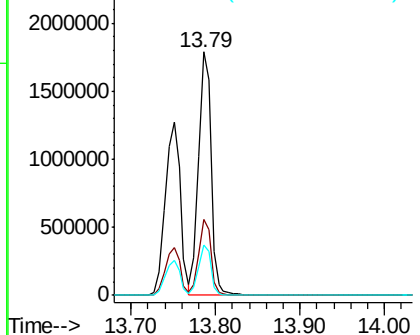
Tot Ion:228 Resp: 1823632
 Ion Ratio Lower Upper
 228 100
 226 31.1 25.0 37.6
 229 20.8 16.2 24.4

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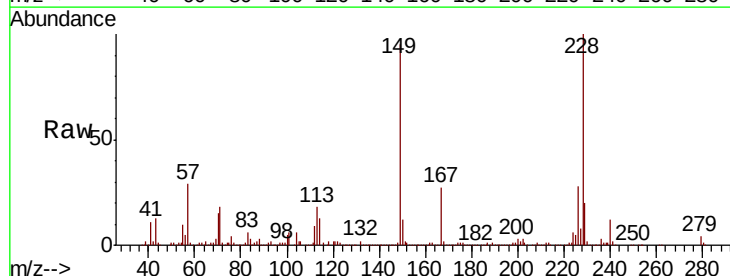


Abundance Ion 228.00 (227.70 to 228.70): E
 Ion 226.00 (225.70 to 226.70): E
 Ion 229.00 (228.70 to 229.70): E

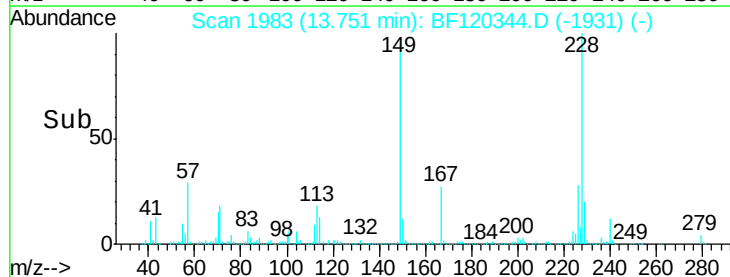
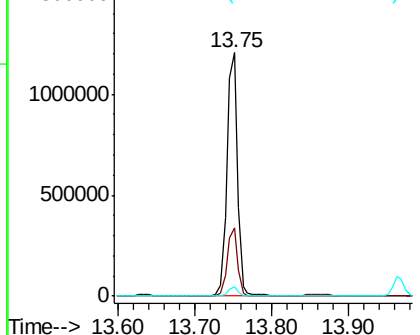


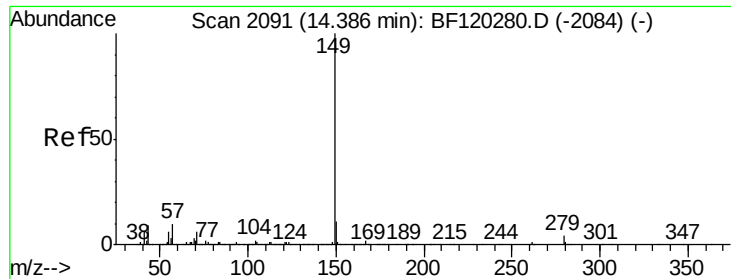
#84
 Bis(2-ethylhexyl)phthalate
 Concen: 37.431 ng
 RT: 13.75 min Scan# 1983
 Delta R.T. 0.01 min
 Lab File: BF120344.D
 Acq: 18 May 2020 16:23

Tgt Ion:149 Resp: 1164867
 Ion Ratio Lower Upper
 149 100
 167 28.2 21.8 32.8
 279 4.0 2.8 4.2



Abundance Ion 149.00 (148.70 to 149.70): E
 Ion 167.00 (166.70 to 167.70): E
 Ion 279.00 (278.70 to 279.70): E





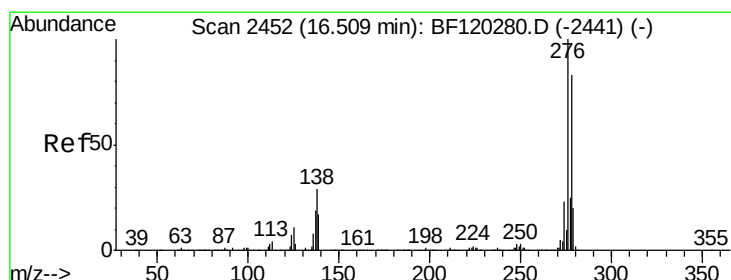
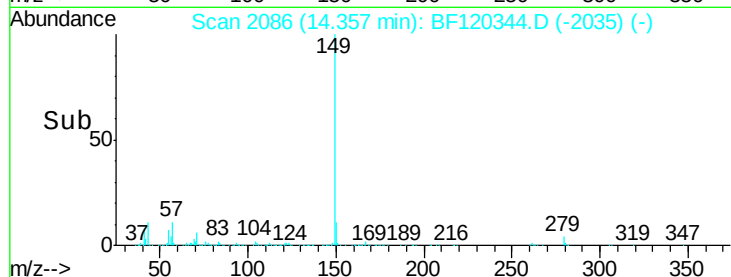
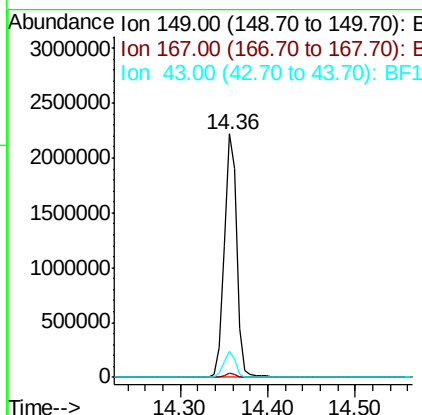
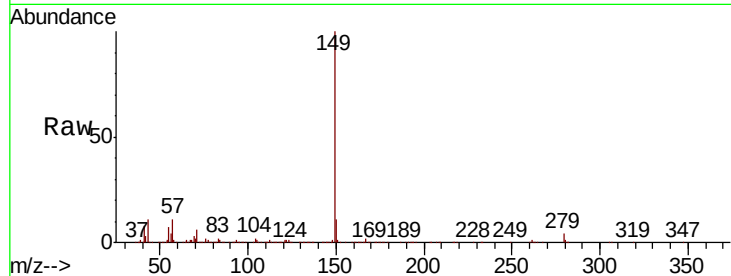
#85
Di-n-octyl phthalate
Concen: 39.380 ng
RT: 14.36 min Scan# 2086
Delta R.T. -0.00 min
Lab File: BF120344.D
Acq: 18 May 2020 16:23

Instrument :
BNA_F
ClientSampleId :
PB128942BSD

Tot Ion	Ratio	Lower	Upper
149	100		
167	1.6	1.3	1.9
43	10.0	7.5	11.3

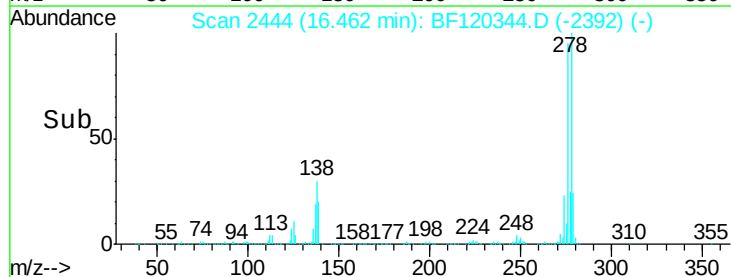
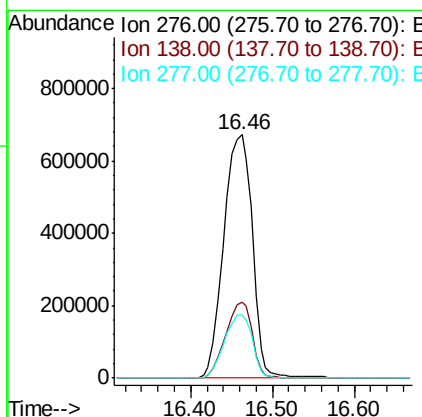
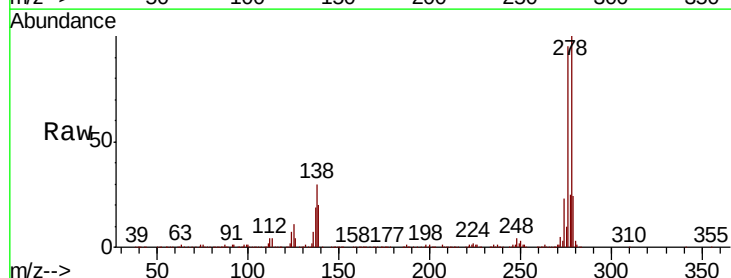
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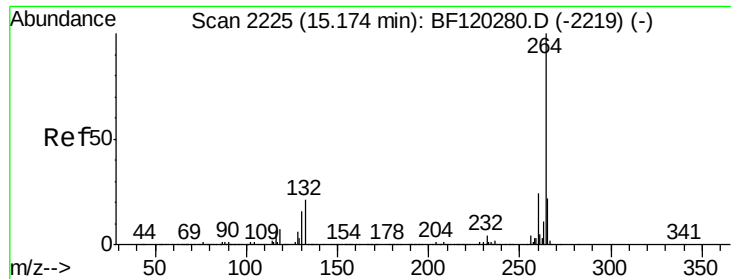
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#86
Indeno(1,2,3-cd)pyrene
Concen: 42.887 ng
RT: 16.46 min Scan# 2444
Delta R.T. 0.01 min
Lab File: BF120344.D
Acq: 18 May 2020 16:23

Tgt Ion	Ratio	Lower	Upper
276	100		
138	29.2	23.3	34.9
277	25.6	20.2	30.4





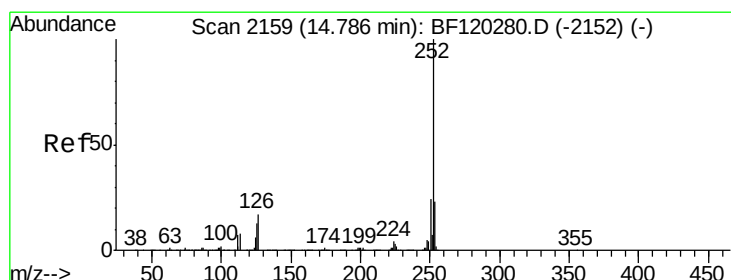
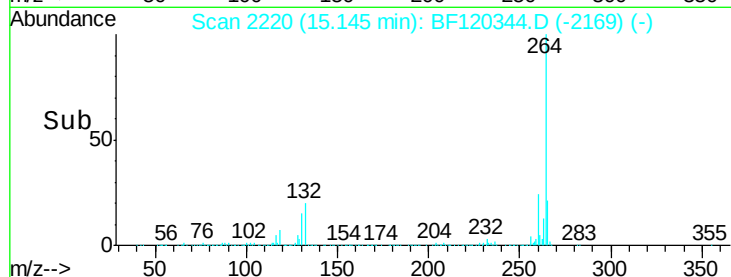
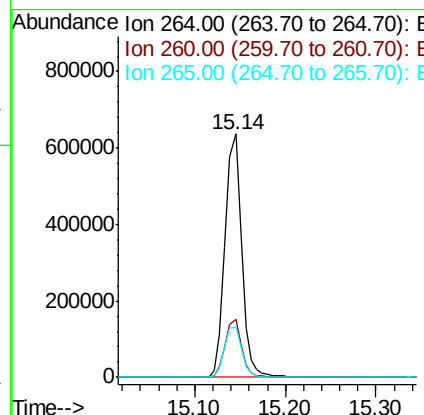
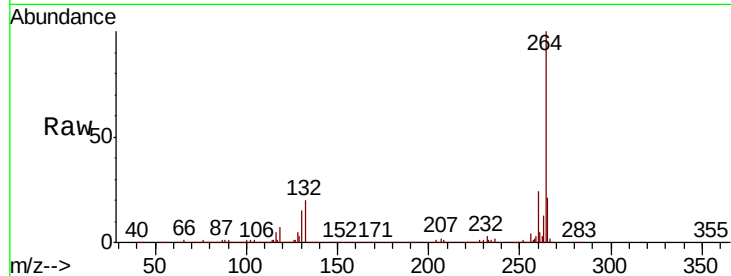
#87
Pervlene-d12
Concen: 20.000 ng
RT: 15.14 min Scan# 2220
Delta R.T. -0.00 min
Lab File: BF120344.D
Acq: 18 May 2020 16:23

Instrument :
BNA_F
ClientSampleId :
PB128942BSD

Tot Ion	Ratio	Lower	Upper
264	100		
260	23.9	19.0	28.6
265	20.9	17.5	26.3

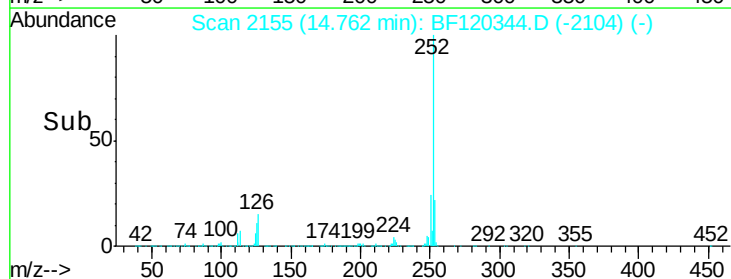
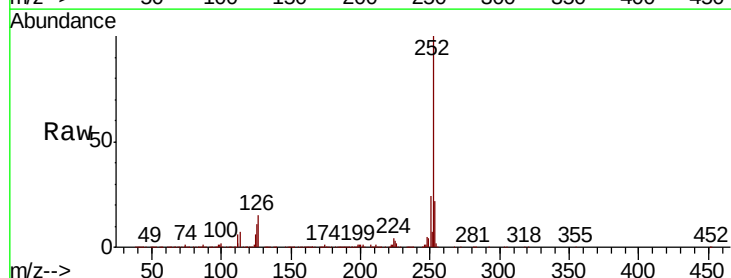
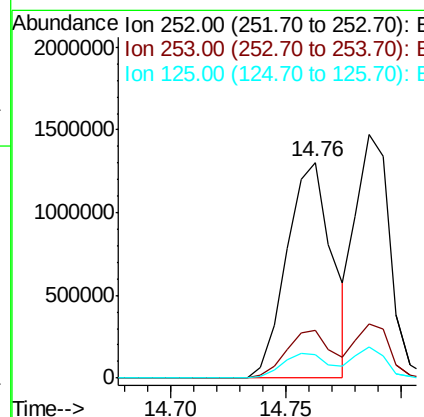
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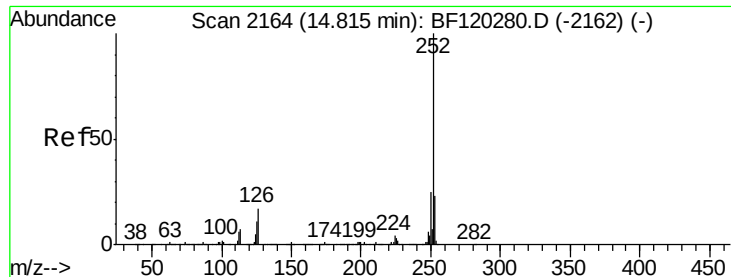
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#88
Benzo(b)fluoranthene
Concen: 40.441 ng
RT: 14.76 min Scan# 2155
Delta R.T. -0.00 min
Lab File: BF120344.D
Acq: 18 May 2020 16:23

Tgt Ion	Ratio	Lower	Upper
252	100		
253	21.8	18.1	27.1
125	11.1	10.4	15.6





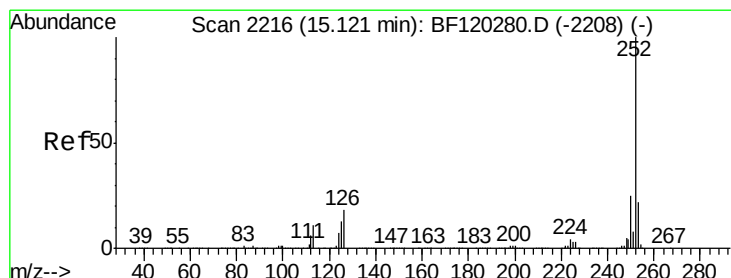
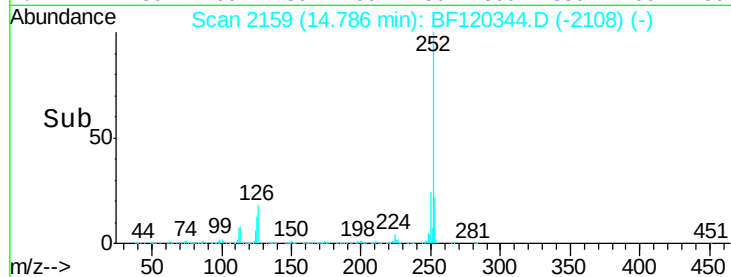
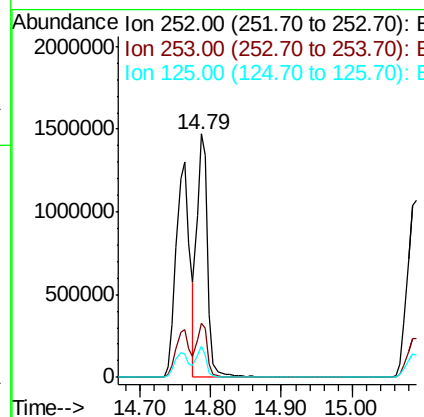
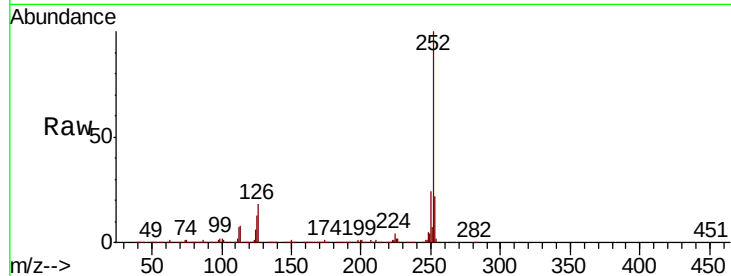
#89
Benzo(k)fluoranthene
Concen: 40.650 ng
RT: 14.79 min Scan# 2159
Delta R.T. -0.00 min
Lab File: BF120344.D
Acq: 18 May 2020 16:23

Instrument :
BNA_F
ClientSampleId :
PB128942BSD

Tot Ion	Ratio	Lower	Upper
252	100		
253	22.2	18.2	27.2
125	12.6	9.9	14.9

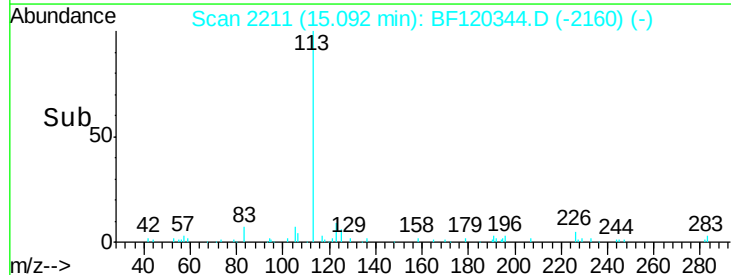
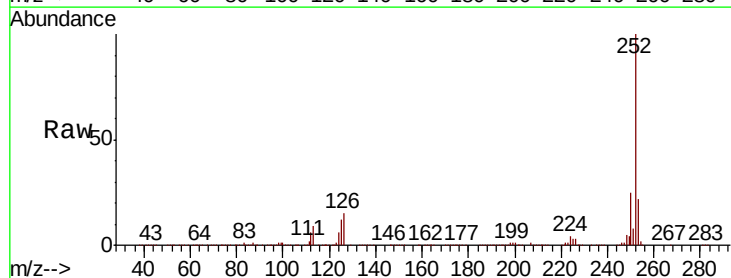
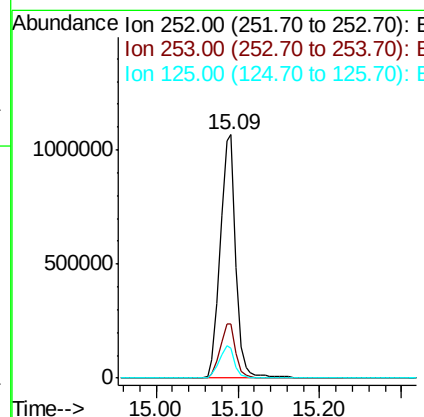
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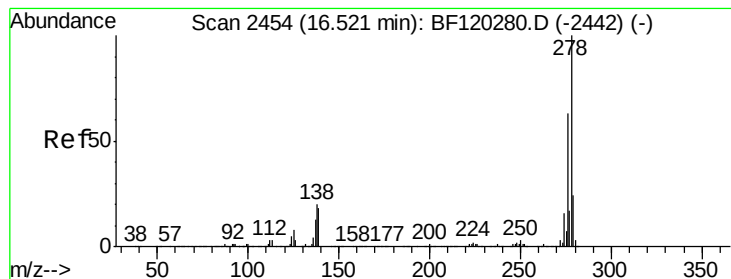
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#90
Benzo(a)pyrene
Concen: 35.613 ng
RT: 15.09 min Scan# 2211
Delta R.T. -0.00 min
Lab File: BF120344.D
Acq: 18 May 2020 16:23

Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.1	17.6	26.4
125	12.3	10.6	16.0





#91

Dibenzo(a,h)anthracene

Concen: 39.327 ng

RT: 16.47 min Scan# 2445

Delta R.T. -0.00 min

Lab File: BF120344.D

Acq: 18 May 2020 16:23

Instrument :

BNA_F

ClientSampleId :

PB128942BSD

Tot Ion:278 Resp: 1382643

Ion Ratio Lower Upper

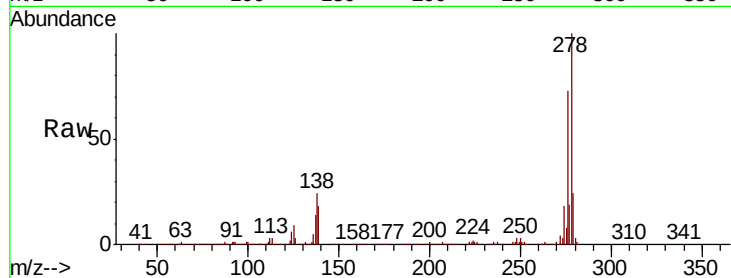
278 100

139 18.4 14.7 22.1

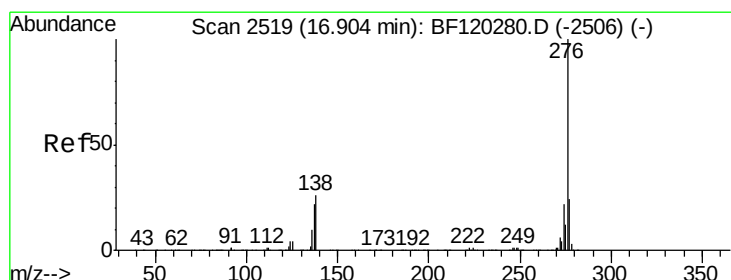
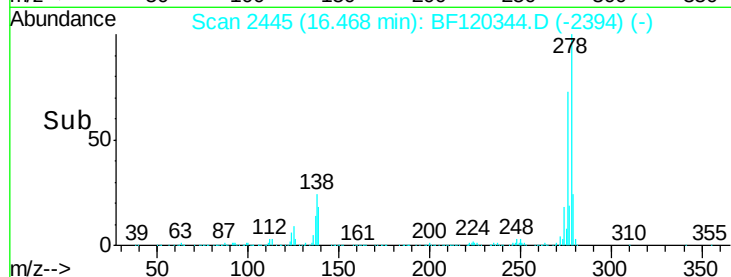
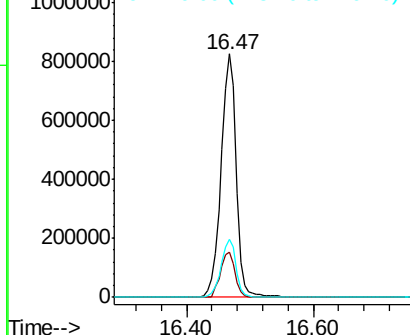
279 24.0 19.2 28.8

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



#92

Benzo(g,h,i)perylene

Concen: 39.371 ng

RT: 16.85 min Scan# 2510

Delta R.T. -0.00 min

Lab File: BF120344.D

Acq: 18 May 2020 16:23

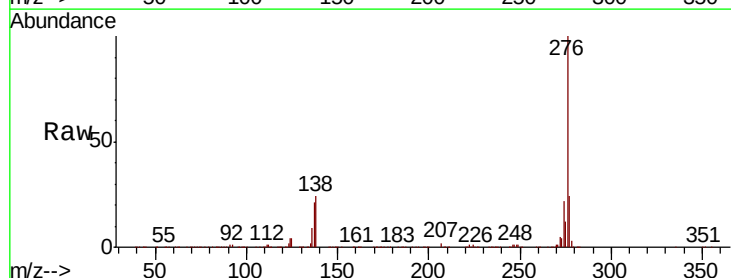
Tgt Ion:276 Resp: 1395816

Ion Ratio Lower Upper

276 100

277 23.7 19.1 28.7

138 24.3 20.8 31.2



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

