

Data Path : Z:\svoasrv\HPCHEM1\BNA F\Data\BF052020\
 Data File : BF120374.D
 Acq On : 20 May 2020 17:19
 Operator : MA/SJ
 Sample : L2497-08
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 HD-02-051920

Quant Time: May 20 17:52:18 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF051420.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed May 20 13:33:43 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.59	152	288350	20.00	ng	0.00
21) Naphthalene-d8	7.87	136	1198738	20.00	ng	0.00
39) Acenaphthene-d10	9.62	164	625732	20.00	ng	-0.01
64) Phenanthrene-d10	11.11	188	1164267	20.00	ng	0.00
76) Chrysene-d12	13.74	240	784481	20.00	ng	0.00
87) Perylene-d12	15.13	264	579698	20.00	ng	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
5) 2-Fluorophenol	5.20	112	1996848	134.74	ng	0.01
7) Phenol-d6	6.25	99	2322126	123.91	ng	0.00
23) Nitrobenzene-d5	7.16	82	1832398	104.66	ng	0.00
42) 2,4,6-Tribromophenol	10.42	330	702661	137.73	ng	0.00
45) 2-Fluorobiphenyl	8.96	172	3169048	104.05	ng	0.00
79) Terphenyl-d14	12.70	244	3215960	90.57	ng	0.00

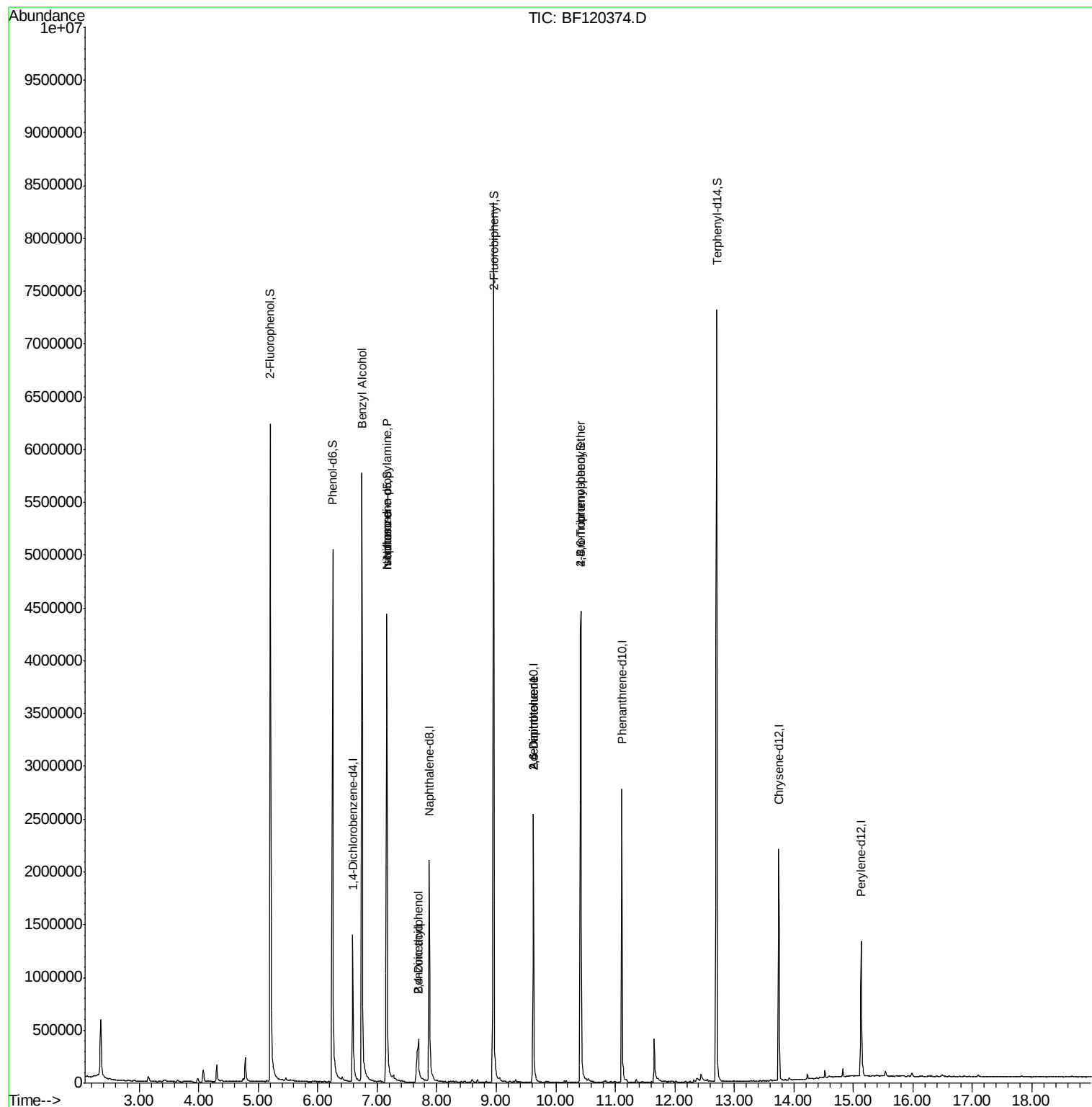
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
15) Benzyl Alcohol	6.75	79	29152	2.190	ng	# 46
19) n-Nitroso-di-n-propylamine	7.16	70	234709	19.116	ng	# 80
25) Isophorone	7.16	82	1787581	49.070	ng	# 65
27) 2,4-Dimethylphenol	7.69	122	215780	15.052	ng	# 7
32) Benzoic acid	7.69	122	215780	22.964	ng	# 97
51) 2,6-Dinitrotoluene	9.62	165	81255	9.204	ng	# 23
57) 2,4-Dinitrotoluene	9.62	165	81256	7.846	ng	# 16
67) 4-Bromophenyl-phenylether	10.42	248	43209	3.825	ng	# 1

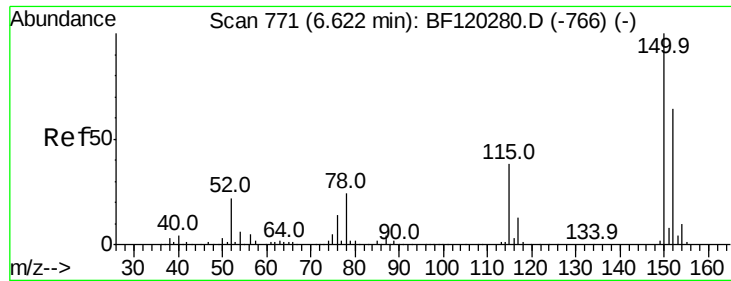
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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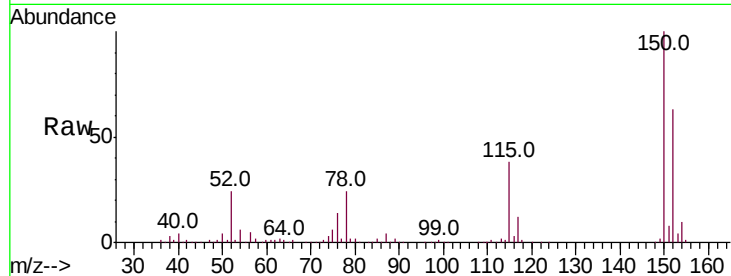


#1

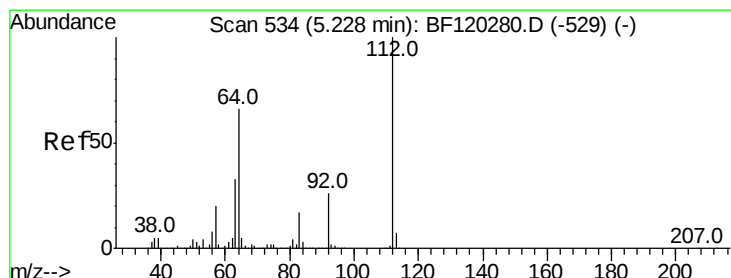
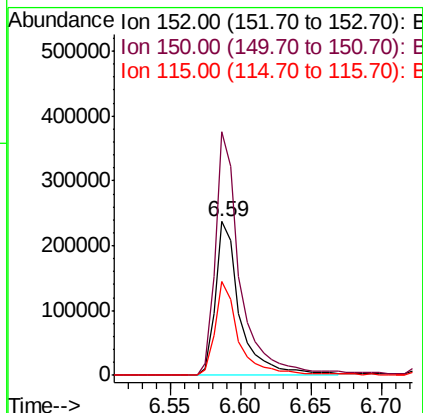
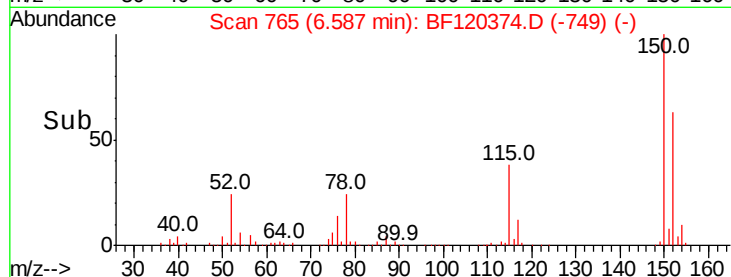
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.59 min Scan# 765
Delta R.T. -0.01 min
Lab File: BF120374.D
Acq: 20 May 2020 17:19

Instrument :
BNA_M
ClientSampleId :
HD-02-051920

Tot Ion:152 Resp: 288350
Ion Ratio Lower Upper
152 100
150 158.3 126.2 189.2
115 60.7 47.9 71.9



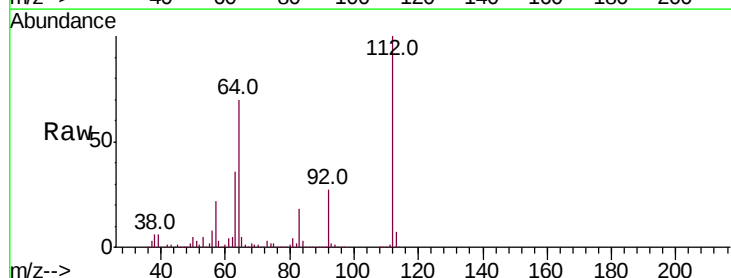
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



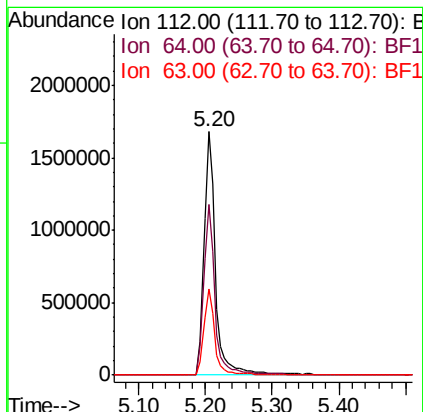
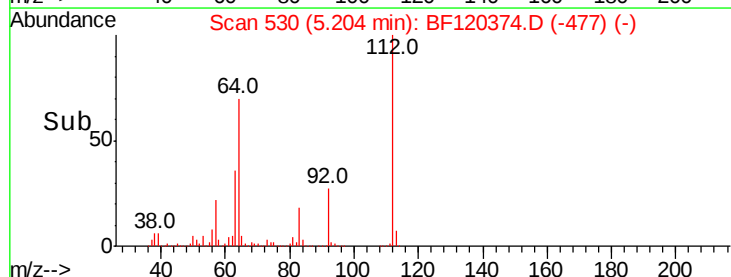
#5

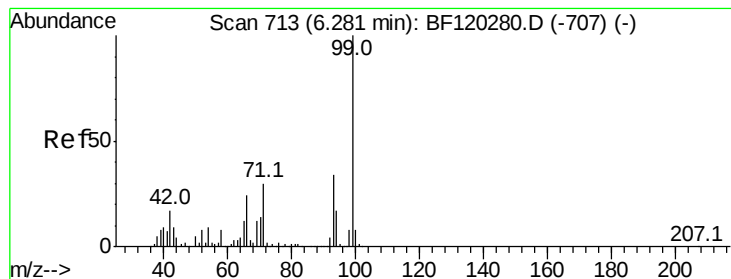
2-Fluorophenol
Concen: 134.742 ng
RT: 5.20 min Scan# 530
Delta R.T. 0.01 min
Lab File: BF120374.D
Acq: 20 May 2020 17:19

Tgt Ion:112 Resp: 1996848
Ion Ratio Lower Upper
112 100
64 70.2 52.7 79.1
63 35.6 26.2 39.4



Abundance Ion 112.00 (111.70 to 112.70): E
Ion 64.00 (63.70 to 64.70): BF1
Ion 63.00 (62.70 to 63.70): BF1





#7

Phenol-d6

Concen: 123.906 ng

RT: 6.25 min Scan# 708

Delta R.T. 0.00 min

Lab File: BF120374.D

Acq: 20 May 2020 17:19

Instrument :

BNA_M

ClientSampleId :

HD-02-051920

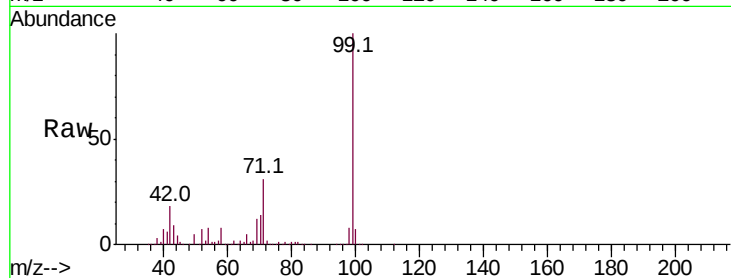
Tot Ion: 99 Resp: 2322126

Ion Ratio Lower Upper

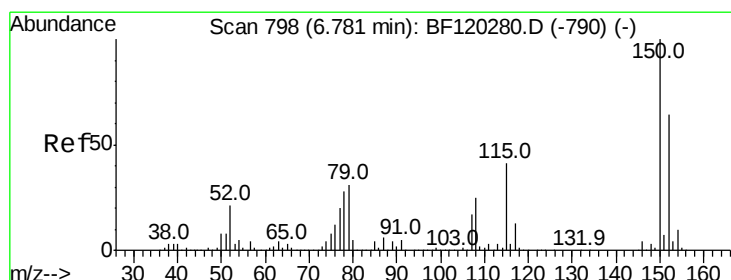
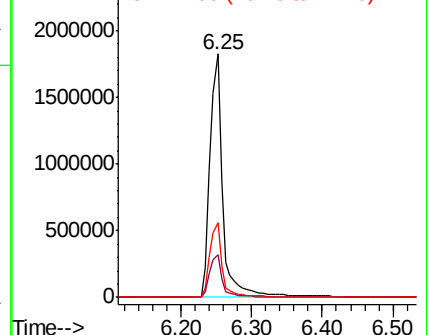
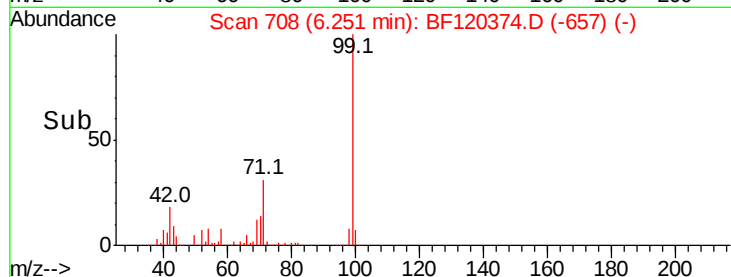
99 100

42 17.6 13.6 20.4

71 30.9 24.2 36.4



Abundance Ion 99.00 (98.70 to 99.70): BF1
Ion 42.00 (41.70 to 42.70): BF1
Ion 71.00 (70.70 to 71.70): BF1



#15

Benzyl Alcohol

Concen: 2.190 ng

RT: 6.75 min Scan# 792

Delta R.T. -0.01 min

Lab File: BF120374.D

Acq: 20 May 2020 17:19

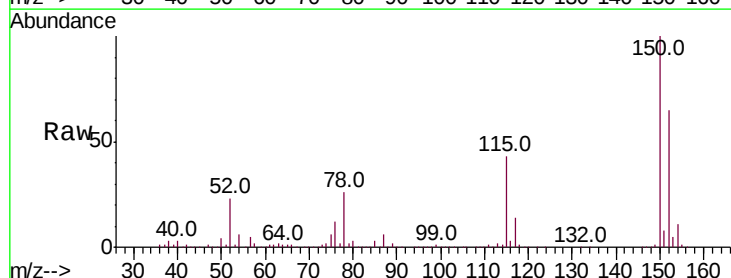
Tgt Ion: 79 Resp: 29152

Ion Ratio Lower Upper

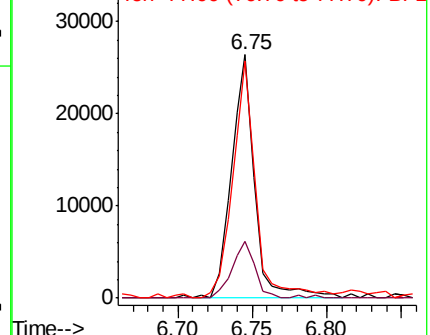
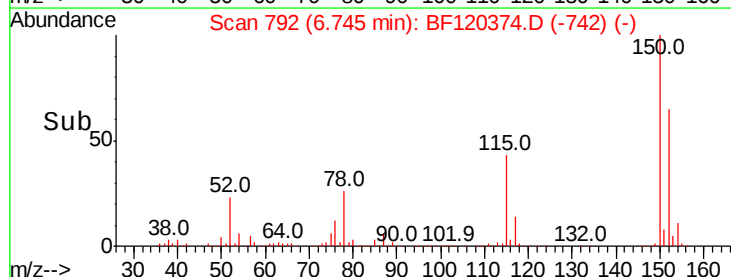
79 100

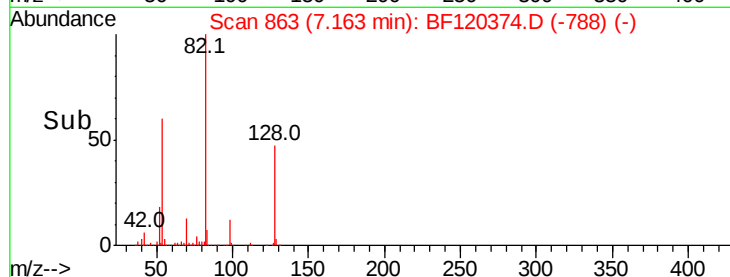
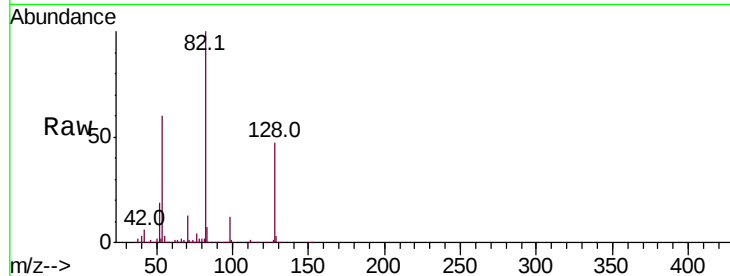
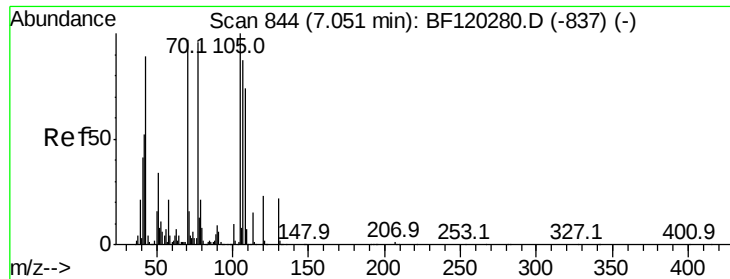
108 23.5 64.2 96.4#

77 97.6 51.6 77.4#



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

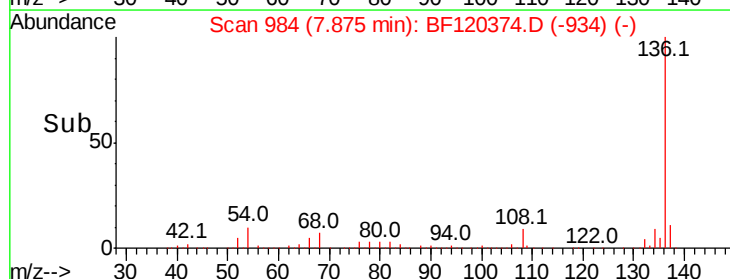
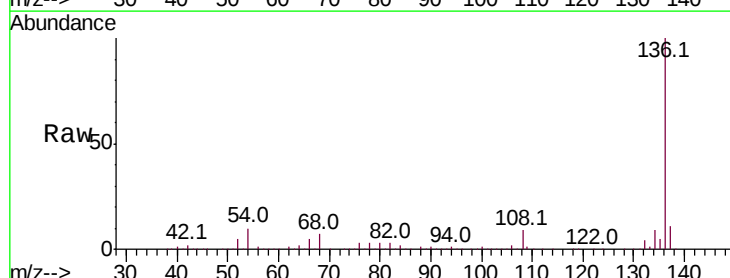
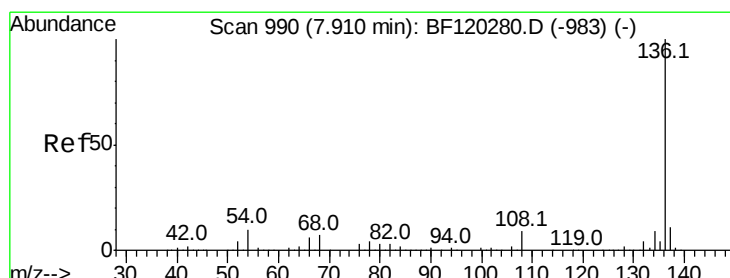
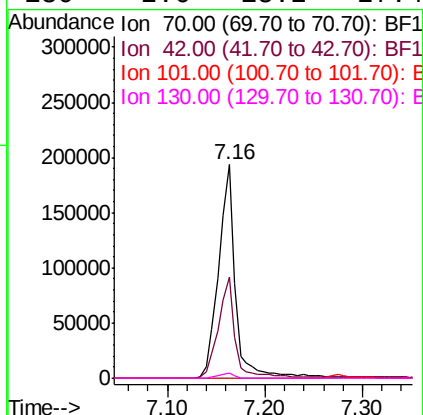




#19
n-Nitroso-di-n-propylamine
Concen: 19.116 ng
RT: 7.16 min Scan# 863
Delta R.T. 0.14 min
Lab File: BF120374.D
Acq: 20 May 2020 17:19

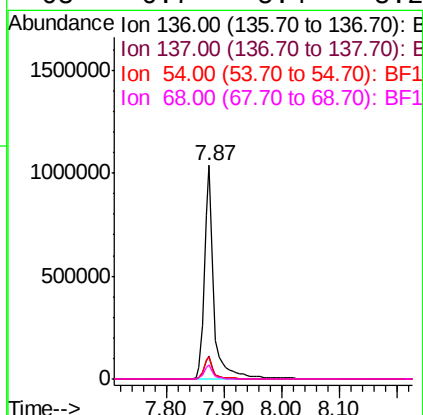
Instrument :
BNA_M
ClientSampleId :
HD-02-051920

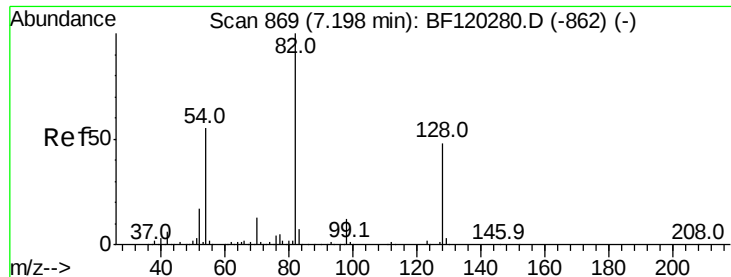
Tot Ion: 70 Resp: 234709
Ion Ratio Lower Upper
70 100
42 47.4 43.4 65.0
101 0.0 7.8 11.8#
130 2.6 18.2 27.4#



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 7.87 min Scan# 984
Delta R.T. -0.01 min
Lab File: BF120374.D
Acq: 20 May 2020 17:19

Tgt Ion: 136 Resp: 1198738
Ion Ratio Lower Upper
136 100
137 11.1 9.1 13.7
54 10.3 7.9 11.9
68 6.7 5.4 8.2

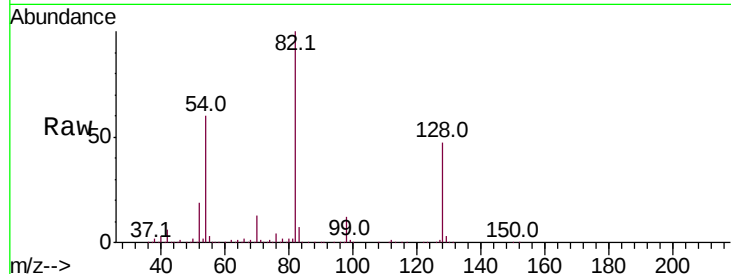




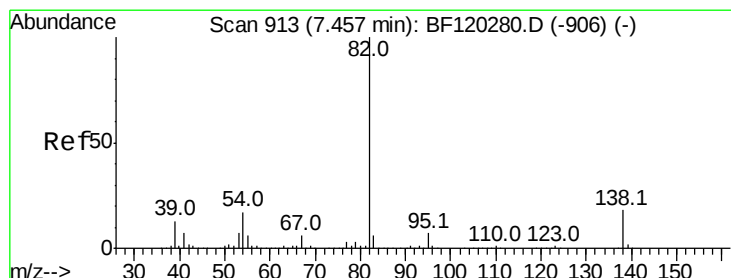
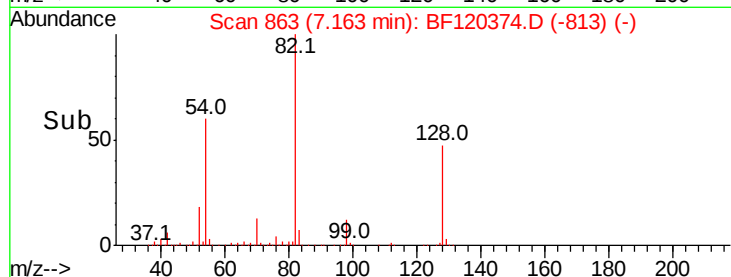
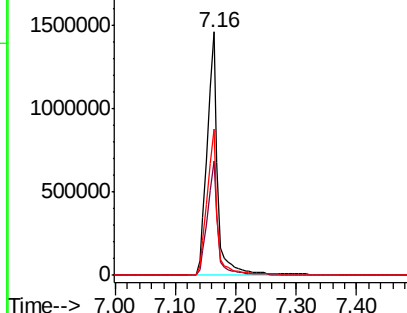
#23
 Nitrobenzene-d5
 Concen: 104.658 ng
 RT: 7.16 min Scan# 863
 Delta R.T. -0.01 min
 Lab File: BF120374.D
 Acq: 20 May 2020 17:19

Instrument :
 BNA_M
 ClientSampleId :
 HD-02-051920

Tot Ion: 82 Resp: 1832398
 Ion Ratio Lower Upper
 82 100
 128 46.9 38.3 57.5
 54 60.0 43.9 65.9

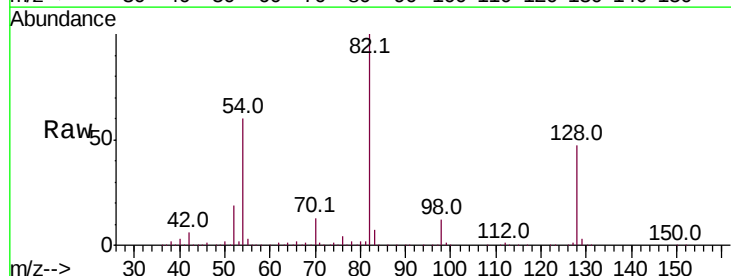


Abundance Ion 82.00 (81.70 to 82.70): BF1
 2000000 Ion 128.00 (127.70 to 128.70): BF1
 Ion 54.00 (53.70 to 54.70): BF1

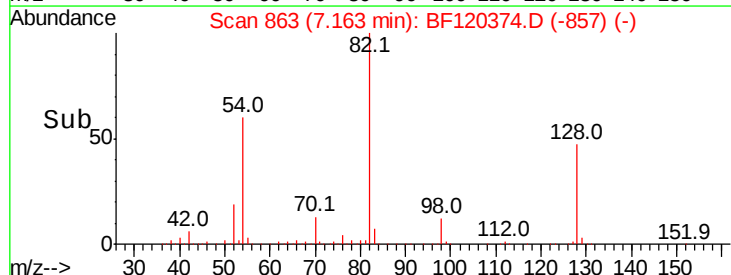
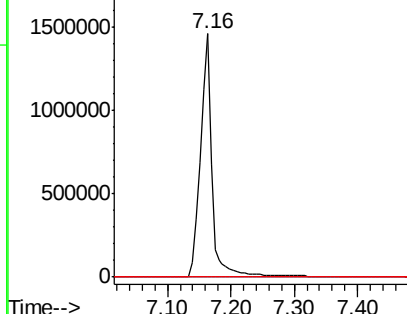


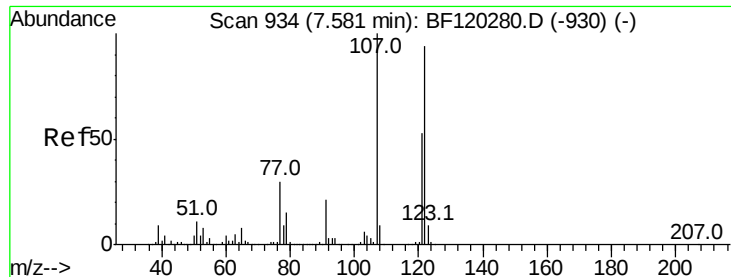
#25
 Isophorone
 Concen: 49.070 ng
 RT: 7.16 min Scan# 863
 Delta R.T. -0.26 min
 Lab File: BF120374.D
 Acq: 20 May 2020 17:19

Tgt Ion: 82 Resp: 1787581
 Ion Ratio Lower Upper
 82 100
 95 0.0 5.4 8.0#
 138 0.0 14.7 22.1#



Abundance Ion 82.00 (81.70 to 82.70): BF1
 2000000 Ion 95.00 (94.70 to 95.70): BF1
 Ion 138.00 (137.70 to 138.70): BF1





#27

2,4-Dimethylphenol

Concen: 15.052 ng

RT: 7.69 min Scan# 953

Delta R.T. 0.14 min

Lab File: BF120374.D

Acq: 20 May 2020 17:19

Instrument :

BNA_M

ClientSampleId :

HD-02-051920

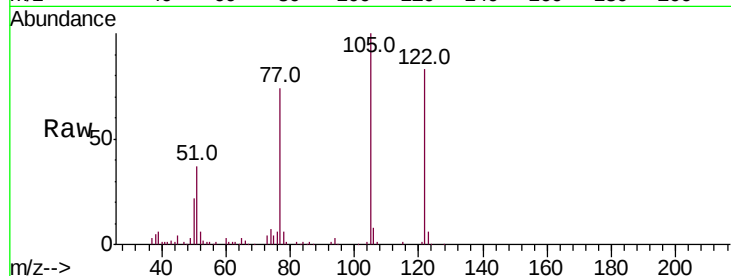
Tot Ion:122 Resp: 215780

Ion Ratio Lower Upper

122 100

107 1.0 85.0 127.6#

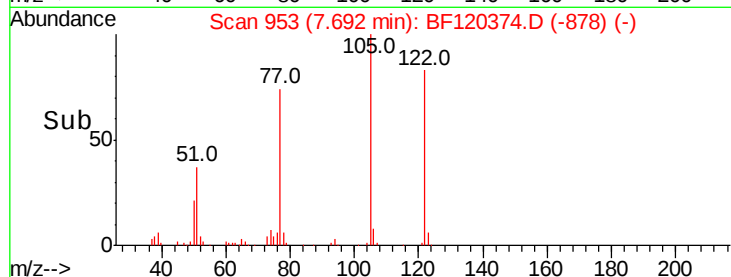
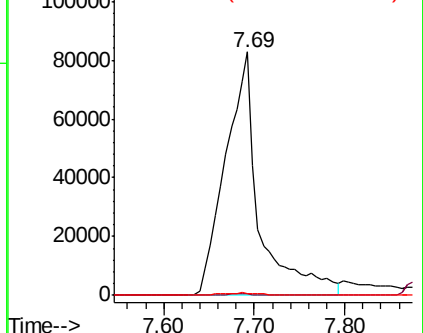
121 0.8 45.1 67.7#



Abundance Ion 122.00 (121.70 to 122.70): E

Ion 107.00 (106.70 to 107.70): E

Ion 121.00 (120.70 to 121.70): E



#32

Benzoic acid

Concen: 22.964 ng

RT: 7.69 min Scan# 953

Delta R.T. -0.01 min

Lab File: BF120374.D

Acq: 20 May 2020 17:19

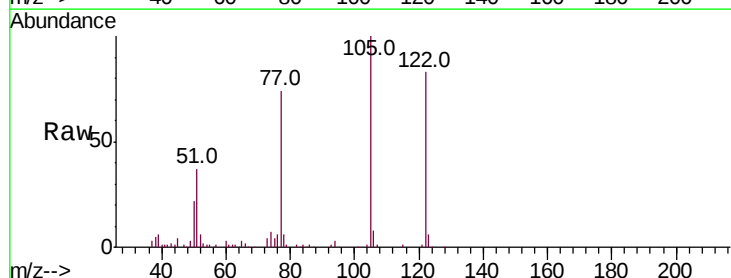
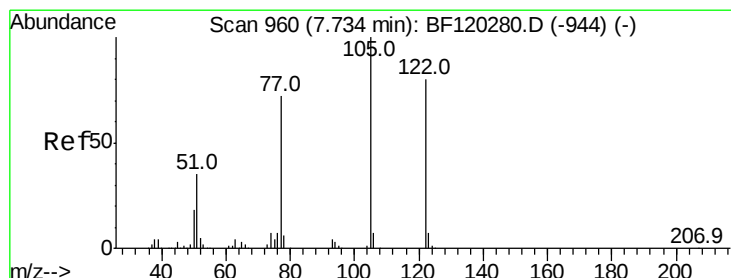
Tgt Ion:122 Resp: 215780

Ion Ratio Lower Upper

122 100

105 121.1 98.1 138.1

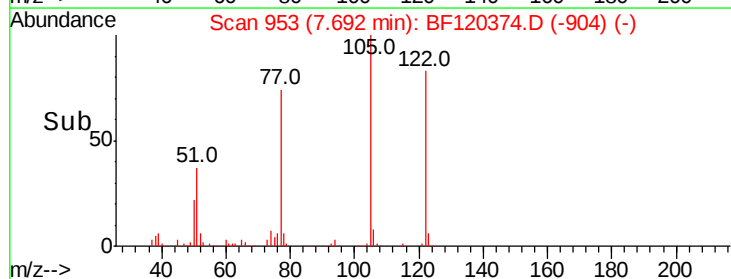
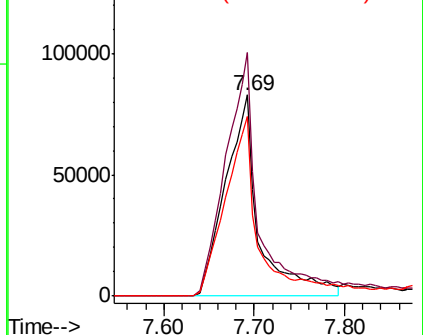
77 89.1 66.7 106.7

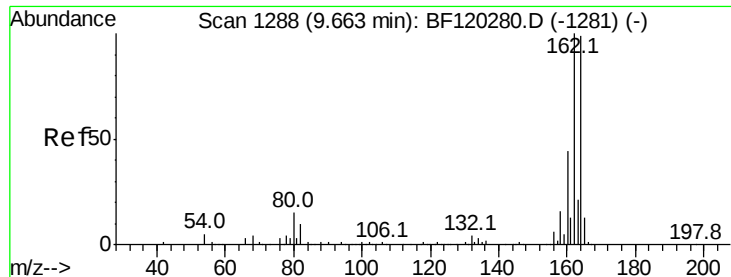


Abundance Ion 122.00 (121.70 to 122.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 77.00 (76.70 to 77.70): BF1

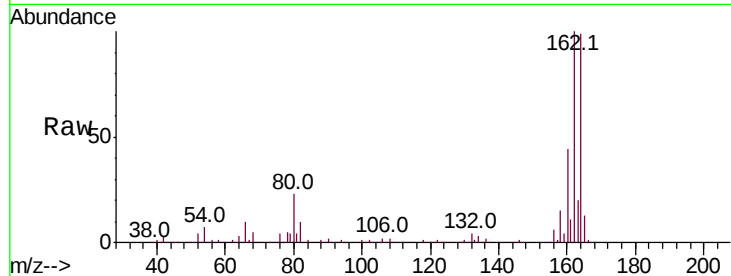




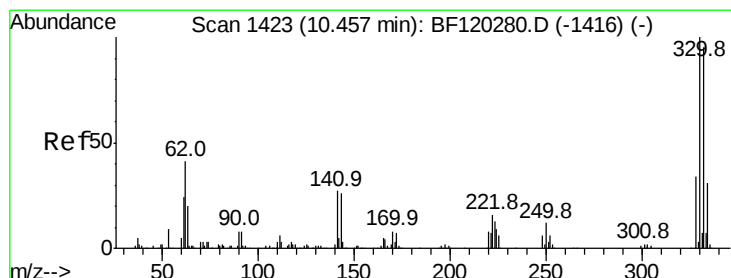
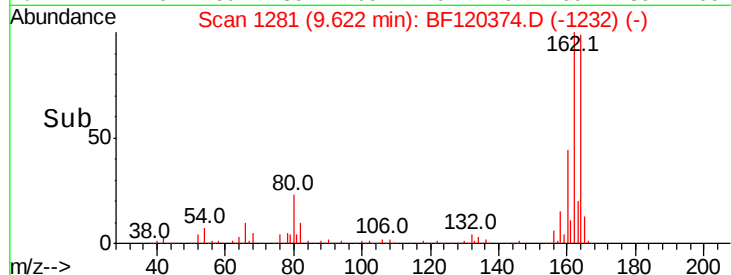
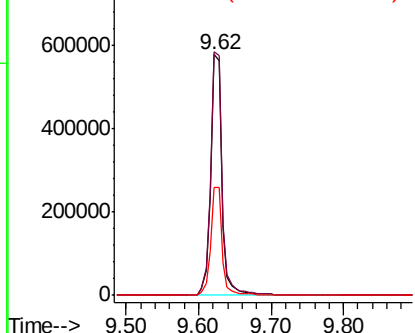
#39
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.62 min Scan# 1281
 Delta R.T. -0.01 min
 Lab File: BF120374.D
 Acq: 20 May 2020 17:19

Instrument :
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 ClientSampleId :
 HD-02-051920

Tot Ion:164 Resp: 625732
 Ion Ratio Lower Upper
 164 100
 162 101.2 81.2 121.8
 160 44.7 35.8 53.6

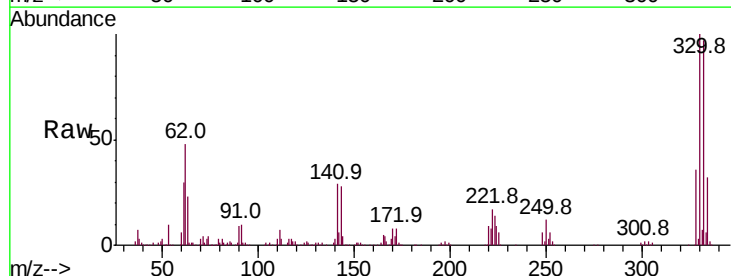


Abundance Ion 164.00 (163.70 to 164.70): E
 Ion 162.00 (161.70 to 162.70): E
 Ion 160.00 (159.70 to 160.70): E

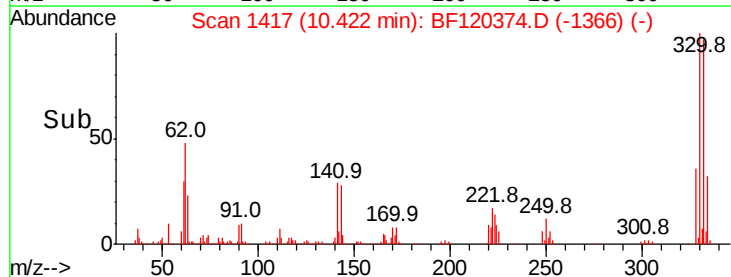
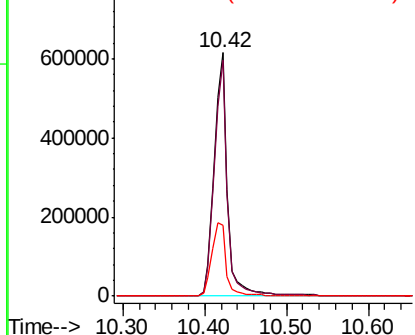


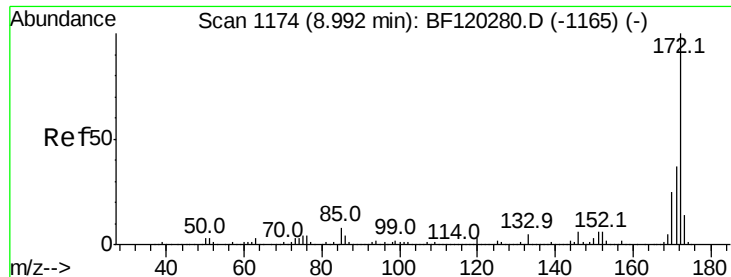
#42
 2,4,6-Tribromophenol
 Concen: 137.726 ng
 RT: 10.42 min Scan# 1417
 Delta R.T. 0.00 min
 Lab File: BF120374.D
 Acq: 20 May 2020 17:19

Tgt Ion:330 Resp: 702661
 Ion Ratio Lower Upper
 330 100
 332 96.1 76.5 114.7
 141 32.8 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



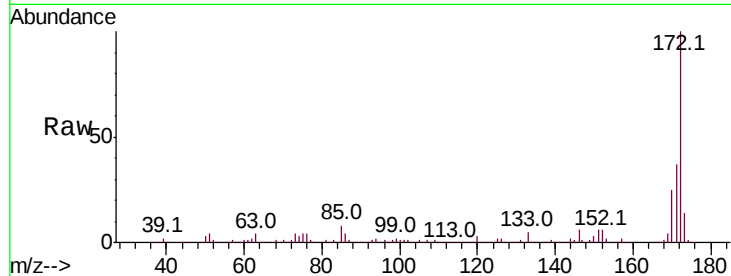


#45
 2-Fluorobiphenyl
 Concen: 104.050 ng
 RT: 8.96 min Scan# 1168
 Delta R.T. 0.00 min
 Lab File: BF120374.D
 Acq: 20 May 2020 17:19

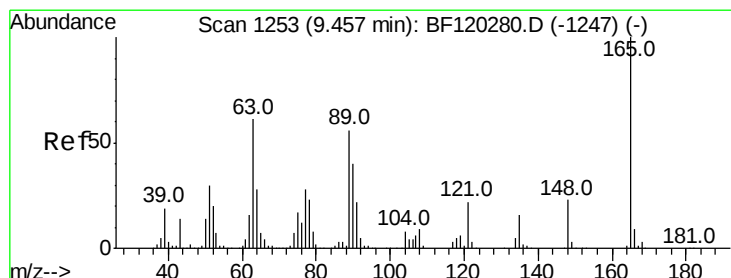
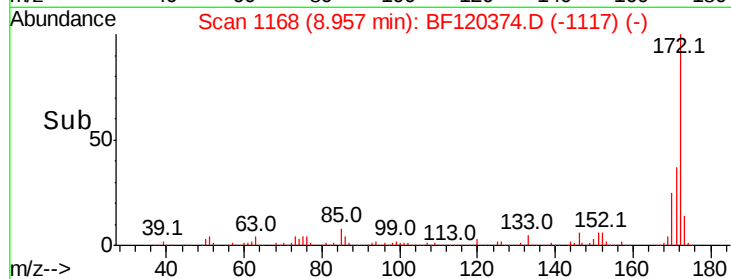
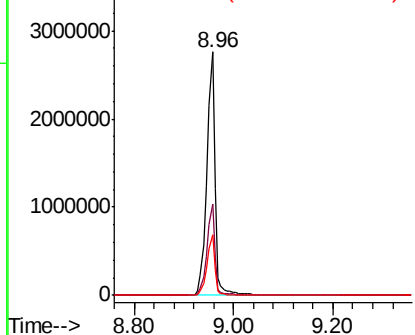
Instrument :
 BNA_M
 ClientSampleId :
 HD-02-051920

Tot Ion:172 Resp: 3169048

Ion	Ratio	Lower	Upper
172	100		
171	37.3	29.7	44.5
170	25.1	19.9	29.9



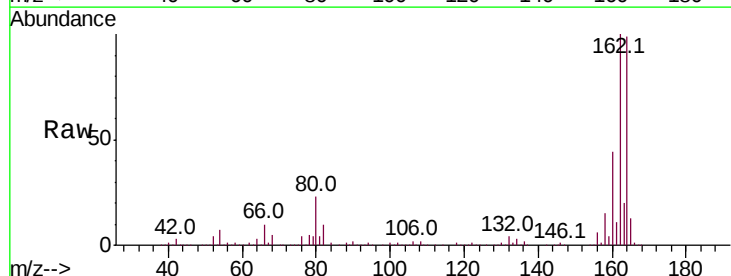
Abundance Ion 172.00 (171.70 to 172.70): E
 Ion 171.00 (170.70 to 171.70): E
 Ion 170.00 (169.70 to 170.70): E



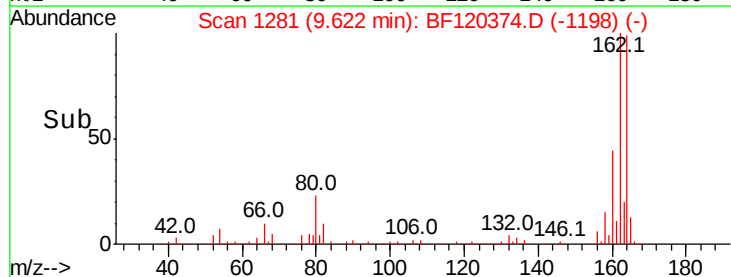
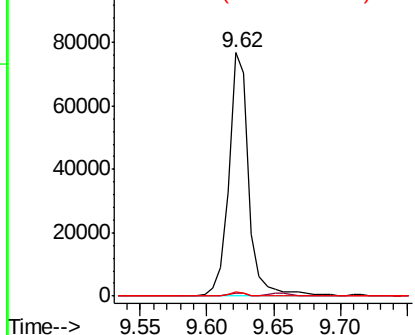
#51
 2,6-Dinitrotoluene
 Concen: 9.204 ng
 RT: 9.62 min Scan# 1281
 Delta R.T. 0.19 min
 Lab File: BF120374.D
 Acq: 20 May 2020 17:19

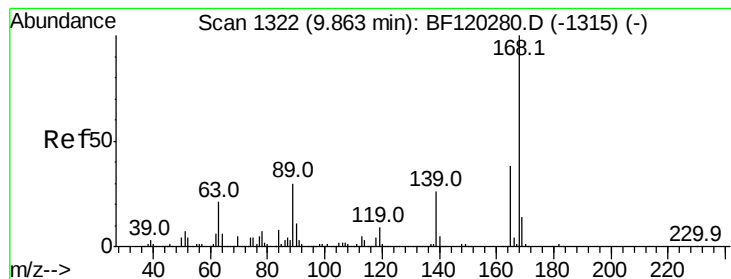
Tgt Ion:165 Resp: 81255

Ion	Ratio	Lower	Upper
165	100		
63	1.1	50.2	75.2#
89	1.5	44.6	66.8#



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





#57

2,4-Dinitrotoluene

Concen: 7.846 ng

RT: 9.62 min Scan# 1281

Delta R.T. -0.21 min

Lab File: BF120374.D

Acq: 20 May 2020 17:19

Instrument :

BNA_M

ClientSampleId :

HD-02-051920

Tot Ion:165 Resp: 81256

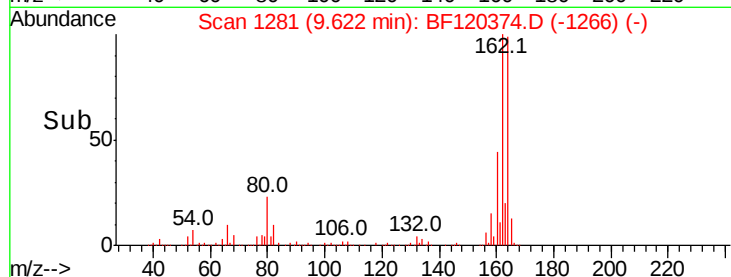
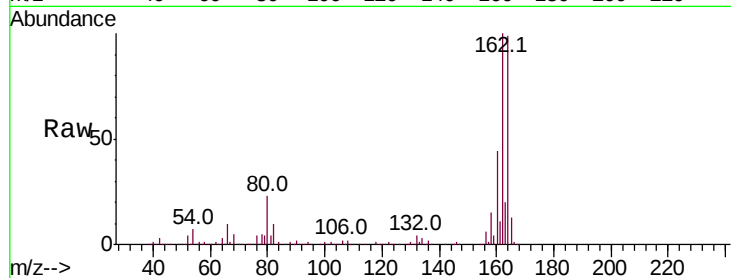
Ion Ratio Lower Upper

165 100

63 1.1 51.8 77.8#

89 1.5 64.2 96.4#

182 0.0 2.0 3.0#

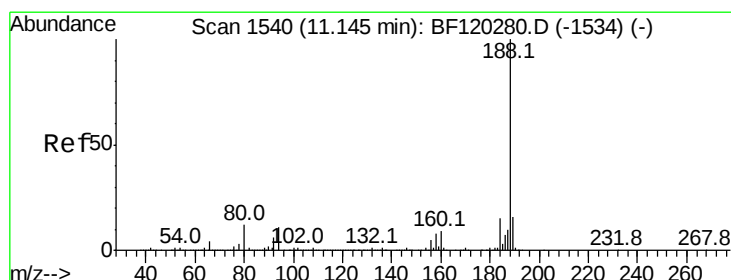
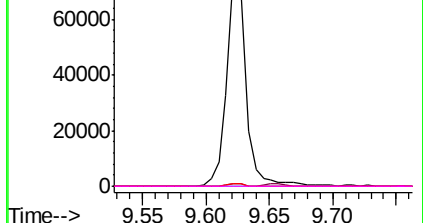


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF1

Ion 89.00 (88.70 to 89.70): BF1

Ion 182.00 (181.70 to 182.70): E



#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.11 min Scan# 1534

Delta R.T. 0.00 min

Lab File: BF120374.D

Acq: 20 May 2020 17:19

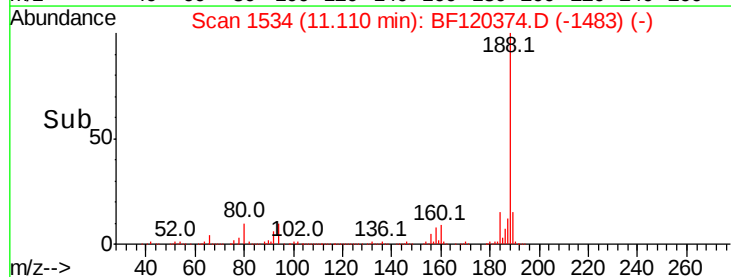
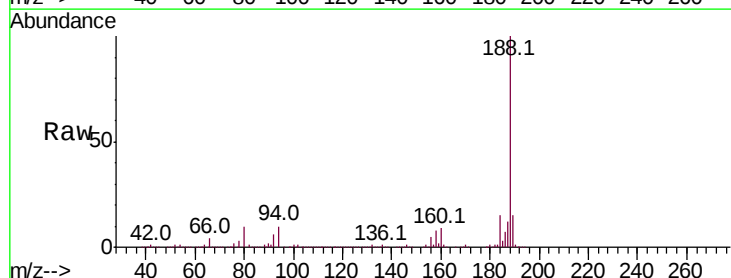
Tgt Ion:188 Resp: 1164267

Ion Ratio Lower Upper

188 100

94 10.1 8.6 13.0

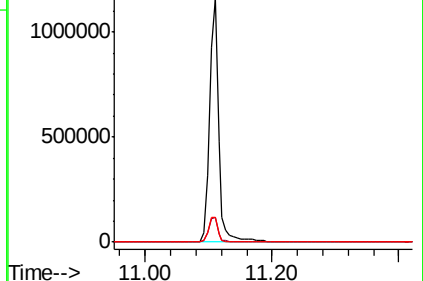
80 10.2 9.2 13.8

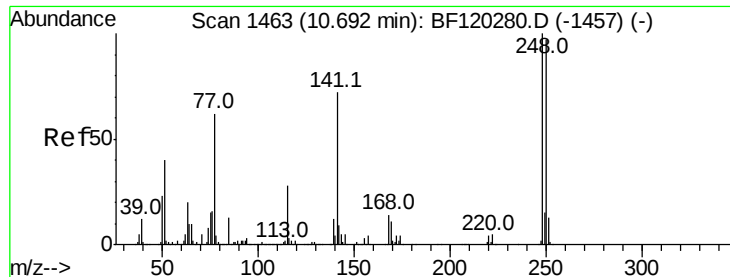


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BF1

Ion 80.00 (79.70 to 80.70): BF1

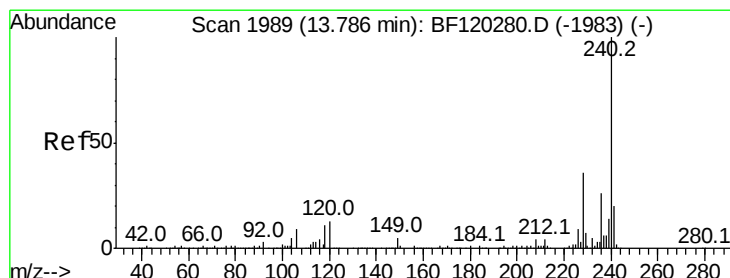
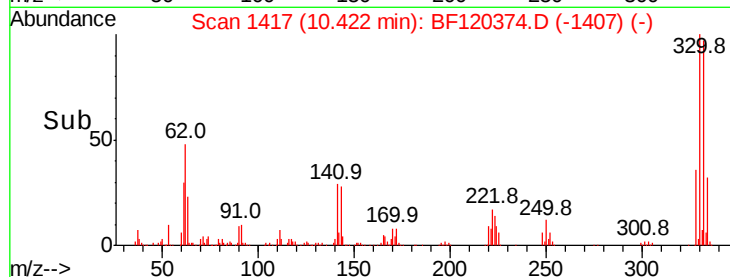
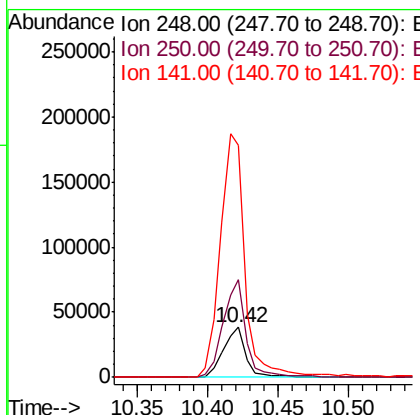
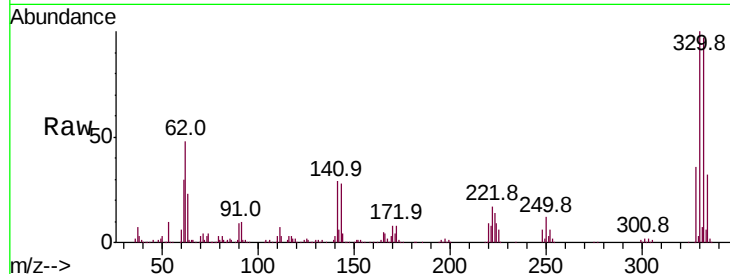




#67
4-Bromophenyl-phenylether
Concen: 3.825 ng
RT: 10.42 min Scan# 1417
Delta R.T. -0.24 min
Lab File: BF120374.D
Acq: 20 May 2020 17:19

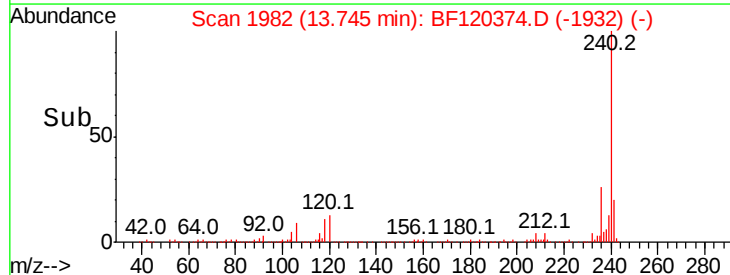
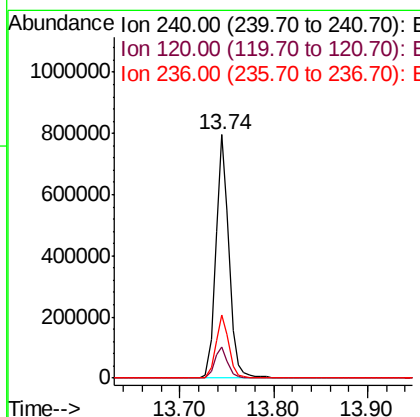
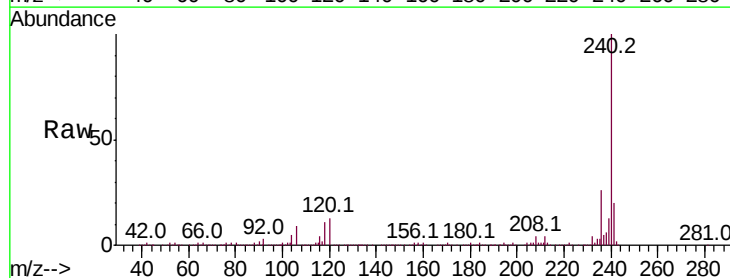
Instrument :
BNA_M
ClientSampleId :
HD-02-051920

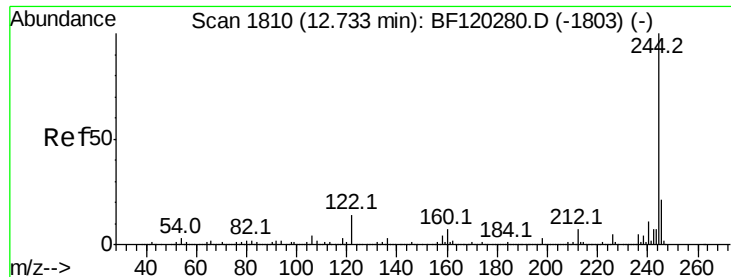
Tot Ion:248 Resp: 43209
Ion Ratio Lower Upper
248 100
250 194.9 77.8 116.6#
141 464.3 57.7 86.5#



#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.74 min Scan# 1982
Delta R.T. -0.01 min
Lab File: BF120374.D
Acq: 20 May 2020 17:19

Tgt Ion:240 Resp: 784481
Ion Ratio Lower Upper
240 100
120 12.9 10.4 15.6
236 25.9 21.0 31.6





#79

Terphenyl-d14

Concen: 90.566 ng

RT: 12.70 min Scan# 1805

Delta R.T. 0.01 min

Lab File: BF120374.D

Acq: 20 May 2020 17:19

Instrument :

BNA_M

ClientSampleId :

HD-02-051920

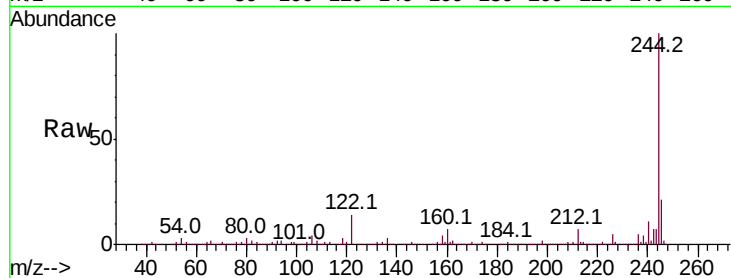
Tot Ion:244 Resp: 3215960

Ion Ratio Lower Upper

244 100

212 6.9 5.8 8.6

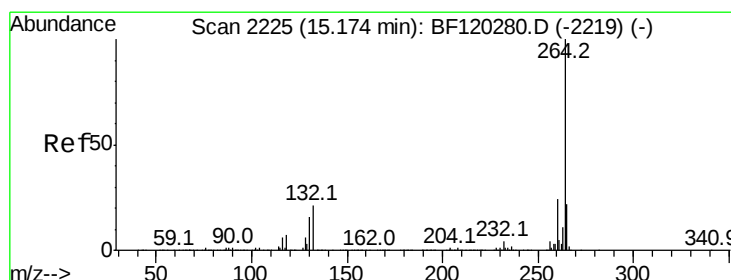
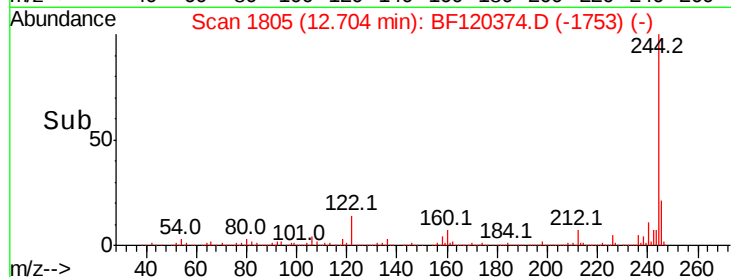
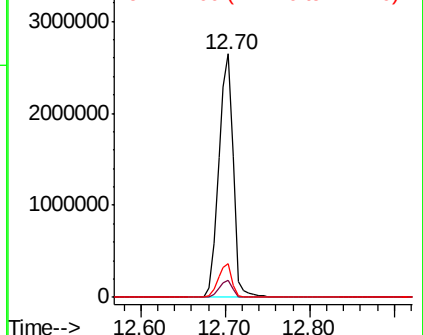
122 13.7 10.8 16.2



Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E



#87

Perylene-d12

Concen: 20.000 ng

RT: 15.13 min Scan# 2217

Delta R.T. 0.00 min

Lab File: BF120374.D

Acq: 20 May 2020 17:19

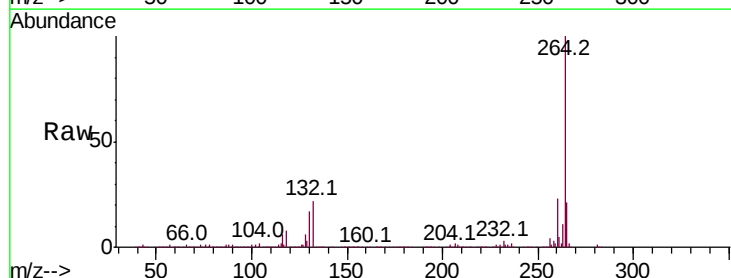
Tgt Ion:264 Resp: 579698

Ion Ratio Lower Upper

264 100

260 23.3 19.0 28.6

265 21.2 17.5 26.3



Abundance Ion 264.00 (263.70 to 264.70): E

Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E

