

Data Path : Z:\svoasrv\HPCHEM1\BNA F\Data\BF051820\
 Data File : BF120345.D
 Acq On : 18 May 2020 16:50
 Operator : MA/SJ
 Sample : PB128946BL
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB128946BL

Quant Time: May 18 17:39:26 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

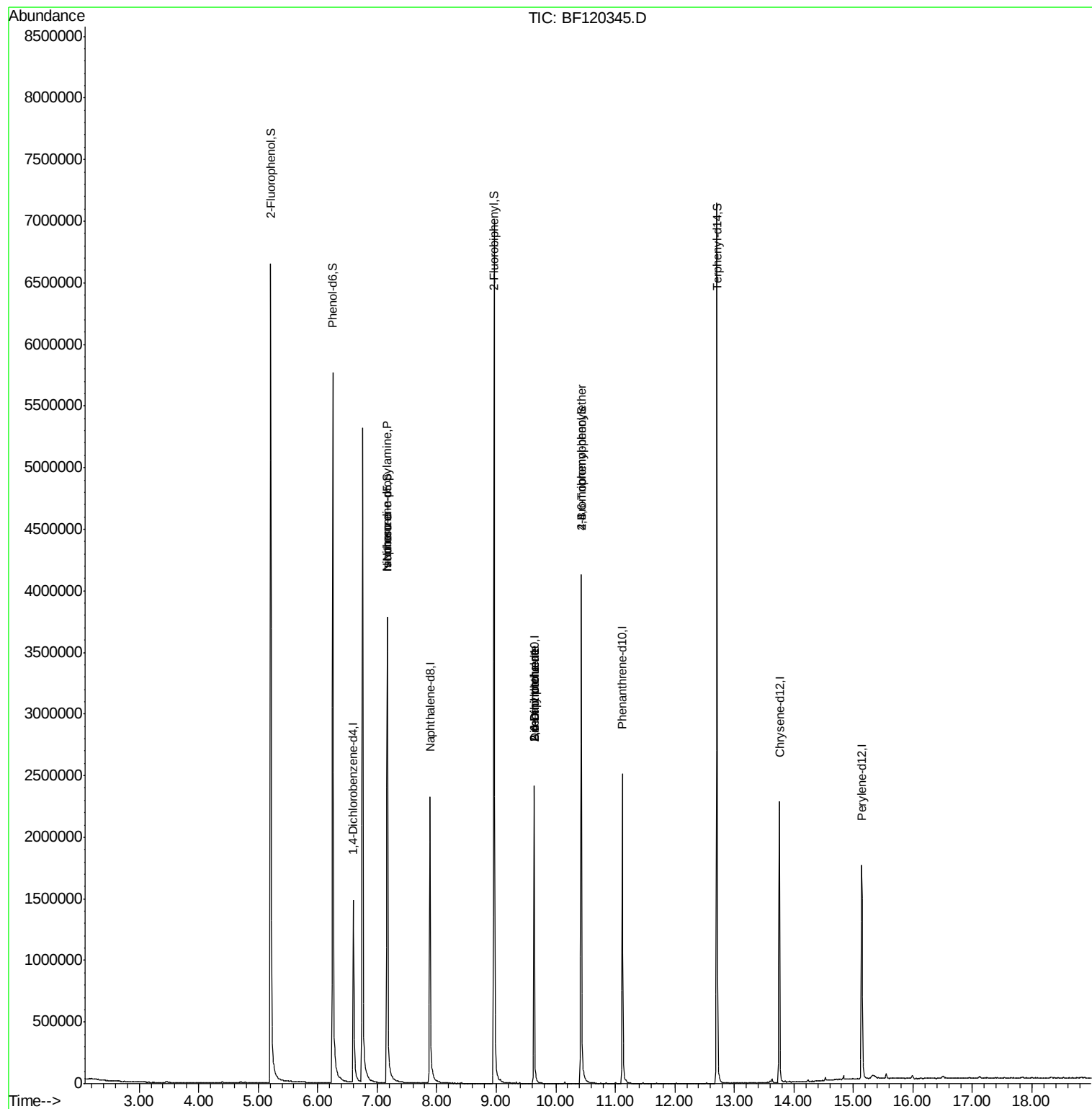
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.60	152	326501	20.00	ng	0.00
21) Naphthalene-d8	7.89	136	1456433	20.00	ng	0.00
39) Acenaphthene-d10	9.64	164	593439	20.00	ng	0.00
64) Phenanthrene-d10	11.12	188	1111553	20.00	ng	0.00
76) Chrysene-d12	13.76	240	929102	20.00	ng	0.00
87) Perylene-d12	15.14	264	834853	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.21	112	2129200	126.88	ng	0.00
7) Phenol-d6	6.26	99	2657231	125.22	ng	0.00
23) Nitrobenzene-d5	7.17	82	1680380	78.99	ng	0.00
42) 2,4,6-Tribromophenol	10.43	330	603860	124.80	ng	0.00
45) 2-Fluorobiphenyl	8.97	172	2793827	96.72	ng	0.00
79) Terphenyl-d14	12.71	244	3085539	73.37	ng	0.00
Target Compounds						
19) n-Nitroso-di-n-propylamine	7.17	70	210984	15.176	ng	# 79
25) Isophorone	7.17	82	1637509	36.997	ng	# 65
50) Dimethylphthalate	9.64	163	125651	3.349	ng	# 1
51) 2,6-Dinitrotoluene	9.63	165	75246	8.987	ng	# 22
57) 2,4-Dinitrotoluene	9.63	165	75246	7.661	ng	# 15
67) 4-Bromophenyl-phenylether	10.43	248	37538	3.480	ng	# 1

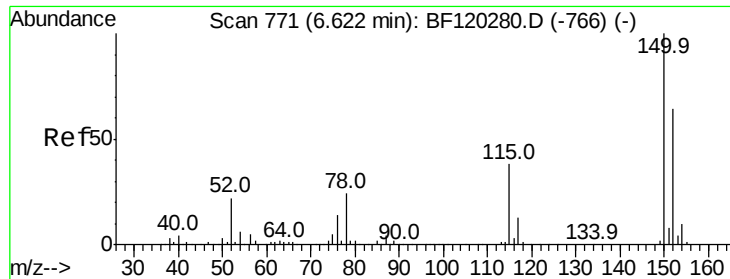
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon May 18 15:23:07 2020
Response via : Initial Calibration



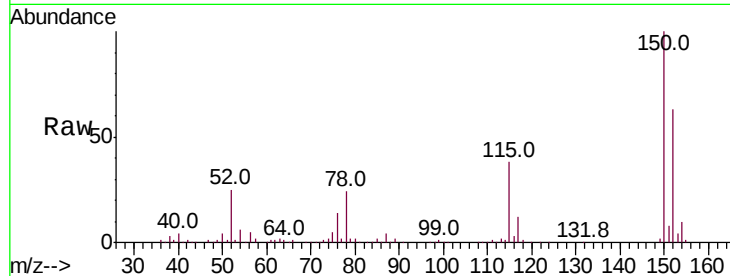


#1

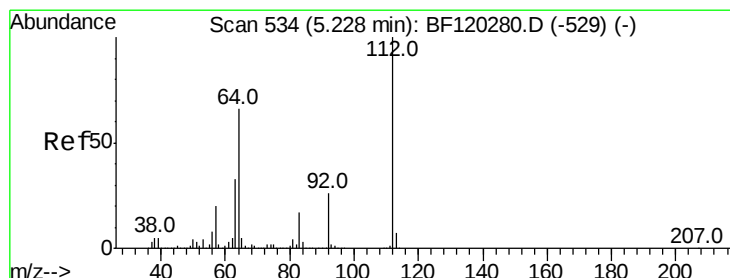
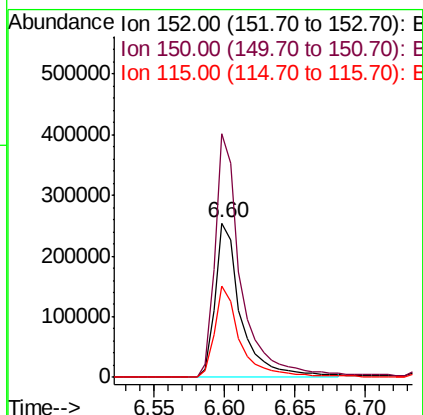
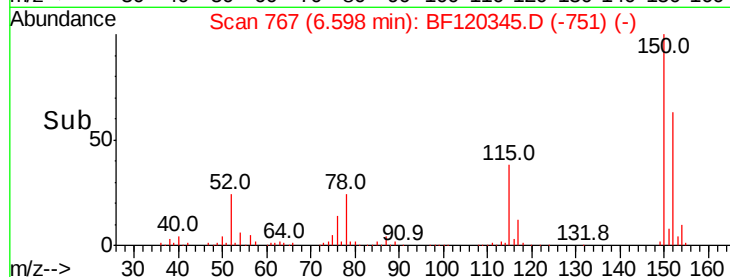
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.60 min Scan# 767
Delta R.T. -0.01 min
Lab File: BF120345.D
Acq: 18 May 2020 16:50

Instrument :
BNA_F
ClientSampleId :
PB128946BL

Tot Ion:152 Resp: 326501
Ion Ratio Lower Upper
152 100
150 158.0 126.2 189.2
115 59.4 47.9 71.9



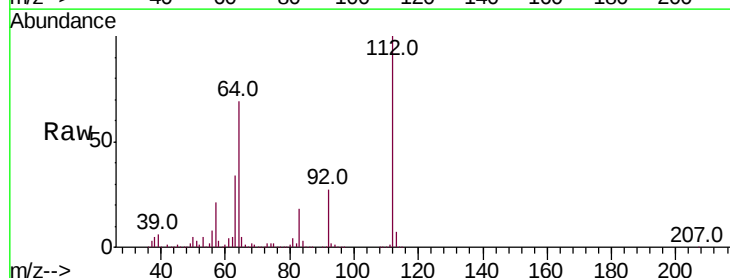
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



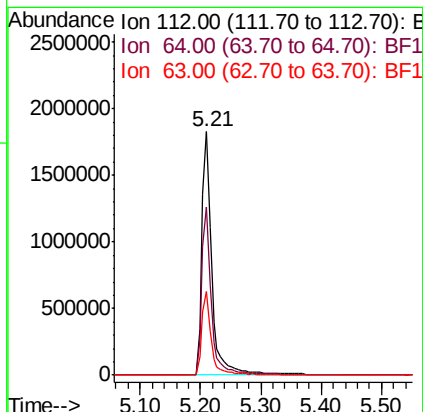
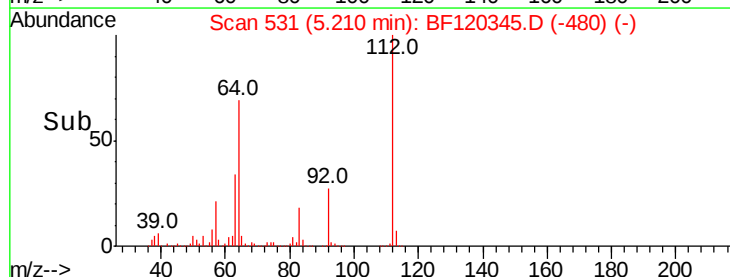
#5

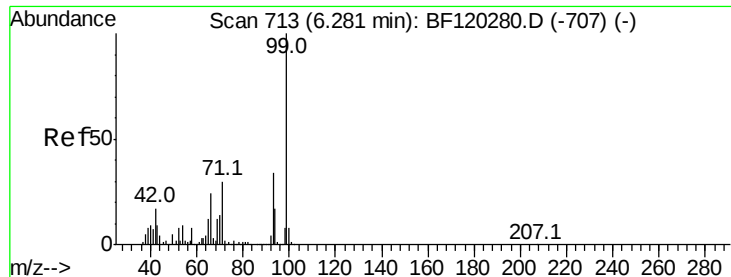
2-Fluorophenol
Concen: 126.885 ng
RT: 5.21 min Scan# 531
Delta R.T. -0.00 min
Lab File: BF120345.D
Acq: 18 May 2020 16:50

Tgt Ion:112 Resp: 2129200
Ion Ratio Lower Upper
112 100
64 69.1 52.7 79.1
63 34.4 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: 125.219 ng

RT: 6.26 min Scan# 709

Delta R.T. -0.01 min

Lab File: BF120345.D

Acq: 18 May 2020 16:50

Instrument :

BNA_F

ClientSampled :

PB128946BL

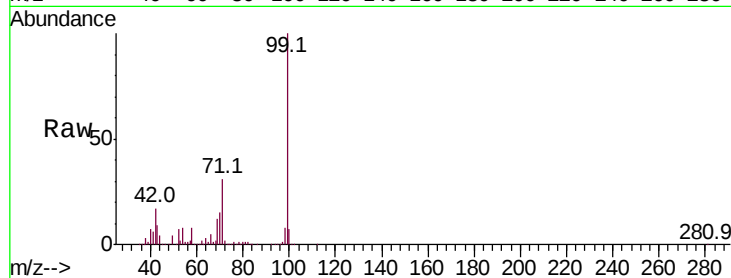
Tot Ion: 99 Resp: 2657231

Ion Ratio Lower Upper

99 100

42 17.2 13.6 20.4

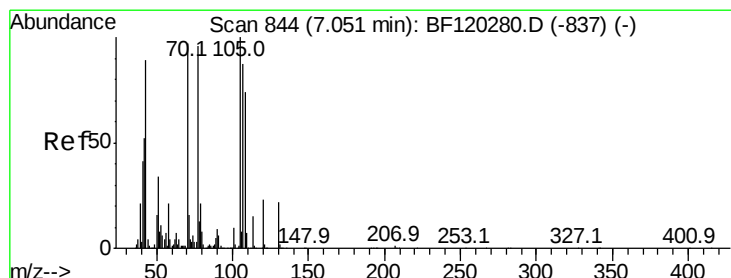
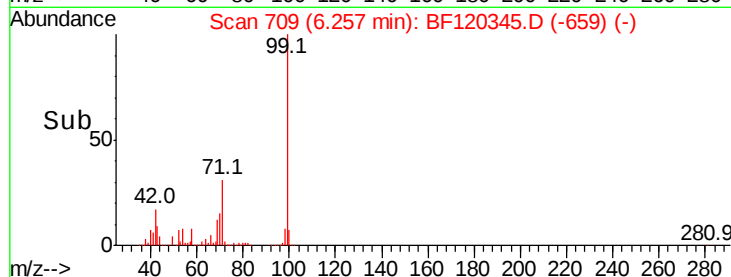
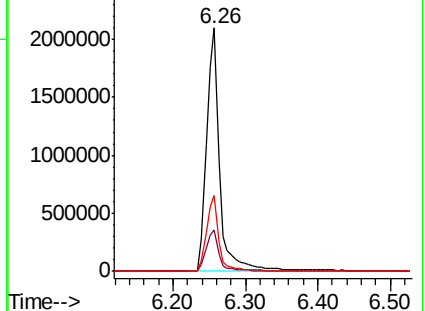
71 31.0 24.2 36.4



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



#19

n-Nitroso-di-n-propylamine

Concen: 15.176 ng

RT: 7.17 min Scan# 864

Delta R.T. 0.14 min

Lab File: BF120345.D

Acq: 18 May 2020 16:50

Tgt Ion: 70 Resp: 210984

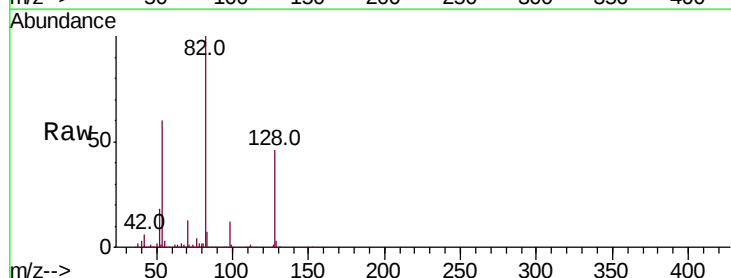
Ion Ratio Lower Upper

70 100

42 45.8 43.4 65.0

101 0.0 7.8 11.8#

130 2.2 18.2 27.4#

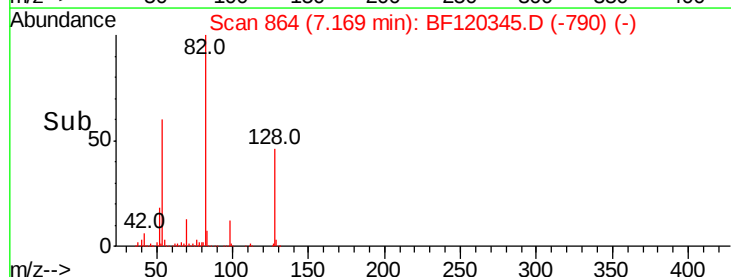
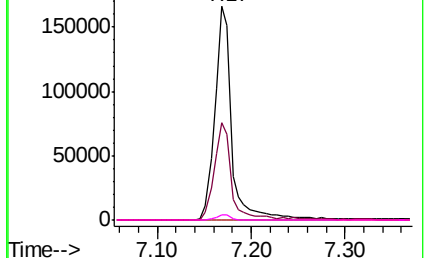


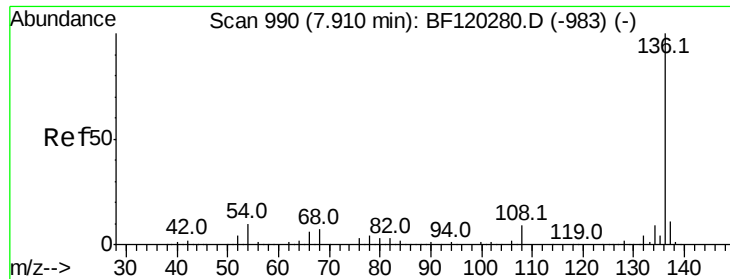
Abundance Ion 70.00 (69.70 to 70.70): BF1

Ion 42.00 (41.70 to 42.70): BF1

Ion 101.00 (100.70 to 101.70): BF1

Ion 130.00 (129.70 to 130.70): BF1



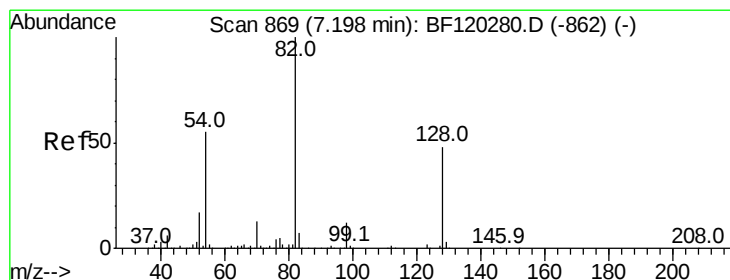
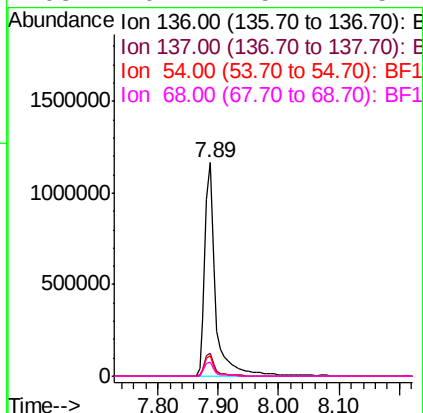
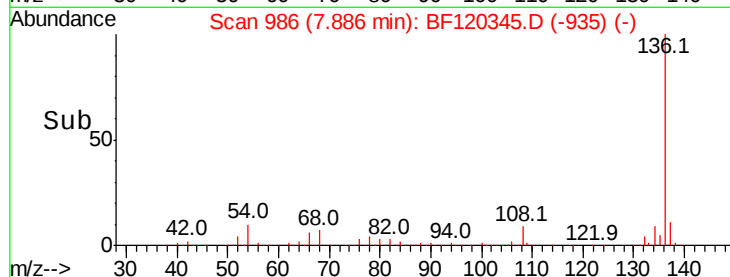
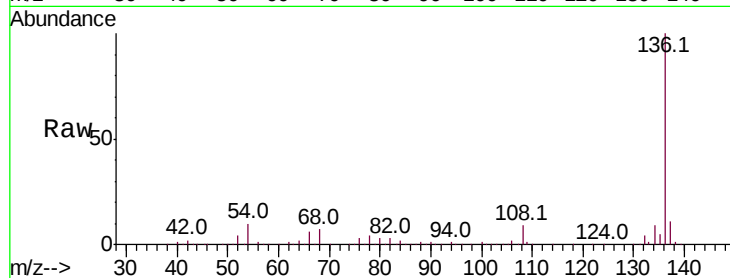


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 7.89 min Scan# 986
Delta R.T. -0.00 min
Lab File: BF120345.D
Acq: 18 May 2020 16:50

Instrument :
BNA_F
ClientSampleId :
PB128946BL

Tot Ion:136 Resp: 1456433

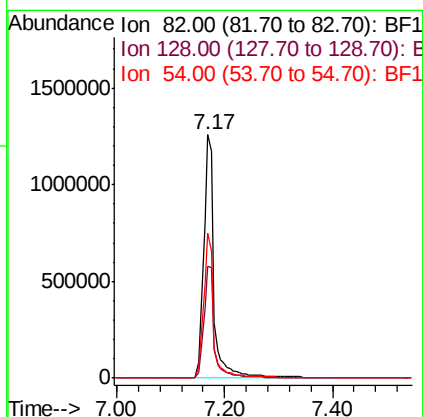
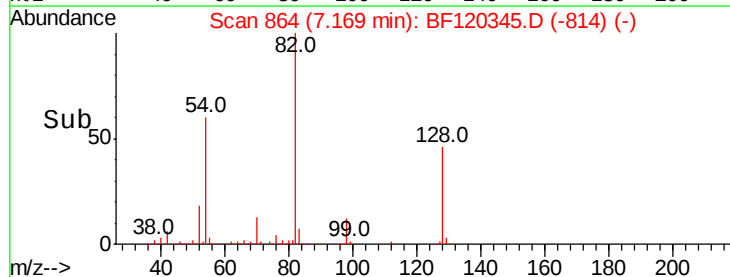
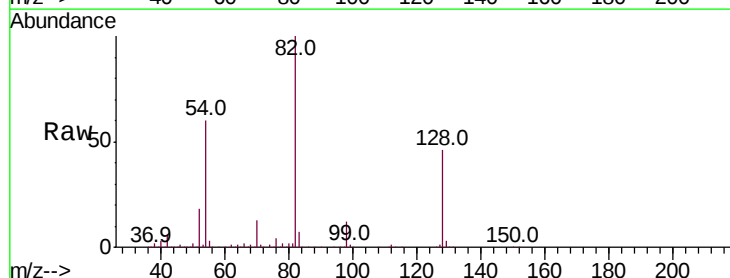
Ion	Ratio	Lower	Upper
136	100		
137	11.1	9.1	13.7
54	9.8	7.9	11.9
68	6.7	5.4	8.2

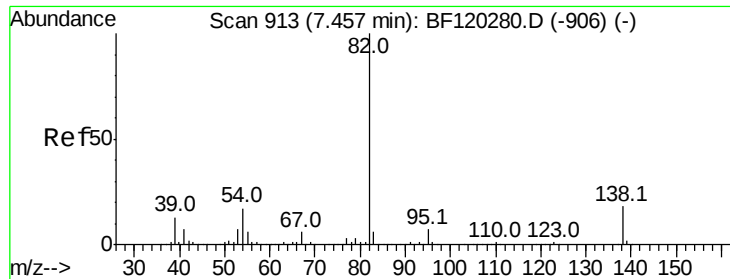


#23
Nitrobenzene-d5
Concen: 78.994 ng
RT: 7.17 min Scan# 864
Delta R.T. -0.01 min
Lab File: BF120345.D
Acq: 18 May 2020 16:50

Tgt Ion: 82 Resp: 1680380

Ion	Ratio	Lower	Upper
82	100		
128	45.8	38.3	57.5
54	59.8	43.9	65.9





#25

Isophorone

Concen: 36.997 ng

RT: 7.17 min Scan# 864

Delta R.T. -0.26 min

Lab File: BF120345.D

Acq: 18 May 2020 16:50

Instrument :

BNA_F

ClientSampleId :

PB128946BL

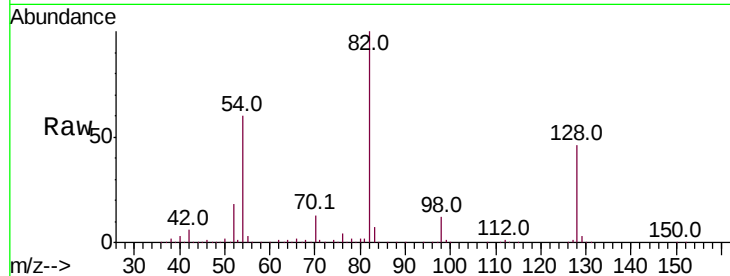
Tot Ion: 82 Resp: 1637509

Ion Ratio Lower Upper

82 100

95 0.0 5.4 8.0#

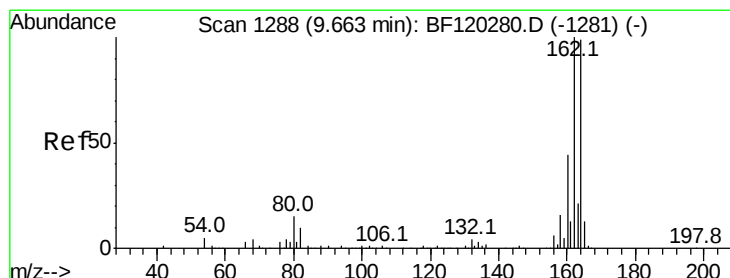
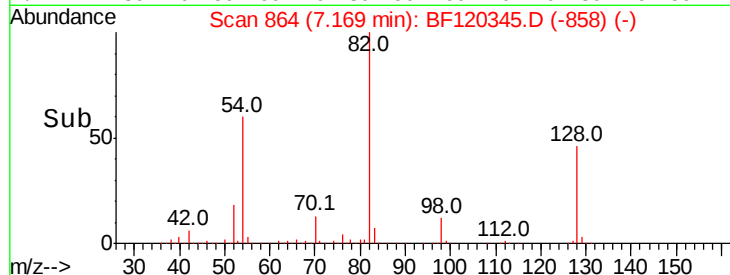
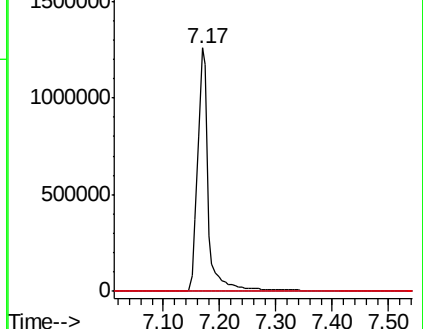
138 0.0 14.7 22.1#



Abundance Ion 82.00 (81.70 to 82.70): BF1

Ion 95.00 (94.70 to 95.70): BF1

Ion 138.00 (137.70 to 138.70): BF1



#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.64 min Scan# 1284

Delta R.T. -0.01 min

Lab File: BF120345.D

Acq: 18 May 2020 16:50

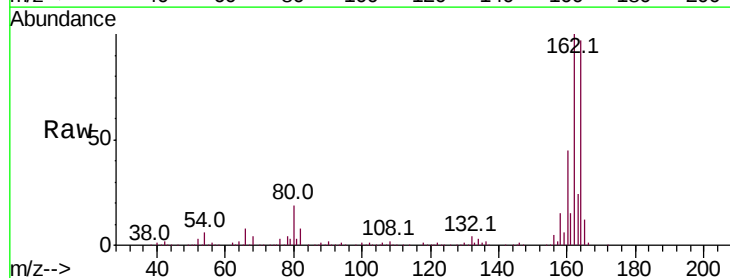
Tgt Ion:164 Resp: 593439

Ion Ratio Lower Upper

164 100

162 102.7 81.2 121.8

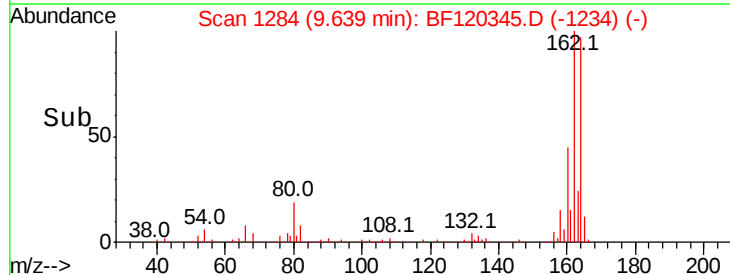
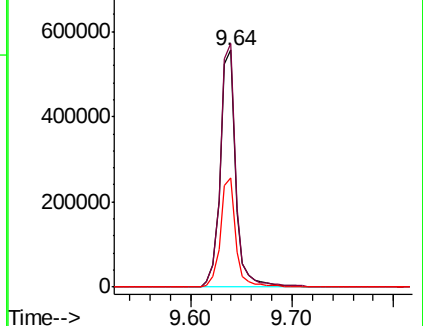
160 46.2 35.8 53.6

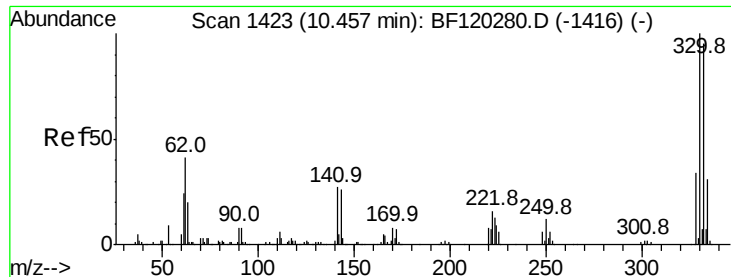


Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E

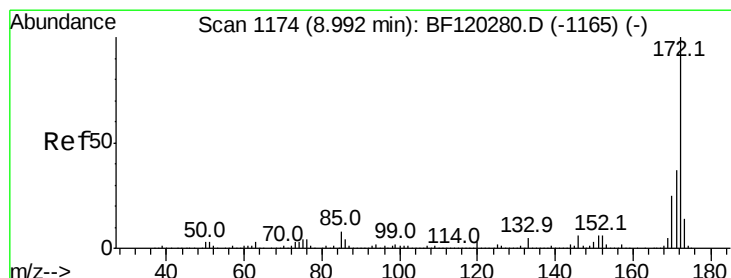
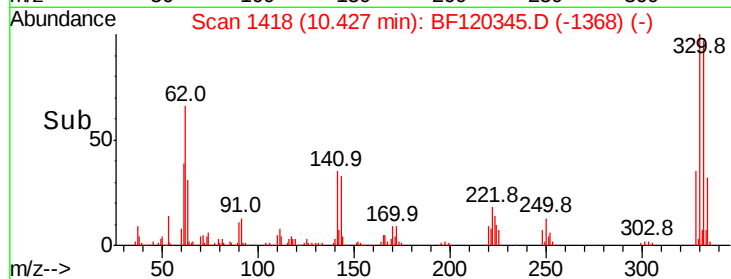
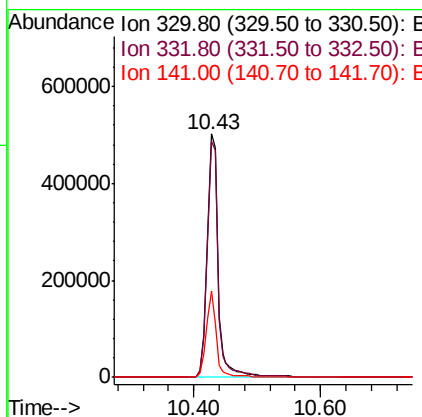
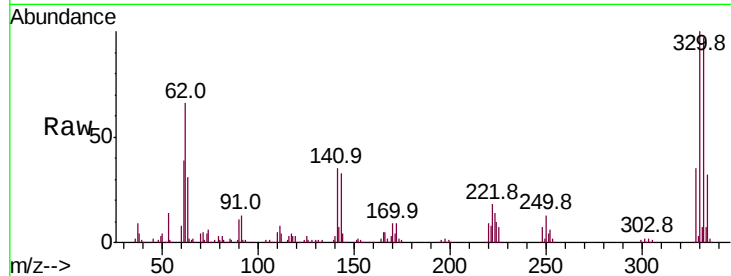




#42
 2,4,6-Tribromophenol
 Concen: 124.801 ng
 RT: 10.43 min Scan# 1418
 Delta R.T. -0.01 min
 Lab File: BF120345.D
 Acq: 18 May 2020 16:50

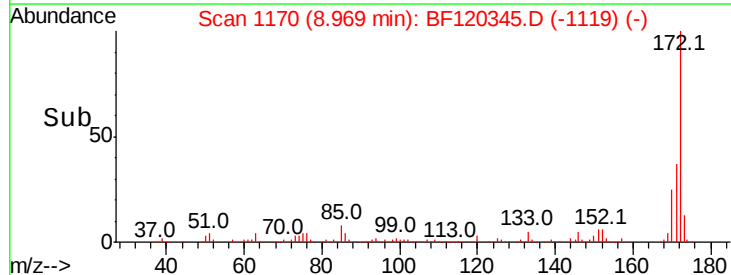
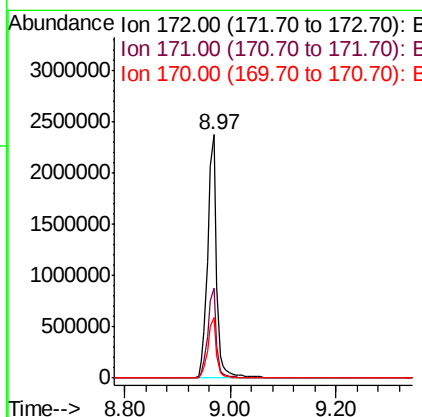
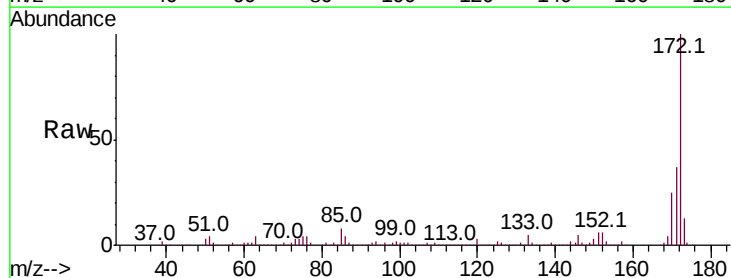
Instrument :
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 PB128946BL

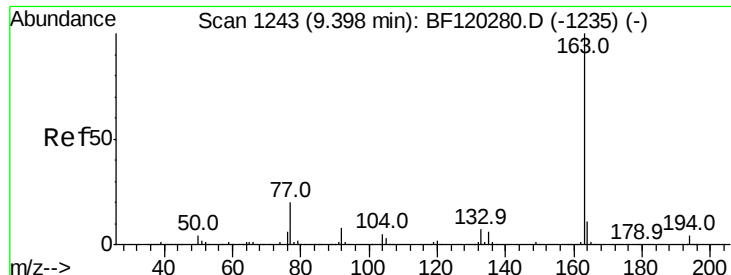
Tot Ion:330 Resp: 603860
 Ion Ratio Lower Upper
 330 100
 332 96.8 76.5 114.7
 141 32.2 25.4 38.0



#45
 2-Fluorobiphenyl
 Concen: 96.722 ng
 RT: 8.97 min Scan# 1170
 Delta R.T. -0.00 min
 Lab File: BF120345.D
 Acq: 18 May 2020 16:50

Tgt Ion:172 Resp: 2793827
 Ion Ratio Lower Upper
 172 100
 171 37.0 29.7 44.5
 170 24.7 19.9 29.9





#50

Dimethylphthalate

Concen: 3.349 ng

RT: 9.64 min Scan# 1284

Delta R.T. 0.26 min

Lab File: BF120345.D

Acq: 18 May 2020 16:50

Instrument :

BNA_F

ClientSampleId :

PB128946BL

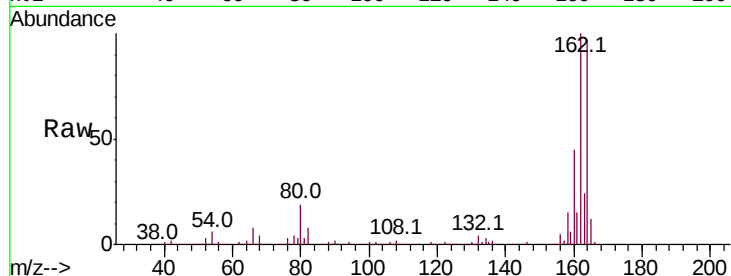
Tot Ion:163 Resp: 125651

Ion Ratio Lower Upper

163 100

194 0.0 3.1 4.7#

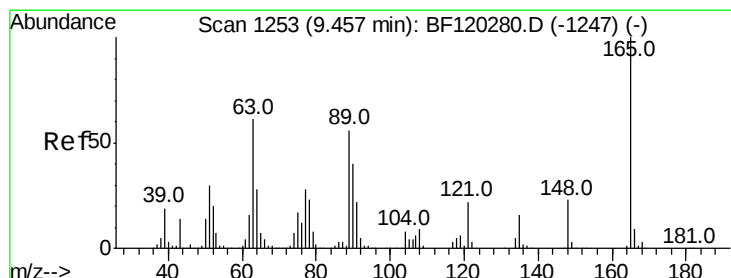
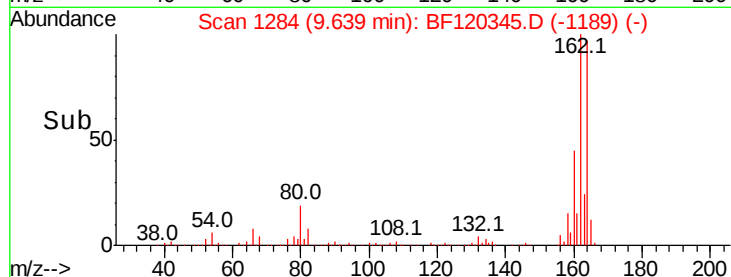
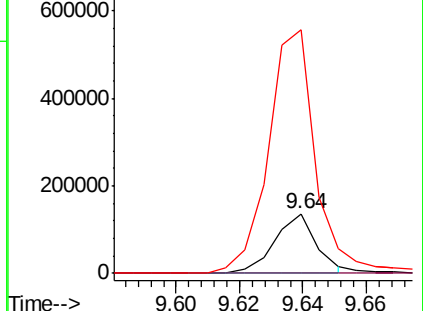
164 407.0 8.6 12.8#



Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E



#51

2,6-Dinitrotoluene

Concen: 8.987 ng

RT: 9.63 min Scan# 1283

Delta R.T. 0.19 min

Lab File: BF120345.D

Acq: 18 May 2020 16:50

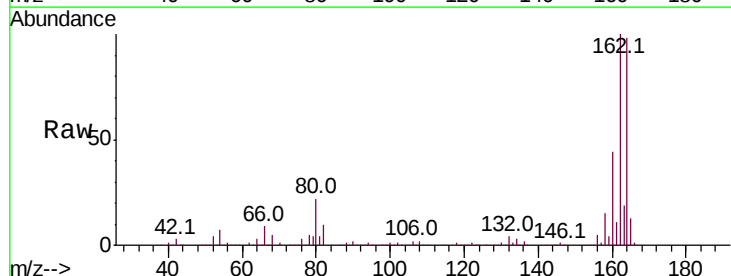
Tgt Ion:165 Resp: 75246

Ion Ratio Lower Upper

165 100

63 0.8 50.2 75.2#

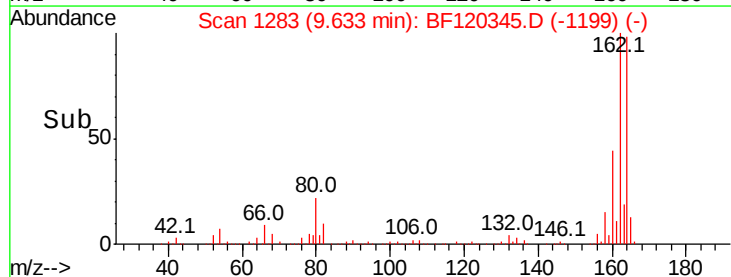
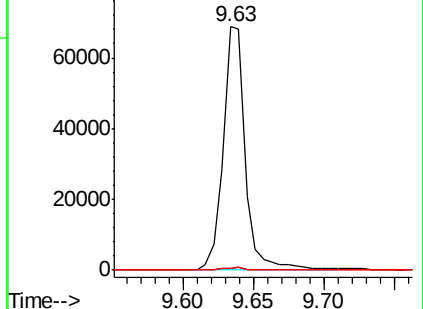
89 0.9 44.6 66.8#

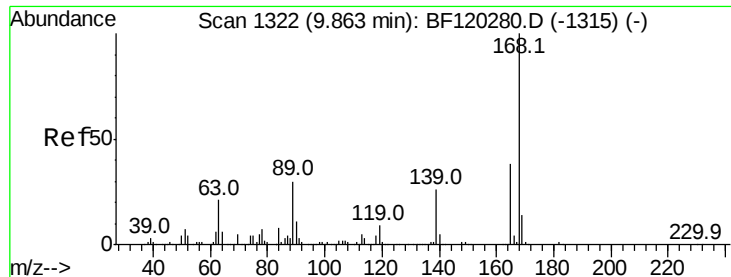


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF1

Ion 89.00 (88.70 to 89.70): BF1

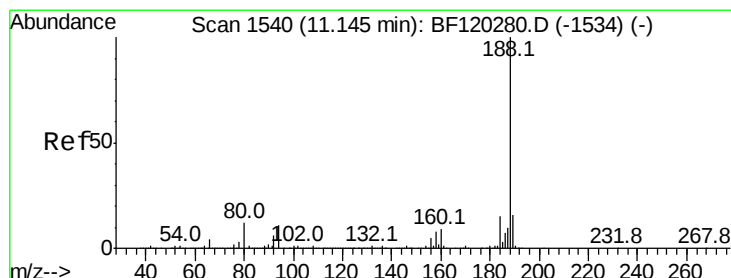
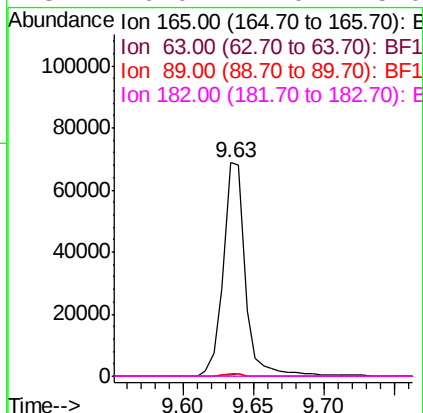
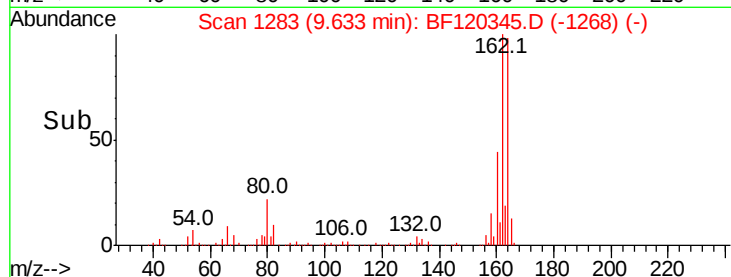
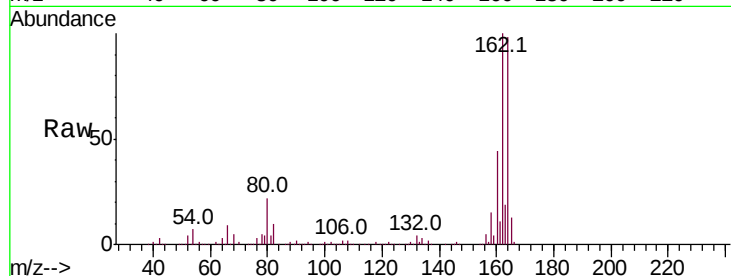




#57
 2,4-Dinitrotoluene
 Concen: 7.661 ng
 RT: 9.63 min Scan# 1283
 Delta R.T. -0.21 min
 Lab File: BF120345.D
 Acq: 18 May 2020 16:50

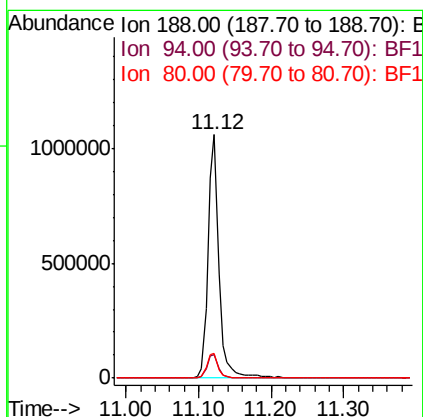
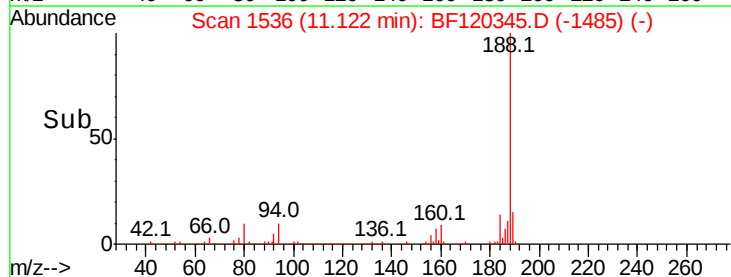
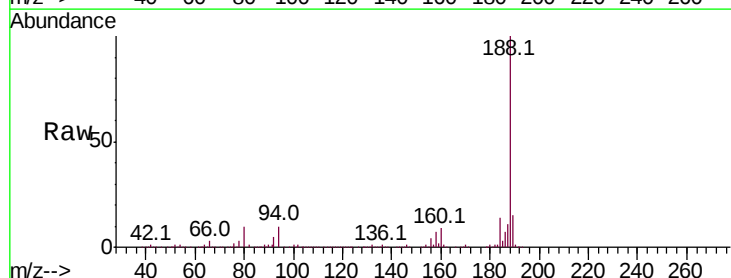
Instrument :
 BNA_F
 ClientSampleID :
 PB128946BL

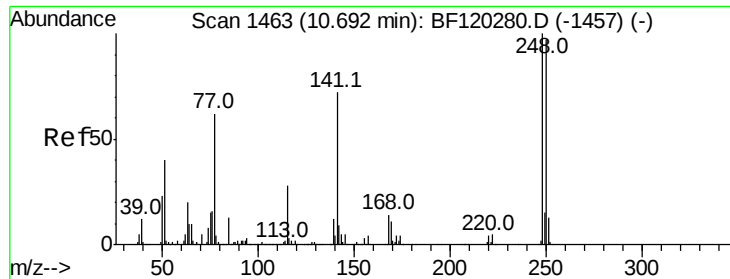
Tot Ion:165 Resp: 75246
 Ion Ratio Lower Upper
 165 100
 63 0.8 51.8 77.8#
 89 0.9 64.2 96.4#
 182 0.0 2.0 3.0#



#64
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 11.12 min Scan# 1536
 Delta R.T. -0.00 min
 Lab File: BF120345.D
 Acq: 18 May 2020 16:50

Tgt Ion:188 Resp: 1111553
 Ion Ratio Lower Upper
 188 100
 94 9.7 8.6 13.0
 80 10.2 9.2 13.8

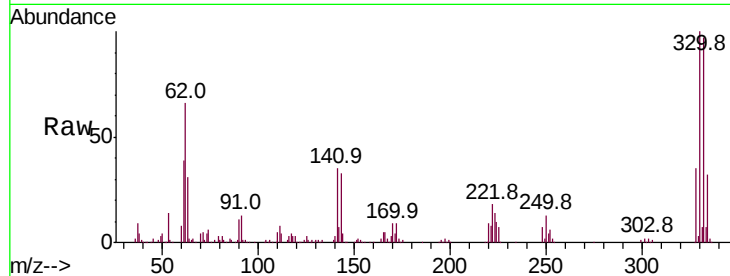




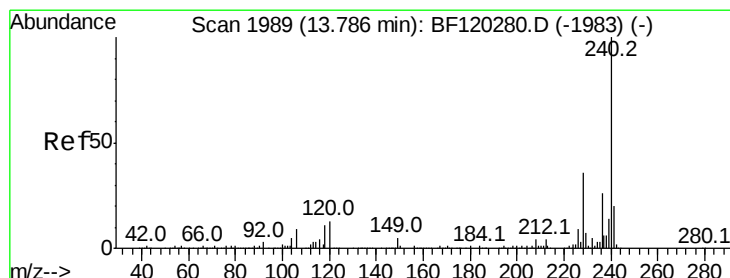
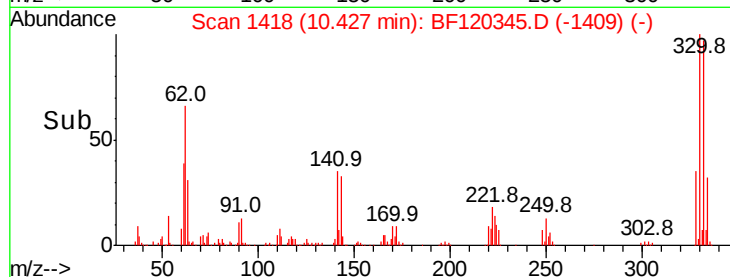
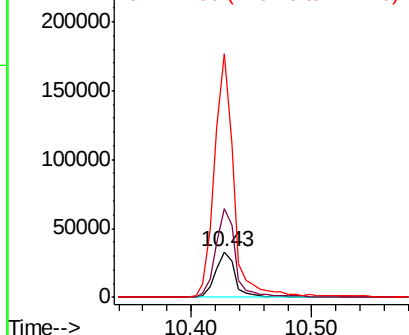
#67
4-Bromophenyl-phenylether
Concen: 3.480 ng
RT: 10.43 min Scan# 1418
Delta R.T. -0.25 min
Lab File: BF120345.D
Acq: 18 May 2020 16:50

Instrument :
BNA_F
ClientSampleId :
PB128946BL

Tot Ion:248 Resp: 37538
Ion Ratio Lower Upper
248 100
250 196.5 77.8 116.6#
141 538.0 57.7 86.5#

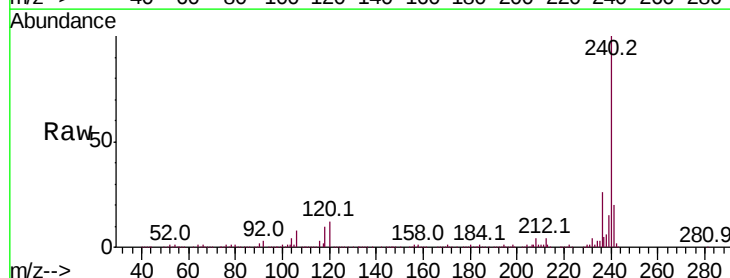


Abundance Ion 248.00 (247.70 to 248.70): E
Ion 250.00 (249.70 to 250.70): E
Ion 141.00 (140.70 to 141.70): E

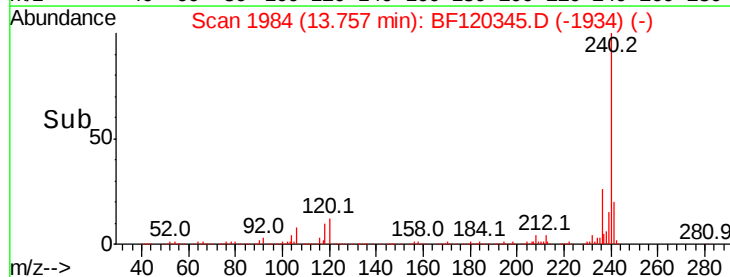
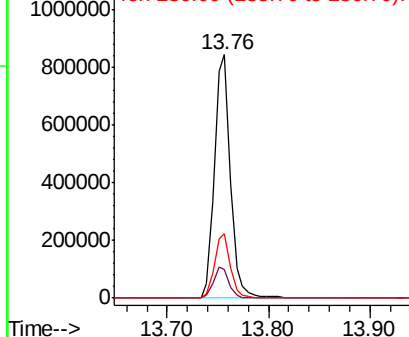


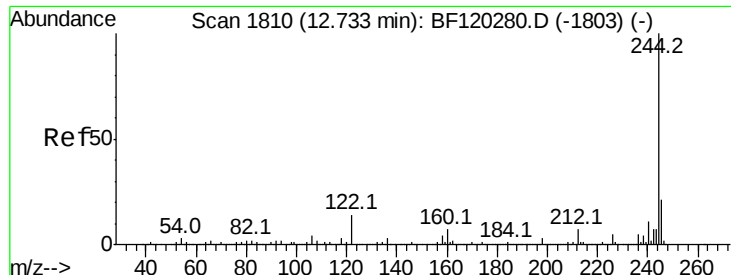
#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.76 min Scan# 1984
Delta R.T. -0.01 min
Lab File: BF120345.D
Acq: 18 May 2020 16:50

Tgt Ion:240 Resp: 929102
Ion Ratio Lower Upper
240 100
120 11.9 10.4 15.6
236 26.5 21.0 31.6



Abundance Ion 240.00 (239.70 to 240.70): E
Ion 120.00 (119.70 to 120.70): E
Ion 236.00 (235.70 to 236.70): E





#79

Terphenyl-d14

Concen: 73.368 ng

RT: 12.71 min Scan# 1806

Delta R.T. -0.00 min

Lab File: BF120345.D

Acq: 18 May 2020 16:50

Instrument :

BNA_F

ClientSampleId :

PB128946BL

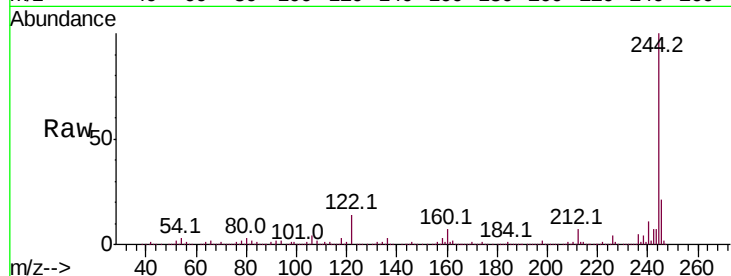
Tot Ion:244 Resp: 3085539

Ion Ratio Lower Upper

244 100

212 7.1 5.8 8.6

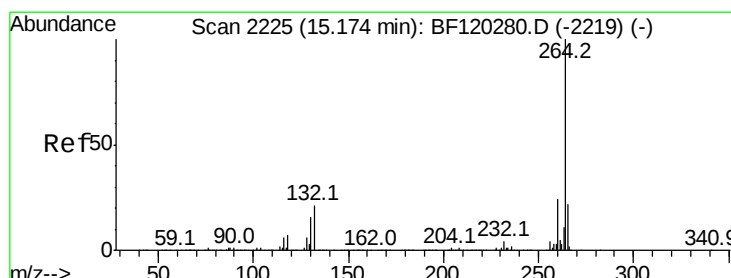
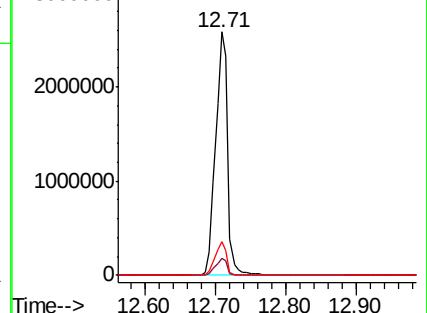
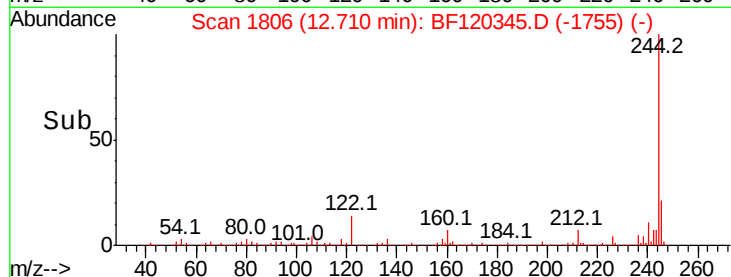
122 13.9 10.8 16.2



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: 15.14 min Scan# 2219

Delta R.T. -0.01 min

Lab File: BF120345.D

Acq: 18 May 2020 16:50

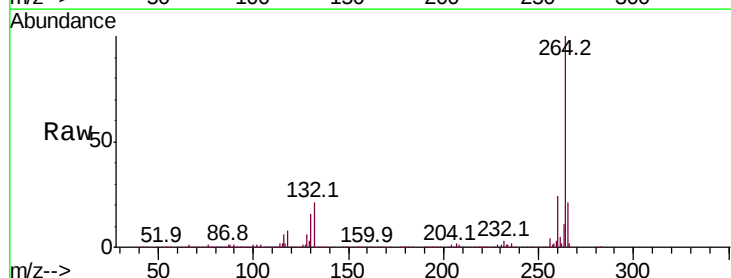
Tgt Ion:264 Resp: 834853

Ion Ratio Lower Upper

264 100

260 23.7 19.0 28.6

265 21.1 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

