

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_F
 ClientSampleId :
 HD-02-051920

Quant Time: May 20 17:53:19 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

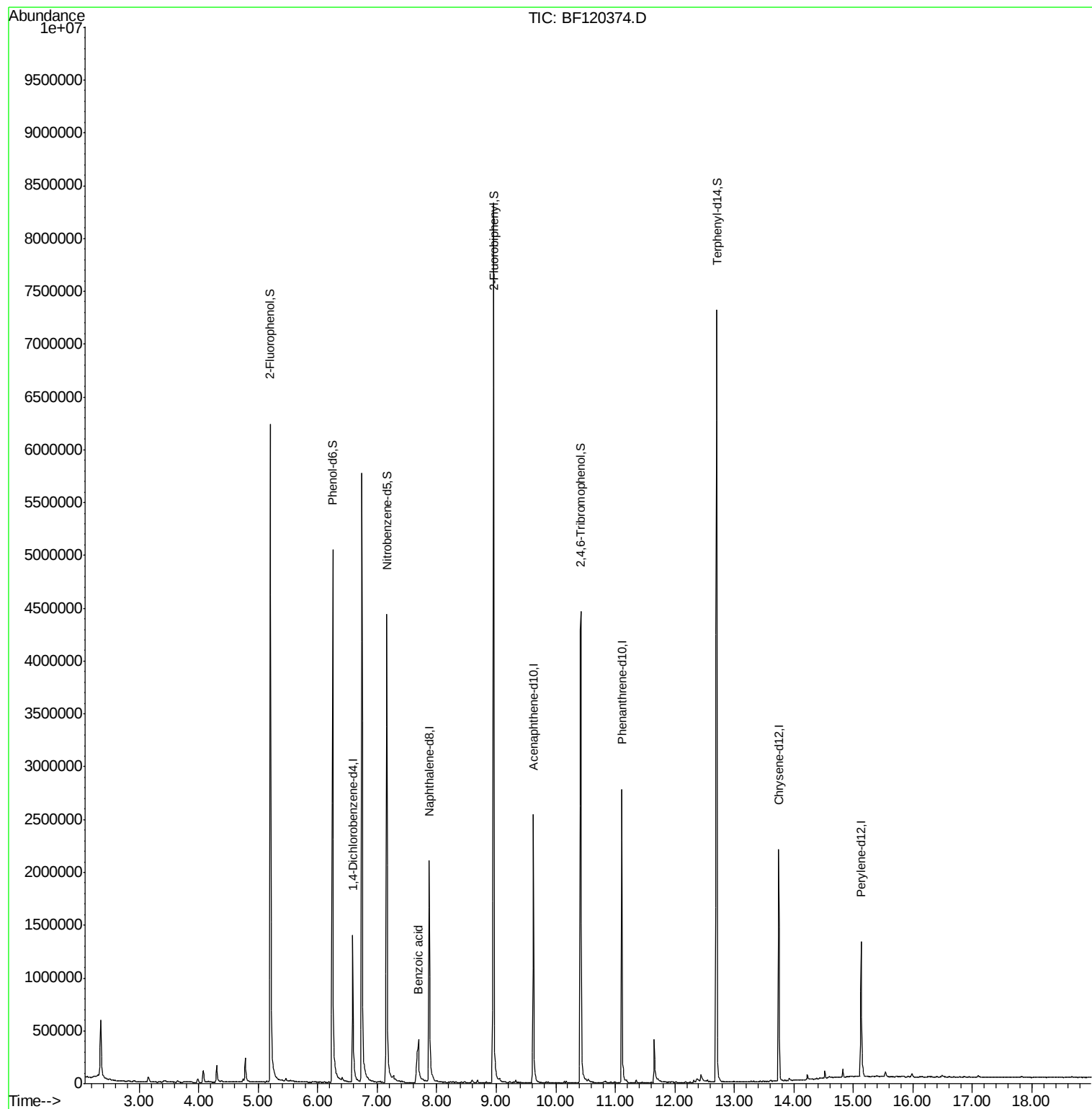
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.59	152	288350	20.00	ng	0.00
21) Naphthalene-d8	7.87	136	1198738	20.00	ng	0.00
39) Acenaphthene-d10	9.62	164	625732	20.00	ng	-0.01
64) Phenanthrene-d10	11.11	188	1164267	20.00	ng	0.00
76) Chrysene-d12	13.74	240	784481	20.00	ng	0.00
87) Perylene-d12	15.13	264	579698	20.00	ng	0.00
System Monitoring Compounds						
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						
32) Benzoic acid	7.69	122	215780	22.96	ng	Qvalue 97

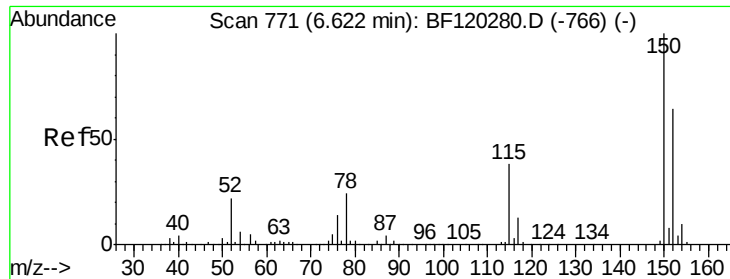
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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_F
ClientSampleId :
HD-02-051920

Quant Time: May 20 17:53:19 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





#1

1,4-Dichlorobenzene-d4

Concen: 20.00 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_F

ClientSampleId :

HD-02-051920

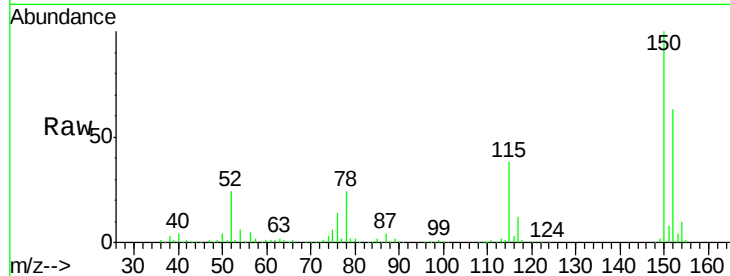
Tgt Ion:152 Resp: 288350

Ion Ratio Lower Upper

152 100

150 158.3 126.2 189.2

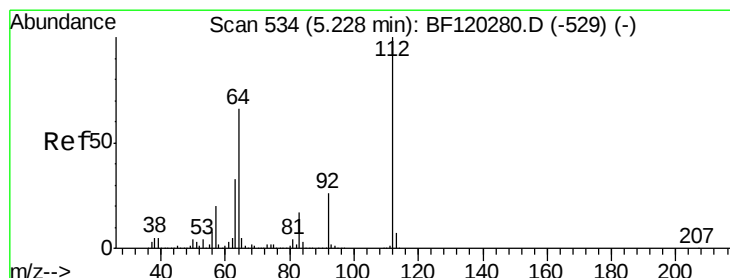
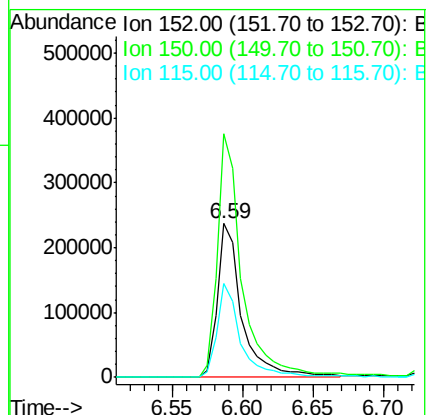
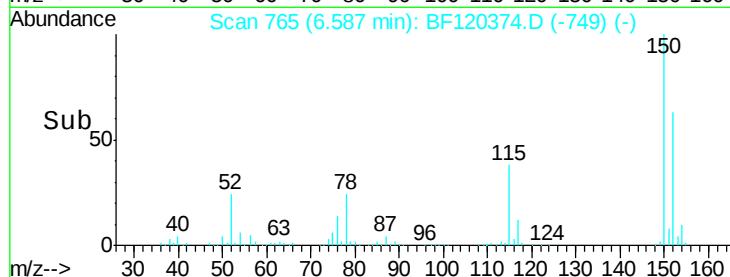
115 60.7 47.9 71.9



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: 134.74 ng

RT: 5.20 min Scan# 530

Delta R.T. 0.01 min

Lab File: BF120374.D

Acq: 20 May 2020 17:19

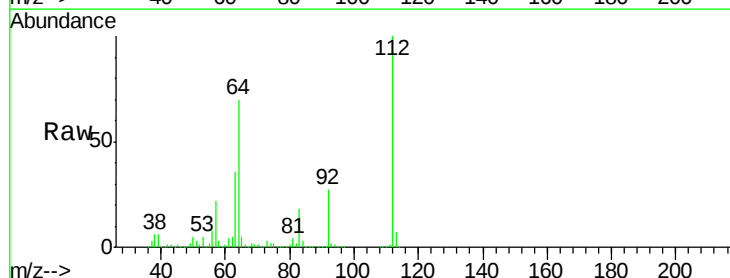
Tgt Ion:112 Resp: 1996848

Ion Ratio Lower Upper

112 100

64 70.2 52.7 79.1

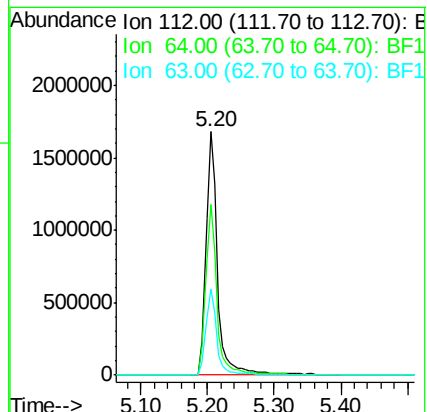
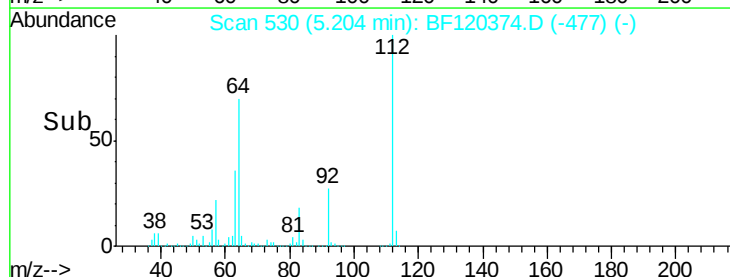
63 35.6 26.2 39.4

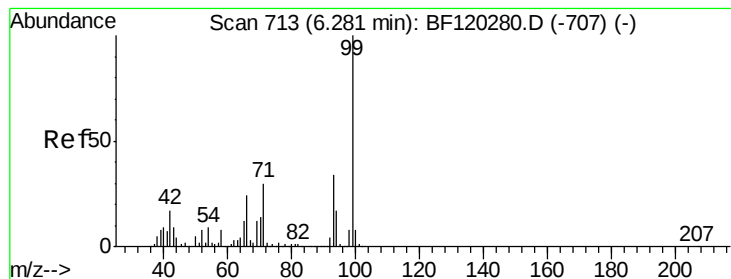


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF1

Ion 63.00 (62.70 to 63.70): BF1





#7

Phenol-d6

Concen: 123.91 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_F

ClientSampleId :

HD-02-051920

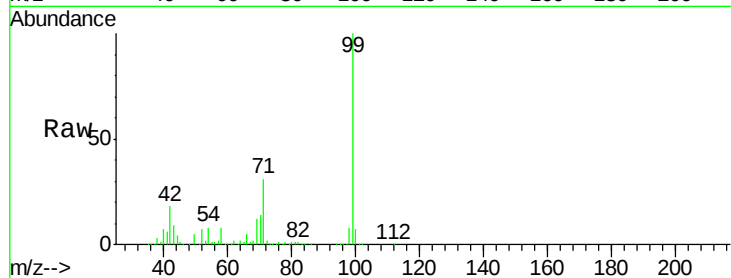
Tgt Ion: 99 Resp: 2322126

Ion Ratio Lower Upper

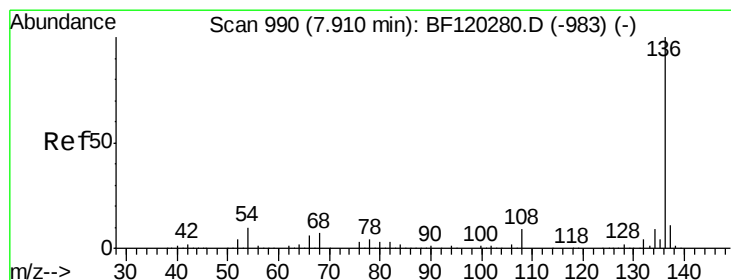
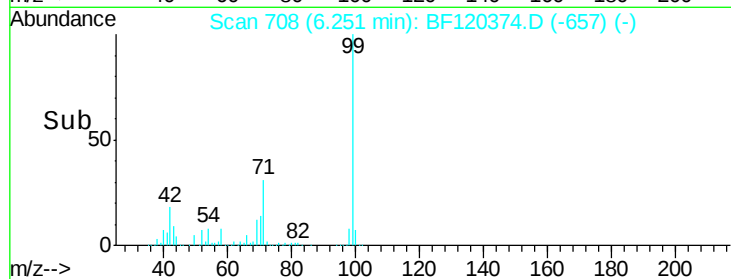
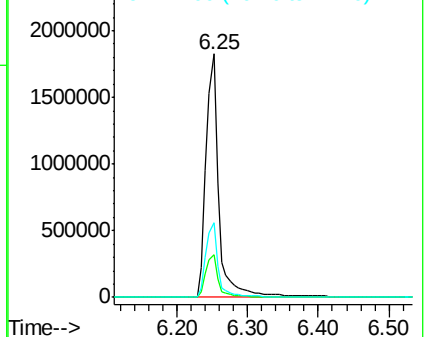
99 100

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



#21

Naphthalene-d8

Concen: 20.00 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

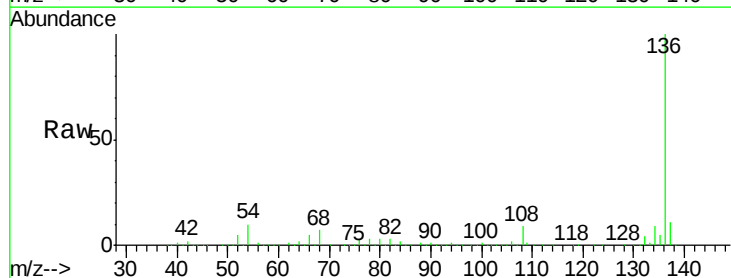
Ion Ratio Lower Upper

136 100

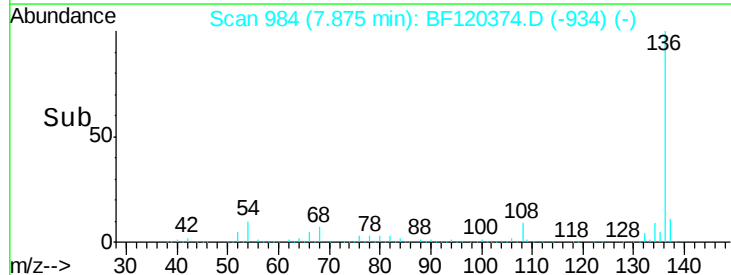
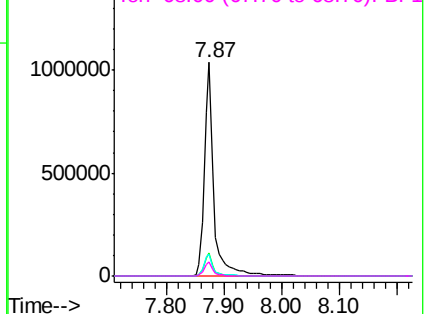
137 11.1 9.1 13.7

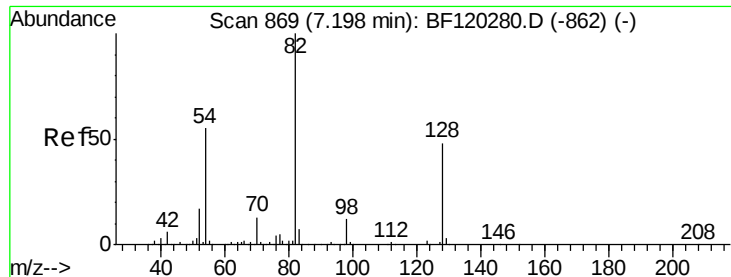
54 10.3 7.9 11.9

68 6.7 5.4 8.2



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

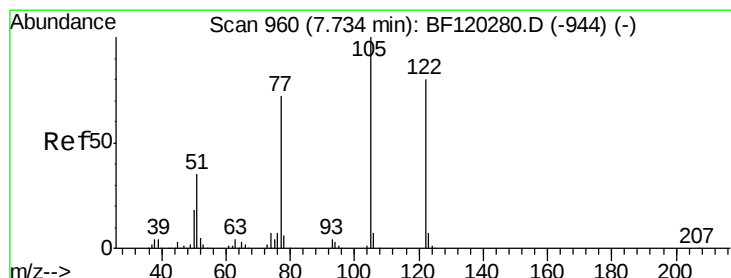
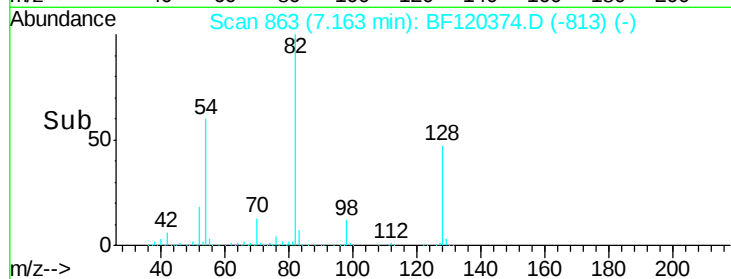
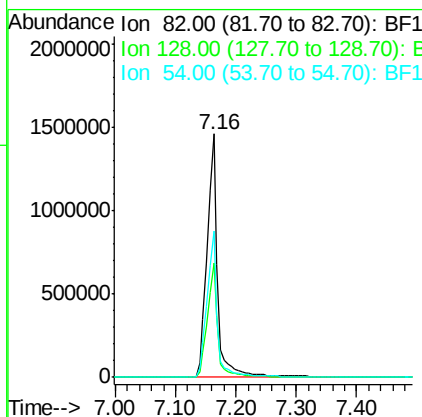
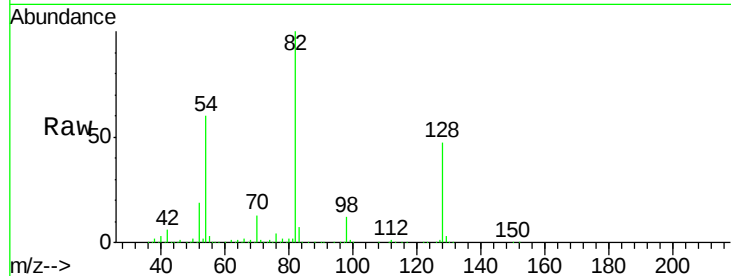




#23
 Nitrobenzene-d5
 Concen: 104.66 ng
 RT: 7.16 min Scan# 863
 Delta R.T. -0.01 min
 Lab File: BF120374.D
 Acq: 20 May 2020 17:19

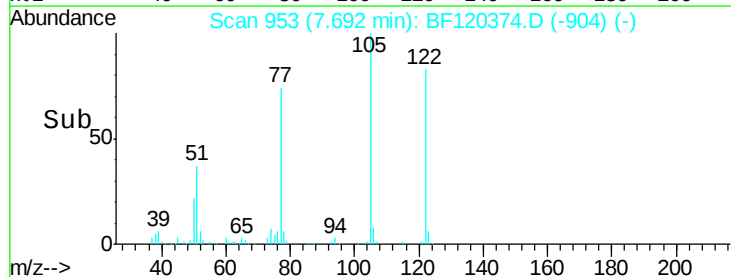
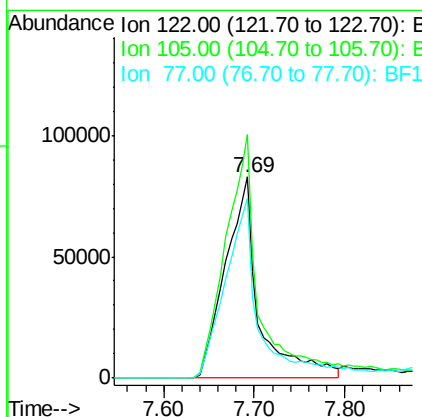
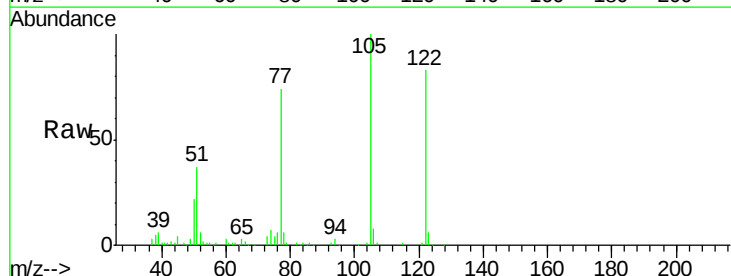
Instrument :
 BNA_F
 ClientSampleId :
 HD-02-051920

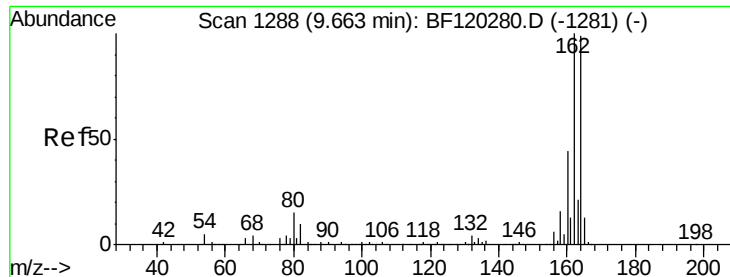
Tgt Ion: 82 Resp: 1832398
 Ion Ratio Lower Upper
 82 100
 128 46.9 38.3 57.5
 54 60.0 43.9 65.9



#32
 Benzoic acid
 Concen: 22.96 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





#39

Acenaphthene-d10

Concen: 20.00 ng

RT: 9.62 min Scan# 1281

Delta R.T. -0.01 min

Lab File: BF120374.D

Acq: 20 May 2020 17:19

Instrument :

BNA_F

ClientSampleId :

HD-02-051920

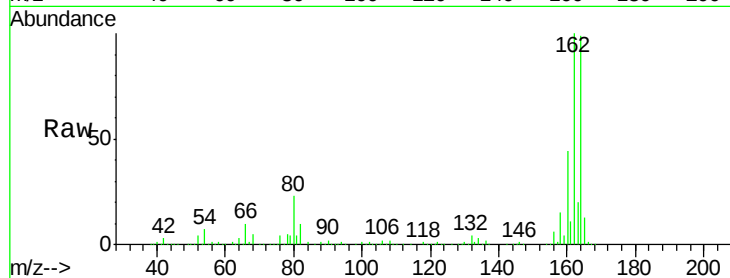
Tgt Ion:164 Resp: 625732

Ion Ratio Lower Upper

164 100

162 101.2 81.2 121.8

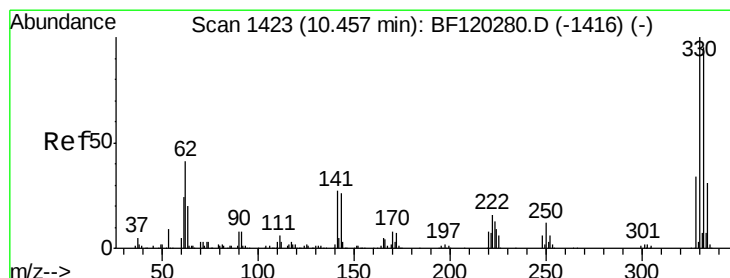
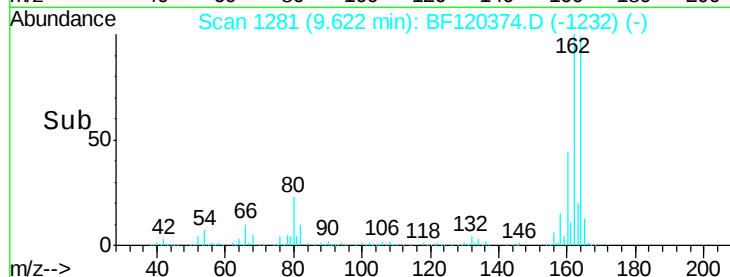
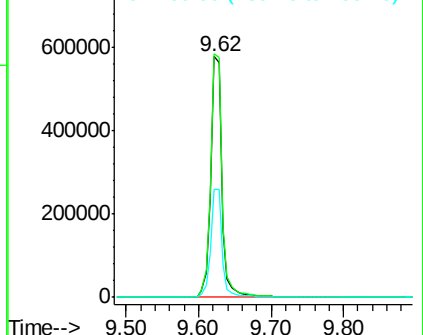
160 44.7 35.8 53.6



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: 137.73 ng

RT: 10.42 min Scan# 1417

Delta R.T. 0.00 min

Lab File: BF120374.D

Acq: 20 May 2020 17:19

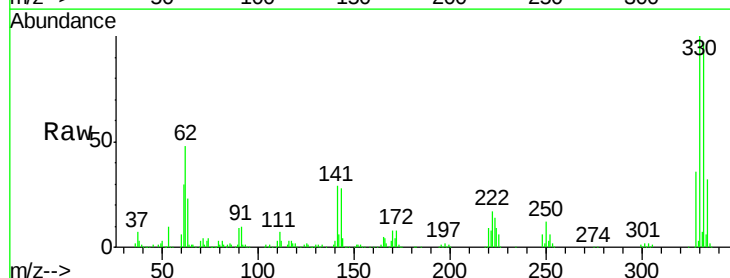
Tgt Ion:330 Resp: 702661

Ion Ratio Lower Upper

330 100

332 96.1 76.5 114.7

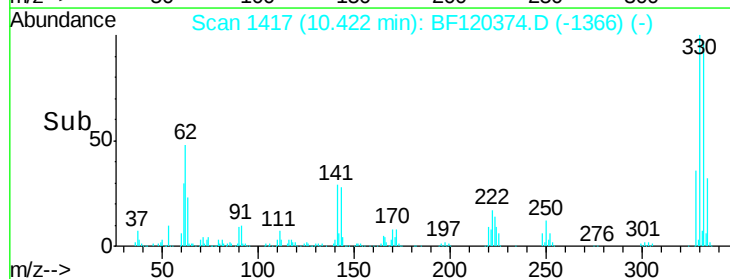
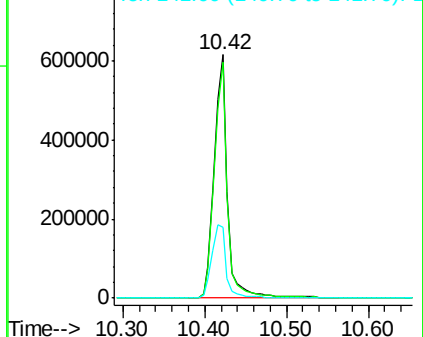
141 32.8 25.4 38.0

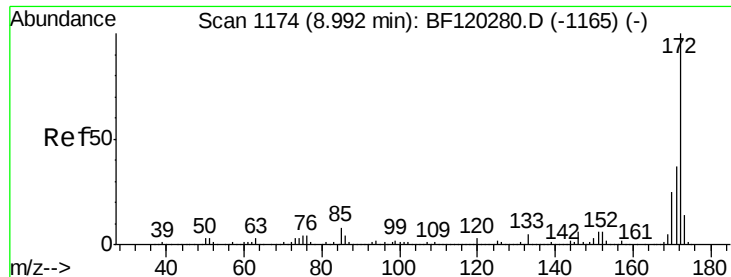


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

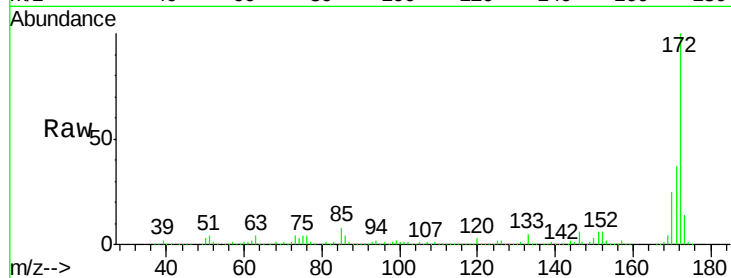




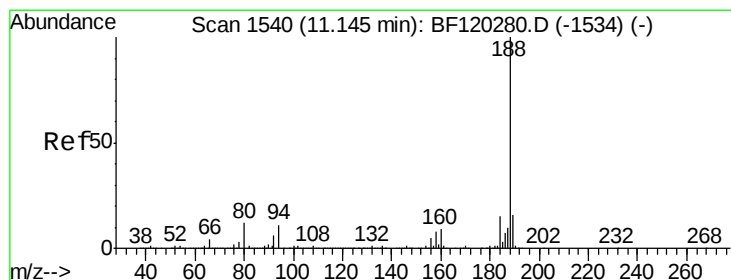
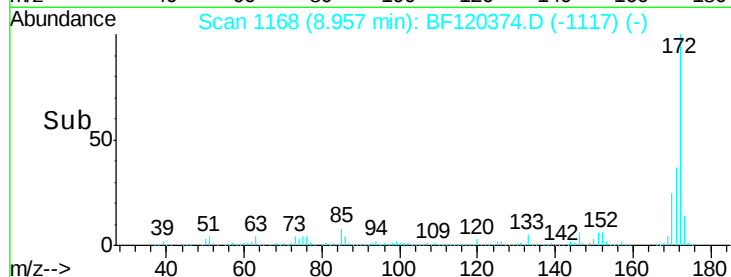
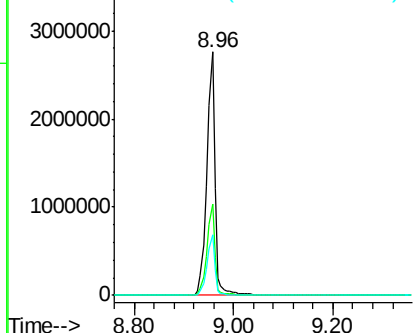
#45
 2-Fluorobiphenyl
 Concen: 104.05 ng
 RT: 8.96 min Scan# 1168
 Delta R.T. 0.00 min
 Lab File: BF120374.D
 Acq: 20 May 2020 17:19

Instrument :
 BNA_F
 ClientSampleId :
 HD-02-051920

Tgt Ion:172 Resp: 3169048
 Ion Ratio Lower Upper
 172 100
 171 37.3 29.7 44.5
 170 25.1 19.9 29.9

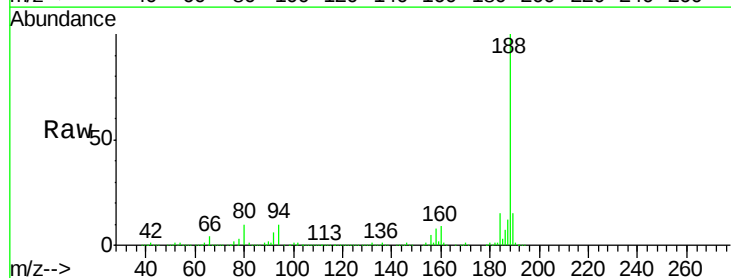


Abundance Ion 172.00 (171.70 to 172.70): E
 Ion 171.00 (170.70 to 171.70): E
 Ion 170.00 (169.70 to 170.70): E

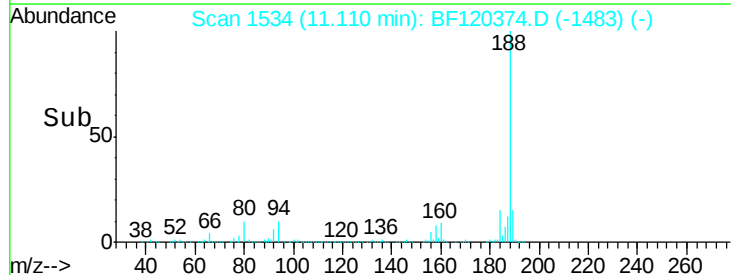
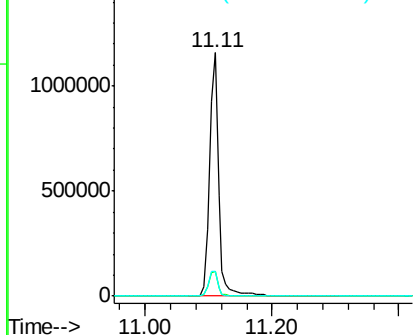


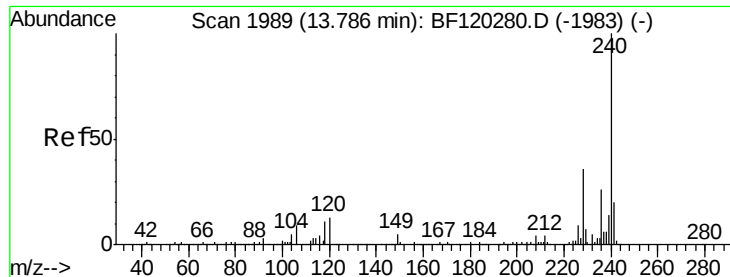
#64
 Phenanthrene-d10
 Concen: 20.00 ng
 RT: 11.11 min Scan# 1534
 Delta R.T. 0.00 min
 Lab File: BF120374.D
 Acq: 20 May 2020 17:19

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

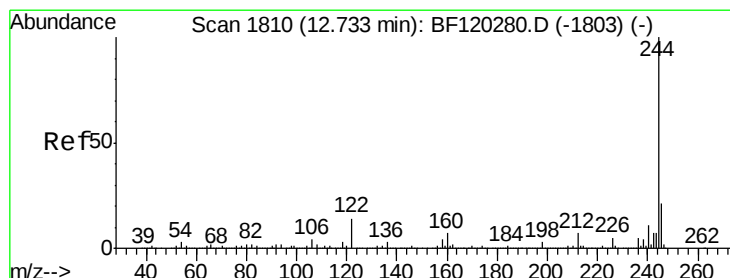
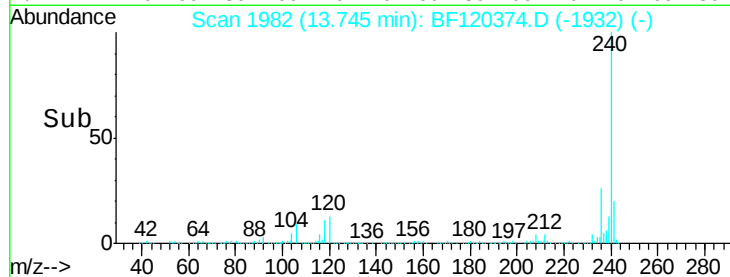
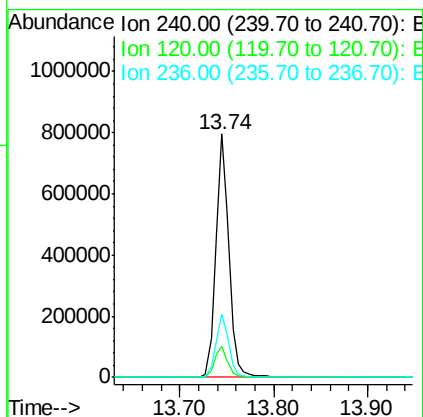
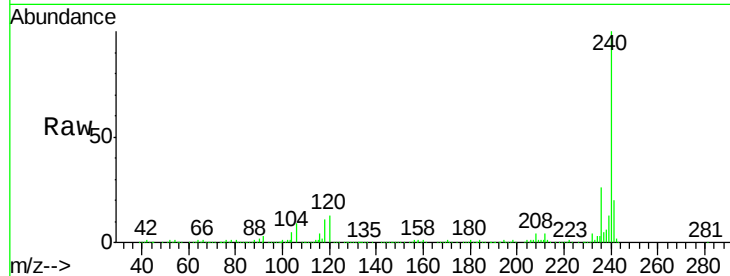




#76
Chrysene-d12
Concen: 20.00 ng
RT: 13.74 min Scan# 1982
Delta R.T. -0.01 min
Lab File: BF120374.D
Acq: 20 May 2020 17:19

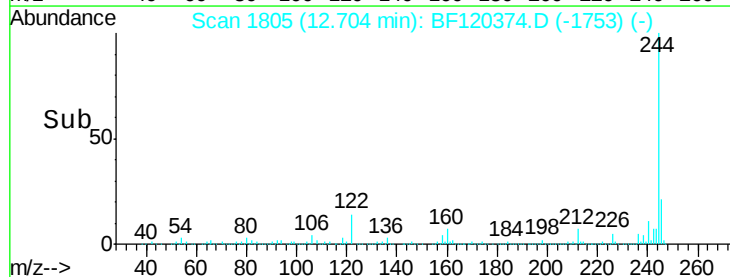
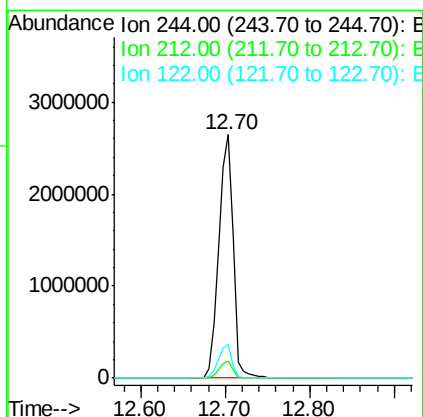
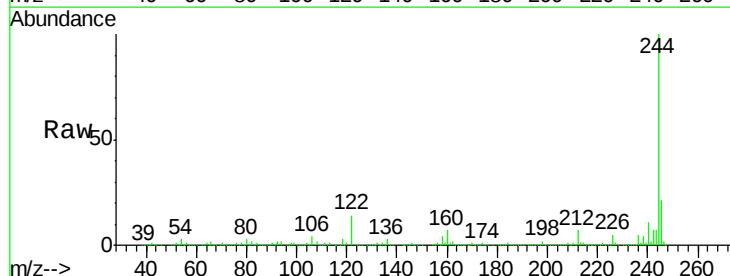
Instrument :
BNA_F
ClientSampleId :
HD-02-051920

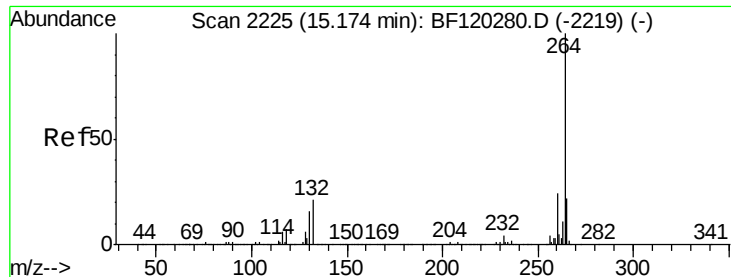
Tgt Ion:240 Resp: 784481
Ion Ratio Lower Upper
240 100
120 12.9 10.4 15.6
236 25.9 21.0 31.6



#79
Terphenyl-d14
Concen: 90.57 ng
RT: 12.70 min Scan# 1805
Delta R.T. 0.01 min
Lab File: BF120374.D
Acq: 20 May 2020 17:19

Tgt Ion:244 Resp: 3215960
Ion Ratio Lower Upper
244 100
212 6.9 5.8 8.6
122 13.7 10.8 16.2





#87
Perylene-d12
Concen: 20.00 ng
RT: 15.13 min Scan# 2217
Delta R.T. 0.00 min
Lab File: BF120374.D
Acq: 20 May 2020 17:19

Instrument :
BNA_F
ClientSampleId :
HD-02-051920

Tgt Ion	Ratio	Lower	Upper
264	100		
260	23.3	19.0	28.6
265	21.2	17.5	26.3

