

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF052020\
 Data File : BF120369.D
 Acq On : 20 May 2020 14:37
 Operator : MA/SJ
 Sample : PB129015BL
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB129015BL

Quant Time: May 20 15:30:22 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	296839	20.00	ng	0.00
21) Naphthalene-d8	7.87	136	1226345	20.00	ng	0.00
39) Acenaphthene-d10	9.63	164	583793	20.00	ng	0.00
64) Phenanthrene-d10	11.11	188	1089311	20.00	ng	0.00
76) Chrysene-d12	13.75	240	750713	20.00	ng	0.00
87) Perylene-d12	15.14	264	641893	20.00	ng	0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.20	112	1993267	130.65	ng	0.00
7) Phenol-d6	6.25	99	2853012	147.88	ng	0.00
23) Nitrobenzene-d5	7.16	82	1605195	89.62	ng	0.00
42) 2,4,6-Tribromophenol	10.42	330	649220	136.39	ng	0.00
45) 2-Fluorobiphenyl	8.96	172	2891270	101.75	ng	0.00
79) Terphenyl-d14	12.71	244	2848345	83.82	ng	0.01

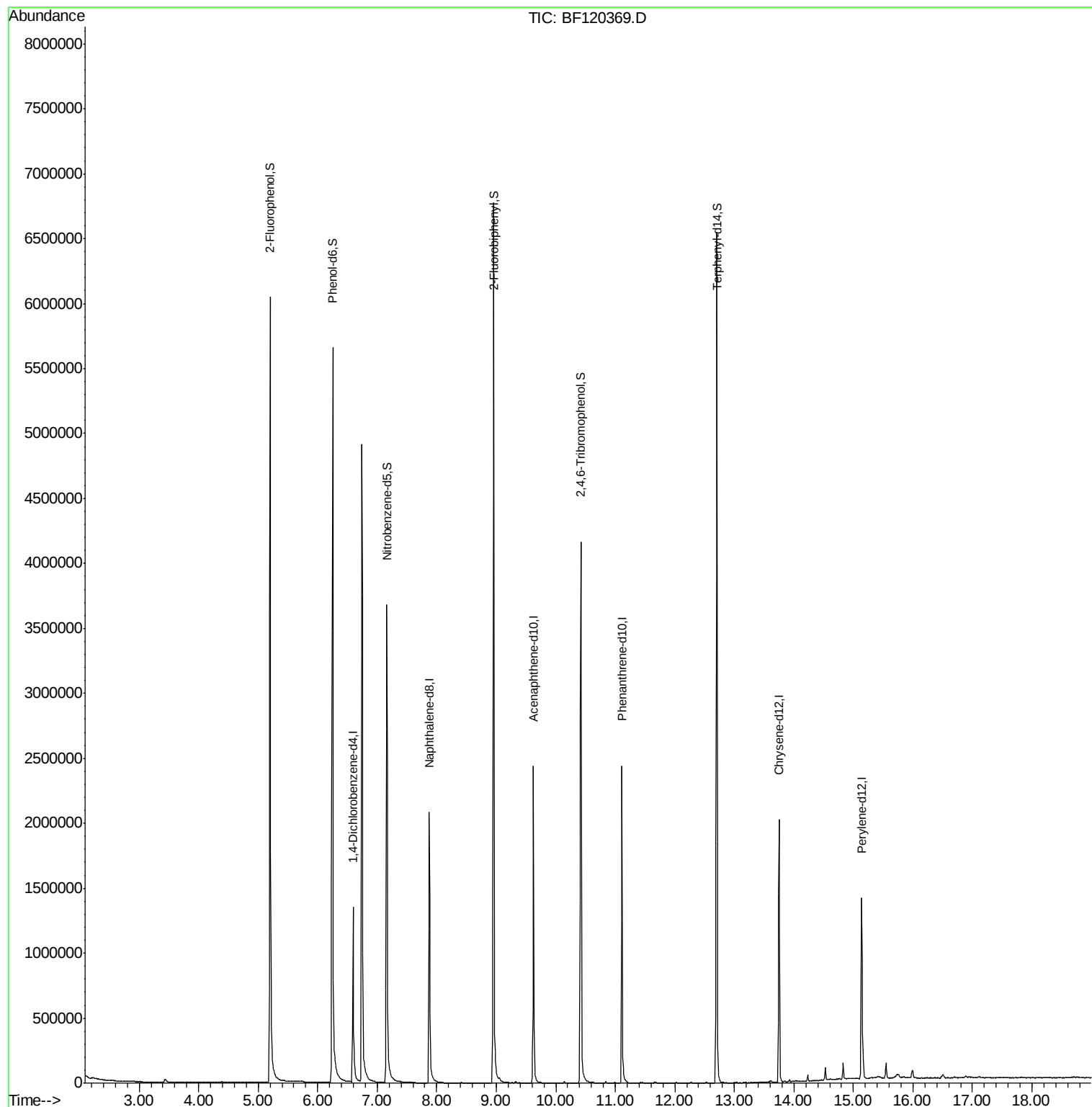
Target Compounds	Qvalue
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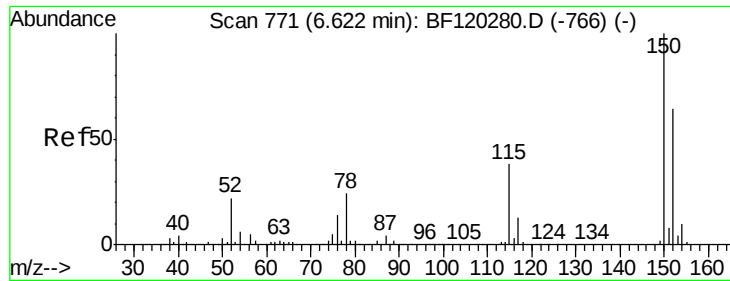
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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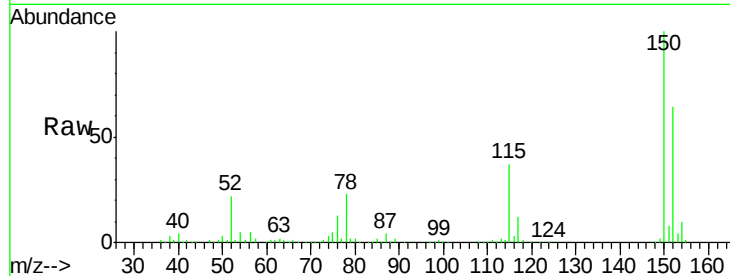


#1

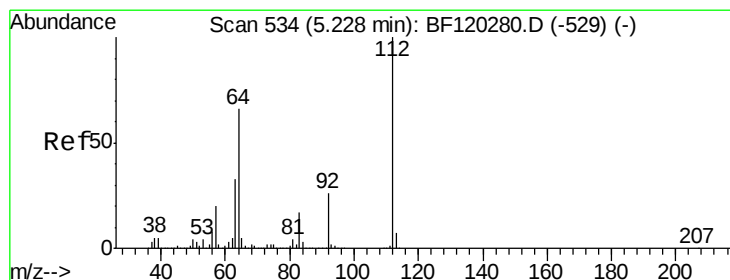
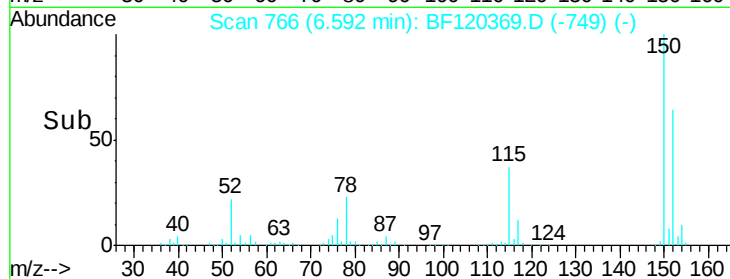
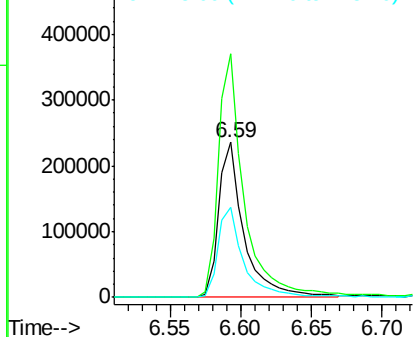
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.59 min Scan# 766
Delta R.T. 0.00 min
Lab File: BF120369.D
Acq: 20 May 2020 14:37

Instrument :
BNA_F
ClientSampleId :
PB129015BL

Tgt Ion:152 Resp: 296839
Ion Ratio Lower Upper
152 100
150 156.9 126.2 189.2
115 58.4 47.9 71.9



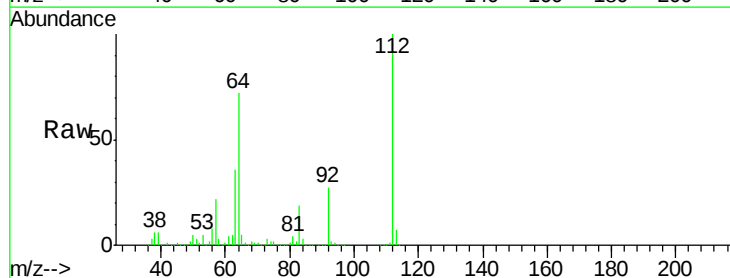
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



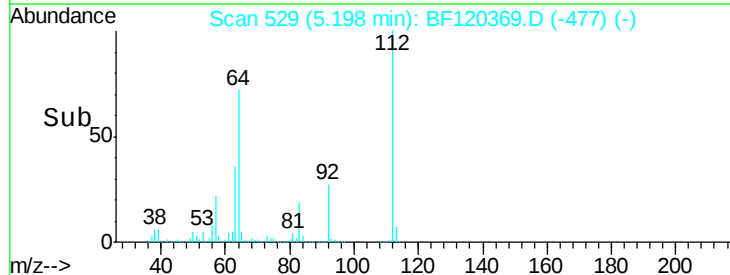
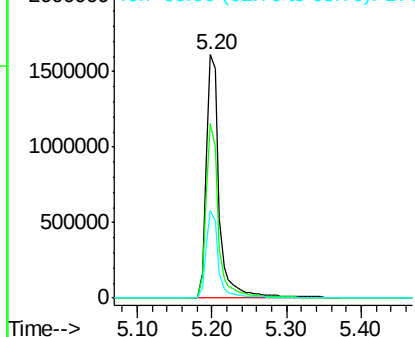
#5

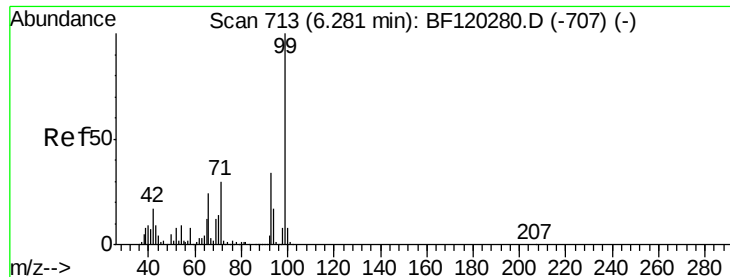
2-Fluorophenol
Concen: 130.65 ng
RT: 5.20 min Scan# 529
Delta R.T. 0.01 min
Lab File: BF120369.D
Acq: 20 May 2020 14:37

Tgt Ion:112 Resp: 1993267
Ion Ratio Lower Upper
112 100
64 71.5 52.7 79.1
63 36.0 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: 147.88 ng

RT: 6.25 min Scan# 708

Delta R.T. 0.00 min

Lab File: BF120369.D

Acq: 20 May 2020 14:37

Instrument :

BNA_F

ClientSampled :

PB129015BL

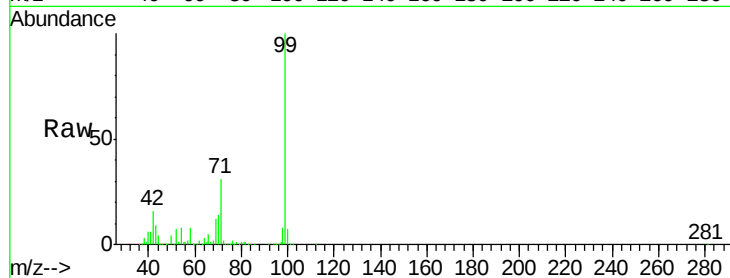
Tgt Ion: 99 Resp: 2853012

Ion Ratio Lower Upper

99 100

42 16.5 13.6 20.4

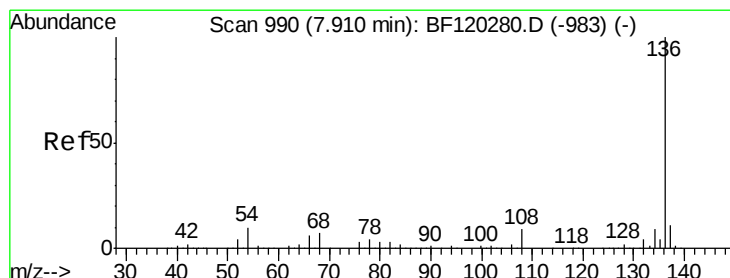
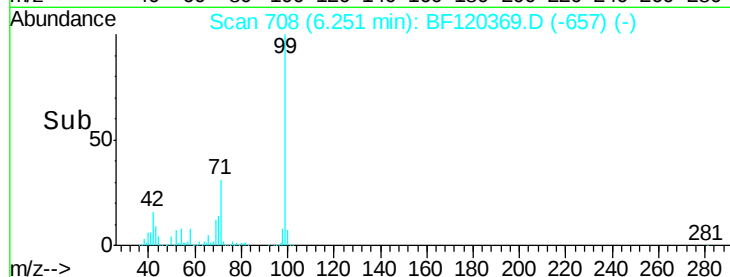
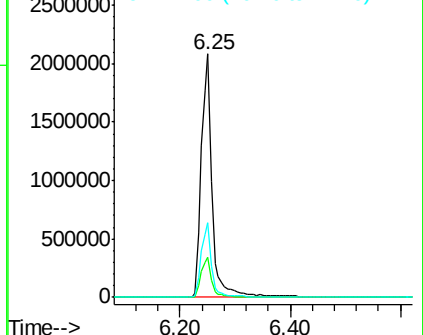
71 30.7 24.2 36.4



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: BF120369.D

Acq: 20 May 2020 14:37

Tgt Ion: 136 Resp: 1226345

Ion Ratio Lower Upper

136 100

137 11.2 9.1 13.7

54 10.1 7.9 11.9

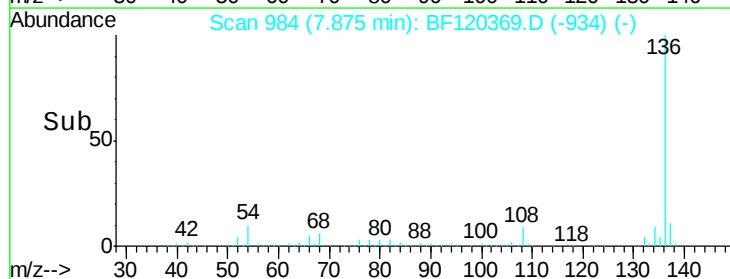
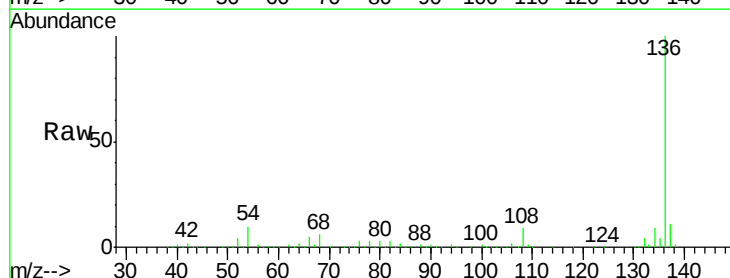
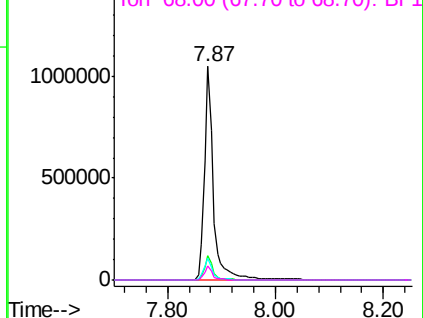
68 6.5 5.4 8.2

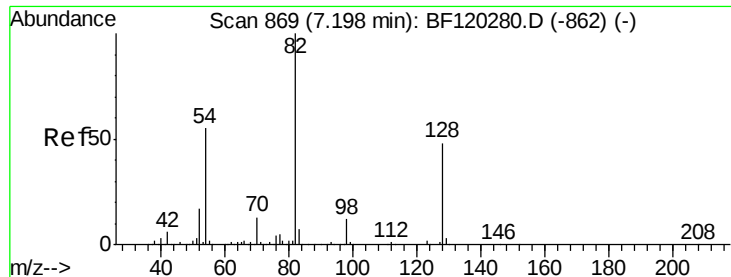
Abundance Ion 136.00 (135.70 to 136.70): E

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

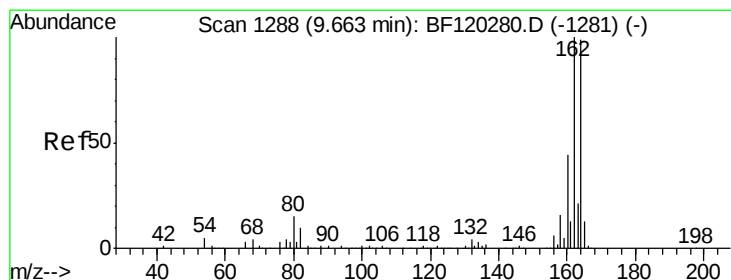
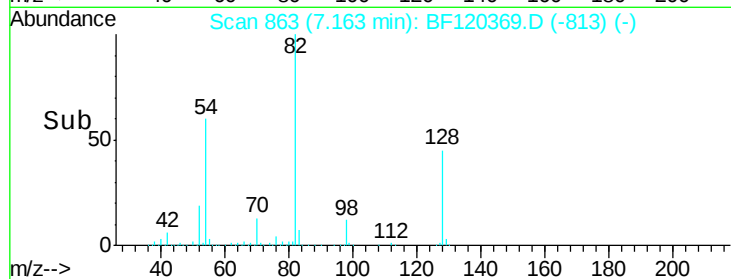
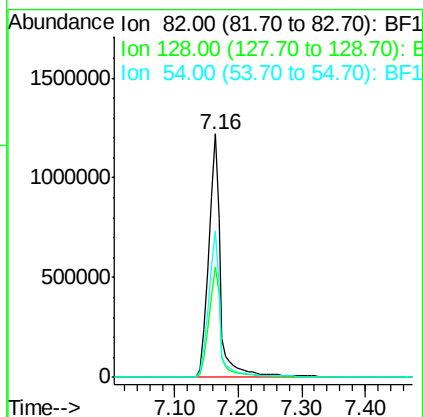
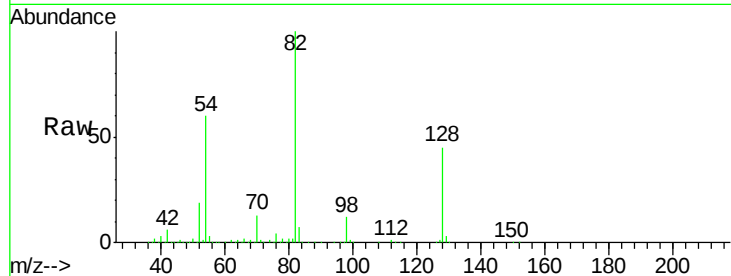




#23
 Nitrobenzene-d5
 Concen: 89.62 ng
 RT: 7.16 min Scan# 863
 Delta R.T. -0.01 min
 Lab File: BF120369.D
 Acq: 20 May 2020 14:37

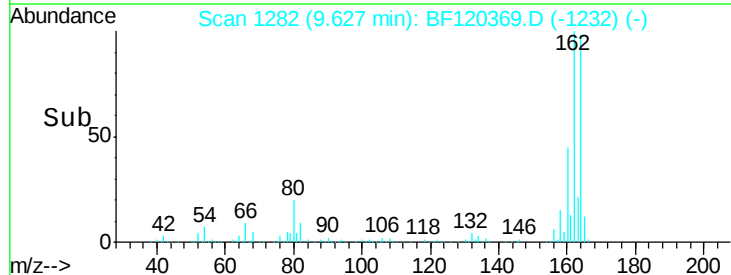
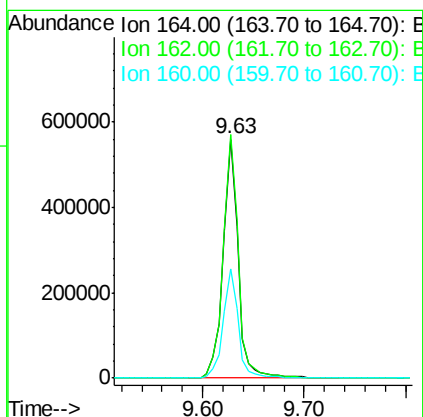
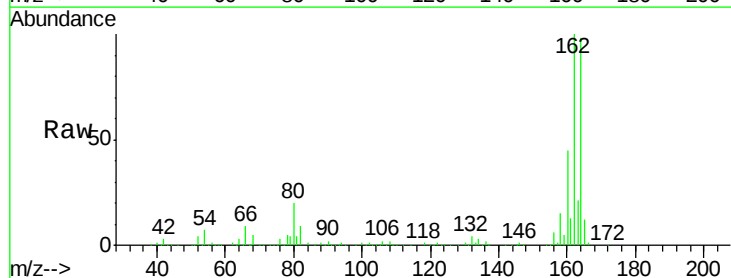
Instrument :
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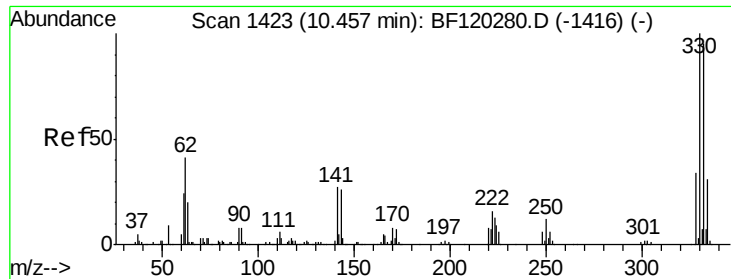
Tgt Ion: 82 Resp: 1605195
 Ion Ratio Lower Upper
 82 100
 128 45.4 38.3 57.5
 54 60.2 43.9 65.9



#39
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 9.63 min Scan# 1282
 Delta R.T. -0.01 min
 Lab File: BF120369.D
 Acq: 20 May 2020 14:37

Tgt Ion: 164 Resp: 583793
 Ion Ratio Lower Upper
 164 100
 162 102.1 81.2 121.8
 160 45.8 35.8 53.6

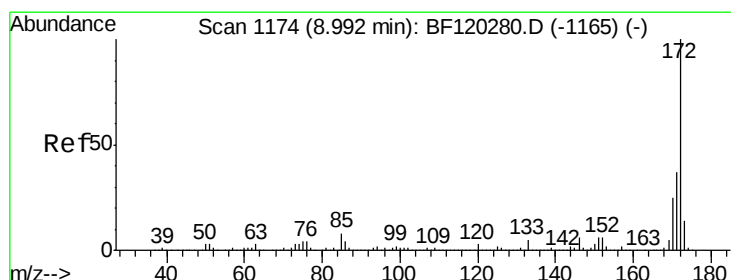
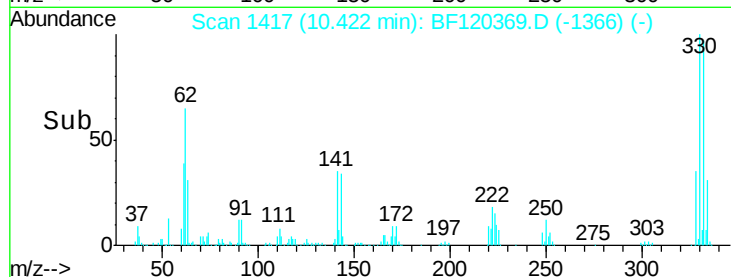
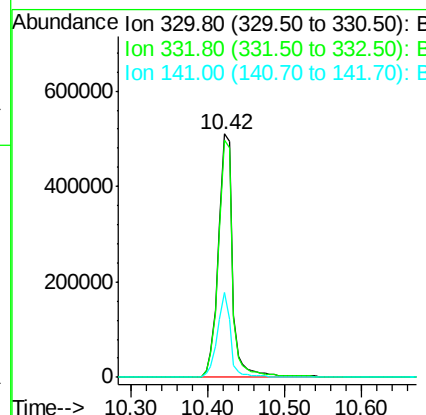
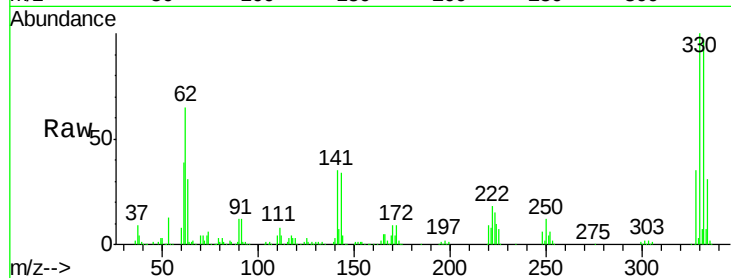




#42
 2,4,6-Tribromophenol
 Concen: 136.39 ng
 RT: 10.42 min Scan# 1417
 Delta R.T. 0.00 min
 Lab File: BF120369.D
 Acq: 20 May 2020 14:37

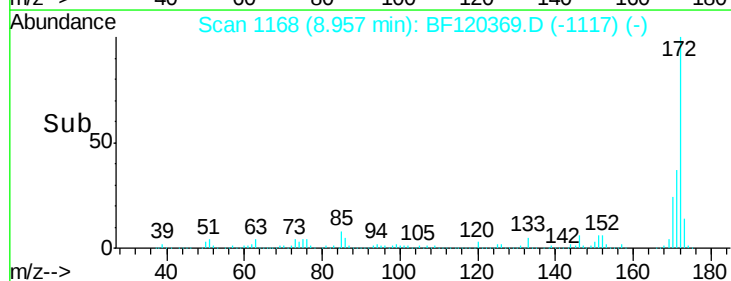
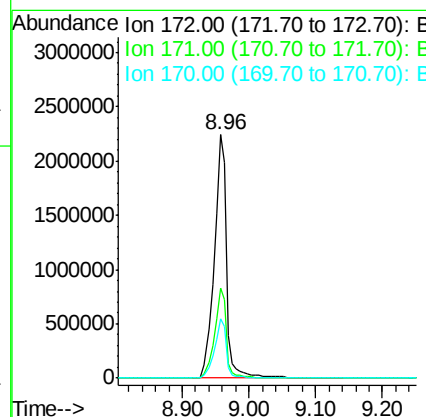
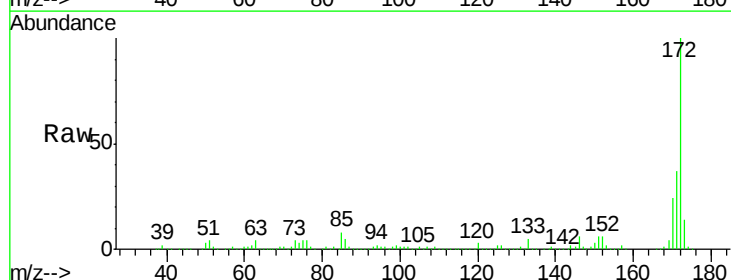
Instrument :
 BNA_F
 ClientSampleId :
 PB129015BL

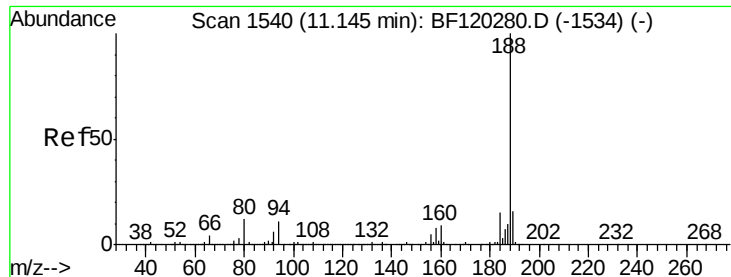
Tgt Ion:330 Resp: 649220
 Ion Ratio Lower Upper
 330 100
 332 96.8 76.5 114.7
 141 32.0 25.4 38.0



#45
 2-Fluorobiphenyl
 Concen: 101.75 ng
 RT: 8.96 min Scan# 1168
 Delta R.T. 0.00 min
 Lab File: BF120369.D
 Acq: 20 May 2020 14:37

Tgt Ion:172 Resp: 2891270
 Ion Ratio Lower Upper
 172 100
 171 36.7 29.7 44.5
 170 24.4 19.9 29.9

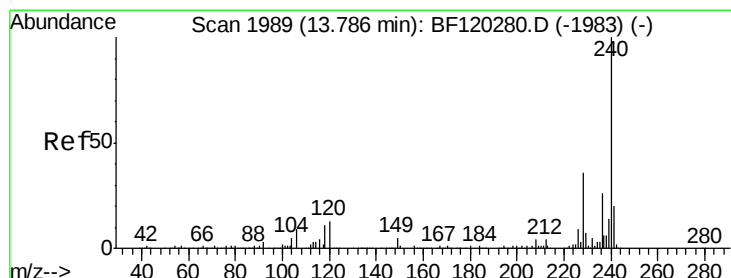
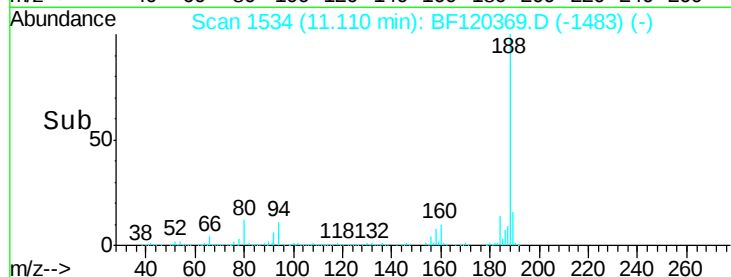
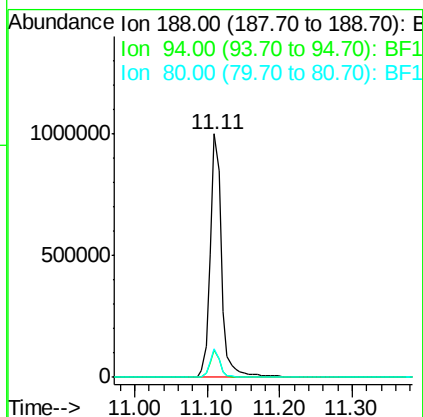
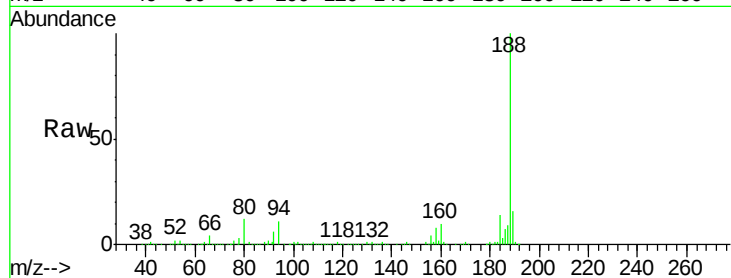




#64
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.11 min Scan# 1534
Delta R.T. 0.00 min
Lab File: BF120369.D
Acq: 20 May 2020 14:37

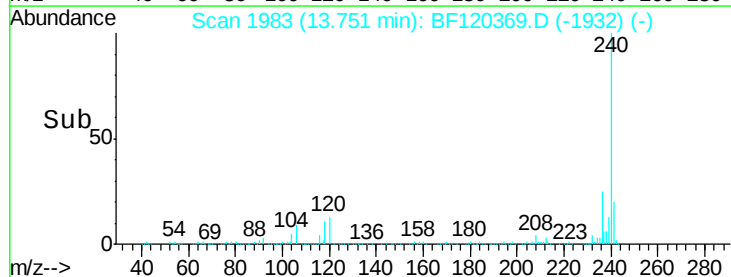
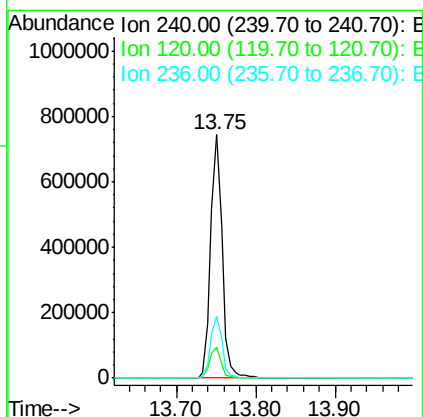
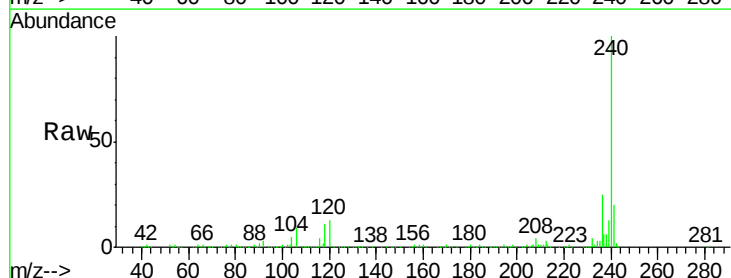
Instrument :
BNA_F
ClientSampled :
PB129015BL

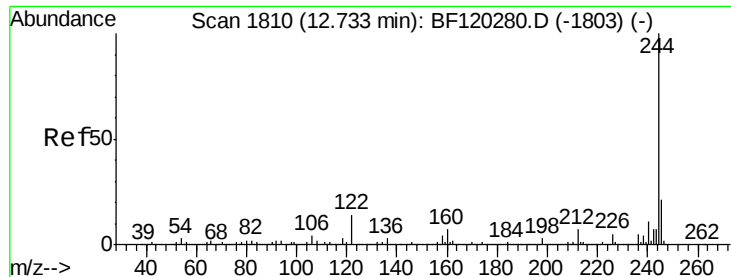
Tgt Ion:188 Resp: 1089311
Ion Ratio Lower Upper
188 100
94 11.3 8.6 13.0
80 11.7 9.2 13.8



#76
Chrysene-d12
Concen: 20.00 ng
RT: 13.75 min Scan# 1983
Delta R.T. 0.00 min
Lab File: BF120369.D
Acq: 20 May 2020 14:37

Tgt Ion:240 Resp: 750713
Ion Ratio Lower Upper
240 100
120 12.8 10.4 15.6
236 25.4 21.0 31.6





#79

Terphenyl-d14

Concen: 83.82 ng

RT: 12.71 min Scan# 1806

Delta R.T. 0.01 min

Lab File: BF120369.D

Acq: 20 May 2020 14:37

Instrument :

BNA_F

ClientSampleId :

PB129015BL

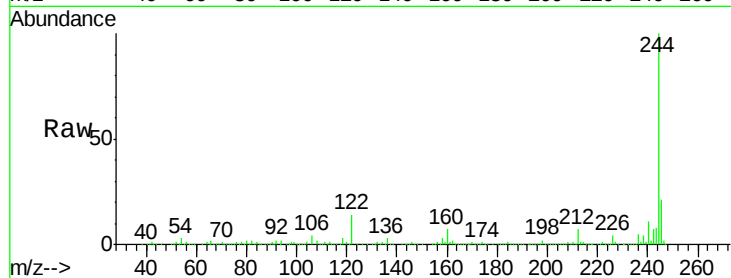
Tgt Ion:244 Resp: 2848345

Ion Ratio Lower Upper

244 100

212 7.0 5.8 8.6

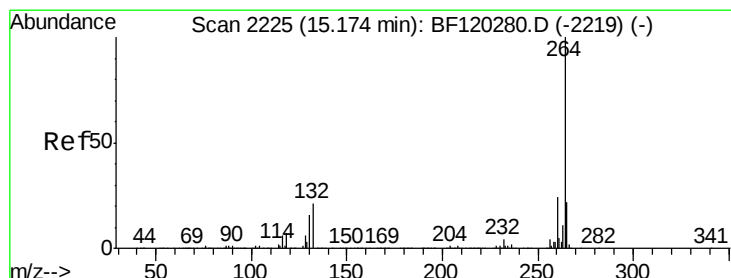
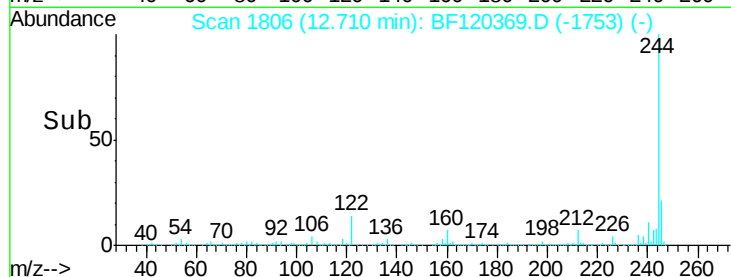
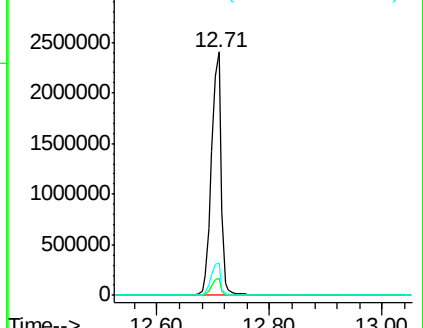
122 13.5 10.8 16.2



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: 20.00 ng

RT: 15.14 min Scan# 2219

Delta R.T. 0.01 min

Lab File: BF120369.D

Acq: 20 May 2020 14:37

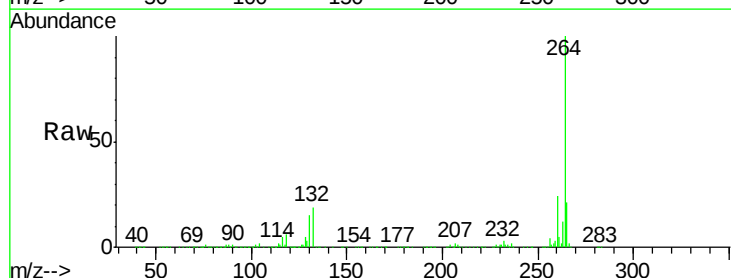
Tgt Ion:264 Resp: 641893

Ion Ratio Lower Upper

264 100

260 23.7 19.0 28.6

265 21.4 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

