

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF051520\
 Data File : BF120326.D
 Acq On : 15 May 2020 17:23
 Operator : MA/SJ
 Sample : L2663-09 50X
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 1364

Quant Time: May 16 00:13:46 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF051420.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri May 15 12:31:31 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.61	152	246309	20.00	ng	0.00
21) Naphthalene-d8	7.90	136	1120938	20.00	ng	0.00
39) Acenaphthene-d10	9.65	164	549231	20.00	ng	0.00
64) Phenanthrene-d10	11.13	188	1030001	20.00	ng	0.00
76) Chrysene-d12	13.77	240	965179	20.00	ng	0.00
87) Perylene-d12	15.16	264	877396	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.29	112	295	0.02	ng	0.06
7) Phenol-d6	6.31	99	1871	0.12	ng	0.04
23) Nitrobenzene-d5	7.24	82	2923	0.18	ng	0.05
42) 2,4,6-Tribromophenol	10.45	330	825	0.18	ng	0.00
45) 2-Fluorobiphenyl	8.97	172	8462	0.32	ng	0.00
79) Terphenyl-d14	12.72	244	11969	0.27	ng	0.00

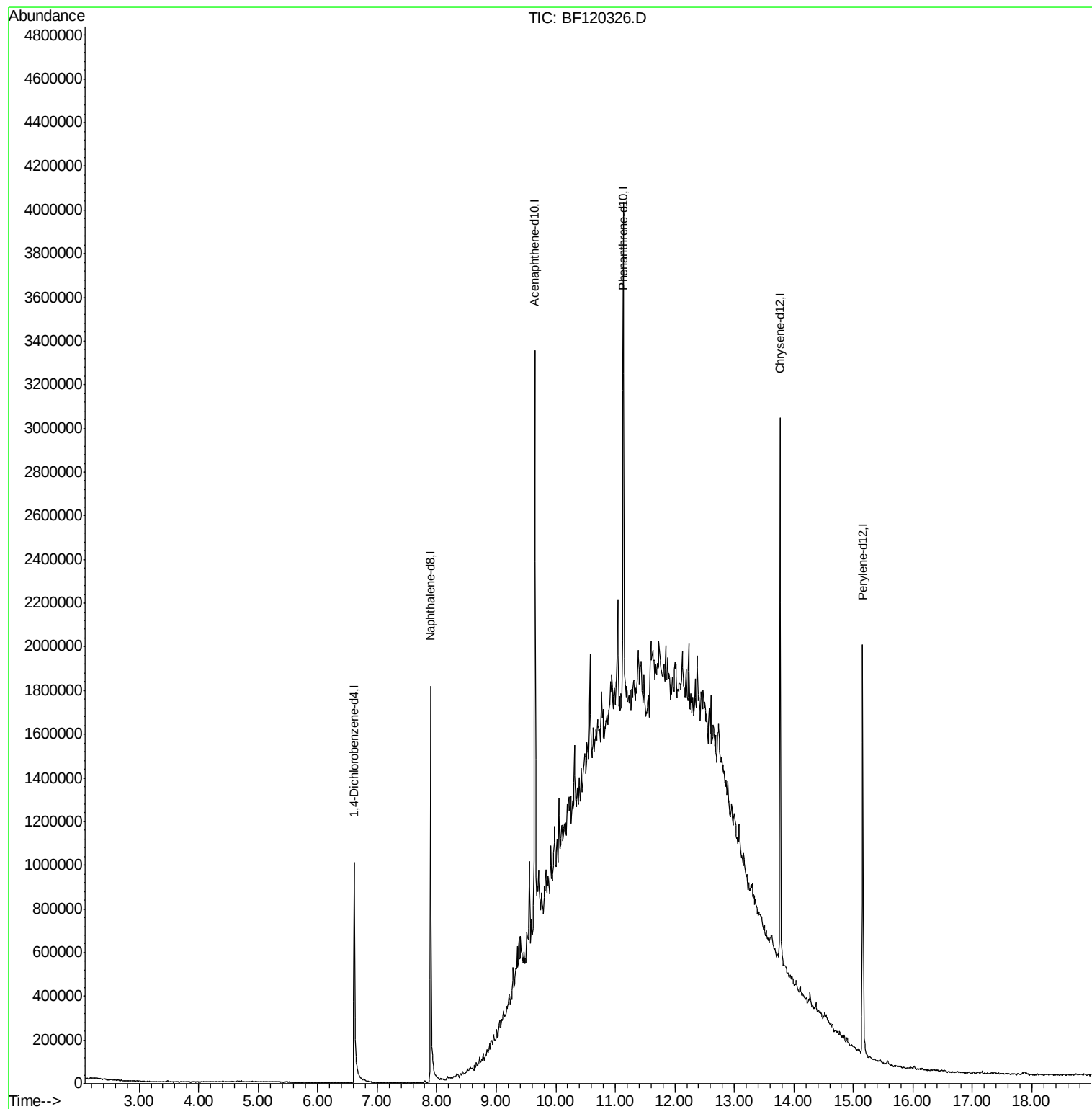
Target Compounds Qvalue

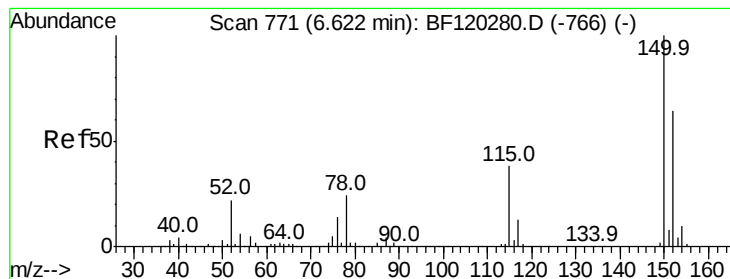
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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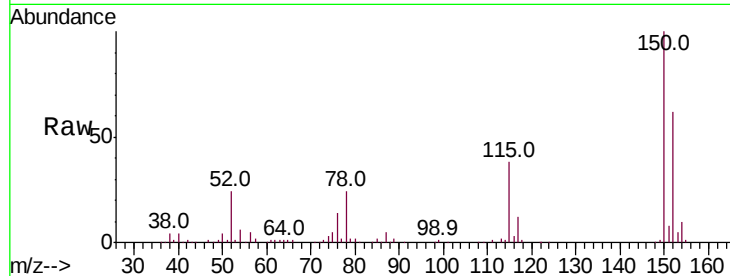


#1

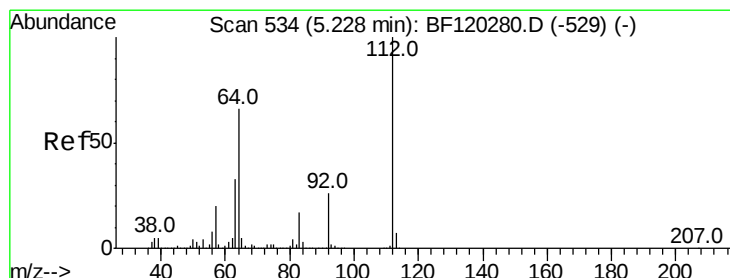
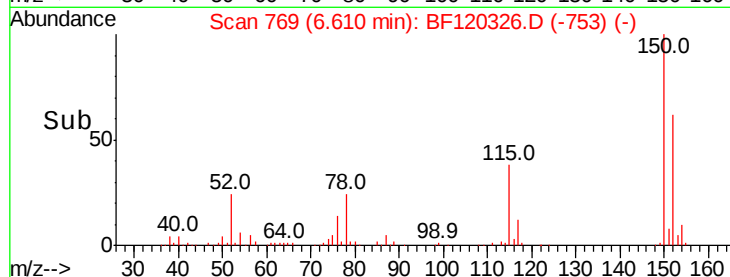
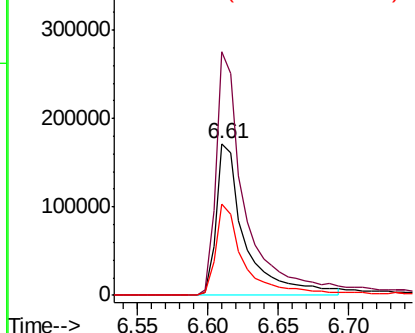
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.61 min Scan# 769
Delta R.T. -0.01 min
Lab File: BF120326.D
Acq: 15 May 2020 17:23

Instrument :
BNA_F
ClientSampleId :
1364

Tot Ion:152 Resp: 246309
Ion Ratio Lower Upper
152 100
150 160.2 126.2 189.2
115 60.2 47.9 71.9



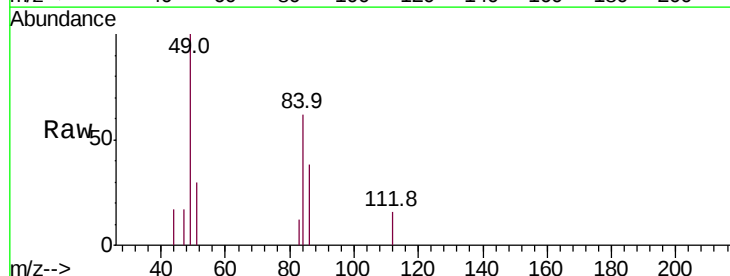
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



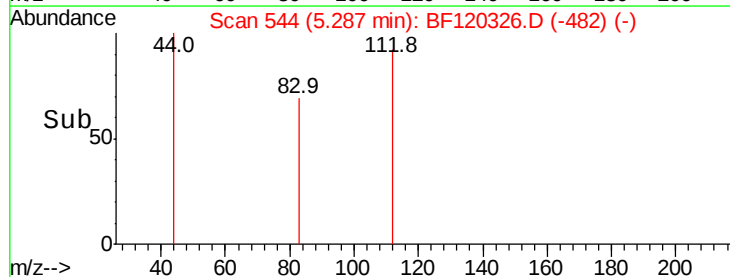
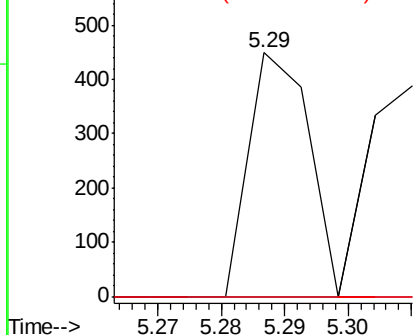
#5

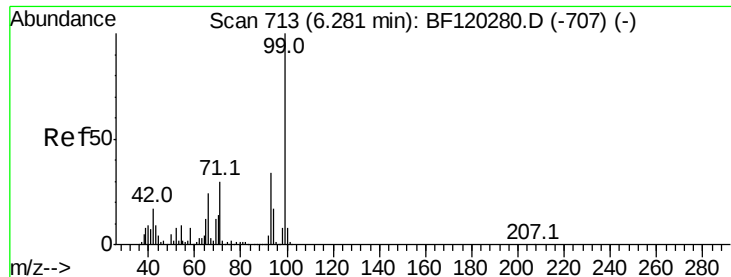
2-Fluorophenol
Concen: 0.023 ng
RT: 5.29 min Scan# 544
Delta R.T. 0.06 min
Lab File: BF120326.D
Acq: 15 May 2020 17:23

Tgt Ion:112 Resp: 295
Ion Ratio Lower Upper
112 100
64 0.0 52.7 79.1#
63 0.0 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: 0.117 ng

RT: 6.31 min Scan# 718

Delta R.T. 0.04 min

Lab File: BF120326.D

Acq: 15 May 2020 17:23

Instrument :

BNA_F

ClientSampled :

1364

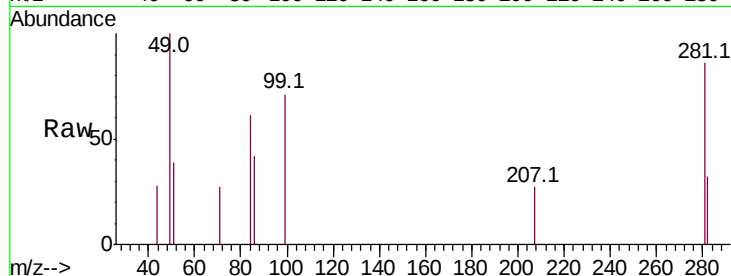
Tot Ion: 99 Resp: 1871

Ion Ratio Lower Upper

99 100

42 0.0 13.6 20.4#

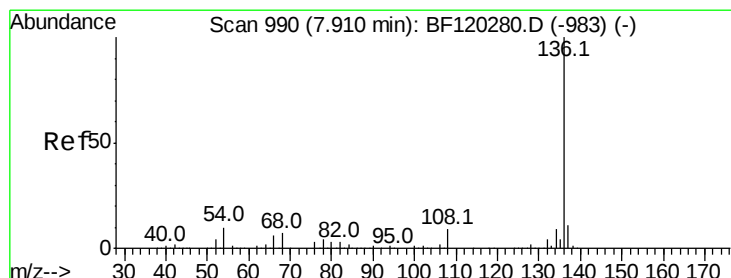
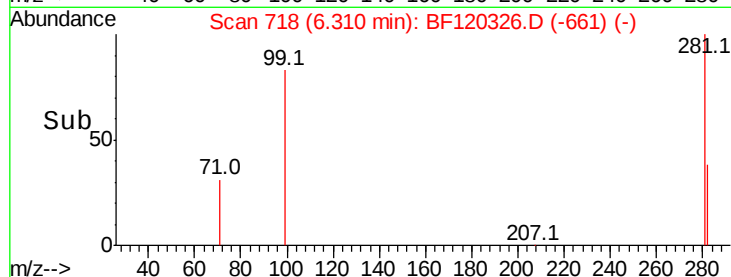
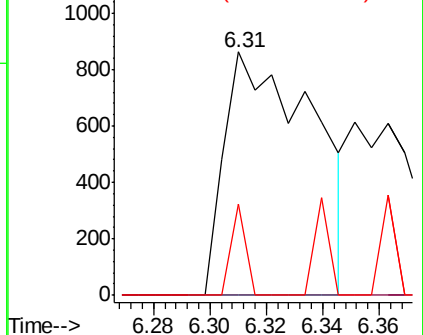
71 37.4 24.2 36.4#



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: 20.000 ng

RT: 7.90 min Scan# 988

Delta R.T. -0.01 min

Lab File: BF120326.D

Acq: 15 May 2020 17:23

Tgt Ion: 136 Resp: 1120938

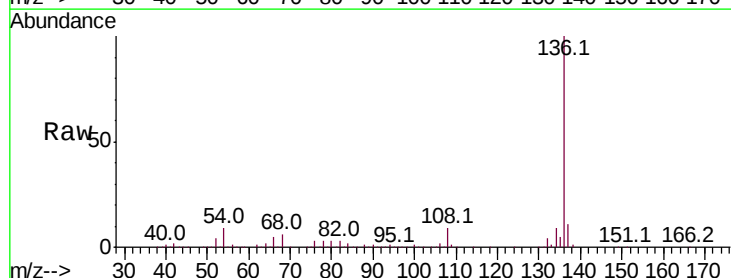
Ion Ratio Lower Upper

136 100

137 10.9 9.1 13.7

54 9.3 7.9 11.9

68 6.3 5.4 8.2

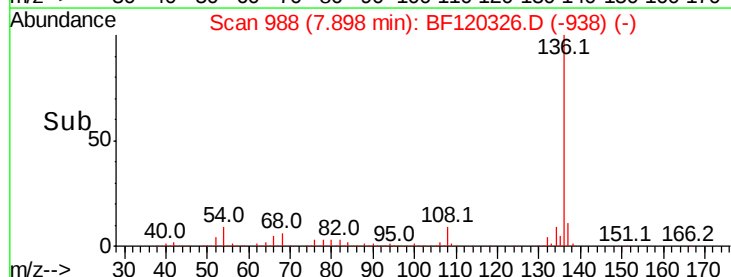
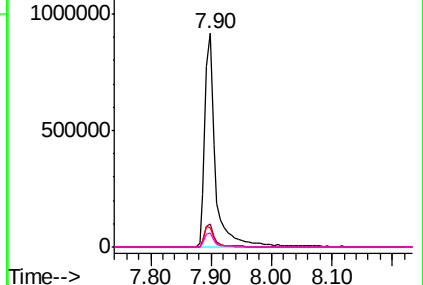


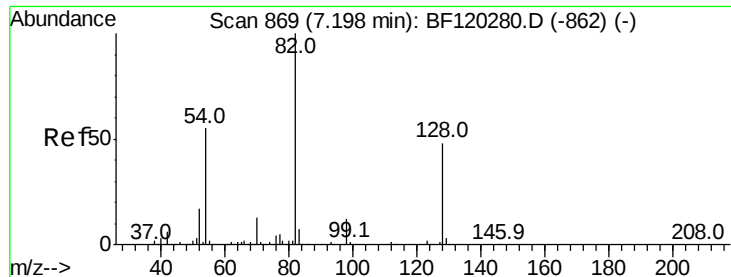
Abundance Ion 136.00 (135.70 to 136.70): E

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: 0.179 ng

RT: 7.24 min Scan# 876

Delta R.T. 0.05 min

Lab File: BF120326.D

Acq: 15 May 2020 17:23

Instrument :

BNA_F

ClientSampleId :

1364

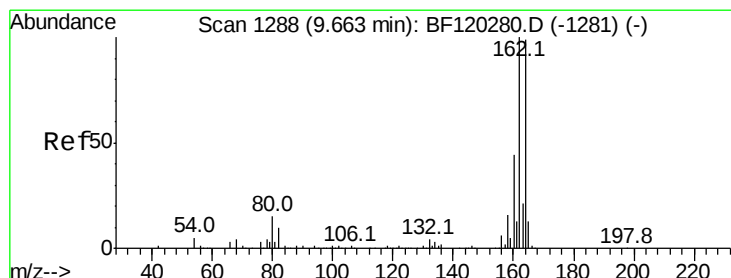
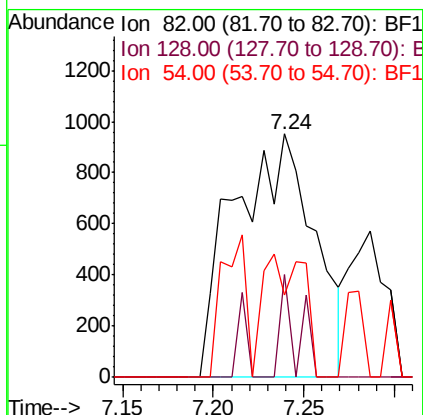
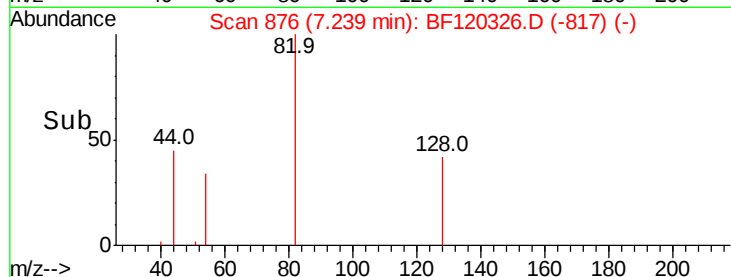
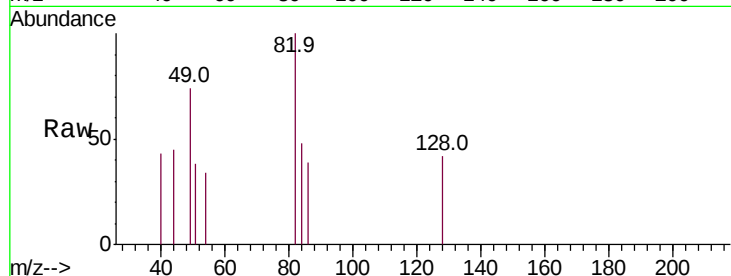
Tot Ion: 82 Resp: 2923

Ion Ratio Lower Upper

82 100

128 42.3 38.3 57.5

54 34.0 43.9 65.9#



#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.65 min Scan# 1286

Delta R.T. -0.00 min

Lab File: BF120326.D

Acq: 15 May 2020 17:23

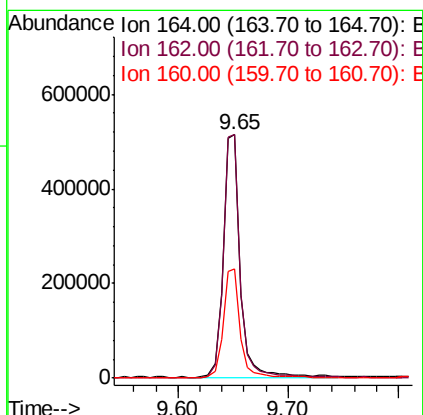
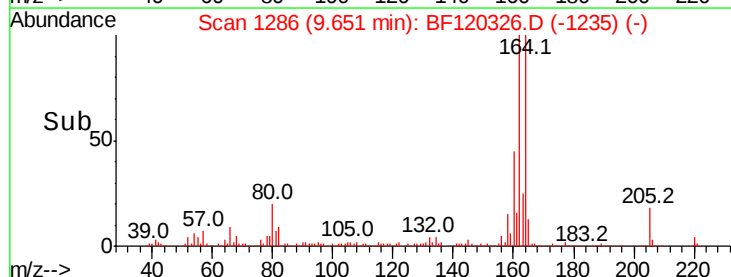
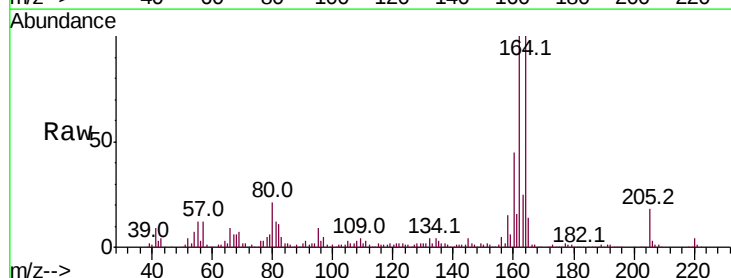
Tgt Ion: 164 Resp: 549231

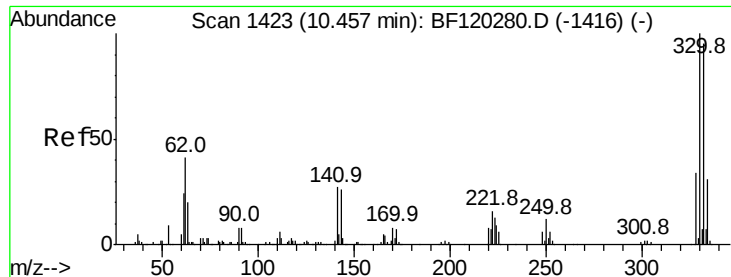
Ion Ratio Lower Upper

164 100

162 100.0 81.2 121.8

160 44.7 35.8 53.6





#42

2,4,6-Tribromophenol

Concen: 0.184 ng

RT: 10.45 min Scan# 1421

Delta R.T. -0.00 min

Lab File: BF120326.D

Acq: 15 May 2020 17:23

Instrument :

BNA_F

ClientSampleId :

1364

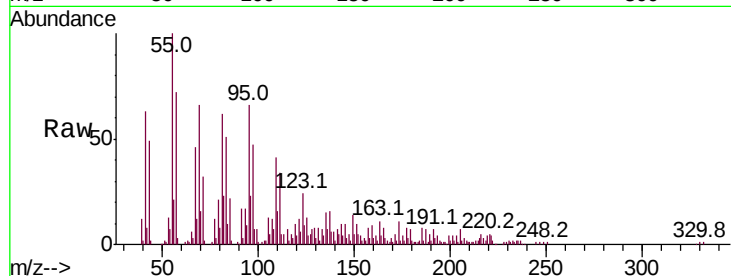
Tot Ion:330 Resp: 825

Ion Ratio Lower Upper

330 100

332 47.3 76.5 114.7#

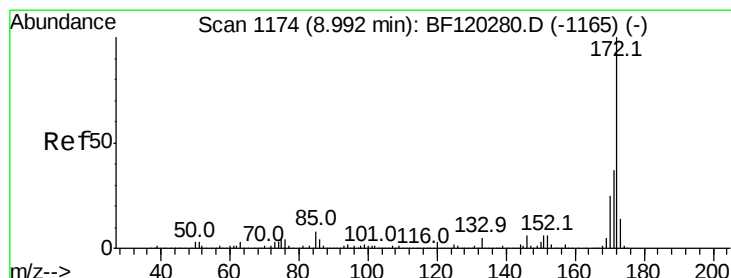
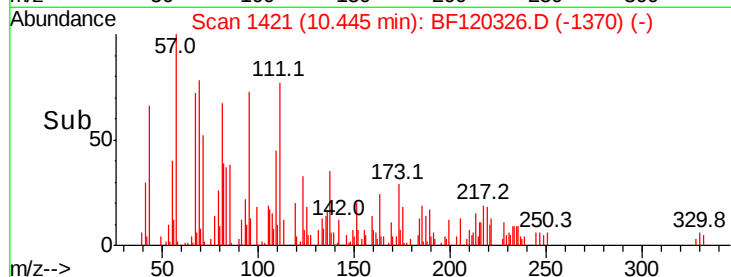
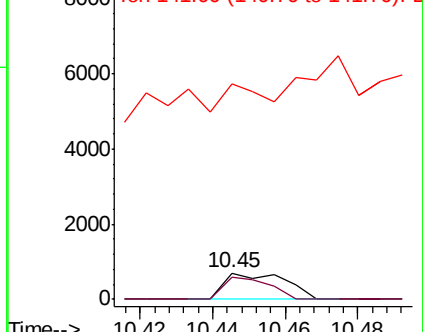
141 0.0 25.4 38.0#



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: 0.317 ng

RT: 8.97 min Scan# 1171

Delta R.T. -0.01 min

Lab File: BF120326.D

Acq: 15 May 2020 17:23

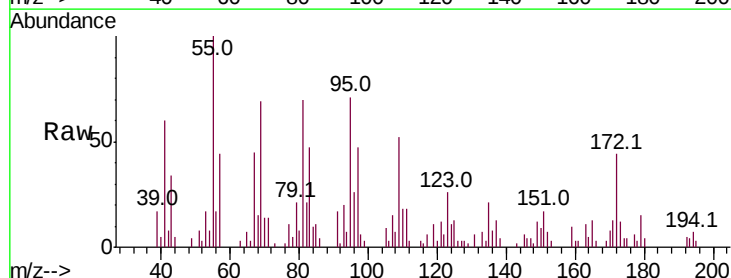
Tgt Ion:172 Resp: 8462

Ion Ratio Lower Upper

172 100

171 28.7 29.7 44.5#

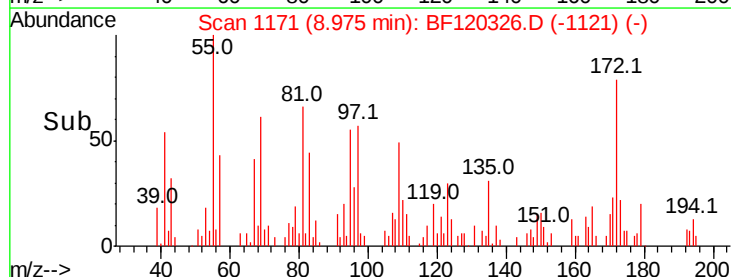
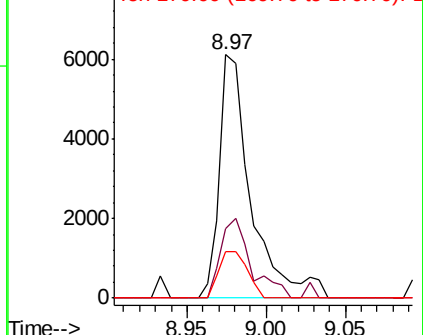
170 19.1 19.9 29.9#

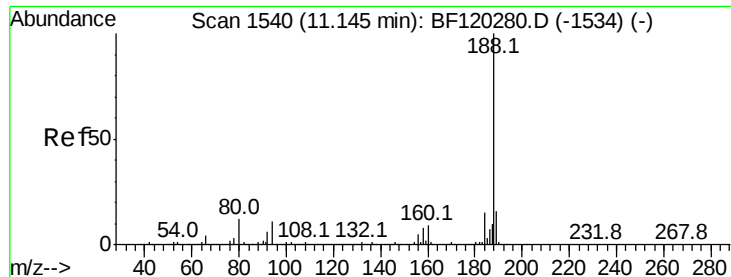


Abundance Ion 172.00 (171.70 to 172.70): E

Ion 171.00 (170.70 to 171.70): E

Ion 170.00 (169.70 to 170.70): E





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.13 min Scan# 1538

Delta R.T. -0.00 min

Lab File: BF120326.D

Acq: 15 May 2020 17:23

Instrument :

BNA_F

ClientSampleId :

1364

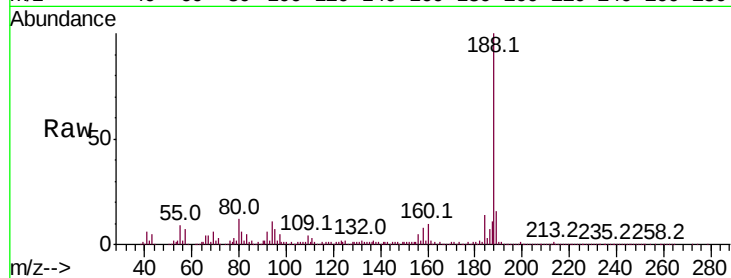
Tot Ion:188 Resp: 1030001

Ion Ratio Lower Upper

188 100

94 11.3 8.6 13.0

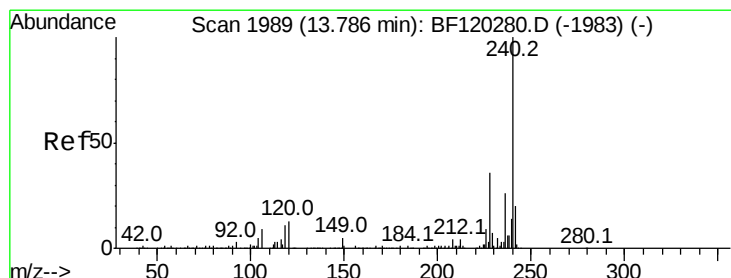
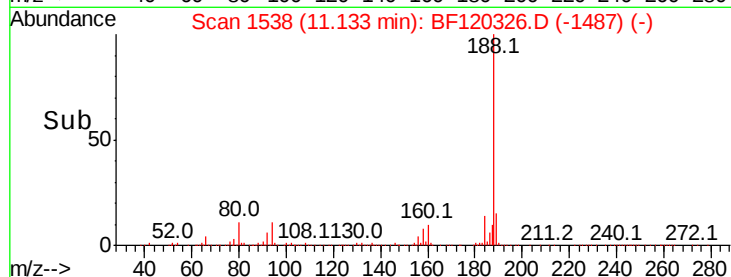
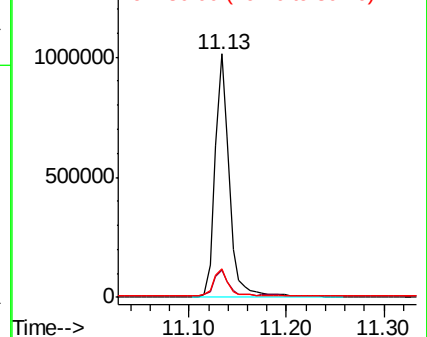
80 11.9 9.2 13.8



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: 20.000 ng

RT: 13.77 min Scan# 1986

Delta R.T. -0.01 min

Lab File: BF120326.D

Acq: 15 May 2020 17:23

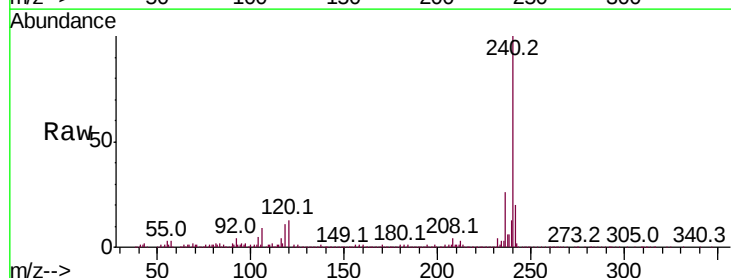
Tgt Ion:240 Resp: 965179

Ion Ratio Lower Upper

240 100

120 13.5 10.4 15.6

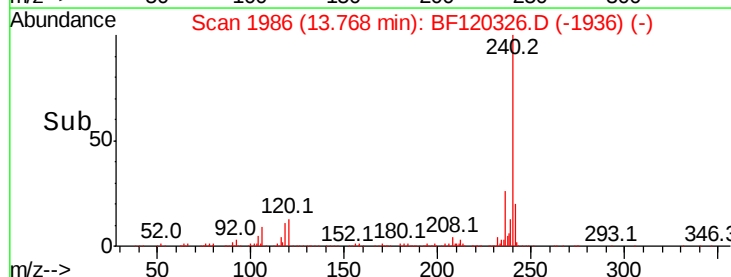
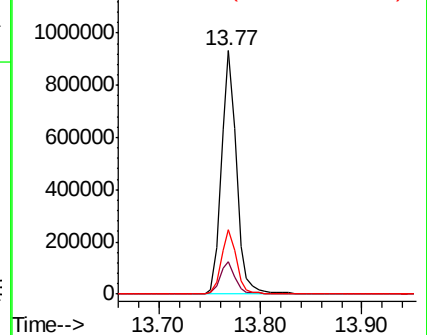
236 26.3 21.0 31.6

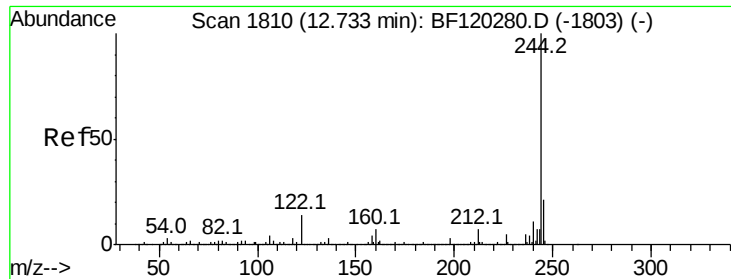


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#79

Terphenyl-d14

Concen: 0.274 ng

RT: 12.72 min Scan# 1807

Delta R.T. -0.01 min

Lab File: BF120326.D

Acq: 15 May 2020 17:23

Instrument :

BNA_F

ClientSampleId :

1364

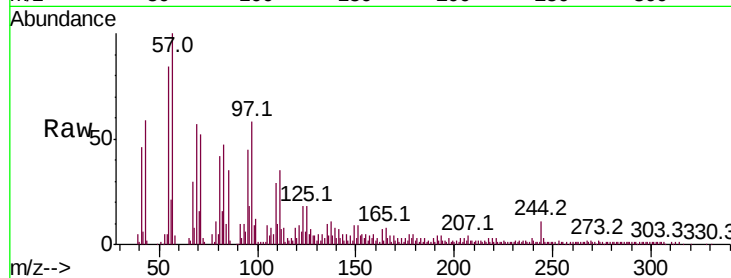
Tot Ion:244 Resp: 11969

Ion Ratio Lower Upper

244 100

212 14.8 5.8 8.6#

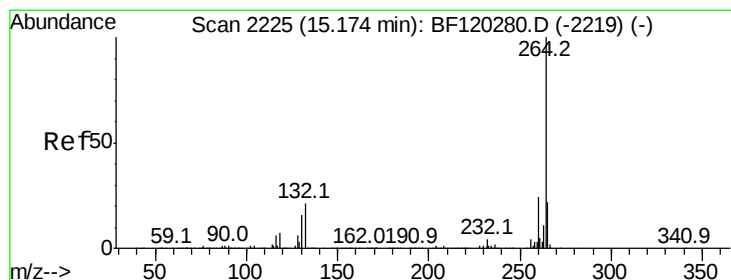
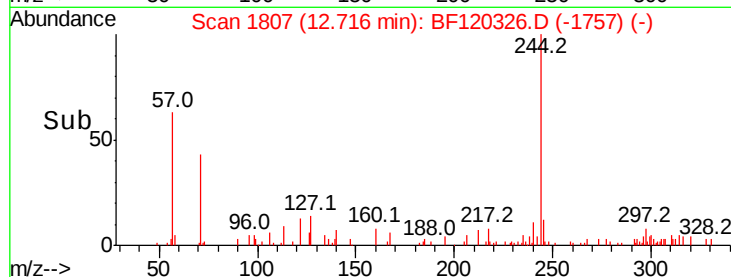
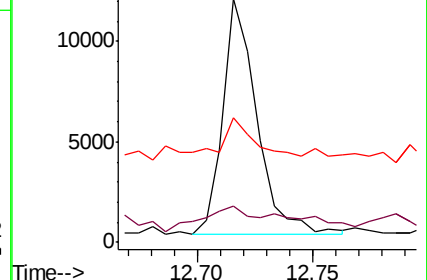
122 51.1 10.8 16.2#



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: 15.16 min Scan# 2222

Delta R.T. -0.01 min

Lab File: BF120326.D

Acq: 15 May 2020 17:23

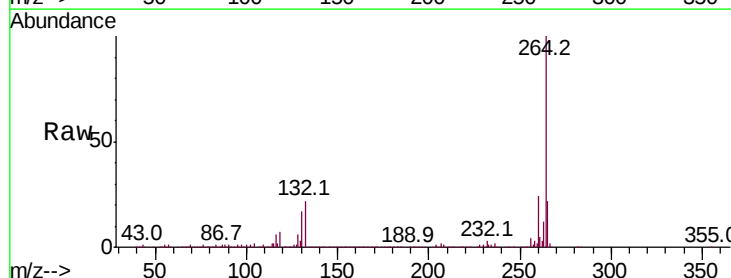
Tgt Ion:264 Resp: 877396

Ion Ratio Lower Upper

264 100

260 24.2 19.0 28.6

265 22.0 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

