

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF100520\
 Data File : BF121839.D
 Acq On : 6 Oct 2020 2:33
 Operator : JU/CG
 Sample : L4246-01 10X
 Misc :
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 108885

Quant Time: Oct 06 03:25:25 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF091020.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Oct 01 14:29:14 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.76	152	99354	20.00	ng	0.00
21) Naphthalene-d8	8.05	136	372746	20.00	ng	-0.01
39) Acenaphthene-d10	9.80	164	156553	20.00	ng	-0.01
64) Phenanthrene-d10	11.29	188	232360	20.00	ng	0.00
76) Chrysene-d12	13.93	240	262468	20.00	ng	0.00
86) Perylene-d12	15.36	264	246456	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.39	112	6428	0.96	ng	0.00
7) Phenol-d6	6.42	99	8286	0.94	ng	0.00
23) Nitrobenzene-d5	7.33	82	5783	0.83	ng	0.00
42) 2,4,6-Tribromophenol	10.60	330	1539	0.79	ng	0.00
45) 2-Fluorobiphenyl	9.12	172	13101	1.27	ng	-0.01
79) Terphenyl-d14	12.87	244	16128	1.24	ng	-0.01

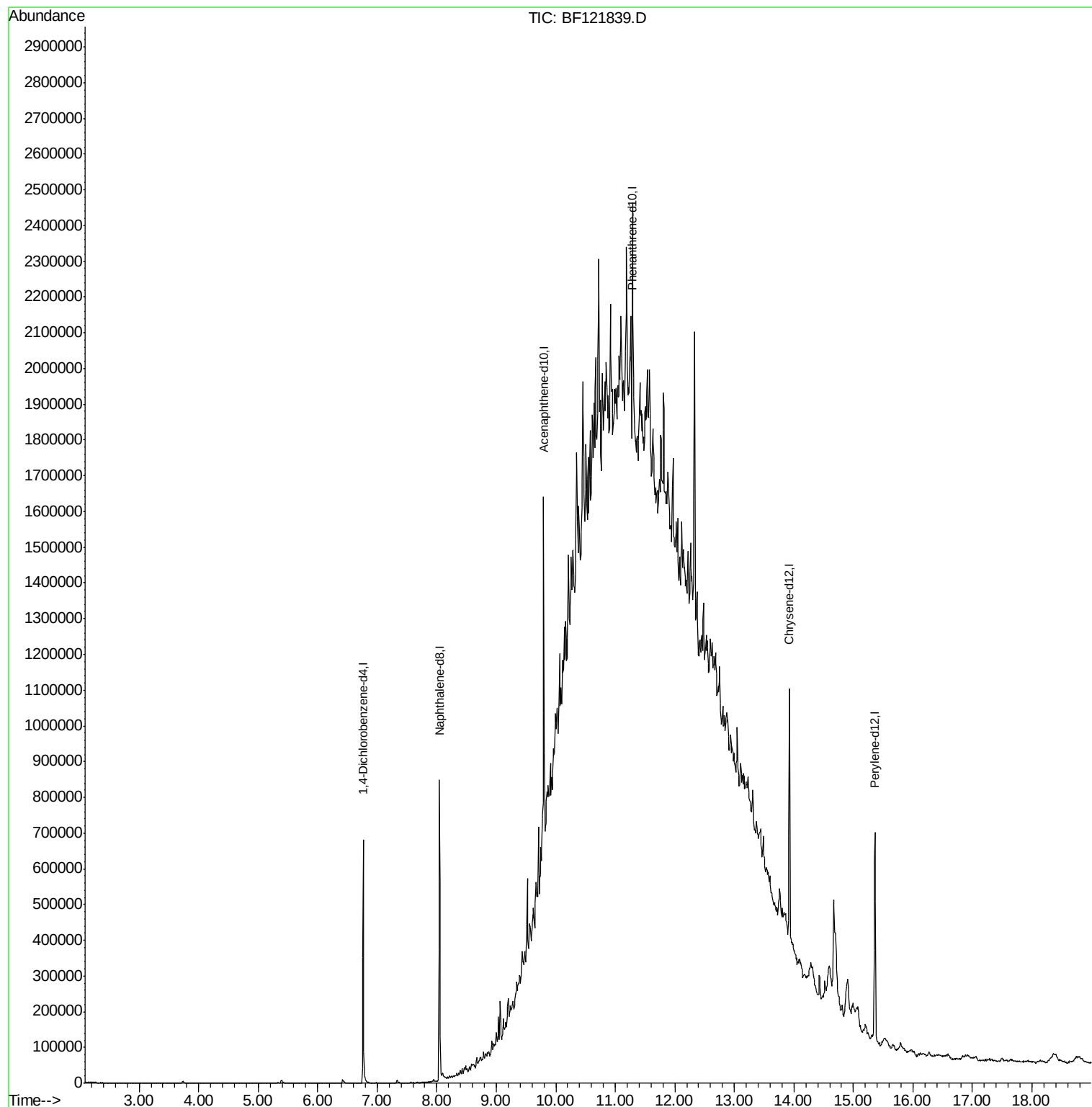
Target Compounds Qvalue

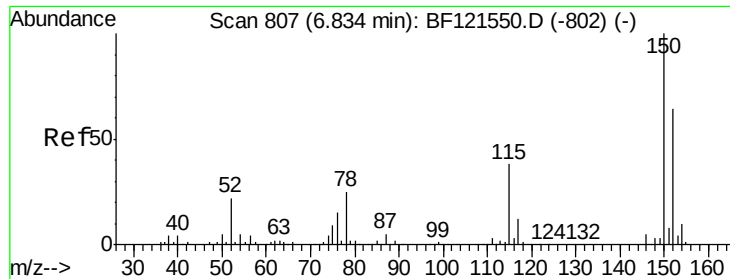
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 20.000 ng

RT: 6.76 min Scan# 795

Delta R.T. -0.01 min

Lab File: BF121839.D

Acq: 6 Oct 2020 2:33

Instrument :

BNA_F

ClientSampleId :

108885

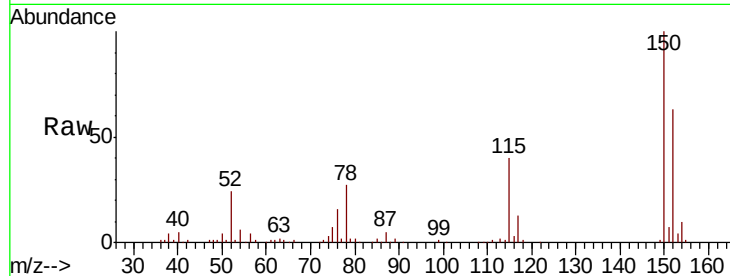
Tot Ion:152 Resp: 99354

Ion Ratio Lower Upper

152 100

150 157.5 125.3 187.9

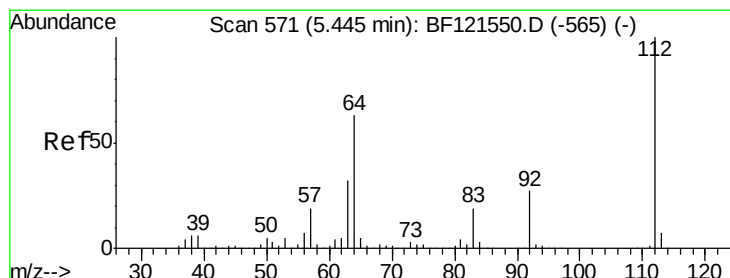
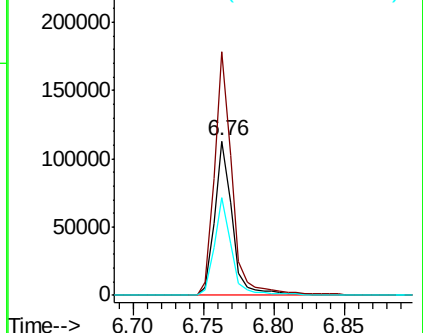
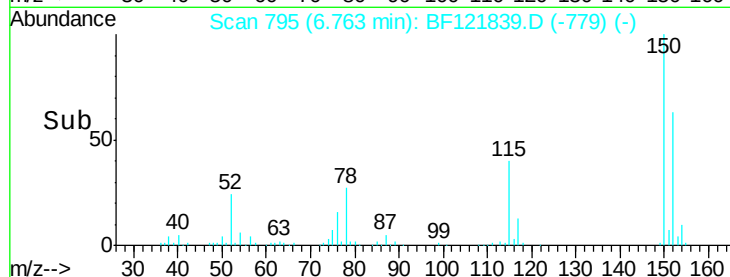
115 63.3 51.9 77.9



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: 0.961 ng

RT: 5.39 min Scan# 561

Delta R.T. -0.00 min

Lab File: BF121839.D

Acq: 6 Oct 2020 2:33

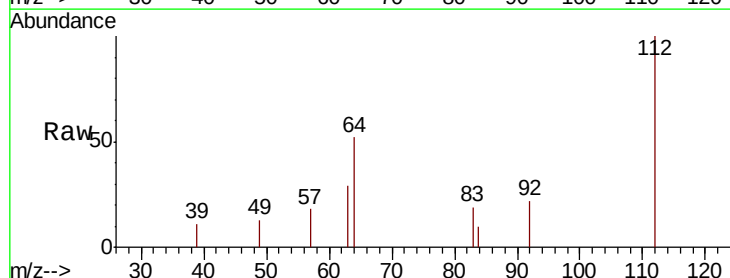
Tgt Ion:112 Resp: 6428

Ion Ratio Lower Upper

112 100

64 52.1 50.4 75.6

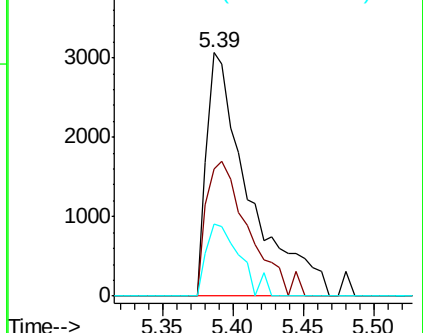
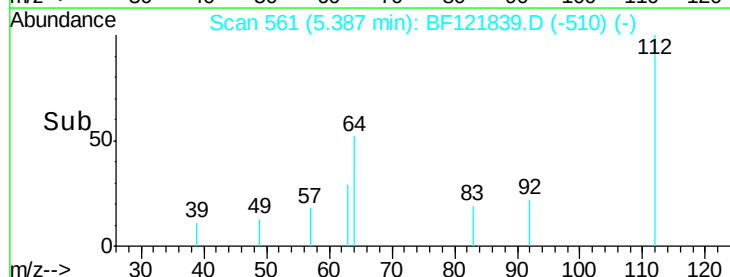
63 29.5 25.8 38.6

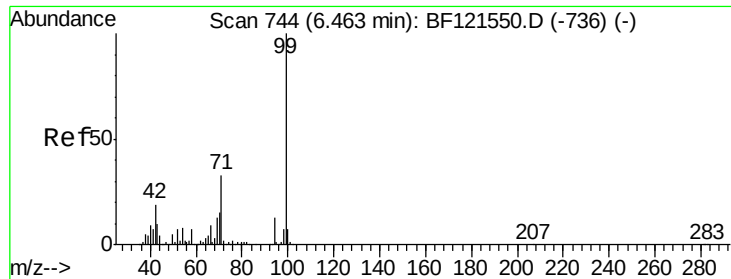


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF1

Ion 63.00 (62.70 to 63.70): BF1





#7

Phenol-d6

Concen: 0.945 ng

RT: 6.42 min Scan# 736

Delta R.T. -0.00 min

Lab File: BF121839.D

Acq: 6 Oct 2020 2:33

Instrument :

BNA_F

ClientSampleId :

108885

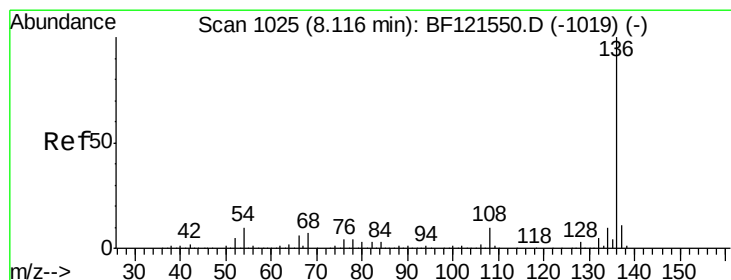
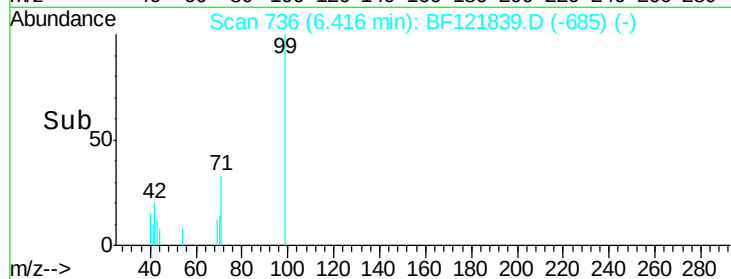
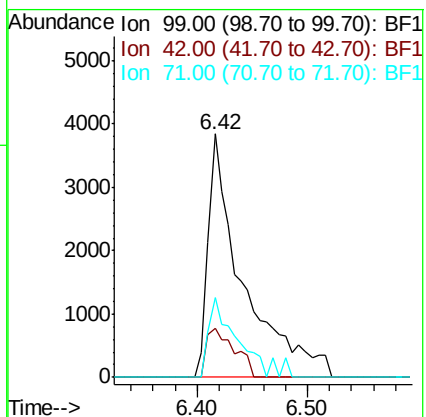
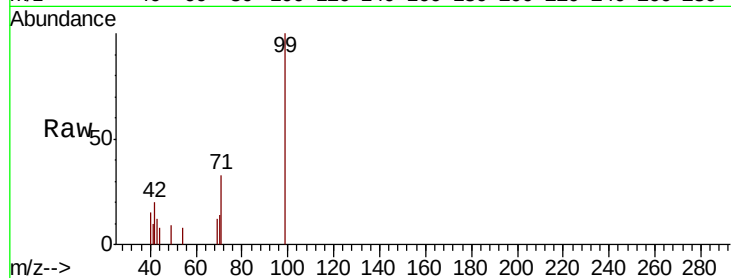
Tot Ion: 99 Resp: 8286

Ion Ratio Lower Upper

99 100

42 20.2 15.9 23.9

71 32.9 27.1 40.7



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.05 min Scan# 1013

Delta R.T. -0.01 min

Lab File: BF121839.D

Acq: 6 Oct 2020 2:33

Tgt Ion: 136 Resp: 372746

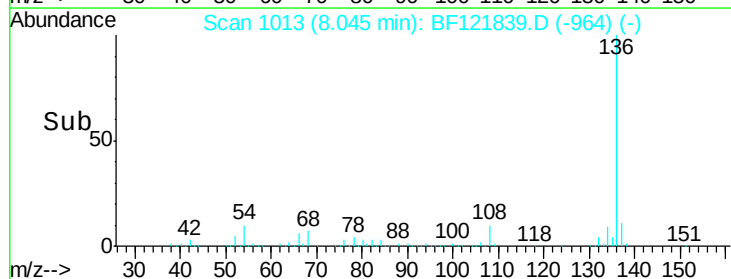
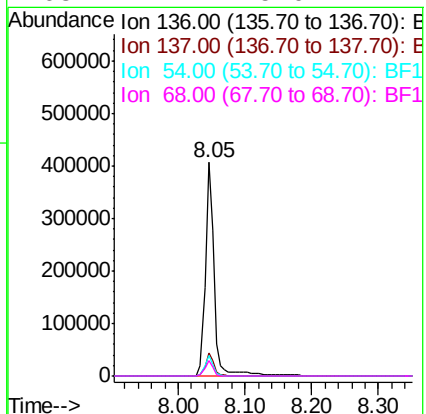
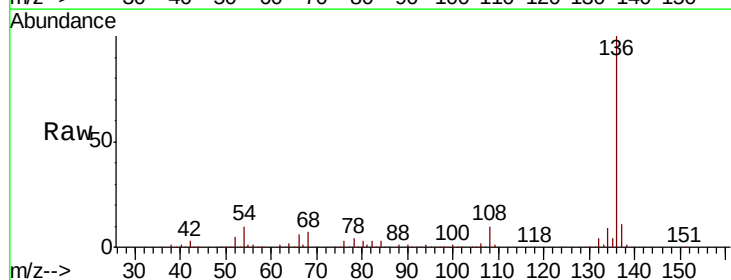
Ion Ratio Lower Upper

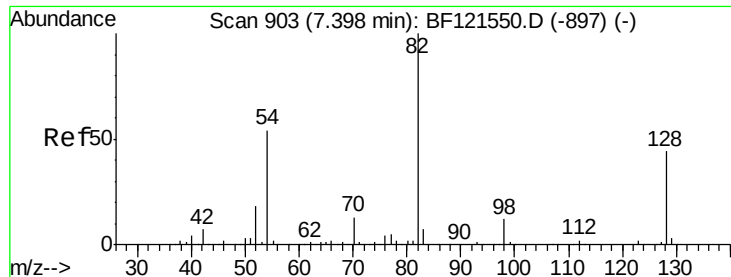
136 100

137 10.7 8.6 13.0

54 9.6 7.1 10.7

68 7.1 5.0 7.4

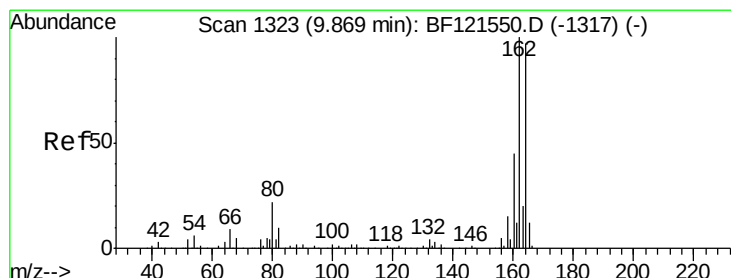
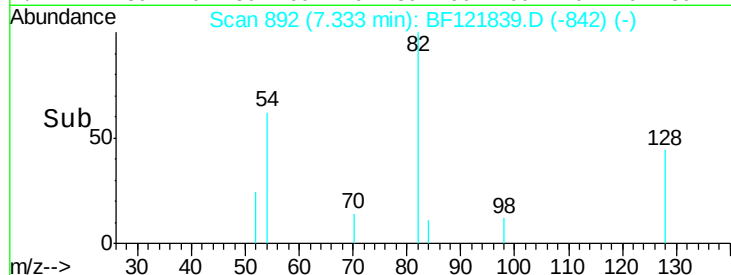
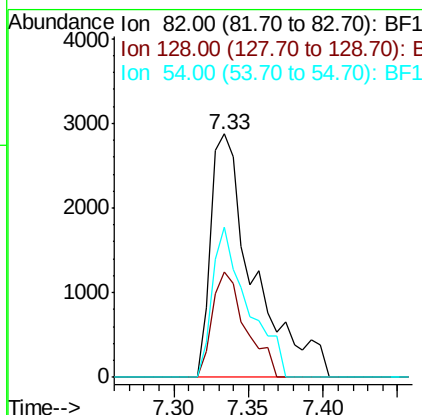
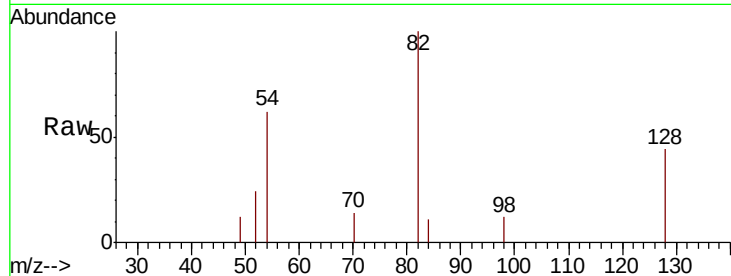




#23
 Nitrobenzene-d5
 Concen: 0.833 ng
 RT: 7.33 min Scan# 892
 Delta R.T. -0.01 min
 Lab File: BF121839.D
 Acq: 6 Oct 2020 2:33

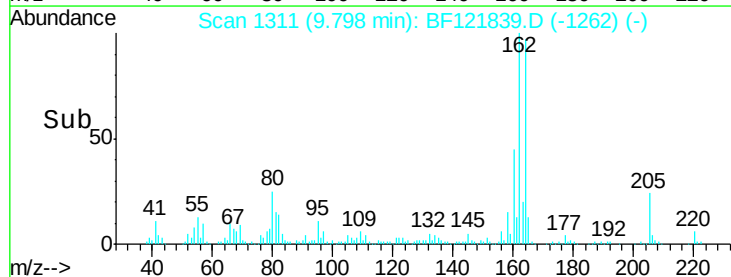
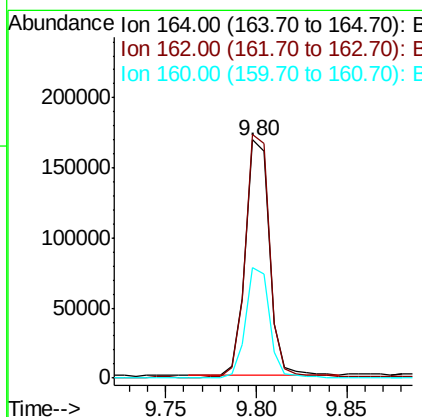
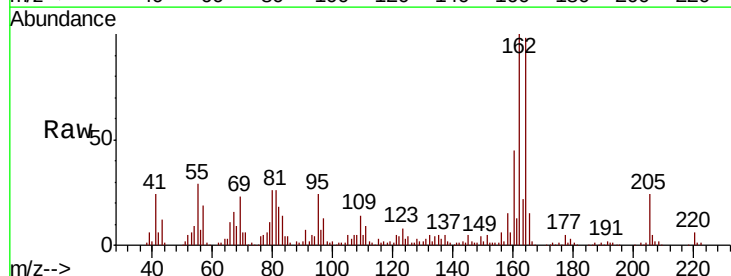
Instrument :
 BNA_F
 ClientSampleId :
 108885

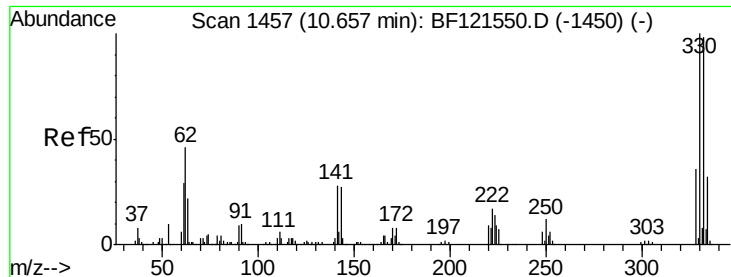
Tot Ion	82	Resp	5783
Ion Ratio	Lower	Upper	
82	100		
128	43.5	35.0	52.4
54	61.8	43.9	65.9



#39
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.80 min Scan# 1311
 Delta R.T. -0.01 min
 Lab File: BF121839.D
 Acq: 6 Oct 2020 2:33

Tgt Ion	164	Resp	156553
Ion Ratio	Lower	Upper	
164	100		
162	102.1	83.2	124.8
160	46.1	37.5	56.3





#42

2,4,6-Tribromophenol

Concen: 0.791 ng

RT: 10.60 min Scan# 1447

Delta R.T. -0.01 min

Lab File: BF121839.D

Acq: 6 Oct 2020 2:33

Instrument :

BNA_F

ClientSampled :

108885

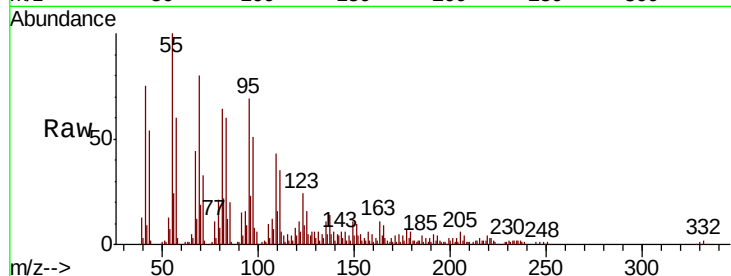
Tot Ion:330 Resp: 1539

Ion Ratio Lower Upper

330 100

332 92.5 77.3 115.9

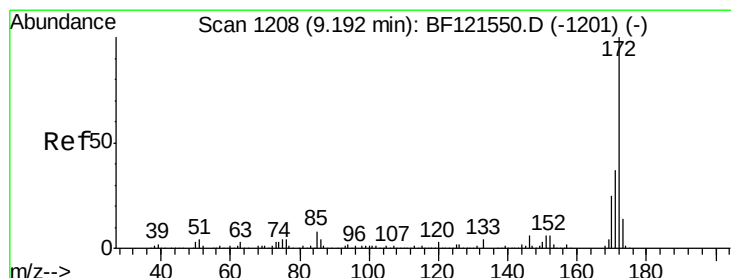
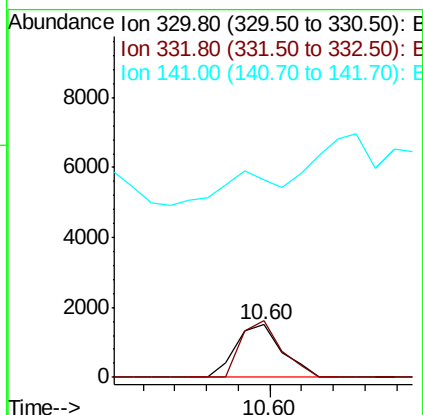
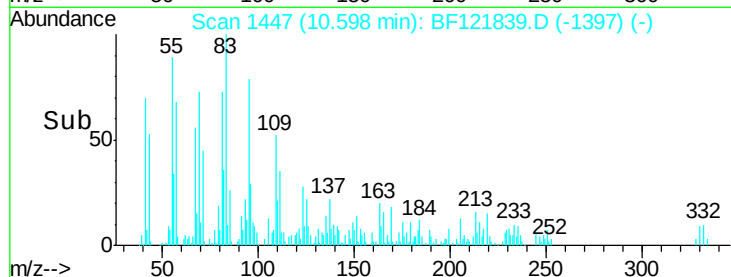
141 73.0 22.3 33.5#



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: 1.267 ng

RT: 9.12 min Scan# 1196

Delta R.T. -0.01 min

Lab File: BF121839.D

Acq: 6 Oct 2020 2:33

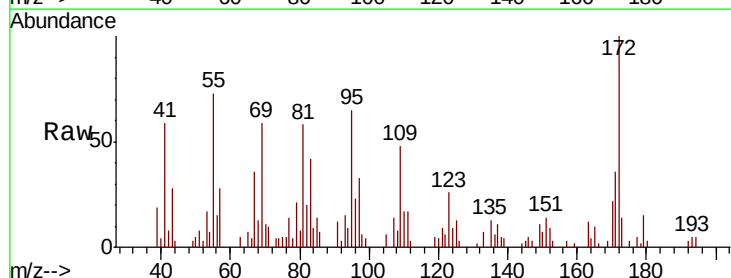
Tgt Ion:172 Resp: 13101

Ion Ratio Lower Upper

172 100

171 36.0 29.1 43.7

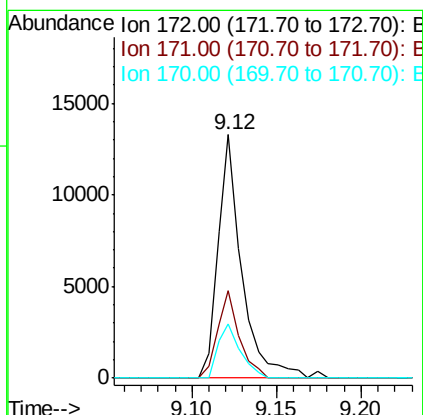
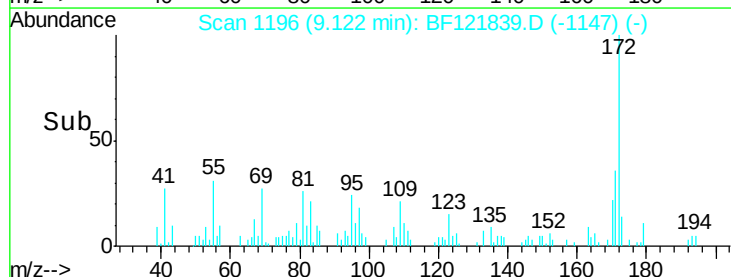
170 22.1 19.8 29.6

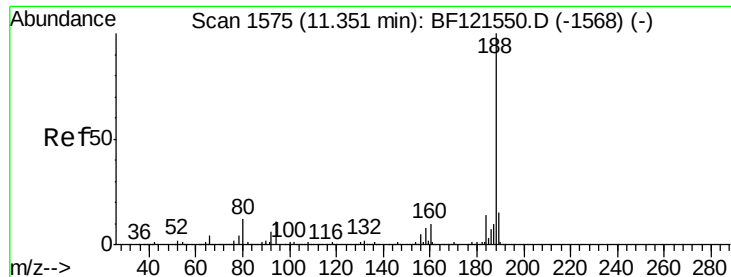


Abundance Ion 172.00 (171.70 to 172.70): E

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: 11.29 min Scan# 1565

Delta R.T. -0.00 min

Lab File: BF121839.D

Acq: 6 Oct 2020 2:33

Instrument :

BNA_F

ClientSampleId :

108885

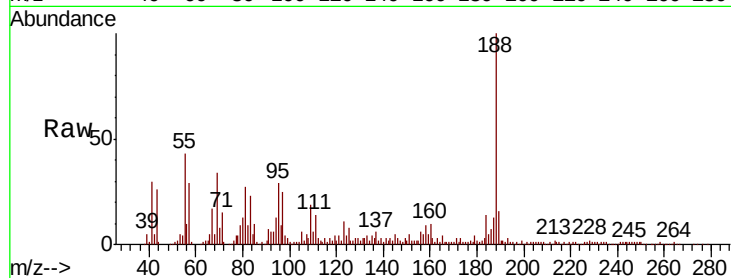
Tot Ion:188 Resp: 232360

Ion Ratio Lower Upper

188 100

94 12.7 8.3 12.5#

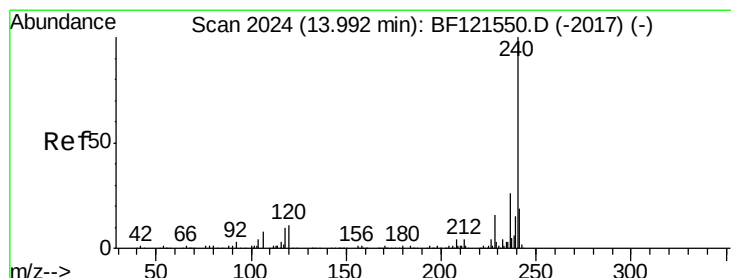
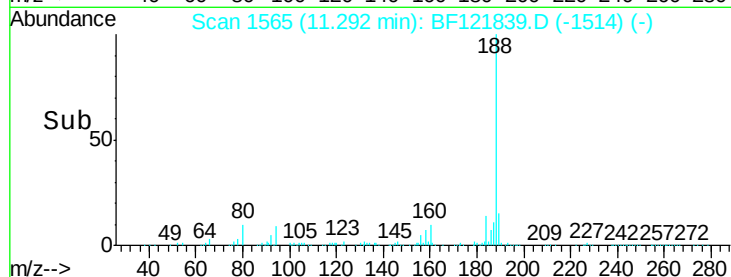
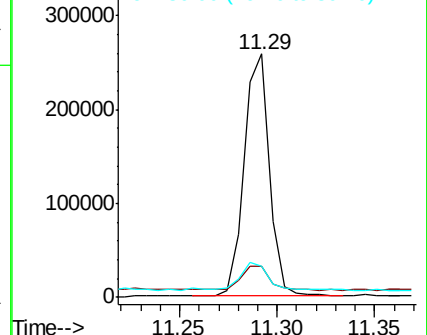
80 12.9 9.1 13.7



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: 13.93 min Scan# 2013

Delta R.T. -0.01 min

Lab File: BF121839.D

Acq: 6 Oct 2020 2:33

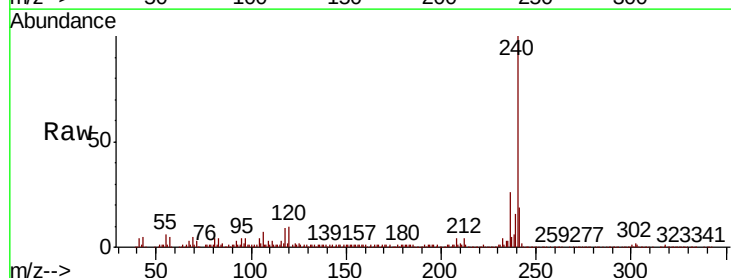
Tgt Ion:240 Resp: 262468

Ion Ratio Lower Upper

240 100

120 9.9 9.2 13.8

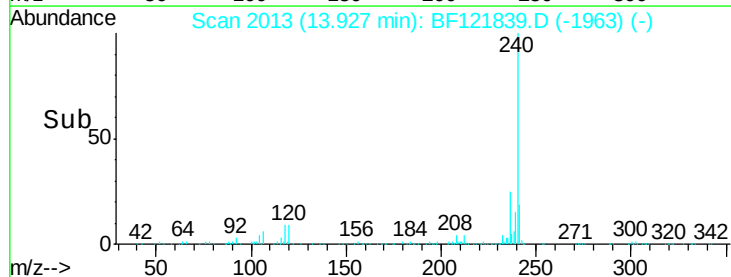
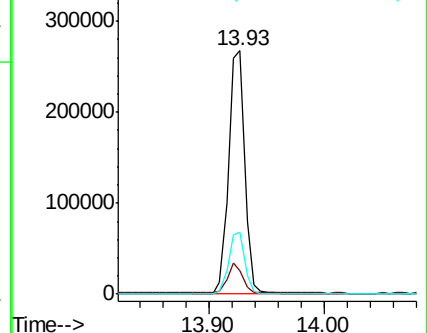
236 25.6 20.9 31.3

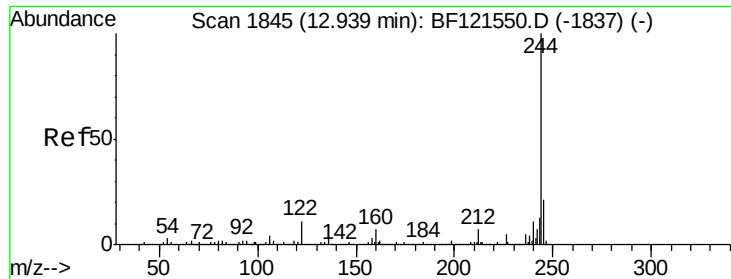


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#79

Terphenyl-d14

Concen: 1.245 ng

RT: 12.87 min Scan# 1833

Delta R.T. -0.01 min

Lab File: BF121839.D

Acq: 6 Oct 2020 2:33

Instrument :

BNA_F

ClientSampleId :

108885

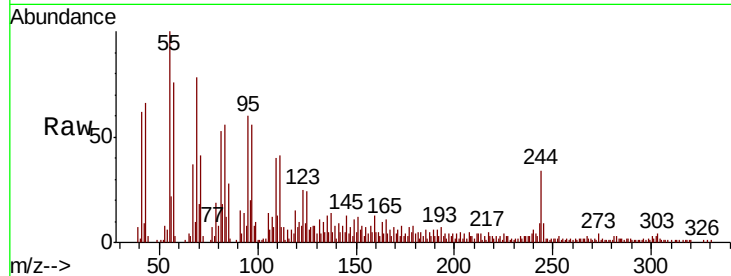
Tot Ion:244 Resp: 16128

Ion Ratio Lower Upper

244 100

212 11.9 5.4 8.2#

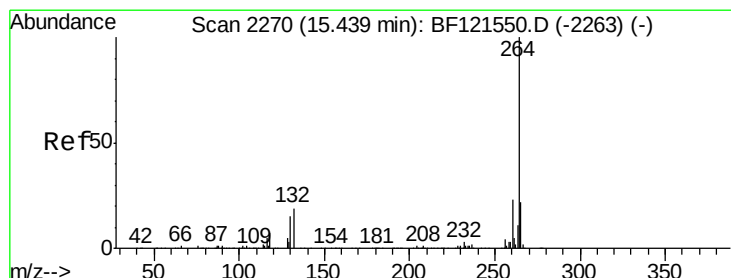
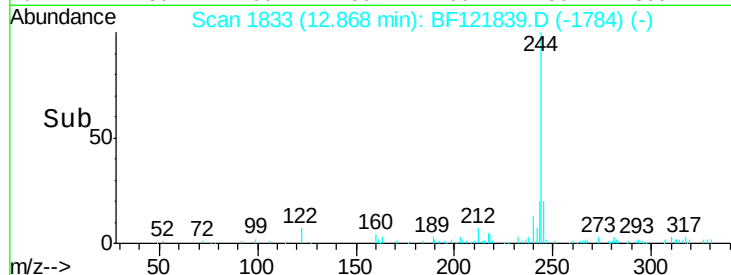
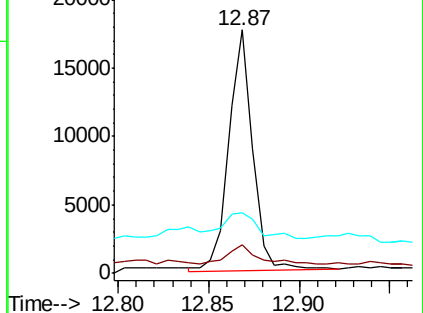
122 24.7 8.1 12.1#



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



#86

Perylene-d12

Concen: 20.000 ng

RT: 15.36 min Scan# 2257

Delta R.T. -0.00 min

Lab File: BF121839.D

Acq: 6 Oct 2020 2:33

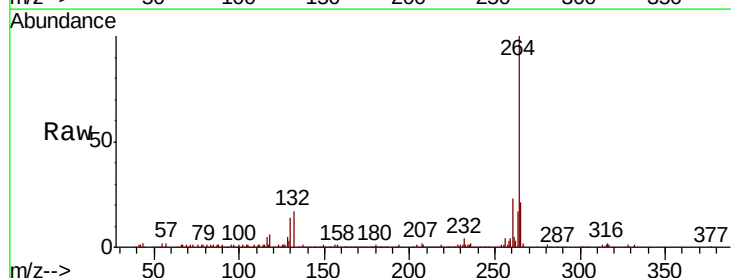
Tgt Ion:264 Resp: 246456

Ion Ratio Lower Upper

264 100

260 23.1 18.7 28.1

265 21.3 17.3 25.9



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

