

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF121019\
 Data File : BF118169.D
 Acq On : 10 Dec 2019 18:06
 Operator : JU
 Sample : K6176-06
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 48-SPRUCE

Quant Time: Dec 11 02:52:03 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF120619.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Dec 06 17:34:43 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.87	152	89597	20.00	ng	0.00
21) Naphthalene-d8	8.16	136	350486	20.00	ng	0.00
39) Acenaphthene-d10	9.92	164	173775	20.00	ng	0.00
64) Phenanthrene-d10	11.41	188	291605	20.00	ng	0.00
76) Chrysene-d12	14.06	240	241214	20.00	ng	0.00
87) Perylene-d12	15.56	264	220663	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.49	112	667816	130.55	ng	0.01
7) Phenol-d6	6.50	99	725282	117.22	ng	0.00
23) Nitrobenzene-d5	7.43	82	533780	85.68	ng	0.00
42) 2,4,6-Tribromophenol	10.71	330	257894	122.16	ng	0.00
45) 2-Fluorobiphenyl	9.23	172	1045596	91.56	ng	0.00
79) Terphenyl-d14	13.00	244	1134537	80.88	ng	0.00

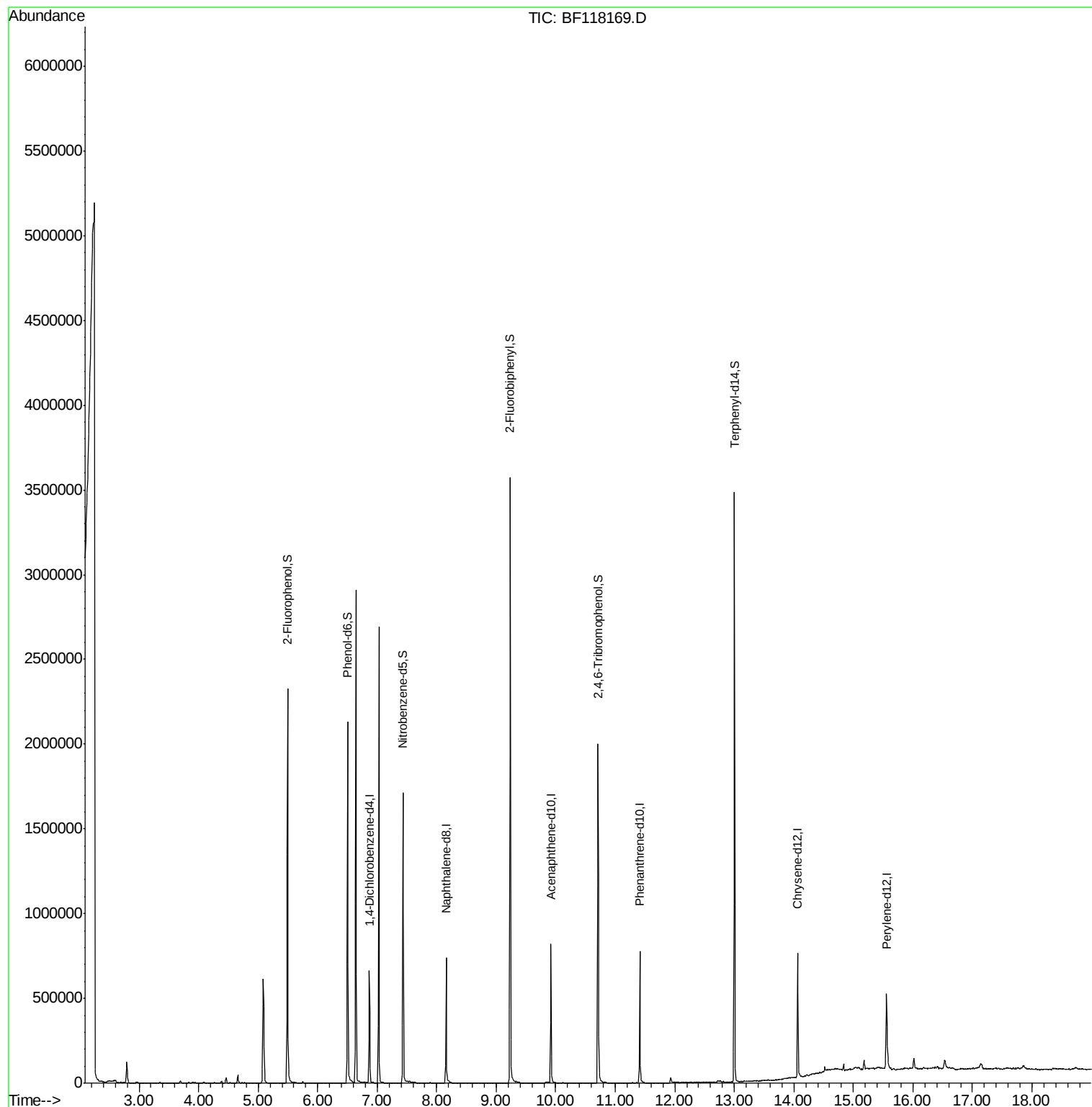
Target Compounds Qvalue

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

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#1

1,4-Dichlorobenzene-d4

Concen: 20.000 ng

RT: 6.87 min Scan# 813

Delta R.T. 0.00 min

Lab File: BF118169.D

Acq: 10 Dec 2019 18:06

Instrument :

BNA_F

ClientSampleId :

48-SPRUCE

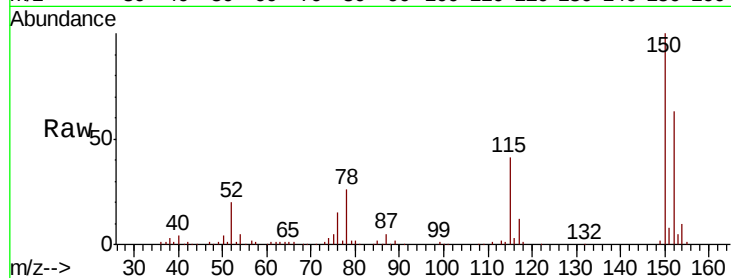
Tot Ion:152 Resp: 89597

Ion Ratio Lower Upper

152 100

150 158.8 128.3 192.5

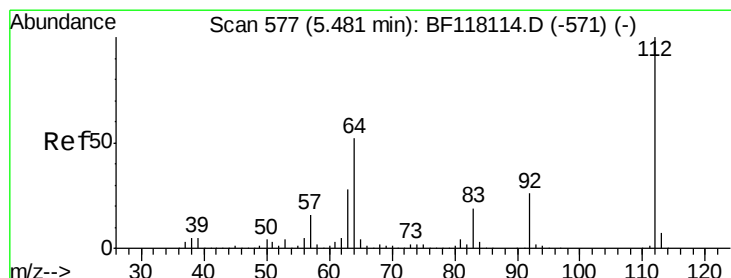
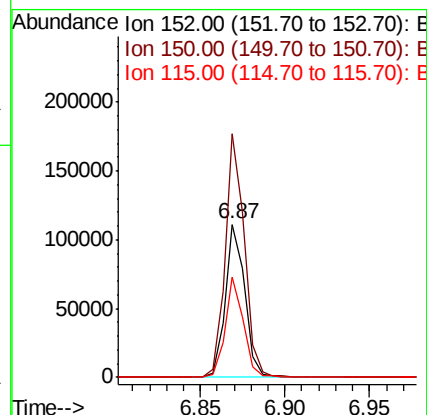
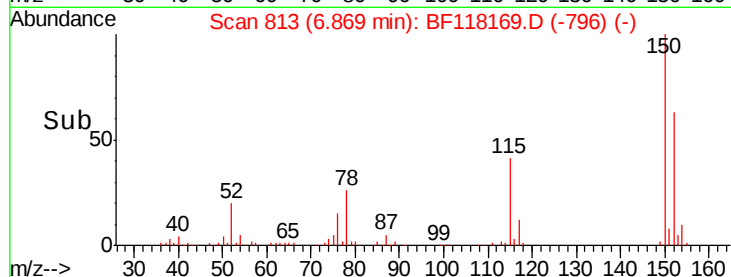
115 65.3 51.1 76.7



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: 130.546 ng

RT: 5.49 min Scan# 579

Delta R.T. 0.01 min

Lab File: BF118169.D

Acq: 10 Dec 2019 18:06

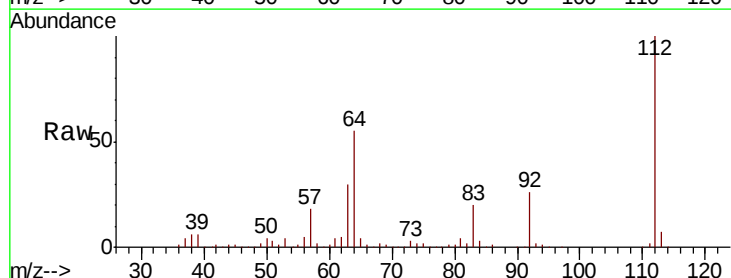
Tgt Ion:112 Resp: 667816

Ion Ratio Lower Upper

112 100

64 55.3 41.3 61.9

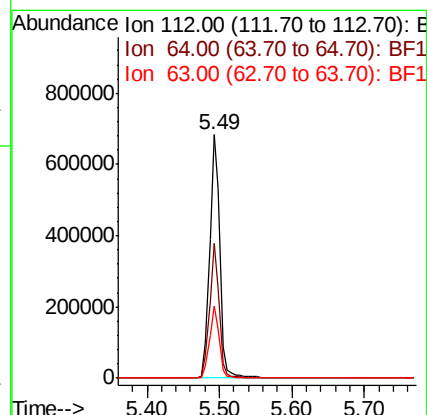
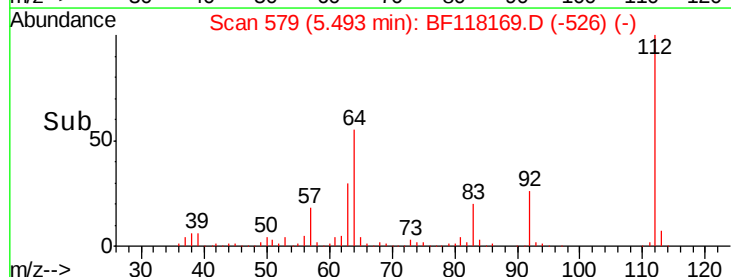
63 29.8 22.4 33.6

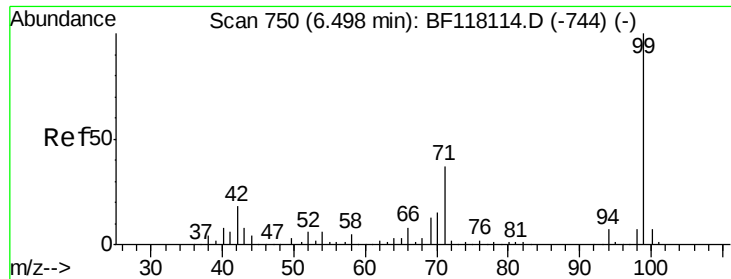


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF1

Ion 63.00 (62.70 to 63.70): BF1





#7

Phenol-d6

Concen: 117.219 ng

RT: 6.50 min Scan# 751

Delta R.T. 0.01 min

Lab File: BF118169.D

Acq: 10 Dec 2019 18:06

Instrument :

BNA_F

ClientSampleId :

48-SPRUCE

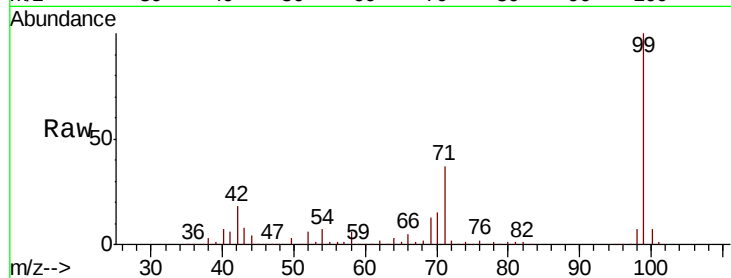
Tot Ion: 99 Resp: 725282

Ion Ratio Lower Upper

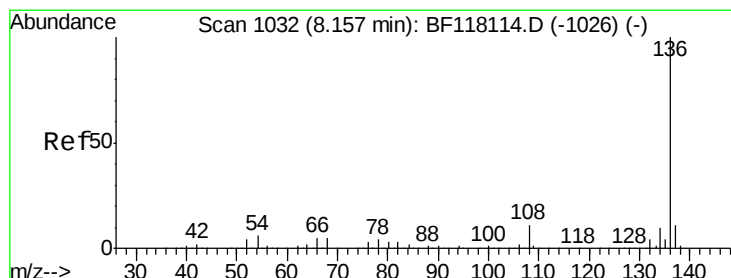
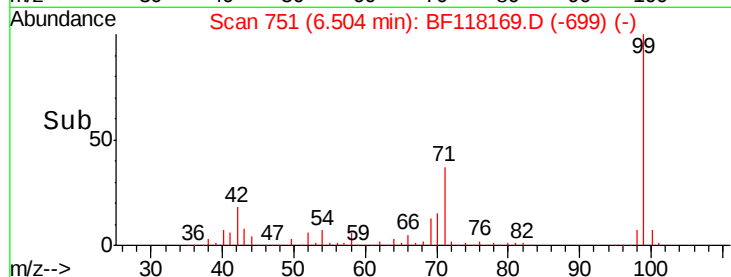
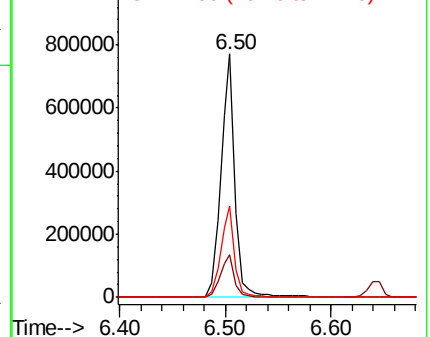
99 100

42 17.5 14.1 21.1

71 37.5 29.7 44.5



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: 8.16 min Scan# 1032

Delta R.T. 0.00 min

Lab File: BF118169.D

Acq: 10 Dec 2019 18:06

Tgt Ion: 136 Resp: 350486

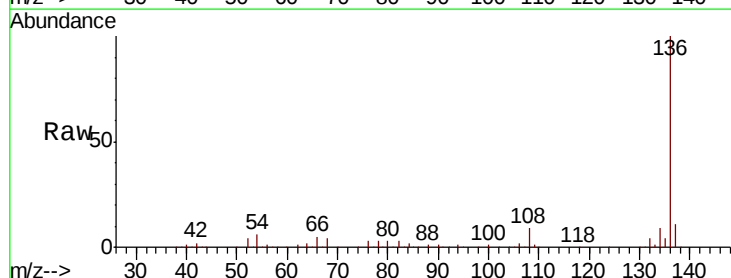
Ion Ratio Lower Upper

136 100

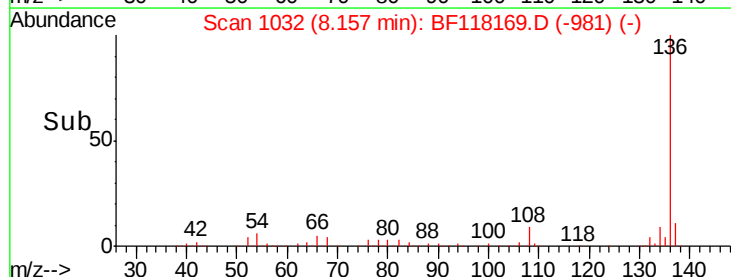
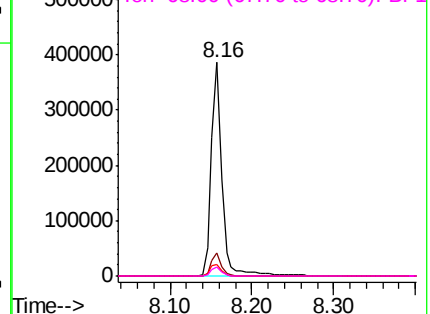
137 10.5 9.0 13.6

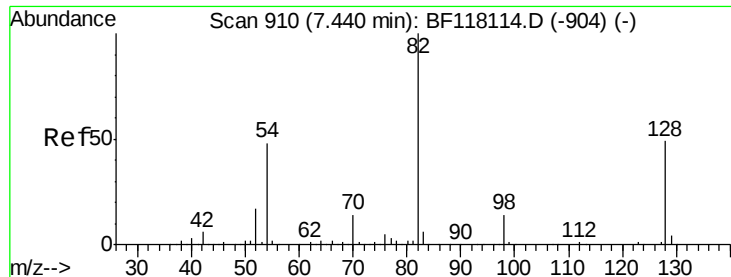
54 5.6 5.0 7.6

68 4.3 3.8 5.8



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

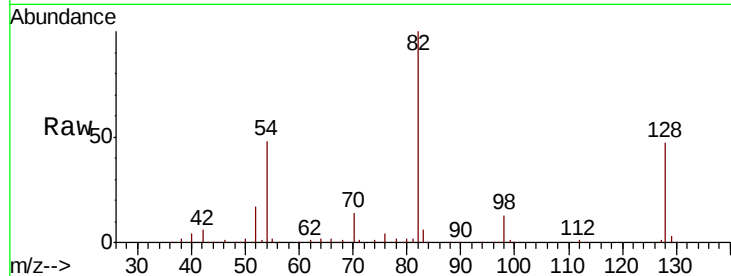




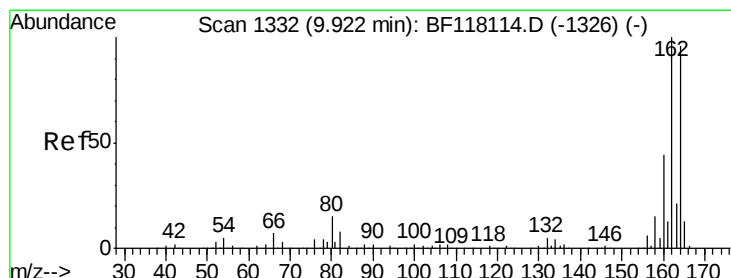
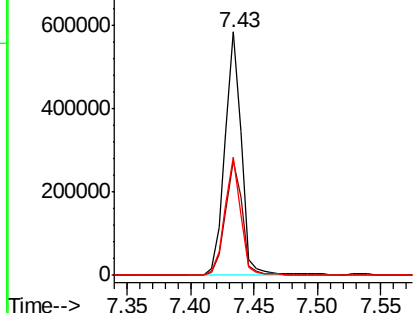
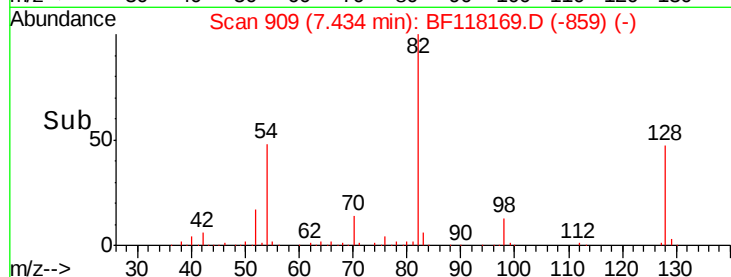
#23
Nitrobenzene-d5
Concen: 85.679 ng
RT: 7.43 min Scan# 909
Delta R.T. -0.01 min
Lab File: BF118169.D
Acq: 10 Dec 2019 18:06

Instrument :
BNA_F
ClientSampleId :
48-SPRUCE

Tot Ion: 82 Resp: 533780
Ion Ratio Lower Upper
82 100
128 46.8 39.1 58.7
54 48.4 38.2 57.2

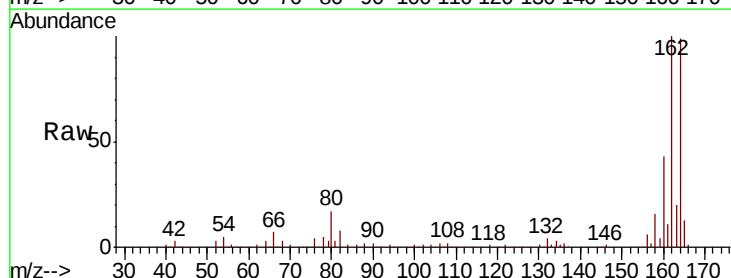


Abundance Ion 82.00 (81.70 to 82.70): BF1
Ion 128.00 (127.70 to 128.70): BF1
Ion 54.00 (53.70 to 54.70): BF1

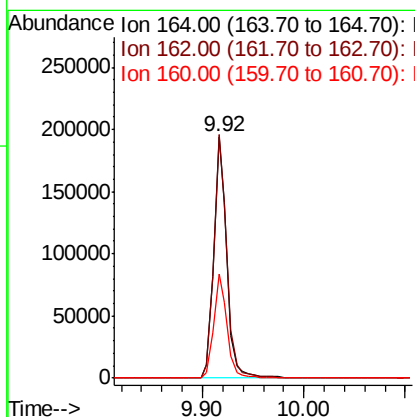
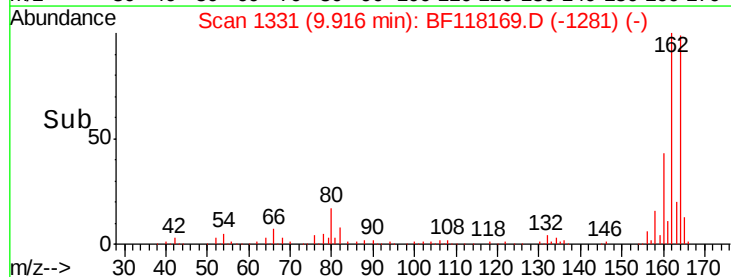


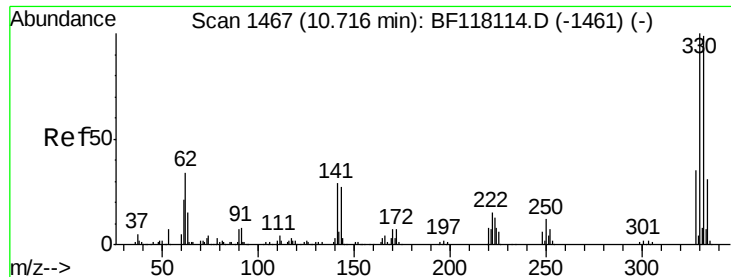
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.92 min Scan# 1331
Delta R.T. -0.01 min
Lab File: BF118169.D
Acq: 10 Dec 2019 18:06

Tgt Ion:164 Resp: 173775
Ion Ratio Lower Upper
164 100
162 100.9 83.4 125.0
160 43.4 36.6 54.8



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: 122.164 ng

RT: 10.71 min Scan# 1466

Delta R.T. -0.01 min

Lab File: BF118169.D

Acq: 10 Dec 2019 18:06

Instrument :

BNA_F

ClientSampleId :

48-SPRUCE

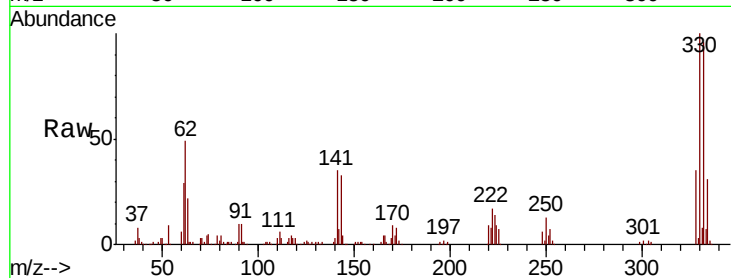
Tot Ion:330 Resp: 257894

Ion Ratio Lower Upper

330 100

332 96.9 78.1 117.1

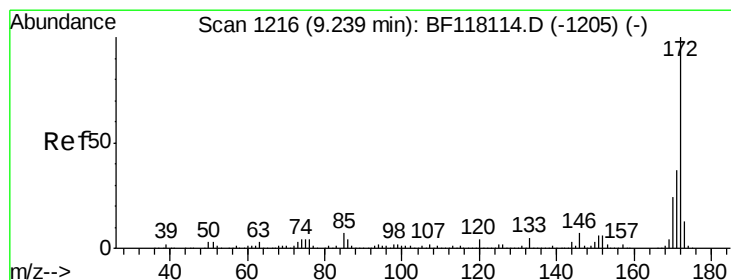
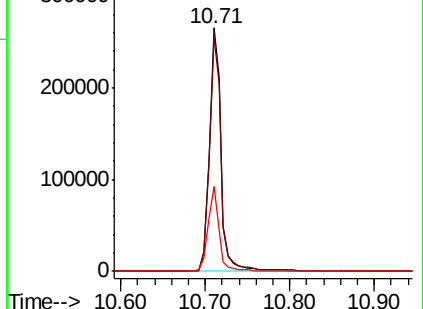
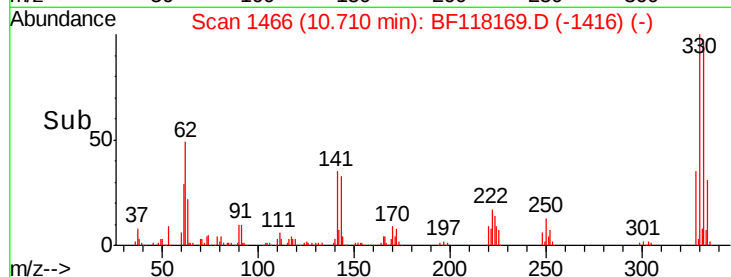
141 32.7 26.9 40.3



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: 91.557 ng

RT: 9.23 min Scan# 1215

Delta R.T. -0.01 min

Lab File: BF118169.D

Acq: 10 Dec 2019 18:06

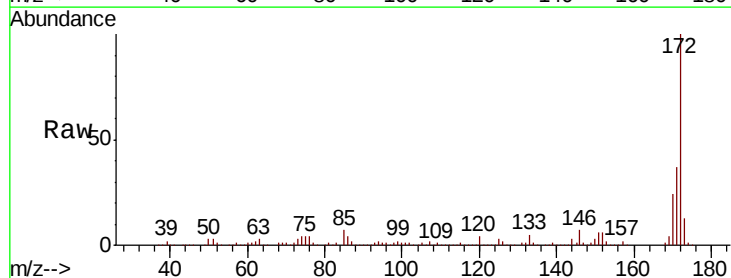
Tgt Ion:172 Resp: 1045596

Ion Ratio Lower Upper

172 100

171 36.6 29.2 43.8

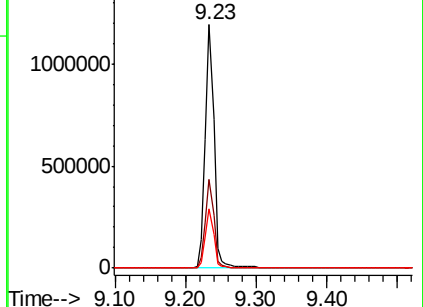
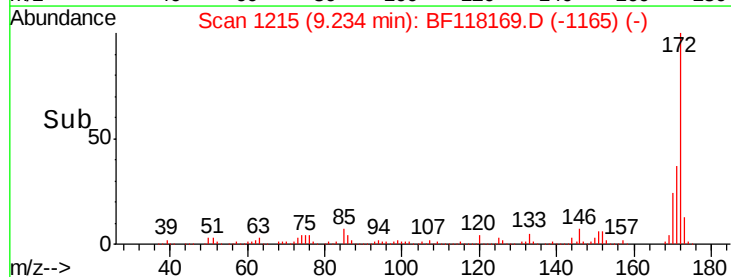
170 24.4 19.4 29.2

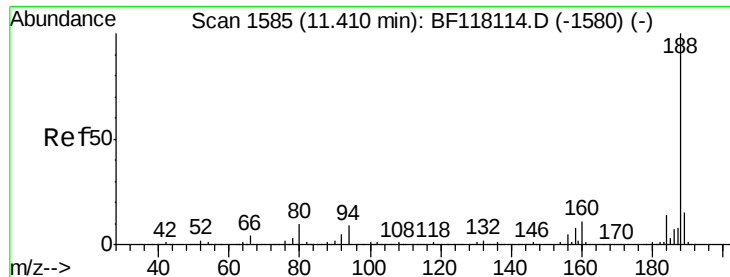


Abundance Ion 172.00 (171.70 to 172.70): E

Ion 171.00 (170.70 to 171.70): E

Ion 170.00 (169.70 to 170.70): E

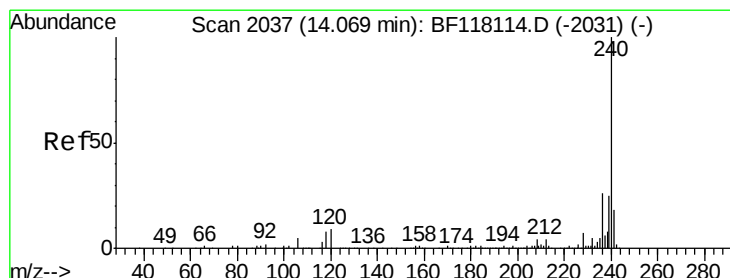
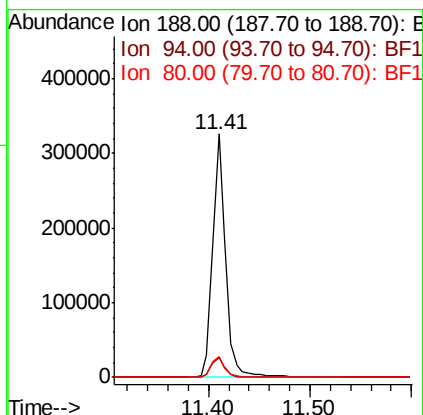
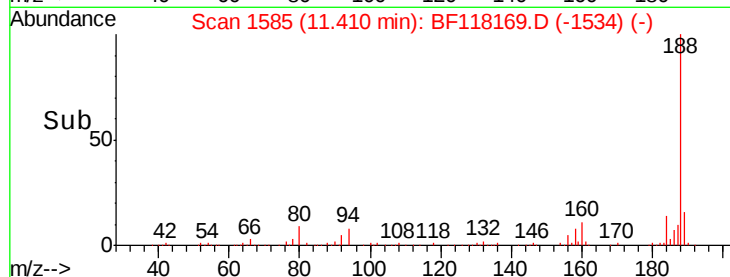
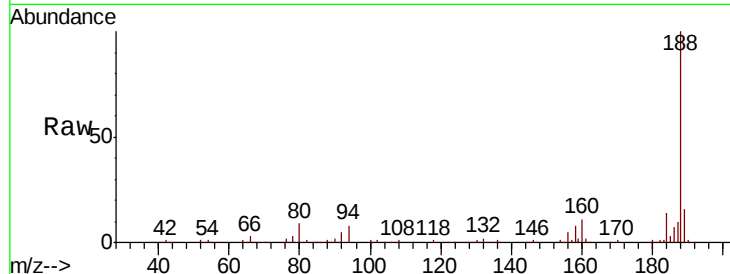




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.41 min Scan# 1585
Delta R.T. 0.00 min
Lab File: BF118169.D
Acq: 10 Dec 2019 18:06

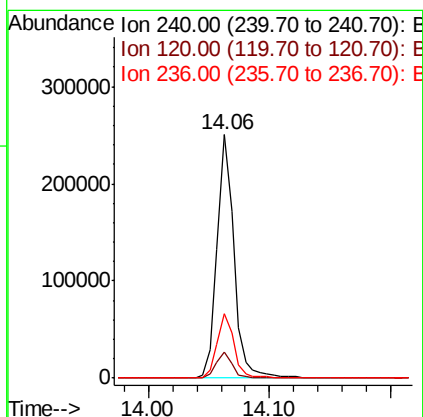
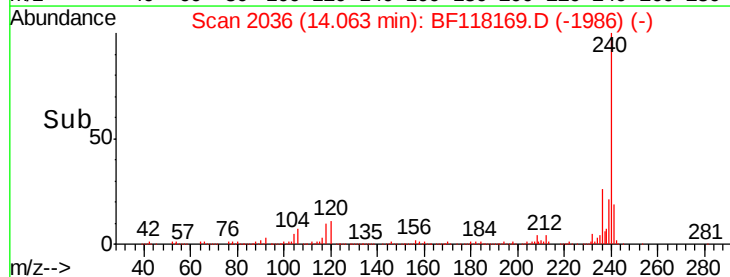
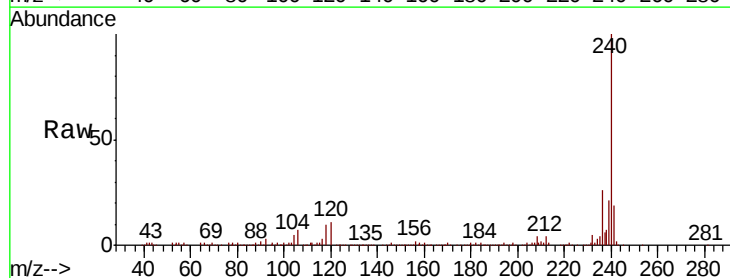
Instrument :
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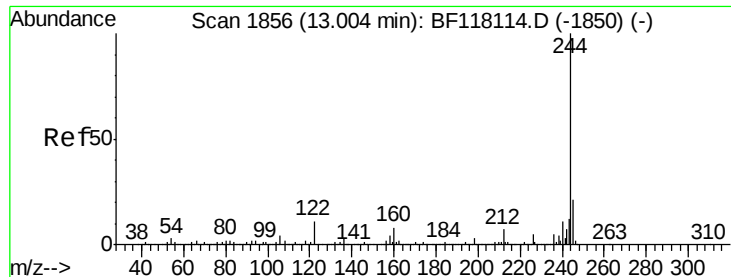
Tot Ion	Ratio	Lower	Upper
188	100		
94	8.1	7.1	10.7
80	8.6	7.9	11.9



#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.06 min Scan# 2036
Delta R.T. -0.01 min
Lab File: BF118169.D
Acq: 10 Dec 2019 18:06

Tgt Ion	Ratio	Lower	Upper
240	100		
120	10.7	7.1	10.7#
236	26.2	21.0	31.6





#79

Terphenyl-d14

Concen: 80.882 ng

RT: 13.00 min Scan# 1856

Delta R.T. 0.00 min

Lab File: BF118169.D

Acq: 10 Dec 2019 18:06

Instrument :

BNA_F

ClientSampleId :

48-SPRUCE

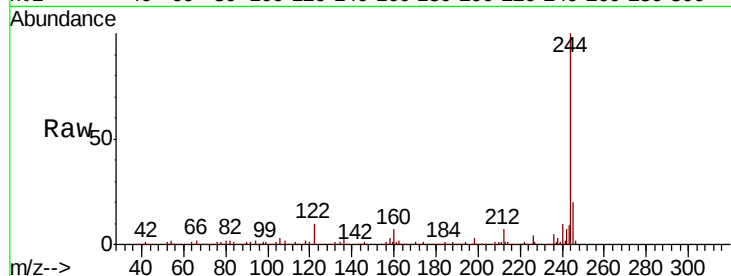
Tot Ion:244 Resp: 1134537

Ion Ratio Lower Upper

244 100

212 7.0 5.9 8.9

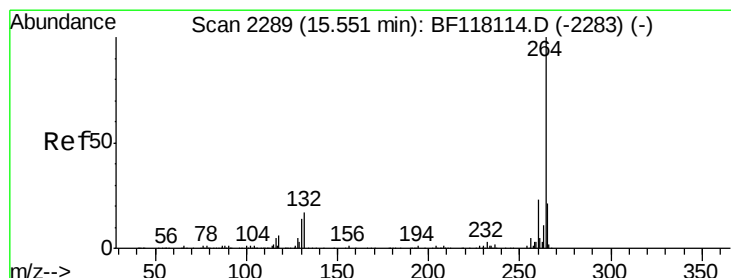
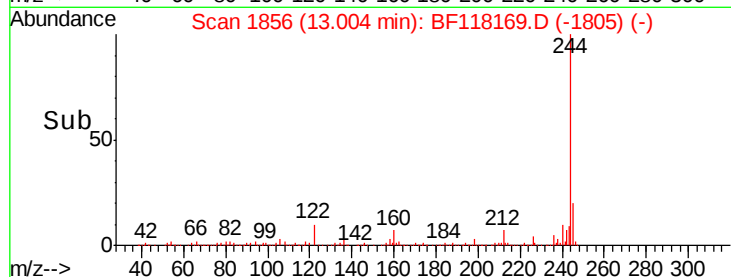
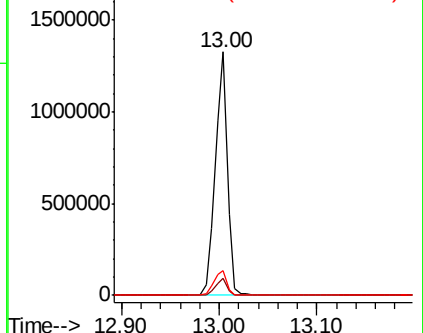
122 10.1 9.0 13.6



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: 15.56 min Scan# 2290

Delta R.T. 0.01 min

Lab File: BF118169.D

Acq: 10 Dec 2019 18:06

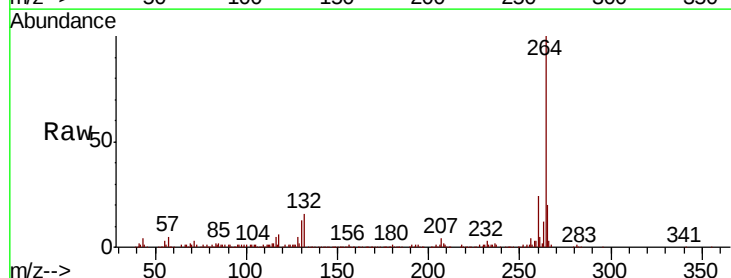
Tgt Ion:264 Resp: 220663

Ion Ratio Lower Upper

264 100

260 24.0 18.6 28.0

265 20.1 16.8 25.2



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

