

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF042320\
 Data File : BF120169.D
 Acq On : 23 Apr 2020 17:51
 Operator : MA/SJ
 Sample : L2330-17
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PA-TWP-1

Quant Time: Apr 23 18:23:15 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF040820.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Apr 23 13:31:01 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.66	152	142447	20.00	ng	0.00
21) Naphthalene-d8	7.95	136	548519	20.00	ng	0.00
39) Acenaphthene-d10	9.70	164	303801	20.00	ng	0.00
64) Phenanthrene-d10	11.18	188	608906	20.00	ng	0.00
76) Chrysene-d12	13.82	240	490127	20.00	ng	-0.01
87) Perylene-d12	15.22	264	433797	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.26	112	730779	88.66	ng	0.00
7) Phenol-d6	6.30	99	642535	60.50	ng	-0.01
23) Nitrobenzene-d5	7.23	82	987168	93.10	ng	0.00
42) 2,4,6-Tribromophenol	10.49	330	470450	126.48	ng	0.00
45) 2-Fluorobiphenyl	9.03	172	1964743	91.82	ng	0.00
79) Terphenyl-d14	12.78	244	2404104	82.54	ng	0.00

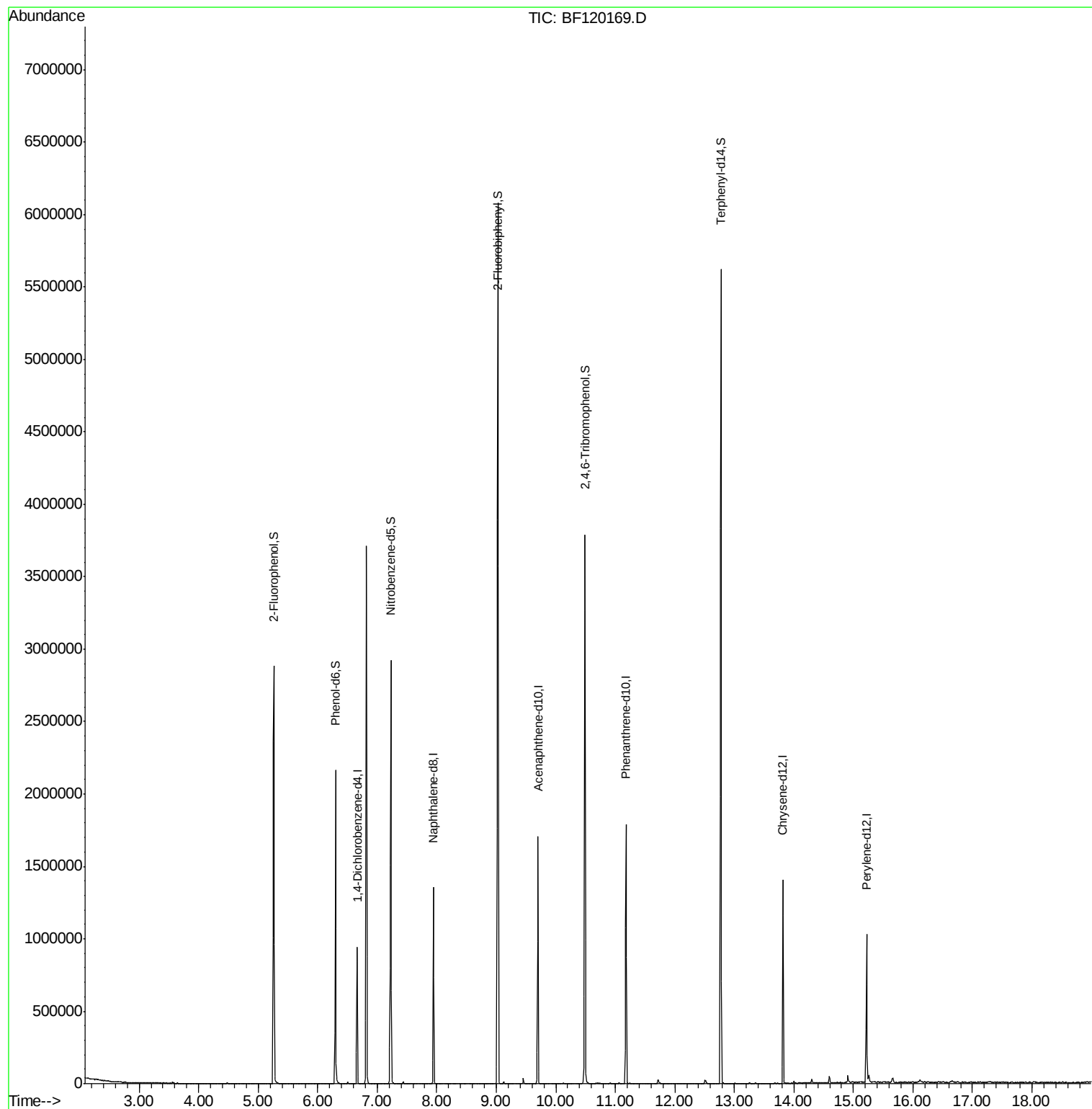
Target Compounds Qvalue

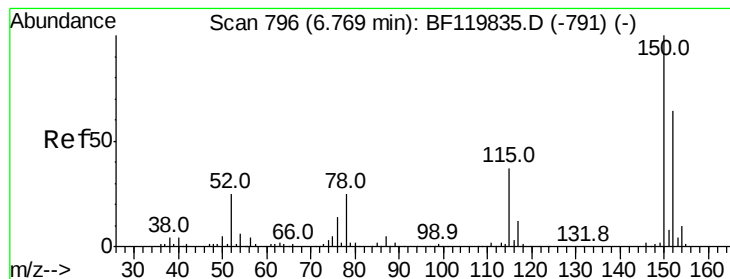
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 20.000 ng

RT: 6.66 min Scan# 778

Delta R.T. -0.00 min

Lab File: BF120169.D

Acq: 23 Apr 2020 17:51

Instrument :

BNA_F

ClientSampleId :

PA-TWP-1

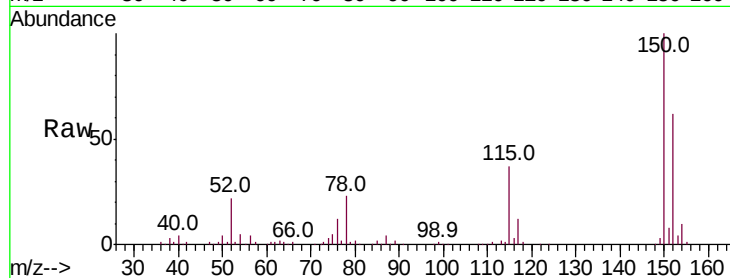
Tot Ion:152 Resp: 142447

Ion Ratio Lower Upper

152 100

150 160.0 124.5 186.7

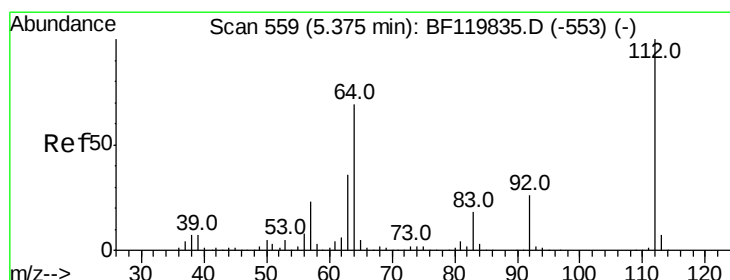
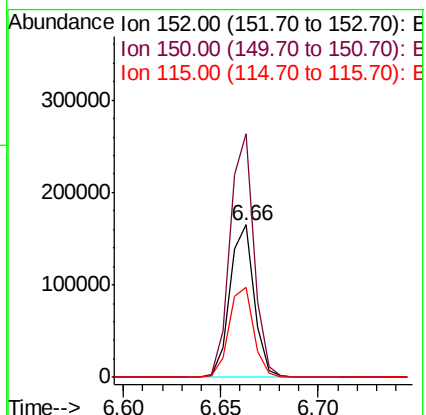
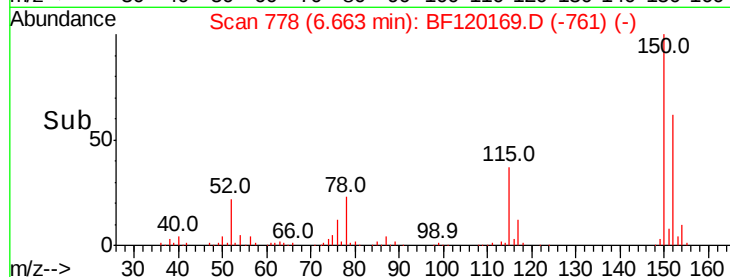
115 59.3 49.6 74.4



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: 88.659 ng

RT: 5.26 min Scan# 540

Delta R.T. -0.00 min

Lab File: BF120169.D

Acq: 23 Apr 2020 17:51

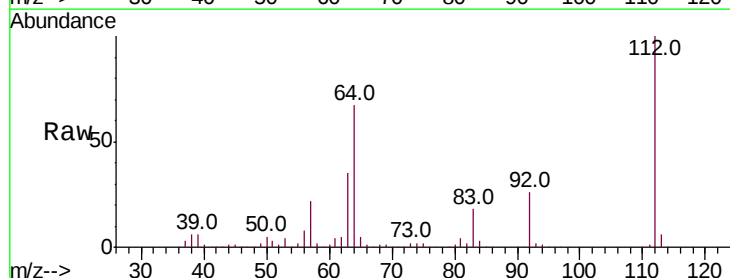
Tgt Ion:112 Resp: 730779

Ion Ratio Lower Upper

112 100

64 67.4 56.7 85.1

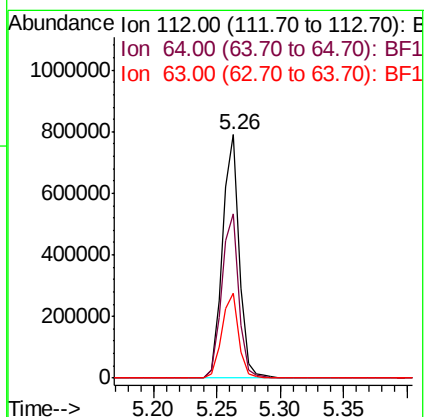
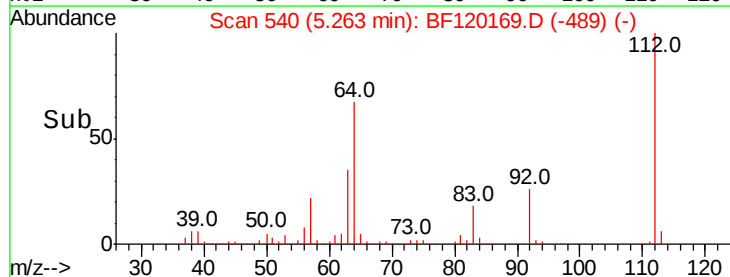
63 34.7 29.5 44.3

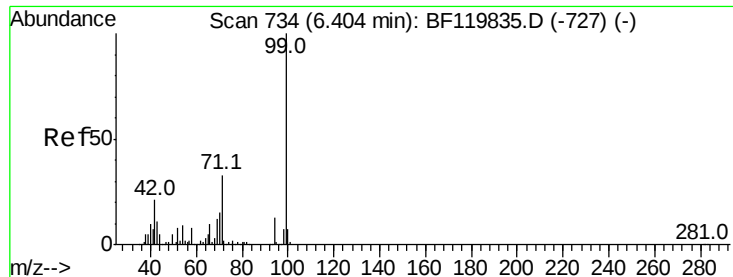


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF1

Ion 63.00 (62.70 to 63.70): BF1





#7

Phenol-d6

Concen: 60.497 ng

RT: 6.30 min Scan# 716

Delta R.T. -0.01 min

Lab File: BF120169.D

Acq: 23 Apr 2020 17:51

Instrument :

BNA_F

ClientSampled :

PA-TWP-1

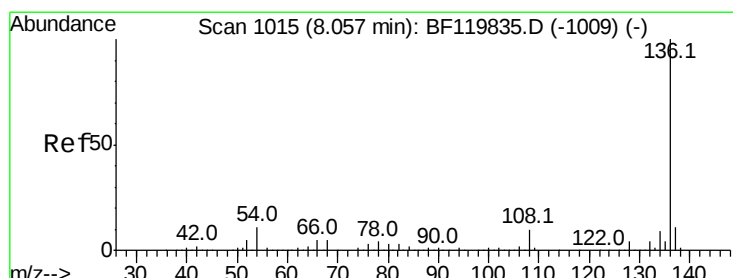
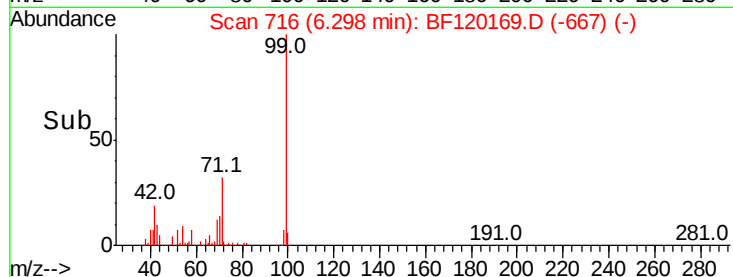
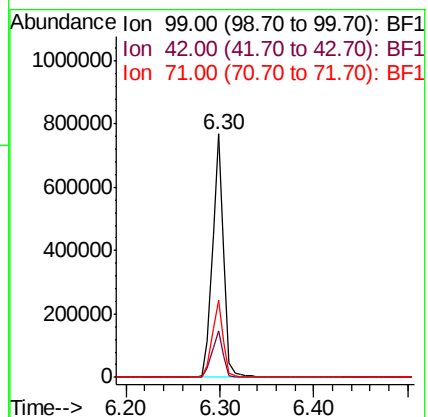
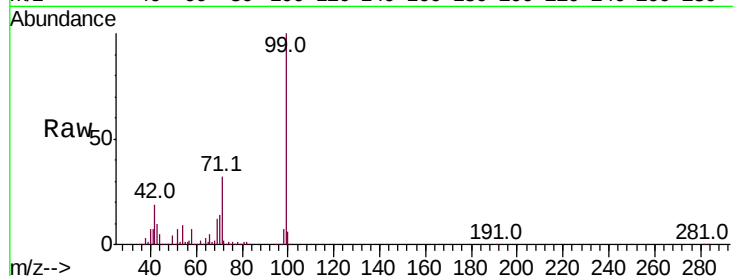
Tot Ion: 99 Resp: 642535

Ion Ratio Lower Upper

99 100

42 19.3 16.6 24.8

71 31.9 26.4 39.6



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 7.95 min Scan# 996

Delta R.T. -0.01 min

Lab File: BF120169.D

Acq: 23 Apr 2020 17:51

Tgt Ion: 136 Resp: 548519

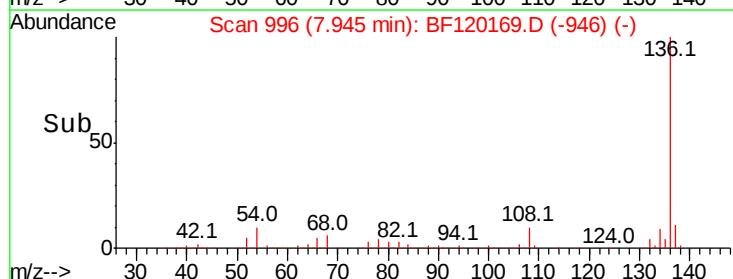
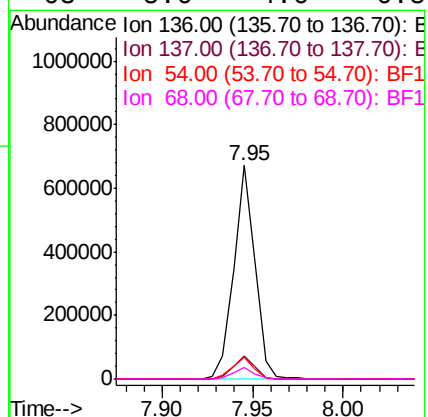
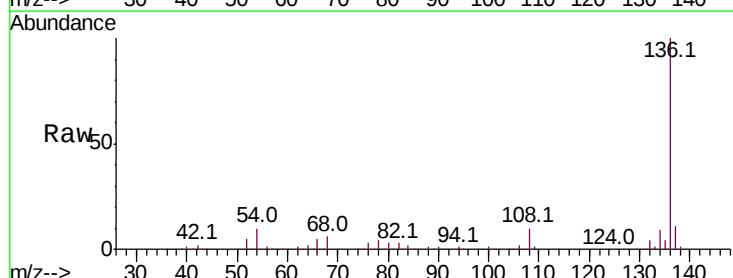
Ion Ratio Lower Upper

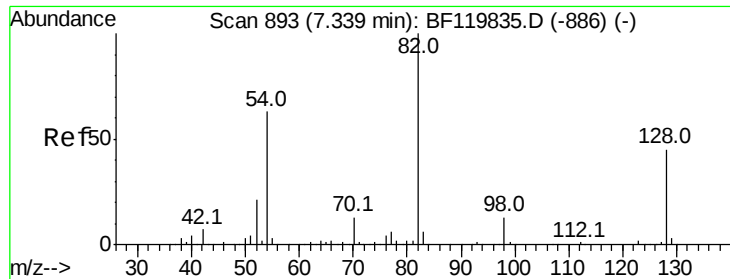
136 100

137 11.0 8.7 13.1

54 10.0 9.1 13.7

68 5.6 4.6 6.8

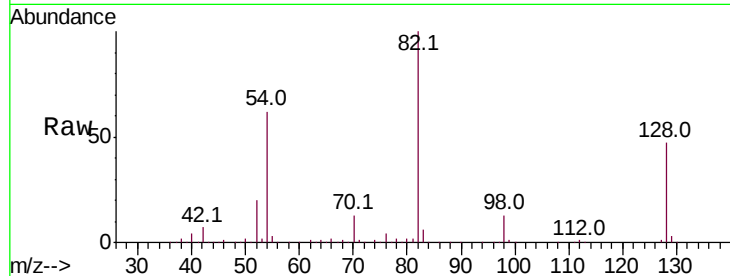




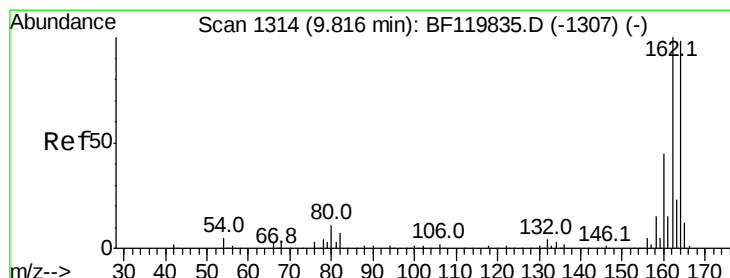
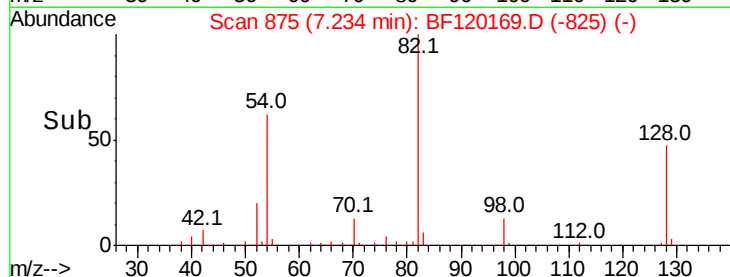
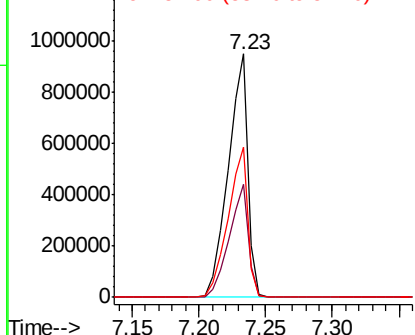
#23
 Nitrobenzene-d5
 Concen: 93.105 ng
 RT: 7.23 min Scan# 875
 Delta R.T. -0.01 min
 Lab File: BF120169.D
 Acq: 23 Apr 2020 17:51

Instrument :
 BNA_F
 ClientSampleId :
 PA-TWP-1

Tot Ion: 82 Resp: 987168
 Ion Ratio Lower Upper
 82 100
 128 46.6 36.3 54.5
 54 61.6 50.6 75.8

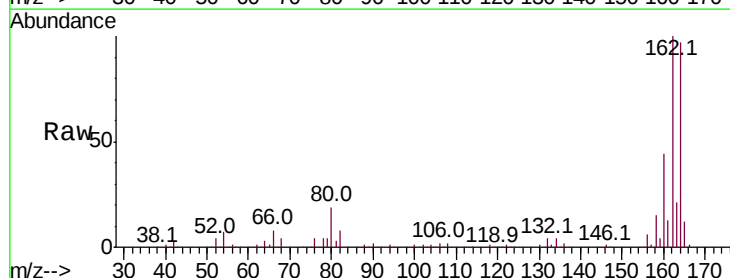


Abundance Ion 82.00 (81.70 to 82.70): BF1
 Ion 128.00 (127.70 to 128.70): BF1
 Ion 54.00 (53.70 to 54.70): BF1

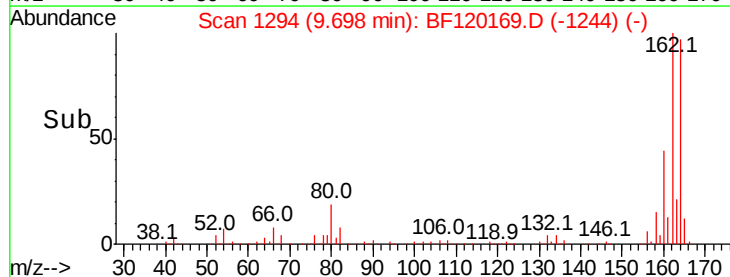
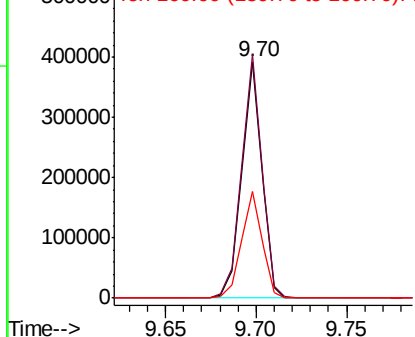


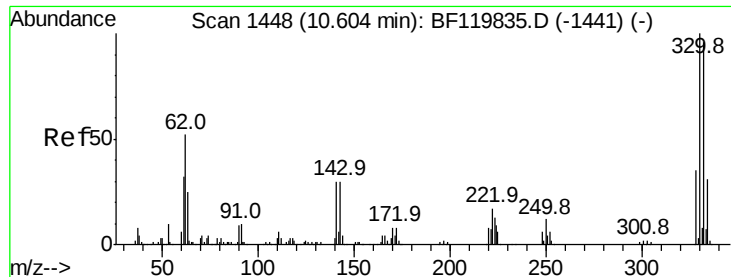
#39
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.70 min Scan# 1294
 Delta R.T. -0.01 min
 Lab File: BF120169.D
 Acq: 23 Apr 2020 17:51

Tgt Ion:164 Resp: 303801
 Ion Ratio Lower Upper
 164 100
 162 103.0 80.6 121.0
 160 44.9 35.7 53.5



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: 126.480 ng

RT: 10.49 min Scan# 1429

Delta R.T. -0.00 min

Lab File: BF120169.D

Acq: 23 Apr 2020 17:51

Instrument :

BNA_F

ClientSampleId :

PA-TWP-1

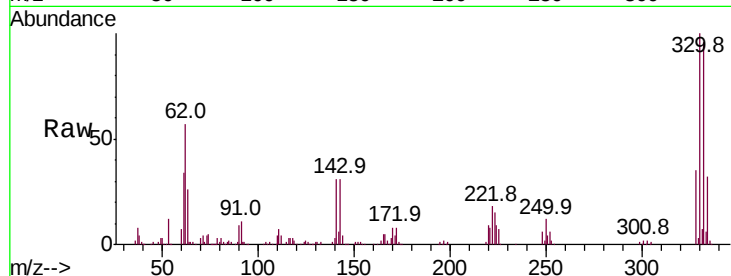
Tot Ion:330 Resp: 470450

Ion Ratio Lower Upper

330 100

332 95.8 75.7 113.5

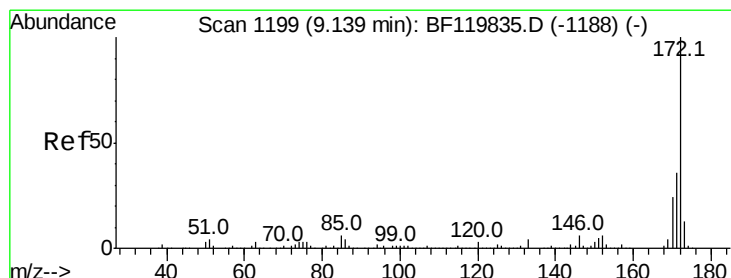
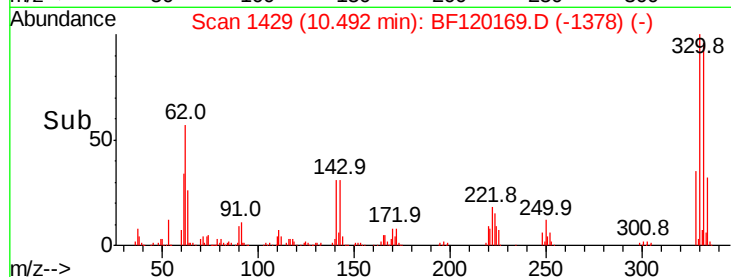
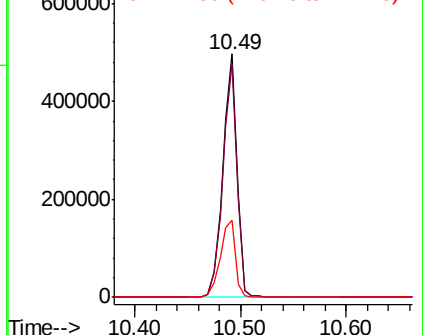
141 33.7 25.4 38.0



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: 91.820 ng

RT: 9.03 min Scan# 1180

Delta R.T. -0.01 min

Lab File: BF120169.D

Acq: 23 Apr 2020 17:51

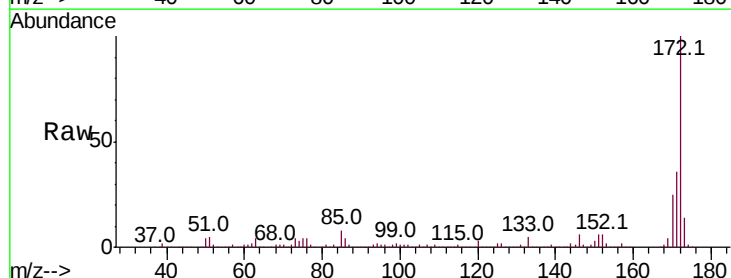
Tgt Ion:172 Resp: 1964743

Ion Ratio Lower Upper

172 100

171 36.0 29.6 44.4

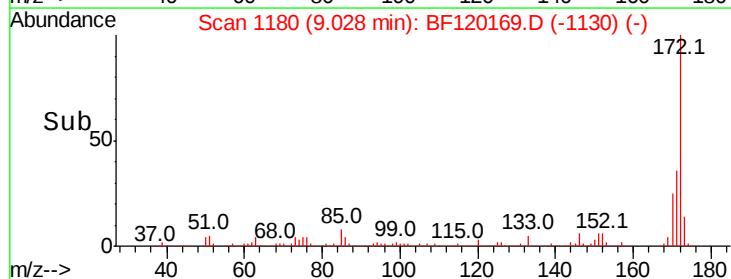
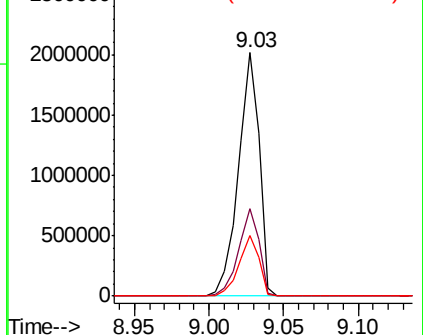
170 24.8 20.2 30.2

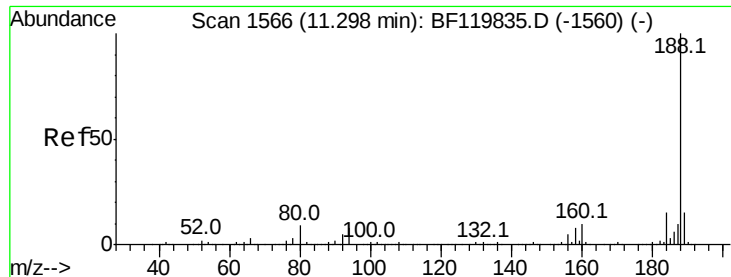


Abundance Ion 172.00 (171.70 to 172.70): E

Ion 171.00 (170.70 to 171.70): E

Ion 170.00 (169.70 to 170.70): E

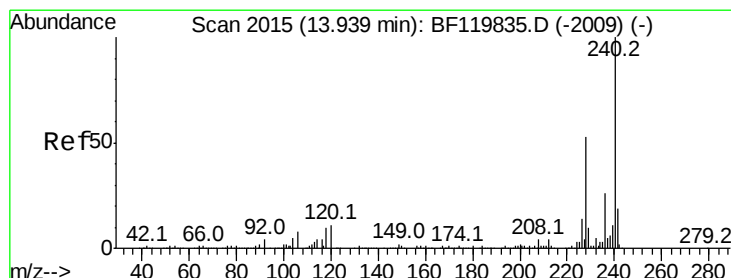
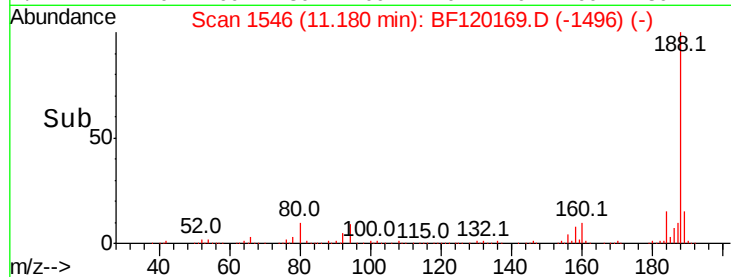
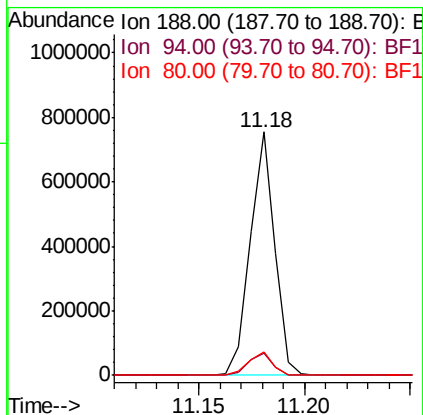
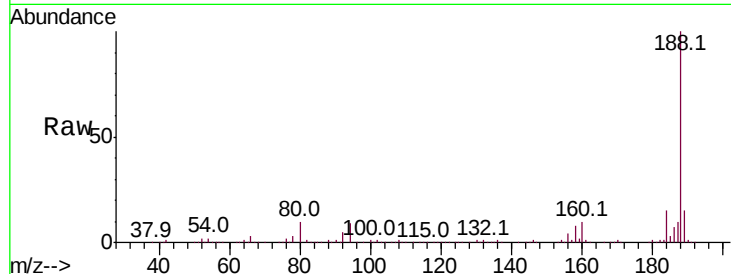




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.18 min Scan# 1546
Delta R.T. -0.01 min
Lab File: BF120169.D
Acq: 23 Apr 2020 17:51

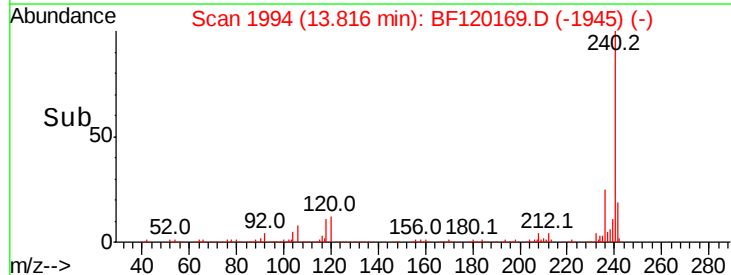
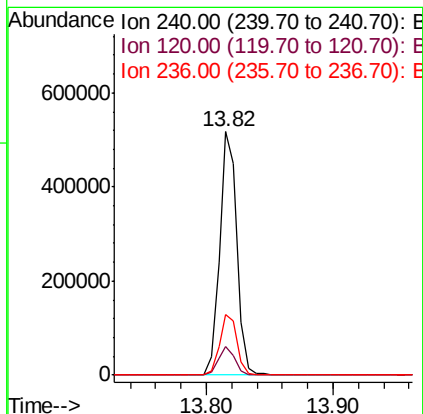
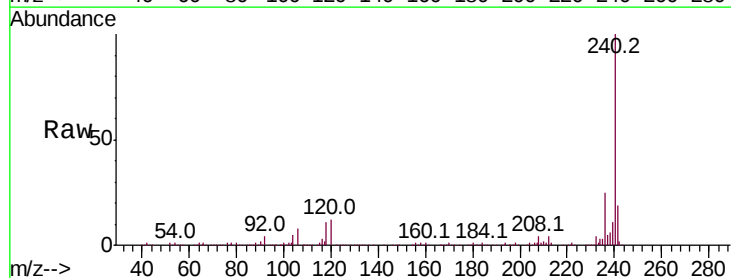
Instrument :
BNA_F
ClientSampleId :
PA-TWP-1

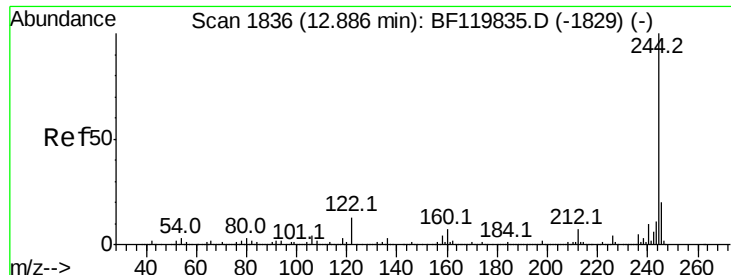
Tot Ion	Ratio	Lower	Upper
188	100		
94	8.9	7.5	11.3
80	9.8	9.0	13.4



#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.82 min Scan# 1994
Delta R.T. -0.01 min
Lab File: BF120169.D
Acq: 23 Apr 2020 17:51

Tgt Ion	Ratio	Lower	Upper
240	100		
120	11.9	10.6	15.8
236	25.1	20.2	30.2





#79

Terphenyl-d14

Concen: 82.535 ng

RT: 12.78 min Scan# 1818

Delta R.T. 0.01 min

Lab File: BF120169.D

Acq: 23 Apr 2020 17:51

Instrument :

BNA_F

ClientSampleId :

PA-TWP-1

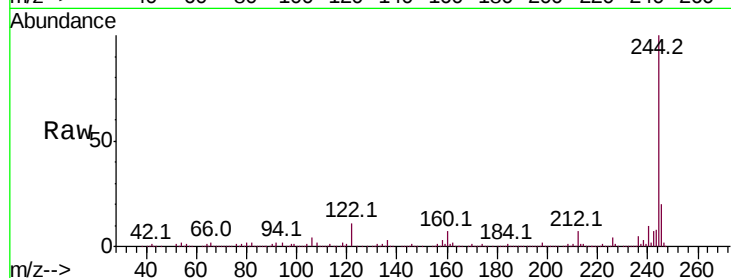
Tot Ion:244 Resp: 2404104

Ion Ratio Lower Upper

244 100

212 6.9 5.8 8.8

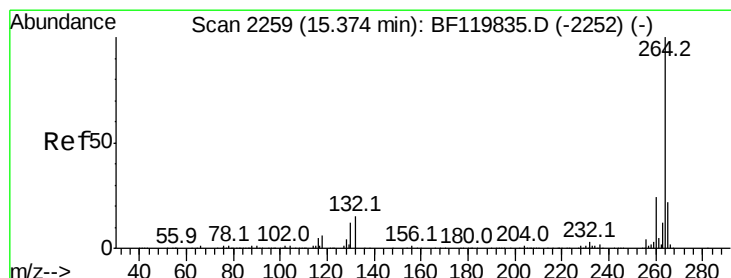
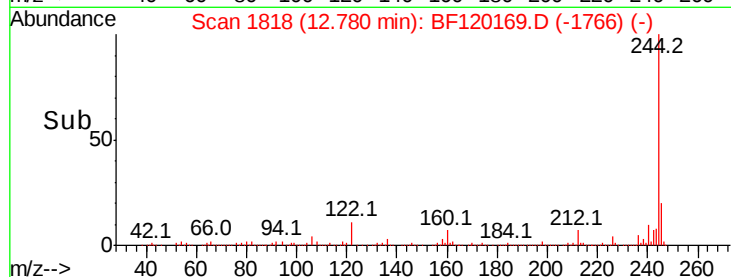
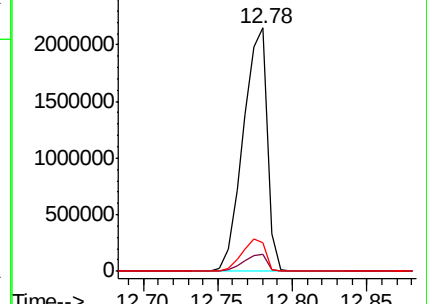
122 11.5 10.3 15.5



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: 15.22 min Scan# 2233

Delta R.T. -0.01 min

Lab File: BF120169.D

Acq: 23 Apr 2020 17:51

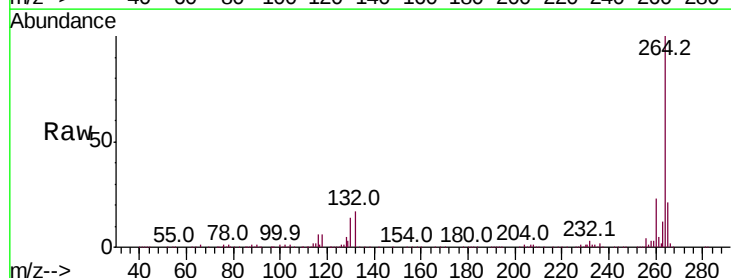
Tgt Ion:264 Resp: 433797

Ion Ratio Lower Upper

264 100

260 23.2 18.7 28.1

265 21.4 17.7 26.5



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

