

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF032620\
 Data File : BF119535.D
 Acq On : 26 Mar 2020 17:56
 Operator : CG/JU
 Sample : PB127833BL
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB127833BL

Quant Time: Mar 26 18:32:13 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF031820.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Mar 26 16:30:13 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.83	152	260612	20.00	ng	0.00
21) Naphthalene-d8	8.12	136	978979	20.00	ng	0.00
39) Acenaphthene-d10	9.88	164	529776	20.00	ng	0.00
64) Phenanthrene-d10	11.37	188	1063156	20.00	ng	0.00
76) Chrysene-d12	14.01	240	891668	20.00	ng	0.00
87) Perylene-d12	15.48	264	892314	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.45	112	1539610	94.04	ng	0.01
7) Phenol-d6	6.46	99	1920201	91.82	ng	0.00
23) Nitrobenzene-d5	7.39	82	1204248	66.85	ng	-0.01
42) 2,4,6-Tribromophenol	10.67	330	594100	108.70	ng	0.00
45) 2-Fluorobiphenyl	9.20	172	2330837	65.18	ng	0.00
79) Terphenyl-d14	12.96	244	2886483	63.42	ng	0.00

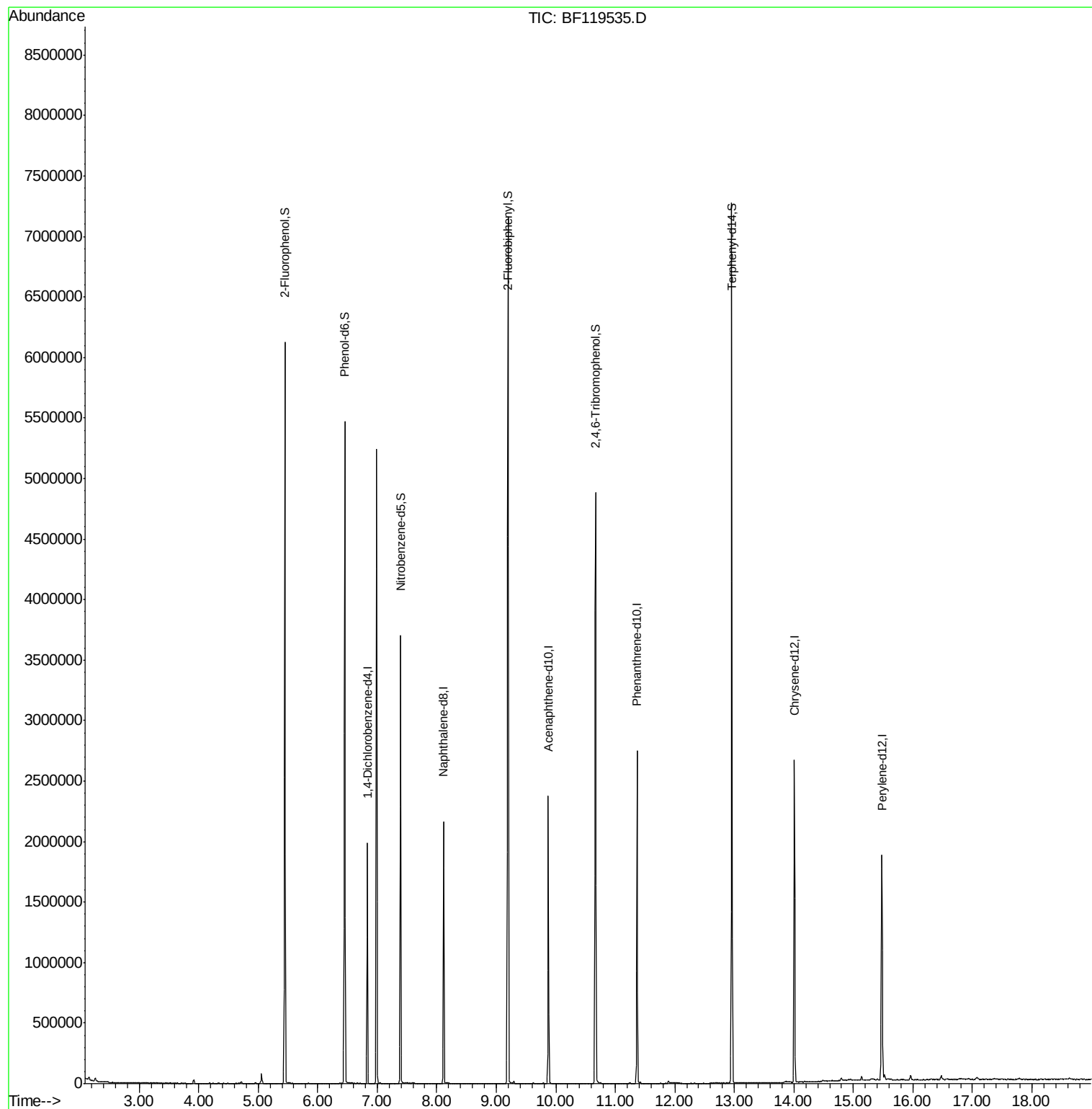
Target Compounds Qvalue

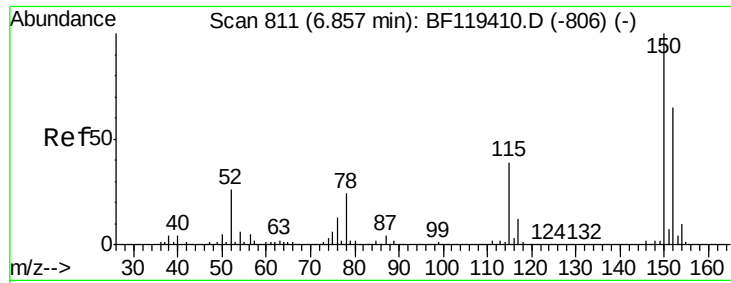
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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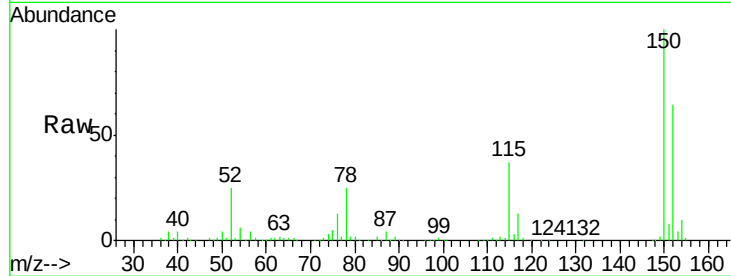


#1

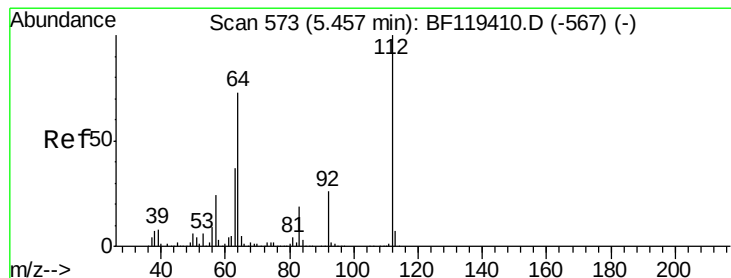
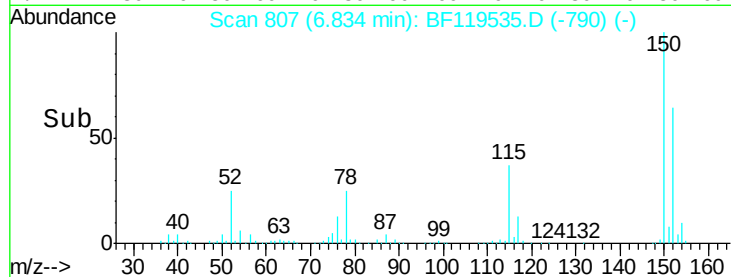
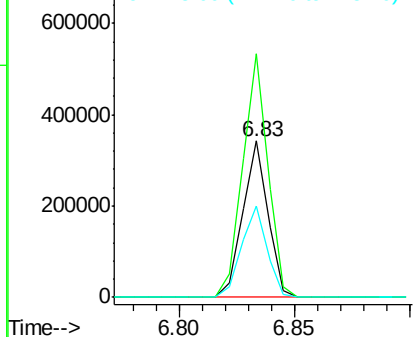
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.83 min Scan# 807
Delta R.T. -0.00 min
Lab File: BF119535.D
Acq: 26 Mar 2020 17:56

Instrument :
BNA_F
ClientSampleId :
PB127833BL

Tot Ion:152 Resp: 260612
Ion Ratio Lower Upper
152 100
150 156.0 123.9 185.9
115 58.4 47.8 71.6



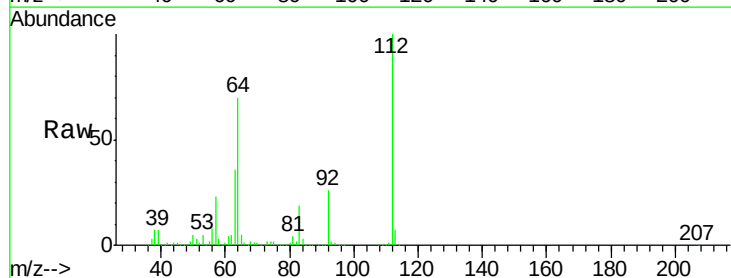
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



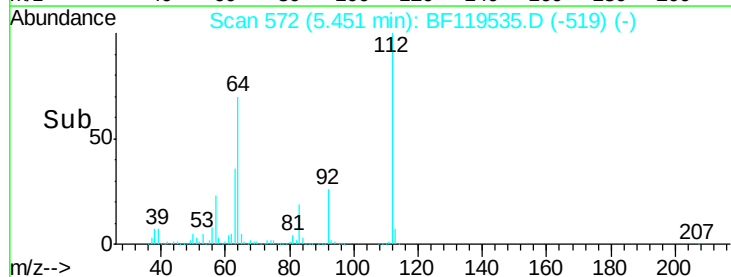
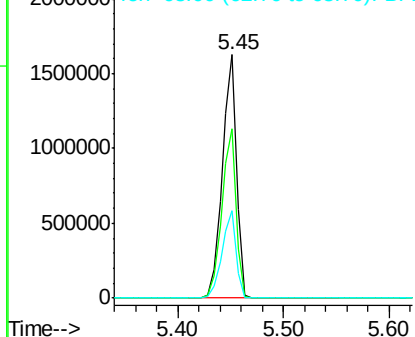
#5

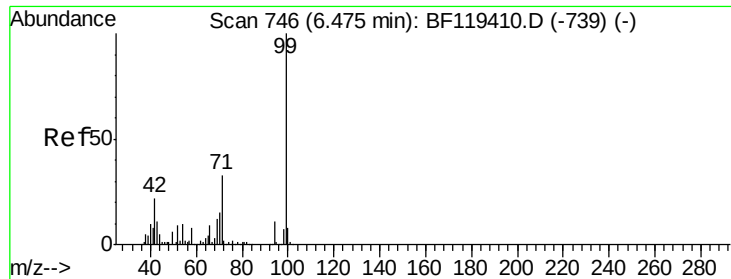
2-Fluorophenol
Concen: 94.045 ng
RT: 5.45 min Scan# 572
Delta R.T. 0.01 min
Lab File: BF119535.D
Acq: 26 Mar 2020 17:56

Tgt Ion:112 Resp: 1539610
Ion Ratio Lower Upper
112 100
64 69.8 58.1 87.1
63 36.0 29.7 44.5



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: 91.819 ng

RT: 6.46 min Scan# 743

Delta R.T. -0.01 min

Lab File: BF119535.D

Acq: 26 Mar 2020 17:56

Instrument :

BNA_F

ClientSampleId :

PB127833BL

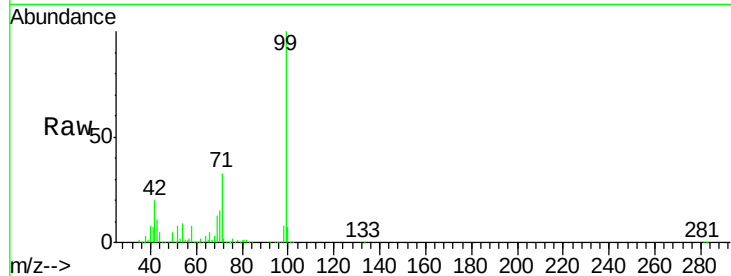
Tot Ion: 99 Resp: 1920201

Ion Ratio Lower Upper

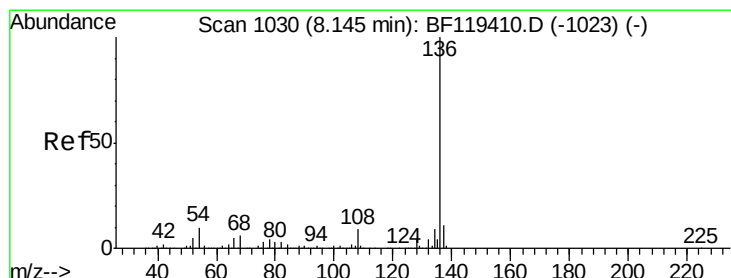
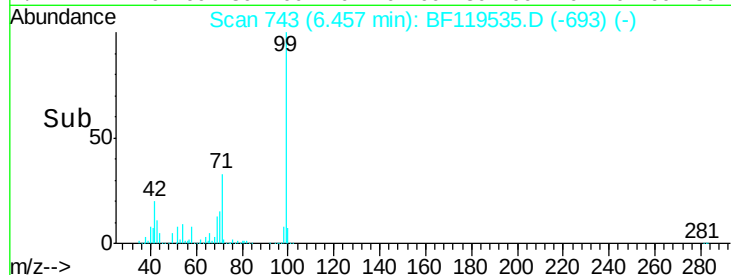
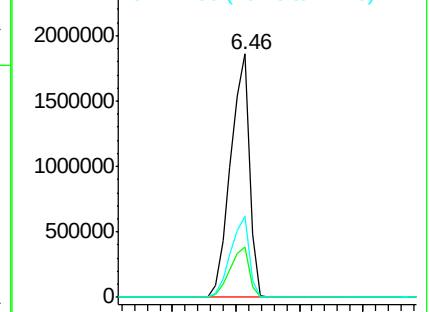
99 100

42 20.4 17.8 26.6

71 33.4 26.0 39.0



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: 8.12 min Scan# 1025

Delta R.T. -0.01 min

Lab File: BF119535.D

Acq: 26 Mar 2020 17:56

Tgt Ion: 136 Resp: 978979

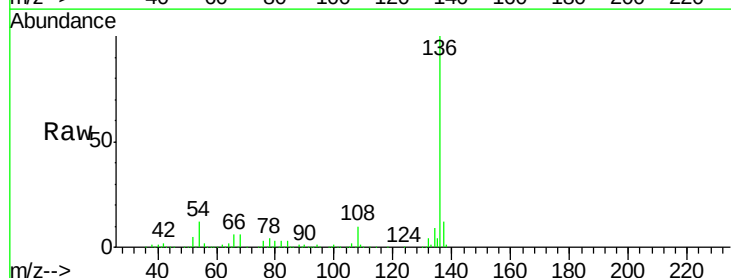
Ion Ratio Lower Upper

136 100

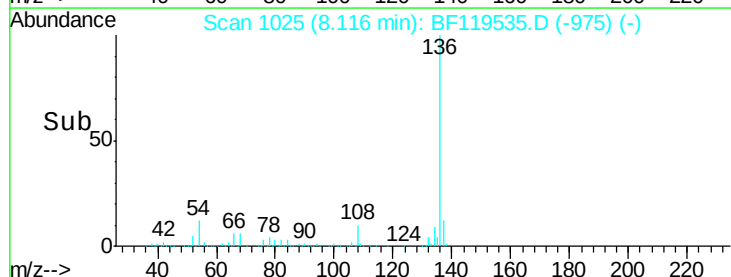
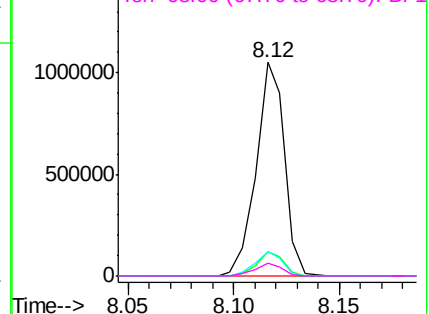
137 11.6 8.4 12.6

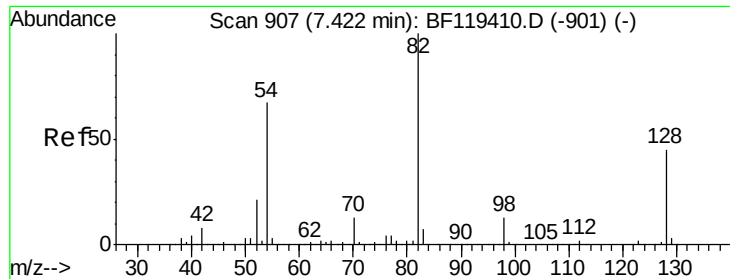
54 11.6 8.3 12.5

68 6.2 4.9 7.3



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

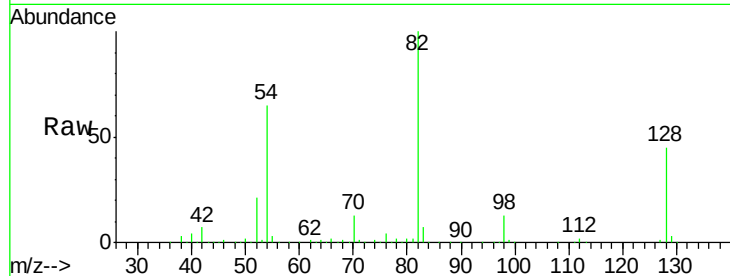




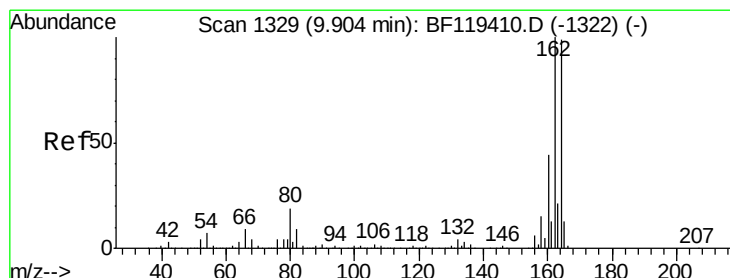
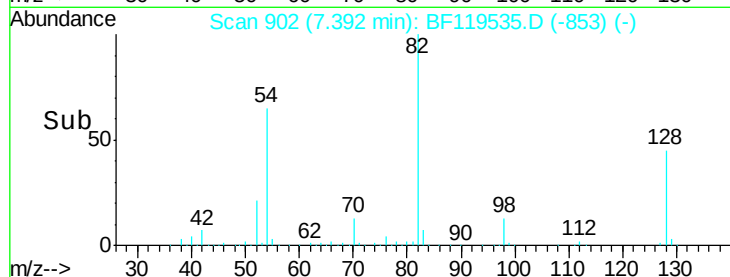
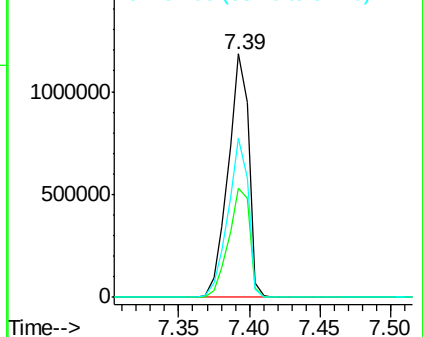
#23
Nitrobenzene-d5
Concen: 66.854 ng
RT: 7.39 min Scan# 902
Delta R.T. -0.01 min
Lab File: BF119535.D
Acq: 26 Mar 2020 17:56

Instrument :
BNA_F
ClientSampleId :
PB127833BL

Tot Ion: 82 Resp: 1204248
Ion Ratio Lower Upper
82 100
128 44.9 35.8 53.8
54 65.5 53.4 80.0

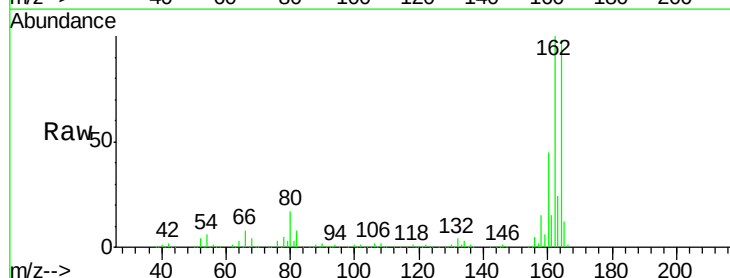


Abundance Ion 82.00 (81.70 to 82.70): BF1
Ion 128.00 (127.70 to 128.70): BF1
Ion 54.00 (53.70 to 54.70): BF1

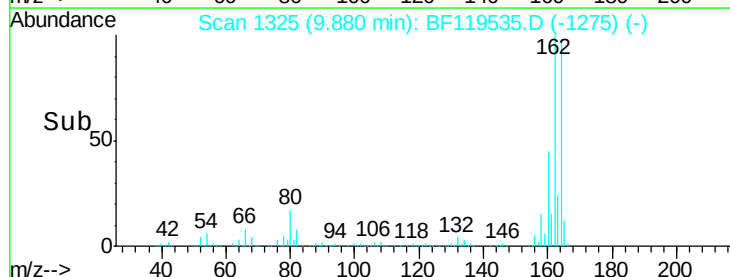
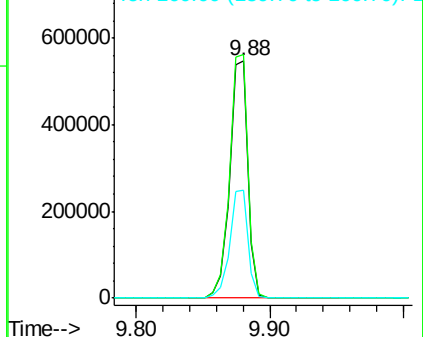


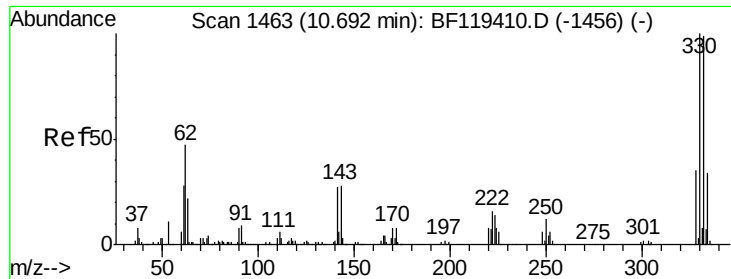
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.88 min Scan# 1325
Delta R.T. -0.01 min
Lab File: BF119535.D
Acq: 26 Mar 2020 17:56

Tgt Ion: 164 Resp: 529776
Ion Ratio Lower Upper
164 100
162 102.4 80.7 121.1
160 45.6 35.5 53.3



Abundance Ion 164.00 (163.70 to 164.70): BF1
Ion 162.00 (161.70 to 162.70): BF1
Ion 160.00 (159.70 to 160.70): BF1





#42

2,4,6-Tribromophenol

Concen: 108.700 ng

RT: 10.67 min Scan# 1459

Delta R.T. -0.01 min

Lab File: BF119535.D

Acq: 26 Mar 2020 17:56

Instrument :

BNA_F

ClientSampleId :

PB127833BL

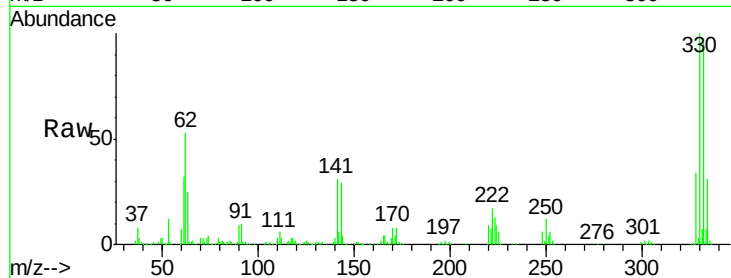
Tot Ion:330 Resp: 594100

Ion Ratio Lower Upper

330 100

332 95.5 77.6 116.4

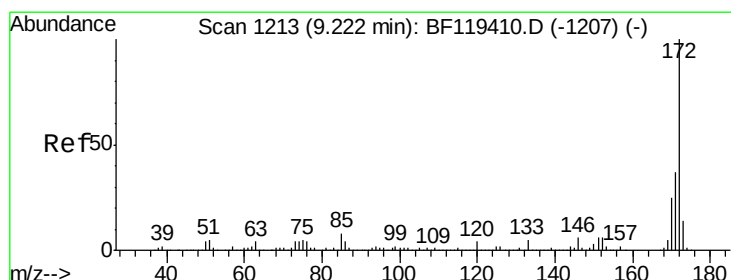
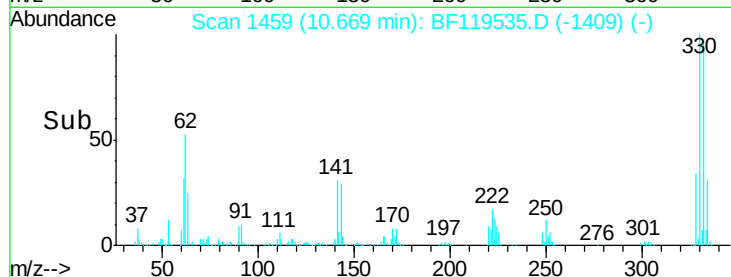
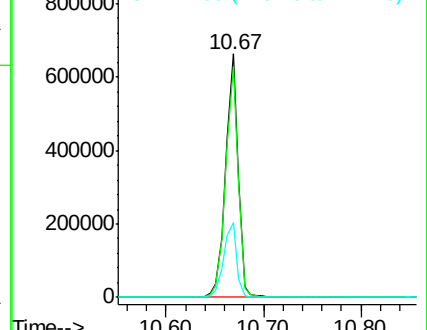
141 31.6 26.6 40.0



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: 65.180 ng

RT: 9.20 min Scan# 1209

Delta R.T. -0.01 min

Lab File: BF119535.D

Acq: 26 Mar 2020 17:56

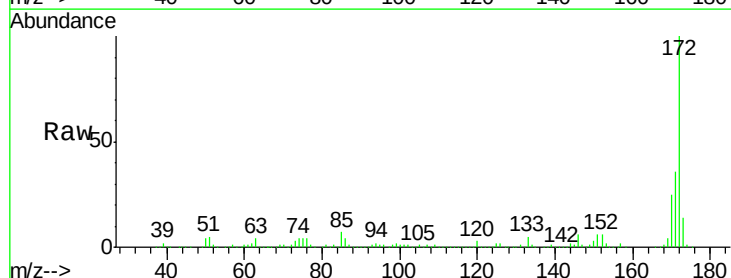
Tgt Ion:172 Resp: 2330837

Ion Ratio Lower Upper

172 100

171 35.9 29.9 44.9

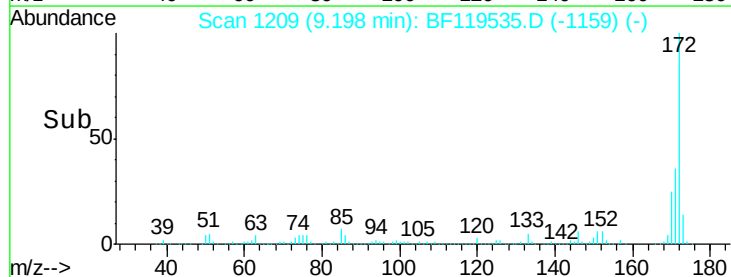
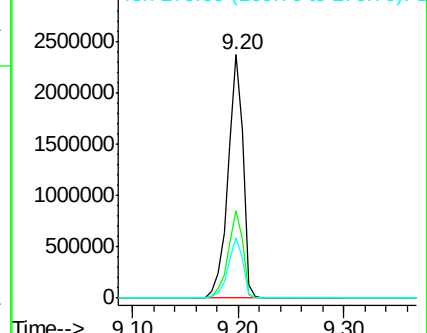
170 24.8 20.1 30.1

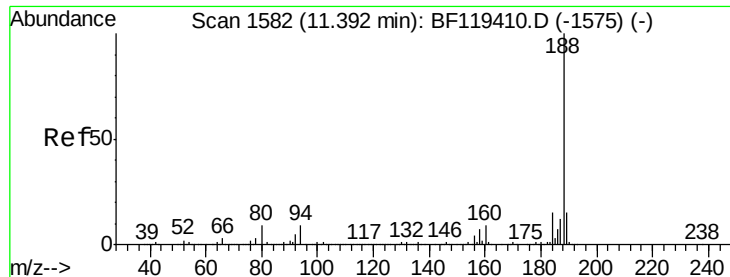


Abundance Ion 172.00 (171.70 to 172.70): E

Ion 171.00 (170.70 to 171.70): E

Ion 170.00 (169.70 to 170.70): E

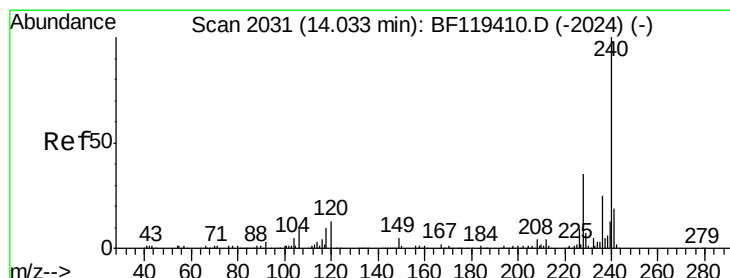
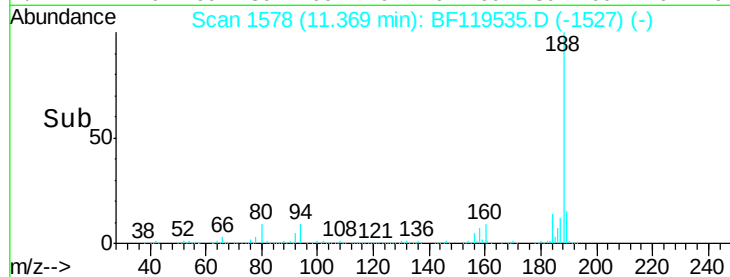
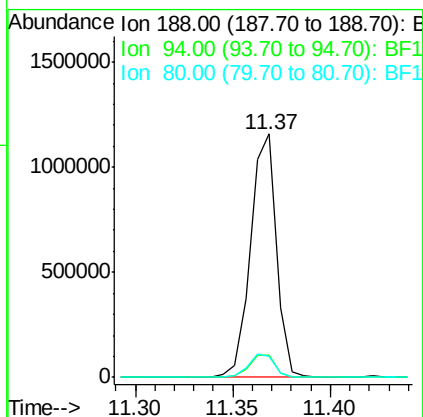
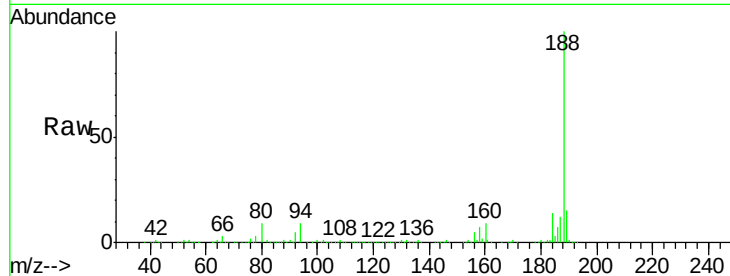




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.37 min Scan# 1578
Delta R.T. -0.00 min
Lab File: BF119535.D
Acq: 26 Mar 2020 17:56

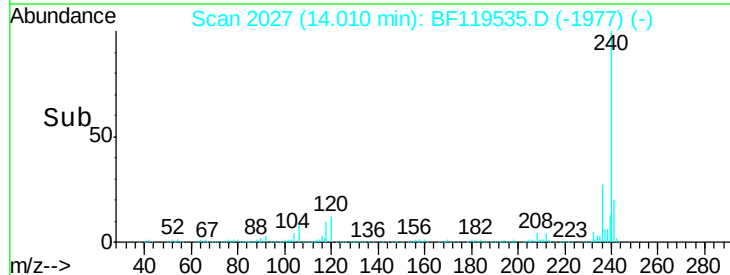
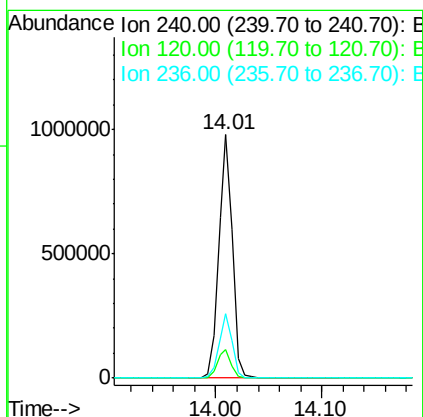
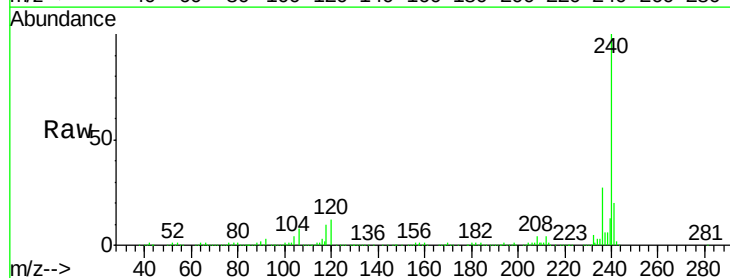
Instrument :
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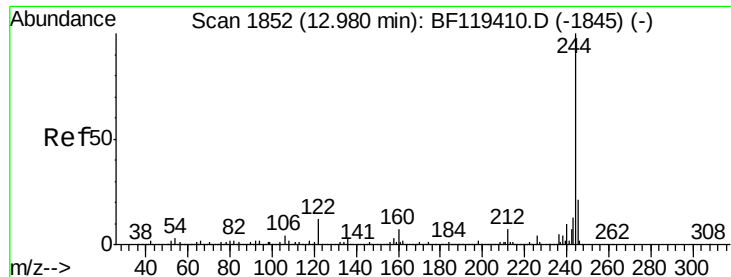
Tot Ion:188 Resp: 1063156
Ion Ratio Lower Upper
188 100
94 8.9 7.1 10.7
80 8.8 7.5 11.3



#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.01 min Scan# 2027
Delta R.T. -0.01 min
Lab File: BF119535.D
Acq: 26 Mar 2020 17:56

Tgt Ion:240 Resp: 891668
Ion Ratio Lower Upper
240 100
120 11.8 10.2 15.4
236 26.6 20.4 30.6





#79

Terphenyl-d14

Concen: 63.423 ng

RT: 12.96 min Scan# 1849

Delta R.T. -0.00 min

Lab File: BF119535.D

Acq: 26 Mar 2020 17:56

Instrument :

BNA_F

ClientSampleId :

PB127833BL

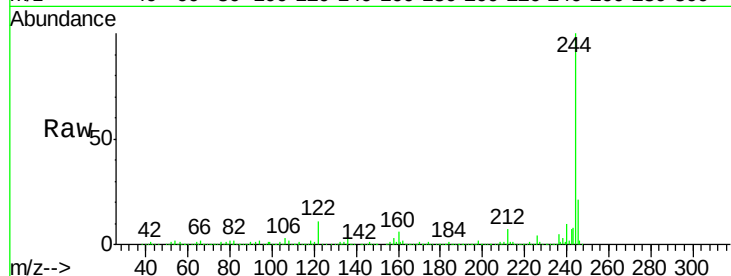
Tot Ion:244 Resp: 2886483

Ion Ratio Lower Upper

244 100

212 6.7 5.7 8.5

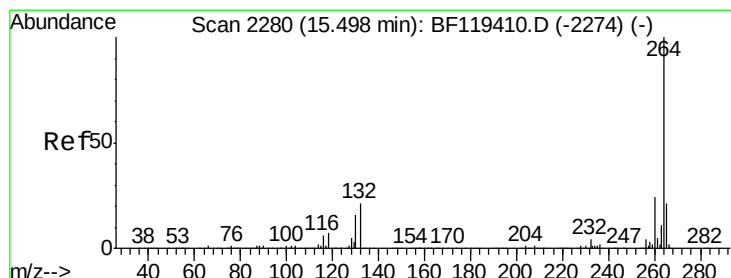
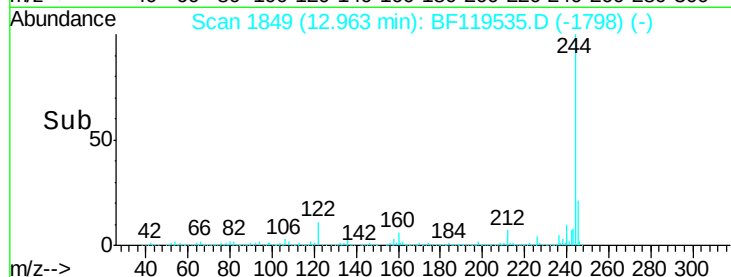
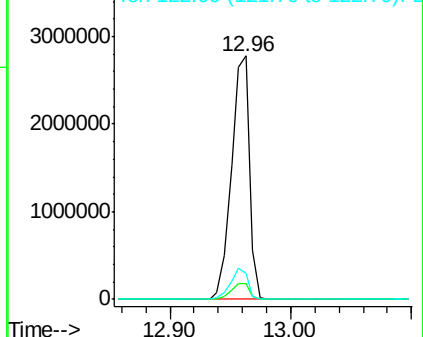
122 10.8 9.8 14.8



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: 15.48 min Scan# 2277

Delta R.T. -0.00 min

Lab File: BF119535.D

Acq: 26 Mar 2020 17:56

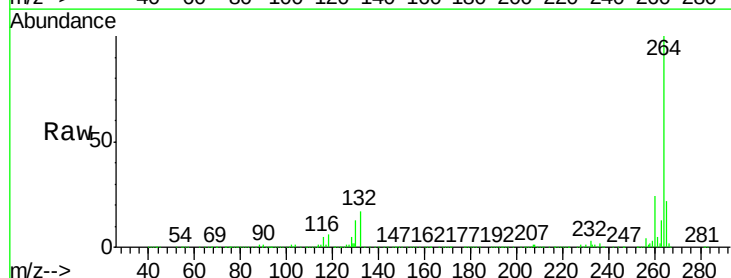
Tgt Ion:264 Resp: 892314

Ion Ratio Lower Upper

264 100

260 24.2 19.2 28.8

265 21.8 16.9 25.3



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

