

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF032520\
 Data File : BF119527.D
 Acq On : 26 Mar 2020 4:54
 Operator : CG/JU
 Sample : L1757-07 10X
 Misc :
 ALS Vial : 30 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 EO-01-032420

Quant Time: Mar 26 07:39:59 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF031820.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Mar 18 15:11:18 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.84	152	300176	20.00	ng	-0.02
21) Naphthalene-d8	8.13	136	1093554	20.00	ng	-0.02
39) Acenaphthene-d10	9.89	164	561946	20.00	ng	-0.02
64) Phenanthrene-d10	11.37	188	991190	20.00	ng	-0.02
76) Chrysene-d12	14.01	240	584965	20.00	ng	-0.02
87) Perylene-d12	15.48	264	634254	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.44	112	211454	11.21	ng	-0.02
7) Phenol-d6	6.45	99	295803	12.28	ng	-0.02
23) Nitrobenzene-d5	7.40	82	185158	9.20	ng	-0.02
42) 2,4,6-Tribromophenol	10.67	330	78360	13.52	ng	-0.02
45) 2-Fluorobiphenyl	9.20	172	379496	10.00	ng	-0.02
79) Terphenyl-d14	12.96	244	340972	11.42	ng	-0.02

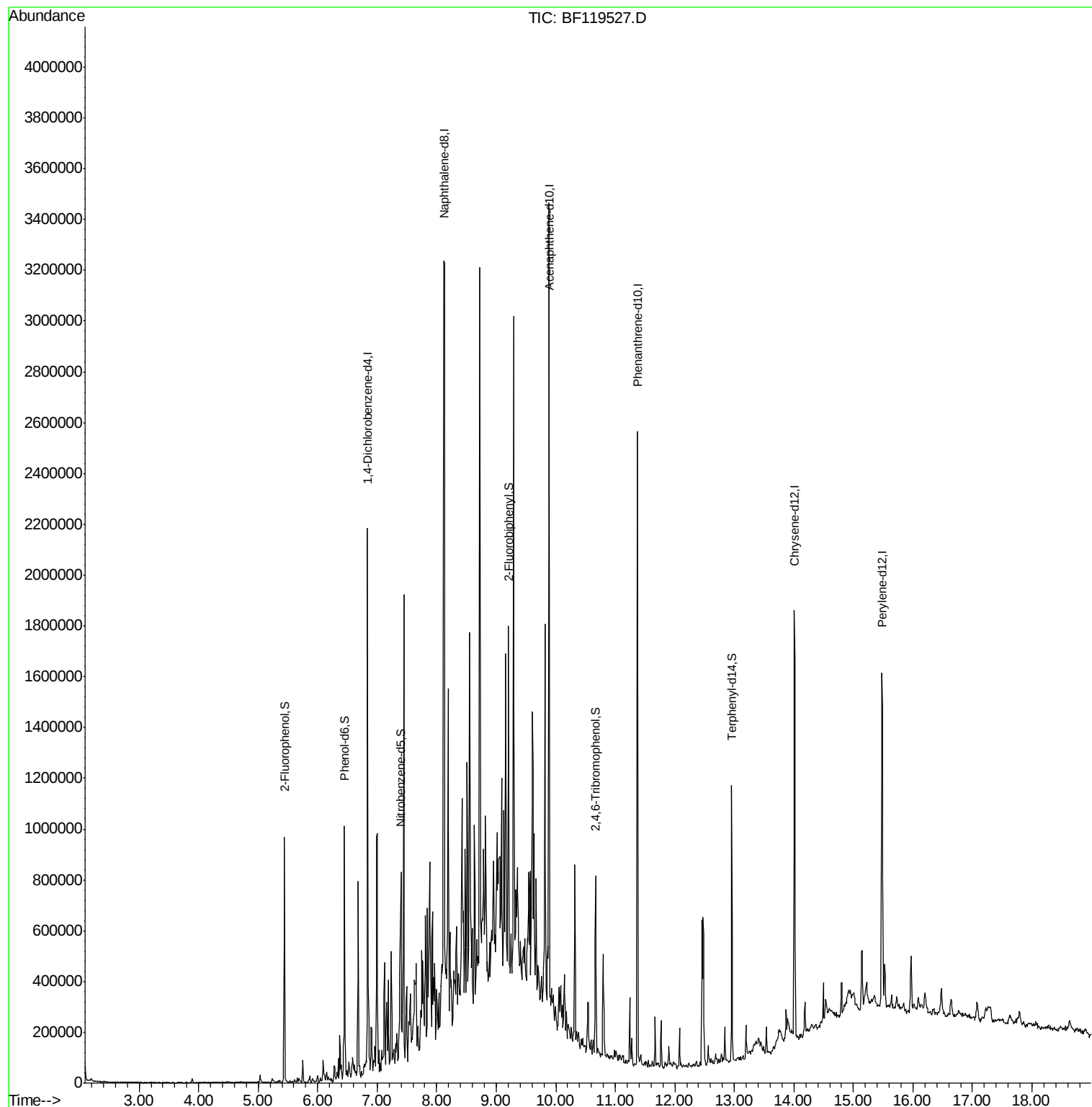
Target Compounds Qvalue

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

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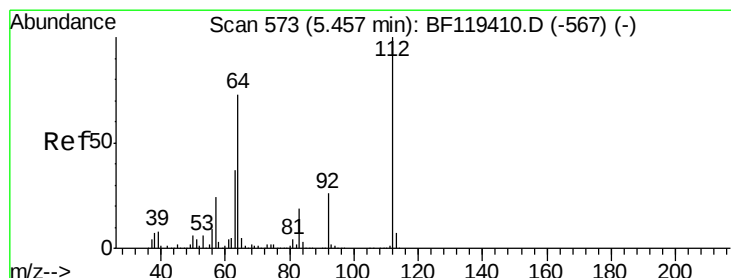
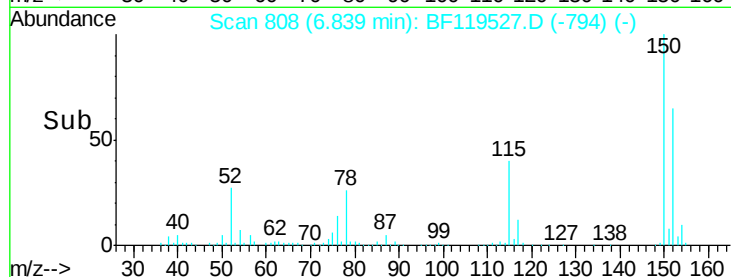
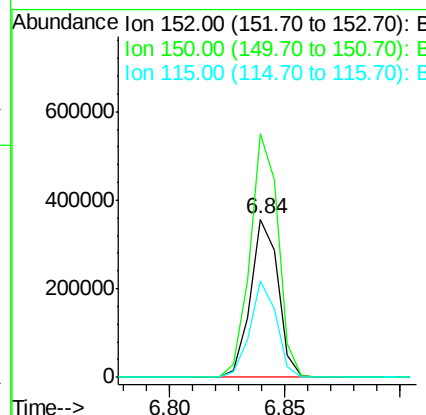
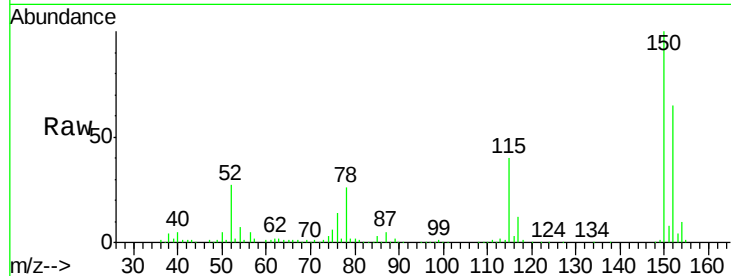




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.84 min Scan# 808
 Delta R.T. -0.02 min
 Lab File: BF119527.D
 Acq: 26 Mar 2020 4:54

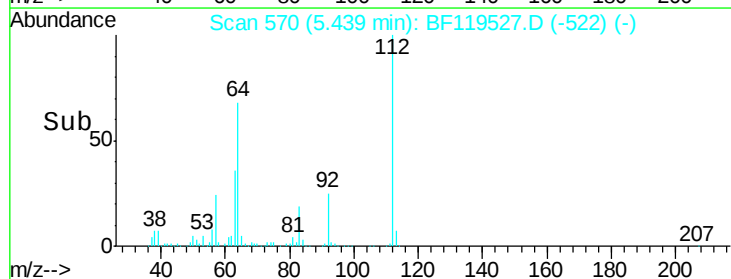
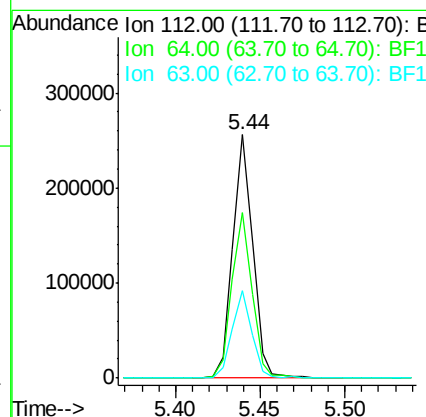
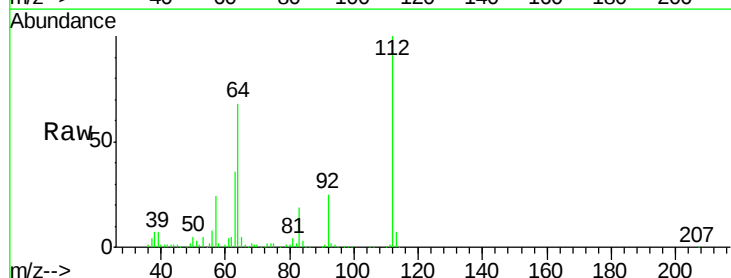
Instrument :
 BNA_F
 ClientSampleId :
 EO-01-032420

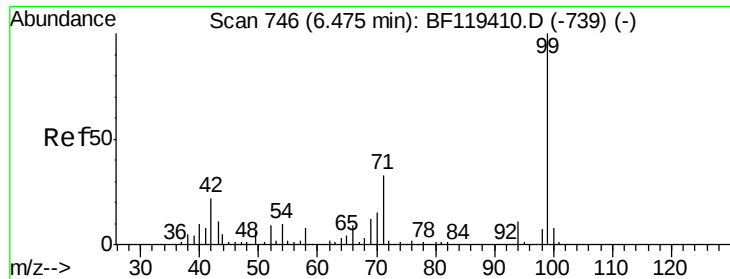
Tot Ion:152 Resp: 300176
 Ion Ratio Lower Upper
 152 100
 150 153.6 123.9 185.9
 115 60.9 47.8 71.6



#5
 2-Fluorophenol
 Concen: 11.214 ng
 RT: 5.44 min Scan# 570
 Delta R.T. -0.02 min
 Lab File: BF119527.D
 Acq: 26 Mar 2020 4:54

Tgt Ion:112 Resp: 211454
 Ion Ratio Lower Upper
 112 100
 64 68.2 58.1 87.1
 63 36.1 29.7 44.5





#7

Phenol-d6

Concen: 12.280 ng

RT: 6.45 min Scan# 742

Delta R.T. -0.02 min

Lab File: BF119527.D

Acq: 26 Mar 2020 4:54

Instrument :

BNA_F

ClientSampleId :

EO-01-032420

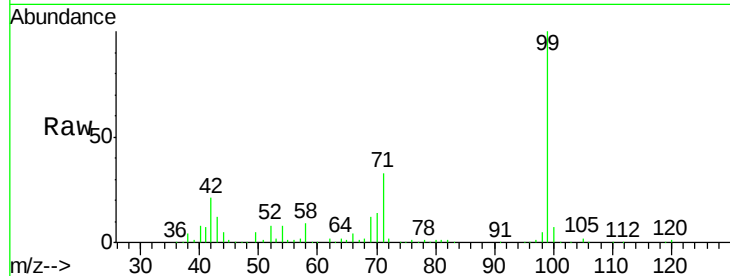
Tot Ion: 99 Resp: 295803

Ion Ratio Lower Upper

99 100

42 20.8 17.8 26.6

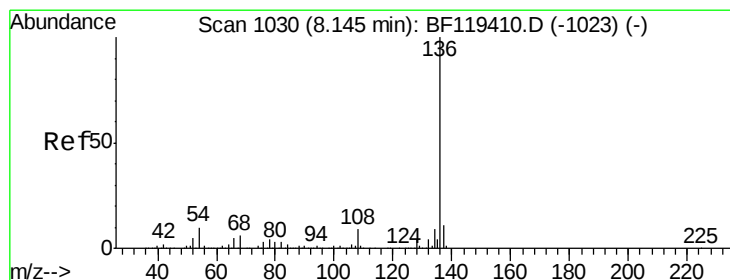
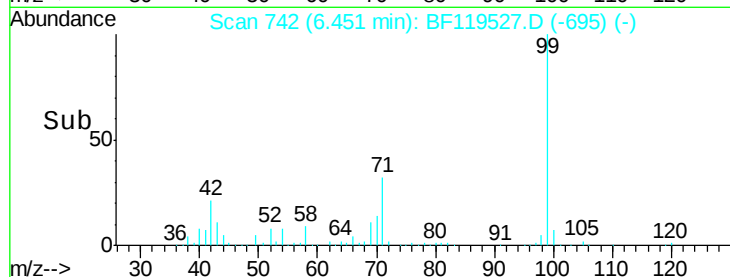
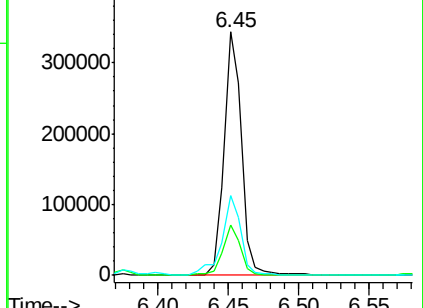
71 32.5 26.0 39.0



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: 8.13 min Scan# 1027

Delta R.T. -0.02 min

Lab File: BF119527.D

Acq: 26 Mar 2020 4:54

Tgt Ion: 136 Resp: 1093554

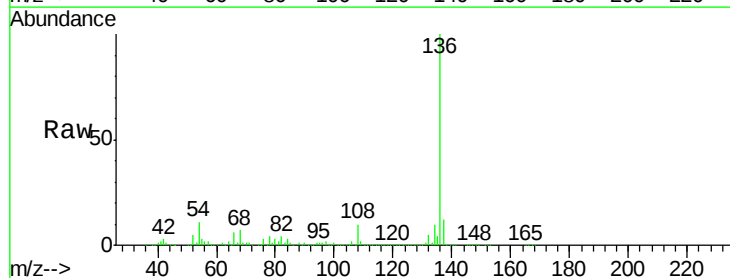
Ion Ratio Lower Upper

136 100

137 11.6 8.4 12.6

54 11.0 8.3 12.5

68 6.6 4.9 7.3

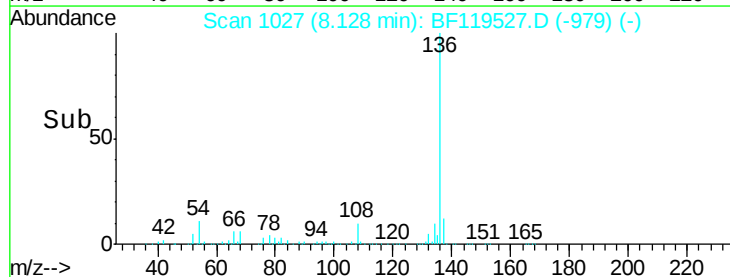
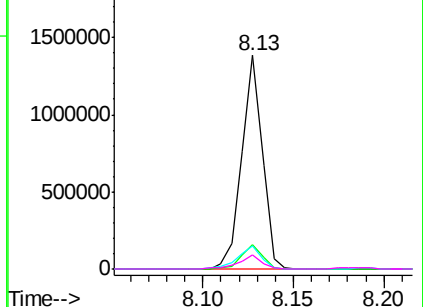


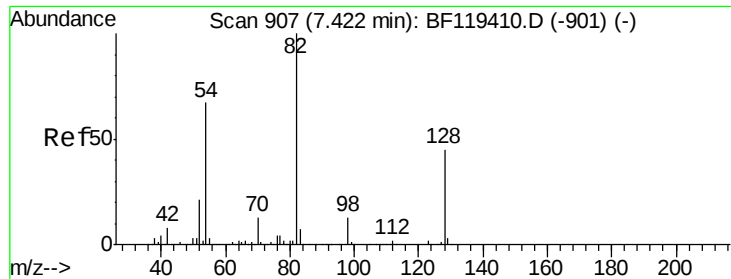
Abundance Ion 136.00 (135.70 to 136.70): E

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

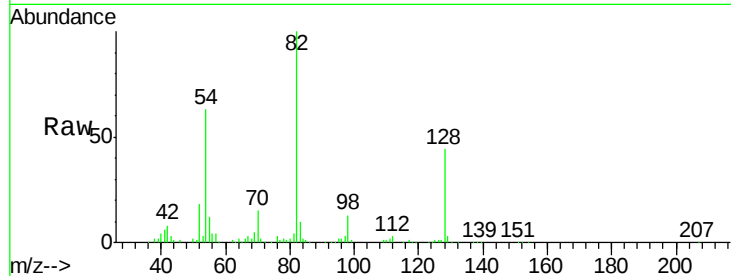




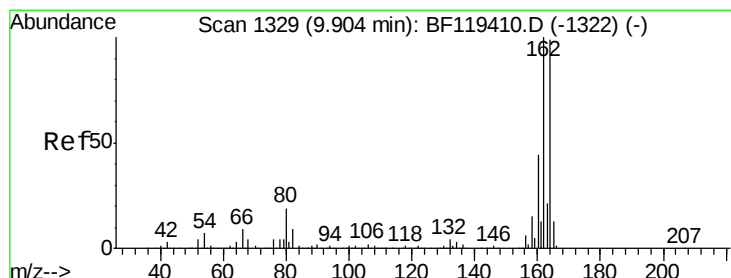
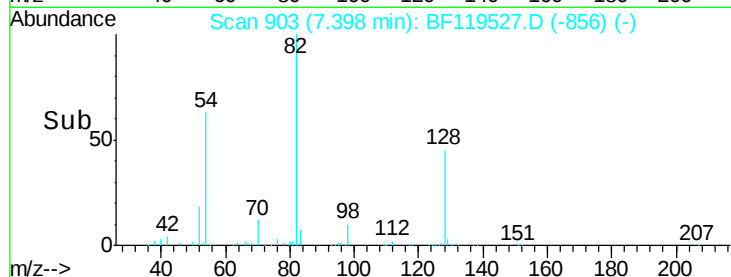
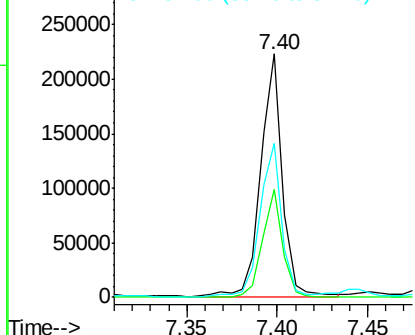
#23
Nitrobenzene-d5
Concen: 9.202 ng
RT: 7.40 min Scan# 903
Delta R.T. -0.02 min
Lab File: BF119527.D
Acq: 26 Mar 2020 4:54

Instrument :
BNA_F
ClientSampleId :
EO-01-032420

Tot Ion	82	Resp	185158
Ion Ratio	Lower	Upper	
82	100		
128	44.2	35.8	53.8
54	63.3	53.4	80.0

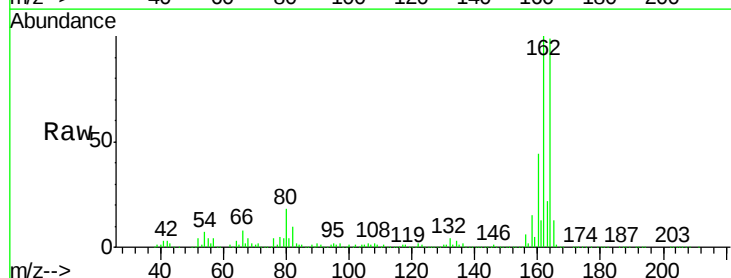


Abundance Ion 82.00 (81.70 to 82.70): BF1
Ion 128.00 (127.70 to 128.70): BF1
Ion 54.00 (53.70 to 54.70): BF1

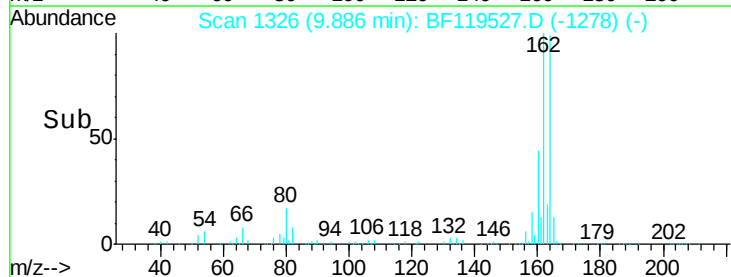
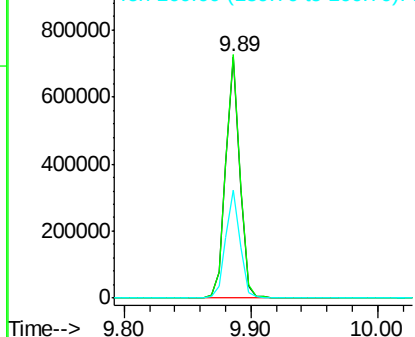


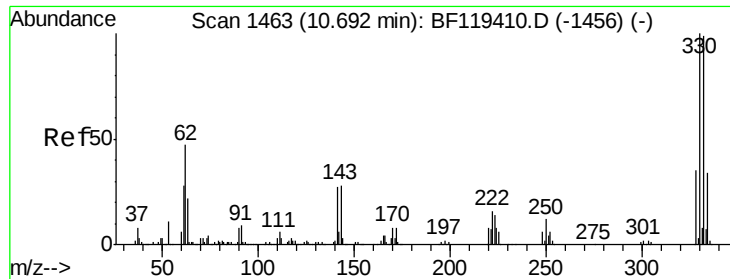
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.89 min Scan# 1326
Delta R.T. -0.02 min
Lab File: BF119527.D
Acq: 26 Mar 2020 4:54

Tgt Ion	164	Resp	561946
Ion Ratio	Lower	Upper	
164	100		
162	100.7	80.7	121.1
160	44.7	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

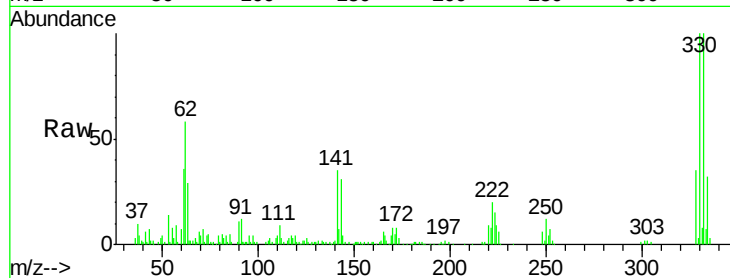




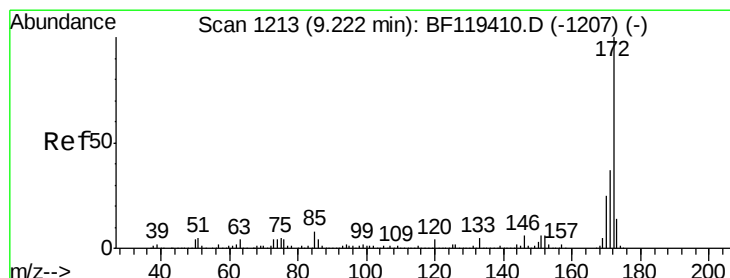
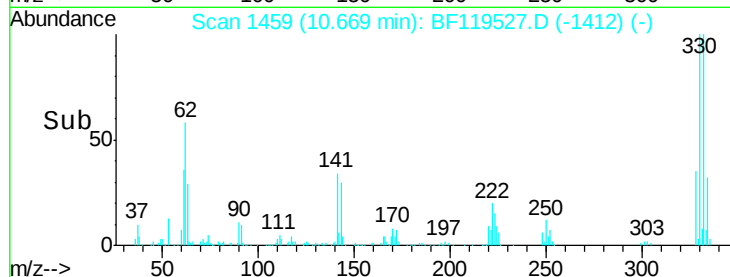
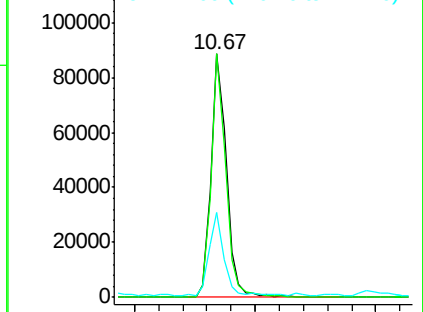
#42
 2,4,6-Tribromophenol
 Concen: 13.516 ng
 RT: 10.67 min Scan# 1459
 Delta R.T. -0.02 min
 Lab File: BF119527.D
 Acq: 26 Mar 2020 4:54

Instrument :
 BNA_F
 ClientSampleId :
 EO-01-032420

Tot Ion:330 Resp: 78360
 Ion Ratio Lower Upper
 330 100
 332 94.1 77.6 116.4
 141 32.5 26.6 40.0

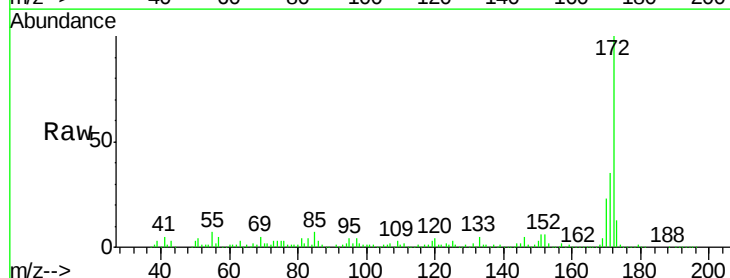


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

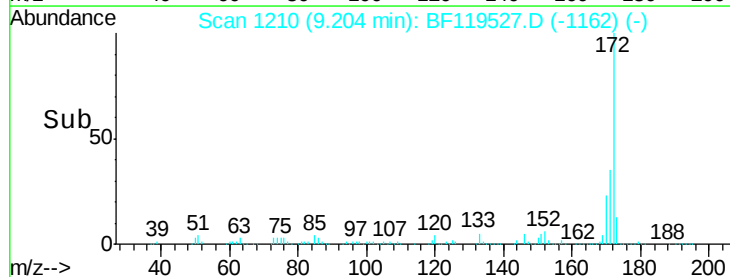
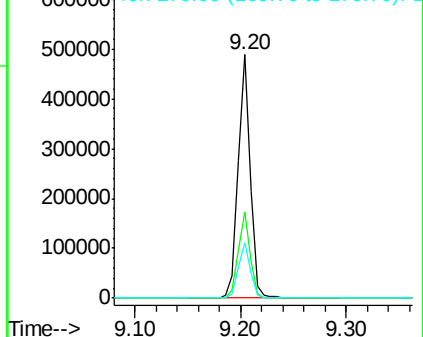


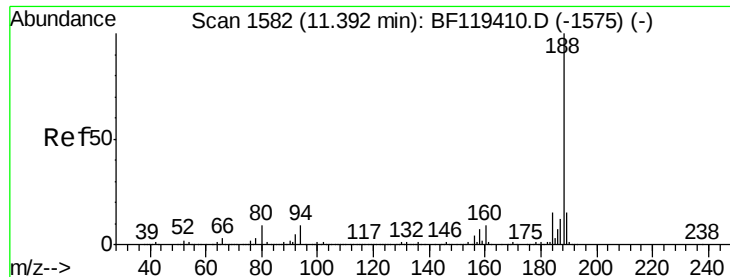
#45
 2-Fluorobiphenyl
 Concen: 10.005 ng
 RT: 9.20 min Scan# 1210
 Delta R.T. -0.02 min
 Lab File: BF119527.D
 Acq: 26 Mar 2020 4:54

Tgt Ion:172 Resp: 379496
 Ion Ratio Lower Upper
 172 100
 171 35.4 29.9 44.9
 170 23.0 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# 1579

Delta R.T. -0.02 min

Lab File: BF119527.D

Acq: 26 Mar 2020 4:54

Instrument :

BNA_F

ClientSampleId :

EO-01-032420

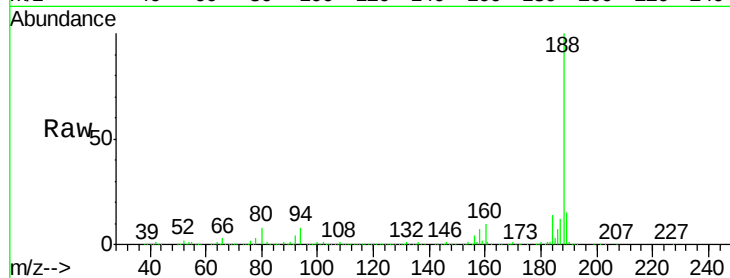
Tot Ion:188 Resp: 991190

Ion Ratio Lower Upper

188 100

94 7.9 7.1 10.7

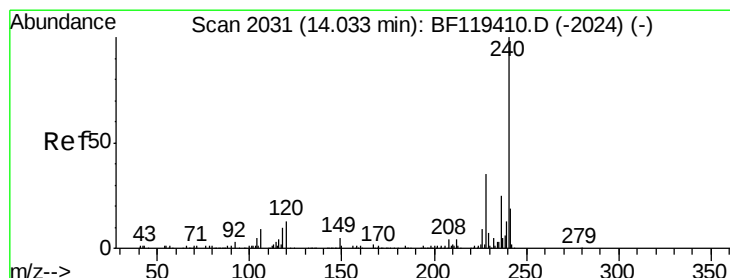
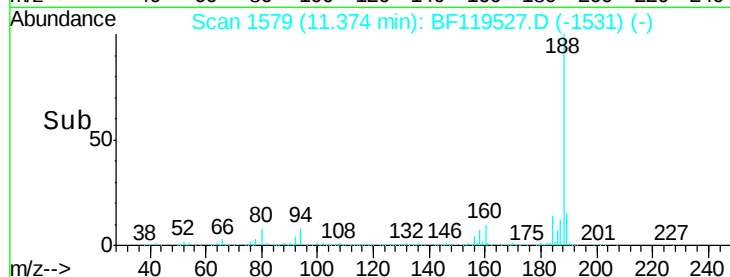
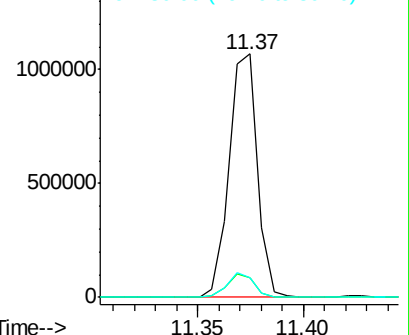
80 8.3 7.5 11.3



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: 14.01 min Scan# 2027

Delta R.T. -0.02 min

Lab File: BF119527.D

Acq: 26 Mar 2020 4:54

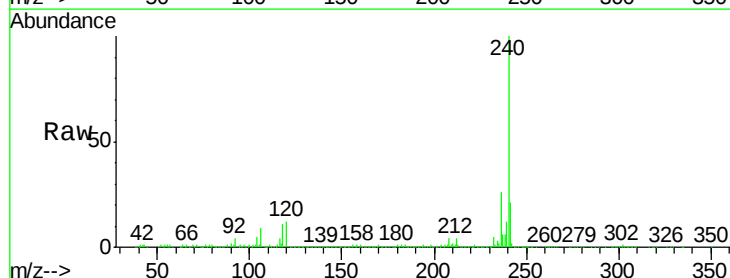
Tgt Ion:240 Resp: 584965

Ion Ratio Lower Upper

240 100

120 12.3 10.2 15.4

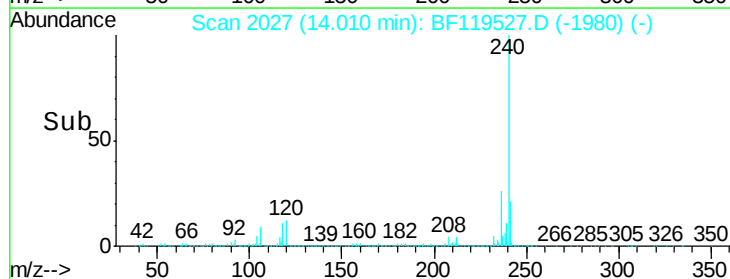
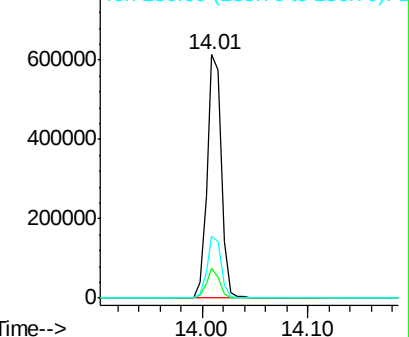
236 25.6 20.4 30.6

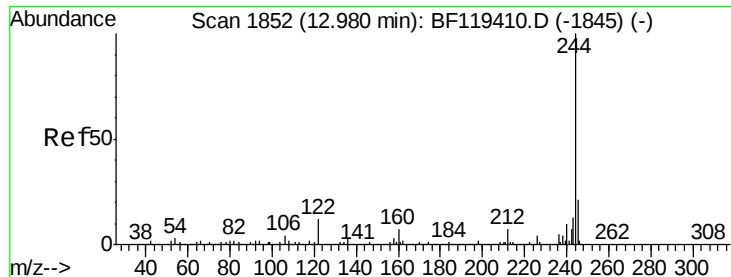


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#79

Terphenyl-d14

Concen: 11.420 ng

RT: 12.96 min Scan# 1848

Delta R.T. -0.02 min

Lab File: BF119527.D

Acq: 26 Mar 2020 4:54

Instrument :

BNA_F

ClientSampleId :

EO-01-032420

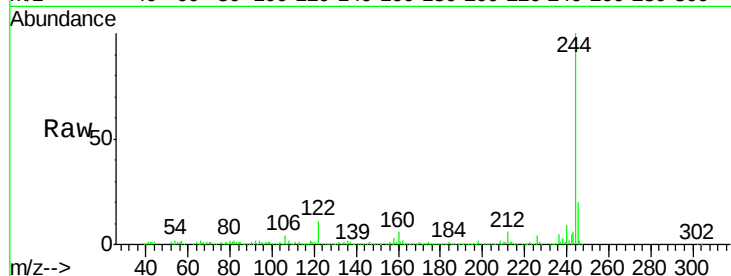
Tot Ion:244 Resp: 340972

Ion Ratio Lower Upper

244 100

212 6.2 5.7 8.5

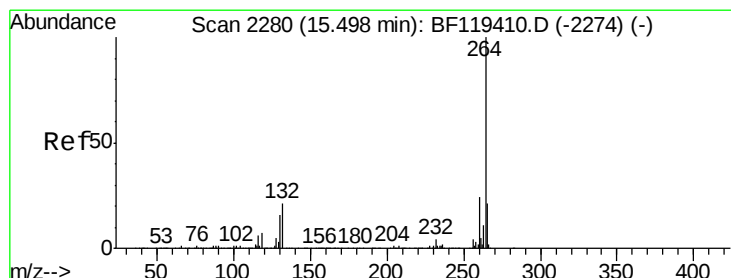
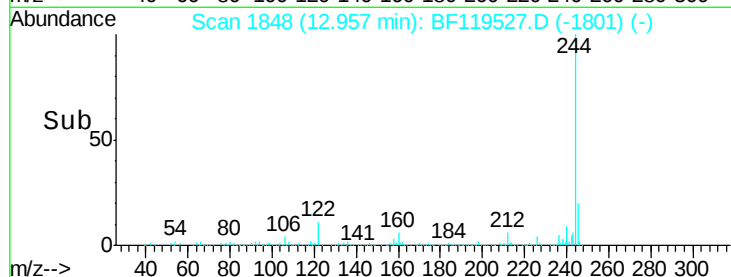
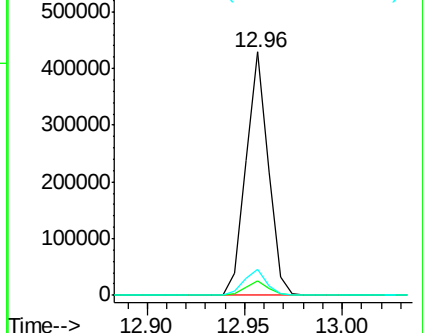
122 10.6 9.8 14.8



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. -0.02 min

Lab File: BF119527.D

Acq: 26 Mar 2020 4:54

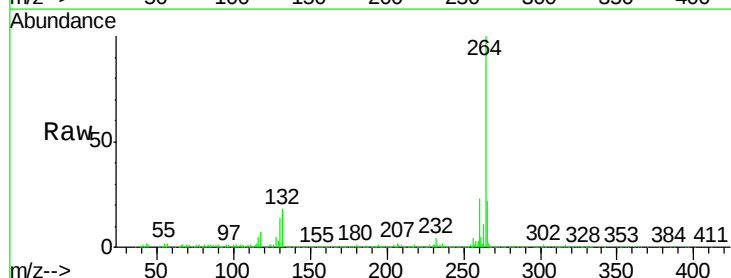
Tgt Ion:264 Resp: 634254

Ion Ratio Lower Upper

264 100

260 23.2 19.2 28.8

265 21.5 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

