

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 07:01:33 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

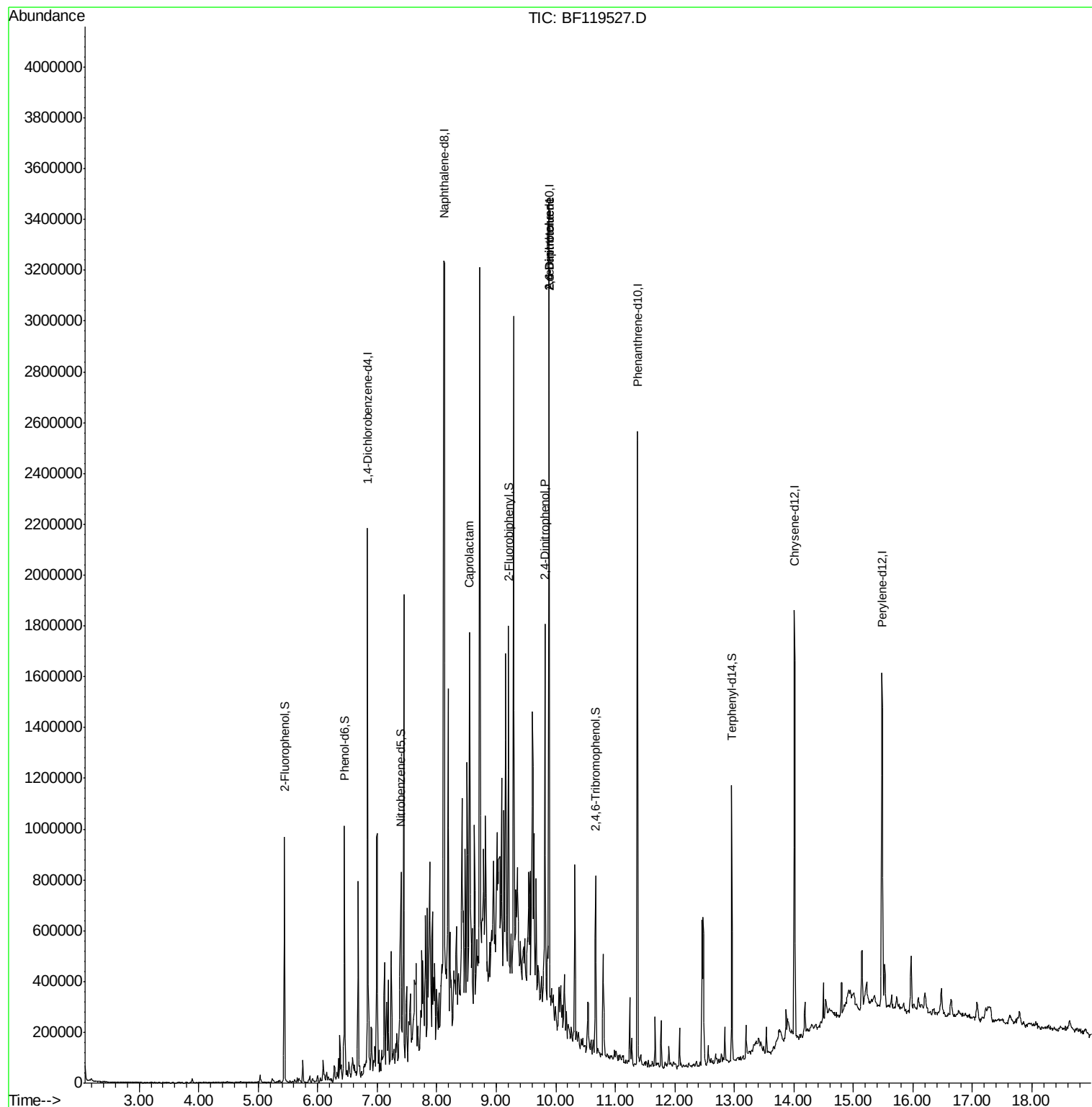
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.84	152	300176	20.00	ng	-0.02
21) Naphthalene-d8	8.13	136	1093554	20.00	ng	-0.02
39) Acenaphthene-d10	9.89	164	561946	20.00	ng	-0.02
64) Phenanthrene-d10	11.37	188	991190	20.00	ng	-0.02
76) Chrysene-d12	14.01	240	584965	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						
35) Caprolactam	8.56	113	23577	4.478	ng	# 20
51) 2,6-Dinitrotoluene	9.89	165	77570	9.067	ng	# 19
54) 2,4-Dinitrophenol	9.82	184	120	7.303	ng	# 1
57) 2,4-Dinitrotoluene	9.89	165	77570	7.197	ng	# 26

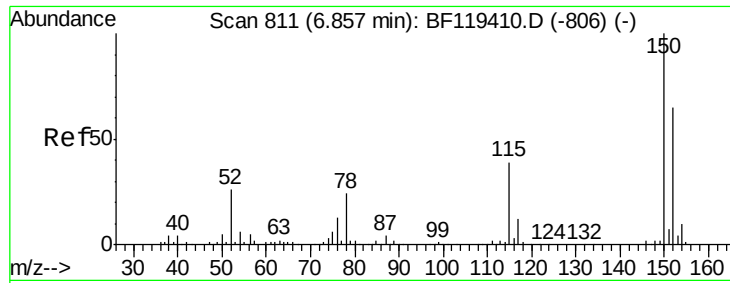
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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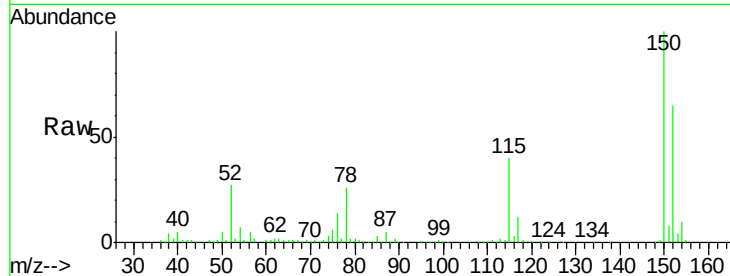




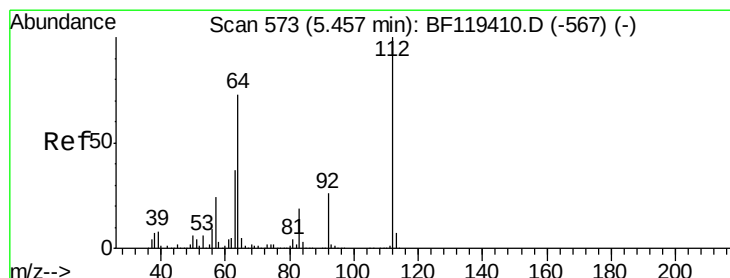
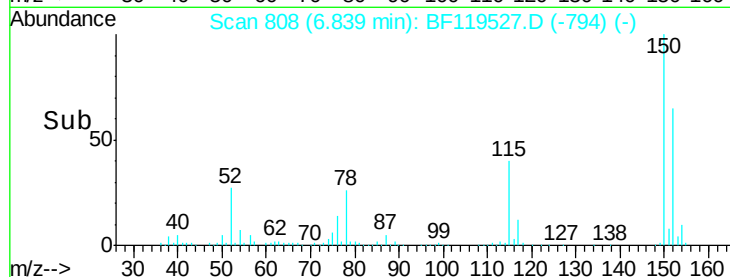
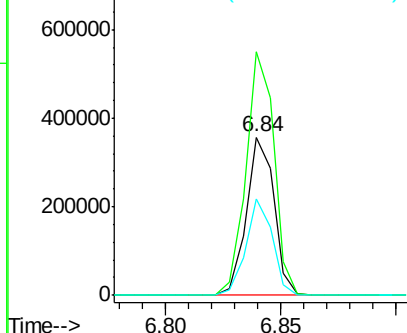
#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.84 min Scan# 808
 Delta R.T. -0.02 min
 Lab File: BF119527.D
 Acq: 26 Mar 2020 4:54

Instrument :
 BNA_F
 ClientSampleId :
 EO-01-032420

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

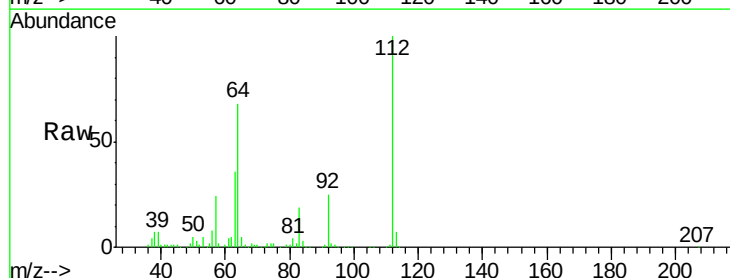


Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E

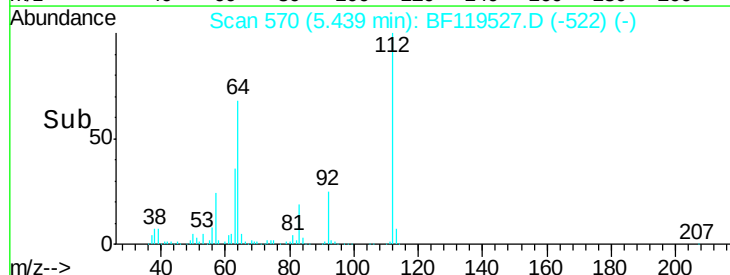
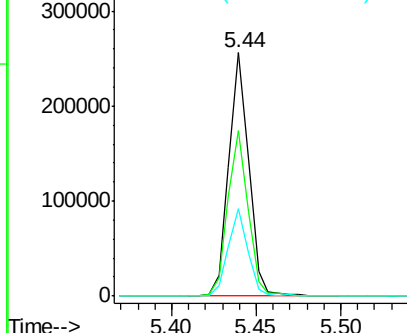


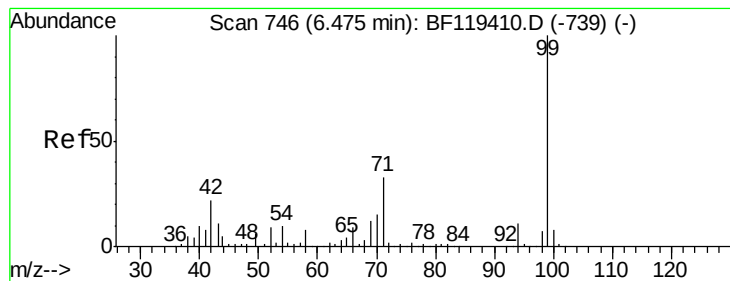
#5
 2-Fluorophenol
 Concen: 11.214 ng
 RT: 5.44 min Scan# 570
 Delta R.T. -0.02 min
 Lab File: BF119527.D
 Acq: 26 Mar 2020 4:54

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



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: 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

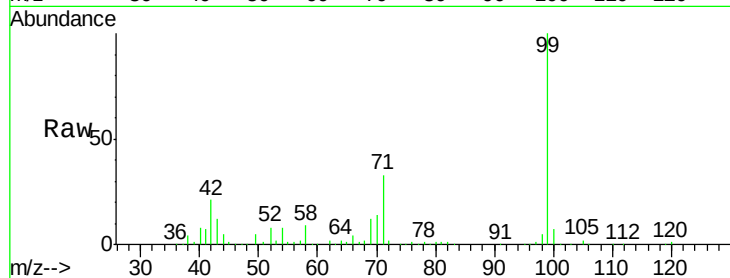
Tgt Ion: 99 Resp: 295803

Ion Ratio Lower Upper

99 100

42 20.8 17.8 26.6

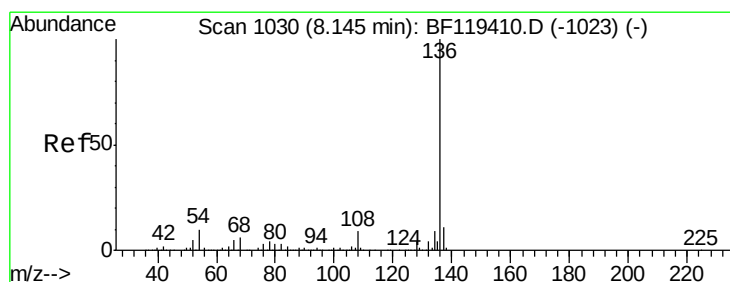
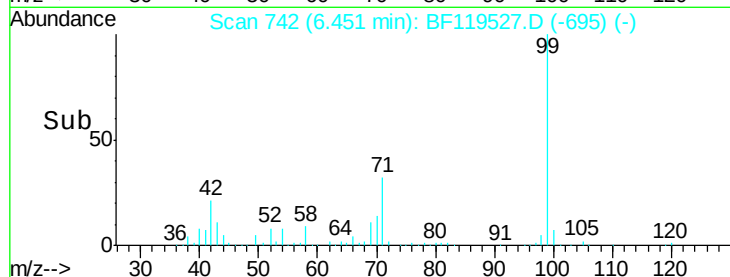
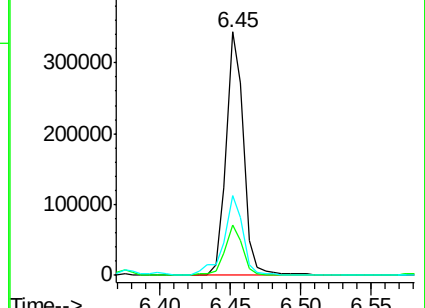
71 32.5 26.0 39.0



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

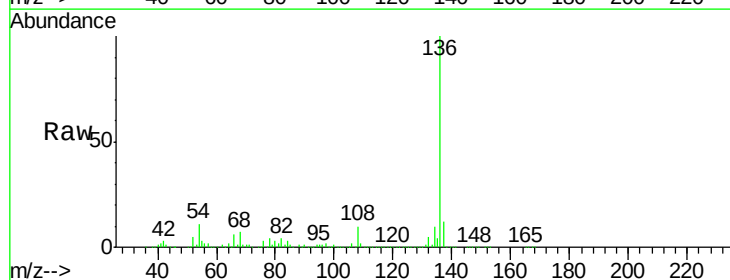
Ion Ratio Lower Upper

136 100

137 11.6 8.4 12.6

54 11.0 8.3 12.5

68 6.6 4.9 7.3

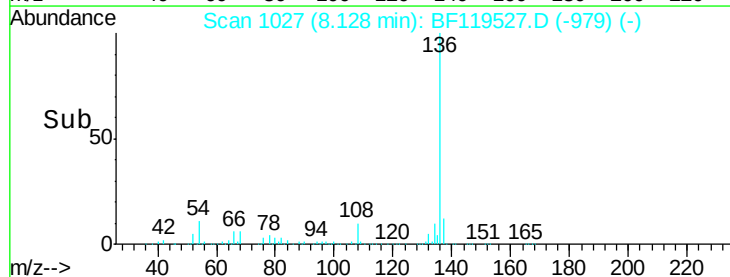
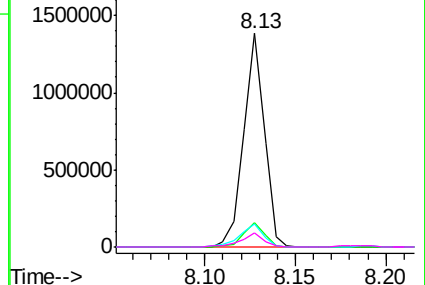


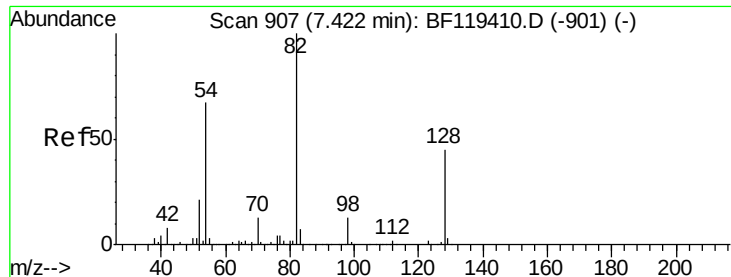
Abundance Ion 136.00 (135.70 to 136.70): E

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

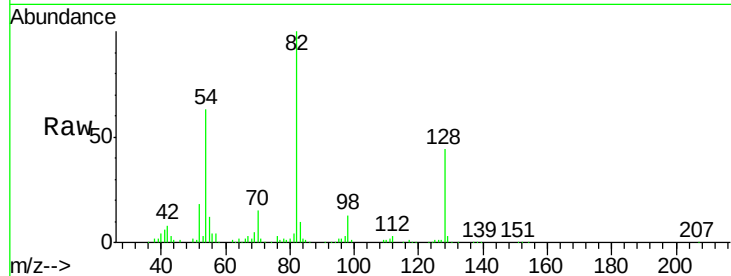




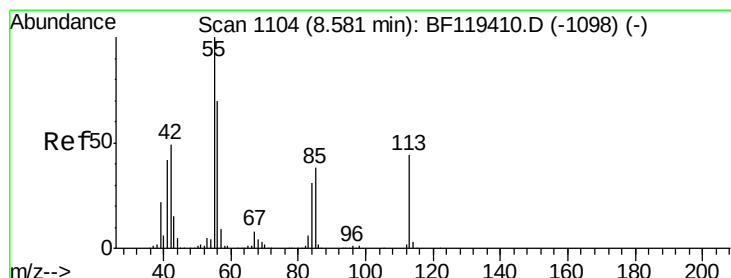
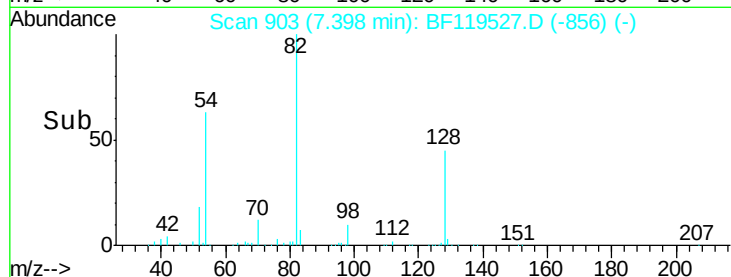
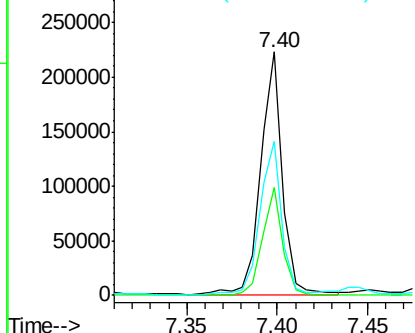
#23
Nitrobenzene-d5
Concen: 9.202 ng
RT: 7.40 min Scan# 903
Delta R.T. -0.02 min
Lab File: BF119527.D
Acq: 26 Mar 2020 4:54

Instrument :
BNA_F
ClientSampleId :
EO-01-032420

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

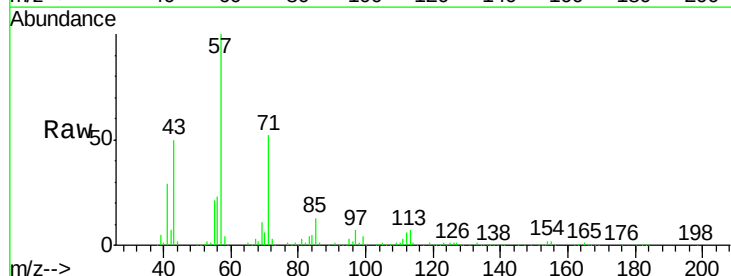


Abundance Ion 82.00 (81.70 to 82.70): BF1
Ion 128.00 (127.70 to 128.70): BF1
Ion 54.00 (53.70 to 54.70): BF1

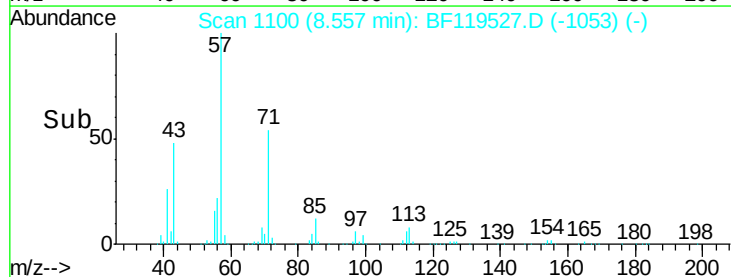
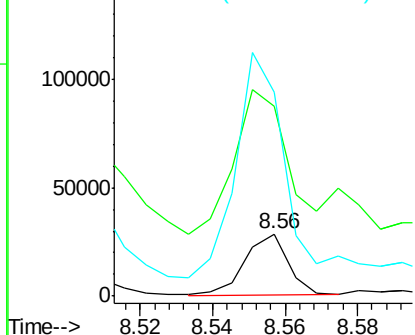


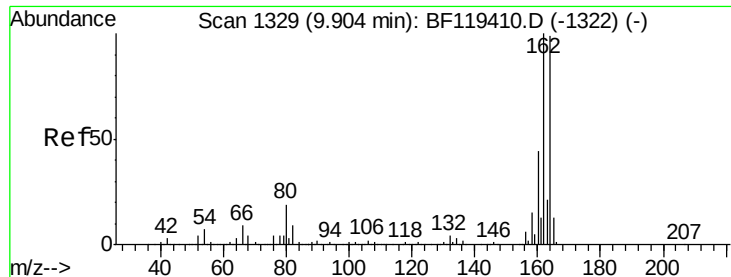
#35
Caprolactam
Concen: 4.478 ng
RT: 8.56 min Scan# 1100
Delta R.T. -0.02 min
Lab File: BF119527.D
Acq: 26 Mar 2020 4:54

Tgt Ion: 113 Resp: 23577
Ion Ratio Lower Upper
113 100
55 305.4 208.4 248.4#
56 328.4 138.9 178.9#



Abundance Ion 113.00 (112.70 to 113.70): BF1
Ion 55.00 (54.70 to 55.70): BF1
Ion 56.00 (55.70 to 56.70): 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

Instrument :

BNA_F

ClientSampleId :

EO-01-032420

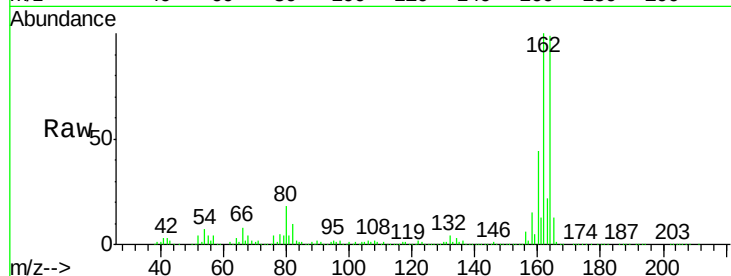
Tgt Ion:164 Resp: 561946

Ion Ratio Lower Upper

164 100

162 100.7 80.7 121.1

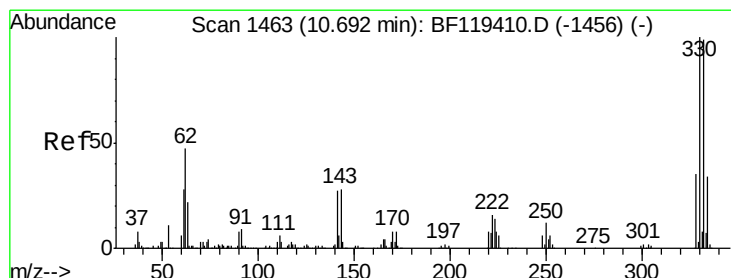
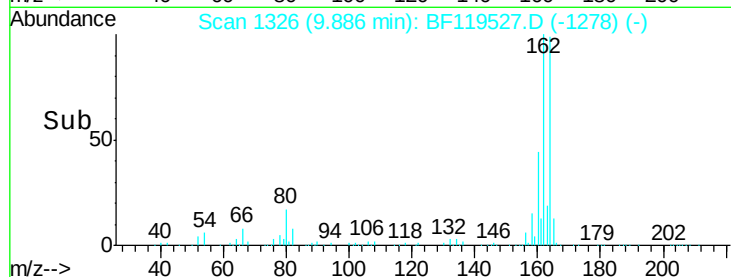
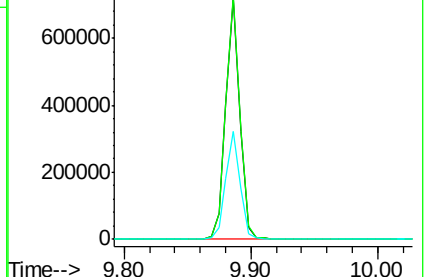
160 44.7 35.5 53.3



Abundance Ion 164.00 (163.70 to 164.70): 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: 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

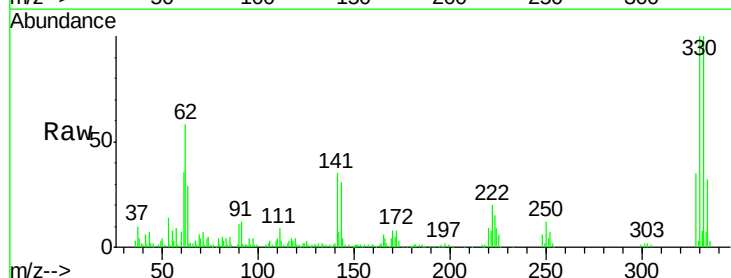
Tgt Ion:330 Resp: 78360

Ion Ratio Lower Upper

330 100

332 94.1 77.6 116.4

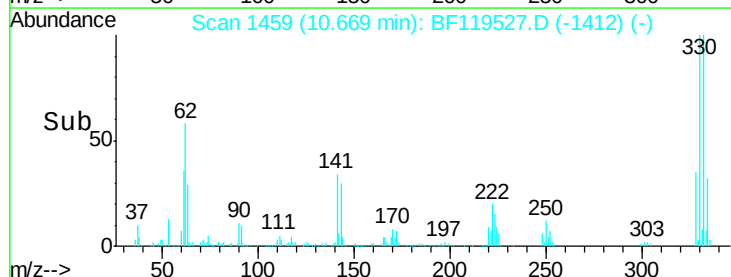
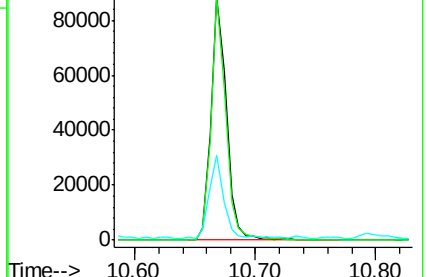
141 32.5 26.6 40.0

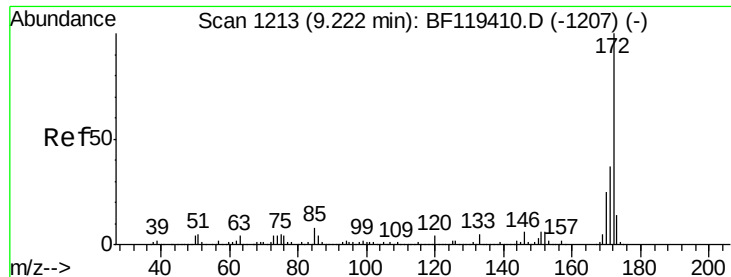


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

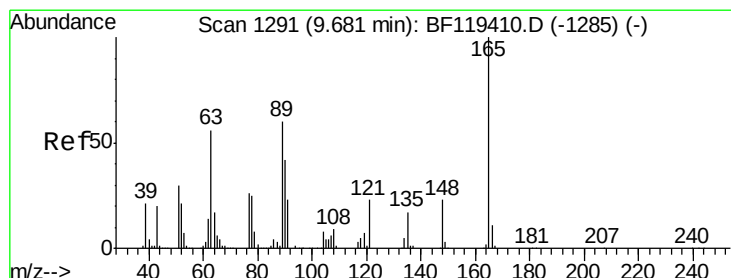
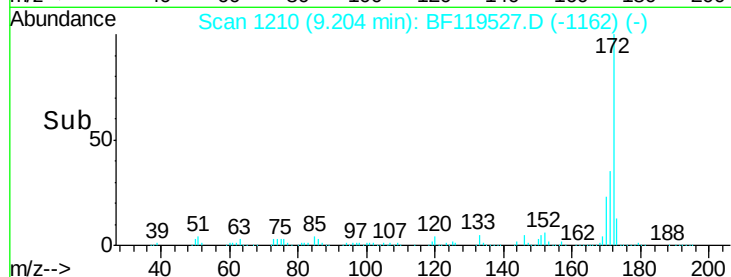
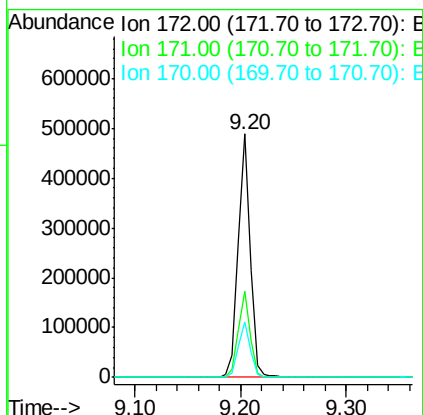
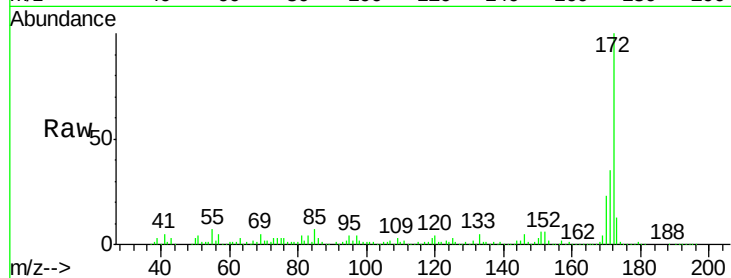




#45
2-Fluorobiphenyl
Concen: 10.005 ng
RT: 9.20 min Scan# 1210
Delta R.T. -0.02 min
Lab File: BF119527.D
Acq: 26 Mar 2020 4:54

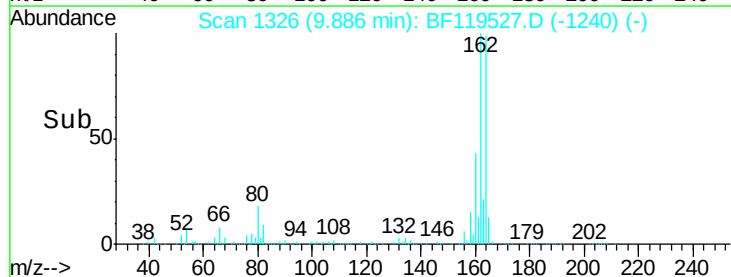
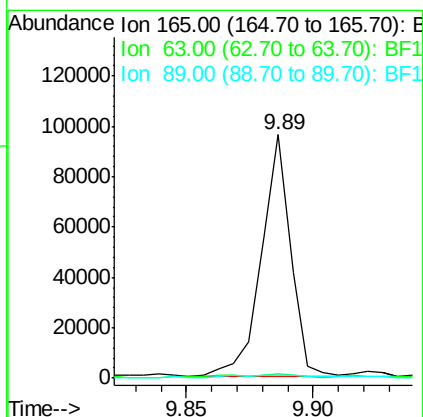
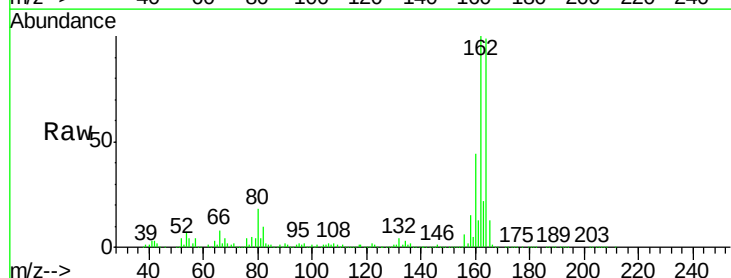
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EO-01-032420

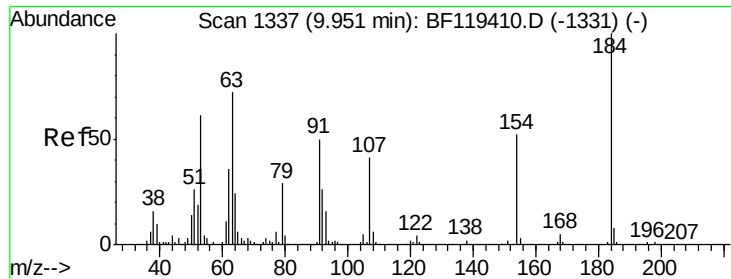
Tgt Ion:172 Resp: 379496
Ion Ratio Lower Upper
172 100
171 35.4 29.9 44.9
170 23.0 20.1 30.1



#51
2,6-Dinitrotoluene
Concen: 9.067 ng
RT: 9.89 min Scan# 1326
Delta R.T. 0.21 min
Lab File: BF119527.D
Acq: 26 Mar 2020 4:54

Tgt Ion:165 Resp: 77570
Ion Ratio Lower Upper
165 100
63 1.7 57.3 85.9#
89 1.5 47.8 71.8#

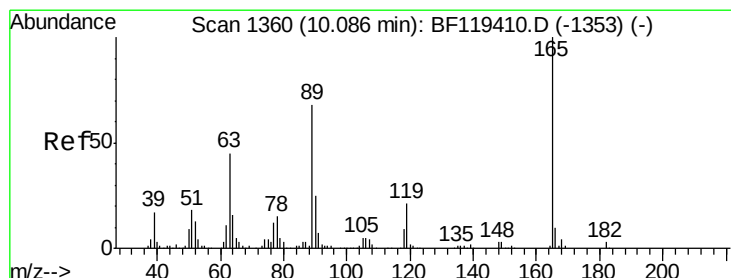
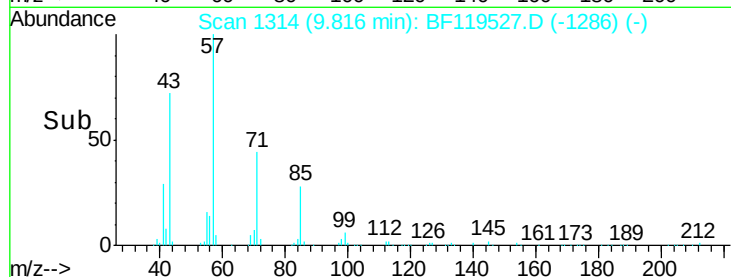
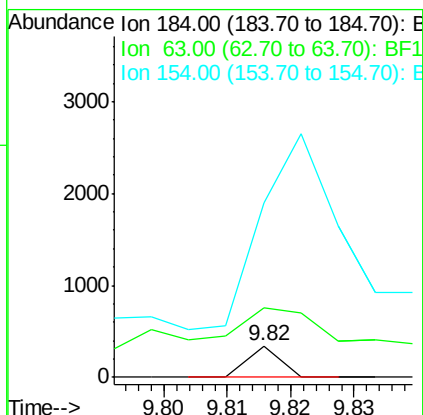
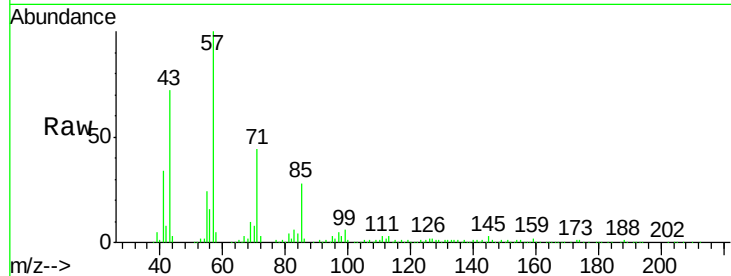




#54
2,4-Dinitrophenol
Concen: 7.303 ng
RT: 9.82 min Scan# 1314
Delta R.T. -0.14 min
Lab File: BF119527.D
Acq: 26 Mar 2020 4:54

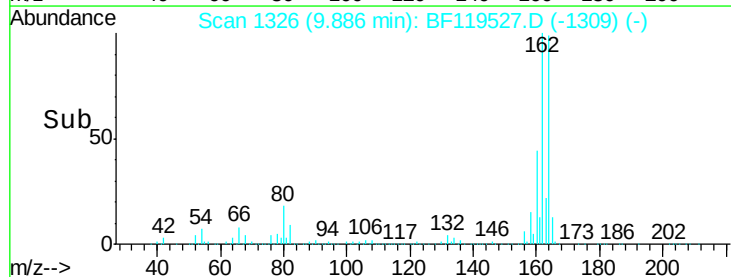
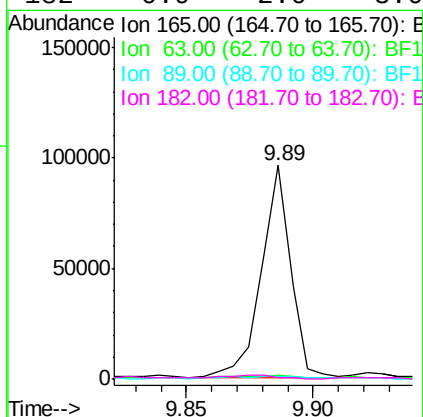
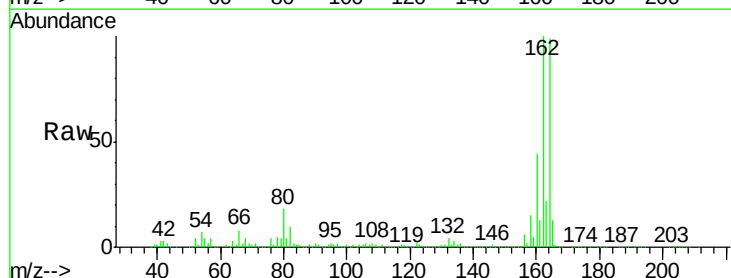
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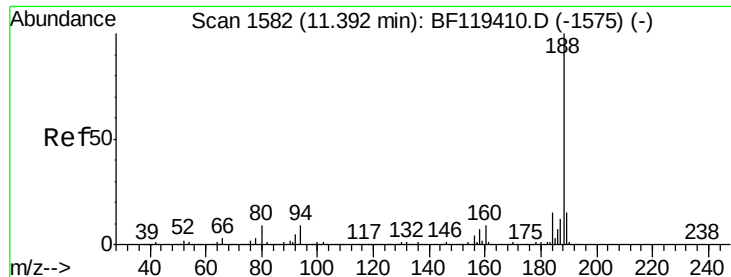
Tgt Ion:184 Resp: 120
Ion Ratio Lower Upper
184 100
63 223.3 58.5 87.7#
154 559.9 51.8 77.6#



#57
2,4-Dinitrotoluene
Concen: 7.197 ng
RT: 9.89 min Scan# 1326
Delta R.T. -0.20 min
Lab File: BF119527.D
Acq: 26 Mar 2020 4:54

Tgt Ion:165 Resp: 77570
Ion Ratio Lower Upper
165 100
63 1.7 36.2 54.4#
89 1.5 54.3 81.5#
182 0.9 2.0 3.0#

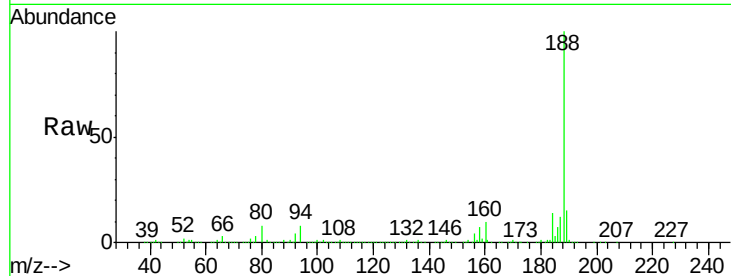




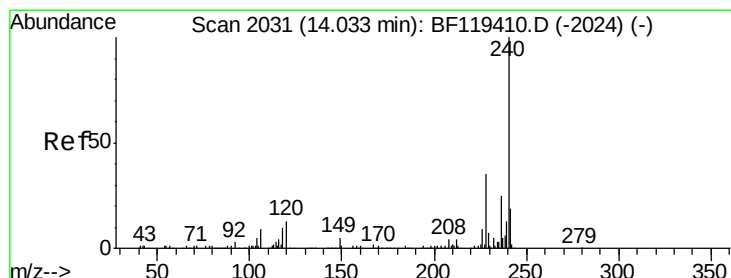
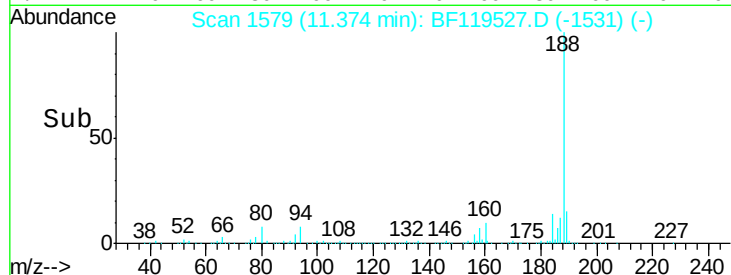
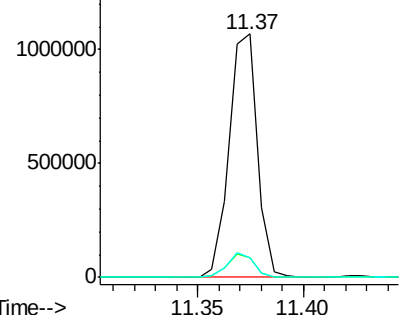
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.37 min Scan# 1579
Delta R.T. -0.02 min
Lab File: BF119527.D
Acq: 26 Mar 2020 4:54

Instrument :
BNA_F
ClientSampleId :
EO-01-032420

Tgt Ion:188 Resp: 991190
Ion Ratio Lower Upper
188 100
94 7.9 7.1 10.7
80 8.3 7.5 11.3

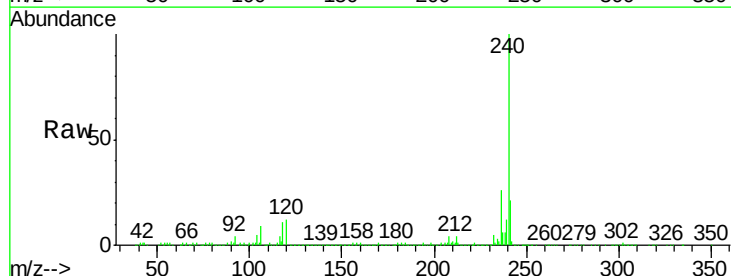


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BF1
Ion 80.00 (79.70 to 80.70): BF1

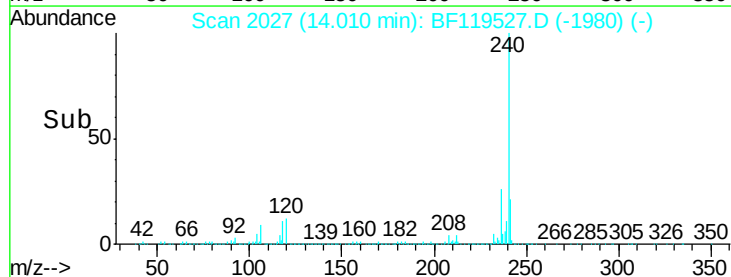
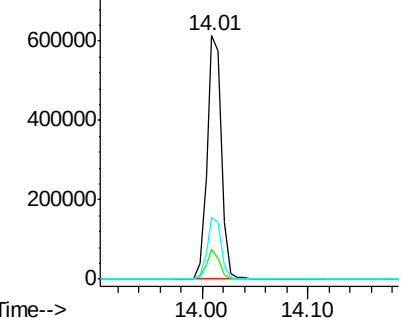


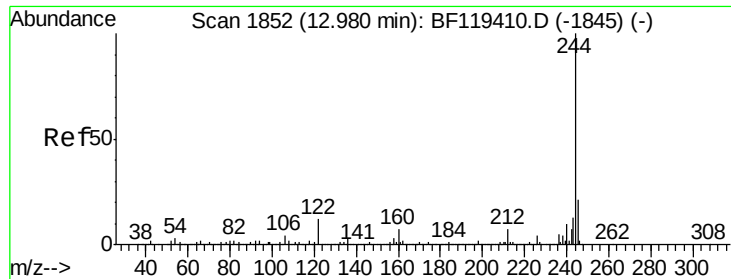
#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.01 min Scan# 2027
Delta R.T. -0.02 min
Lab File: BF119527.D
Acq: 26 Mar 2020 4:54

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

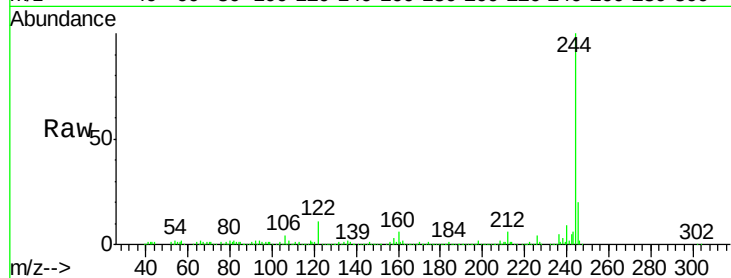
Tgt Ion:244 Resp: 340972

Ion Ratio Lower Upper

244 100

212 6.2 5.7 8.5

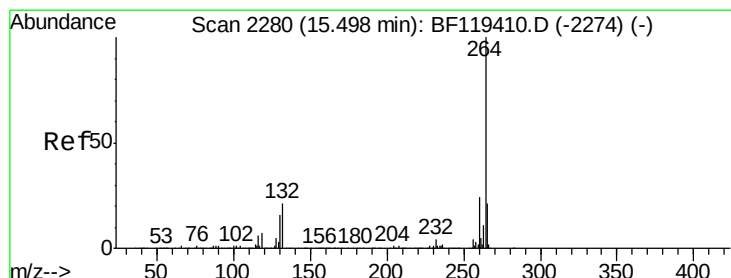
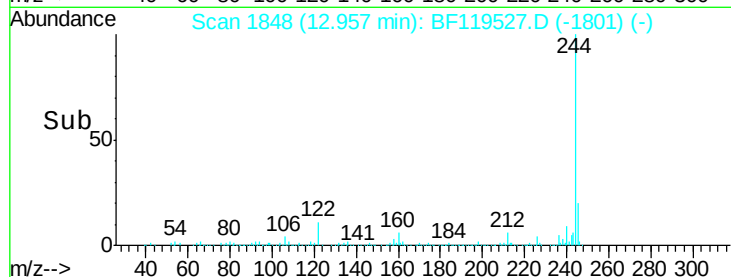
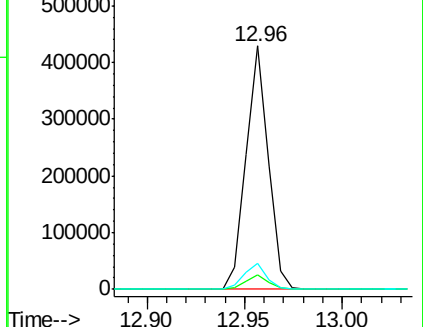
122 10.6 9.8 14.8



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

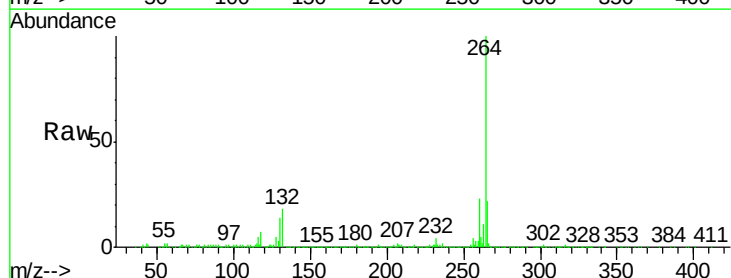
Tgt Ion:264 Resp: 634254

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

