

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF082820\
 Data File : BF121461.D
 Acq On : 28 Aug 2020 15:54
 Operator : JU/CG
 Sample : L3824-01 10X
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 OIL-1

Quant Time: Aug 28 16:24:37 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF082720.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Aug 28 09:25:49 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.86	152	295139	20.00	ng	0.00
21) Naphthalene-d8	8.15	136	1133807	20.00	ng	0.00
39) Acenaphthene-d10	9.90	164	544868	20.00	ng	0.00
64) Phenanthrene-d10	11.39	188	934470	20.00	ng	0.00
76) Chrysene-d12	14.02	240	710640	20.00	ng	0.00
86) Perylene-d12	15.49	264	658323	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.46	112	23667	1.35	ng	-0.01
7) Phenol-d6	6.47	99	29582	1.20	ng	-0.02
23) Nitrobenzene-d5	7.42	82	15559	0.94	ng	-0.01
42) 2,4,6-Tribromophenol	10.69	330	5341	0.97	ng	0.00
45) 2-Fluorobiphenyl	9.22	172	39418	1.17	ng	-0.01
79) Terphenyl-d14	12.97	244	38593	1.14	ng	0.00

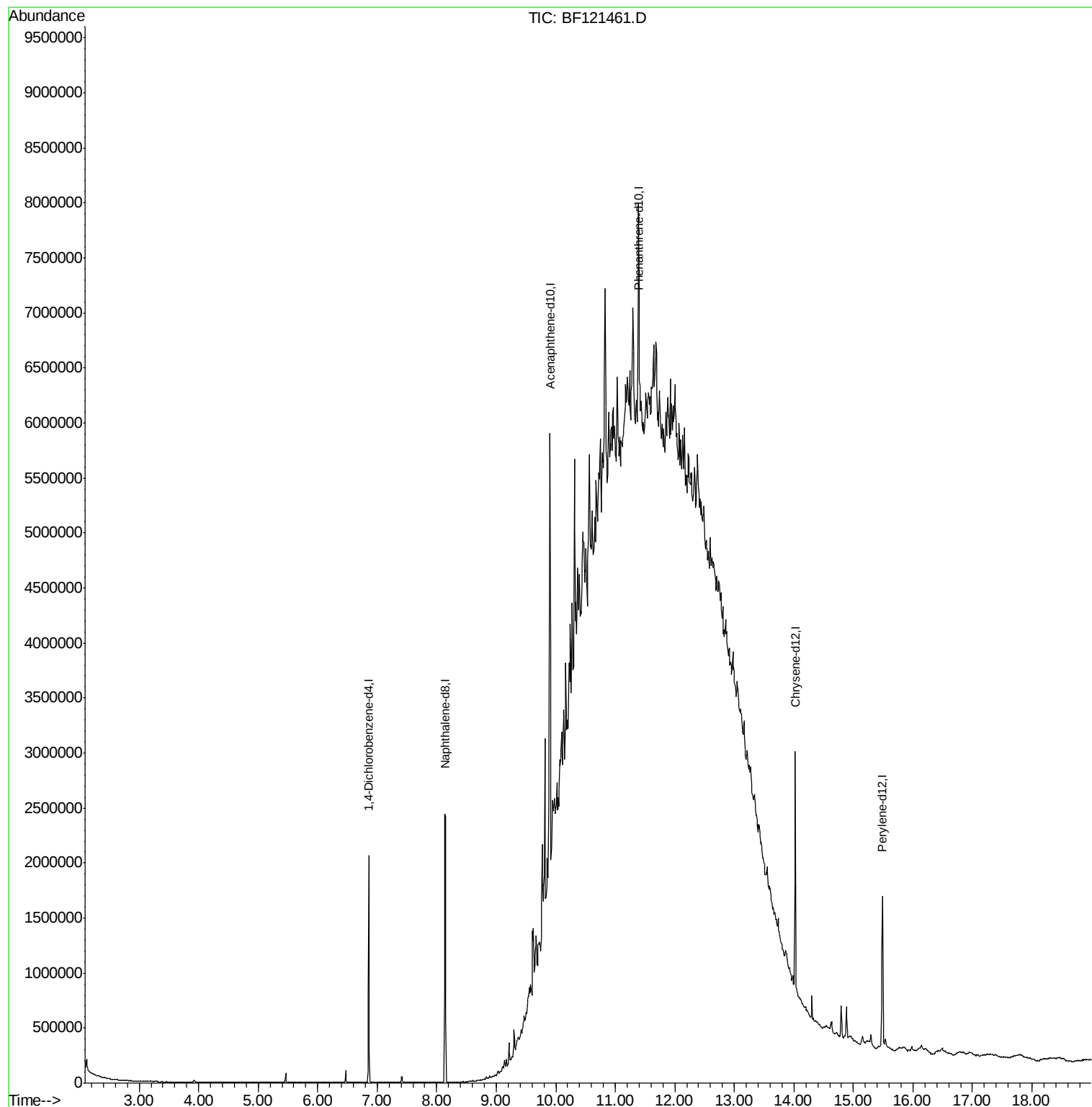
Target Compounds Qvalue

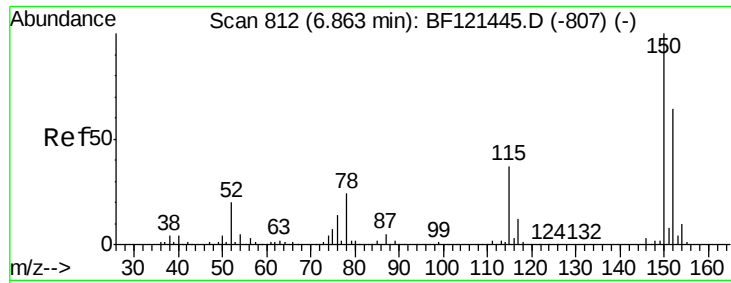
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF082820\
Data File : BF121461.D
Acq On : 28 Aug 2020 15:54
Operator : JU/CG
Sample : L3824-01 10X
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
OIL-1

Quant Time: Aug 28 16:24:37 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF082720.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Aug 28 09:25:49 2020
Response via : Initial Calibration

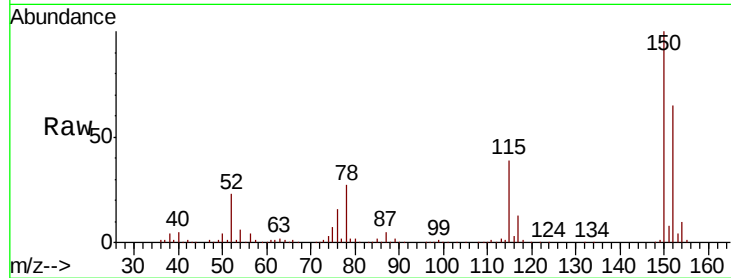




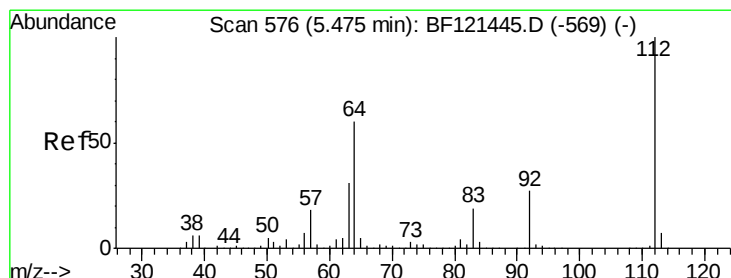
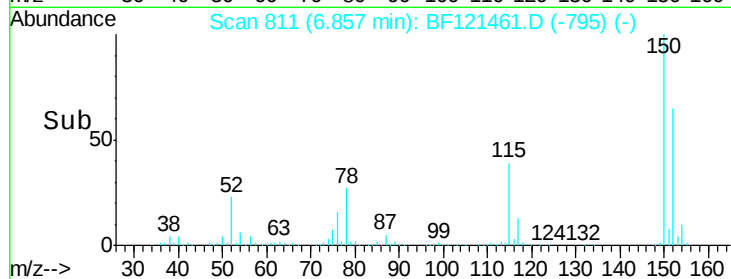
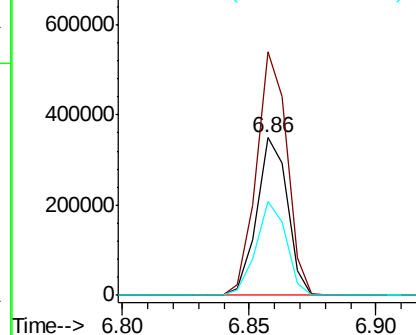
#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.86 min Scan# 811
 Delta R.T. -0.01 min
 Lab File: BF121461.D
 Acq: 28 Aug 2020 15:54

Instrument :
 BNA_F
 ClientSampleId :
 OIL-1

Tot Ion:152 Resp: 295139
 Ion Ratio Lower Upper
 152 100
 150 154.6 125.8 188.6
 115 59.7 46.6 69.8

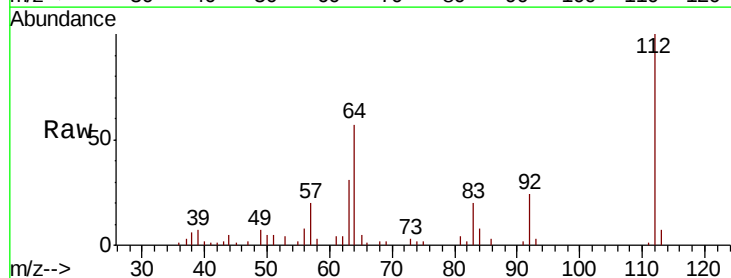


Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E

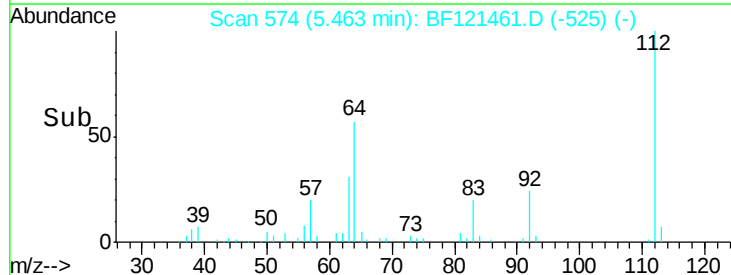
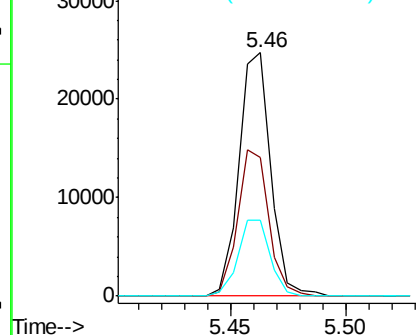


#5
 2-Fluorophenol
 Concen: 1.345 ng
 RT: 5.46 min Scan# 574
 Delta R.T. -0.01 min
 Lab File: BF121461.D
 Acq: 28 Aug 2020 15:54

Tgt Ion:112 Resp: 23667
 Ion Ratio Lower Upper
 112 100
 64 56.7 48.2 72.2
 63 31.3 24.8 37.2



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: 1.203 ng

RT: 6.47 min Scan# 745

Delta R.T. -0.02 min

Lab File: BF121461.D

Acq: 28 Aug 2020 15:54

Instrument :

BNA_F

ClientSampled :

OIL-1

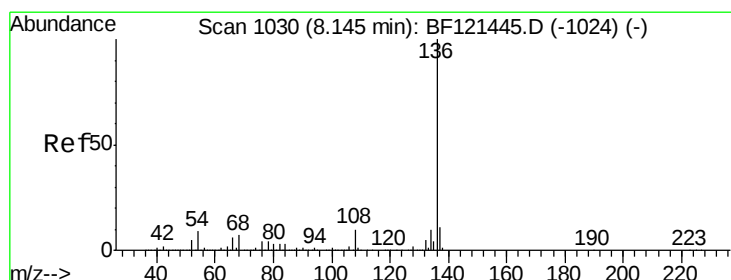
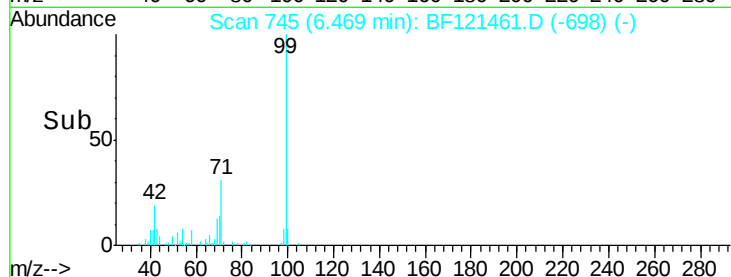
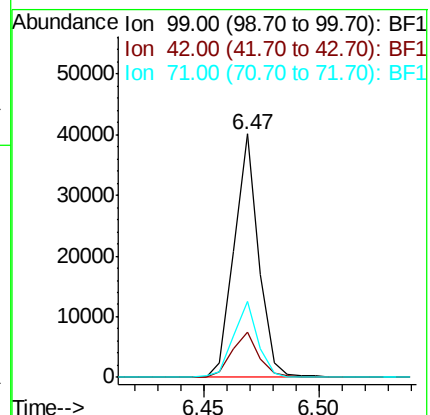
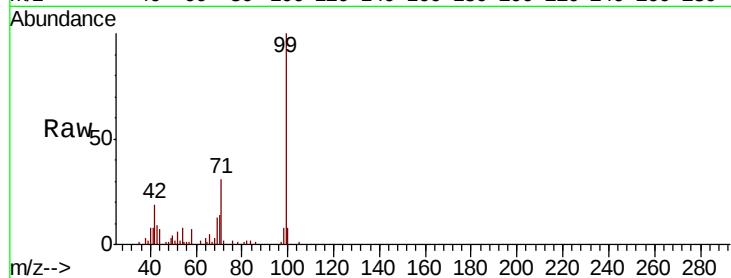
Tot Ion: 99 Resp: 29582

Ion Ratio Lower Upper

99 100

42 18.5 13.5 20.3

71 31.3 24.6 37.0



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.15 min Scan# 1030

Delta R.T. 0.00 min

Lab File: BF121461.D

Acq: 28 Aug 2020 15:54

Tgt Ion: 136 Resp: 1133807

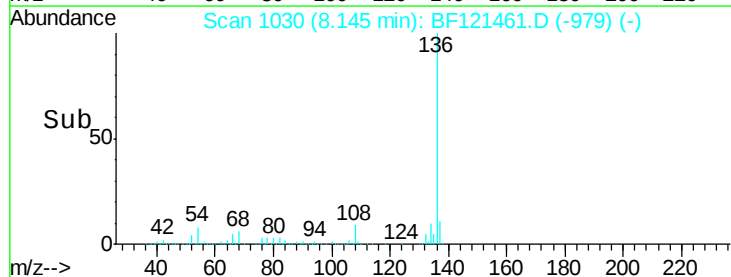
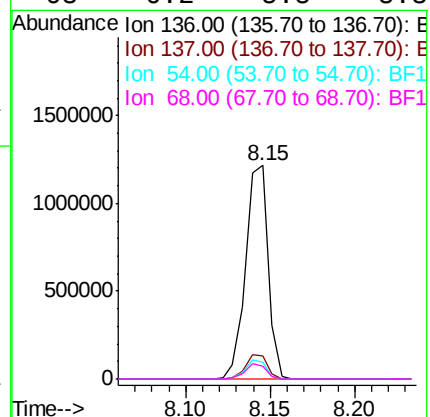
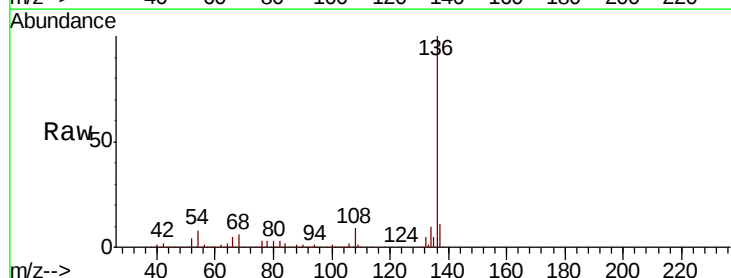
Ion Ratio Lower Upper

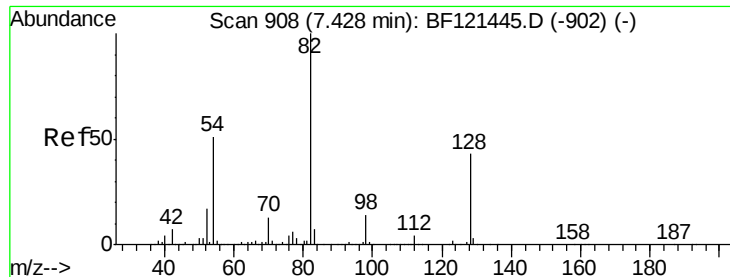
136 100

137 11.0 9.1 13.7

54 7.7 7.0 10.4

68 6.2 5.5 8.3

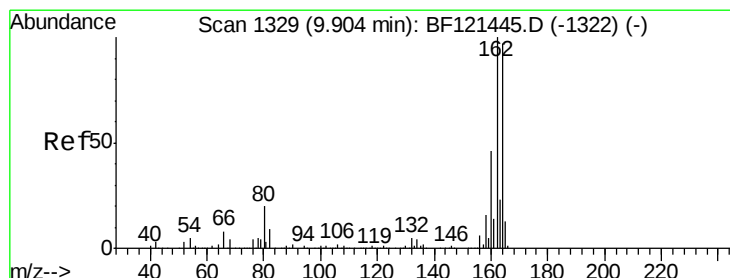
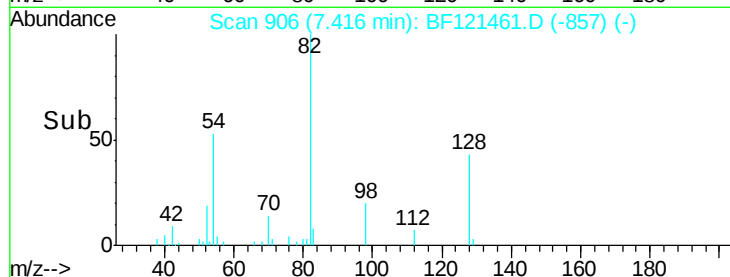
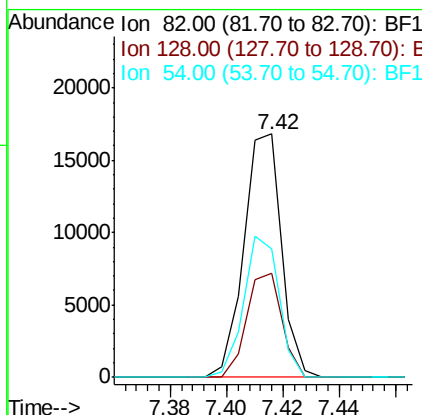
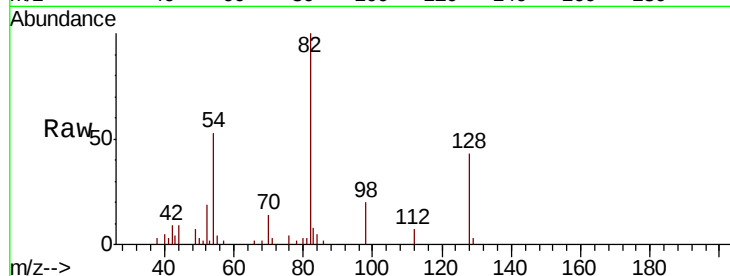




#23
 Nitrobenzene-d5
 Concen: 0.938 ng
 RT: 7.42 min Scan# 906
 Delta R.T. -0.01 min
 Lab File: BF121461.D
 Acq: 28 Aug 2020 15:54

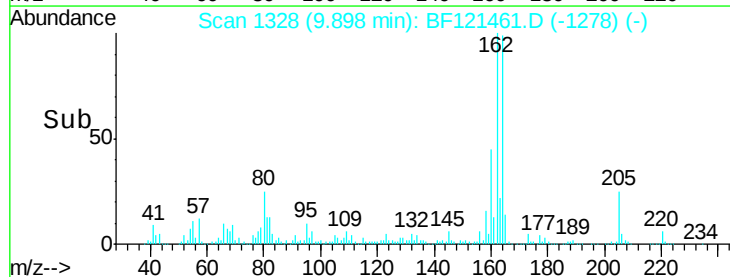
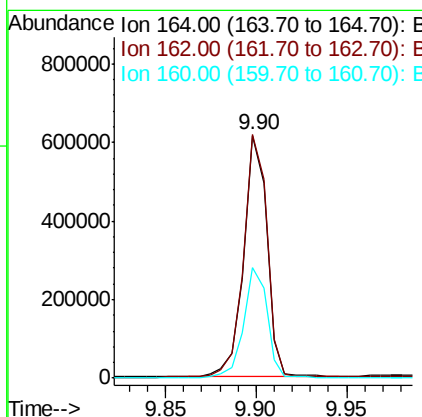
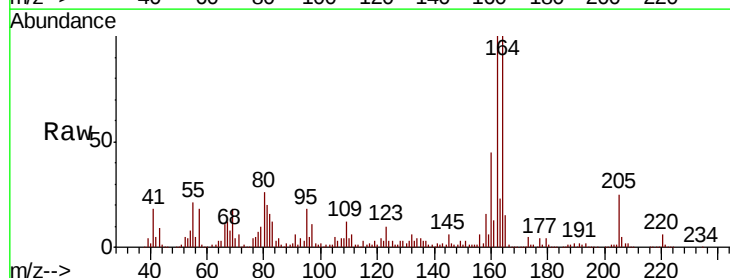
Instrument :
 BNA_F
 ClientSampleId :
 OIL-1

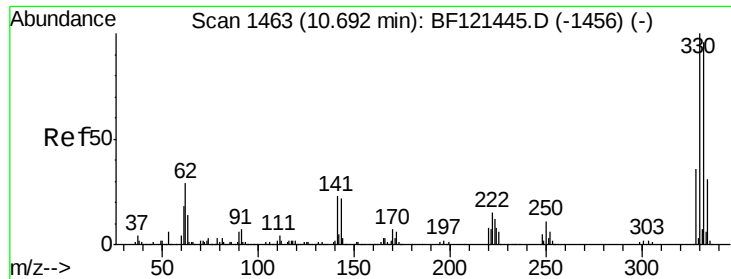
Tot Ion	82	Resp	15559
Ion Ratio	Lower	Upper	
82	100		
128	42.9	34.1	51.1
54	52.6	41.0	61.6



#39
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.90 min Scan# 1328
 Delta R.T. -0.01 min
 Lab File: BF121461.D
 Acq: 28 Aug 2020 15:54

Tgt Ion	164	Resp	544868
Ion Ratio <td>Lower</td> <td>Upper</td> <td></td>	Lower	Upper	
164	100		
162	100.2	82.4	123.6
160	45.4	37.6	56.4

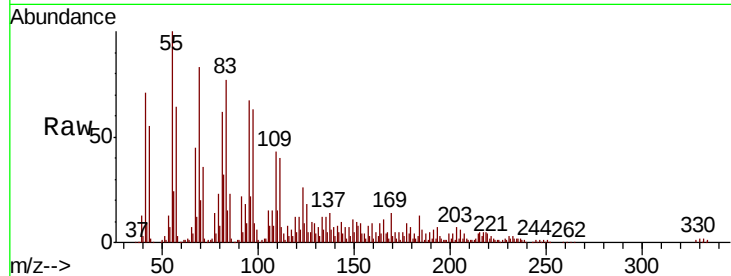




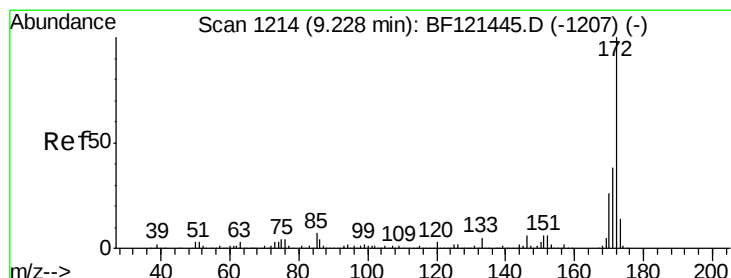
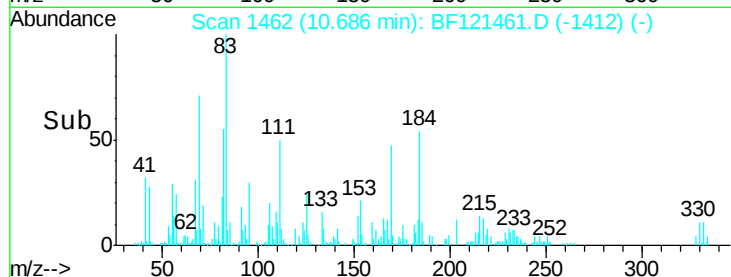
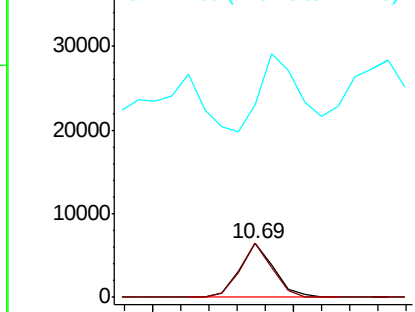
#42
 2,4,6-Tribromophenol
 Concen: 0.970 ng
 RT: 10.69 min Scan# 1462
 Delta R.T. -0.01 min
 Lab File: BF121461.D
 Acq: 28 Aug 2020 15:54

Instrument :
 BNA_F
 ClientSampled :
 OIL-1

Tot Ion:330 Resp: 5341
 Ion Ratio Lower Upper
 330 100
 332 95.3 76.2 114.2
 141 168.9 24.6 36.8#

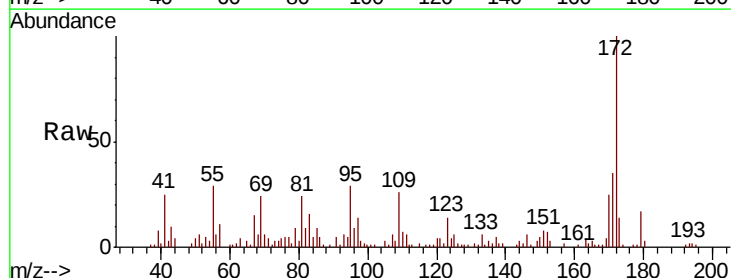


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

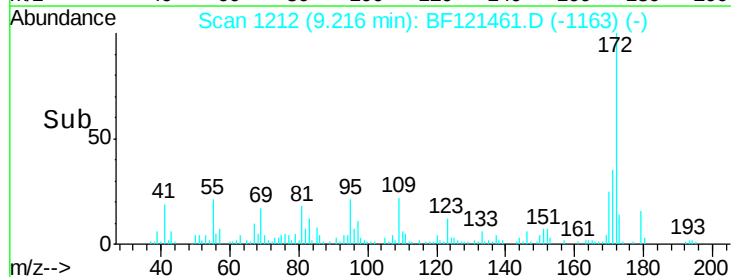
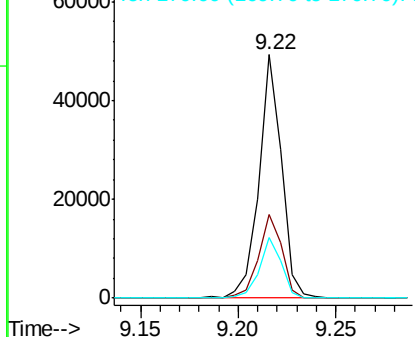


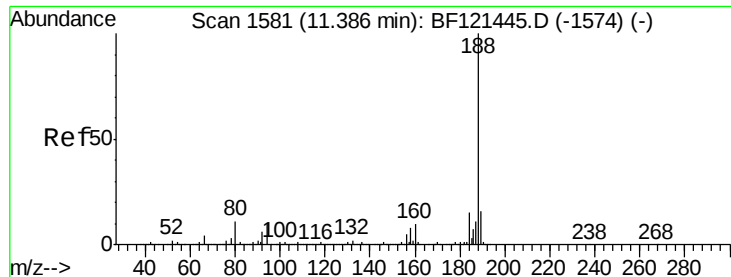
#45
 2-Fluorobiphenyl
 Concen: 1.167 ng
 RT: 9.22 min Scan# 1212
 Delta R.T. -0.01 min
 Lab File: BF121461.D
 Acq: 28 Aug 2020 15:54

Tgt Ion:172 Resp: 39418
 Ion Ratio Lower Upper
 172 100
 171 34.5 30.6 45.8
 170 24.7 20.6 31.0



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: 11.39 min Scan# 1582

Delta R.T. 0.01 min

Lab File: BF121461.D

Acq: 28 Aug 2020 15:54

Instrument :

BNA_F

ClientSampleId :

OIL-1

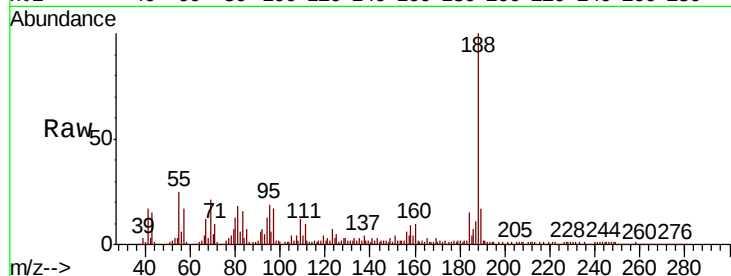
Tot Ion:188 Resp: 934470

Ion Ratio Lower Upper

188 100

94 12.5 8.3 12.5#

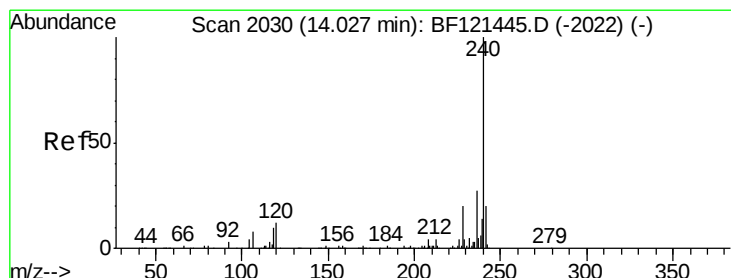
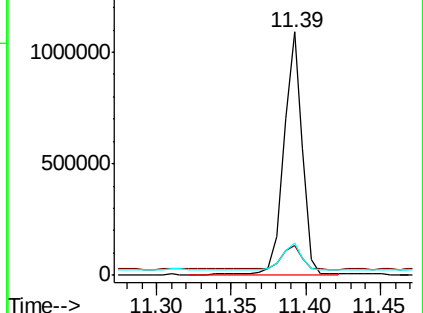
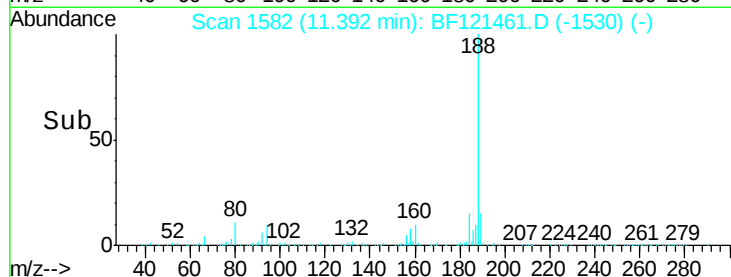
80 13.1 8.6 13.0#



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: 14.02 min Scan# 2029

Delta R.T. -0.01 min

Lab File: BF121461.D

Acq: 28 Aug 2020 15:54

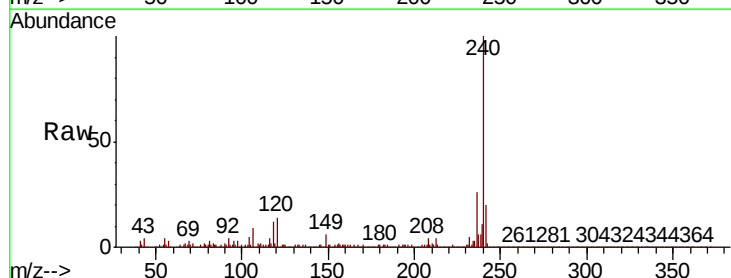
Tgt Ion:240 Resp: 710640

Ion Ratio Lower Upper

240 100

120 13.8 9.5 14.3

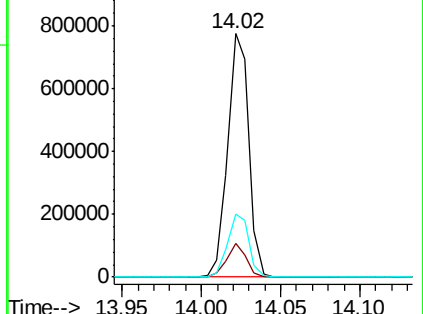
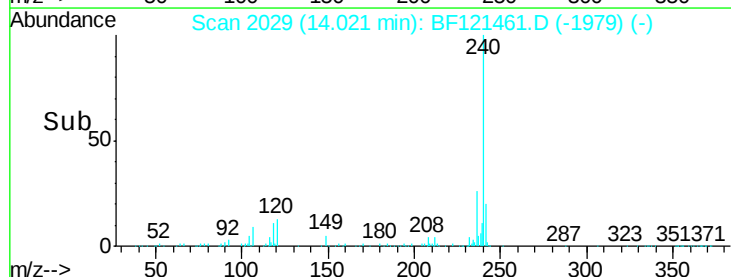
236 26.1 21.8 32.6

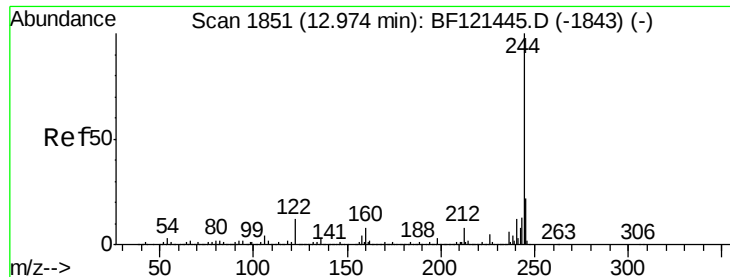


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#79

Terphenyl-d14

Concen: 1.143 ng

RT: 12.97 min Scan# 1851

Delta R.T. 0.00 min

Lab File: BF121461.D

Acq: 28 Aug 2020 15:54

Instrument :

BNA_F

ClientSampleId :

OIL-1

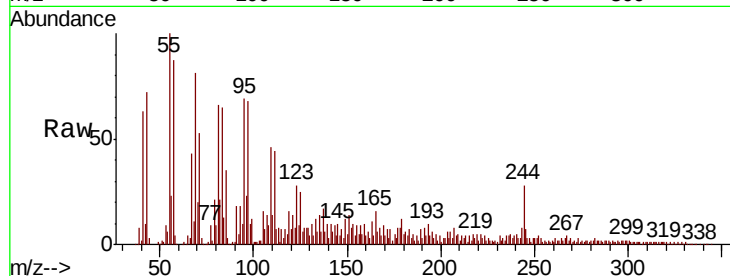
Tot Ion:244 Resp: 38593

Ion Ratio Lower Upper

244 100

212 12.1 6.3 9.5#

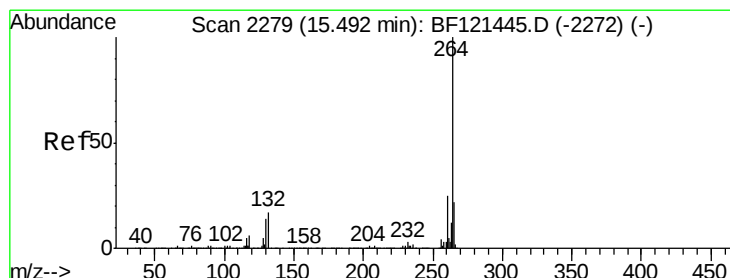
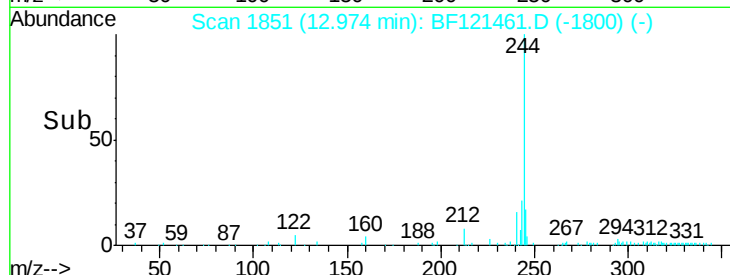
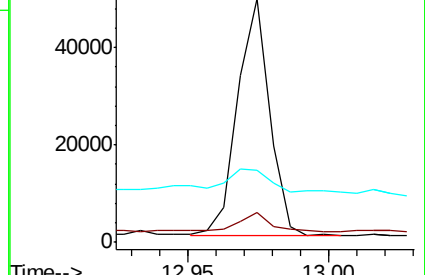
122 29.5 9.5 14.3#



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



#86

Perylene-d12

Concen: 20.000 ng

RT: 15.49 min Scan# 2278

Delta R.T. -0.01 min

Lab File: BF121461.D

Acq: 28 Aug 2020 15:54

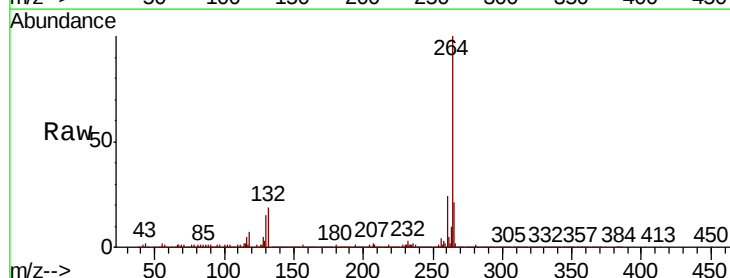
Tgt Ion:264 Resp: 658323

Ion Ratio Lower Upper

264 100

260 23.8 19.6 29.4

265 20.9 17.8 26.6



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

