

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF082820\
 Data File : BF121462.D
 Acq On : 28 Aug 2020 16:25
 Operator : JU/CG
 Sample : L3825-01 10X
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 OIL-1

Quant Time: Aug 28 17:13:05 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	317298	20.00	ng	0.00
21) Naphthalene-d8	8.15	136	1228219	20.00	ng	0.00
39) Acenaphthene-d10	9.90	164	589431	20.00	ng	0.00
64) Phenanthrene-d10	11.39	188	934181	20.00	ng	0.00
76) Chrysene-d12	14.02	240	918393	20.00	ng	0.00
86) Perylene-d12	15.49	264	818382	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.46	112	25144	1.33	ng	-0.02
7) Phenol-d6	6.47	99	32543	1.23	ng	-0.02
23) Nitrobenzene-d5	7.41	82	16750	0.93	ng	-0.02
42) 2,4,6-Tribromophenol	10.69	330	5874	0.99	ng	0.00
45) 2-Fluorobiphenyl	9.22	172	45785	1.25	ng	-0.01
79) Terphenyl-d14	12.97	244	46398	1.06	ng	0.00

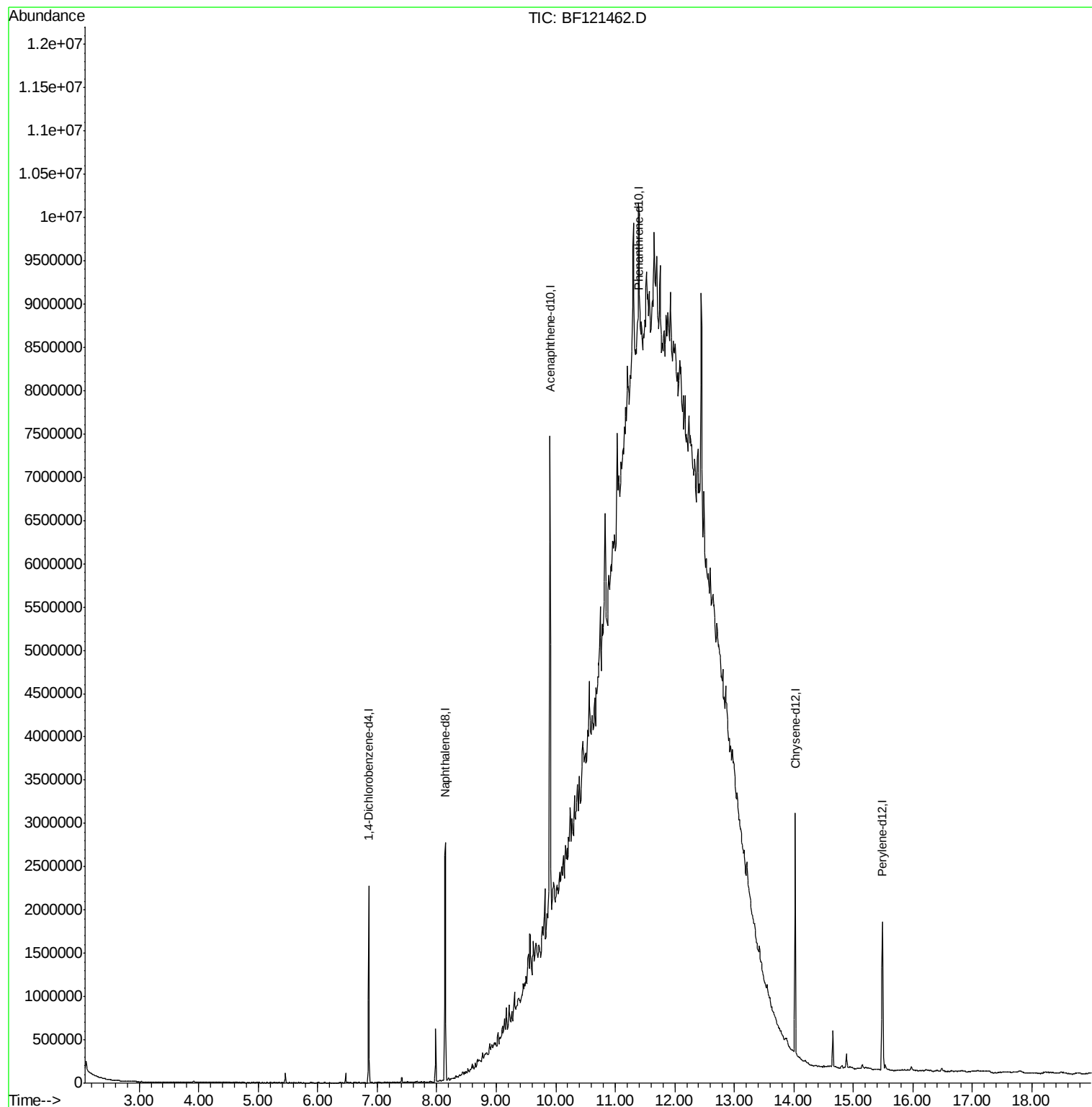
Target Compounds Qvalue

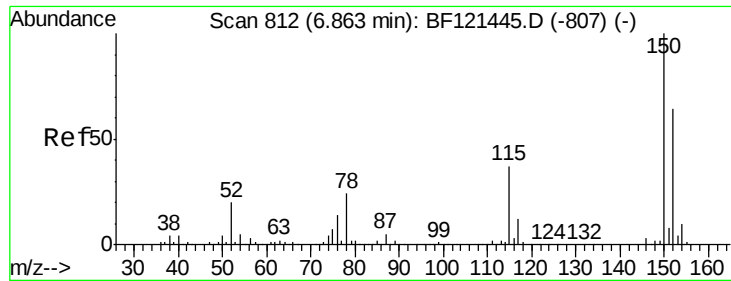
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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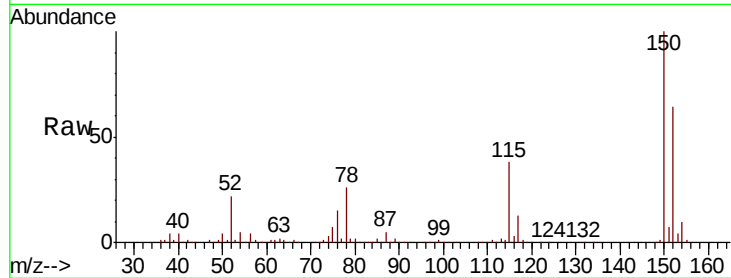


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.86 min Scan# 811
Delta R.T. -0.01 min
Lab File: BF121462.D
Acq: 28 Aug 2020 16:25

Instrument :
BNA_F
ClientSampleId :
OIL-1

Tot Ion	Ratio	Lower	Upper
152	100		
150	157.3	125.8	188.6
115	60.0	46.6	69.8

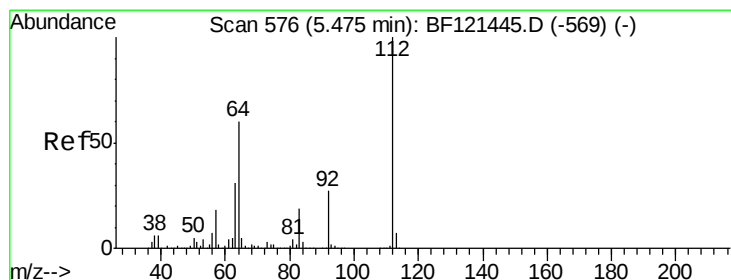
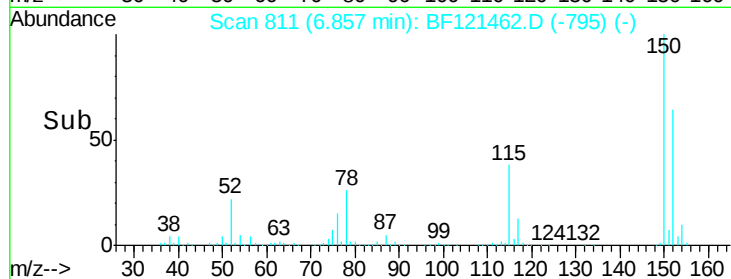
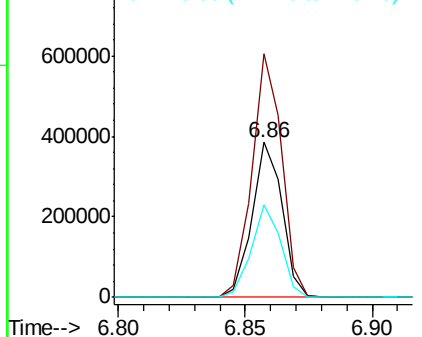


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

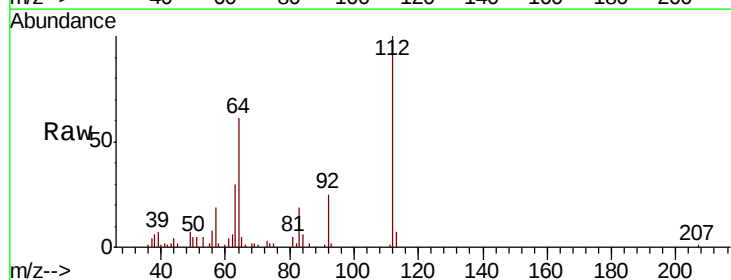
Ion 115.00 (114.70 to 115.70): E



#5

2-Fluorophenol
Concen: 1.330 ng
RT: 5.46 min Scan# 573
Delta R.T. -0.02 min
Lab File: BF121462.D
Acq: 28 Aug 2020 16:25

Tgt Ion	Ratio	Lower	Upper
112	100		
64	61.4	48.2	72.2
63	30.3	24.8	37.2

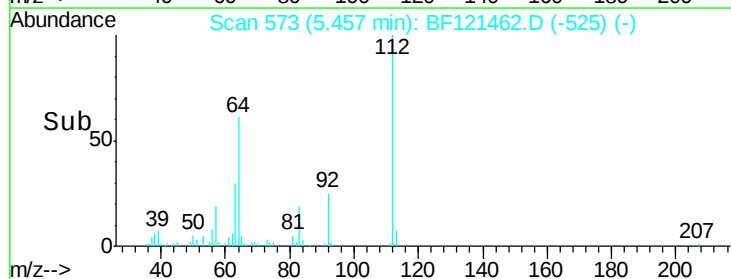
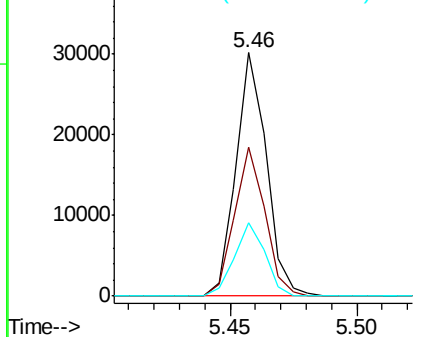


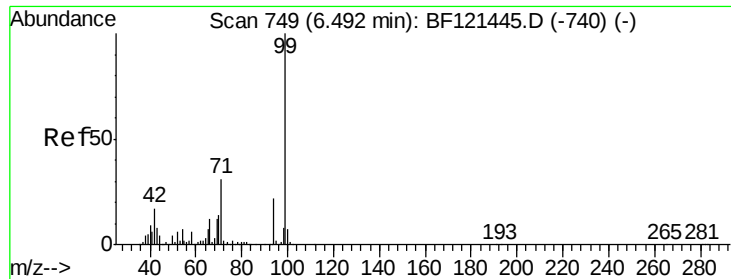
Abundance

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: 1.231 ng

RT: 6.47 min Scan# 745

Delta R.T. -0.02 min

Lab File: BF121462.D

Acq: 28 Aug 2020 16:25

Instrument :

BNA_F

ClientSampled :

OIL-1

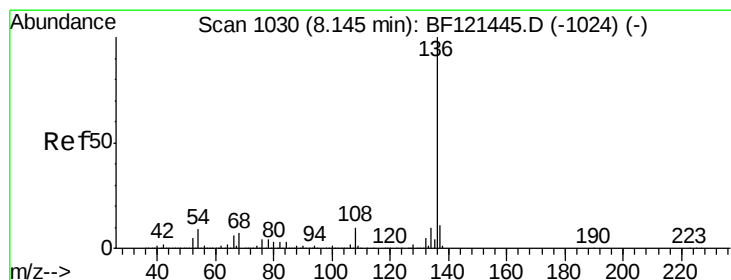
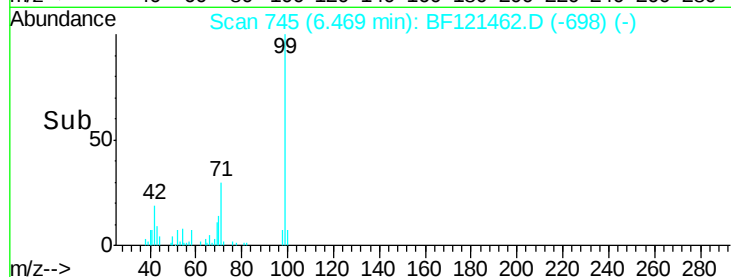
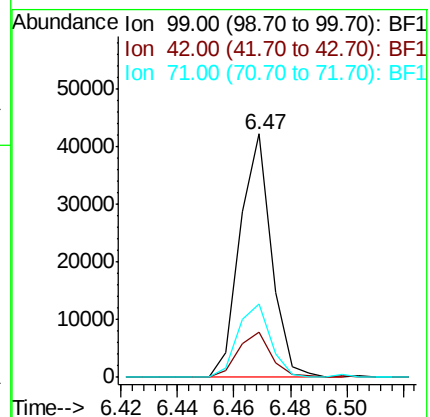
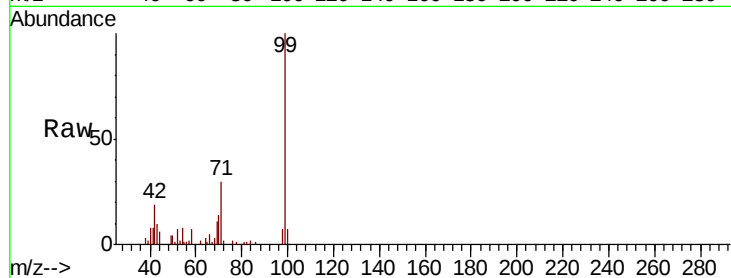
Tot Ion: 99 Resp: 32543

Ion Ratio Lower Upper

99 100

42 18.8 13.5 20.3

71 30.2 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: BF121462.D

Acq: 28 Aug 2020 16:25

Tgt Ion: 136 Resp: 1228219

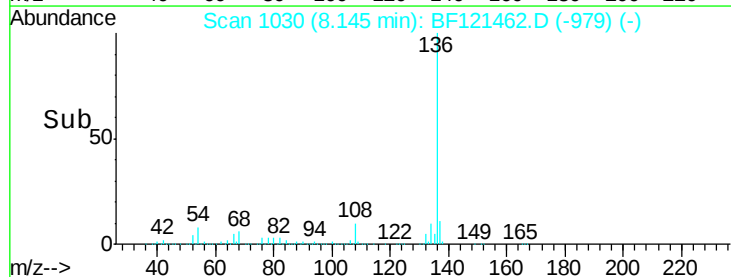
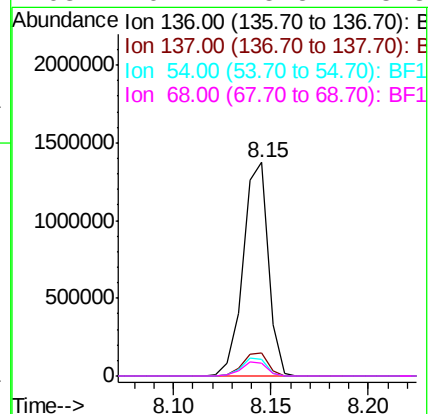
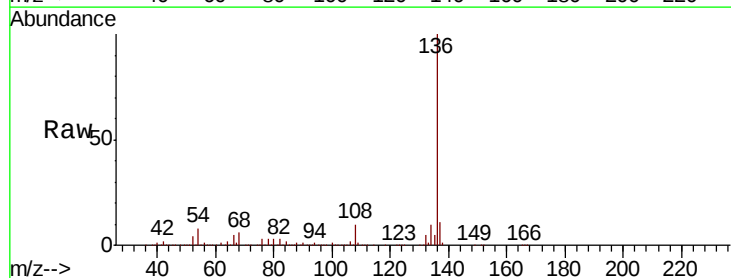
Ion Ratio Lower Upper

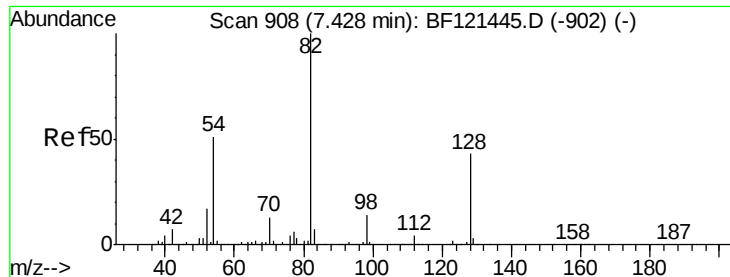
136 100

137 11.0 9.1 13.7

54 7.6 7.0 10.4

68 6.2 5.5 8.3

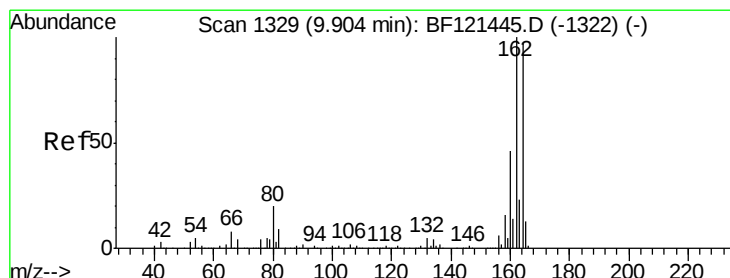
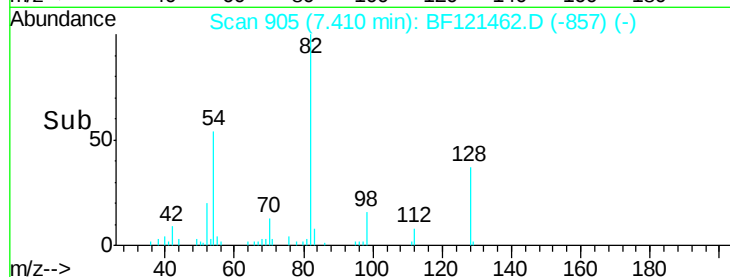
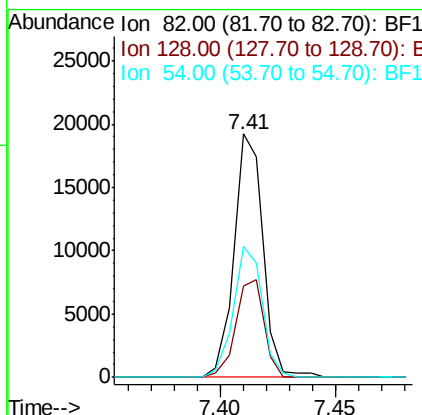
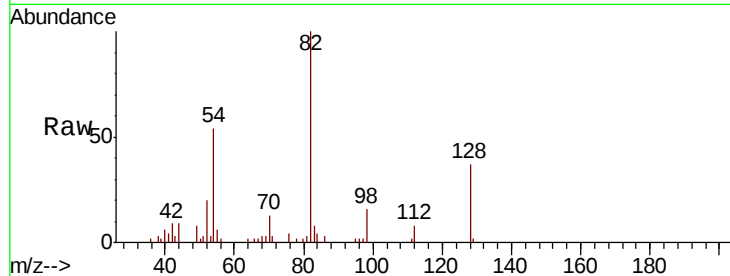




#23
Nitrobenzene-d5
Concen: 0.932 ng
RT: 7.41 min Scan# 905
Delta R.T. -0.02 min
Lab File: BF121462.D
Acq: 28 Aug 2020 16:25

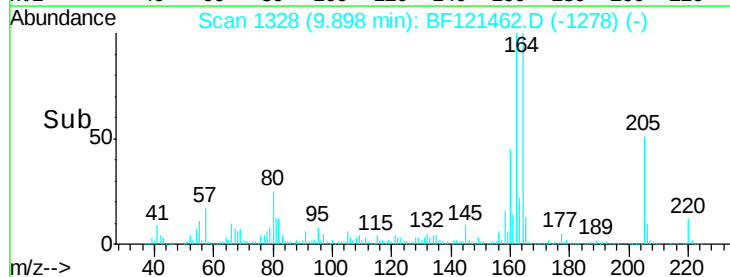
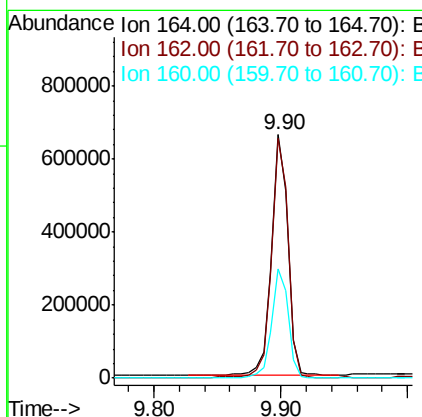
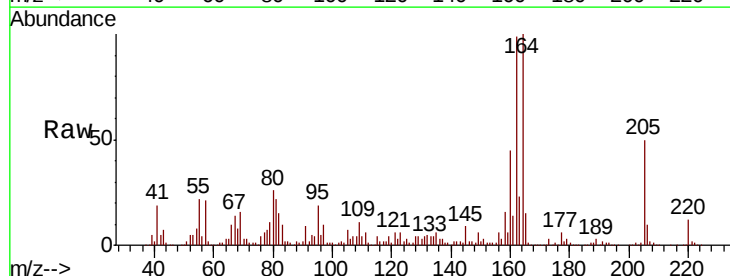
Instrument :
BNA_F
ClientSampleId :
OIL-1

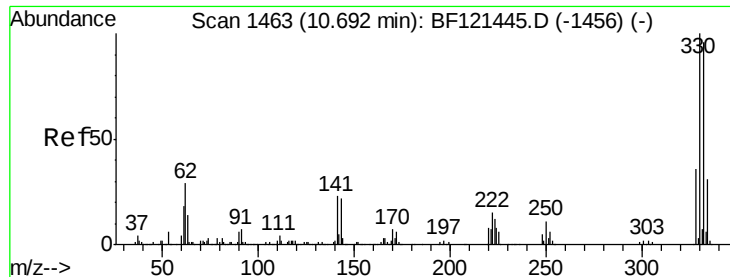
Tot Ion	82	Resp	16750
Ion Ratio	Lower	Upper	
82	100		
128	37.3	34.1	51.1
54	53.9	41.0	61.6



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.90 min Scan# 1328
Delta R.T. -0.01 min
Lab File: BF121462.D
Acq: 28 Aug 2020 16:25

Tgt Ion	164	Resp	589431
Ion Ratio	Lower	Upper	
164	100		
162	98.7	82.4	123.6
160	44.6	37.6	56.4





#42

2,4,6-Tribromophenol

Concen: 0.987 ng

RT: 10.69 min Scan# 1462

Delta R.T. -0.01 min

Lab File: BF121462.D

Acq: 28 Aug 2020 16:25

Instrument :

BNA_F

ClientSampled :

OIL-1

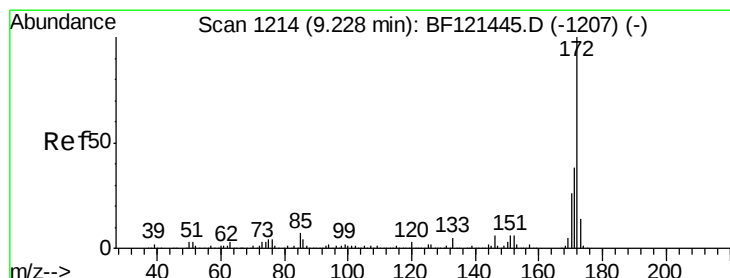
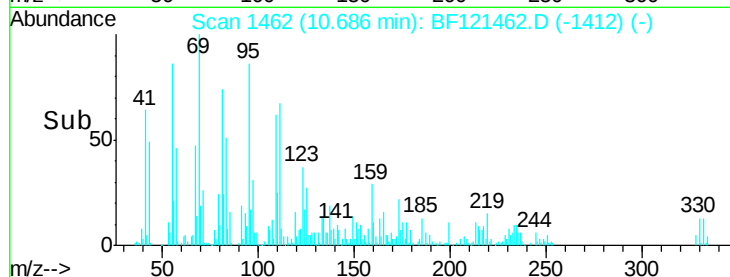
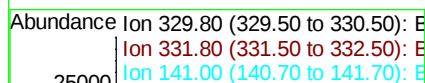
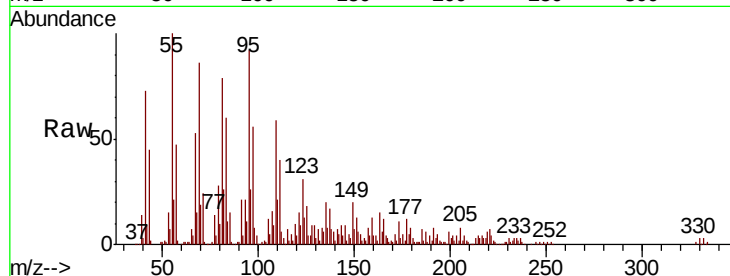
Tot Ion:330 Resp: 5874

Ion Ratio Lower Upper

330 100

332 96.9 76.2 114.2

141 87.1 24.6 36.8#



#45

2-Fluorobiphenyl

Concen: 1.253 ng

RT: 9.22 min Scan# 1212

Delta R.T. -0.01 min

Lab File: BF121462.D

Acq: 28 Aug 2020 16:25

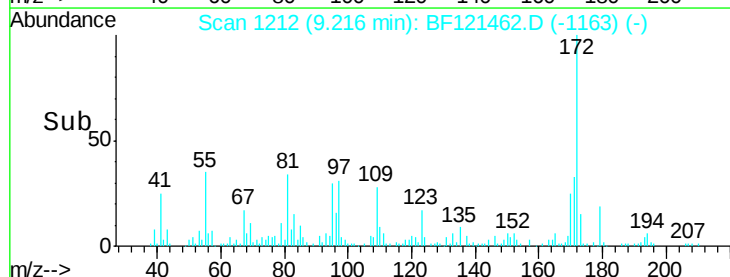
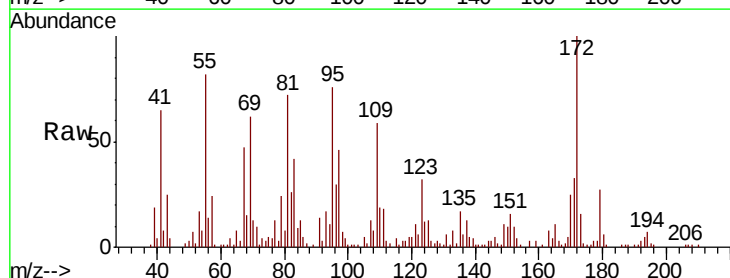
Tgt Ion:172 Resp: 45785

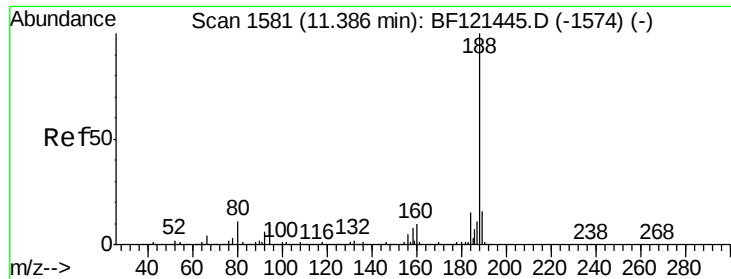
Ion Ratio Lower Upper

172 100

171 33.2 30.6 45.8

170 24.8 20.6 31.0

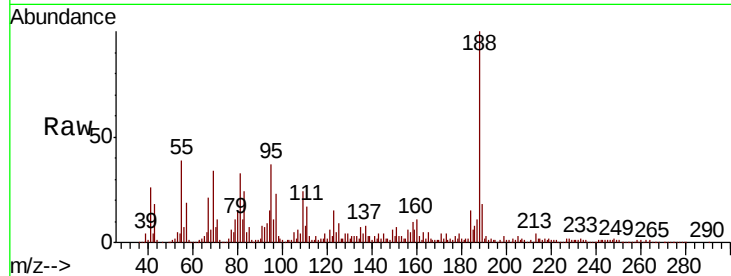




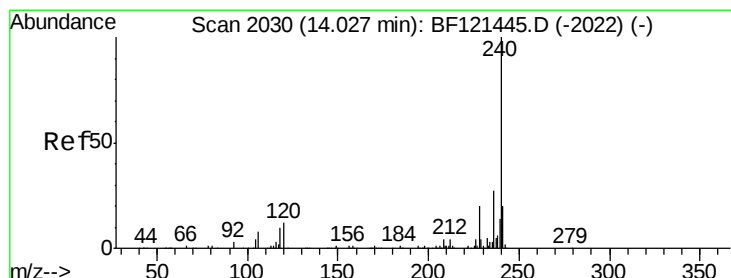
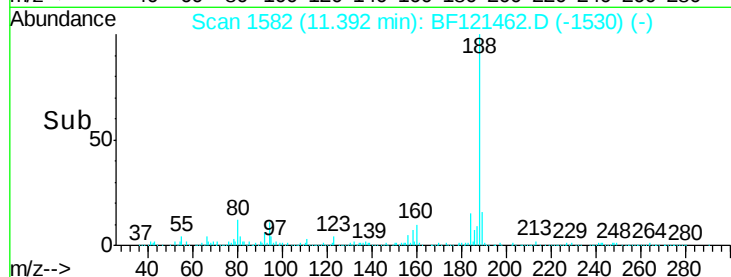
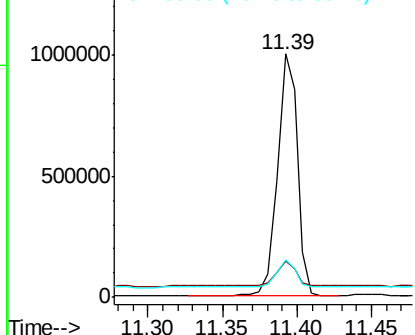
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.39 min Scan# 1582
Delta R.T. 0.01 min
Lab File: BF121462.D
Acq: 28 Aug 2020 16:25

Instrument :
BNA_F
ClientSampled :
OIL-1

Tot Ion:188 Resp: 934181
Ion Ratio Lower Upper
188 100
94 15.0 8.3 12.5#
80 15.2 8.6 13.0#

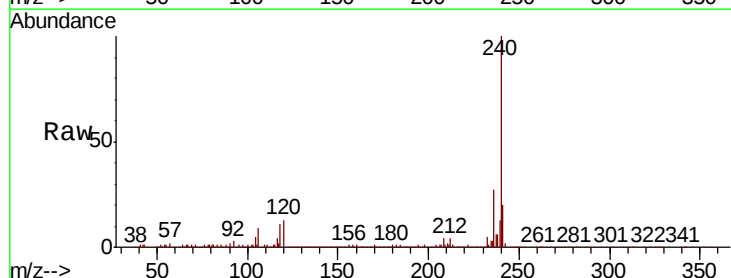


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BF1
Ion 80.00 (79.70 to 80.70): BF1

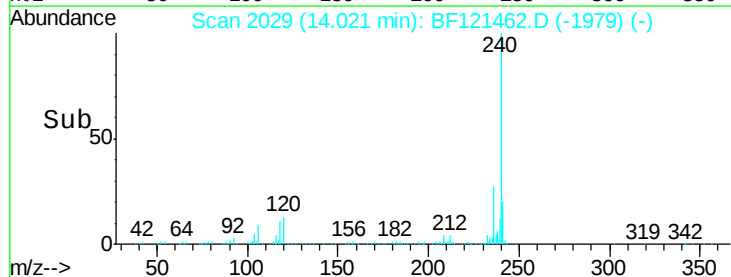
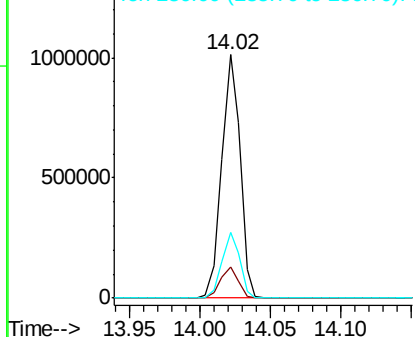


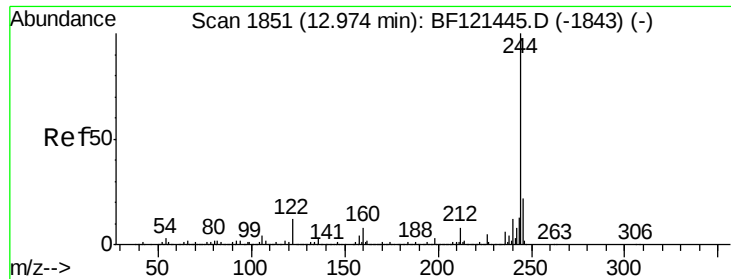
#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.02 min Scan# 2029
Delta R.T. -0.01 min
Lab File: BF121462.D
Acq: 28 Aug 2020 16:25

Tgt Ion:240 Resp: 918393
Ion Ratio Lower Upper
240 100
120 12.8 9.5 14.3
236 26.9 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: 1.063 ng

RT: 12.97 min Scan# 1851

Delta R.T. -0.00 min

Lab File: BF121462.D

Acq: 28 Aug 2020 16:25

Instrument :

BNA_F

ClientSampleId :

OIL-1

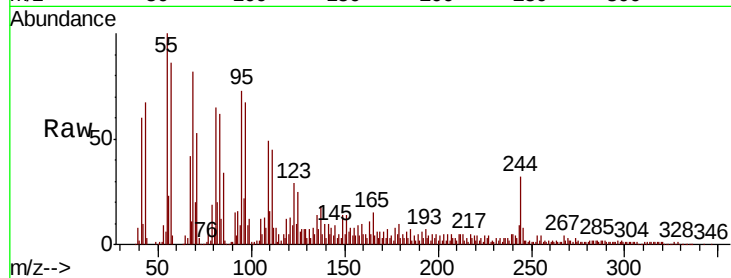
Tot Ion:244 Resp: 46398

Ion Ratio Lower Upper

244 100

212 14.0 6.3 9.5#

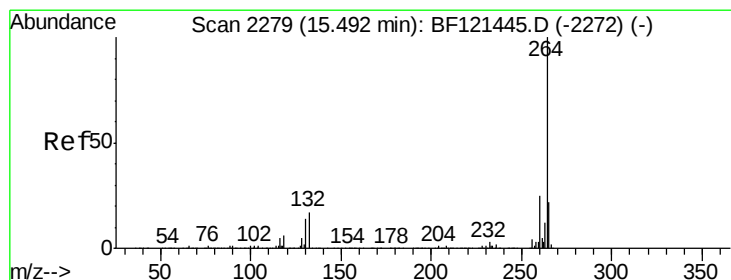
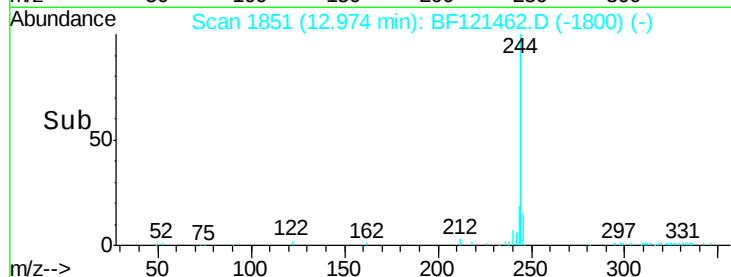
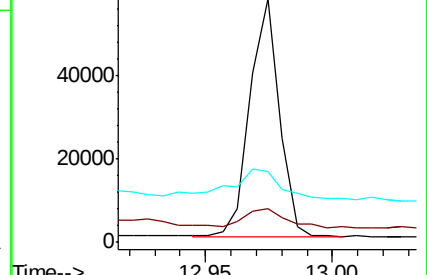
122 29.3 9.5 14.3#



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: BF121462.D

Acq: 28 Aug 2020 16:25

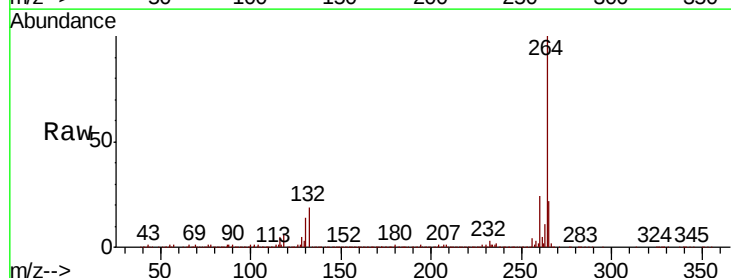
Tgt Ion:264 Resp: 818382

Ion Ratio Lower Upper

264 100

260 24.1 19.6 29.4

265 21.8 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

