

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF090120\
 Data File : BF121513.D
 Acq On : 1 Sep 2020 23:48
 Operator : JU/CG
 Sample : L3857-10 10X
 Misc :
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 OIL

Quant Time: Sep 02 04:06:12 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	271934	20.00	ng	0.00
21) Naphthalene-d8	8.14	136	1013032	20.00	ng	0.00
39) Acenaphthene-d10	9.90	164	491862	20.00	ng	0.00
64) Phenanthrene-d10	11.39	188	767797	20.00	ng	0.00
76) Chrysene-d12	14.03	240	647526	20.00	ng	0.00
86) Perylene-d12	15.50	264	697764	20.00	ng	0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.46	112	17776	1.10	ng	-0.02
7) Phenol-d6	6.47	99	24590	1.09	ng	-0.02
23) Nitrobenzene-d5	7.41	82	13518	0.91	ng	-0.02
42) 2,4,6-Tribromophenol	10.69	330	5038	1.01	ng	0.00
45) 2-Fluorobiphenyl	9.22	172	35862	1.18	ng	-0.01
79) Terphenyl-d14	12.97	244	29751	0.97	ng	0.00

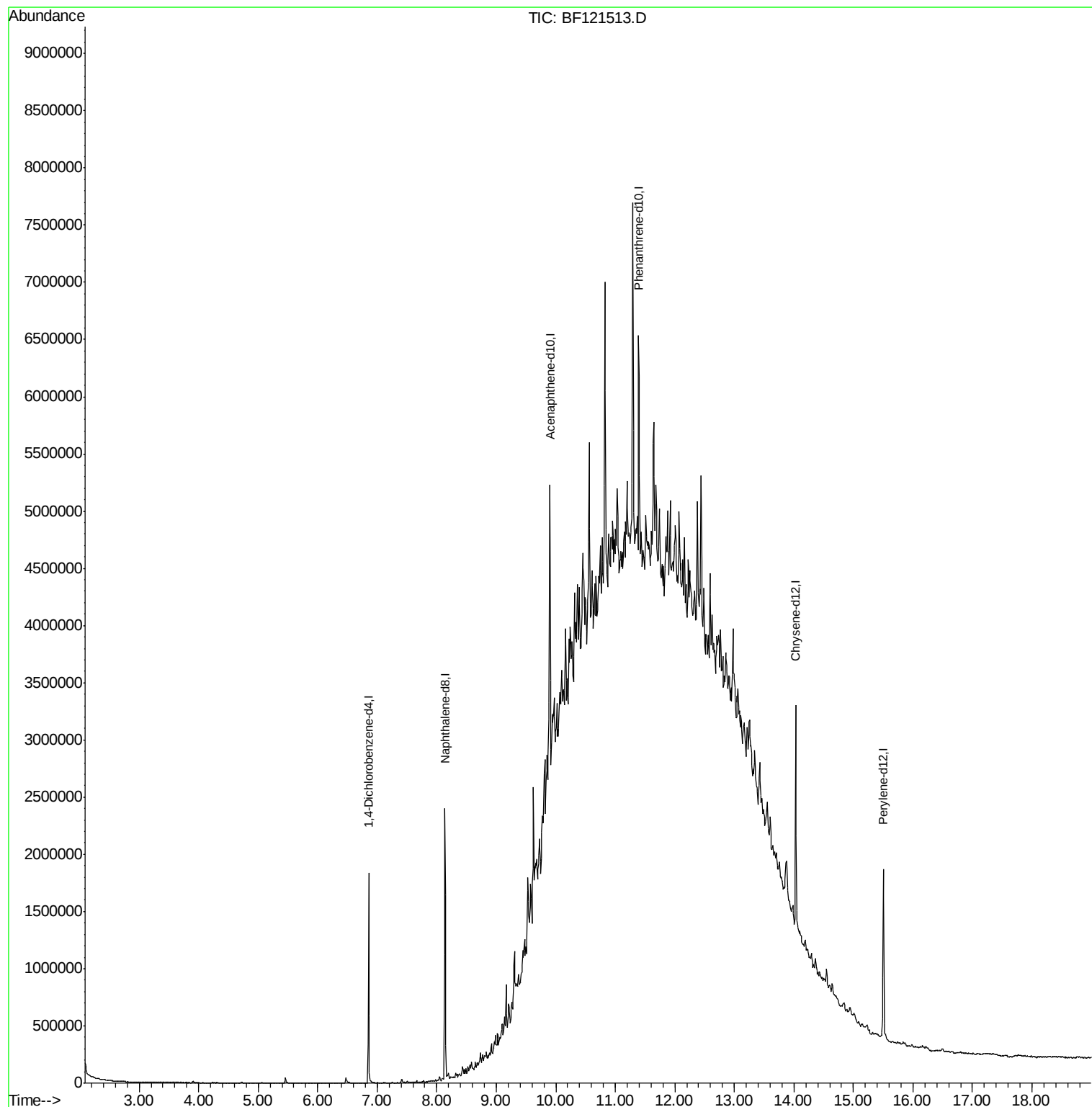
Target Compounds Qvalue

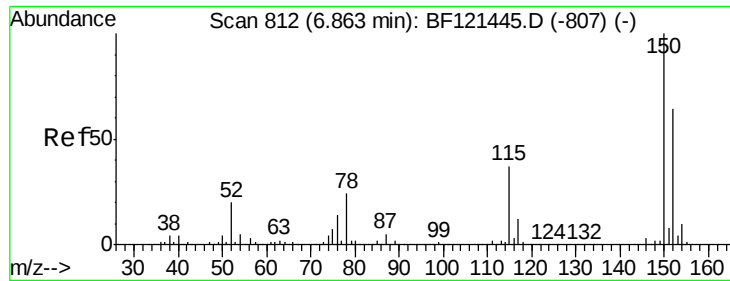
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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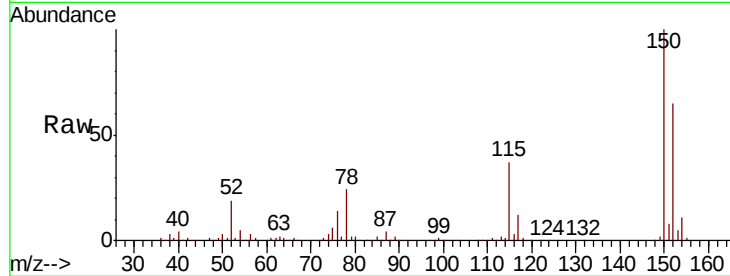


#1

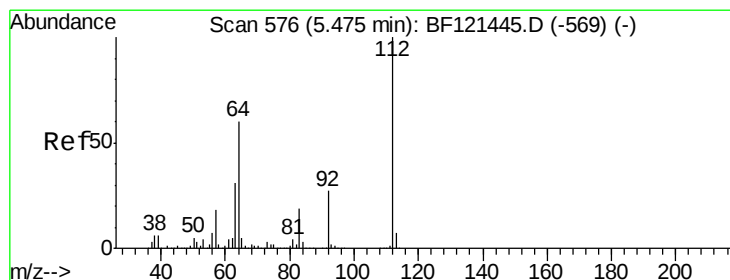
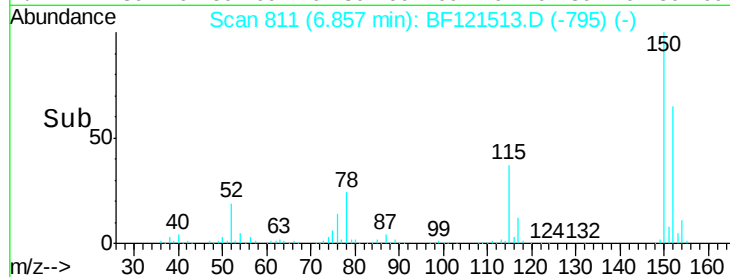
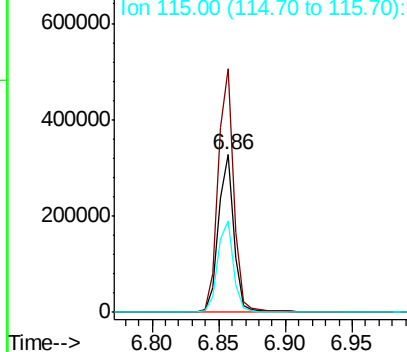
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.86 min Scan# 811
Delta R.T. -0.01 min
Lab File: BF121513.D
Acq: 1 Sep 2020 23:48

Instrument :
BNA_F
ClientSampleId :
OIL

Tot Ion:152 Resp: 271934
Ion Ratio Lower Upper
152 100
150 154.8 125.8 188.6
115 57.8 46.6 69.8



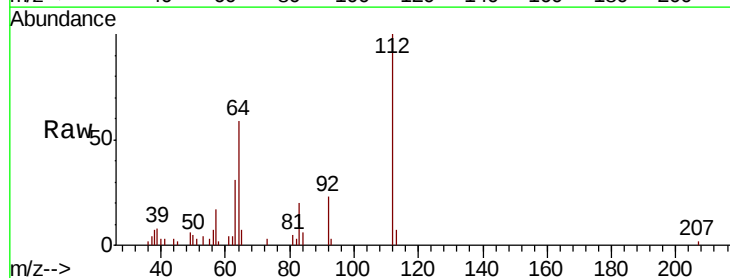
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



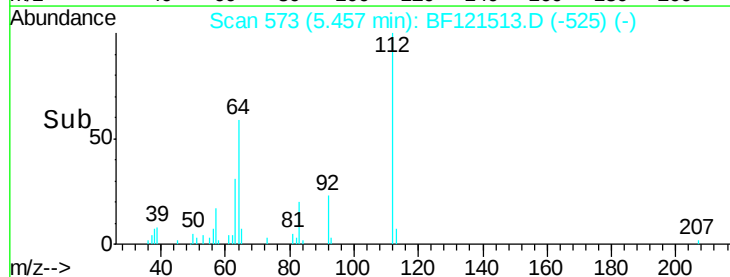
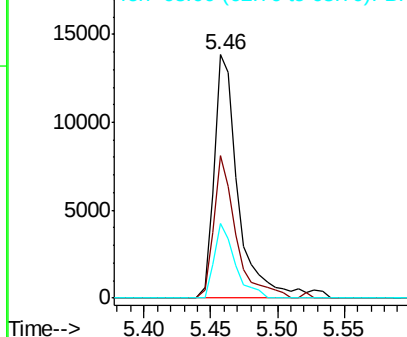
#5

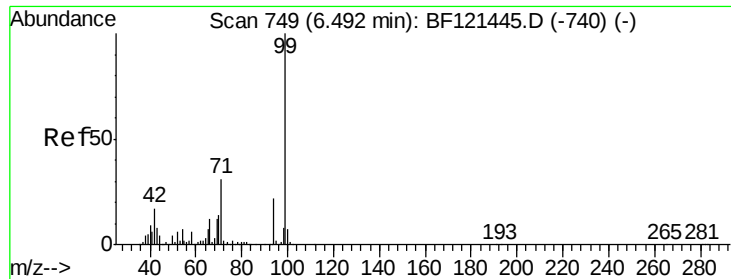
2-Fluorophenol
Concen: 1.097 ng
RT: 5.46 min Scan# 573
Delta R.T. -0.02 min
Lab File: BF121513.D
Acq: 1 Sep 2020 23:48

Tgt Ion:112 Resp: 17776
Ion Ratio Lower Upper
112 100
64 58.8 48.2 72.2
63 30.5 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: 1.086 ng

RT: 6.47 min Scan# 746

Delta R.T. -0.02 min

Lab File: BF121513.D

Acq: 1 Sep 2020 23:48

Instrument :

BNA_F

ClientSampled :

OIL

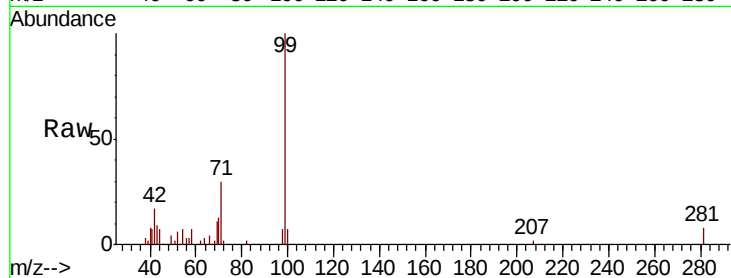
Tot Ion: 99 Resp: 24590

Ion Ratio Lower Upper

99 100

42 17.3 13.5 20.3

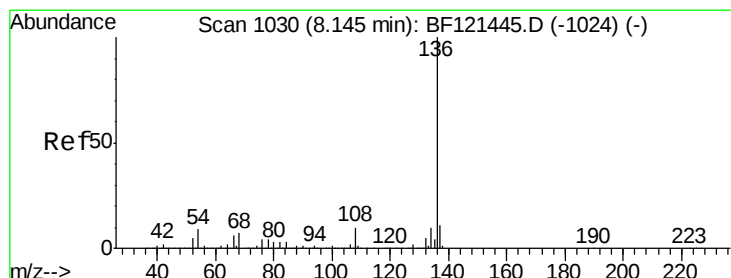
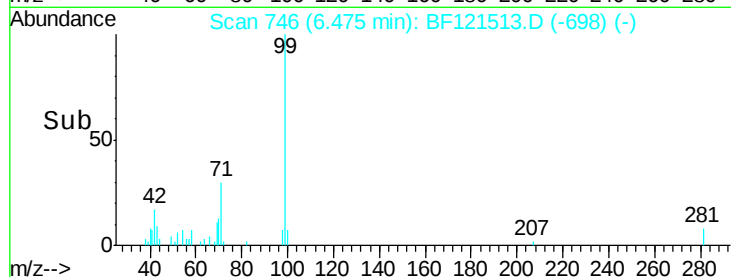
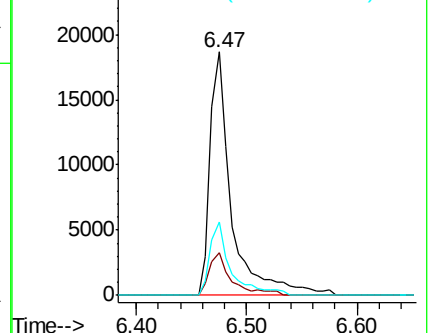
71 30.1 24.6 37.0



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: 8.14 min Scan# 1029

Delta R.T. -0.01 min

Lab File: BF121513.D

Acq: 1 Sep 2020 23:48

Tgt Ion: 136 Resp: 1013032

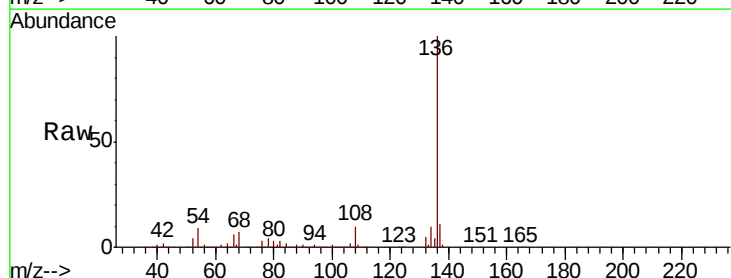
Ion Ratio Lower Upper

136 100

137 11.4 9.1 13.7

54 8.6 7.0 10.4

68 7.2 5.5 8.3

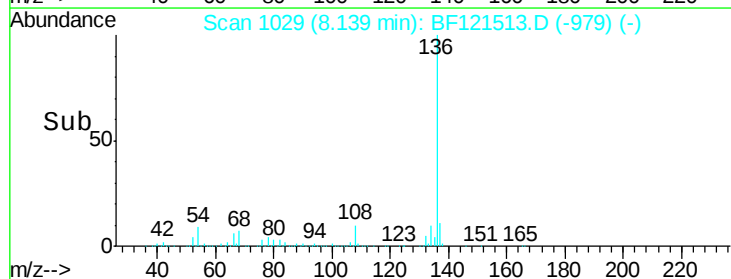
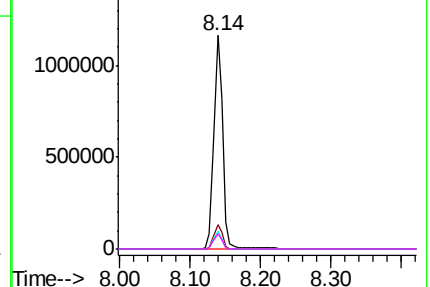


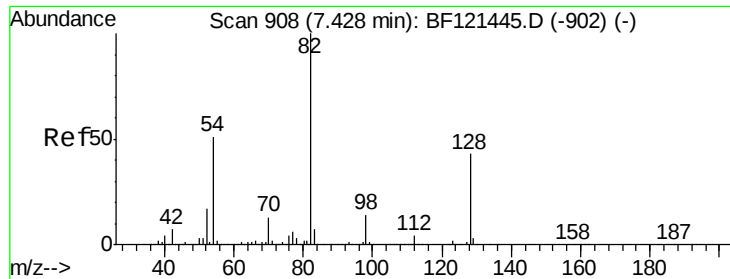
Abundance Ion 136.00 (135.70 to 136.70): E

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

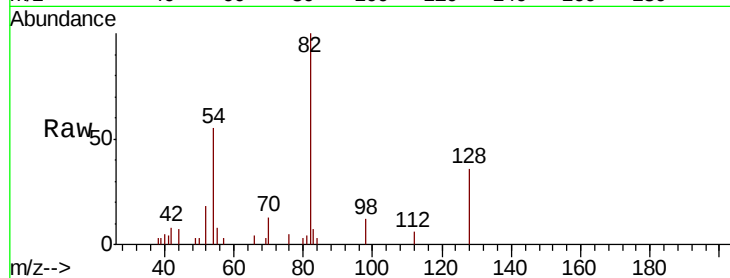




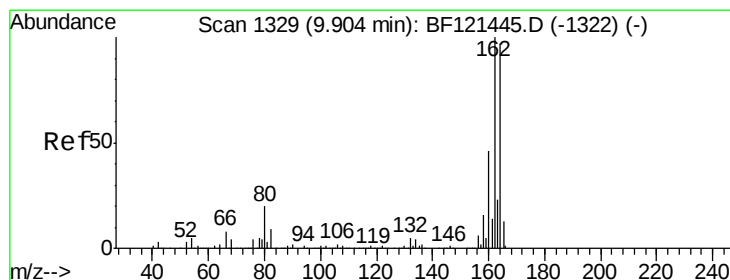
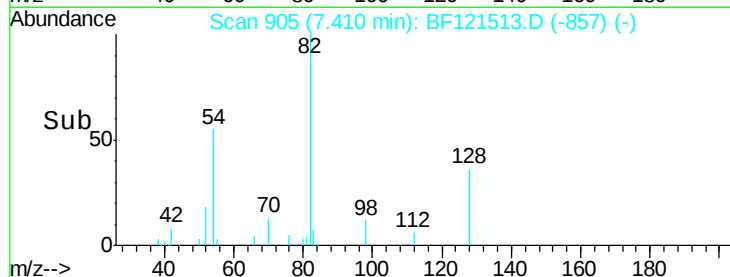
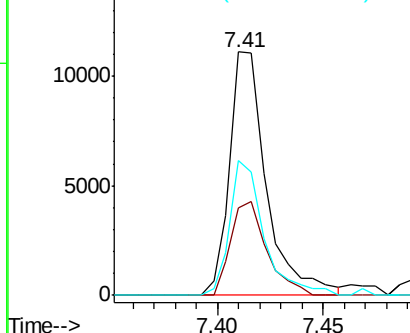
#23
Nitrobenzene-d5
Concen: 0.912 ng
RT: 7.41 min Scan# 905
Delta R.T. -0.02 min
Lab File: BF121513.D
Acq: 1 Sep 2020 23:48

Instrument :
BNA_F
ClientSampleId :
OIL

Tot Ion	82	Resp	13518
Ion Ratio	Lower	Upper	
82	100		
128	35.8	34.1	51.1
54	55.5	41.0	61.6

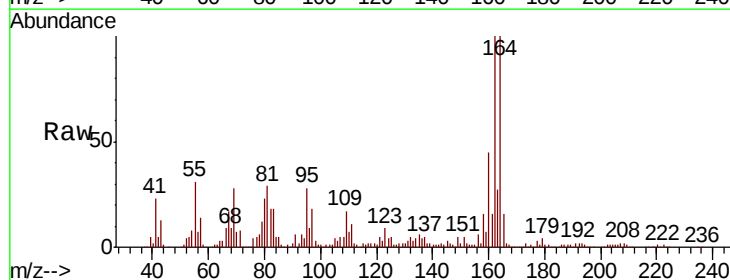


Abundance Ion 82.00 (81.70 to 82.70): BF1
Ion 128.00 (127.70 to 128.70): BF1
Ion 54.00 (53.70 to 54.70): BF1

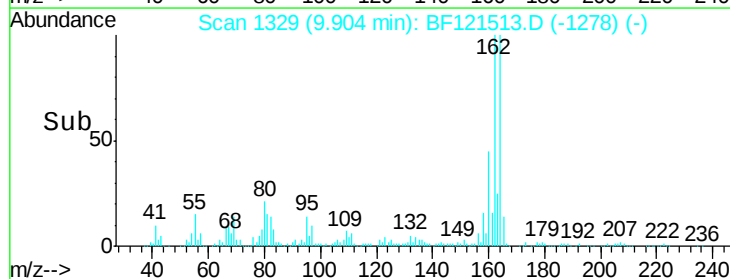
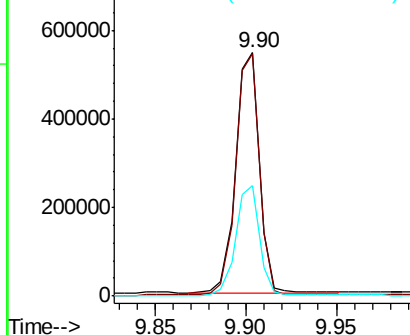


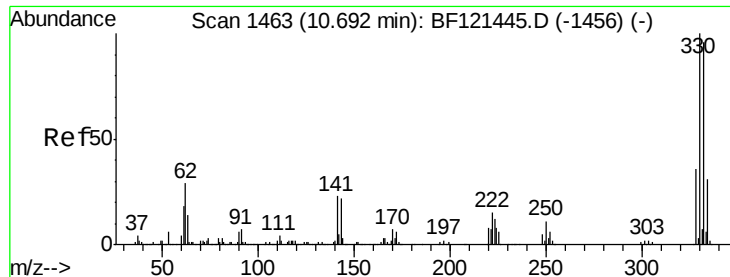
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.90 min Scan# 1329
Delta R.T. -0.00 min
Lab File: BF121513.D
Acq: 1 Sep 2020 23:48

Tgt Ion	164	Resp	491862
Ion Ratio	Lower	Upper	
164	100		
162	99.7	82.4	123.6
160	45.3	37.6	56.4



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: 1.014 ng

RT: 10.69 min Scan# 1463

Delta R.T. -0.00 min

Lab File: BF121513.D

Acq: 1 Sep 2020 23:48

Instrument :

BNA_F

ClientSampled :

OIL

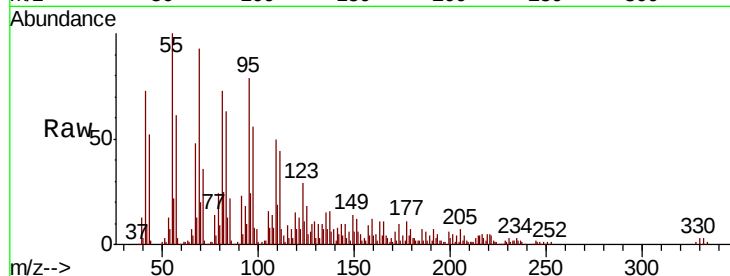
Tot Ion:330 Resp: 5038

Ion Ratio Lower Upper

330 100

332 96.8 76.2 114.2

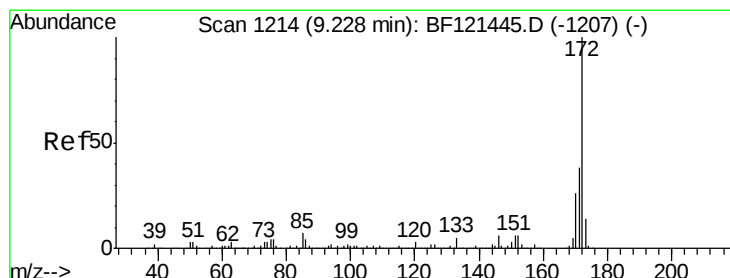
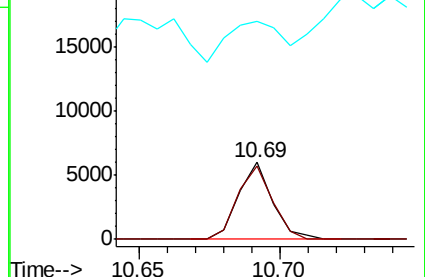
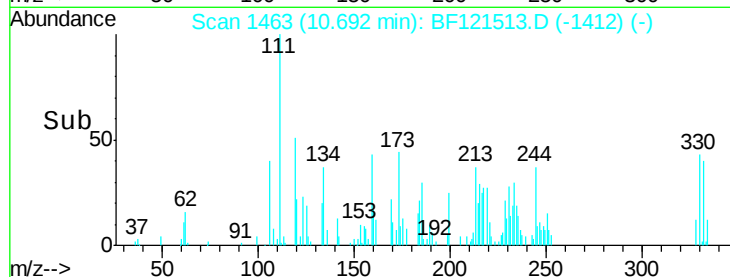
141 82.2 24.6 36.8#



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: 1.176 ng

RT: 9.22 min Scan# 1212

Delta R.T. -0.01 min

Lab File: BF121513.D

Acq: 1 Sep 2020 23:48

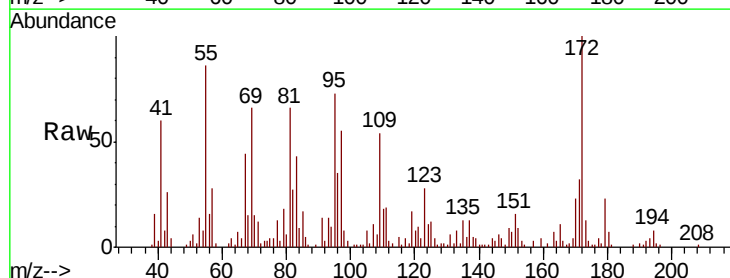
Tgt Ion:172 Resp: 35862

Ion Ratio Lower Upper

172 100

171 31.5 30.6 45.8

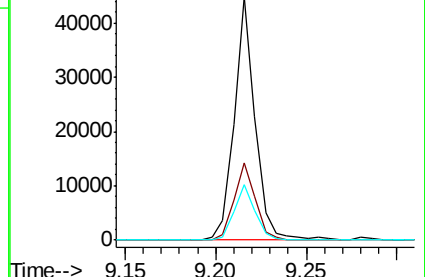
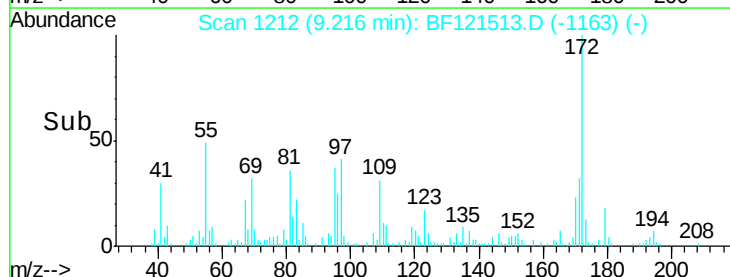
170 22.9 20.6 31.0

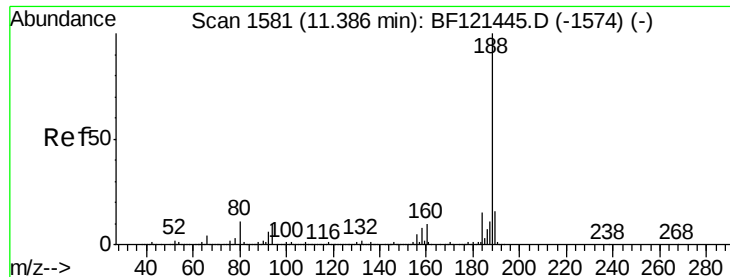


Abundance Ion 172.00 (171.70 to 172.70): E

Ion 171.00 (170.70 to 171.70): E

Ion 170.00 (169.70 to 170.70): E

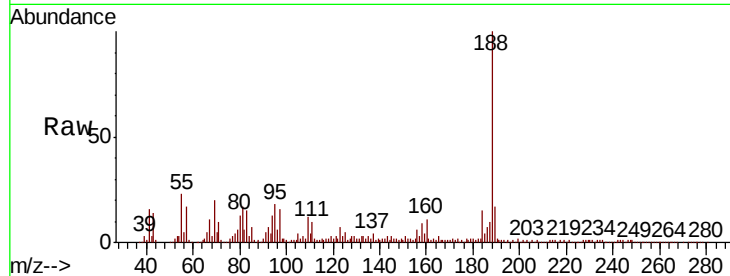




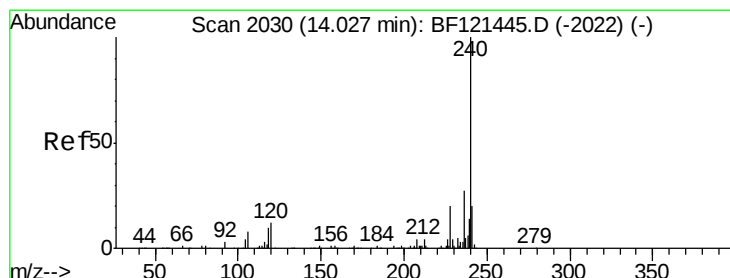
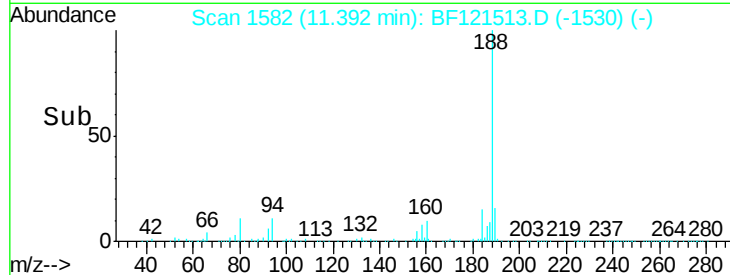
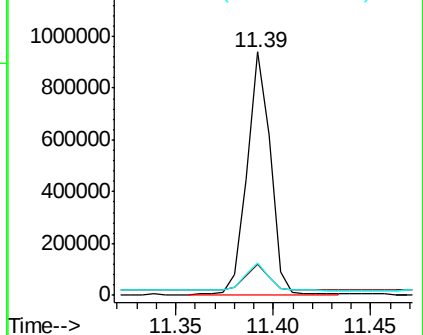
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.39 min Scan# 1582
Delta R.T. 0.01 min
Lab File: BF121513.D
Acq: 1 Sep 2020 23:48

Instrument :
BNA_F
ClientSampleId :
OIL

Tot Ion:188 Resp: 767797
Ion Ratio Lower Upper
188 100
94 13.0 8.3 12.5#
80 13.5 8.6 13.0#

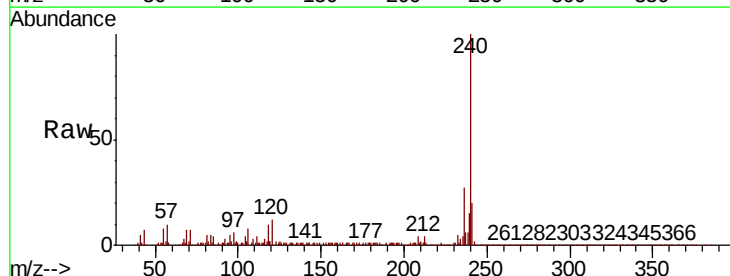


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BF1
Ion 80.00 (79.70 to 80.70): BF1

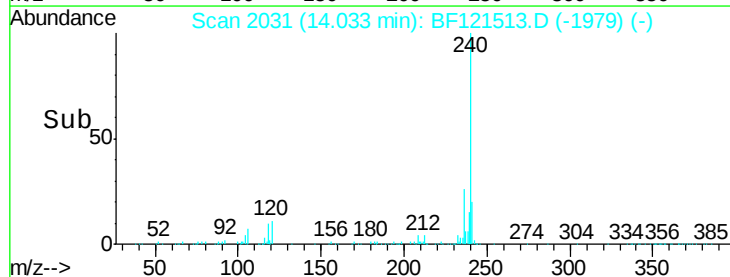
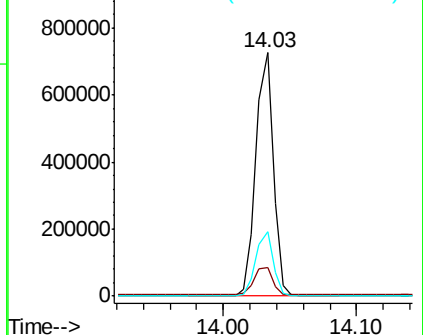


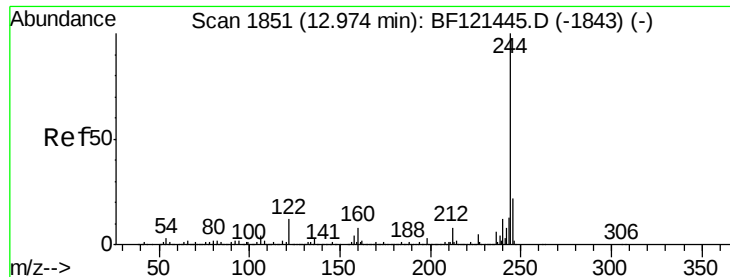
#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.03 min Scan# 2031
Delta R.T. 0.01 min
Lab File: BF121513.D
Acq: 1 Sep 2020 23:48

Tgt Ion:240 Resp: 647526
Ion Ratio Lower Upper
240 100
120 11.7 9.5 14.3
236 26.7 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: 0.967 ng

RT: 12.97 min Scan# 1851

Delta R.T. -0.00 min

Lab File: BF121513.D

Acq: 1 Sep 2020 23:48

Instrument :

BNA_F

ClientSampleId :

OIL

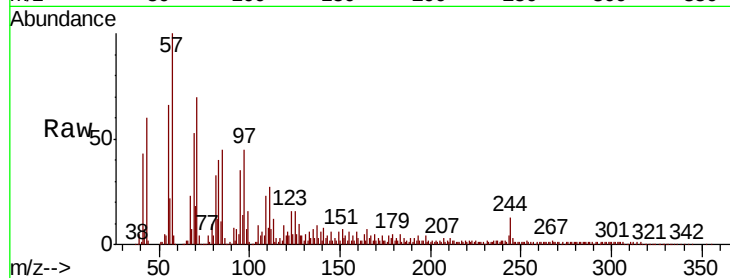
Tot Ion:244 Resp: 29751

Ion Ratio Lower Upper

244 100

212 12.9 6.3 9.5#

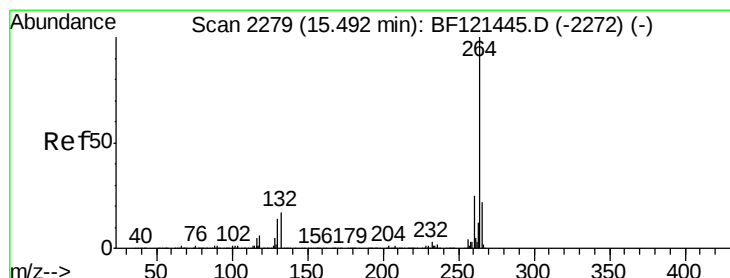
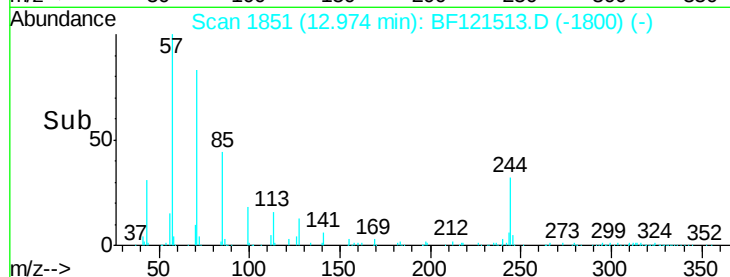
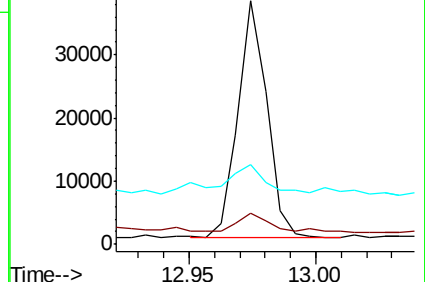
122 32.7 9.5 14.3#



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: 15.50 min Scan# 2281

Delta R.T. 0.01 min

Lab File: BF121513.D

Acq: 1 Sep 2020 23:48

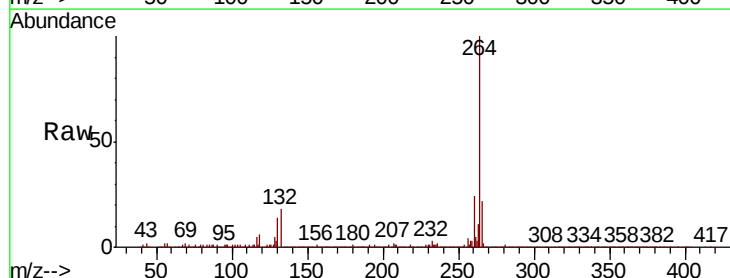
Tgt Ion:264 Resp: 697764

Ion Ratio Lower Upper

264 100

260 23.8 19.6 29.4

265 22.0 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

