

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF101320\
 Data File : BF121949.D
 Acq On : 13 Oct 2020 20:52
 Operator : JU/CG
 Sample : L4375-04 10X
 Misc :
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 OIL-1

Quant Time: Oct 14 02:08:09 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF101220.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Oct 12 16:22:33 2020
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

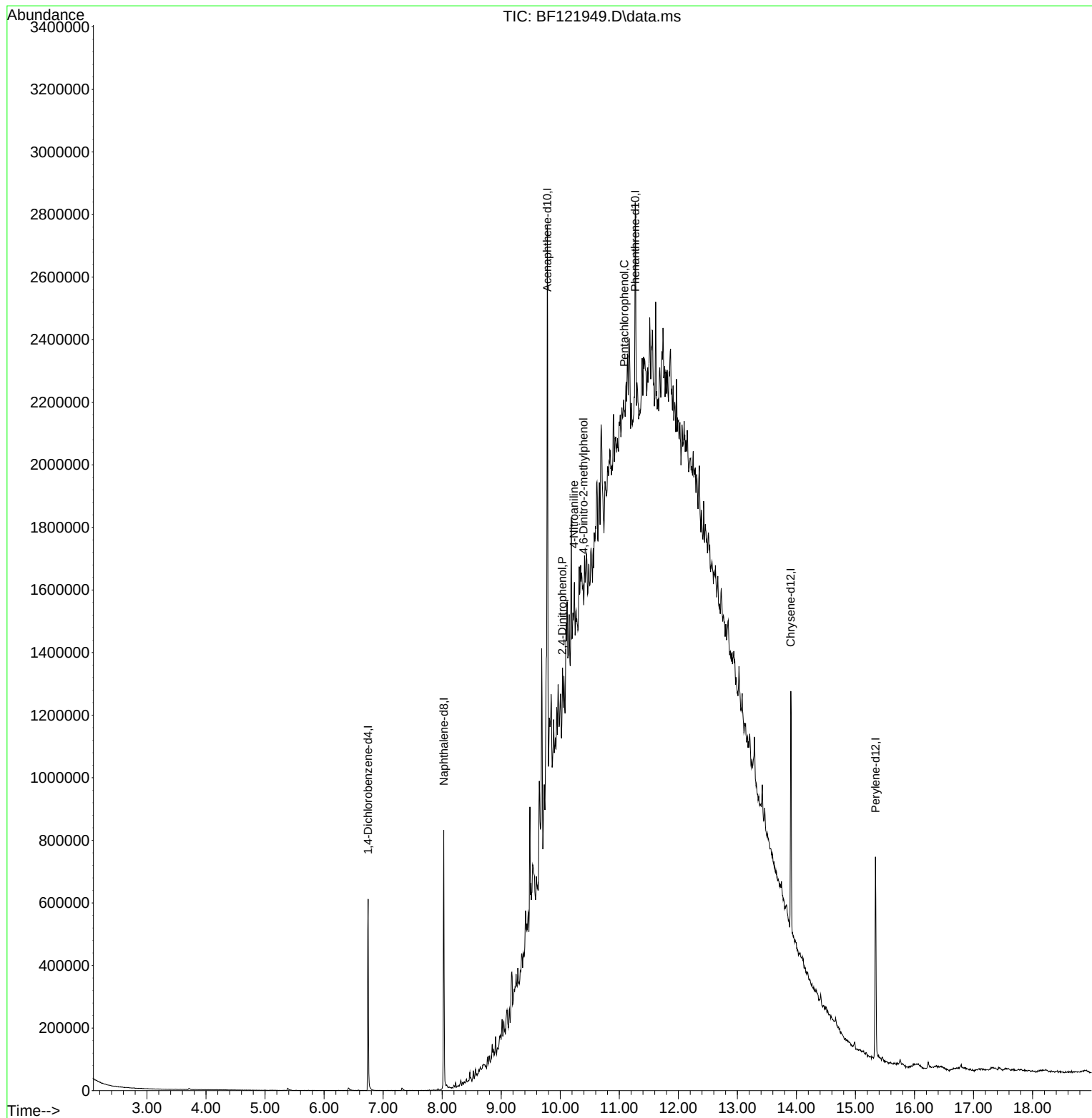
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.745	152	94680	20.00	ng	0.00
21) Naphthalene-d8	8.027	136	361335	20.00	ng	0.00
39) Acenaphthene-d10	9.780	164	143869	20.00	ng	0.00
64) Phenanthrene-d10	11.268	188	240554	20.00	ng	# 0.00
76) Chrysene-d12	13.904	240	269824	20.00	ng	-0.01
86) Perylene-d12	15.339	264	269643	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.381	112	5475	0.85	ng	0.02
7) Phenol-d6	6.410	99	7746	0.94	ng	0.01
23) Nitrobenzene-d5	7.316	82	5509	0.78	ng	0.00
42) 2,4,6-Tribromophenol	10.580	330	1595	0.90	ng	0.00
45) 2-Fluorobiphenyl	9.098	172	12507	1.28	ng	-0.01
79) Terphenyl-d14	12.851	244	13074	0.92	ng	-0.01
Target Compounds						
54) 2,4-Dinitrophenol	10.033	184	126	8.78	ng	# 1
62) 4-Nitroaniline	10.233	138	6879	2.62	ng	88
65) 4,6-Dinitro-2-methylph...	10.392	198	306	4.61	ng	# 1
70) Pentachlorophenol	11.086	266	1006	8.68	ng	# 1

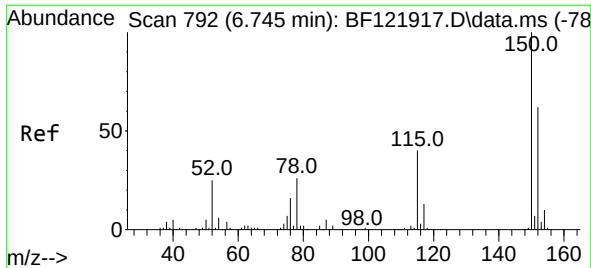
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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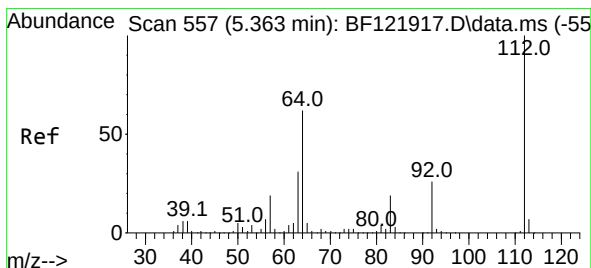
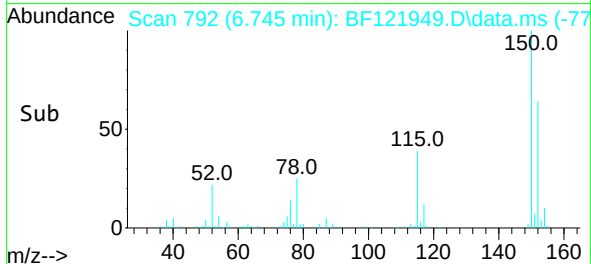
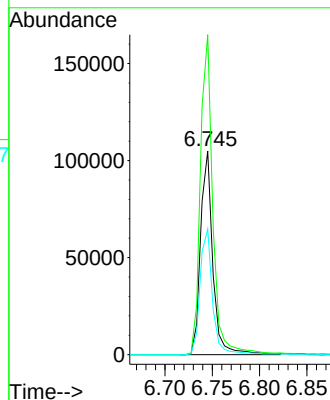
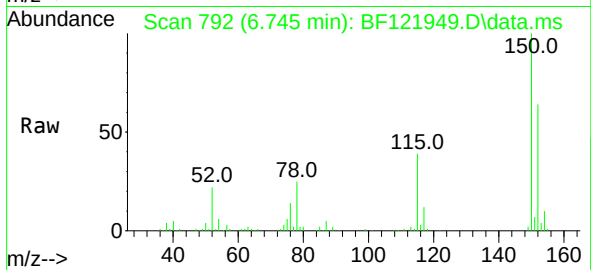




#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.745 min Scan# 792
Delta R.T. 0.000 min
Lab File: BF121949.D
Acq: 13 Oct 2020 20:52

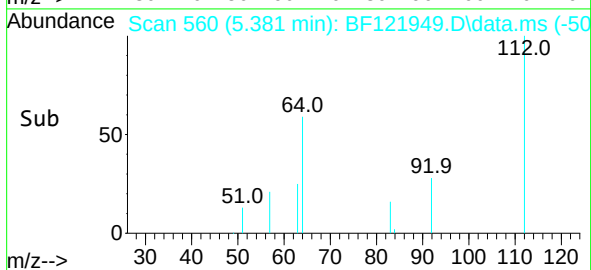
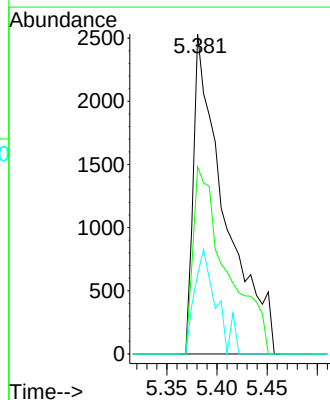
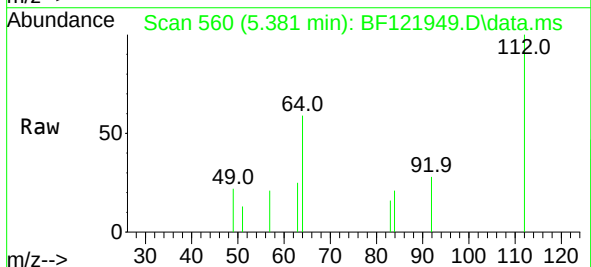
Instrument :
BNA_F
ClientSampleId :
OIL-1

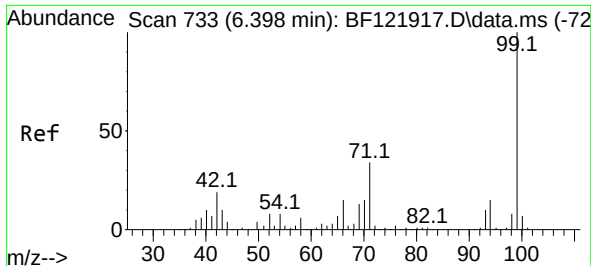
Tgt Ion:152 Resp: 94680
Ion Ratio Lower Upper
152 100
150 157.1 125.3 187.9
115 61.7 51.9 77.9



#5
2-Fluorophenol
Concen: 0.85 ng
RT: 5.381 min Scan# 560
Delta R.T. 0.017 min
Lab File: BF121949.D
Acq: 13 Oct 2020 20:52

Tgt Ion:112 Resp: 5475
Ion Ratio Lower Upper
112 100
64 58.5 50.4 75.6
63 24.8 25.8 38.6#

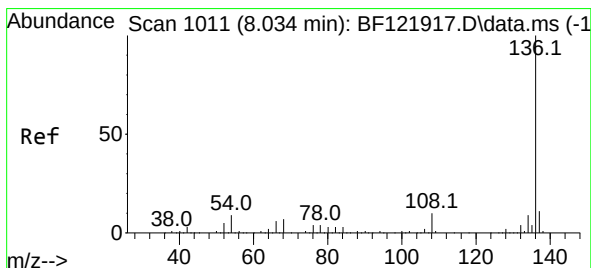
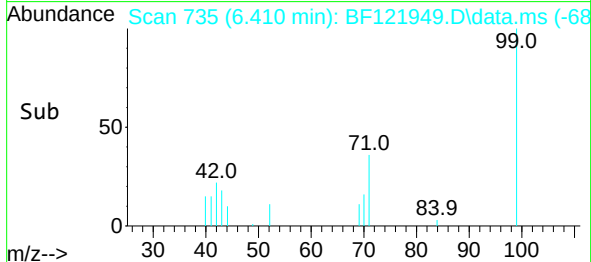
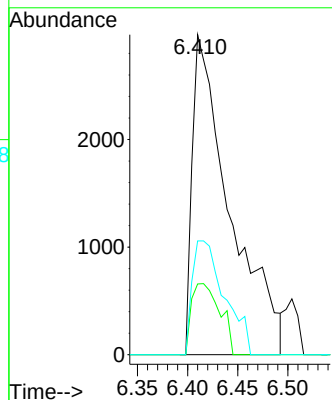
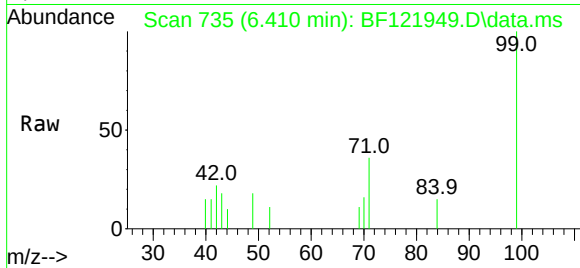




#7
Phenol-d6
Concen: 0.94 ng
RT: 6.410 min Scan# 735
Delta R.T. 0.012 min
Lab File: BF121949.D
Acq: 13 Oct 2020 20:52

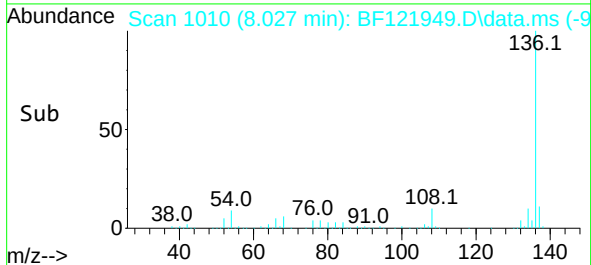
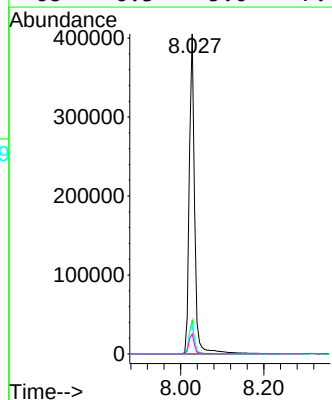
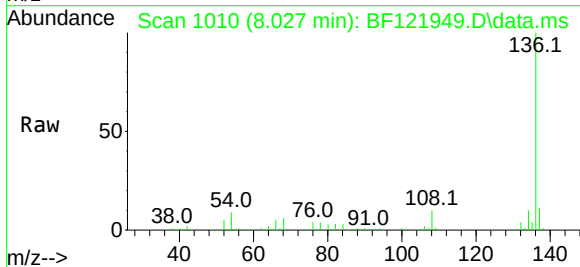
Instrument :
BNA_F
ClientSampled :
OIL-1

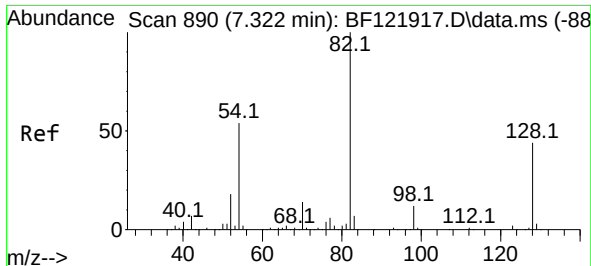
Tgt Ion: 99 Resp: 7746
Ion Ratio Lower Upper
99 100
42 22.1 15.9 23.9
71 35.6 27.1 40.7



#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.027 min Scan# 1010
Delta R.T. -0.007 min
Lab File: BF121949.D
Acq: 13 Oct 2020 20:52

Tgt Ion: 136 Resp: 361335
Ion Ratio Lower Upper
136 100
137 10.5 8.6 13.0
54 9.1 7.1 10.7
68 6.3 5.0 7.4





#23

Nitrobenzene-d5

Concen: 0.78 ng

RT: 7.316 min Scan# 889

Delta R.T. -0.006 min

Lab File: BF121949.D

Acq: 13 Oct 2020 20:52

Tgt Ion: 82 Resp: 5509

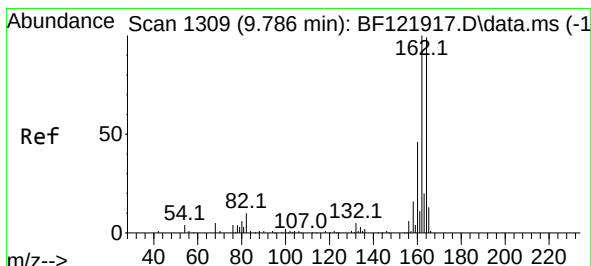
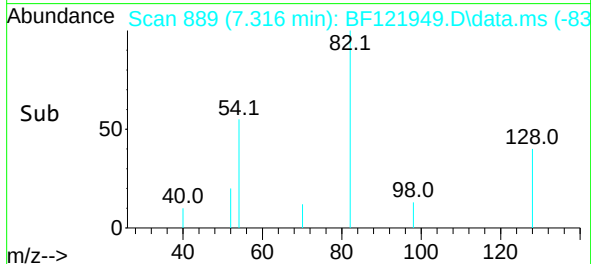
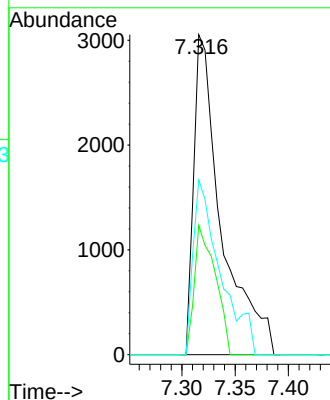
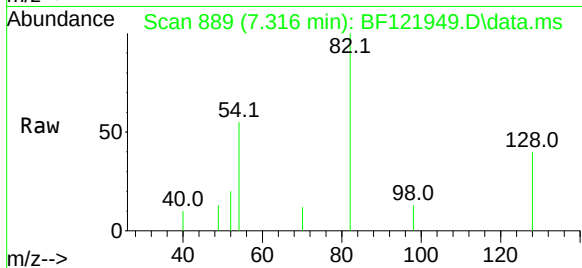
Ion	Ratio	Lower	Upper
82	100		
128	40.4	35.0	52.4
54	54.6	43.9	65.9

Instrument :

BNA_F

ClientSampleId :

OIL-1



#39

Acenaphthene-d10

Concen: 20.00 ng

RT: 9.780 min Scan# 1308

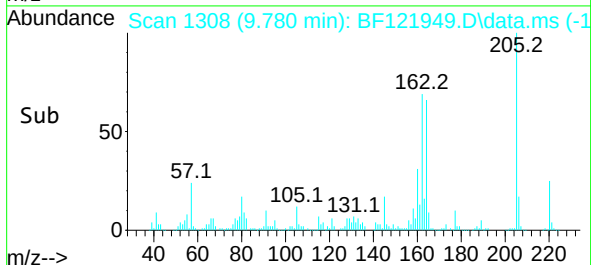
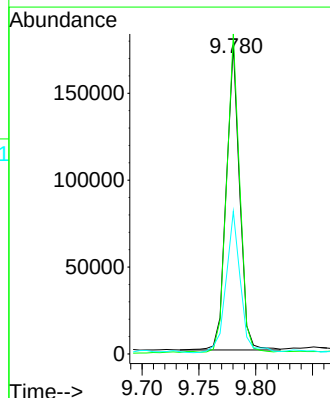
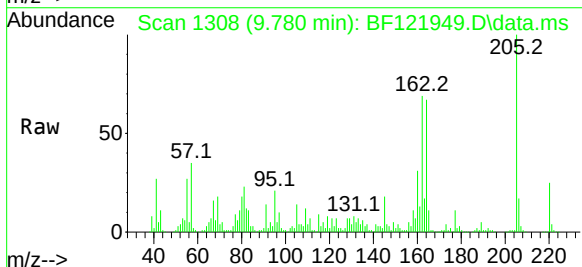
Delta R.T. -0.006 min

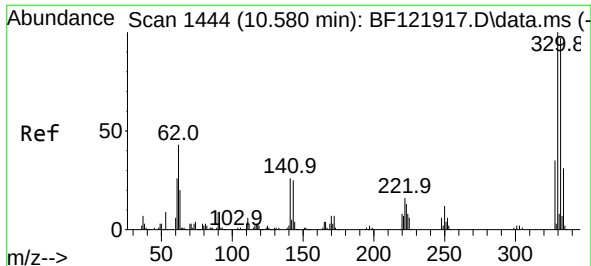
Lab File: BF121949.D

Acq: 13 Oct 2020 20:52

Tgt Ion:164 Resp: 143869

Ion	Ratio	Lower	Upper
164	100		
162	103.5	83.2	124.8
160	46.1	37.5	56.3

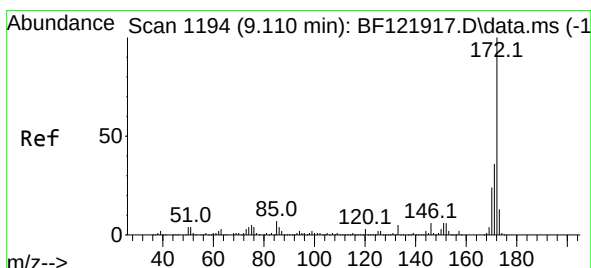
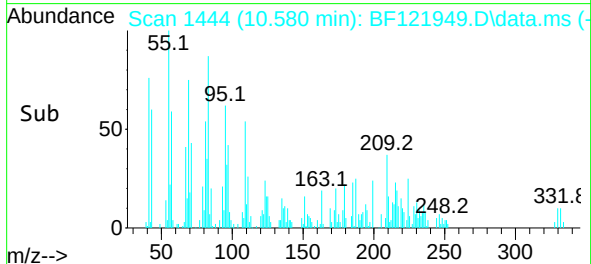
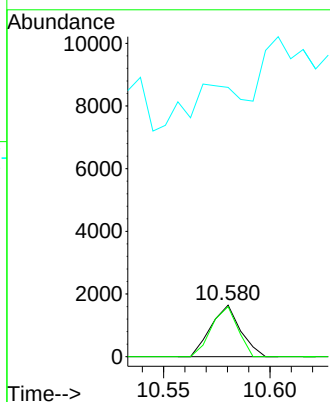
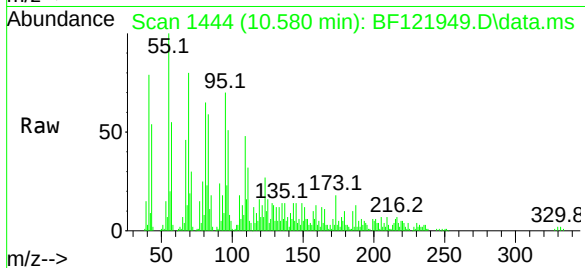




#42
2,4,6-Tribromophenol
Concen: 0.90 ng
RT: 10.580 min Scan# 1444
Delta R.T. -0.000 min
Lab File: BF121949.D
Acq: 13 Oct 2020 20:52

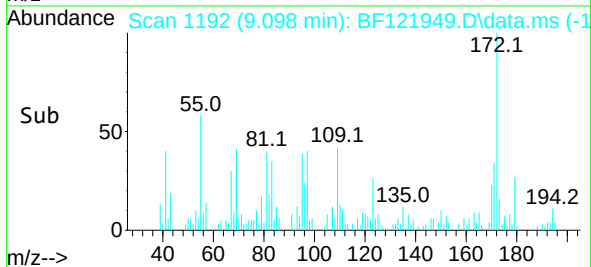
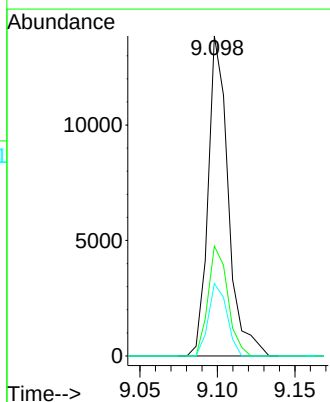
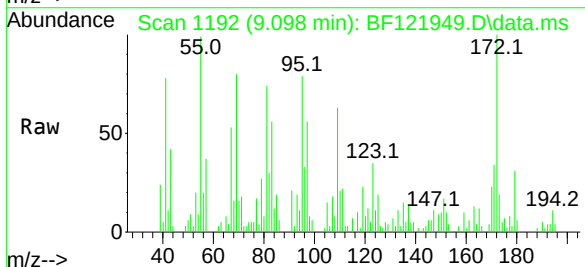
Instrument :
BNA_F
ClientSampleId :
OIL-1

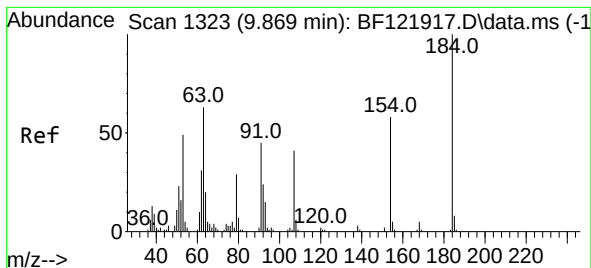
Tgt Ion: 330 Resp: 1595
Ion Ratio Lower Upper
330 100
332 85.9 77.3 115.9
141 141.3 22.3 33.5#



#45
2-Fluorobiphenyl
Concen: 1.28 ng
RT: 9.098 min Scan# 1192
Delta R.T. -0.012 min
Lab File: BF121949.D
Acq: 13 Oct 2020 20:52

Tgt Ion: 172 Resp: 12507
Ion Ratio Lower Upper
172 100
171 34.4 29.1 43.7
170 22.7 19.8 29.6

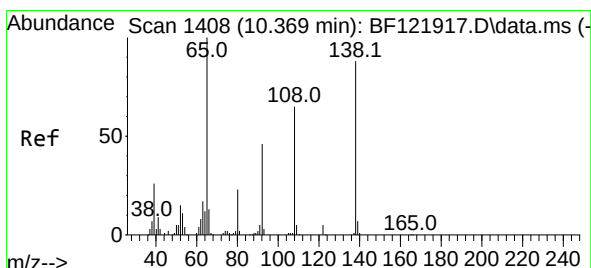
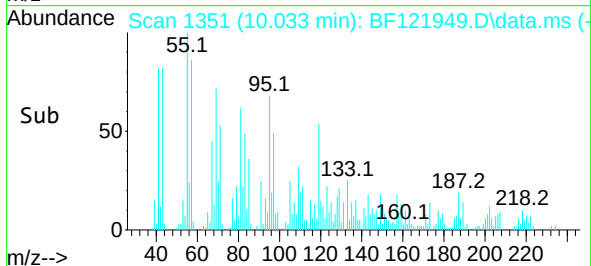
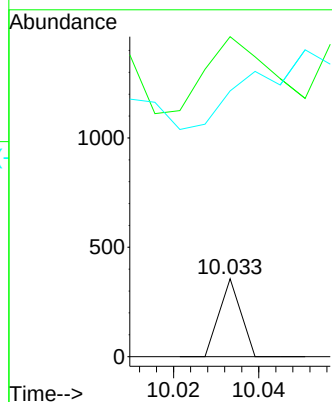
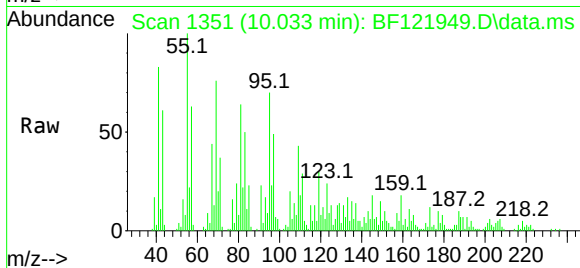




#54
2,4-Dinitrophenol
Concen: 8.78 ng
RT: 10.033 min Scan# 1351
Delta R.T. 0.164 min
Lab File: BF121949.D
Acq: 13 Oct 2020 20:52

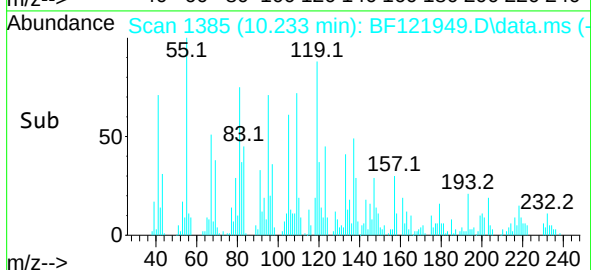
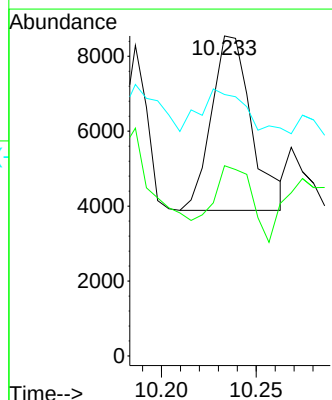
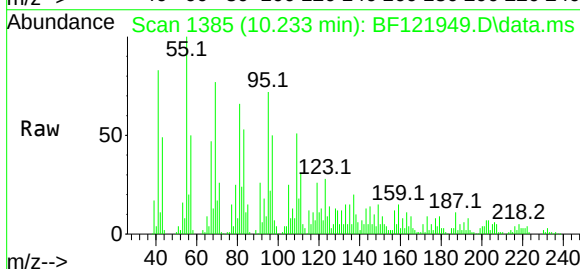
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BNA_F
ClientSampleId :
OIL-1

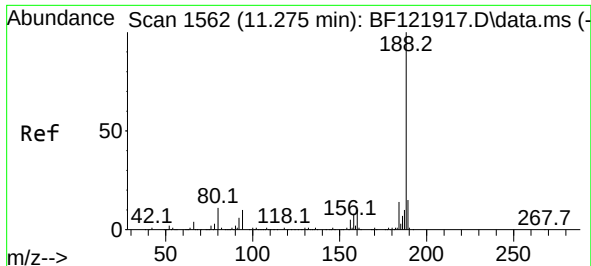
Tgt Ion:184 Resp: 126
Ion Ratio Lower Upper
184 100
63 411.0 45.9 68.9#
154 341.3 45.8 68.6#



#62
4-Nitroaniline
Concen: 2.62 ng
RT: 10.233 min Scan# 1385
Delta R.T. -0.135 min
Lab File: BF121949.D
Acq: 13 Oct 2020 20:52

Tgt Ion:138 Resp: 6879
Ion Ratio Lower Upper
138 100
92 59.4 31.0 71.0
108 81.7 51.5 91.5

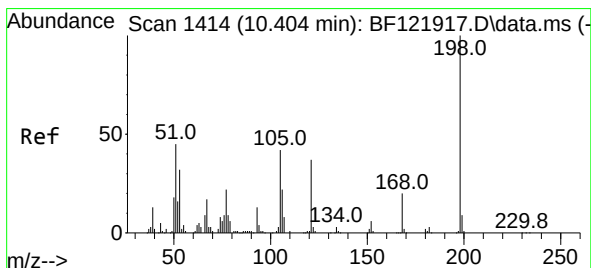
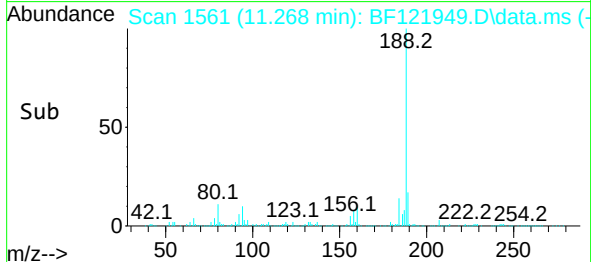
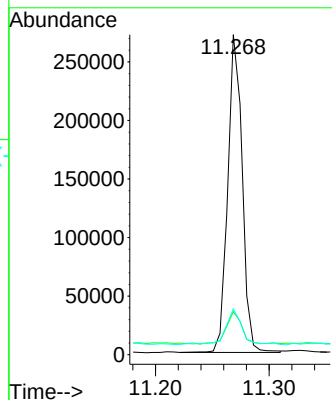
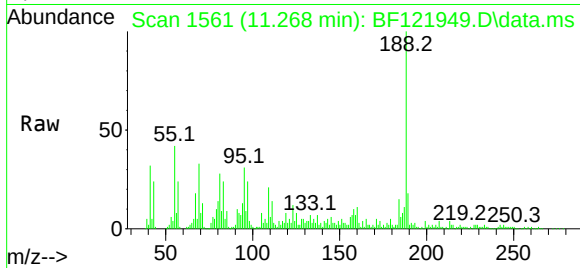




#64
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.268 min Scan# 1561
Delta R.T. -0.007 min
Lab File: BF121949.D
Acq: 13 Oct 2020 20:52

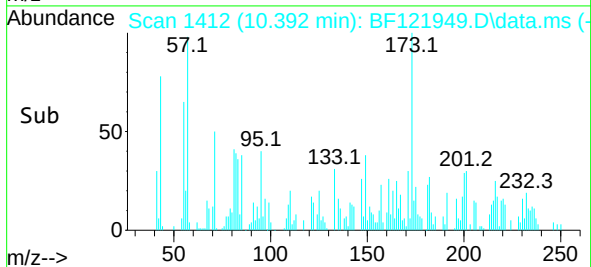
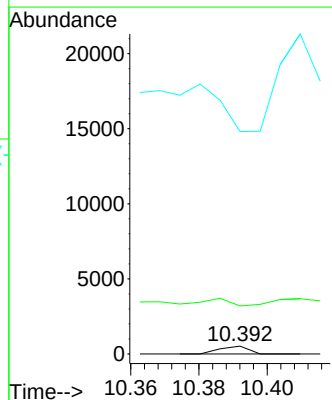
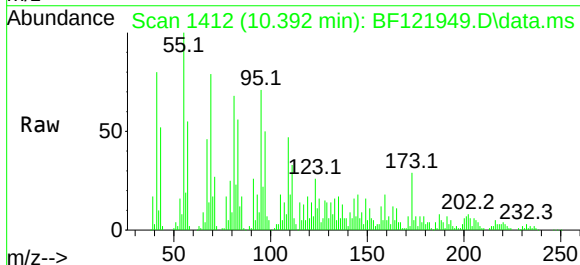
Instrument :
BNA_F
ClientSampleId :
OIL-1

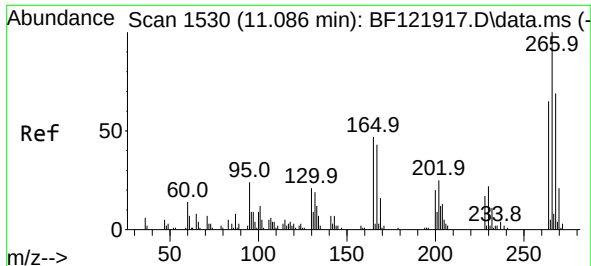
Tgt Ion:188 Resp: 240554
Ion Ratio Lower Upper
188 100
94 13.5 8.3 12.5#
80 14.4 9.1 13.7#



#65
4,6-Dinitro-2-methylphenol
Concen: 4.61 ng
RT: 10.392 min Scan# 1412
Delta R.T. -0.012 min
Lab File: BF121949.D
Acq: 13 Oct 2020 20:52

Tgt Ion:198 Resp: 306
Ion Ratio Lower Upper
198 100
51 610.1 29.6 69.6#
105 2826.3 24.4 64.4#

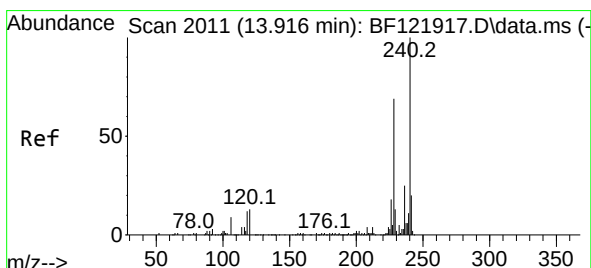
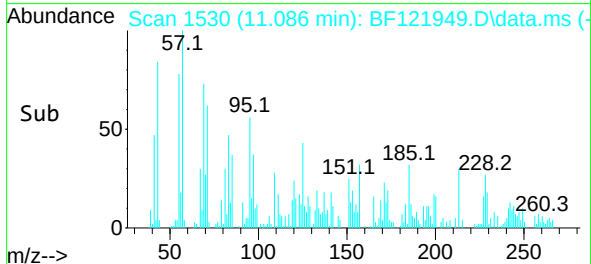
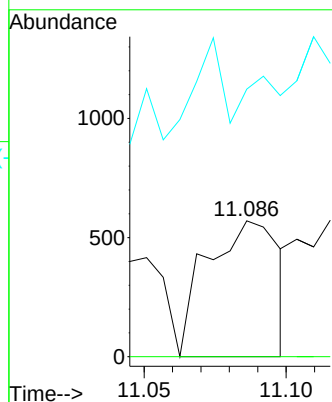
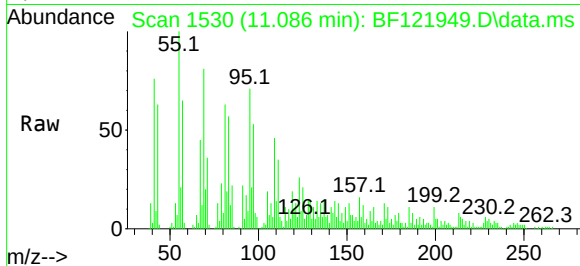




#70
Pentachlorophenol
Concen: 8.68 ng
RT: 11.086 min Scan# 1530
Delta R.T. 0.000 min
Lab File: BF121949.D
Acq: 13 Oct 2020 20:52

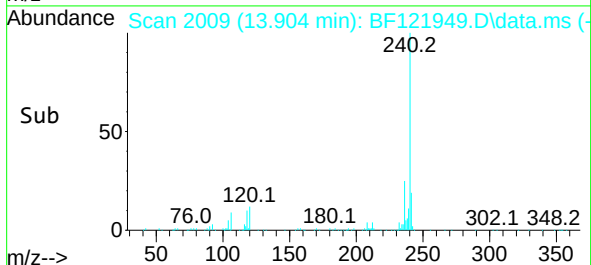
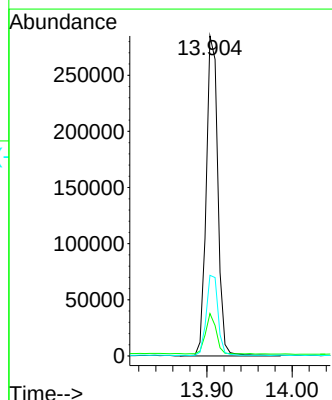
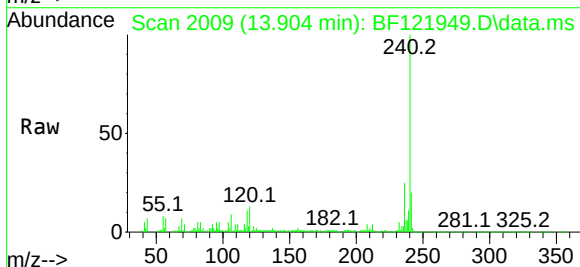
Instrument :
BNA_F
ClientSampled :
OIL-1

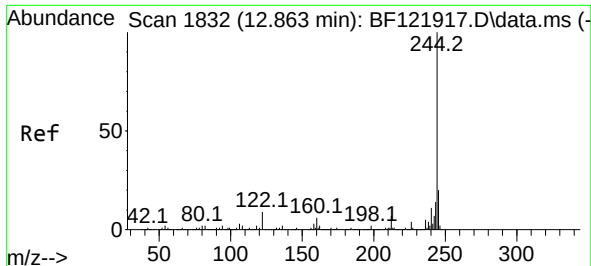
Tgt Ion:266 Resp: 1006
Ion Ratio Lower Upper
266 100
268 0.0 52.4 78.6#
264 197.0 49.9 74.9#



#76
Chrysene-d12
Concen: 20.00 ng
RT: 13.904 min Scan# 2009
Delta R.T. -0.012 min
Lab File: BF121949.D
Acq: 13 Oct 2020 20:52

Tgt Ion:240 Resp: 269824
Ion Ratio Lower Upper
240 100
120 13.3 9.2 13.8
236 25.2 20.9 31.3

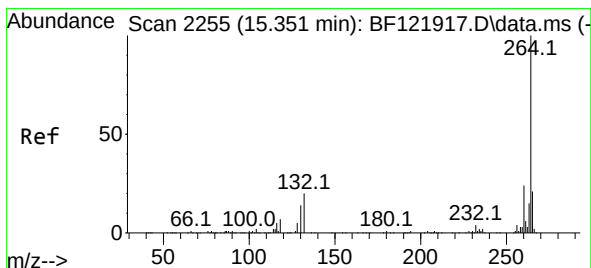
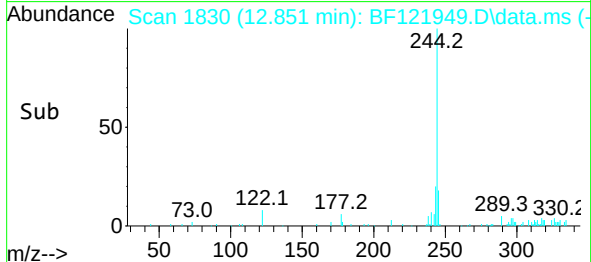
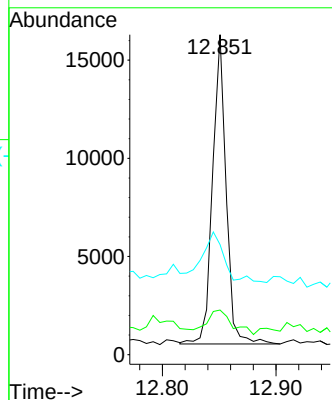
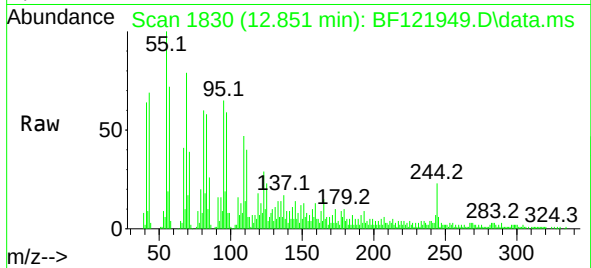




#79
Terphenyl-d14
Concen: 0.92 ng
RT: 12.851 min Scan# 1830
Delta R.T. -0.012 min
Lab File: BF121949.D
Acq: 13 Oct 2020 20:52

Instrument :
BNA_F
ClientSampleId :
OIL-1

Tgt Ion:244 Resp: 13074
Ion Ratio Lower Upper
244 100
212 13.9 5.4 8.2#
122 34.4 8.1 12.1#



#86
Perylene-d12
Concen: 20.00 ng
RT: 15.339 min Scan# 2253
Delta R.T. -0.012 min
Lab File: BF121949.D
Acq: 13 Oct 2020 20:52

Tgt Ion:264 Resp: 269643
Ion Ratio Lower Upper
264 100
260 24.0 18.7 28.1
265 21.1 17.3 25.9

