

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF110320\
 Data File : BF122255.D
 Acq On : 3 Nov 2020 22:38
 Operator : JU/CG
 Sample : L4608-01 10X
 Misc :
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 OIL-1

Quant Time: Nov 04 01:08:41 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF101220.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Oct 30 10:16:54 2020
 Response via : Initial Calibration

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

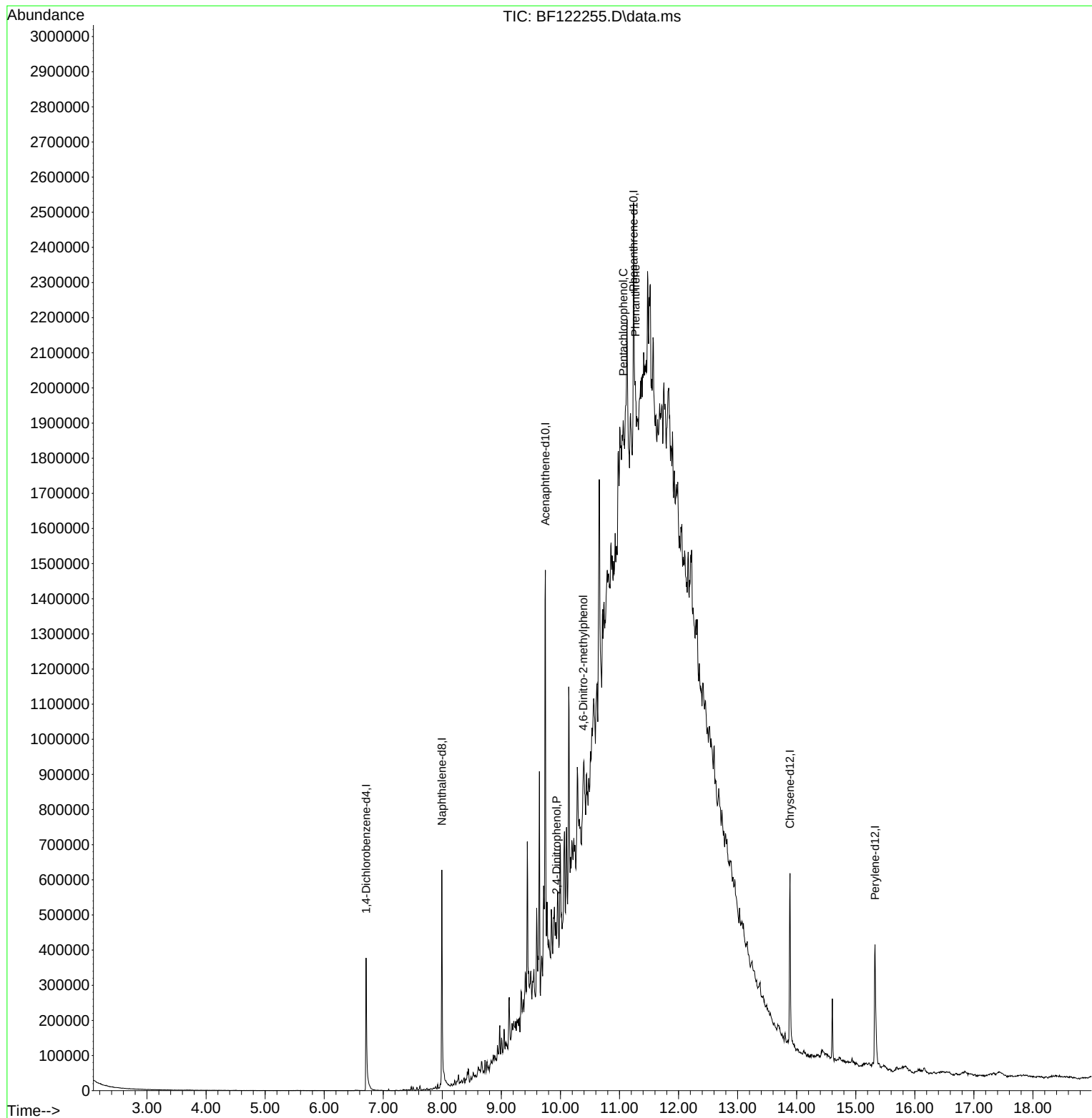
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.710	152	74442	20.00	ng	0.00
21) Naphthalene-d8	7.992	136	322373	20.00	ng	0.00
39) Acenaphthene-d10	9.745	164	145310	20.00	ng	0.00
64) Phenanthrene-d10	11.239	188	219541	20.00	ng	# 0.00
76) Chrysene-d12	13.886	240	197112	20.00	ng	0.00
86) Perylene-d12	15.327	264	207887	20.00	ng	0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.528	112	493	0.10	ng	0.19
7) Phenol-d6	6.534	99	1351	0.21	ng	0.16
23) Nitrobenzene-d5	7.363	82	2658	0.42	ng	0.08
42) 2,4,6-Tribromophenol	10.563	330	902	0.50	ng	0.02
45) 2-Fluorobiphenyl	9.075	172	10445	1.06	ng	0.00
79) Terphenyl-d14	12.821	244	11160	1.08	ng	0.00
Target Compounds						
54) 2,4-Dinitrophenol	9.933	184	132	8.79	ng	# 1
65) 4,6-Dinitro-2-methylph...	10.386	198	636	4.83	ng	# 1
70) Pentachlorophenol	11.063	266	1394	9.06	ng	# 40
71) Phenanthrene	11.269	178	34742	2.89	ng	# 72

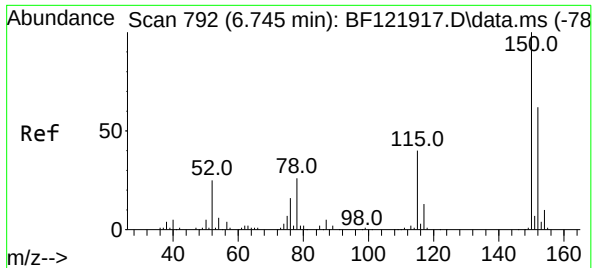
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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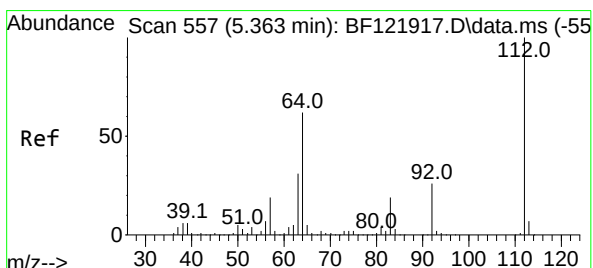
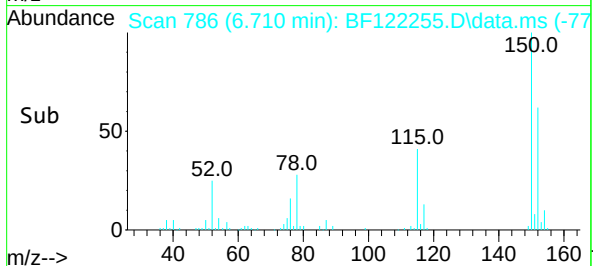
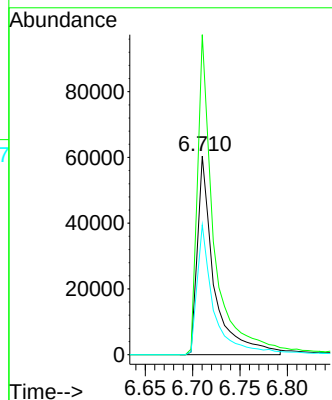
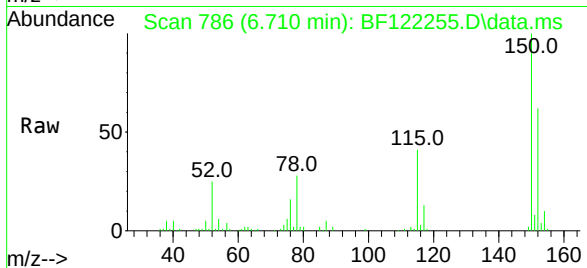




#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.710 min Scan# 786
Delta R.T. -0.006 min
Lab File: BF122255.D
Acq: 3 Nov 2020 22:38

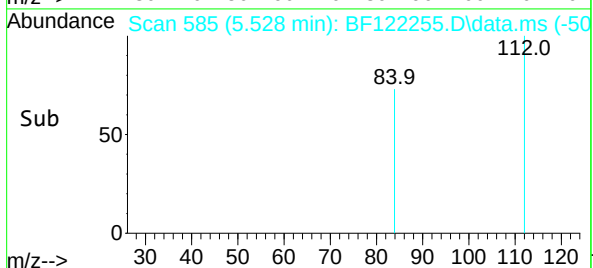
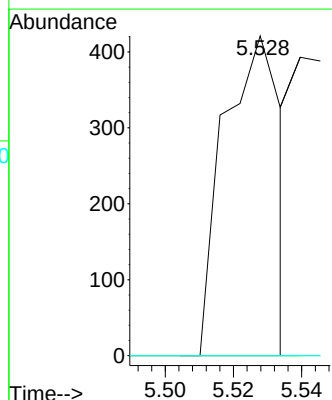
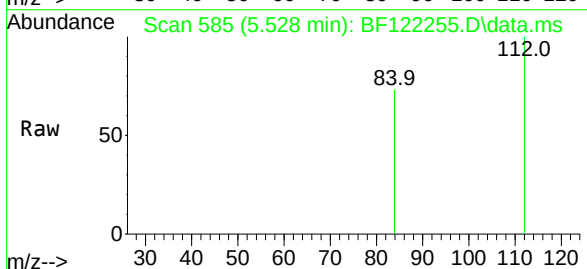
Instrument :
BNA_F
ClientSampleId :
OIL-1

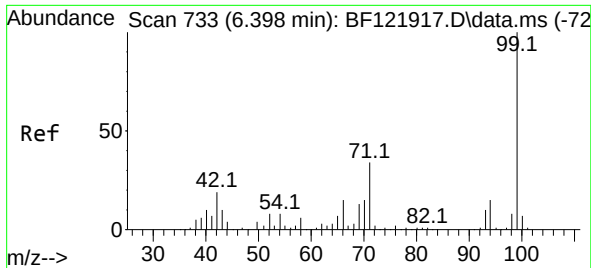
Tgt Ion:152 Resp: 74442
Ion Ratio Lower Upper
152 100
150 161.1 125.3 187.9
115 65.4 51.9 77.9



#5
2-Fluorophenol
Concen: 0.10 ng
RT: 5.528 min Scan# 585
Delta R.T. 0.194 min
Lab File: BF122255.D
Acq: 3 Nov 2020 22:38

Tgt Ion:112 Resp: 493
Ion Ratio Lower Upper
112 100
64 0.0 50.4 75.6#
63 0.0 25.8 38.6#

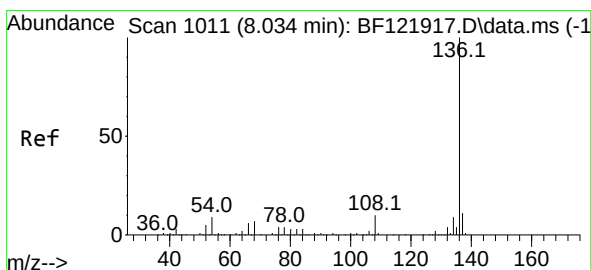
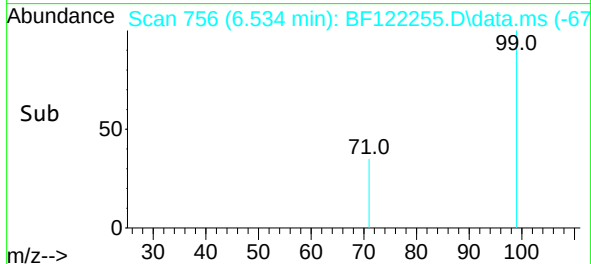
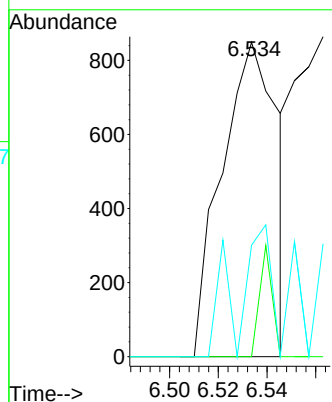
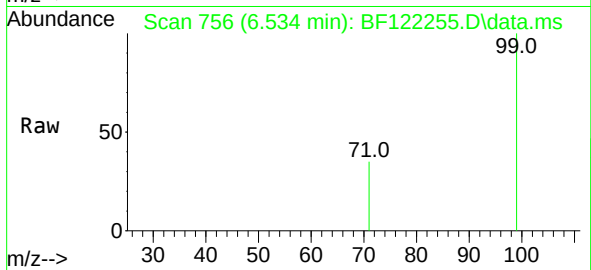




#7
Phenol-d6
Concen: 0.21 ng
RT: 6.534 min Scan# 756
Delta R.T. 0.165 min
Lab File: BF122255.D
Acq: 3 Nov 2020 22:38

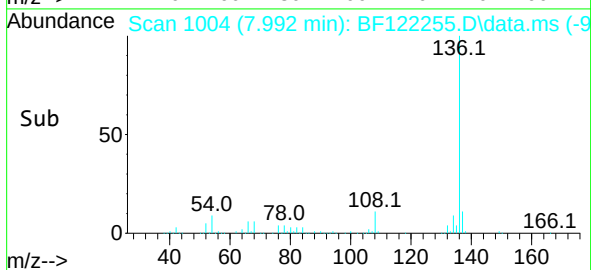
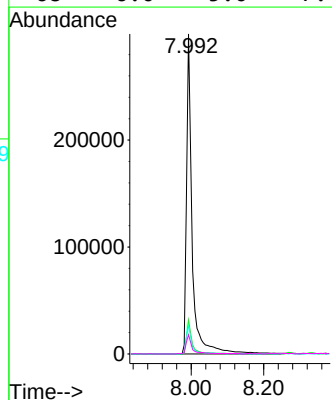
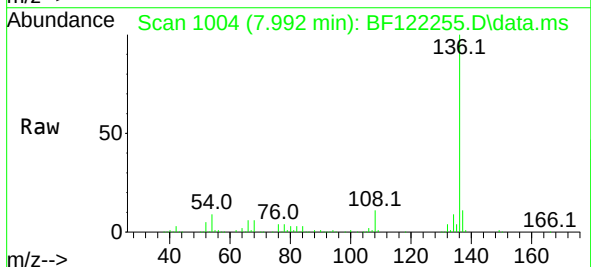
Instrument :
BNA_F
ClientSampled :
OIL-1

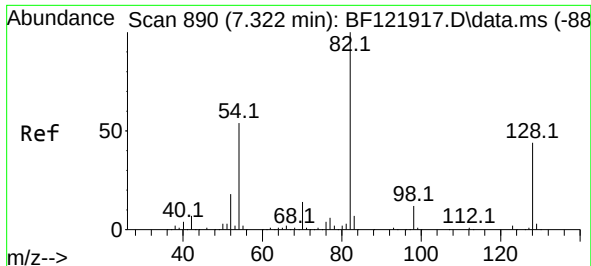
Tgt Ion: 99 Resp: 1351
Ion Ratio Lower Upper
99 100
42 0.0 15.9 23.9#
71 35.5 27.1 40.7



#21
Naphthalene-d8
Concen: 20.00 ng
RT: 7.992 min Scan# 1004
Delta R.T. -0.006 min
Lab File: BF122255.D
Acq: 3 Nov 2020 22:38

Tgt Ion:136 Resp: 322373
Ion Ratio Lower Upper
136 100
137 10.6 8.6 13.0
54 8.9 7.1 10.7
68 6.0 5.0 7.4





#23

Nitrobenzene-d5

Concen: 0.42 ng

RT: 7.363 min Scan# 897

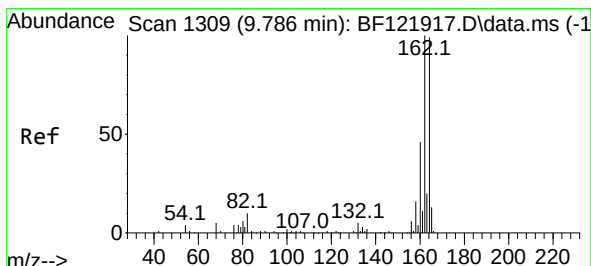
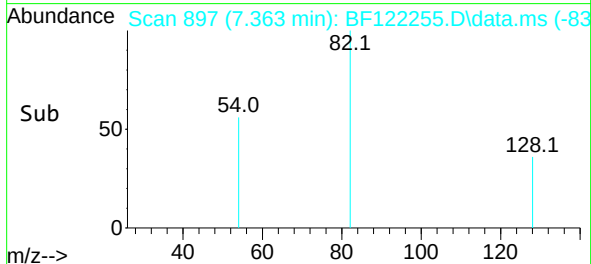
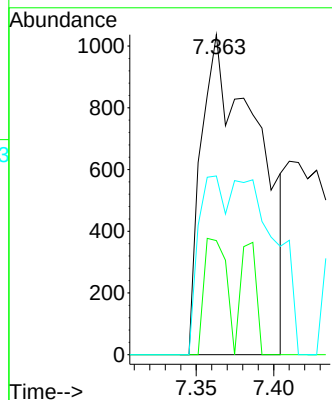
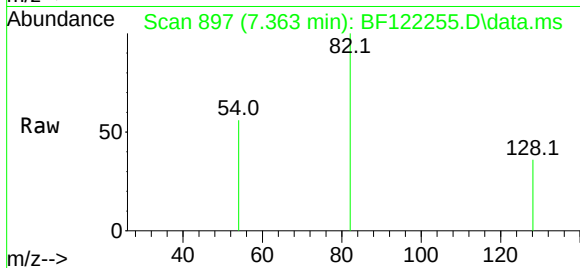
Delta R.T. 0.076 min

Lab File: BF122255.D

Acq: 3 Nov 2020 22:38

Tgt Ion: 82 Resp: 2658

Ion	Ratio	Lower	Upper
82	100		
128	35.7	35.0	52.4
54	55.8	43.9	65.9



#39

Acenaphthene-d10

Concen: 20.00 ng

RT: 9.745 min Scan# 1302

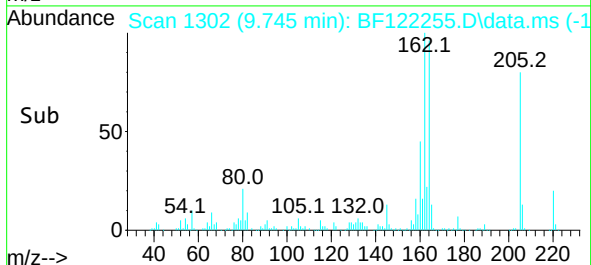
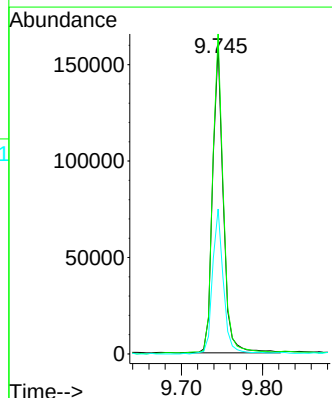
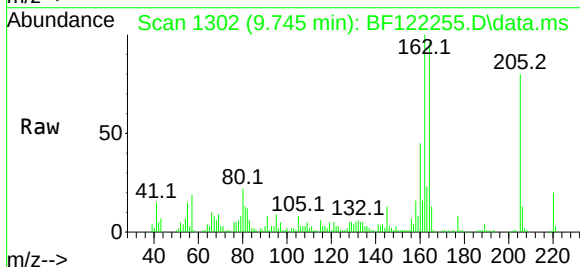
Delta R.T. -0.006 min

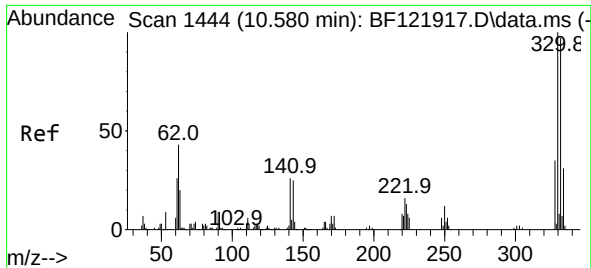
Lab File: BF122255.D

Acq: 3 Nov 2020 22:38

Tgt Ion: 164 Resp: 145310

Ion	Ratio	Lower	Upper
164	100		
162	103.8	83.2	124.8
160	47.0	37.5	56.3

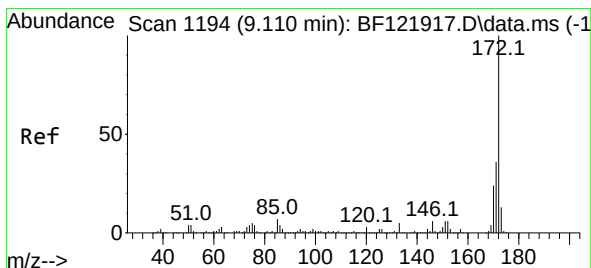
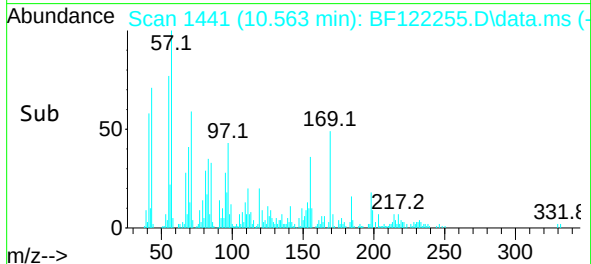
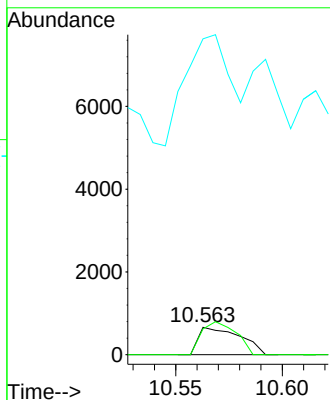
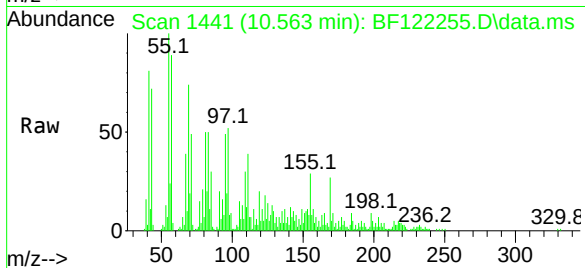




#42
2,4,6-Tribromophenol
Concen: 0.50 ng
RT: 10.563 min Scan# 1441
Delta R.T. 0.018 min
Lab File: BF122255.D
Acq: 3 Nov 2020 22:38

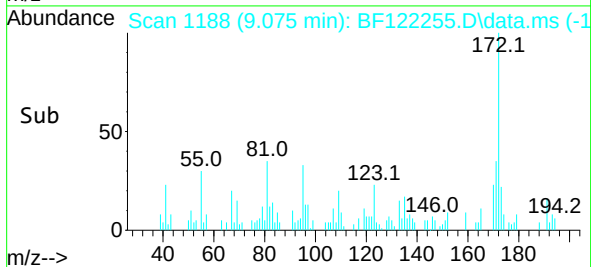
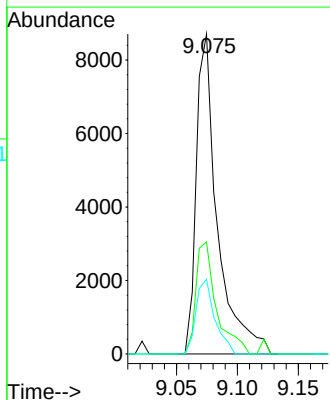
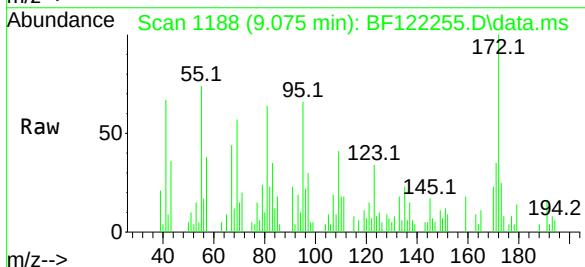
Instrument :
BNA_F
ClientSampled :
OIL-1

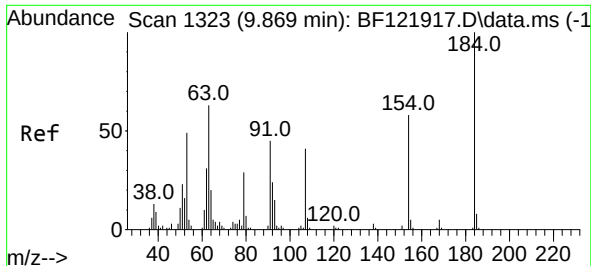
Tgt Ion:330 Resp: 902
Ion Ratio Lower Upper
330 100
332 99.4 77.3 115.9
141 442.0 22.3 33.5#



#45
2-Fluorobiphenyl
Concen: 1.06 ng
RT: 9.075 min Scan# 1188
Delta R.T. -0.000 min
Lab File: BF122255.D
Acq: 3 Nov 2020 22:38

Tgt Ion:172 Resp: 10445
Ion Ratio Lower Upper
172 100
171 35.0 29.1 43.7
170 23.3 19.8 29.6

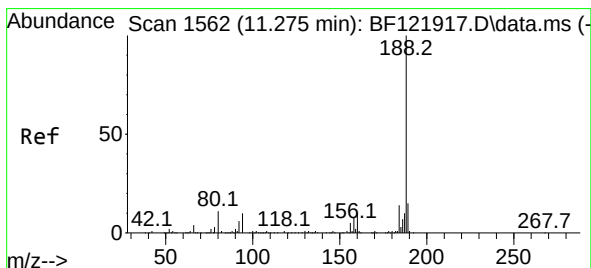
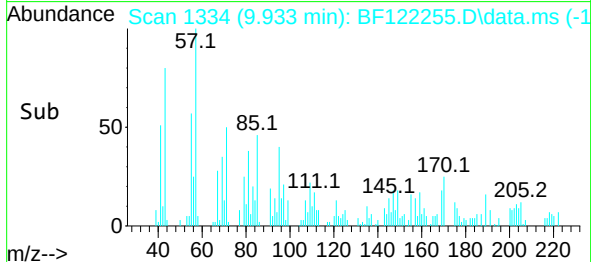
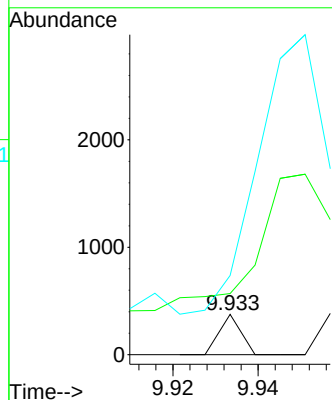
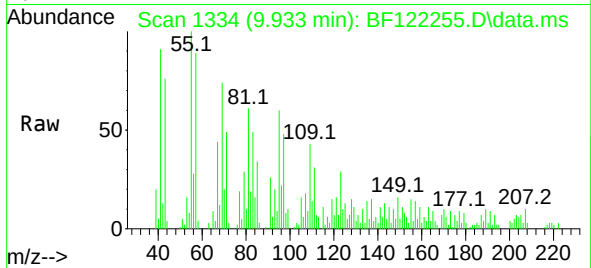




#54
2,4-Dinitrophenol
Concen: 8.79 ng
RT: 9.933 min Scan# 1334
Delta R.T. 0.088 min
Lab File: BF122255.D
Acq: 3 Nov 2020 22:38

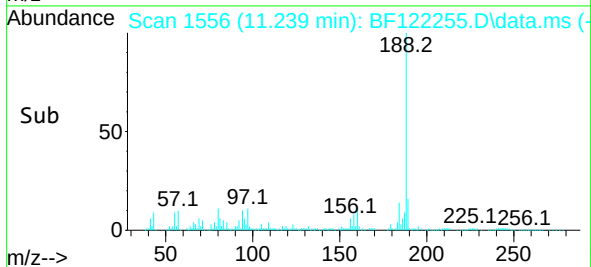
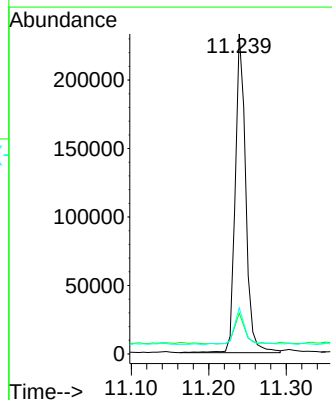
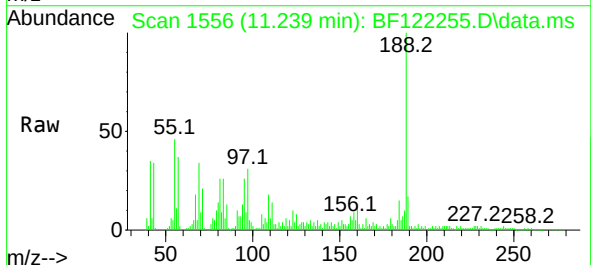
Instrument :
BNA_F
ClientSampleId :
OIL-1

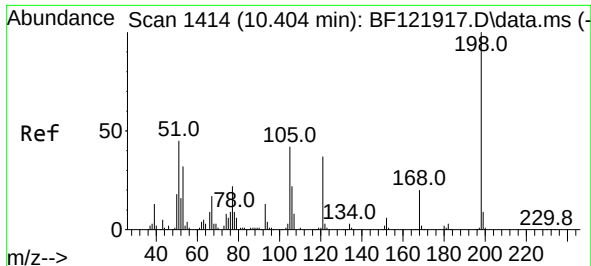
Tgt Ion:184 Resp: 132
Ion Ratio Lower Upper
184 100
63 152.0 45.9 68.9#
154 196.8 45.8 68.6#



#64
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.239 min Scan# 1556
Delta R.T. 0.006 min
Lab File: BF122255.D
Acq: 3 Nov 2020 22:38

Tgt Ion:188 Resp: 219541
Ion Ratio Lower Upper
188 100
94 12.7 8.3 12.5#
80 14.4 9.1 13.7#

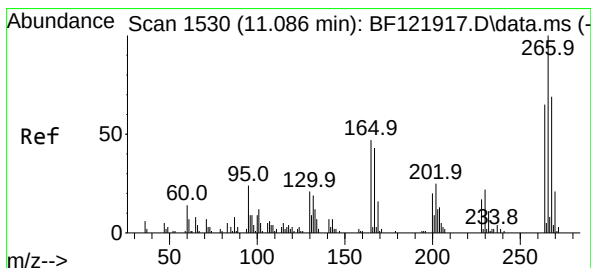
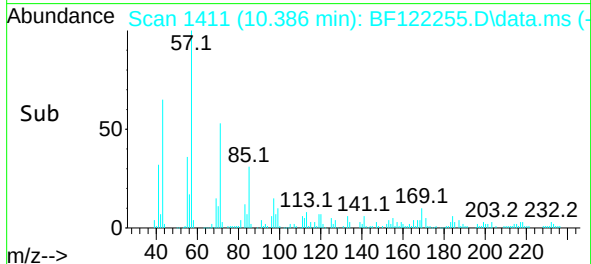
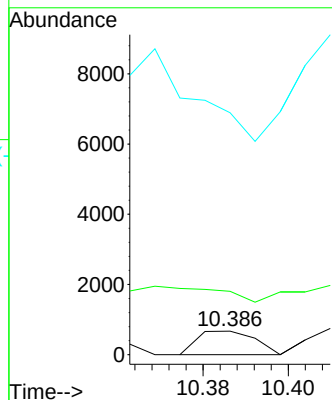
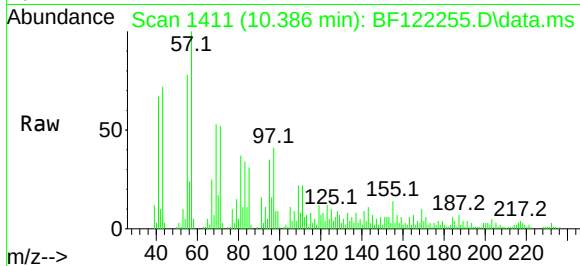




#65
4,6-Dinitro-2-methylphenol
Concen: 4.83 ng
RT: 10.386 min Scan# 1411
Delta R.T. 0.012 min
Lab File: BF122255.D
Acq: 3 Nov 2020 22:38

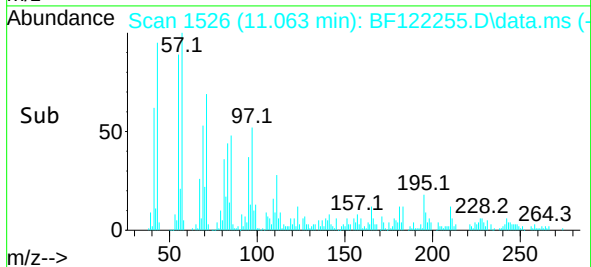
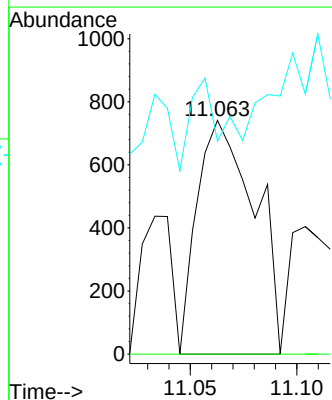
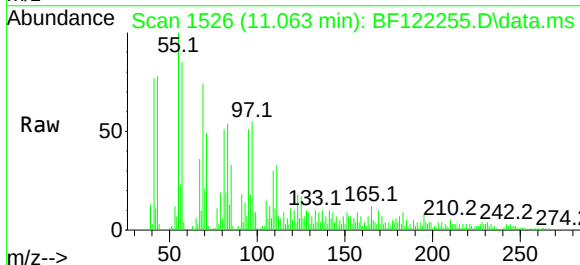
Instrument :
BNA_F
ClientSampleId :
OIL-1

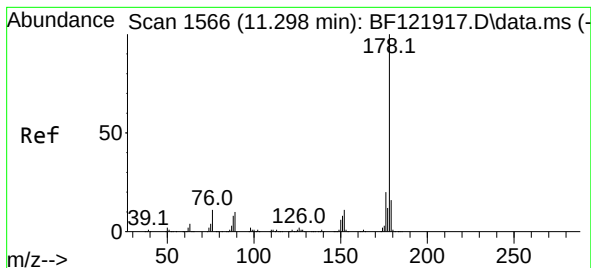
Tgt Ion:198 Resp: 636
Ion Ratio Lower Upper
198 100
51 268.5 29.6 69.6#
105 1025.1 24.4 64.4#



#70
Pentachlorophenol
Concen: 9.06 ng
RT: 11.063 min Scan# 1526
Delta R.T. 0.006 min
Lab File: BF122255.D
Acq: 3 Nov 2020 22:38

Tgt Ion:266 Resp: 1394
Ion Ratio Lower Upper
266 100
268 0.0 52.4 78.6#
264 91.1 49.9 74.9#

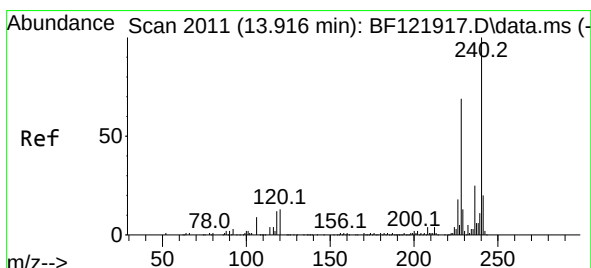
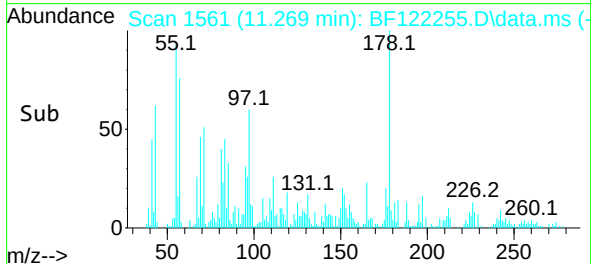
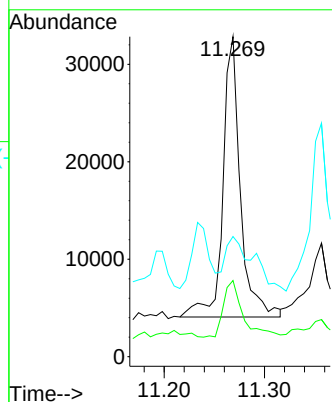
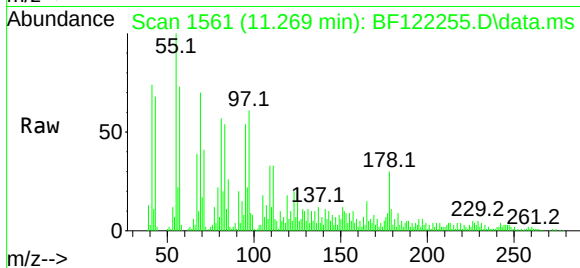




#71
Phenanthrene
Concen: 2.89 ng
RT: 11.269 min Scan# 1561
Delta R.T. 0.006 min
Lab File: BF122255.D
Acq: 3 Nov 2020 22:38

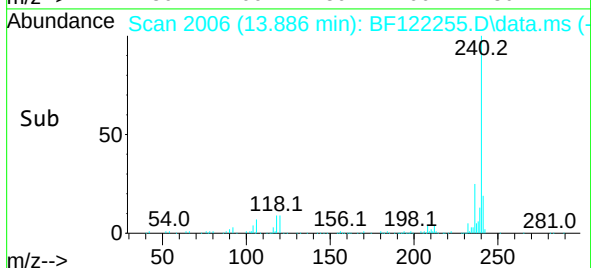
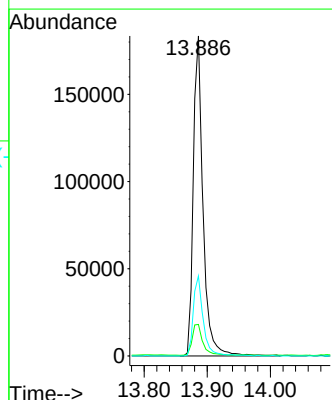
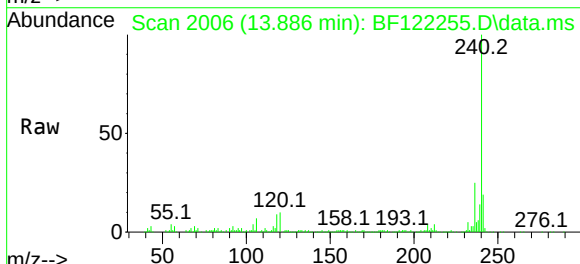
Instrument :
BNA_F
ClientSampled :
OIL-1

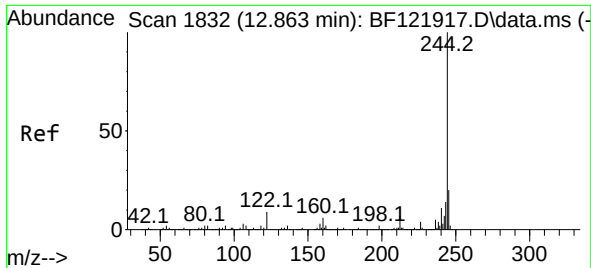
Tgt Ion:178 Resp: 34742
Ion Ratio Lower Upper
178 100
176 23.8 15.9 23.9
179 37.5 12.2 18.4#



#76
Chrysene-d12
Concen: 20.00 ng
RT: 13.886 min Scan# 2006
Delta R.T. 0.006 min
Lab File: BF122255.D
Acq: 3 Nov 2020 22:38

Tgt Ion:240 Resp: 197112
Ion Ratio Lower Upper
240 100
120 9.9 9.2 13.8
236 25.0 20.9 31.3

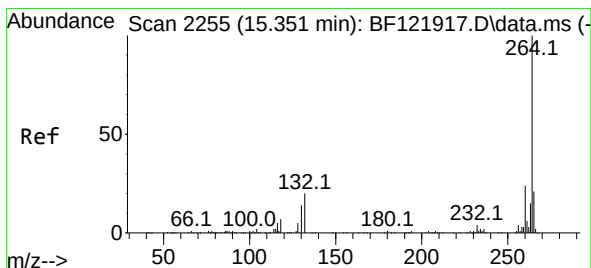
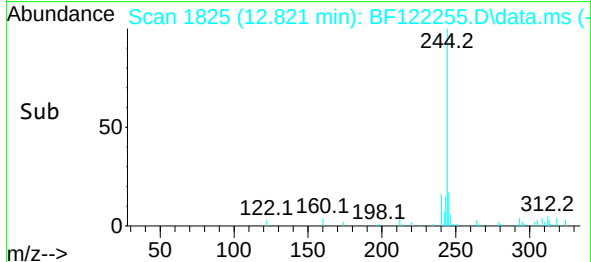
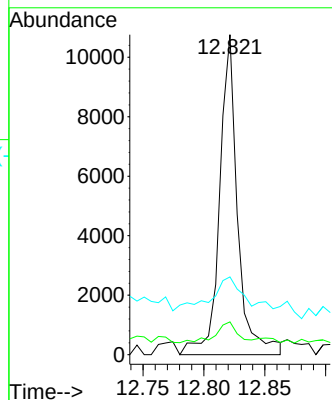
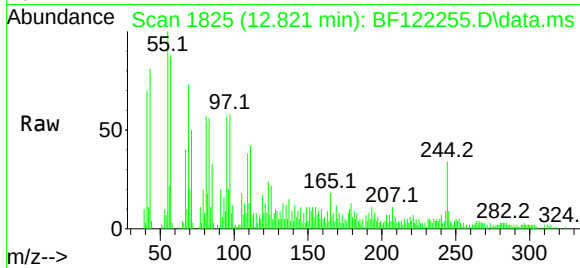




#79
 Terphenyl-d14
 Concen: 1.08 ng
 RT: 12.821 min Scan# 1825
 Delta R.T. 0.006 min
 Lab File: BF122255.D
 Acq: 3 Nov 2020 22:38

Instrument :
 BNA_F
 ClientSampled :
 OIL-1

Tgt Ion:244 Resp: 11160
 Ion Ratio Lower Upper
 244 100
 212 10.2 5.4 8.2#
 122 24.3 8.1 12.1#



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 15.327 min Scan# 2251
 Delta R.T. 0.023 min
 Lab File: BF122255.D
 Acq: 3 Nov 2020 22:38

Tgt Ion:264 Resp: 207887
 Ion Ratio Lower Upper
 264 100
 260 24.0 18.7 28.1
 265 20.7 17.3 25.9

