

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF101320\
 Data File : BF121944.D
 Acq On : 13 Oct 2020 18:16
 Operator : JU/CG
 Sample : L4356-01
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 RECLAMATION-TANK

Quant Time: Oct 13 18:53:39 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)

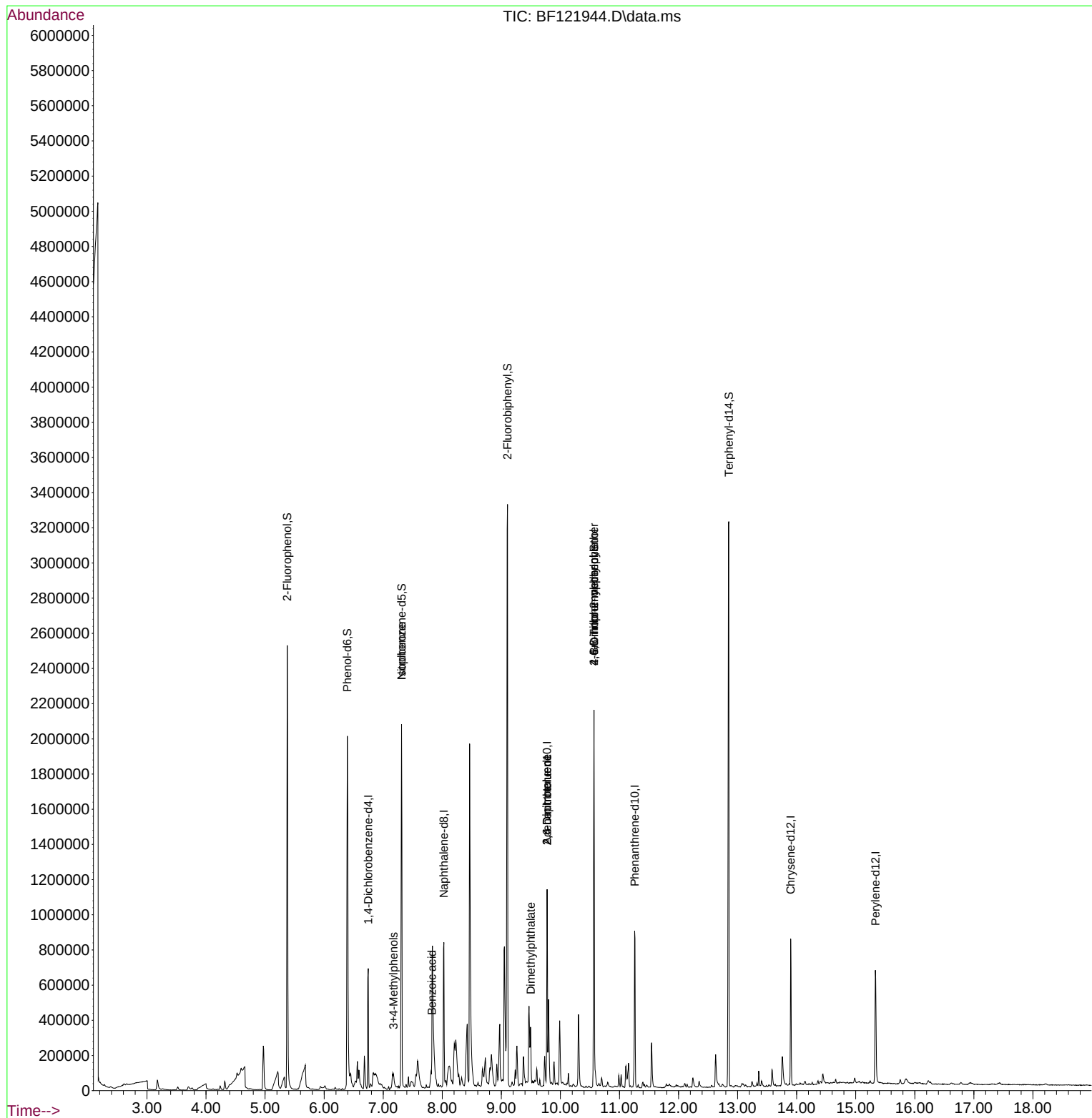
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.745	152	99968	20.00	ng	0.00
21) Naphthalene-d8	8.028	136	382494	20.00	ng	0.00
39) Acenaphthene-d10	9.775	164	182331	20.00	ng	-0.01
64) Phenanthrene-d10	11.257	188	322520	20.00	ng	-0.02
76) Chrysene-d12	13.898	240	265117	20.00	ng	-0.02
86) Perylene-d12	15.333	264	267959	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.375	112	723914	106.88	ng	0.01
7) Phenol-d6	6.393	99	816764	93.67	ng	0.00
23) Nitrobenzene-d5	7.310	82	703454	94.32	ng	-0.01
42) 2,4,6-Tribromophenol	10.569	330	276887	122.76	ng	-0.01
45) 2-Fluorobiphenyl	9.104	172	1134823	91.58	ng	0.00
79) Terphenyl-d14	12.851	244	1125646	80.92	ng	-0.01
Target Compounds						
						Qvalue
9) Benzaldehyde	6.310	77	1569	Below Cal		92
20) 3+4-Methylphenols	7.175	107	15969	2.26 ng	#	55
25) Isophorone	7.310	82	696067	49.36 ng	#	67
32) Benzoic acid	7.822	122	3688	8.55 ng	#	67
50) Dimethylphthalate	9.498	163	72094	5.41 ng		99
51) 2,6-Dinitrotoluene	9.775	165	23742	8.12 ng	#	25
57) 2,4-Dinitrotoluene	9.775	165	23742	6.59 ng	#	24
65) 4,6-Dinitro-2-methylph...	10.569	198	394	4.60 ng	#	1
67) 4-Bromophenyl-phenylether	10.569	248	16327	4.38 ng	#	1

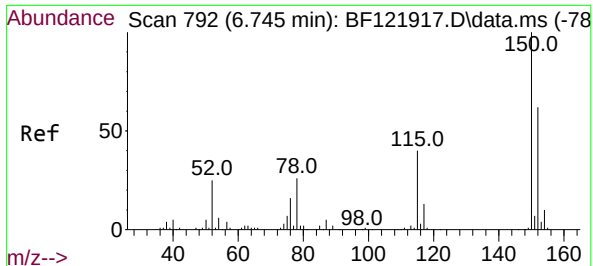
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF101320\
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ALS Vial : 12 Sample Multiplier: 1

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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Oct 12 16:22:33 2020
Response via : Initial Calibration

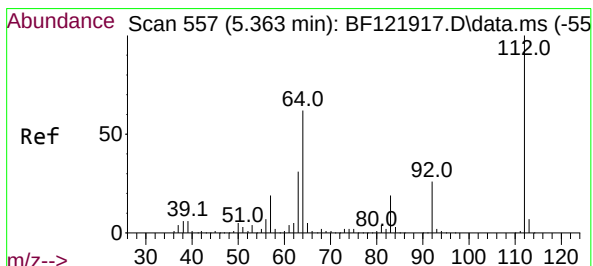
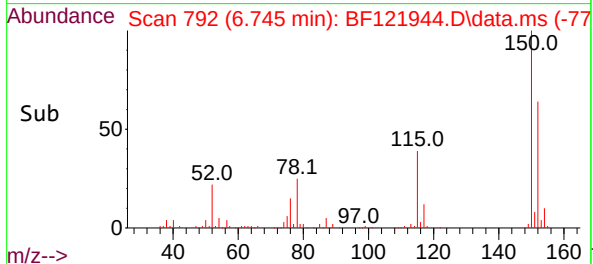
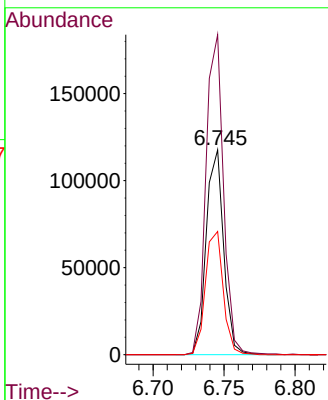
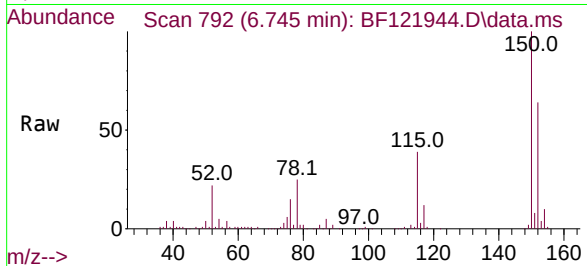




#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.745 min Scan# 792
Delta R.T. 0.000 min
Lab File: BF121944.D
Acq: 13 Oct 2020 18:16

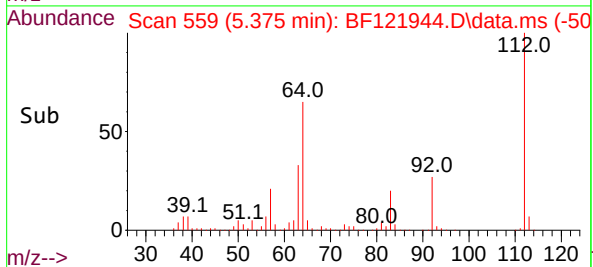
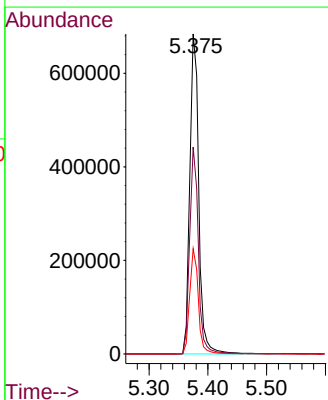
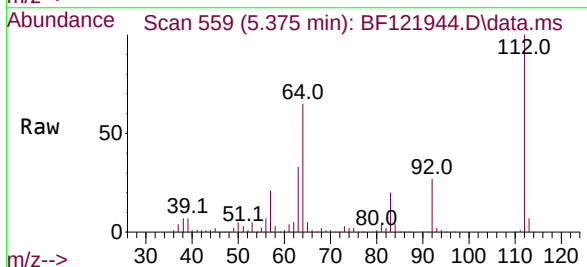
Instrument :
BNA_F
ClientSampleId :
RECLAMATION-TANK

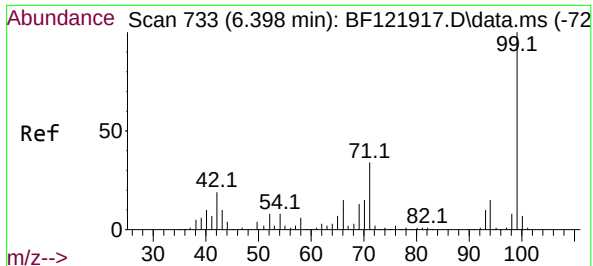
Tgt Ion:152 Resp: 99968
Ion Ratio Lower Upper
152 100
150 156.3 125.3 187.9
115 60.2 51.9 77.9



#5
2-Fluorophenol
Concen: 106.88 ng
RT: 5.375 min Scan# 559
Delta R.T. 0.012 min
Lab File: BF121944.D
Acq: 13 Oct 2020 18:16

Tgt Ion:112 Resp: 723914
Ion Ratio Lower Upper
112 100
64 64.7 50.4 75.6
63 32.9 25.8 38.6

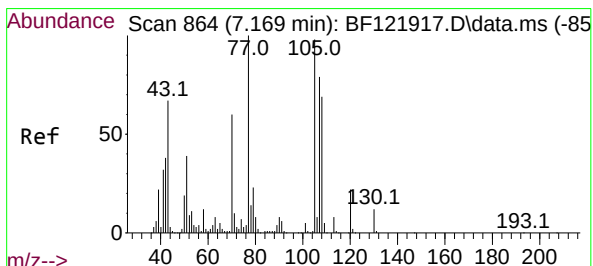
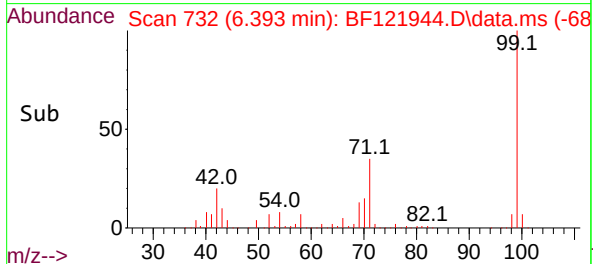
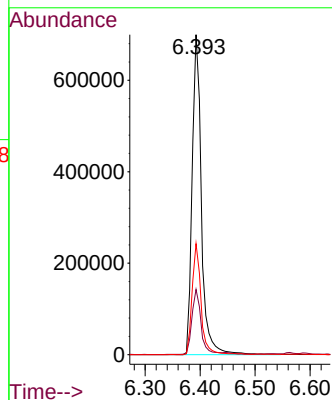
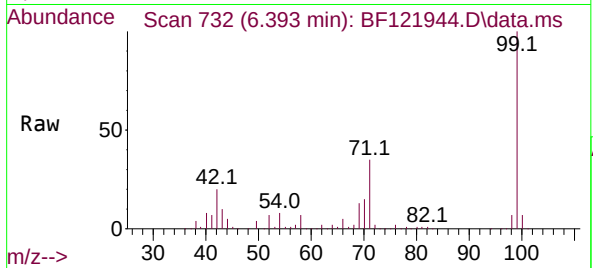




#7
Phenol-d6
Concen: 93.67 ng
RT: 6.393 min Scan# 732
Delta R.T. -0.006 min
Lab File: BF121944.D
Acq: 13 Oct 2020 18:16

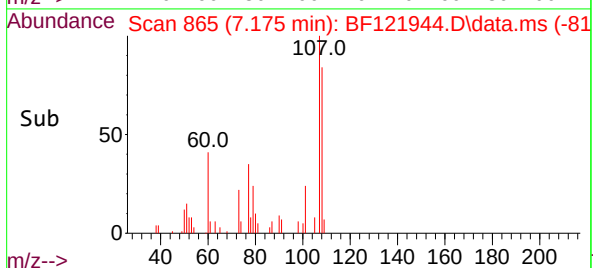
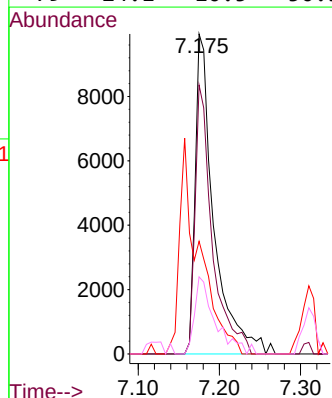
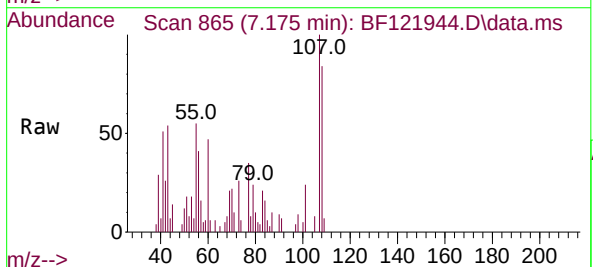
Instrument :
BNA_F
ClientSampleId :
RECLAMATION-TANK

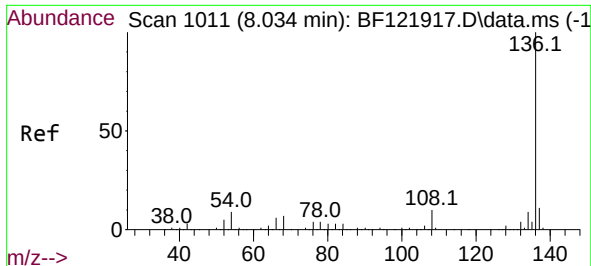
Tgt Ion: 99 Resp: 816764
Ion Ratio Lower Upper
99 100
42 20.4 15.9 23.9
71 34.7 27.1 40.7



#20
3+4-Methylphenols
Concen: 2.26 ng
RT: 7.175 min Scan# 865
Delta R.T. 0.006 min
Lab File: BF121944.D
Acq: 13 Oct 2020 18:16

Tgt Ion: 107 Resp: 15969
Ion Ratio Lower Upper
107 100
108 84.1 68.9 108.9
77 35.2 108.0 148.0#
79 24.1 10.5 50.5

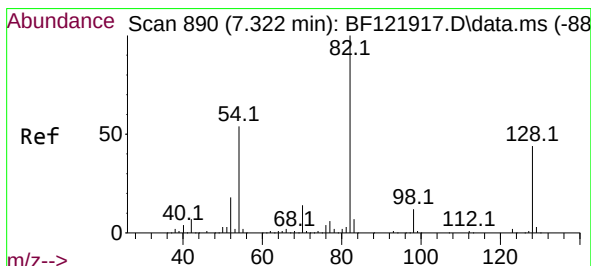
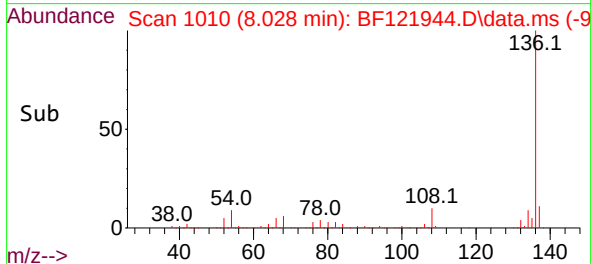
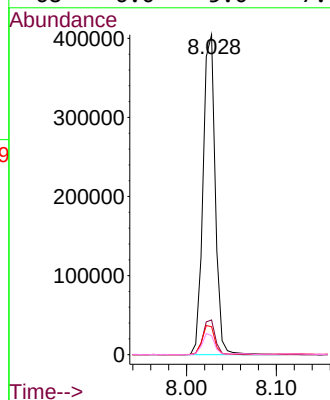
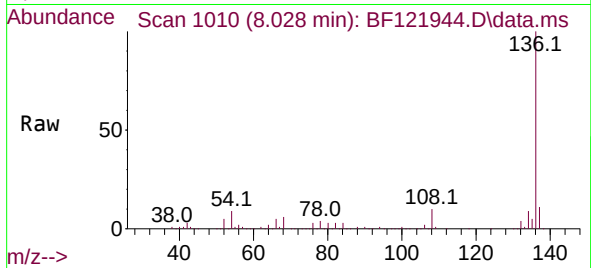




#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.028 min Scan# 1010
Delta R.T. -0.006 min
Lab File: BF121944.D
Acq: 13 Oct 2020 18:16

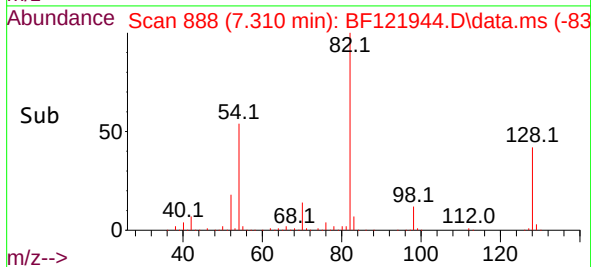
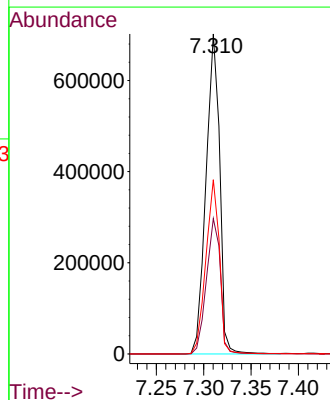
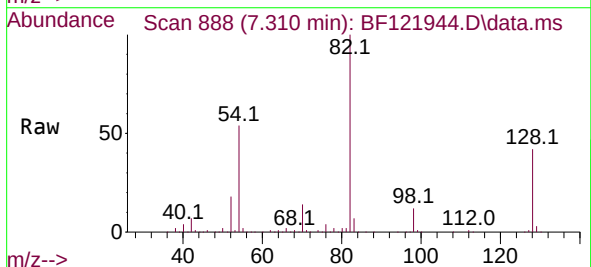
Instrument :
BNA_F
ClientSampleId :
RECLAMATION-TANK

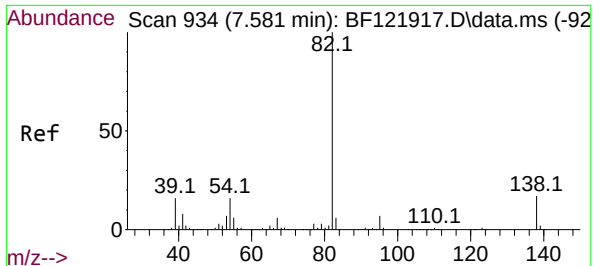
Tgt Ion:	136	Resp:	382494
Ion Ratio	Lower	Upper	
136	100		
137	10.8	8.6	13.0
54	8.7	7.1	10.7
68	6.0	5.0	7.4



#23
Nitrobenzene-d5
Concen: 94.32 ng
RT: 7.310 min Scan# 888
Delta R.T. -0.012 min
Lab File: BF121944.D
Acq: 13 Oct 2020 18:16

Tgt Ion:	82	Resp:	703454
Ion Ratio	Lower	Upper	
82	100		
128	42.3	35.0	52.4
54	54.5	43.9	65.9

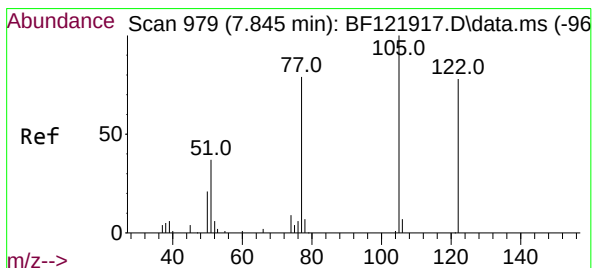
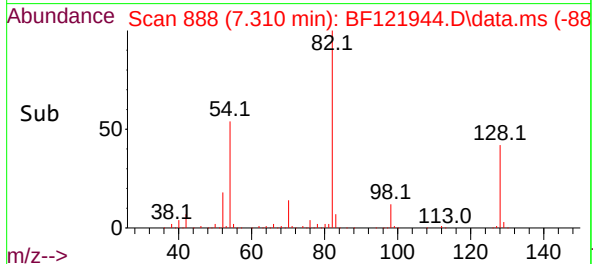
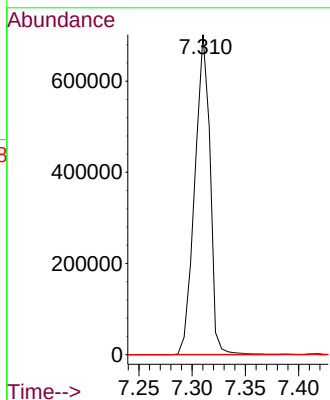
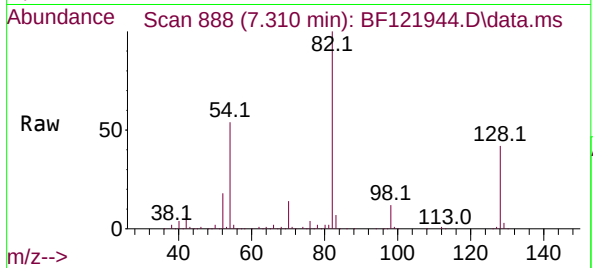




#25
Isophorone
Concen: 49.36 ng
RT: 7.310 min Scan# 888
Delta R.T. -0.270 min
Lab File: BF121944.D
Acq: 13 Oct 2020 18:16

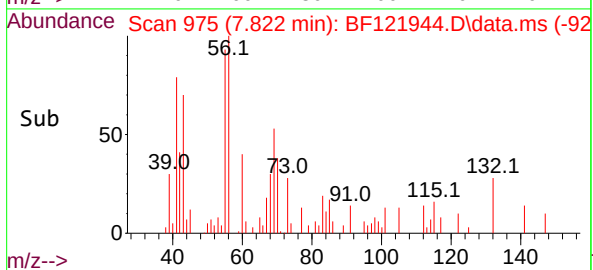
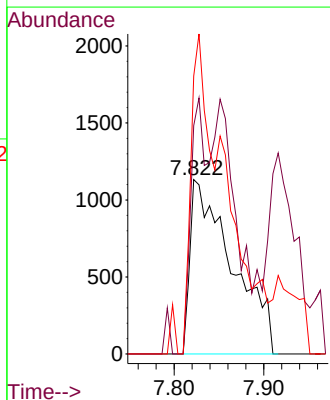
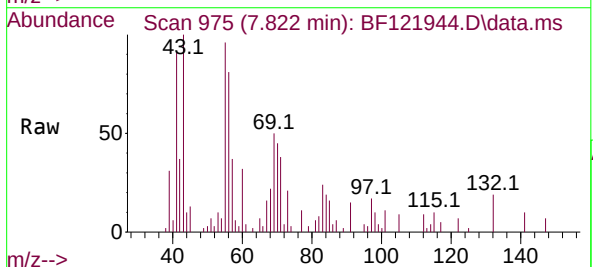
Instrument :
BNA_F
ClientSampleId :
RECLAMATION-TANK

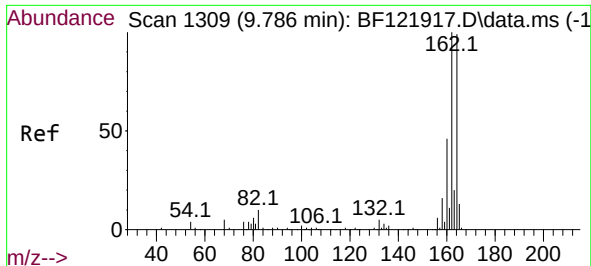
Tgt Ion: 82 Resp: 696067
Ion Ratio Lower Upper
82 100
95 0.0 5.4 8.0#
138 0.0 13.4 20.0#



#32
Benzoic acid
Concen: 8.55 ng
RT: 7.822 min Scan# 975
Delta R.T. -0.023 min
Lab File: BF121944.D
Acq: 13 Oct 2020 18:16

Tgt Ion: 122 Resp: 3688
Ion Ratio Lower Upper
122 100
105 130.9 103.3 143.3
77 159.3 73.9 113.9#



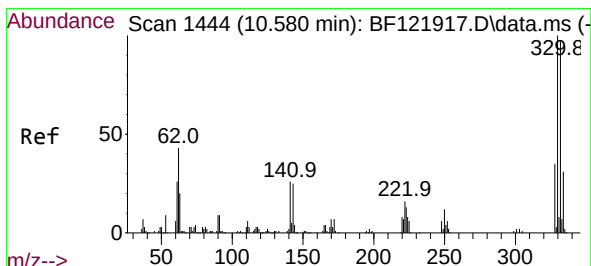
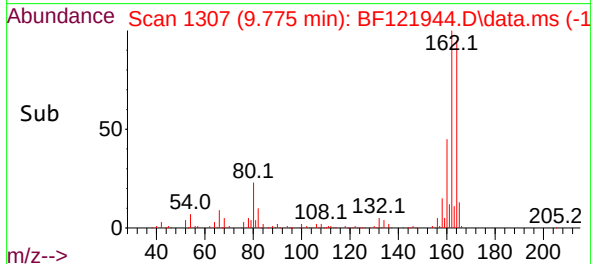
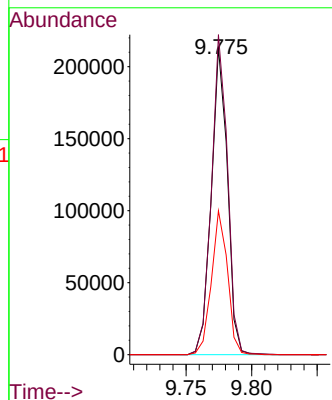
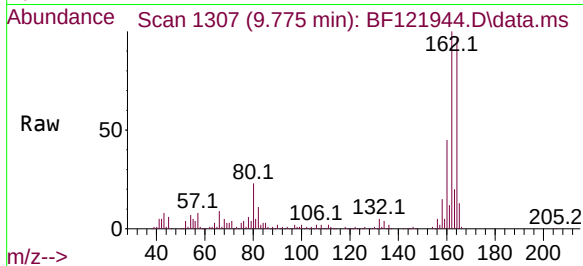


#39
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.775 min Scan# 1307
Delta R.T. -0.011 min
Lab File: BF121944.D
Acq: 13 Oct 2020 18:16

Instrument :
BNA_F
ClientSampleId :
RECLAMATION-TANK

Tgt Ion:164 Resp: 182331

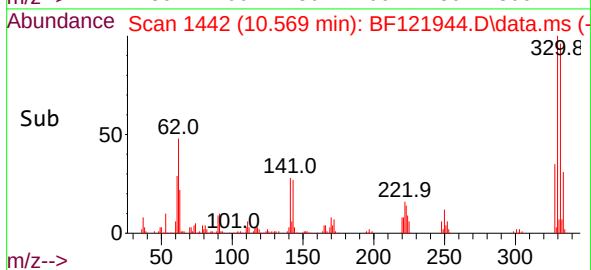
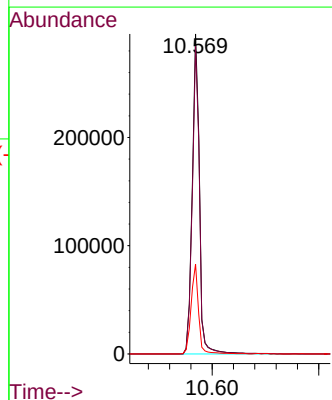
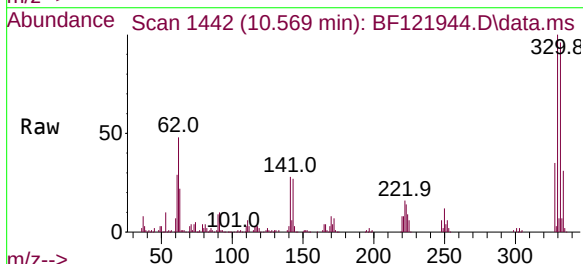
Ion	Ratio	Lower	Upper
164	100		
162	104.3	83.2	124.8
160	46.9	37.5	56.3

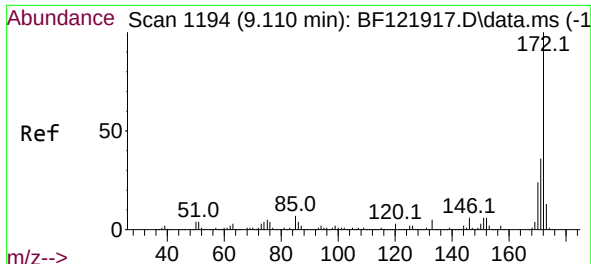


#42
2,4,6-Tribromophenol
Concen: 122.76 ng
RT: 10.569 min Scan# 1442
Delta R.T. -0.012 min
Lab File: BF121944.D
Acq: 13 Oct 2020 18:16

Tgt Ion:330 Resp: 276887

Ion	Ratio	Lower	Upper
330	100		
332	96.4	77.3	115.9
141	29.1	22.3	33.5



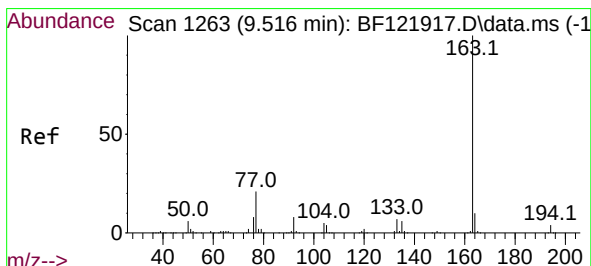
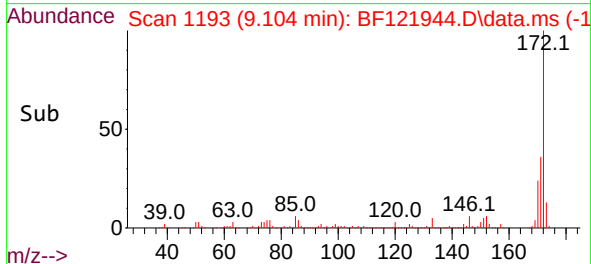
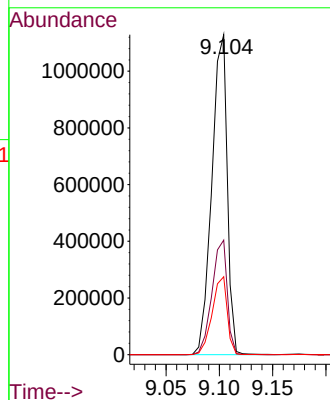
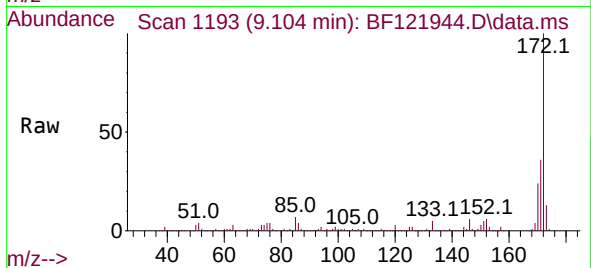


#45
2-Fluorobiphenyl
Concen: 91.58 ng
RT: 9.104 min Scan# 1193
Delta R.T. -0.006 min
Lab File: BF121944.D
Acq: 13 Oct 2020 18:16

Instrument :
BNA_F
ClientSampleId :
RECLAMATION-TANK

Tgt Ion:172 Resp: 1134823

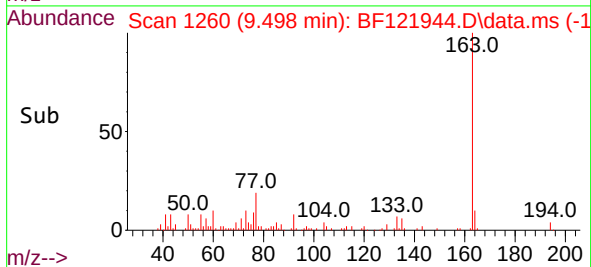
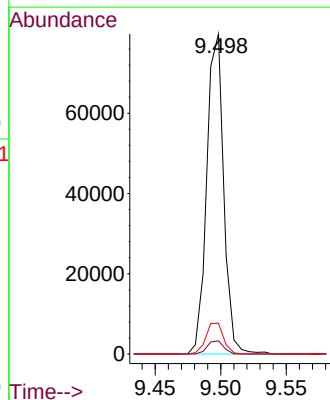
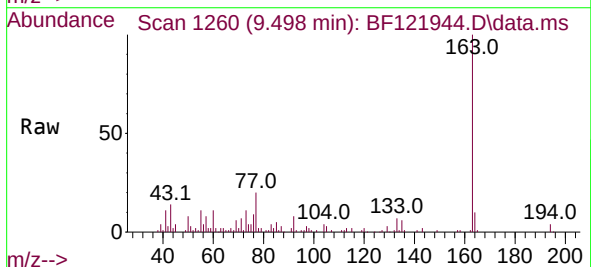
Ion	Ratio	Lower	Upper
172	100		
171	35.8	29.1	43.7
170	24.3	19.8	29.6

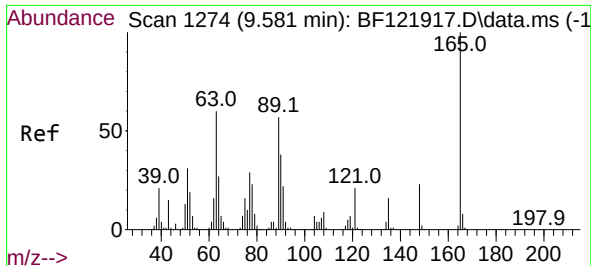


#50
Dimethylphthalate
Concen: 5.41 ng
RT: 9.498 min Scan# 1260
Delta R.T. -0.018 min
Lab File: BF121944.D
Acq: 13 Oct 2020 18:16

Tgt Ion:163 Resp: 72094

Ion	Ratio	Lower	Upper
163	100		
194	4.1	3.3	4.9
164	9.6	8.2	12.4

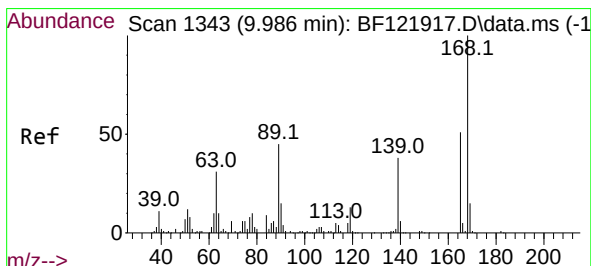
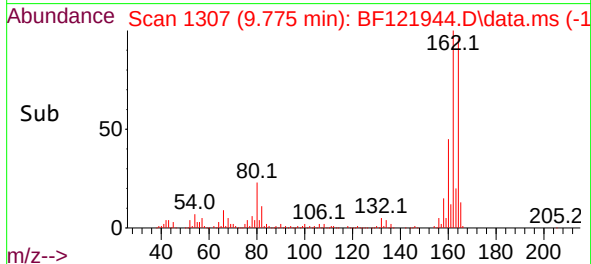
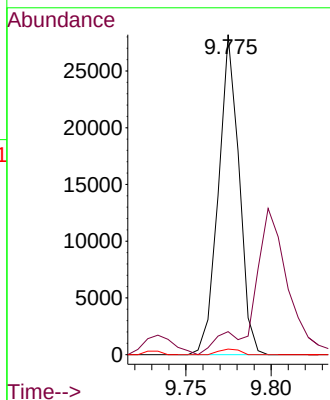
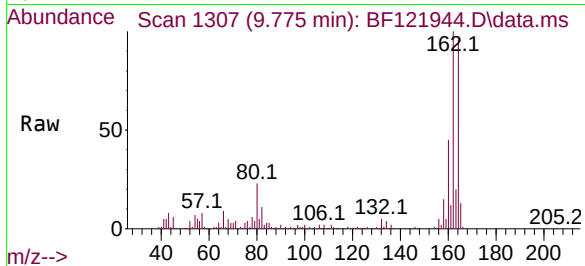




#51
2,6-Dinitrotoluene
Concen: 8.12 ng
RT: 9.775 min Scan# 1307
Delta R.T. 0.194 min
Lab File: BF121944.D
Acq: 13 Oct 2020 18:16

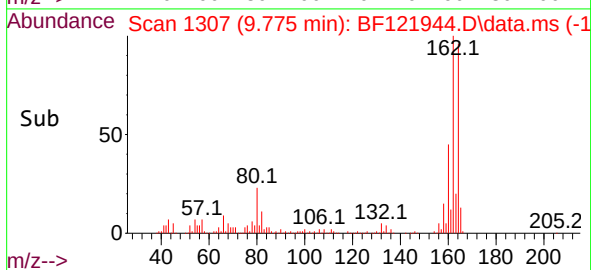
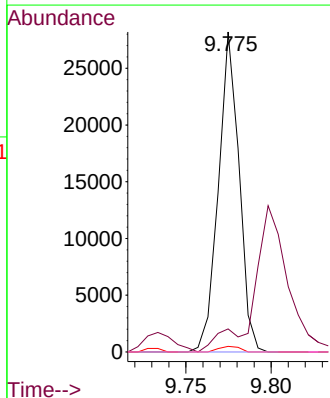
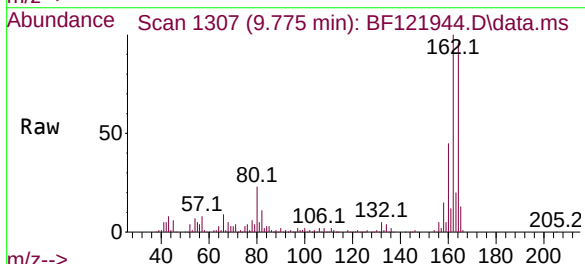
Instrument :
BNA_F
ClientSampleId :
RECLAMATION-TANK

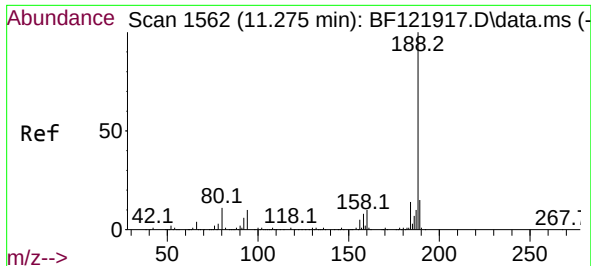
Tgt Ion:165 Resp: 23742
Ion Ratio Lower Upper
165 100
63 7.2 51.8 77.6#
89 1.7 49.0 73.6#



#57
2,4-Dinitrotoluene
Concen: 6.59 ng
RT: 9.775 min Scan# 1307
Delta R.T. -0.212 min
Lab File: BF121944.D
Acq: 13 Oct 2020 18:16

Tgt Ion:165 Resp: 23742
Ion Ratio Lower Upper
165 100
63 7.2 41.3 61.9#
89 1.7 61.8 92.8#
182 0.0 2.1 3.1#

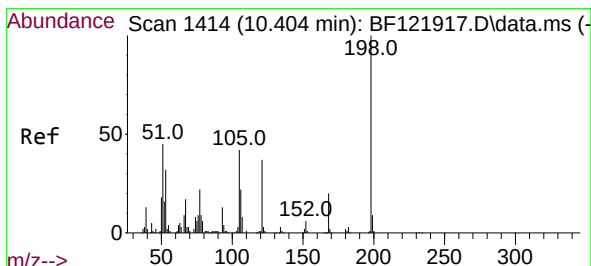
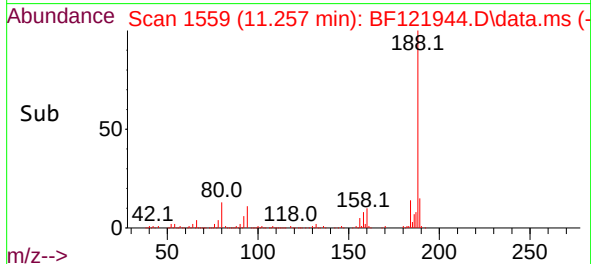
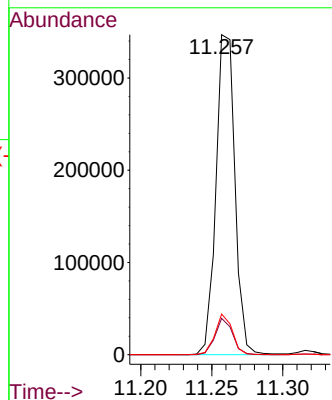
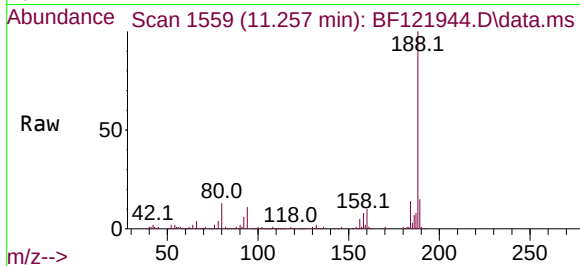




#64
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.257 min Scan# 1559
Delta R.T. -0.018 min
Lab File: BF121944.D
Acq: 13 Oct 2020 18:16

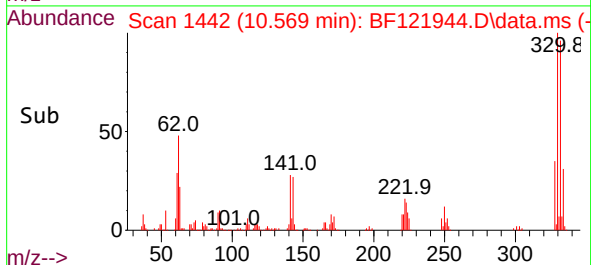
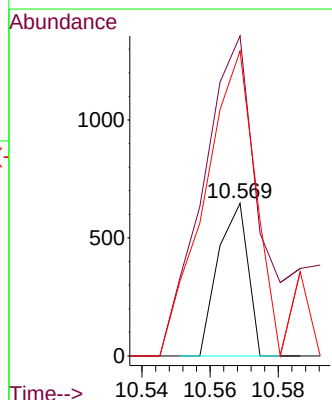
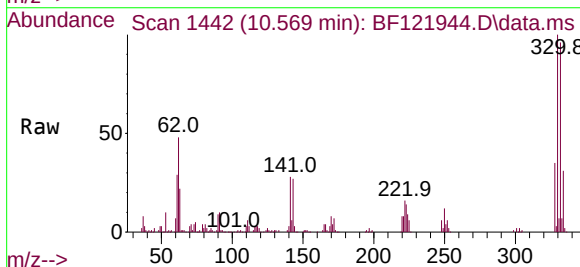
Instrument :
BNA_F
ClientSampleId :
RECLAMATION-TANK

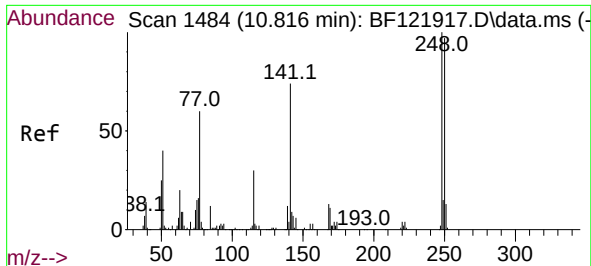
Tgt Ion:188 Resp: 322520
Ion Ratio Lower Upper
188 100
94 11.3 8.3 12.5
80 12.7 9.1 13.7



#65
4,6-Dinitro-2-methylphenol
Concen: 4.60 ng
RT: 10.569 min Scan# 1442
Delta R.T. 0.165 min
Lab File: BF121944.D
Acq: 13 Oct 2020 18:16

Tgt Ion:198 Resp: 394
Ion Ratio Lower Upper
198 100
51 209.6 29.6 69.6#
105 199.7 24.4 64.4#

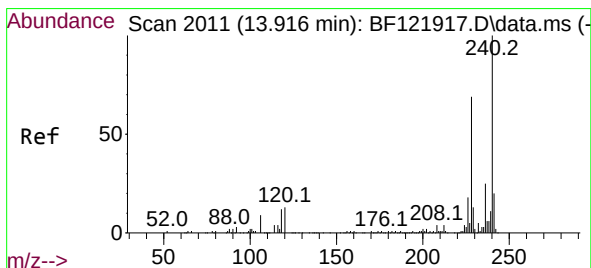
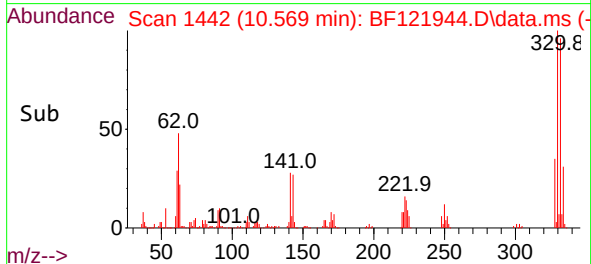
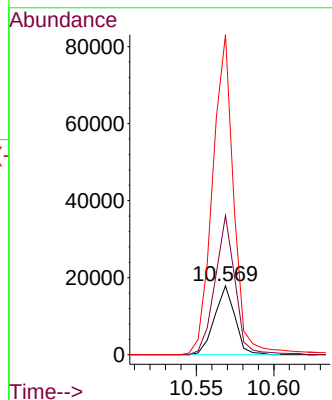
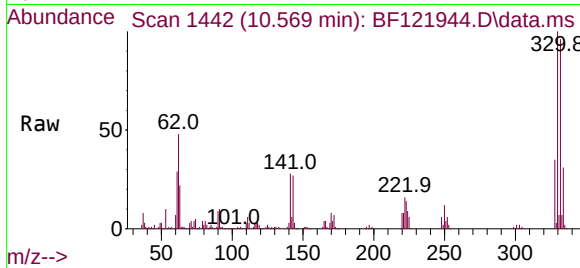




#67
4-Bromophenyl-phenylether
Concen: 4.38 ng
RT: 10.569 min Scan# 1442
Delta R.T. -0.247 min
Lab File: BF121944.D
Acq: 13 Oct 2020 18:16

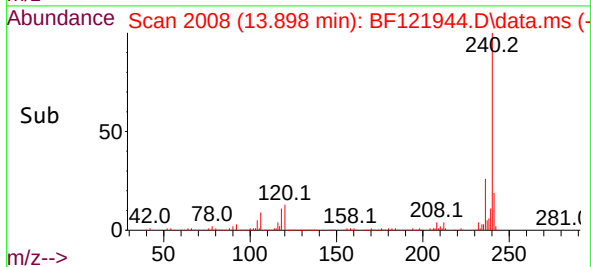
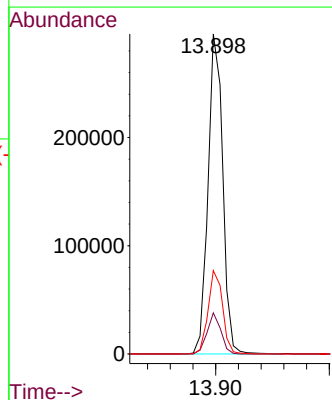
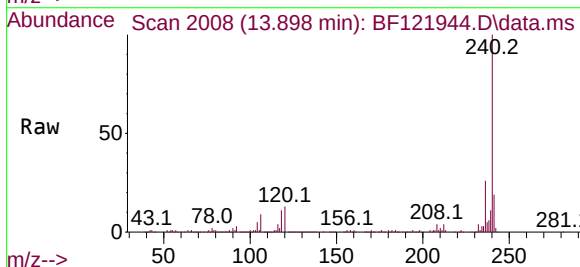
Instrument :
BNA_F
ClientSampleId :
RECLAMATION-TANK

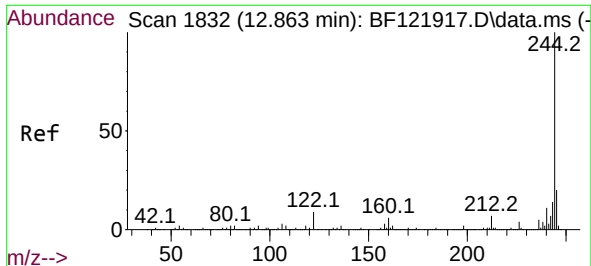
Tgt Ion:248 Resp: 16327
Ion Ratio Lower Upper
248 100
250 202.6 77.0 115.6#
141 465.5 53.7 80.5#



#76
Chrysene-d12
Concen: 20.00 ng
RT: 13.898 min Scan# 2008
Delta R.T. -0.018 min
Lab File: BF121944.D
Acq: 13 Oct 2020 18:16

Tgt Ion:240 Resp: 265117
Ion Ratio Lower Upper
240 100
120 12.8 9.2 13.8
236 26.0 20.9 31.3

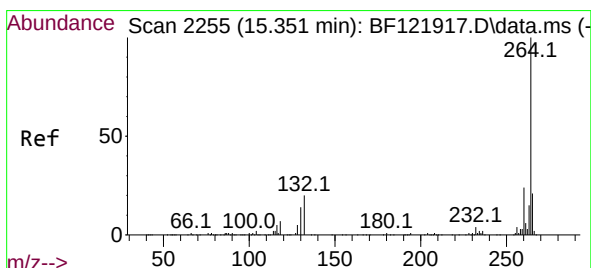
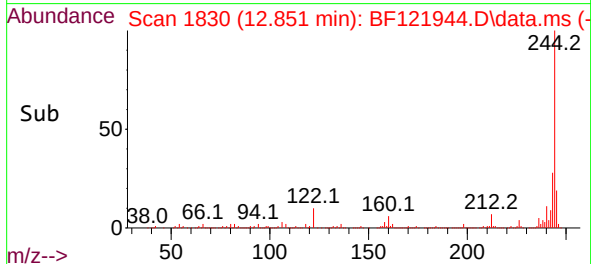
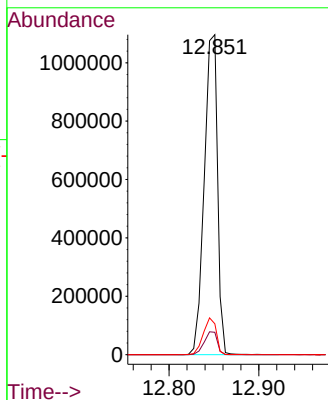
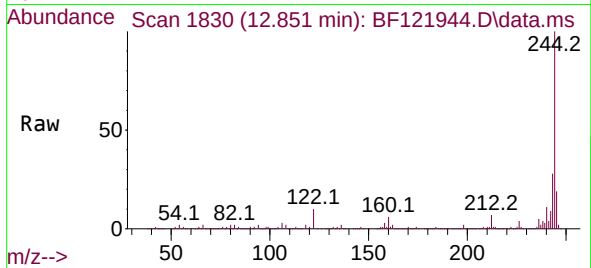




#79
Terphenyl-d14
Concen: 80.92 ng
RT: 12.851 min Scan# 1830
Delta R.T. -0.012 min
Lab File: BF121944.D
Acq: 13 Oct 2020 18:16

Instrument :
BNA_F
ClientSampleId :
RECLAMATION-TANK

Tgt Ion:244 Resp: 1125646
Ion Ratio Lower Upper
244 100
212 7.0 5.4 8.2
122 9.6 8.1 12.1



#86
Perylene-d12
Concen: 20.00 ng
RT: 15.333 min Scan# 2252
Delta R.T. -0.018 min
Lab File: BF121944.D
Acq: 13 Oct 2020 18:16

Tgt Ion:264 Resp: 267959
Ion Ratio Lower Upper
264 100
260 23.4 18.7 28.1
265 21.1 17.3 25.9

