Quantitation Report (Not Reviewed)

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 17:04:22 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
32) Benzoic acid	8.06	122	113	6.673	ng	# 14
48) 2-Nitroaniline	9.45	65	2566	6.863	ng	# 75
51) 2,6-Dinitrotoluene	9.67	165	5375	7.032	ng	# 33
53) 3-Nitroaniline	9.82	138	3939	5.813	ng	# 17
54) 2,4-Dinitrophenol	10.12	184	423	Below Cal		# 1
56) 4-Nitrophenol	10.02	139	4210	8.342	ng	# 1
57) 2,4-Dinitrotoluene	10.07	165	5500	7.775	ng	# 33
62) 4-Nitroaniline	10.46	138	827	4.611	ng	# 14
65) 4,6-Dinitro-2-methylphenol	10.51	198	1678	6.472	ng	# 1

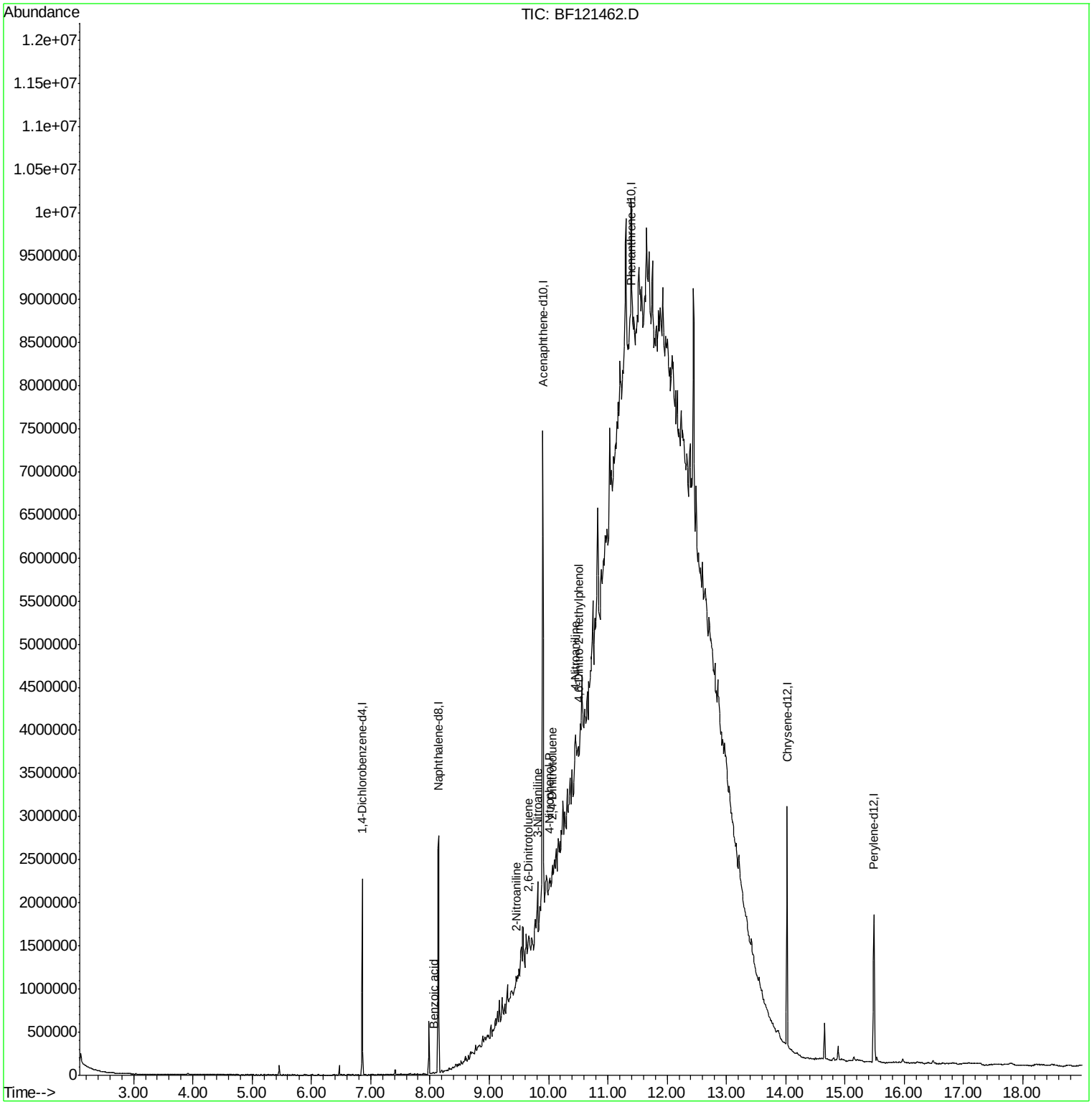
(#) = qualifier out of range (m) = manual integration (+) = signals summed

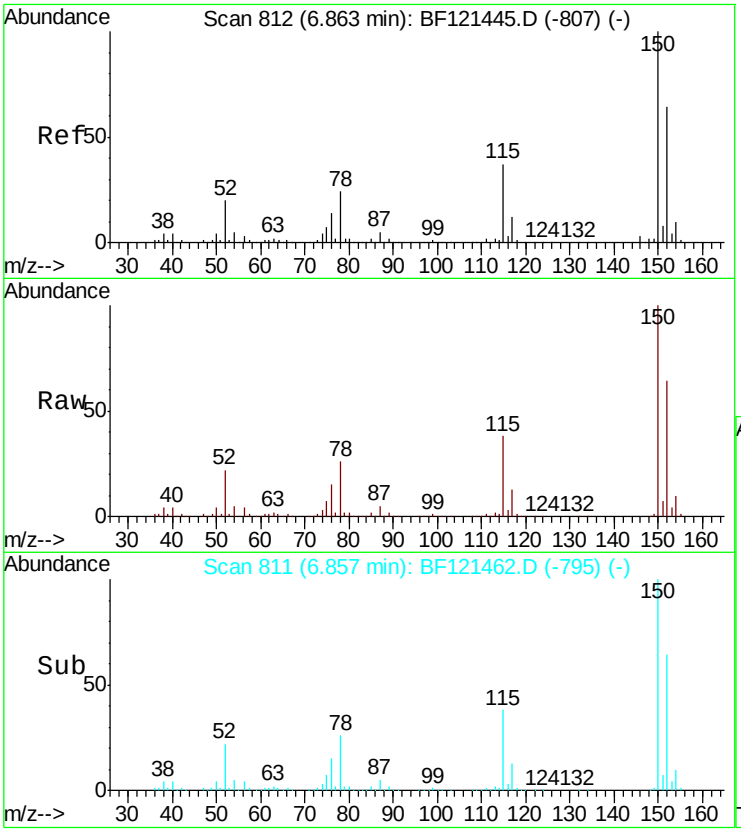
Quantitation Report (Not Reviewed)

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 17:04:22 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



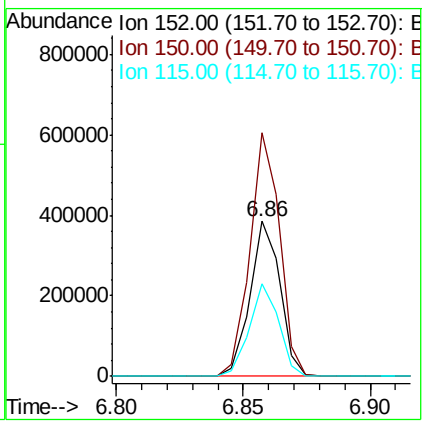


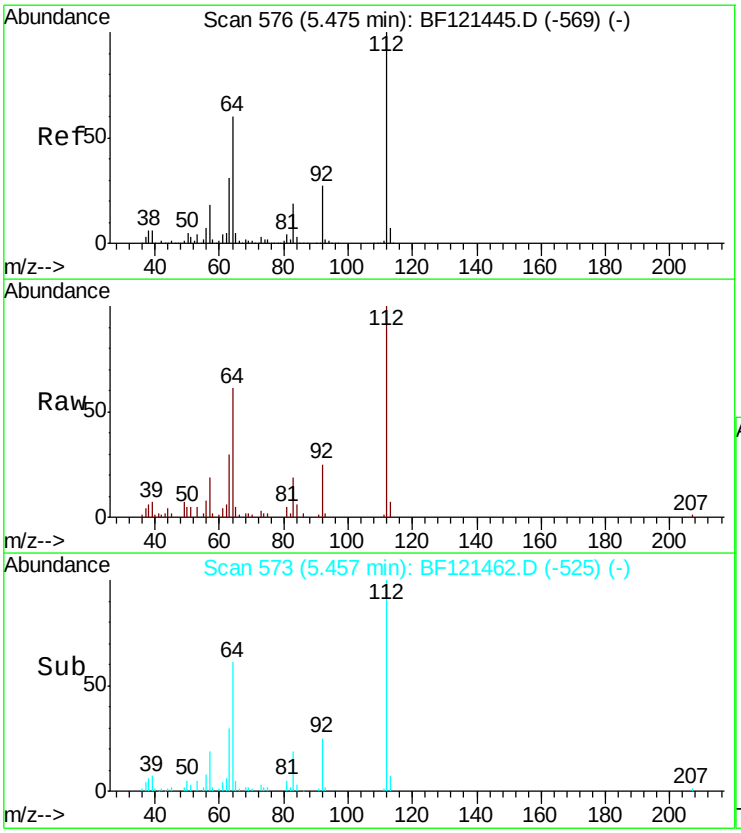
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.86 min Scan# 811
Delta R.T. -0.01 min
Lab File: BF121462.D
Acq: 28 Aug 2020 16:25

Instrument :
BNA_F
ClientSampleId :
OIL-1

Tgt Ion:152 Resp: 317298

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

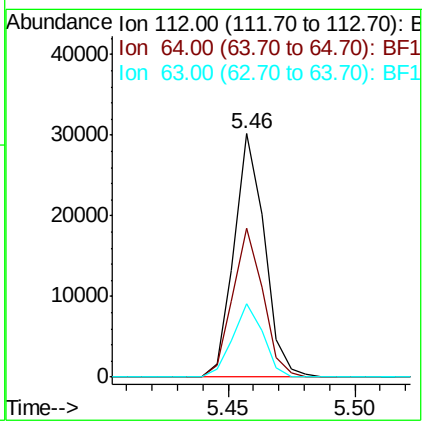


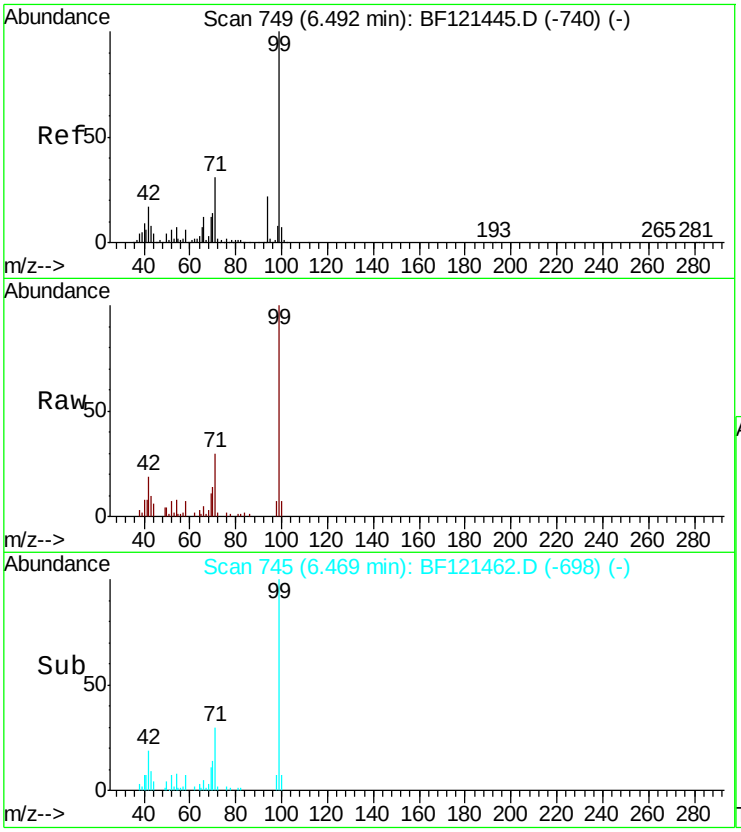


#5
2-Fluorophenol
Concen: 1.330 ng
RT: 5.46 min Scan# 573
Delta R.T. -0.02 min
Lab File: BF121462.D
Acq: 28 Aug 2020 16:25

Tgt Ion:112 Resp: 25144

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



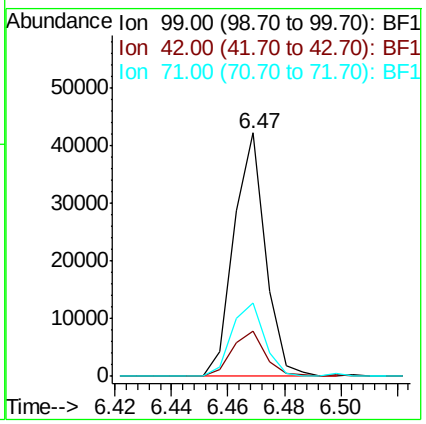


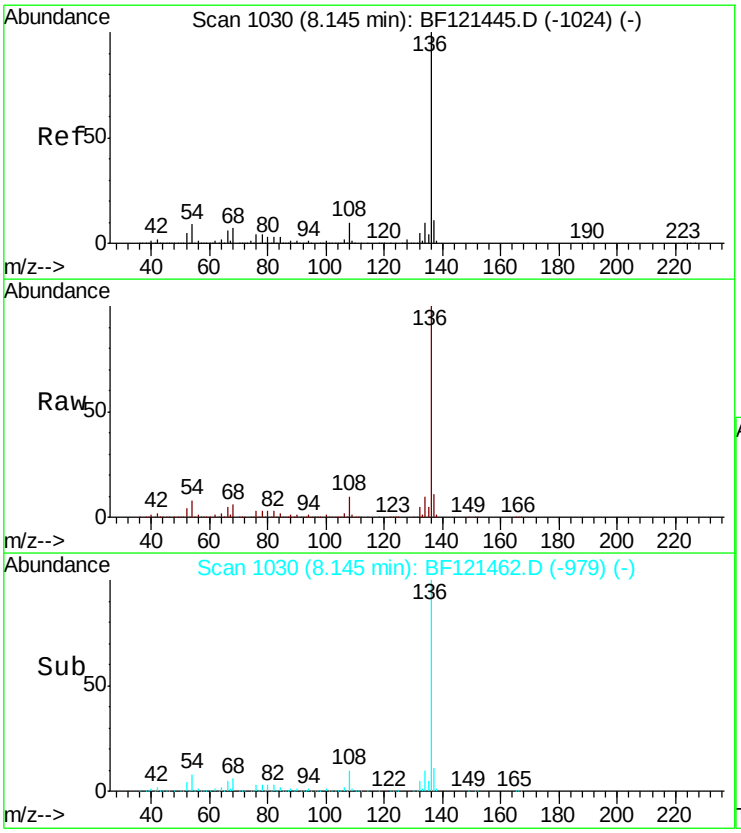
#7
Phenol-d6
Concen: 1.231 ng
RT: 6.47 min Scan# 745
Delta R.T. -0.02 min
Lab File: BF121462.D
Acq: 28 Aug 2020 16:25

Instrument :
BNA_F
ClientSampleId :
OIL-1

Tgt Ion: 99 Resp: 32543

Ion	Ratio	Lower	Upper
99	100		
42	18.8	13.5	20.3
71	30.2	24.6	37.0

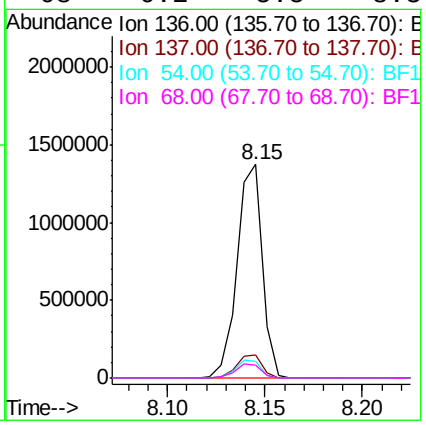


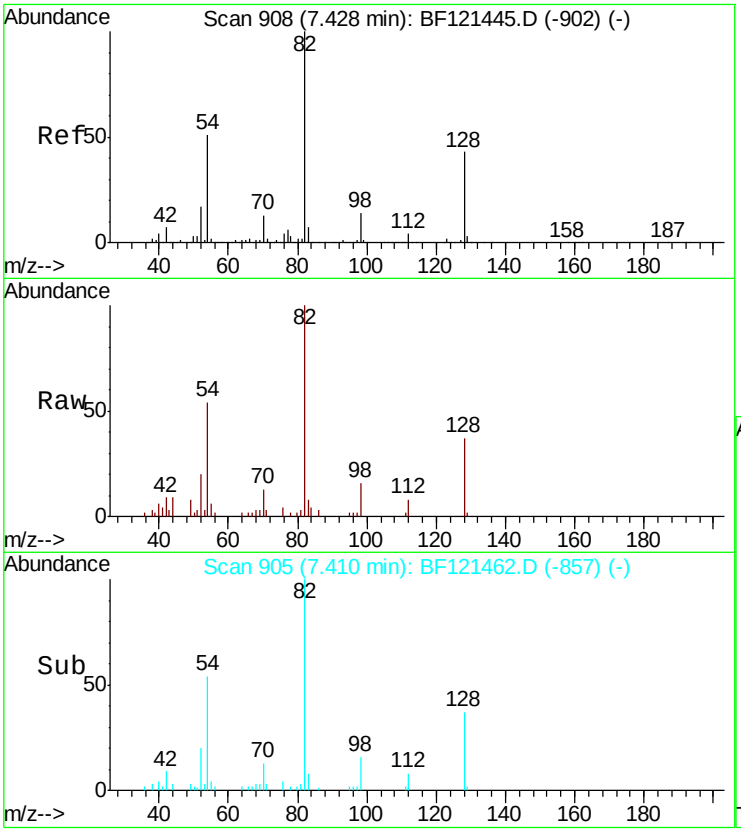


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.15 min Scan# 1030
Delta R.T. -0.00 min
Lab File: BF121462.D
Acq: 28 Aug 2020 16:25

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



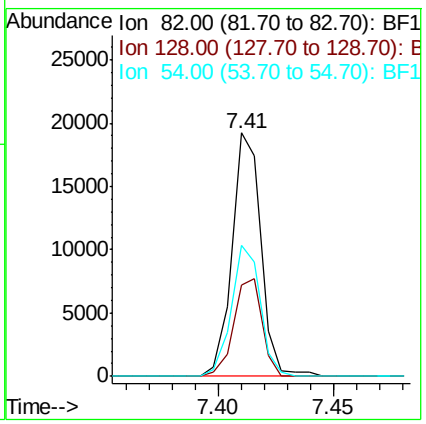


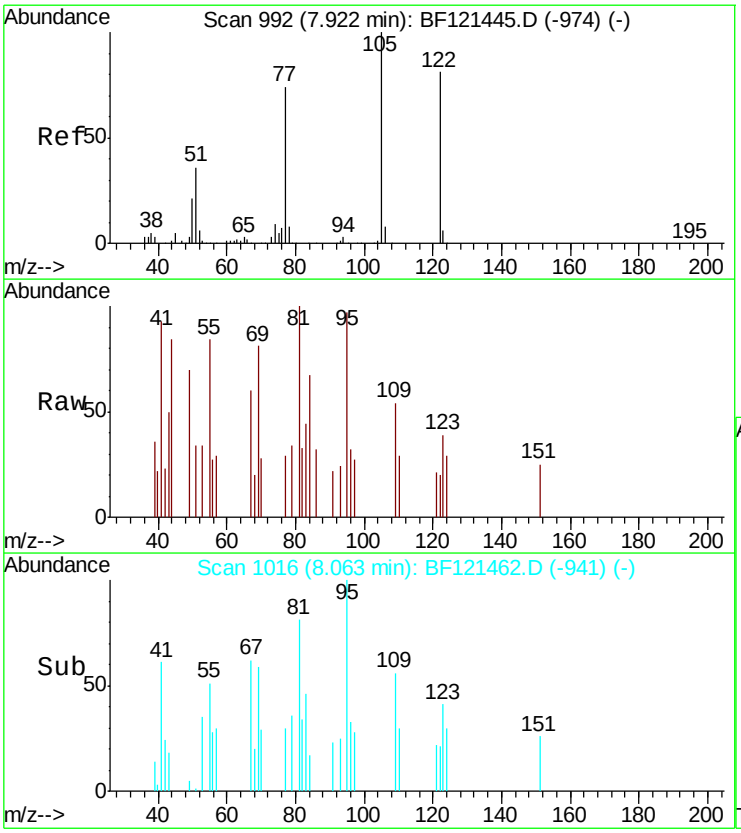
#23
Nitrobenzene-d5
Concen: 0.932 ng
RT: 7.41 min Scan# 905
Delta R.T. -0.02 min
Lab File: BF121462.D
Acq: 28 Aug 2020 16:25

Instrument :
BNA_F
ClientSampleId :
OIL-1

Tgt Ion: 82 Resp: 16750

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

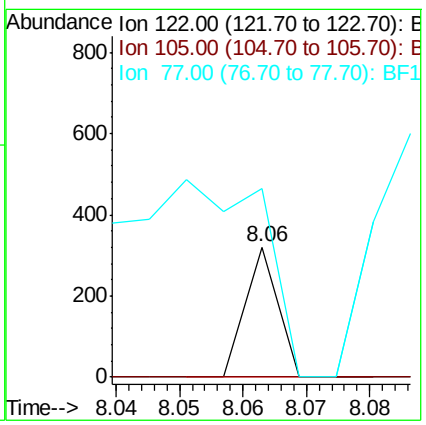


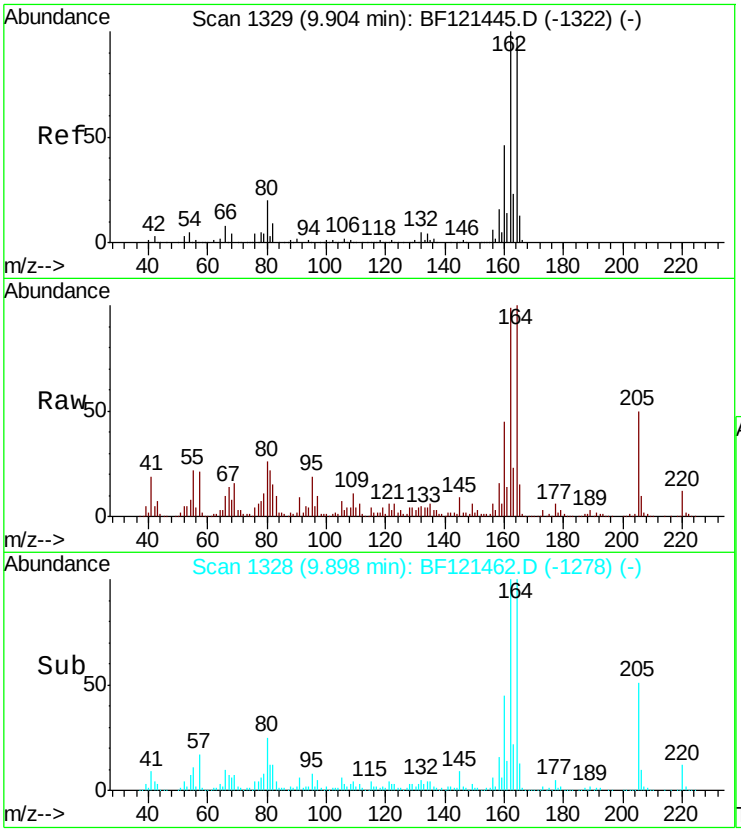


#32
Benzoic acid
Concen: 6.673 ng
RT: 8.06 min Scan# 1016
Delta R.T. 0.14 min
Lab File: BF121462.D
Acq: 28 Aug 2020 16:25

Tgt Ion:122 Resp: 113

Ion	Ratio	Lower	Upper
122	100		
105	0.0	100.8	140.8#
77	145.2	71.5	111.5#



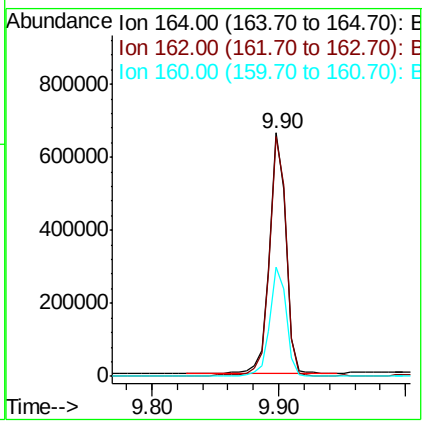


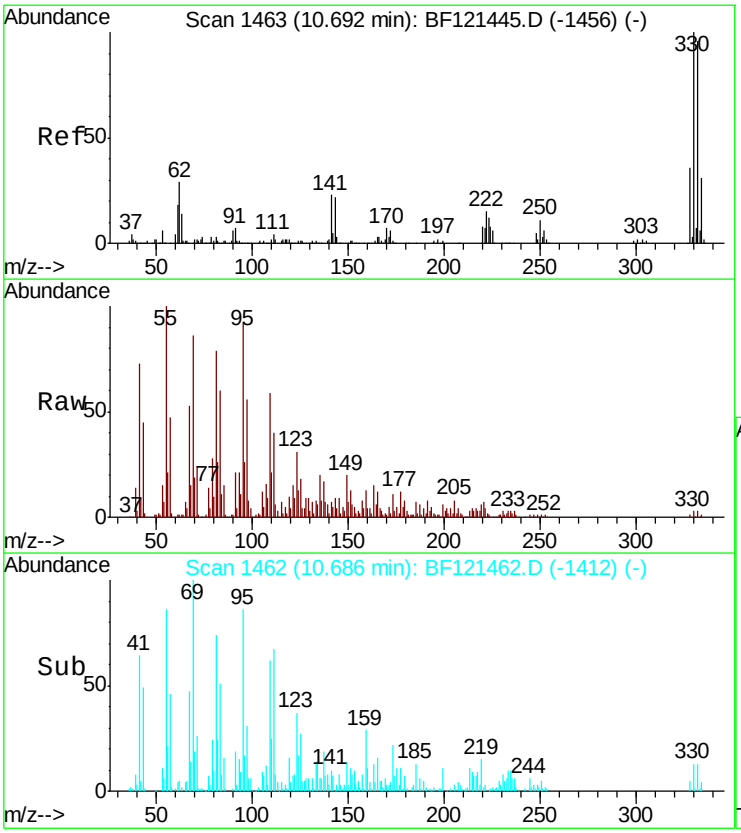
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.90 min Scan# 1328
Delta R.T. -0.01 min
Lab File: BF121462.D
Acq: 28 Aug 2020 16:25

Instrument :
BNA_F
ClientSampleId :
OIL-1

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

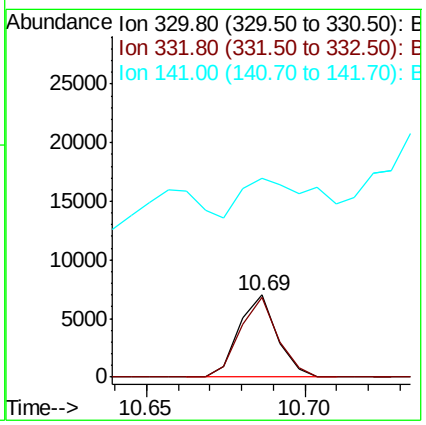


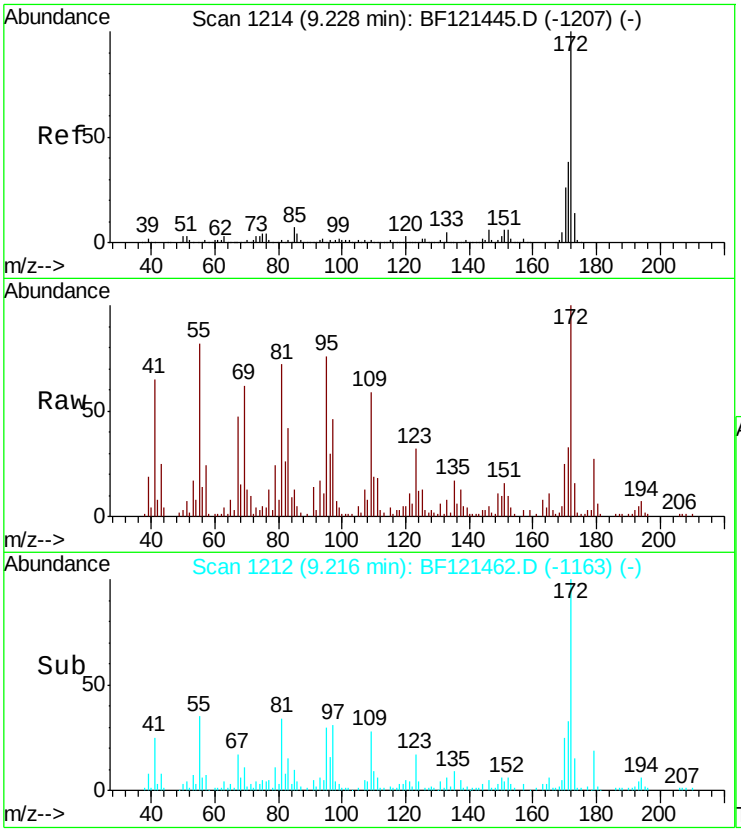


#42
2,4,6-Tribromophenol
Concen: 0.987 ng
RT: 10.69 min Scan# 1462
Delta R.T. -0.01 min
Lab File: BF121462.D
Acq: 28 Aug 2020 16:25

Tgt Ion:330 Resp: 5874

Ion	Ratio	Lower	Upper
330	100		
332	96.9	76.2	114.2
141	87.1	24.6	36.8#



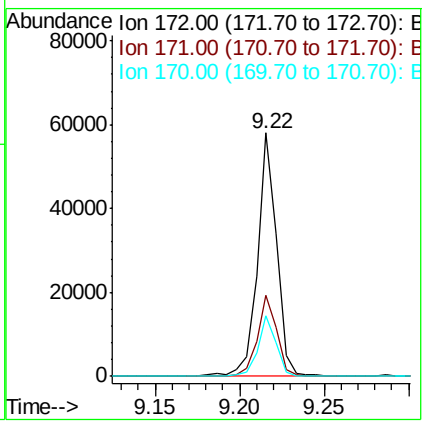


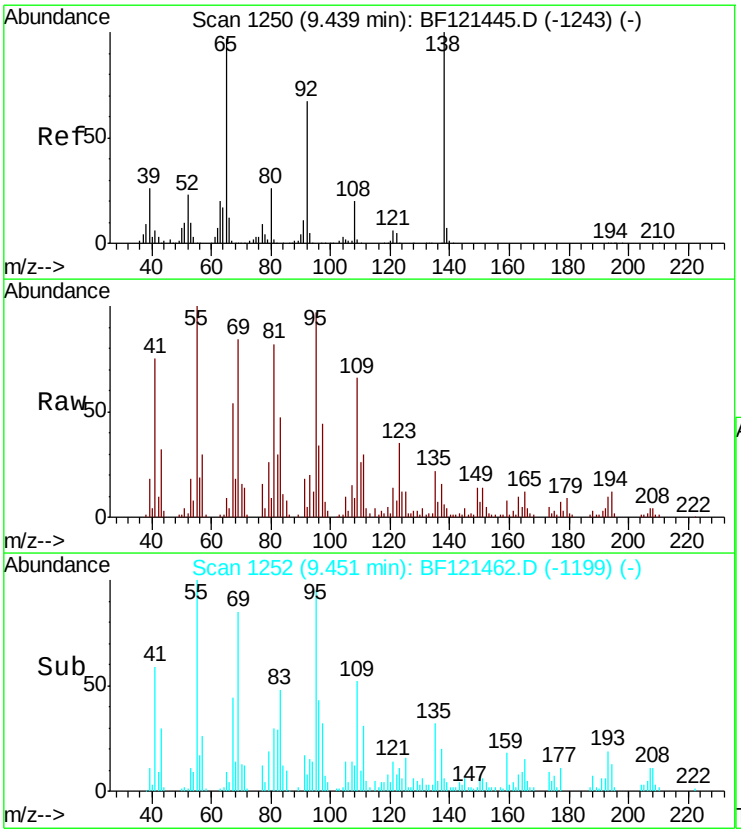
#45
2-Fluorobiphenyl
Concen: 1.253 ng
RT: 9.22 min Scan# 1212
Delta R.T. -0.01 min
Lab File: BF121462.D
Acq: 28 Aug 2020 16:25

Instrument :
BNA_F
ClientSampleId :
OIL-1

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

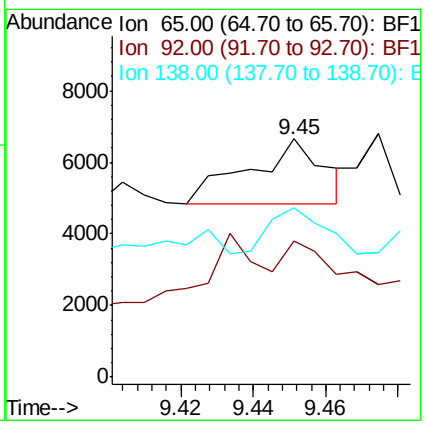


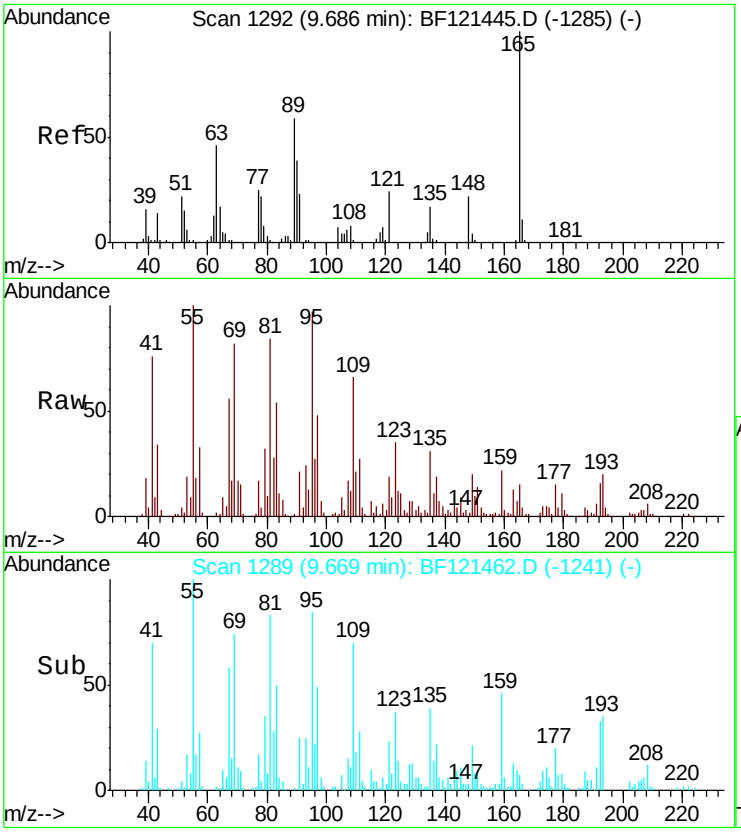


#48
2-Nitroaniline
Concen: 6.863 ng
RT: 9.45 min Scan# 1252
Delta R.T. 0.01 min
Lab File: BF121462.D
Acq: 28 Aug 2020 16:25

Tgt Ion: 65 Resp: 2566

Ion	Ratio	Lower	Upper
65	100		
92	57.2	55.6	83.4
138	71.2	82.9	124.3#



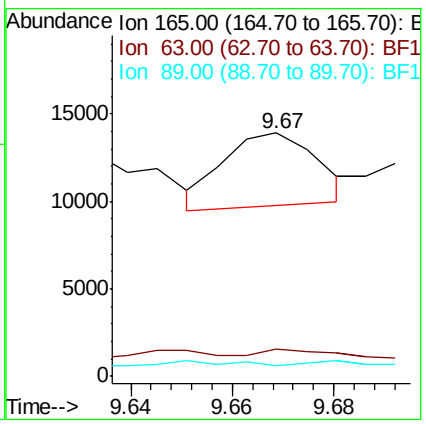


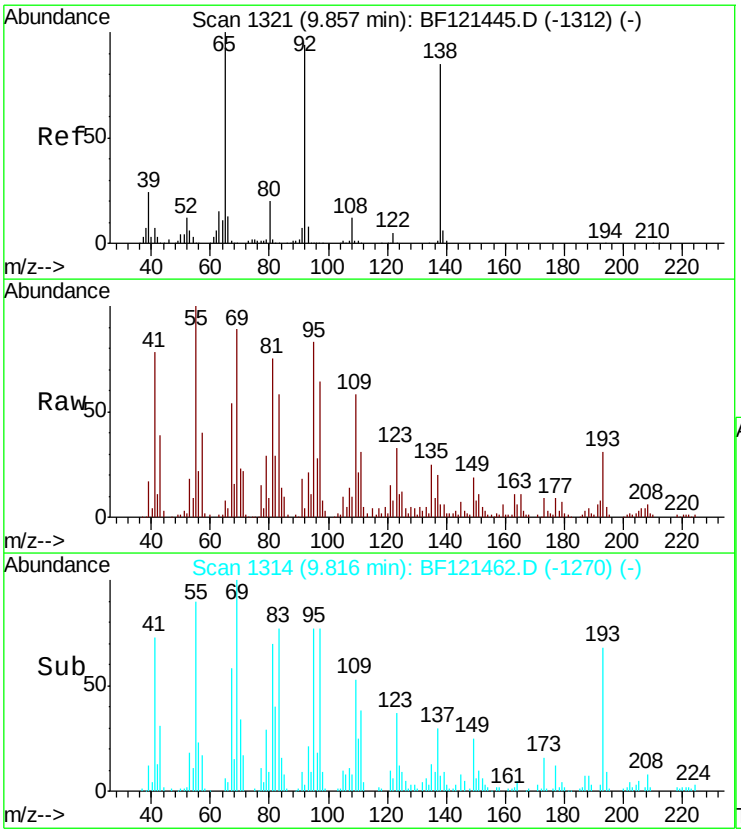
#51
2,6-Dinitrotoluene
Concen: 7.032 ng
RT: 9.67 min Scan# 1289
Delta R.T. -0.02 min
Lab File: BF121462.D
Acq: 28 Aug 2020 16:25

Instrument :
BNA_F
ClientSampleId :
OIL-1

Tgt Ion:165 Resp: 5375

Ion	Ratio	Lower	Upper
165	100		
63	11.5	43.6	65.4#
89	4.4	47.4	71.2#

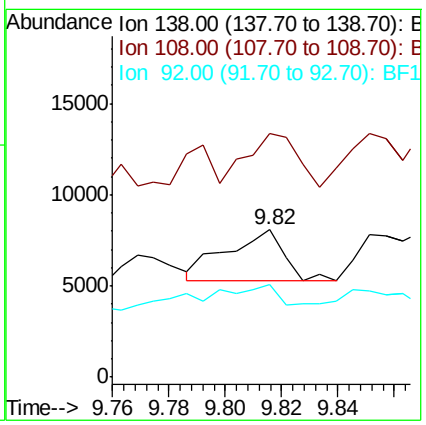


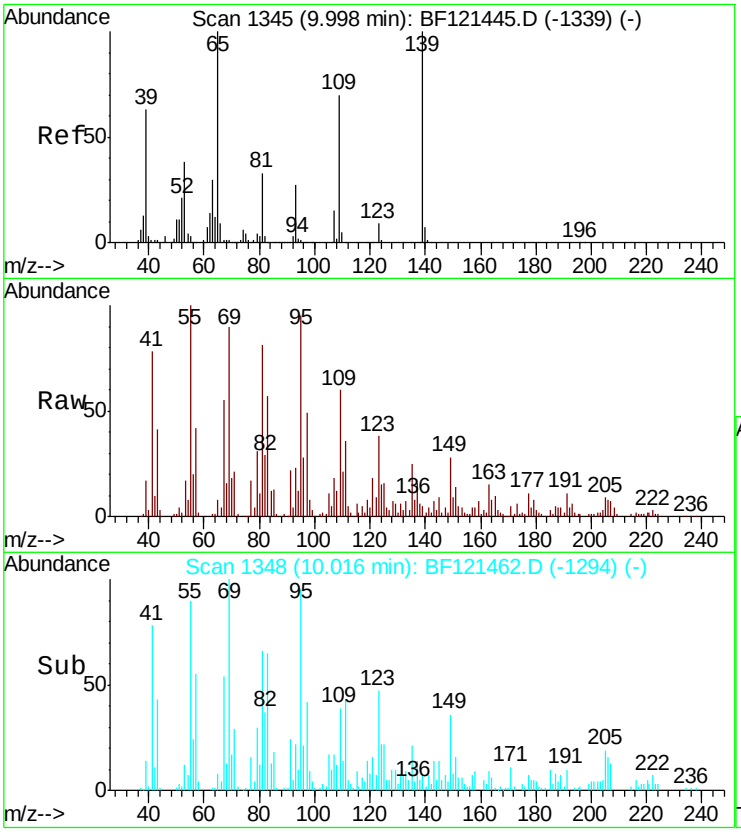


#53
3-Nitroaniline
Concen: 5.813 ng
RT: 9.82 min Scan# 1314
Delta R.T. -0.04 min
Lab File: BF121462.D
Acq: 28 Aug 2020 16:25

Tgt Ion:138 Resp: 3939

Ion	Ratio	Lower	Upper
138	100		
108	165.4	11.6	17.4#
92	62.6	88.6	132.8#



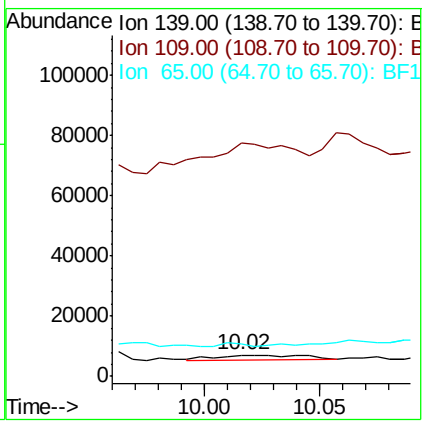


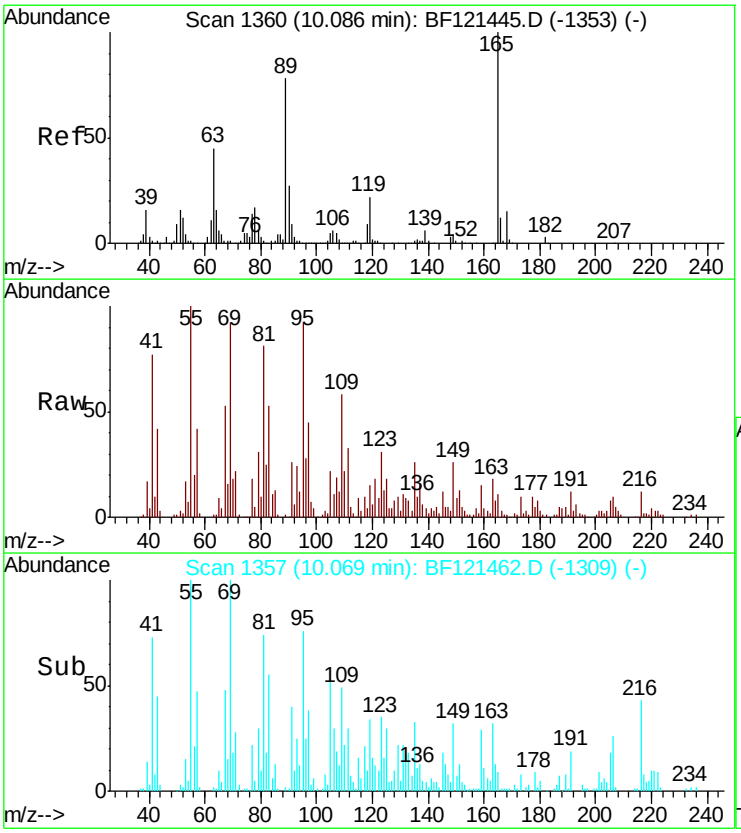
#56
4-Nitrophenol
Concen: 8.342 ng
RT: 10.02 min Scan# 1348
Delta R.T. 0.02 min
Lab File: BF121462.D
Acq: 28 Aug 2020 16:25

Instrument :
BNA_F
ClientSampleId :
OIL-1

Tgt Ion:139 Resp: 4210

Ion	Ratio	Lower	Upper
139	100		
109	1112.7	50.5	90.5#
65	156.4	80.2	120.2#

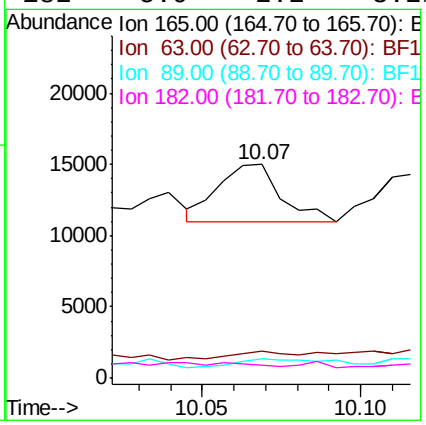


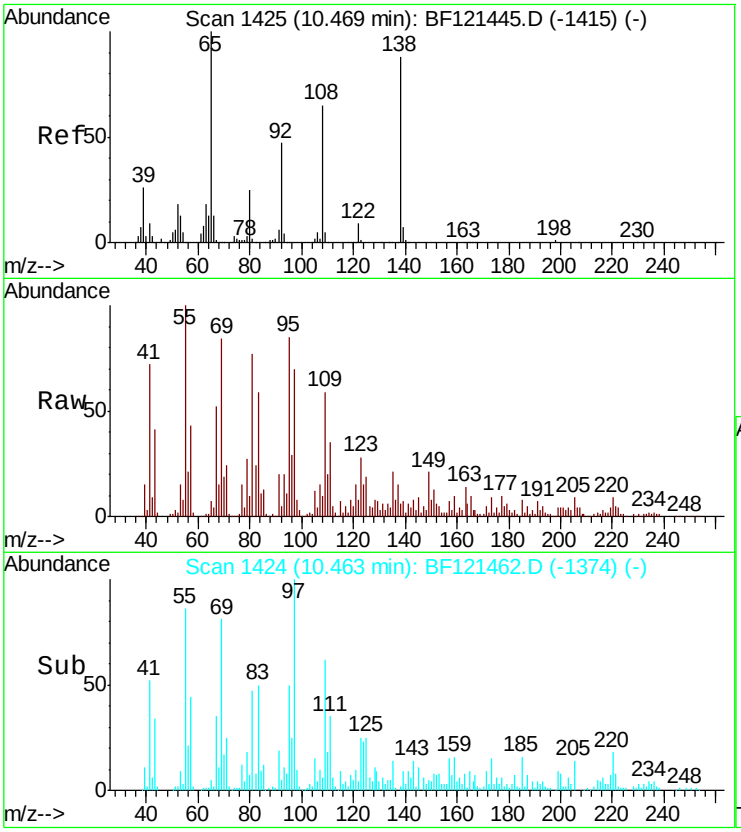


#57
2,4-Dinitrotoluene
Concen: 7.775 ng
RT: 10.07 min Scan# 1357
Delta R.T. -0.02 min
Lab File: BF121462.D
Acq: 28 Aug 2020 16:25

Tgt Ion:165 Resp: 5500

Ion	Ratio	Lower	Upper
165	100		
63	12.4	36.0	54.0#
89	9.0	62.6	93.8#
182	5.9	2.2	3.2#



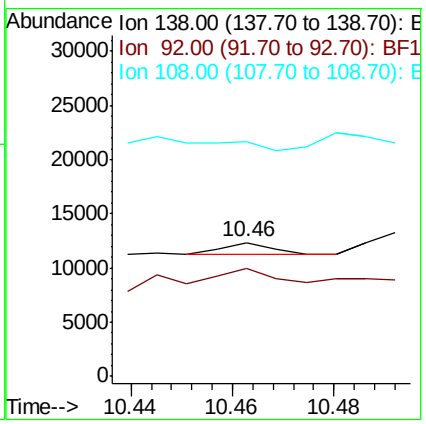


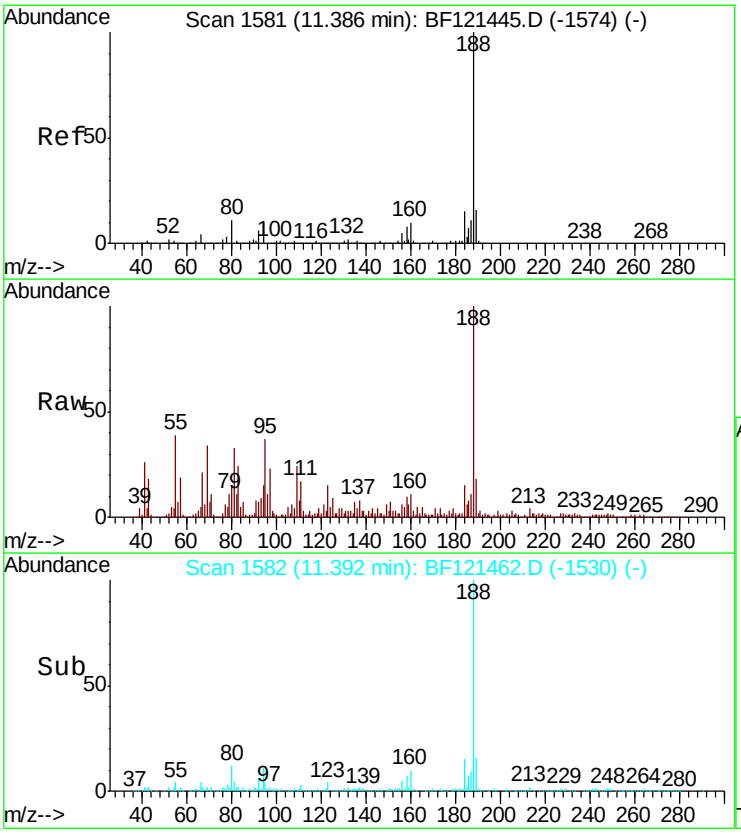
#62
4-Nitroaniline
Concen: 4.611 ng
RT: 10.46 min Scan# 1424
Delta R.T. -0.01 min
Lab File: BF121462.D
Acq: 28 Aug 2020 16:25

Instrument :
BNA_F
ClientSampleId :
OIL-1

Tgt Ion:138 Resp: 827

Ion	Ratio	Lower	Upper
138	100		
92	80.8	33.2	73.2#
108	174.7	53.6	93.6#

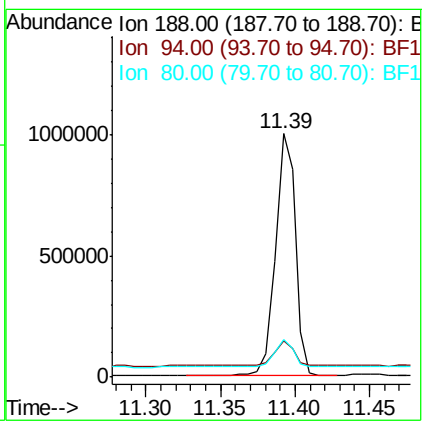


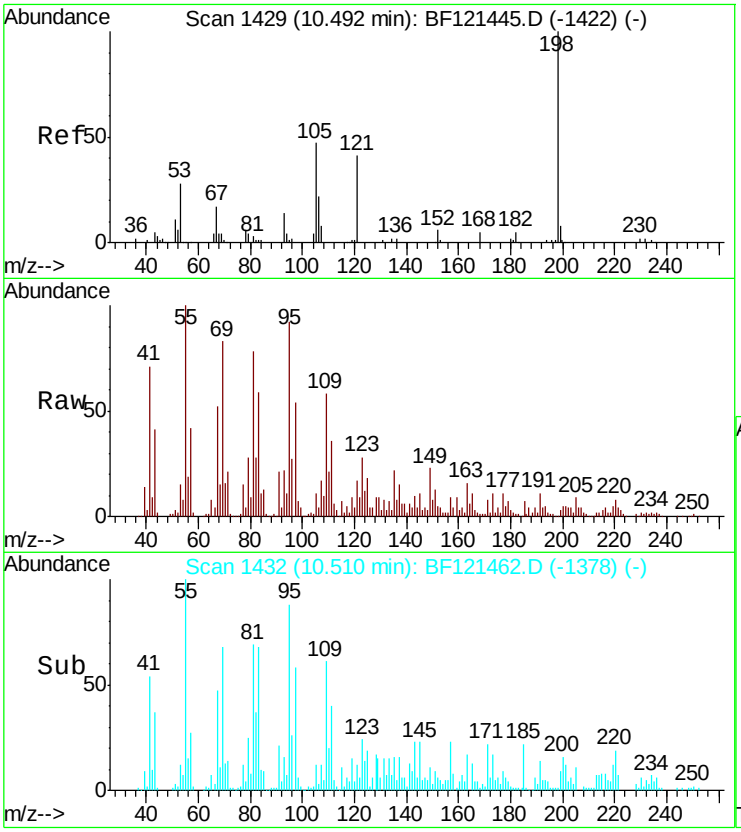


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.39 min Scan# 1582
Delta R.T. 0.01 min
Lab File: BF121462.D
Acq: 28 Aug 2020 16:25

Tgt Ion:188 Resp: 934181

Ion	Ratio	Lower	Upper
188	100		
94	15.0	8.3	12.5#
80	15.2	8.6	13.0#



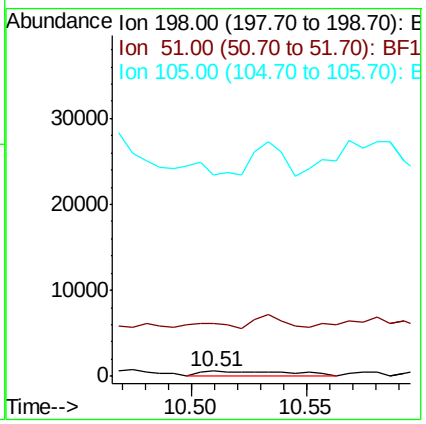


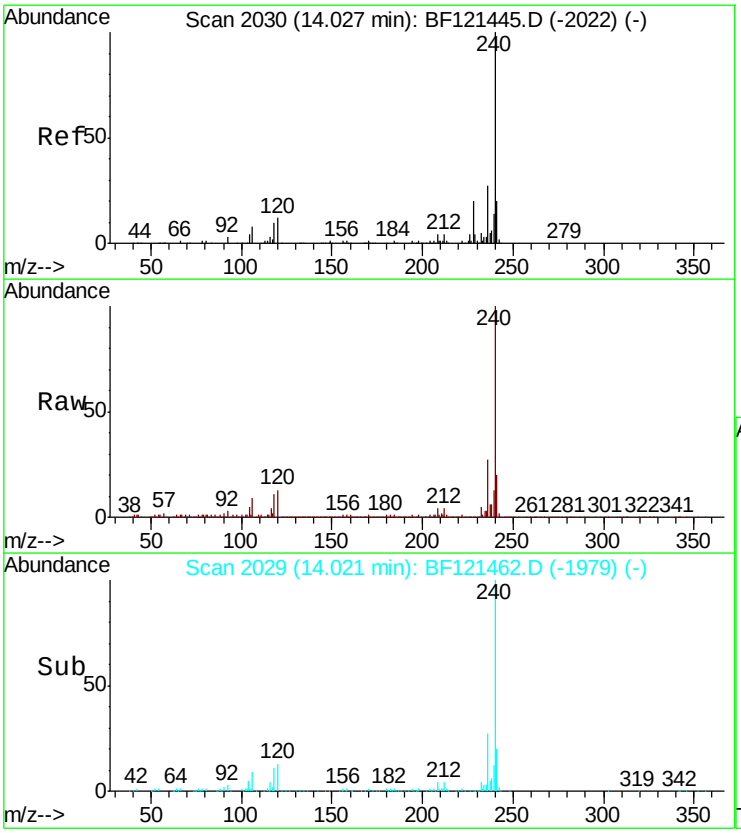
#65
4,6-Dinitro-2-methylphenol
Concen: 6.472 ng
RT: 10.51 min Scan# 1432
Delta R.T. 0.02 min
Lab File: BF121462.D
Acq: 28 Aug 2020 16:25

Instrument :
BNA_F
ClientSampleId :
OIL-1

Tgt Ion:198 Resp: 1678

Ion	Ratio	Lower	Upper
198	100		
51	1050.0	29.0	69.0#
105	4006.8	29.1	69.1#

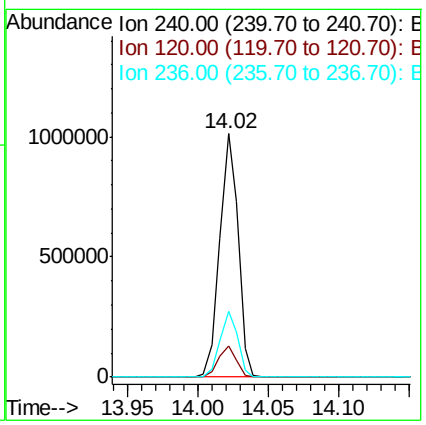


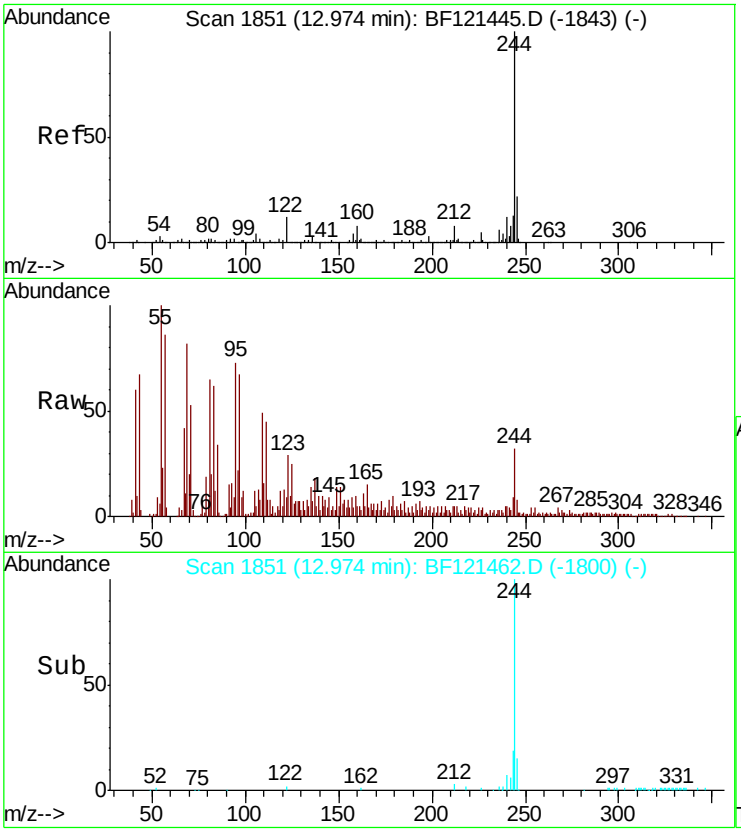


#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.02 min Scan# 2029
Delta R.T. -0.01 min
Lab File: BF121462.D
Acq: 28 Aug 2020 16:25

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



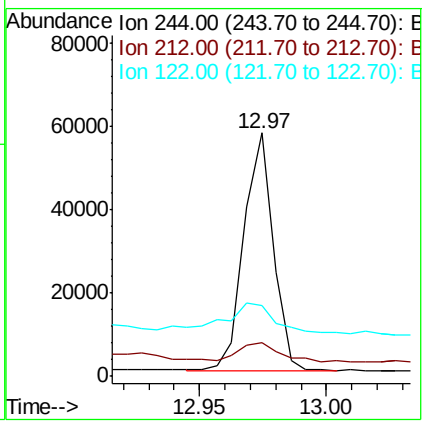


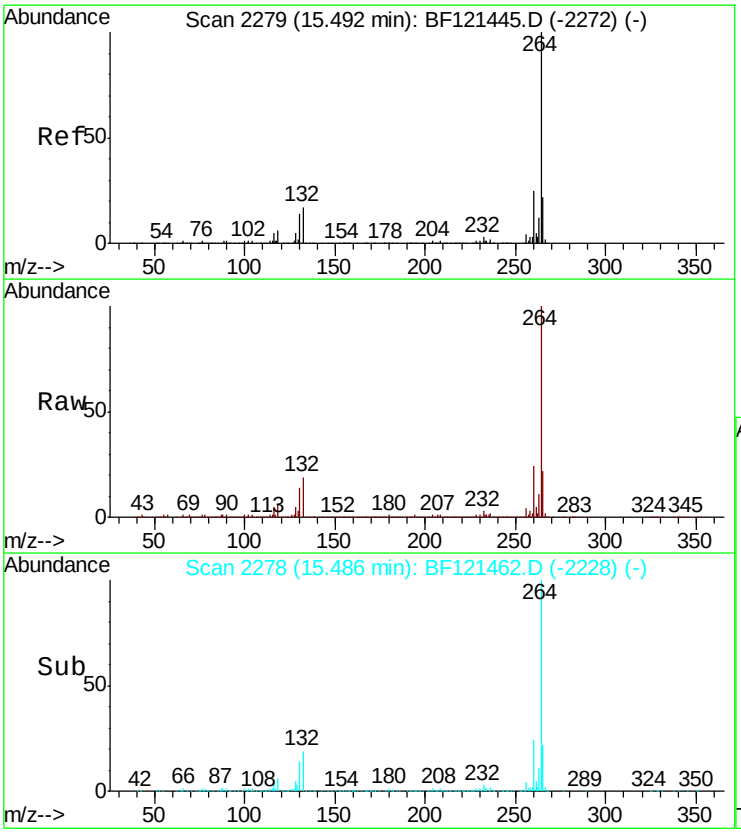
#79
Terphenyl-d14
Concen: 1.063 ng
RT: 12.97 min Scan# 1851
Delta R.T. -0.00 min
Lab File: BF121462.D
Acq: 28 Aug 2020 16:25

Instrument :
BNA_F
ClientSampleId :
OIL-1

Tgt Ion:244 Resp: 46398

Ion	Ratio	Lower	Upper
244	100		
212	14.0	6.3	9.5#
122	29.3	9.5	14.3#





#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