Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF111918\
Data File : BF110868.D
Acq On : 19 Nov 2018 22:57
Operator : JU/SJ
Sample : J5515-01DL2 20X
Misc :
ALS Vial : 42 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : NON-UST-1ADL2

Quant Time: Nov 20 00:37:40 2018
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF110818.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Nov 13 12:43:10 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.94	152	58136	20.00	ng	0.00
21) Naphthalene-d8	8.23	136	225415	20.00	ng	0.00
39) Acenaphthene-d10	9.99	164	94444	20.00	ng	0.00
64) Phenanthrene-d10	11.49	188	147033	20.00	ng	0.00
76) Chrysene-d12	14.13	240	138914	20.00	ng	0.00
87) Perylene-d12	15.67	264	88298	20.00	ng	0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.59	112	12495	3.49	ng	0.02
7) Phenol-d6	6.58	99	17973	3.93	ng	0.00
23) Nitrobenzene-d5	7.52	82	6533	1.67	ng	0.00
42) 2,4,6-Tribromophenol	10.79	330	2817	2.96	ng	0.00
45) 2-Fluorobiphenyl	9.30	172	22074	3.34	ng	0.00
79) Terphenyl-d14	13.06	244	19977	2.69	ng	0.00
Target Compounds						Qvalue
9) Benzaldehyde	6.47	77	1315	Below Cal	#	1
18) Hexachloroethane	7.47	117	21495	12.490	ng	# 1
19) n-Nitroso-di-n-propylamine	7.36	70	6968	2.385	ng	# 66
25) Isophorone	7.74	82	20679	3.223	ng	# 1
35) Caprolactam	8.66	113	4991	4.765	ng	# 1
37) 2-Methylnaphthalene	8.95	142	342733	49.406	ng	98
38) 1-Methylnaphthalene	8.95	142	342733	51.373	ng	94
48) 2-Nitroaniline	9.50	65	6352	3.248	ng	# 58
52) Acenaphthene	10.02	154	30776	5.328	ng	# 70
53) 3-Nitroaniline	9.97	138	3629	2.021	ng	# 41
54) 2,4-Dinitrophenol	10.04	184	281	5.130	ng	# 1
55) Dibenzofuran	10.20	168	25690	3.040	ng	# 39
56) 4-Nitrophenol	10.09	139	24169	20.284	ng	# 55
57) 2,4-Dinitrotoluene	10.19	165	15218	7.550	ng	# 59
58) Fluorene	10.55	166	54182	8.346	ng	# 68
65) 4,6-Dinitro-2-methylphenol	10.60	198	1534	2.070	ng	# 1
66) n-Nitrosodiphenylamine	10.65	169	92746	18.714	ng	# 41
71) Phenanthrene	11.51	178	149206	18.941	ng	97
72) Anthracene	11.51	178	148832	18.730	ng	97

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

Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF111918\
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NON-UST-1ADL2

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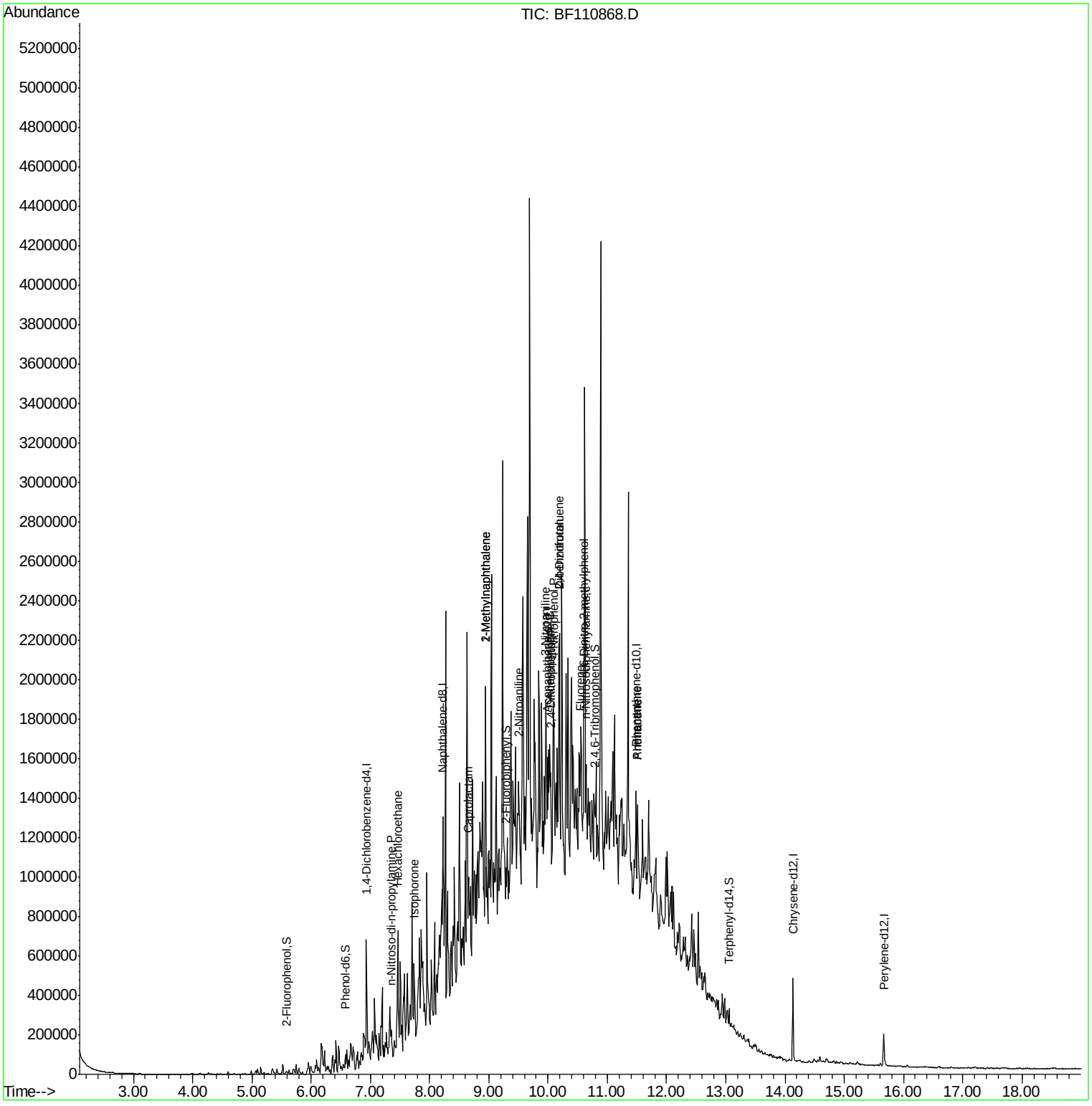
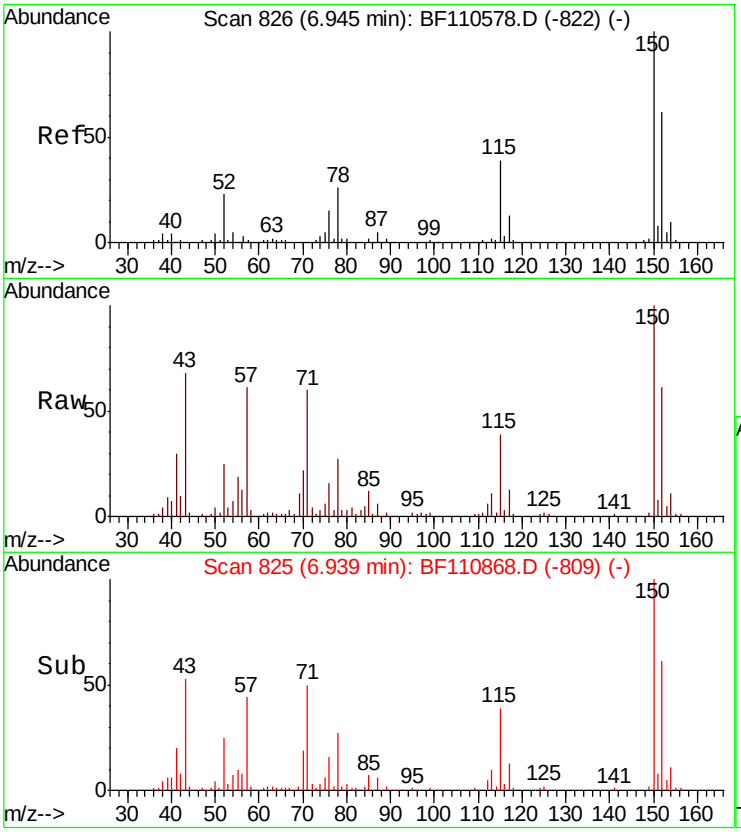


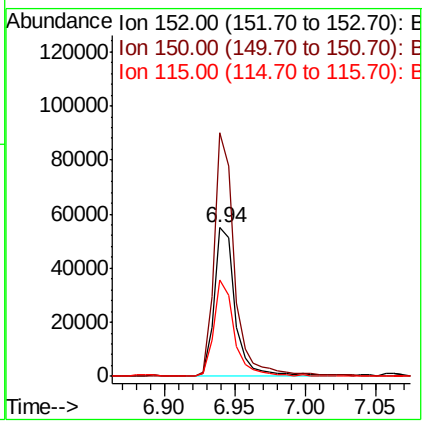


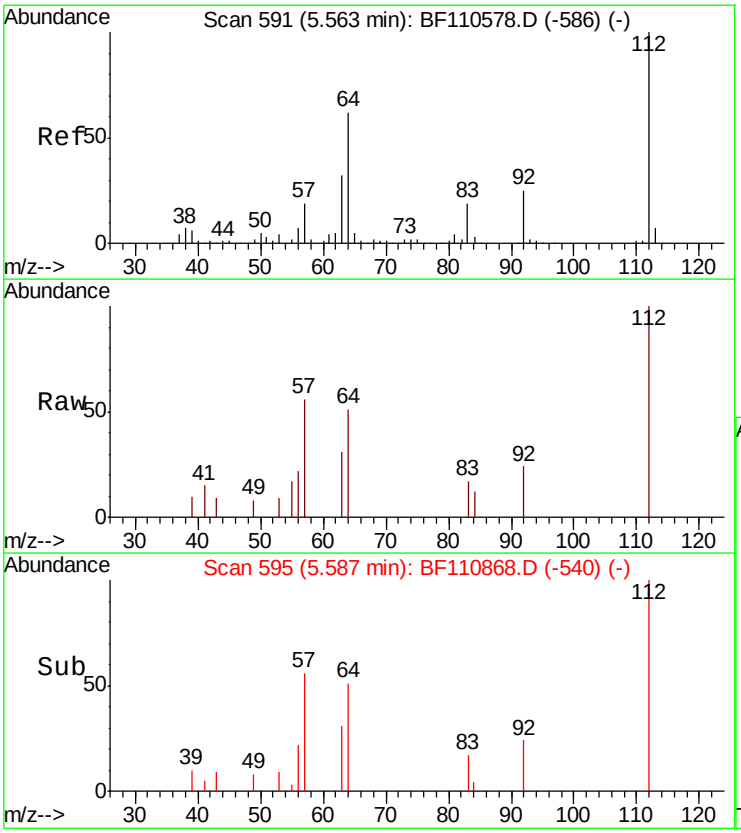
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.94 min Scan# 825
Delta R.T. -0.01 min
Lab File: BF110868.D
Acq: 19 Nov 2018 22:57

Instrument :
BNA_F
ClientSampleId :
NON-UST-1ADL2

Tgt Ion:152 Resp: 58136

Ion	Ratio	Lower	Upper
152	100		
150	163.6	122.7	184.1
115	64.5	49.1	73.7

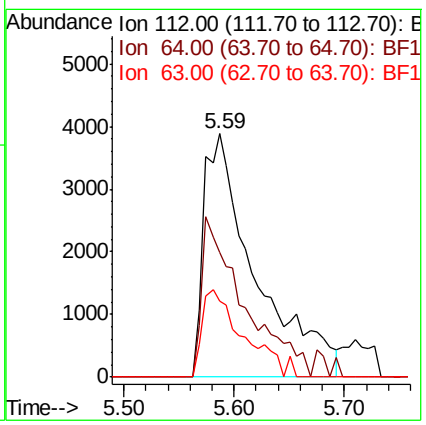


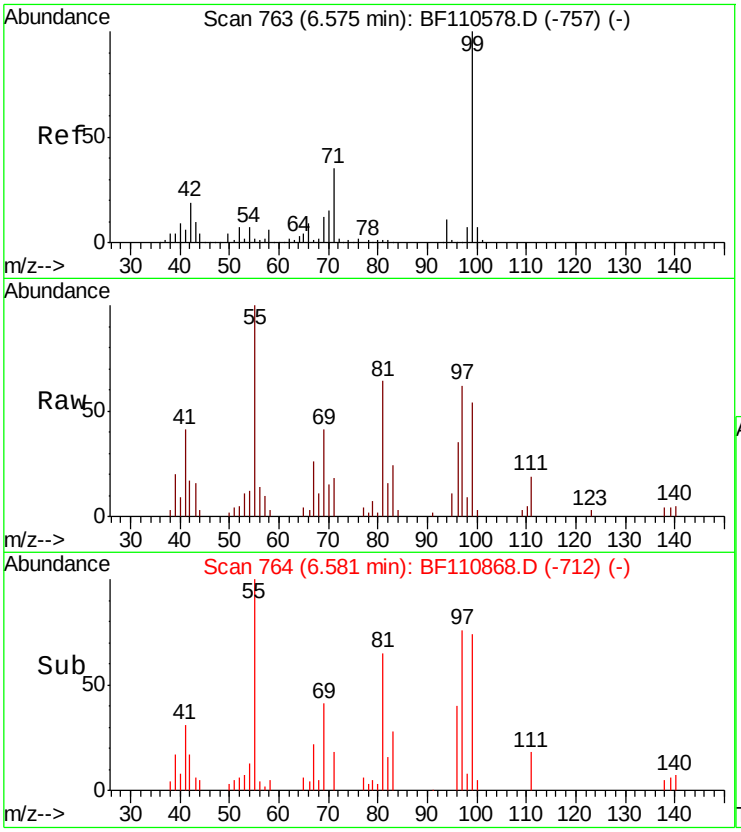


#5
2-Fluorophenol
Concen: 3.491 ng
RT: 5.59 min Scan# 595
Delta R.T. 0.02 min
Lab File: BF110868.D
Acq: 19 Nov 2018 22:57

Tgt Ion:112 Resp: 12495

Ion	Ratio	Lower	Upper
112	100		
64	51.4	44.1	66.1
63	31.1	23.7	35.5



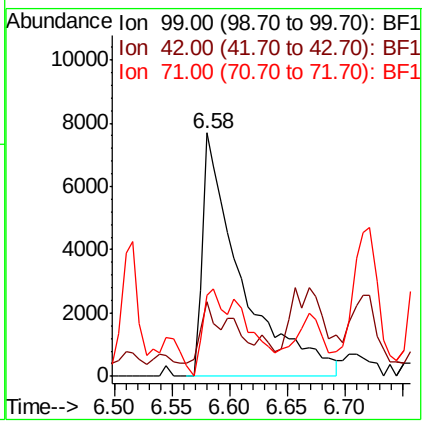


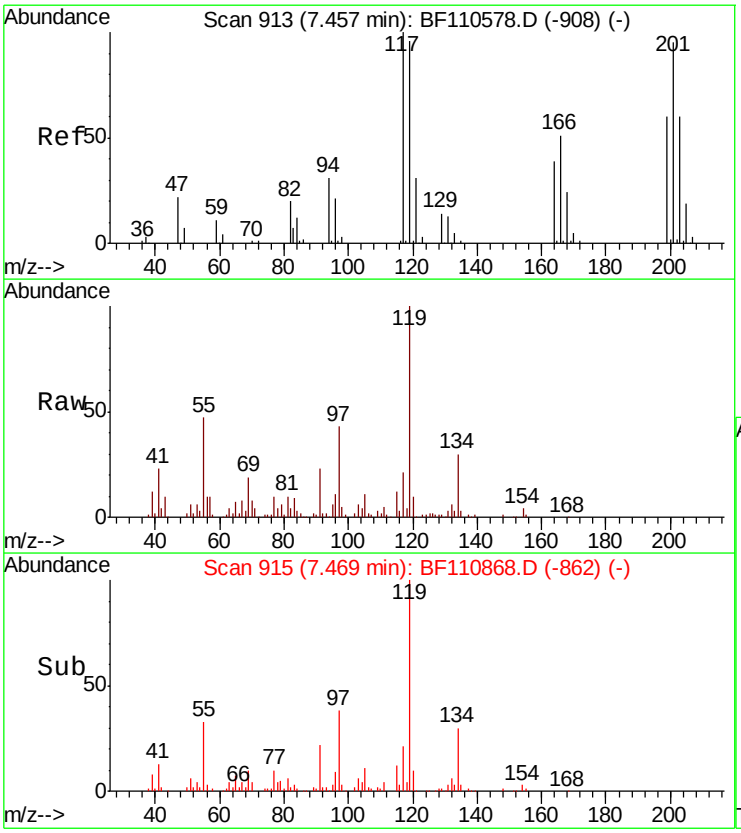
#7
Phenol-d6
Concen: 3.927 ng
RT: 6.58 min Scan# 764
Delta R.T. 0.01 min
Lab File: BF110868.D
Acq: 19 Nov 2018 22:57

Instrument :
BNA_F
ClientSampleId :
NON-UST-1ADL2

Tgt Ion: 99 Resp: 17973

Ion	Ratio	Lower	Upper
99	100		
42	30.8	15.8	23.6#
71	33.1	28.0	42.0

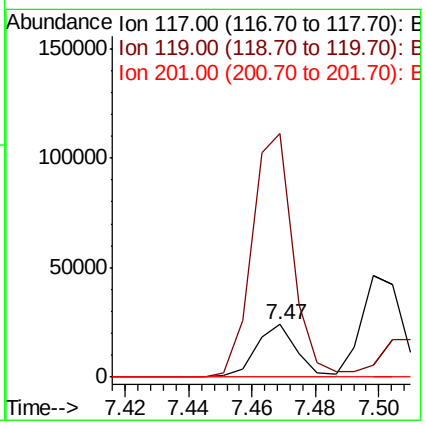


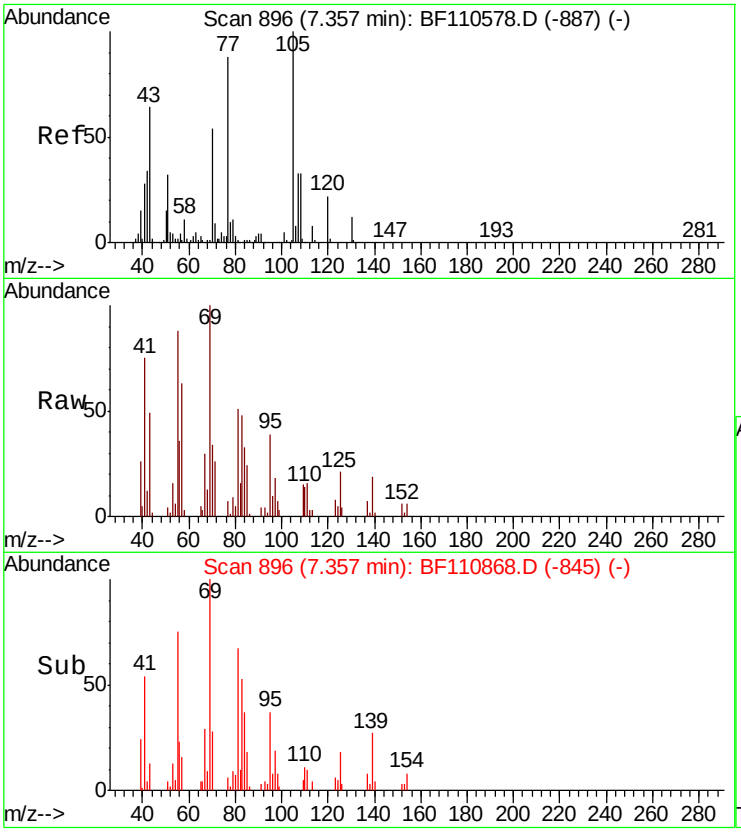


#18
Hexachloroethane
Concen: 12.490 ng
RT: 7.47 min Scan# 915
Delta R.T. 0.01 min
Lab File: BF110868.D
Acq: 19 Nov 2018 22:57

Tgt Ion:117 Resp: 21495

Ion	Ratio	Lower	Upper
117	100		
119	465.7	75.0	112.6#
201	0.0	79.2	118.8#



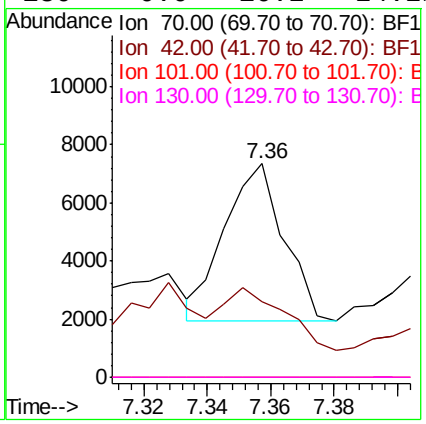


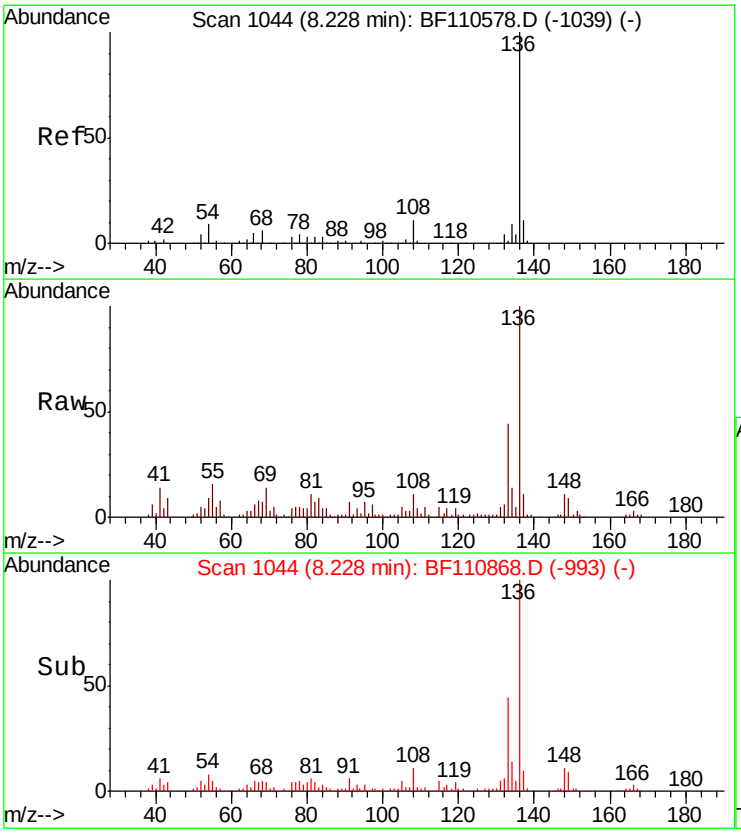
#19
n-Nitroso-di-n-propylamine
Concen: 2.385 ng
RT: 7.36 min Scan# 896
Delta R.T. 0.00 min
Lab File: BF110868.D
Acq: 19 Nov 2018 22:57

Instrument :
BNA_F
ClientSampleId :
NON-UST-1ADL2

Tgt Ion: 70 Resp: 6968

Ion	Ratio	Lower	Upper
70	100		
42	35.1	47.4	71.2#
101	0.0	7.3	10.9#
130	0.0	16.2	24.2#

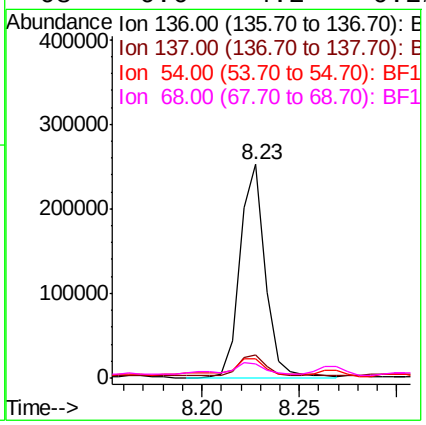


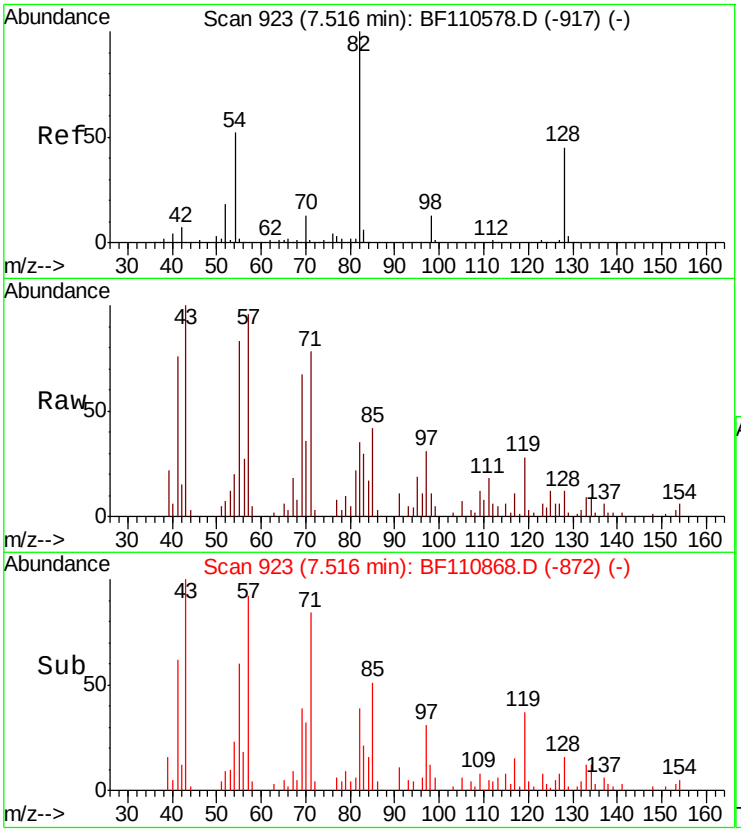


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.23 min Scan# 1044
Delta R.T. 0.00 min
Lab File: BF110868.D
Acq: 19 Nov 2018 22:57

Tgt Ion:136 Resp: 225415

Ion	Ratio	Lower	Upper
136	100		
137	11.0	8.8	13.2
54	9.1	5.4	8.2#
68	6.6	4.2	6.2#



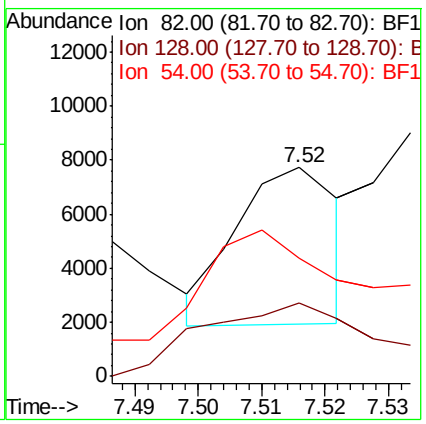


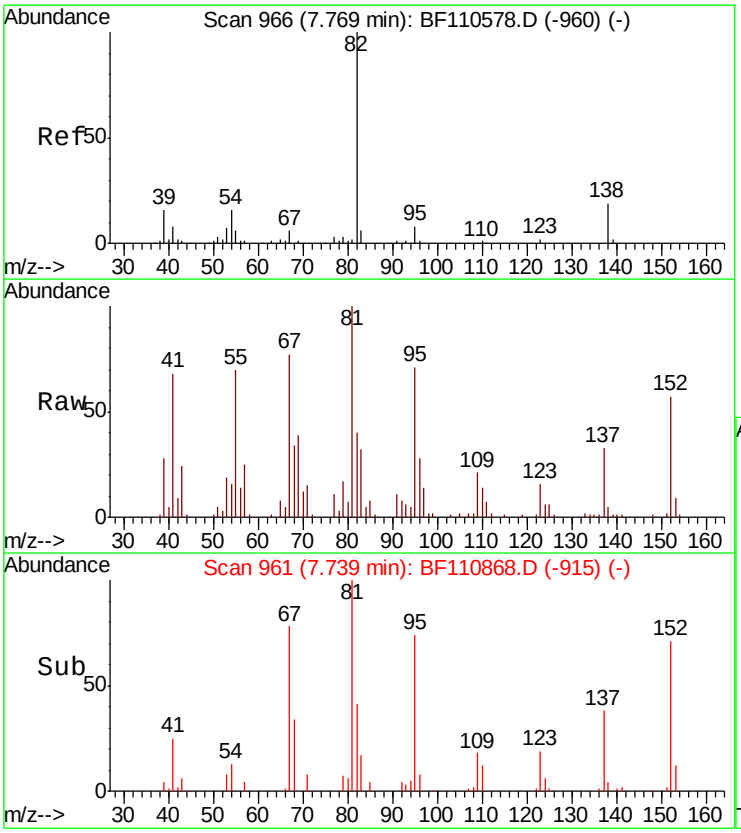
#23
Nitrobenzene-d5
Concen: 1.669 ng
RT: 7.52 min Scan# 923
Delta R.T. 0.00 min
Lab File: BF110868.D
Acq: 19 Nov 2018 22:57

Instrument :
BNA_F
ClientSampleId :
NON-UST-1ADL2

Tgt Ion: 82 Resp: 6533

Ion	Ratio	Lower	Upper
82	100		
128	35.2	34.2	51.2
54	56.3	38.6	58.0

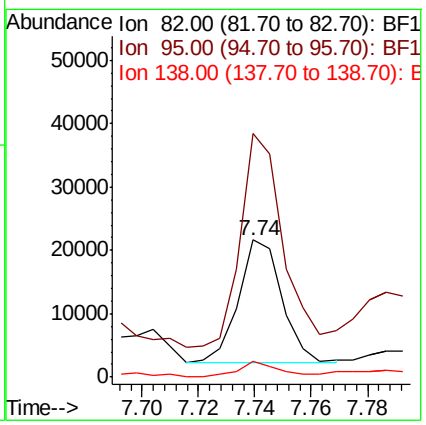


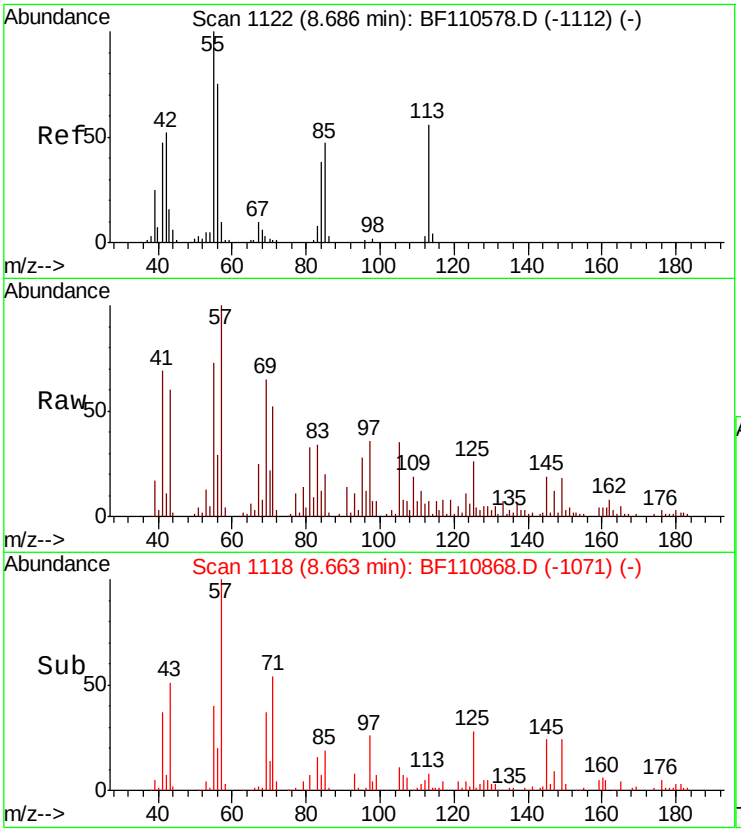


#25
Isophorone
Concen: 3.223 ng
RT: 7.74 min Scan# 961
Delta R.T. -0.03 min
Lab File: BF110868.D
Acq: 19 Nov 2018 22:57

Tgt Ion: 82 Resp: 20679

Ion	Ratio	Lower	Upper
82	100		
95	177.7	5.7	8.5#
138	11.2	13.2	19.8#



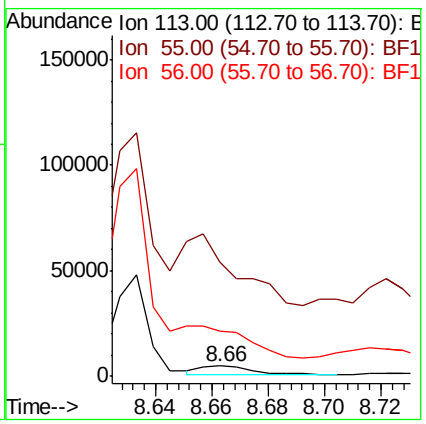


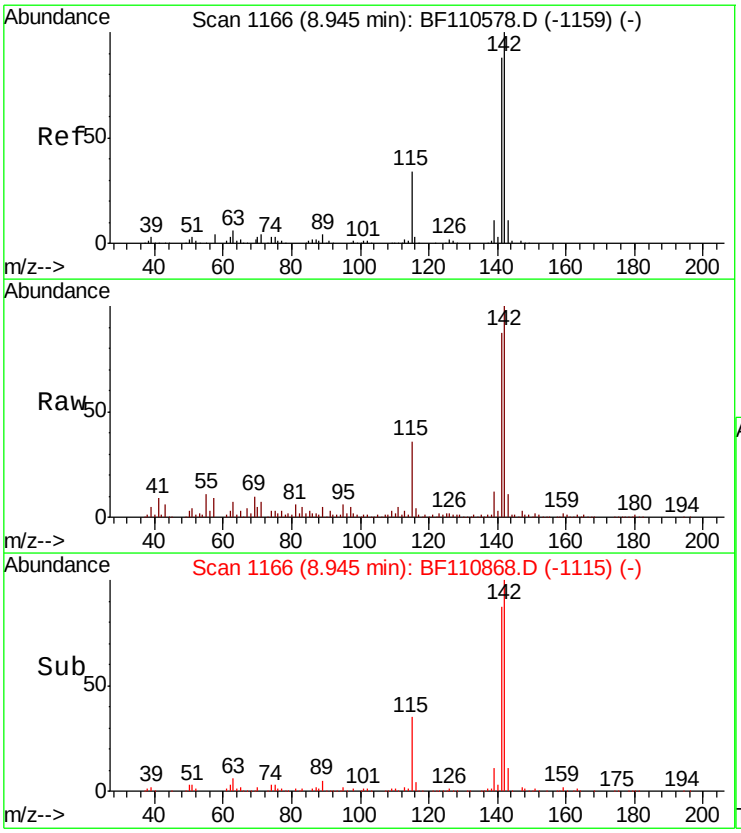
#35
Caprolactam
Concen: 4.765 ng
RT: 8.66 min Scan# 1118
Delta R.T. -0.02 min
Lab File: BF110868.D
Acq: 19 Nov 2018 22:57

Instrument :
BNA_F
ClientSampleId :
NON-UST-1ADL2

Tgt Ion:113 Resp: 4991

Ion	Ratio	Lower	Upper
113	100		
55	1085.7	142.8	182.8#
56	426.6	105.0	145.0#

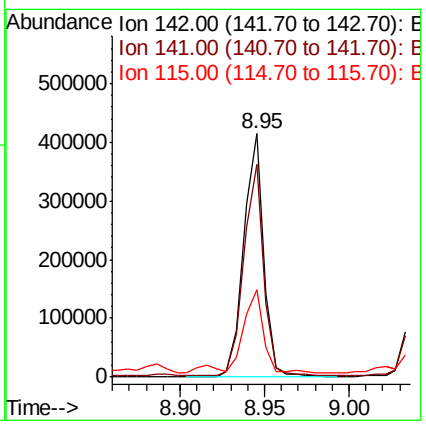


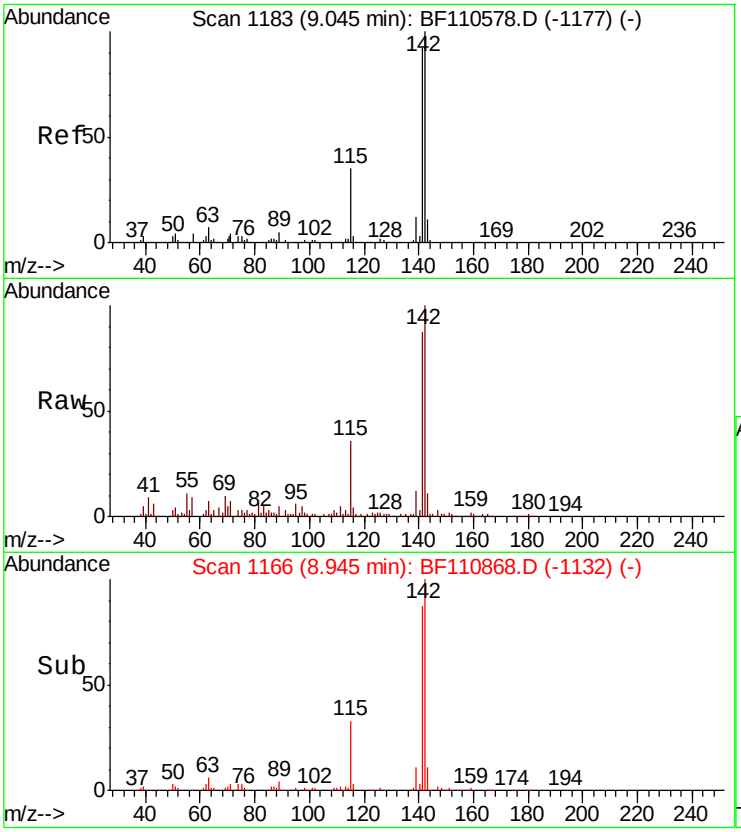


#37
2-Methylnaphthalene
Concen: 49.406 ng
RT: 8.95 min Scan# 1166
Delta R.T. 0.00 min
Lab File: BF110868.D
Acq: 19 Nov 2018 22:57

Tgt Ion:142 Resp: 342733

Ion	Ratio	Lower	Upper
142	100		
141	87.2	71.4	107.2
115	35.7	28.7	43.1



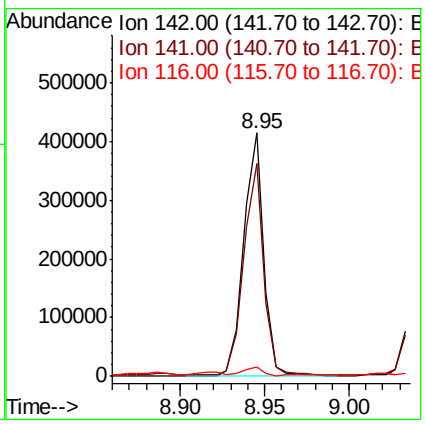


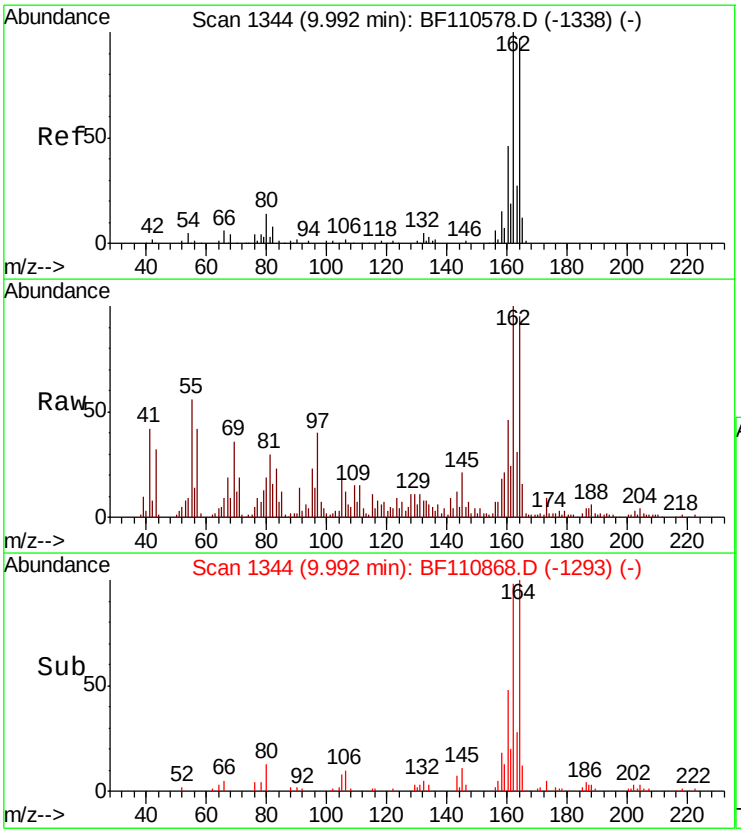
#38
1-Methylnaphthalene
Concen: 51.373 ng
RT: 8.95 min Scan# 1166
Delta R.T. -0.10 min
Lab File: BF110868.D
Acq: 19 Nov 2018 22:57

Instrument :
BNA_F
ClientSampleId :
NON-UST-1ADL2

Tgt Ion:142 Resp: 342733

Ion	Ratio	Lower	Upper
142	100		
141	87.2	74.2	111.4
116	3.8	2.6	4.0

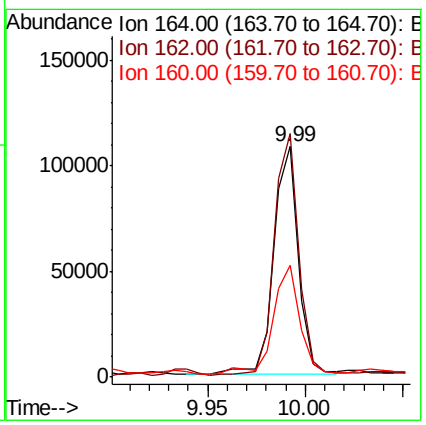


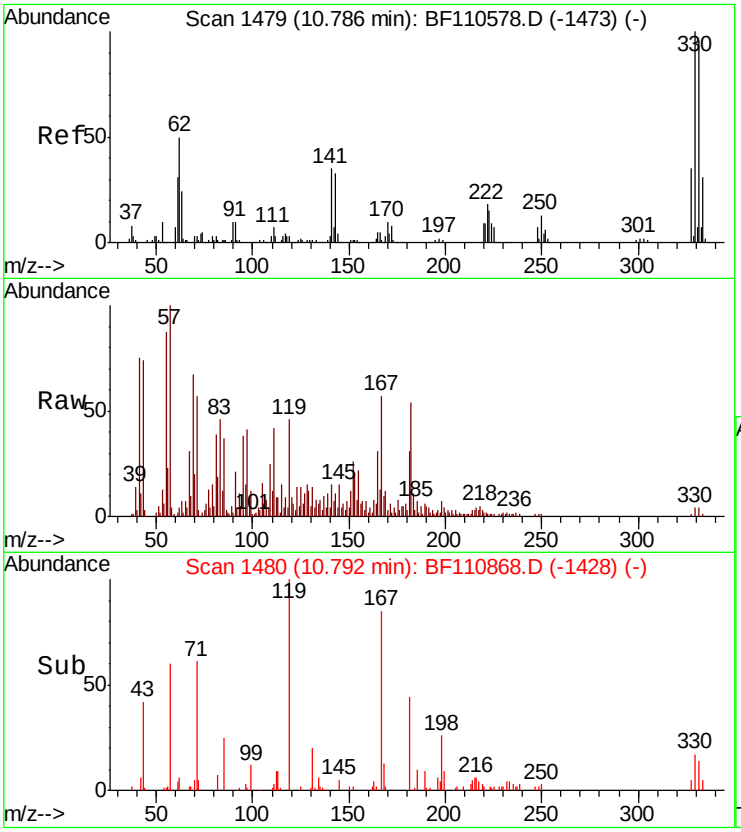


#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.99 min Scan# 1344
Delta R.T. 0.00 min
Lab File: BF110868.D
Acq: 19 Nov 2018 22:57

Tgt Ion:164 Resp: 94444

Ion	Ratio	Lower	Upper
164	100		
162	105.6	83.0	124.6
160	48.4	37.0	55.6



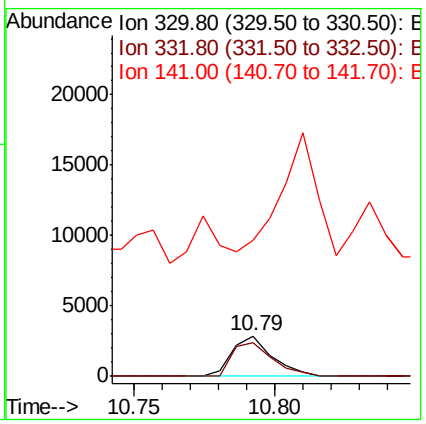


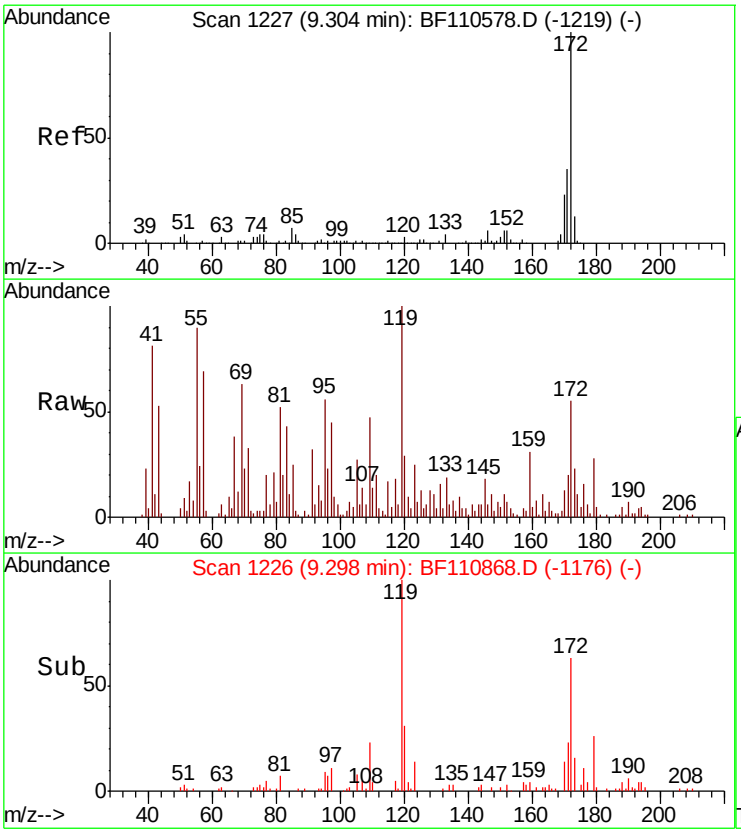
#42
2,4,6-Tribromophenol
Concen: 2.960 ng
RT: 10.79 min Scan# 1480
Delta R.T. 0.01 min
Lab File: BF110868.D
Acq: 19 Nov 2018 22:57

Instrument :
BNA_F
ClientSampleId :
NON-UST-1ADL2

Tgt Ion:330 Resp: 2817

Ion	Ratio	Lower	Upper
330	100		
332	85.9	77.1	115.7
141	269.8	27.0	40.4#

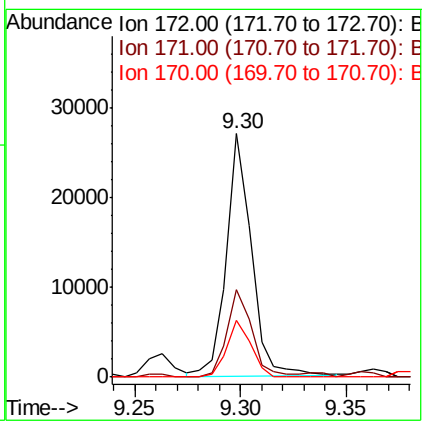


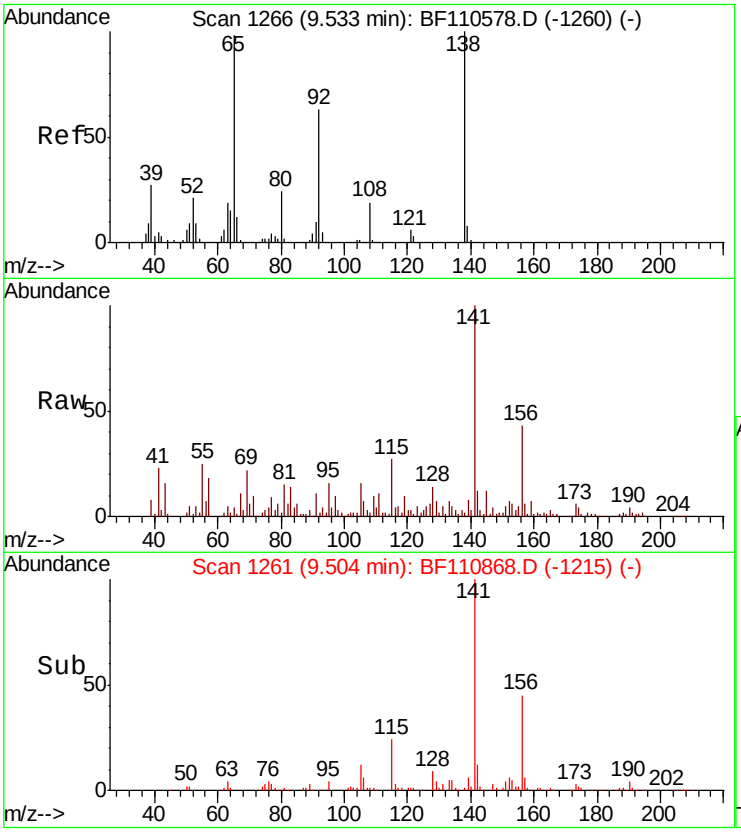


#45
2-Fluorobiphenyl
Concen: 3.338 ng
RT: 9.30 min Scan# 1226
Delta R.T. -0.01 min
Lab File: BF110868.D
Acq: 19 Nov 2018 22:57

Tgt Ion:172 Resp: 22074

Ion	Ratio	Lower	Upper
172	100		
171	35.7	28.6	43.0
170	23.4	19.7	29.5



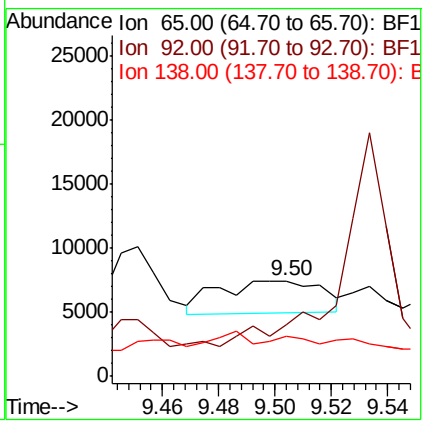


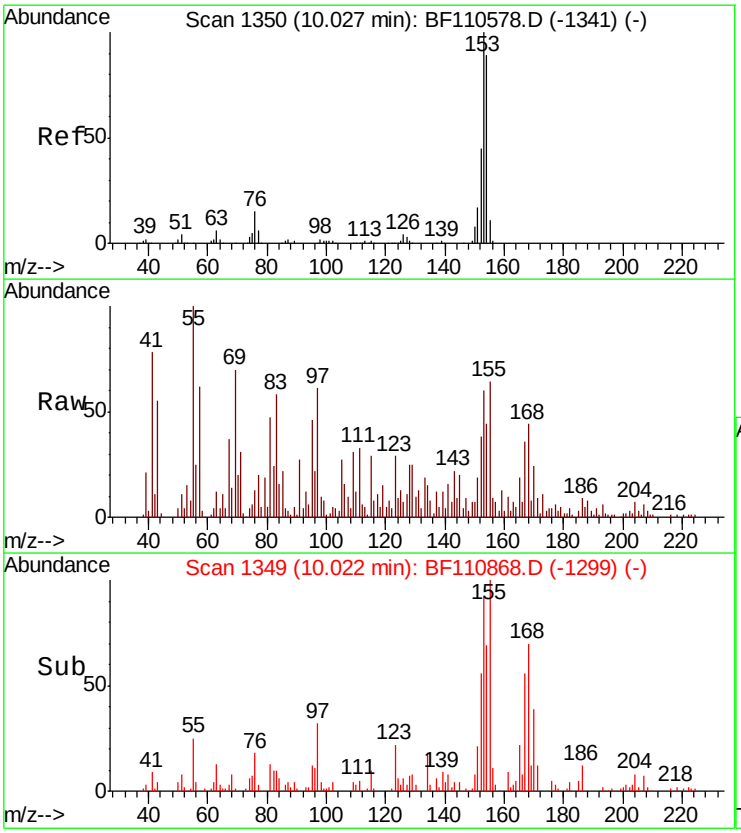
#48
2-Nitroaniline
Concen: 3.248 ng
RT: 9.50 min Scan# 1261
Delta R.T. -0.03 min
Lab File: BF110868.D
Acq: 19 Nov 2018 22:57

Instrument :
BNA_F
ClientSampleId :
NON-UST-1ADL2

Tgt Ion: 65 Resp: 6352

Ion	Ratio	Lower	Upper
65	100		
92	54.8	54.6	81.8
138	41.8	80.3	120.5#

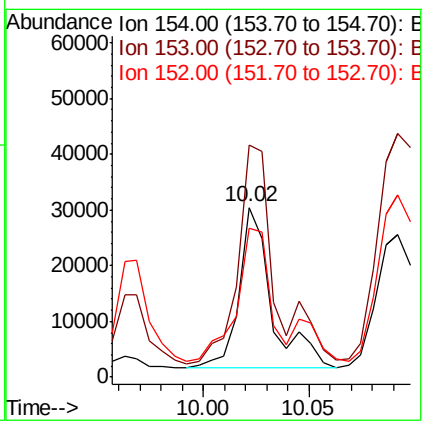


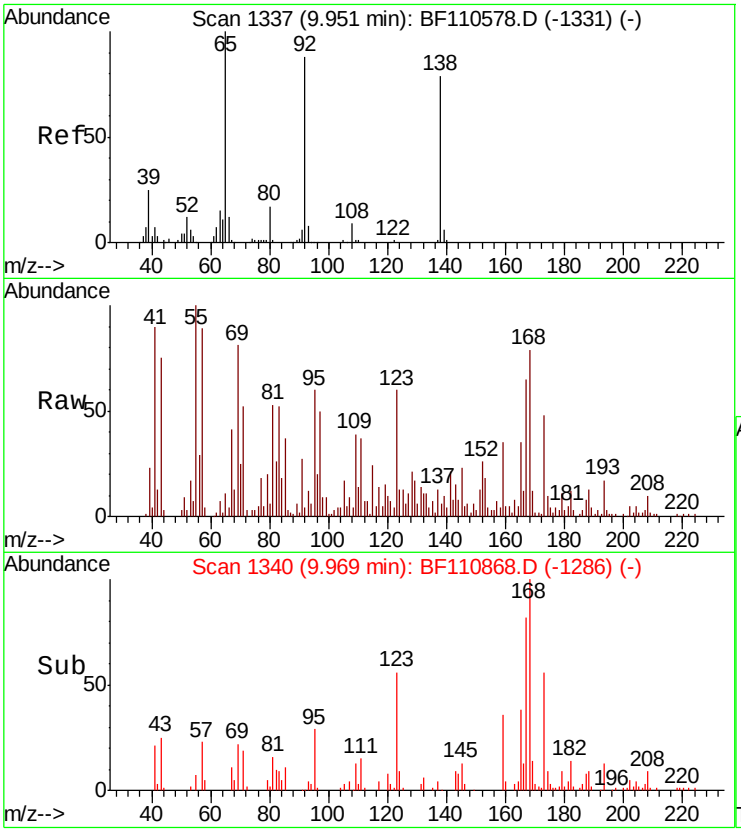


#52
Acenaphthene
Concen: 5.328 ng
RT: 10.02 min Scan# 1349
Delta R.T. -0.01 min
Lab File: BF110868.D
Acq: 19 Nov 2018 22:57

Tgt Ion:154 Resp: 30776

Ion	Ratio	Lower	Upper
154	100		
153	136.9	90.1	135.1#
152	87.7	43.4	65.2#



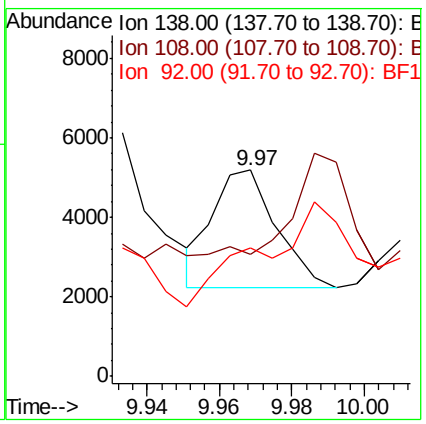


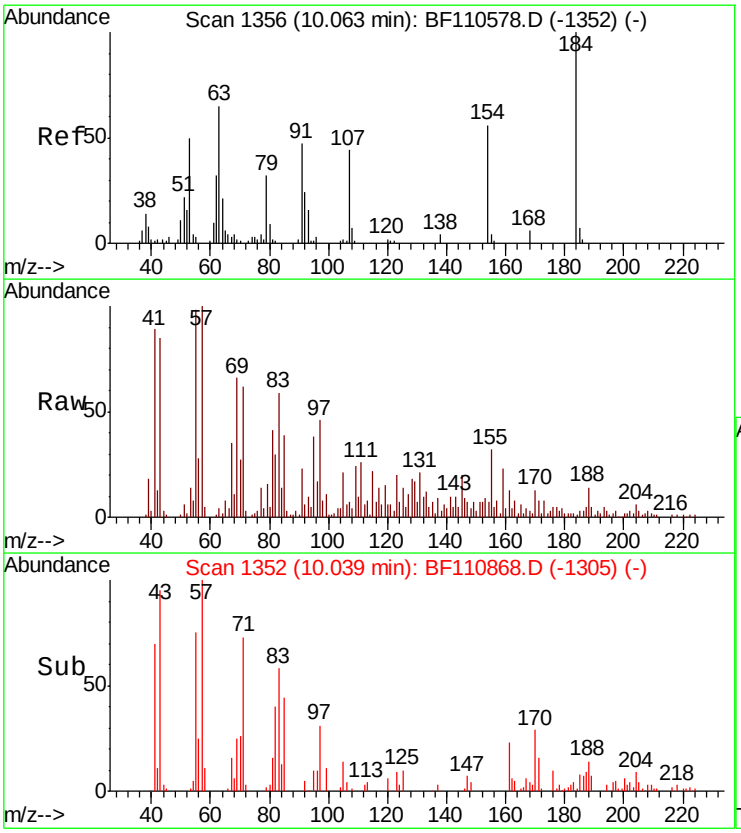
#53
3-Nitroaniline
Concen: 2.021 ng
RT: 9.97 min Scan# 1340
Delta R.T. 0.02 min
Lab File: BF110868.D
Acq: 19 Nov 2018 22:57

Instrument :
BNA_F
ClientSampleId :
NON-UST-1ADL2

Tgt Ion:138 Resp: 3629

Ion	Ratio	Lower	Upper
138	100		
108	59.2	8.7	13.1#
92	62.5	97.0	145.4#

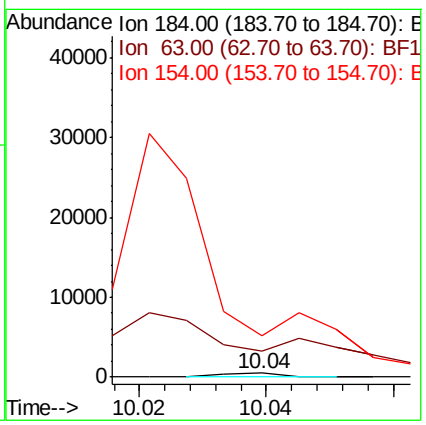


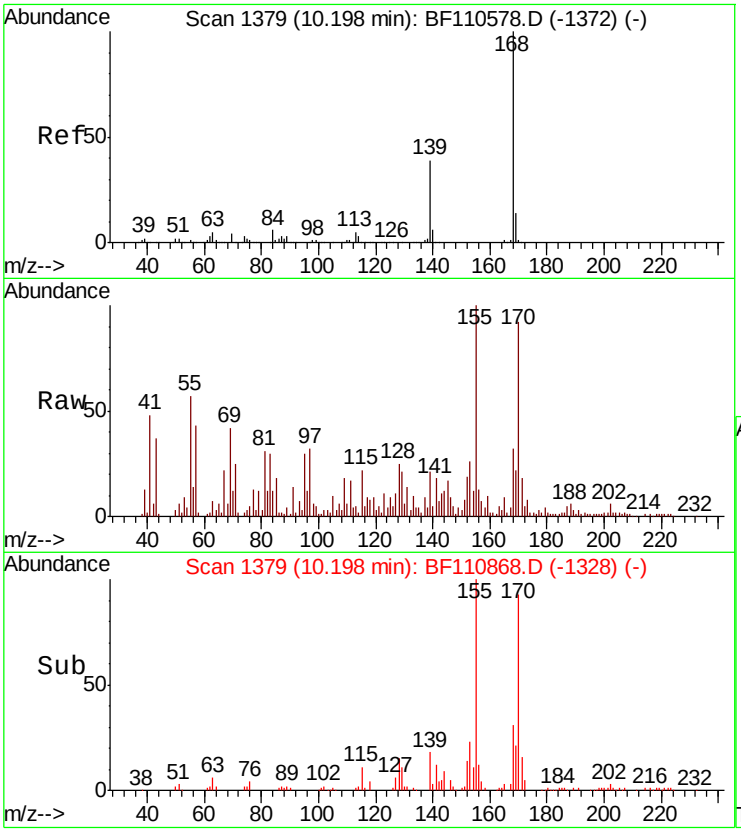


#54
2,4-Dinitrophenol
Concen: 5.130 ng
RT: 10.04 min Scan# 1352
Delta R.T. -0.02 min
Lab File: BF110868.D
Acq: 19 Nov 2018 22:57

Tgt Ion:184 Resp: 281

Ion	Ratio	Lower	Upper
184	100		
63	706.9	55.8	83.6#
154	1101.1	63.2	94.8#



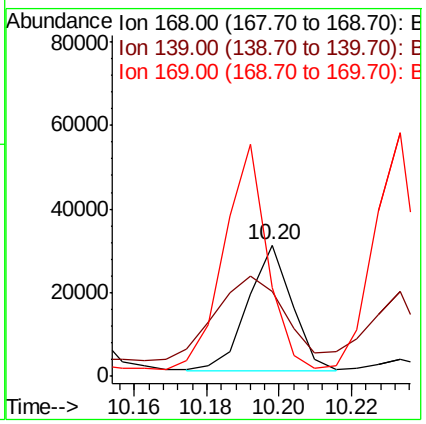


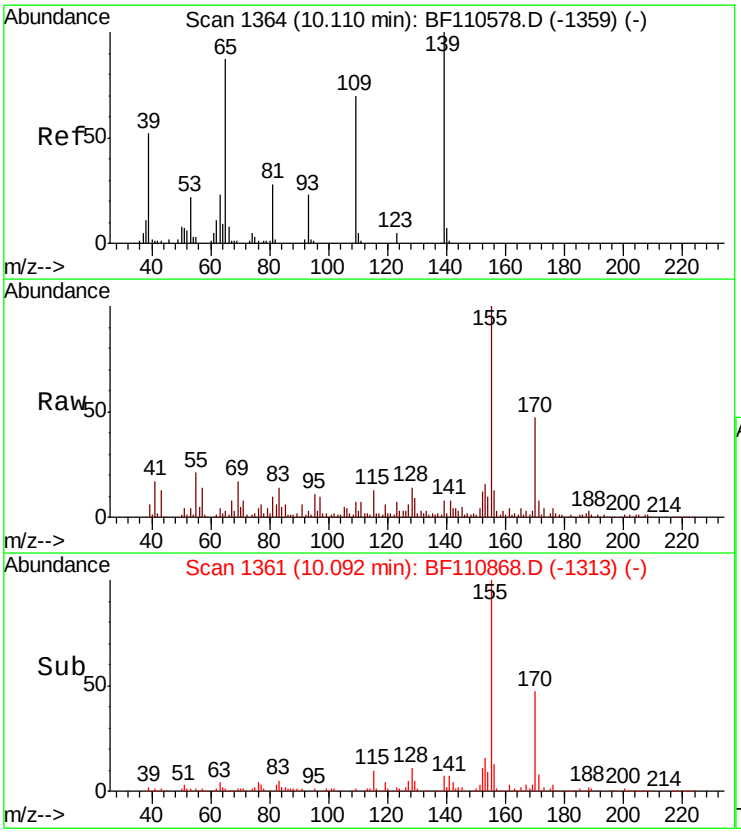
#55
Dibenzofuran
Concen: 3.040 ng
RT: 10.20 min Scan# 1379
Delta R.T. 0.00 min
Lab File: BF110868.D
Acq: 19 Nov 2018 22:57

Instrument :
BNA_F
ClientSampleId :
NON-UST-1ADL2

Tgt Ion:168 Resp: 25690

Ion	Ratio	Lower	Upper
168	100		
139	64.9	33.0	49.6#
169	67.2	11.3	16.9#

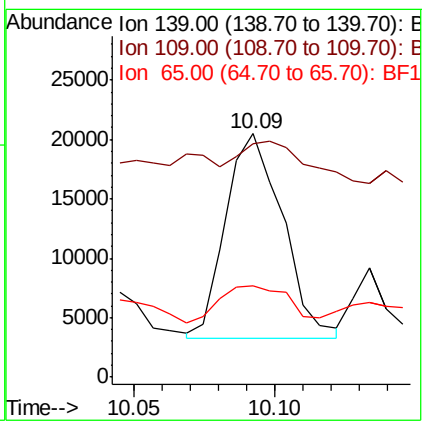


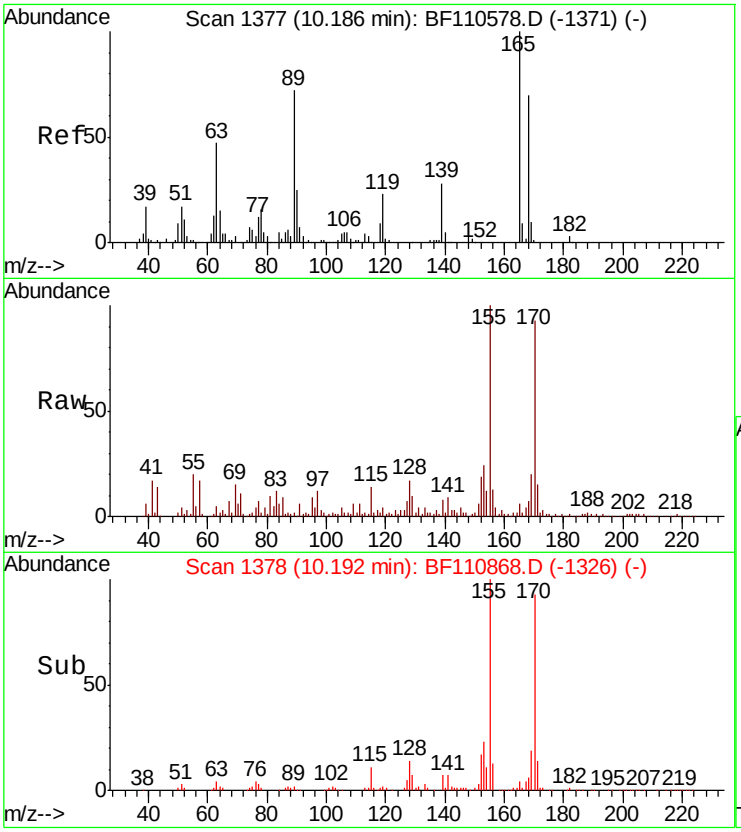


#56
4-Nitrophenol
Concen: 20.284 ng
RT: 10.09 min Scan# 1361
Delta R.T. -0.02 min
Lab File: BF110868.D
Acq: 19 Nov 2018 22:57

Tgt Ion:139 Resp: 24169

Ion	Ratio	Lower	Upper
139	100		
109	95.8	55.8	95.8#
65	37.5	77.9	117.9#



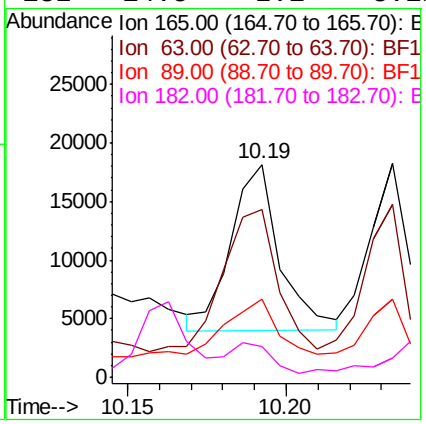


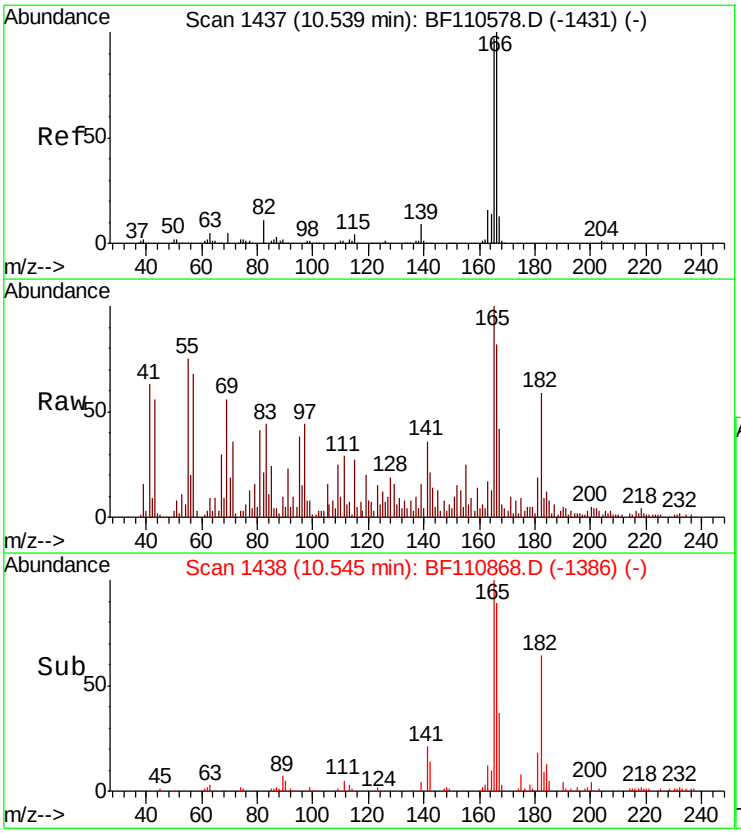
#57
2,4-Dinitrotoluene
Concen: 7.550 ng
RT: 10.19 min Scan# 1378
Delta R.T. 0.01 min
Lab File: BF110868.D
Acq: 19 Nov 2018 22:57

Instrument :
BNA_F
ClientSampleId :
NON-UST-1ADL2

Tgt Ion:165 Resp: 15218

Ion	Ratio	Lower	Upper
165	100		
63	78.8	44.8	67.2#
89	36.5	62.2	93.4#
182	14.5	2.1	3.1#

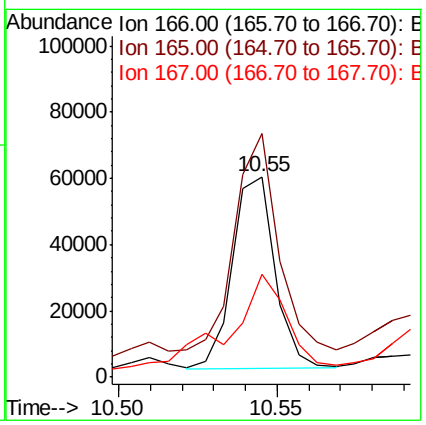


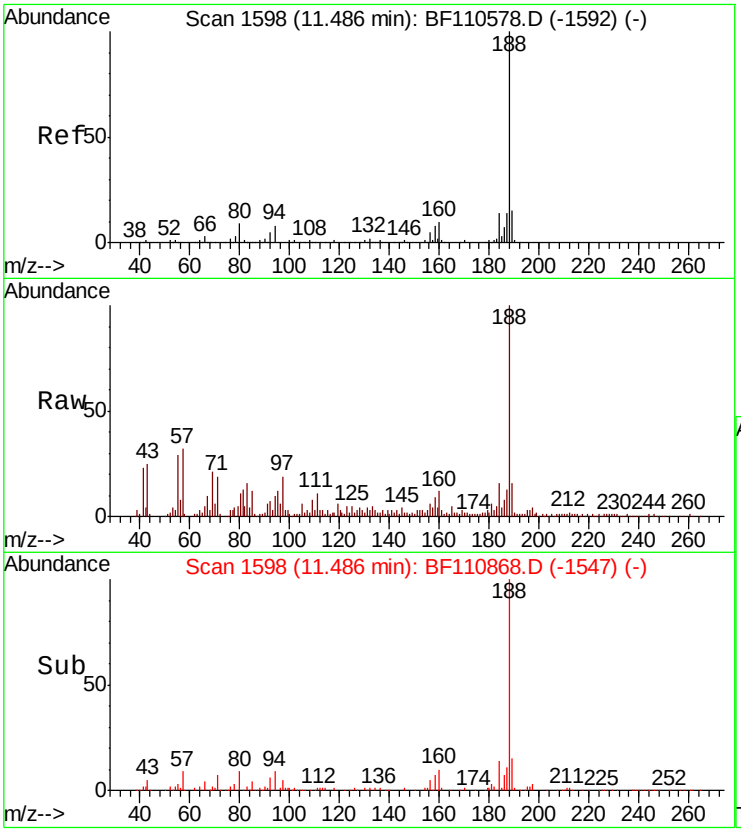


#58
Fluorene
Concen: 8.346 ng
RT: 10.55 min Scan# 1438
Delta R.T. 0.01 min
Lab File: BF110868.D
Acq: 19 Nov 2018 22:57

Tgt Ion:166 Resp: 54182

Ion	Ratio	Lower	Upper
166	100		
165	121.6	78.6	117.8#
167	51.0	10.8	16.2#



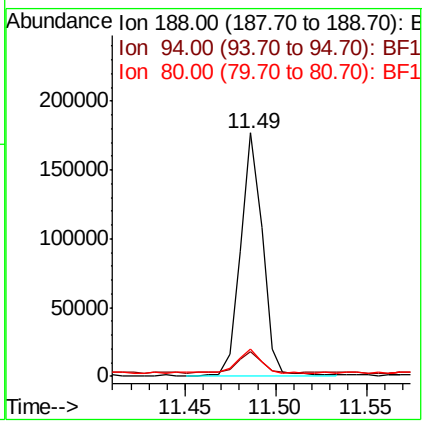


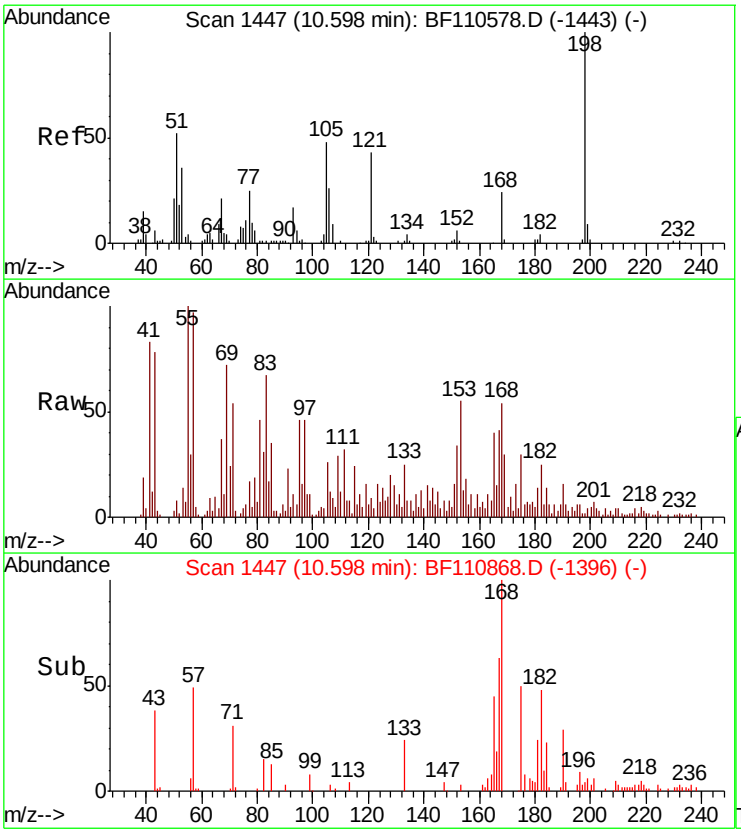
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.49 min Scan# 1598
Delta R.T. 0.00 min
Lab File: BF110868.D
Acq: 19 Nov 2018 22:57

Instrument :
BNA_F
ClientSampleId :
NON-UST-1ADL2

Tgt Ion:188 Resp: 147033

Ion	Ratio	Lower	Upper
188	100		
94	10.2	7.2	10.8
80	11.1	7.9	11.9

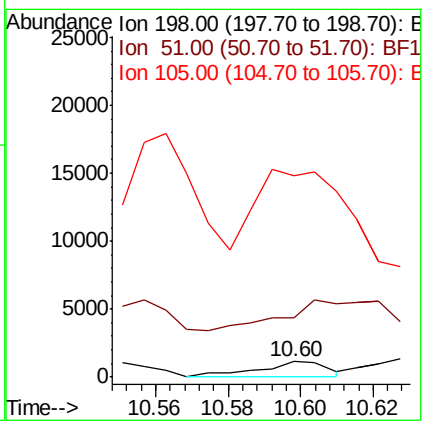


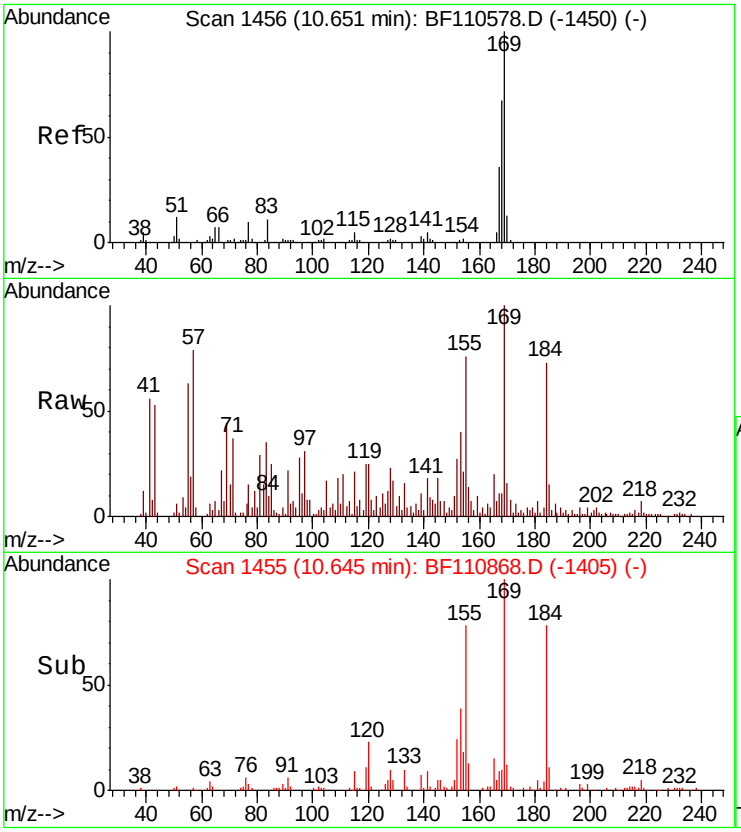


#65
4,6-Dinitro-2-methylphenol
Concen: 2.070 ng
RT: 10.60 min Scan# 1447
Delta R.T. 0.00 min
Lab File: BF110868.D
Acq: 19 Nov 2018 22:57

Tgt Ion:198 Resp: 1534

Ion	Ratio	Lower	Upper
198	100		
51	381.6	22.8	62.8#
105	1291.5	23.6	63.6#



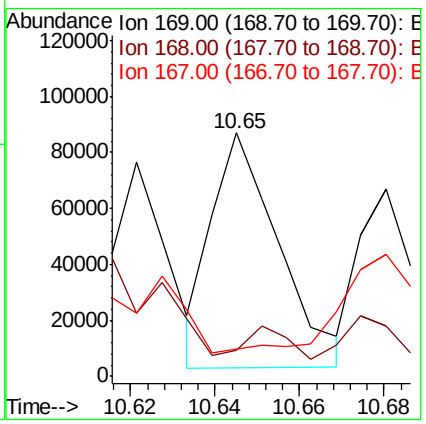


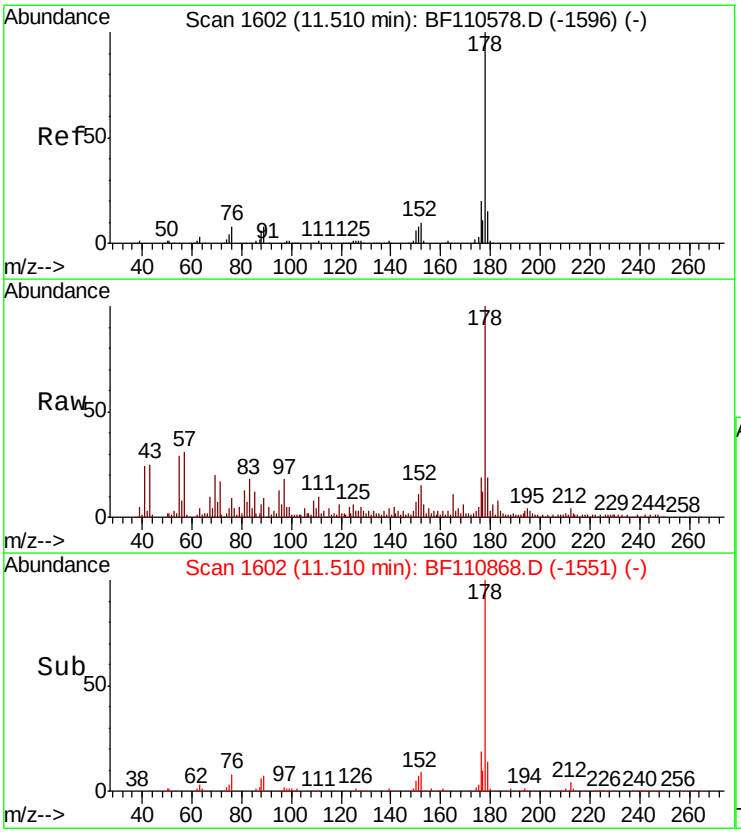
#66
n-Nitrosodiphenylamine
Concen: 18.714 ng
RT: 10.65 min Scan# 1455
Delta R.T. -0.01 min
Lab File: BF110868.D
Acq: 19 Nov 2018 22:57

Instrument :
BNA_F
ClientSampleId :
NON-UST-1ADL2

Tgt Ion:169 Resp: 92746

Ion	Ratio	Lower	Upper
169	100		
168	10.5	51.2	76.8#
167	11.2	27.8	41.6#

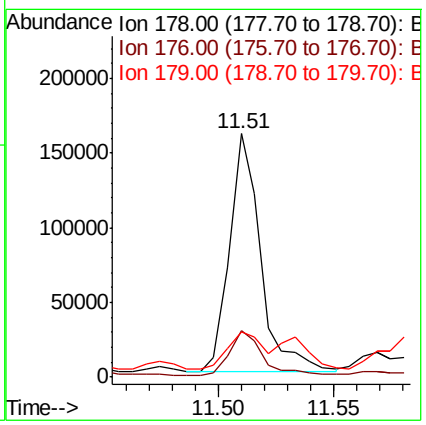


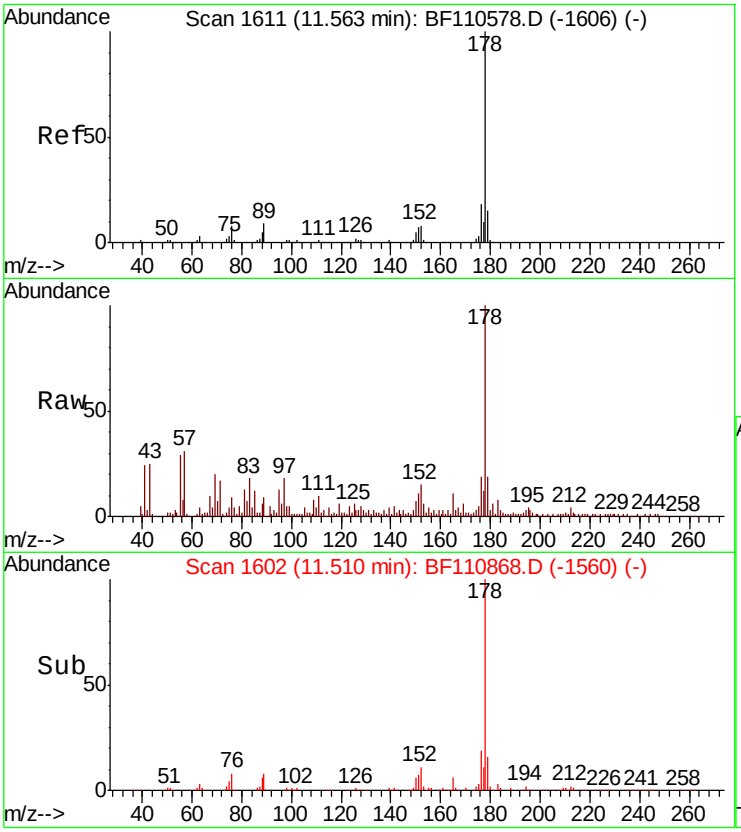


#71
Phenanthrene
Concen: 18.941 ng
RT: 11.51 min Scan# 1602
Delta R.T. 0.00 min
Lab File: BF110868.D
Acq: 19 Nov 2018 22:57

Tgt Ion:178 Resp: 149206

Ion	Ratio	Lower	Upper
178	100		
176	19.2	15.5	23.3
179	18.6	12.5	18.7



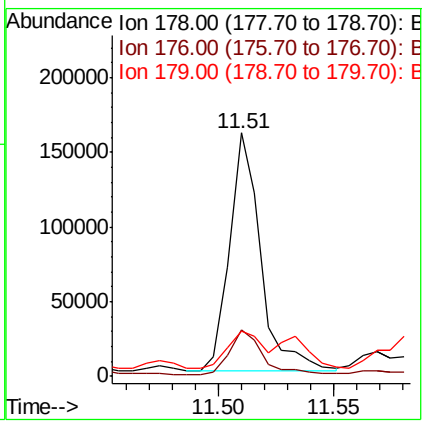


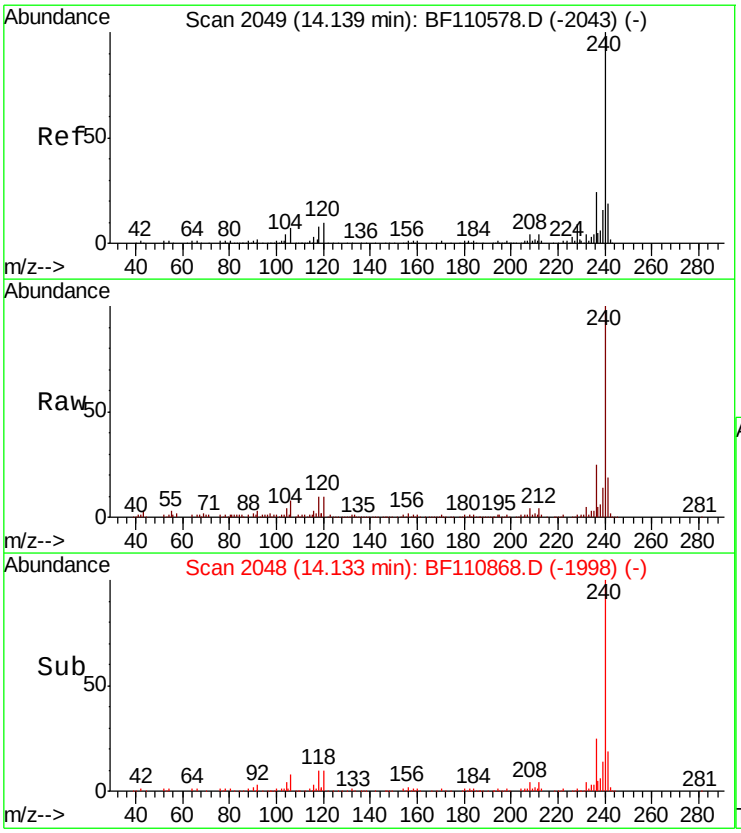
#72
Anthracene
Concen: 18.730 ng
RT: 11.51 min Scan# 1602
Delta R.T. -0.05 min
Lab File: BF110868.D
Acq: 19 Nov 2018 22:57

Instrument :
BNA_F
ClientSampleId :
NON-UST-1ADL2

Tgt Ion:178 Resp: 148832

Ion	Ratio	Lower	Upper
178	100		
176	19.2	15.4	23.2
179	18.6	12.6	18.8

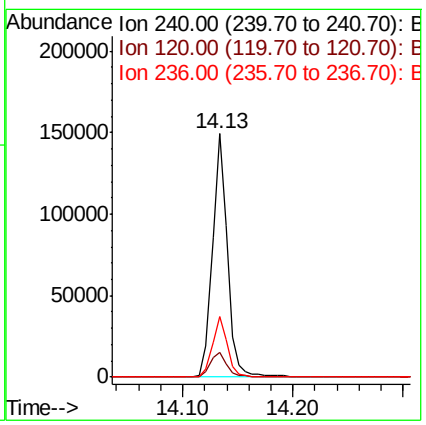


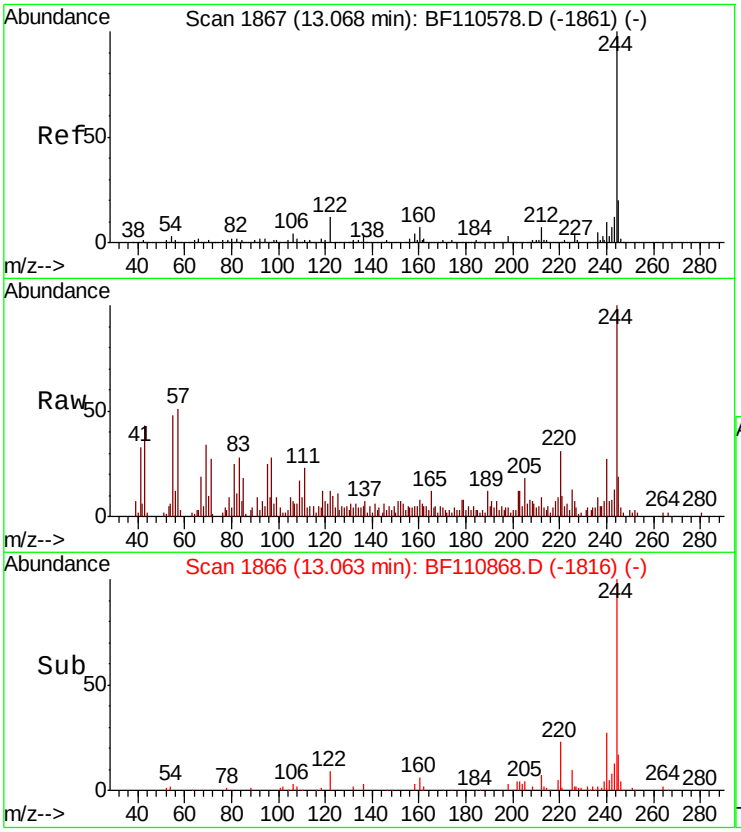


#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.13 min Scan# 2048
Delta R.T. -0.01 min
Lab File: BF110868.D
Acq: 19 Nov 2018 22:57

Tgt Ion:240 Resp: 138914

Ion	Ratio	Lower	Upper
240	100		
120	10.2	8.3	12.5
236	24.7	21.2	31.8



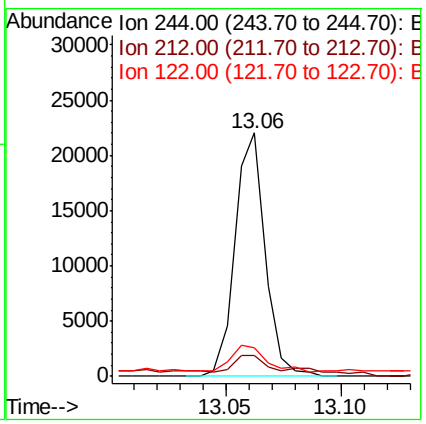


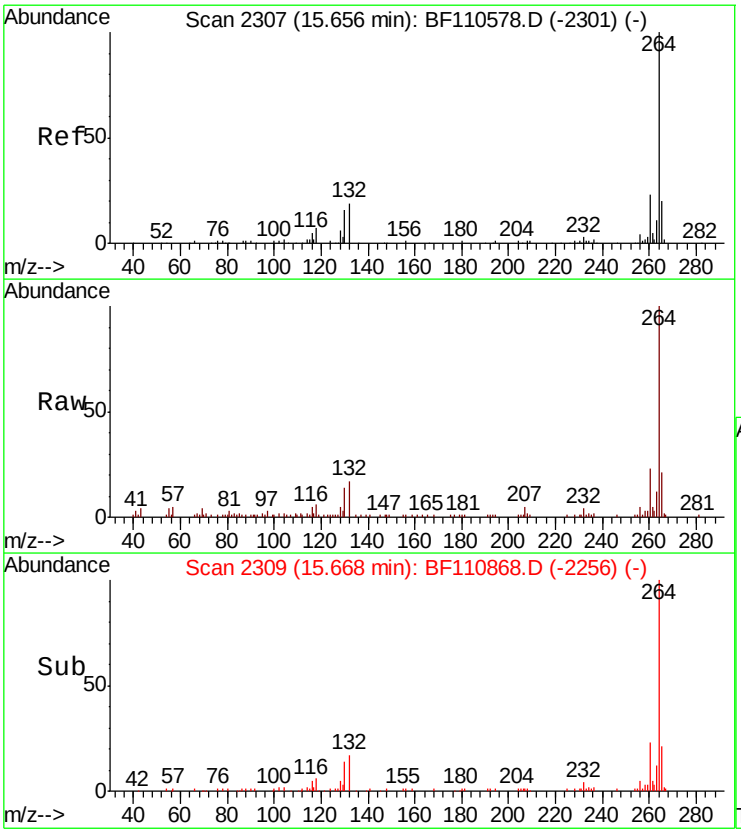
#79
Terphenyl-d14
Concen: 2.693 ng
RT: 13.06 min Scan# 1866
Delta R.T. -0.01 min
Lab File: BF110868.D
Acq: 19 Nov 2018 22:57

Instrument :
BNA_F
ClientSampleId :
NON-UST-1ADL2

Tgt Ion:244 Resp: 19977

Ion	Ratio	Lower	Upper
244	100		
212	8.8	5.8	8.8#
122	11.8	8.7	13.1





#87
Perylene-d12
Concen: 20.000 ng
RT: 15.67 min Scan# 2309
Delta R.T. 0.01 min
Lab File: BF110868.D
Acq: 19 Nov 2018 22:57

Tgt Ion:264 Resp: 88298

Ion	Ratio	Lower	Upper
264	100		
260	23.4	18.7	28.1
265	20.8	16.7	25.1