Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF082018\
Data File : BF108296.D
Acq On : 20 Aug 2018 18:03
Operator : JU/SJ
Sample : J4537-01RE
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : G.L.-WC-UST-01RE

Quant Time: Aug 20 18:51:31 2018
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF080818.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Aug 08 12:24:24 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.02	152	192570	20.00	ng	0.00
21) Naphthalene-d8	8.30	136	656750	20.00	ng	0.00
38) Acenaphthene-d10	10.07	164	262015	20.00	ng	0.00
63) Phenanthrene-d10	11.58	188	402232	20.00	ng	0.02
75) Chrysene-d12	14.22	240	367175	20.00	ng	0.00
86) Perylene-d12	15.79	264	317973	20.00	ng	0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.65	112	1026679	96.52	ng	0.02
7) Phenol-d6	6.64	99	1377106	97.43	ng	0.01
23) Nitrobenzene-d5	7.58	82	887636	75.42	ng	0.00
41) 2,4,6-Tribromophenol	10.87	330	269679	103.19	ng	0.01
44) 2-Fluorobiphenyl	9.38	172	1403431	85.99	ng	0.00
78) Terphenyl-d14	13.16	244	1071397	74.19	ng	0.01
Target Compounds						Qvalue
25) Isophorone	7.82	82	48835	2.177	ng	# 1
32) Benzoic acid	8.00	122	1648	6.224	ng	# 1
35) Caprolactam	8.74	113	6482	2.258	ng	# 1
49) Dimethylphthalate	9.77	163	105051	5.756	ng	# 86
50) 2,6-Dinitrotoluene	9.82	165	8640	2.263	ng	# 46
52) 3-Nitroaniline	10.01	138	8584	2.055	ng	# 44
53) 2,4-Dinitrophenol	10.12	184	1134	7.745	ng	# 1
55) 4-Nitrophenol	10.17	139	19515	6.168	ng	# 1
56) 2,4-Dinitrotoluene	10.27	165	23074	4.694	ng	# 60
64) 4,6-Dinitro-2-methylphenol	10.68	198	2246	6.680	ng	# 1
65) n-Nitrosodiphenylamine	10.73	169	120201	10.113	ng	# 37
70) Phenanthrene	11.60	178	69098	3.642	ng	# 70
74) Fluoranthene	12.80	202	52954	2.557	ng	83
77) Pyrene	13.02	202	133296	5.734	ng	# 92
82) Chrysene	14.25	228	47342	2.451	ng	# 85

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

Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF082018\
Data File : BF108296.D
Acq On : 20 Aug 2018 18:03
Operator : JU/SJ
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Misc :
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Instrument :
BNA_F
ClientSampleId :
G.L.-WC-UST-01RE

Quant Time: Aug 20 18:51:31 2018
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF080818.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Aug 08 12:24:24 2018
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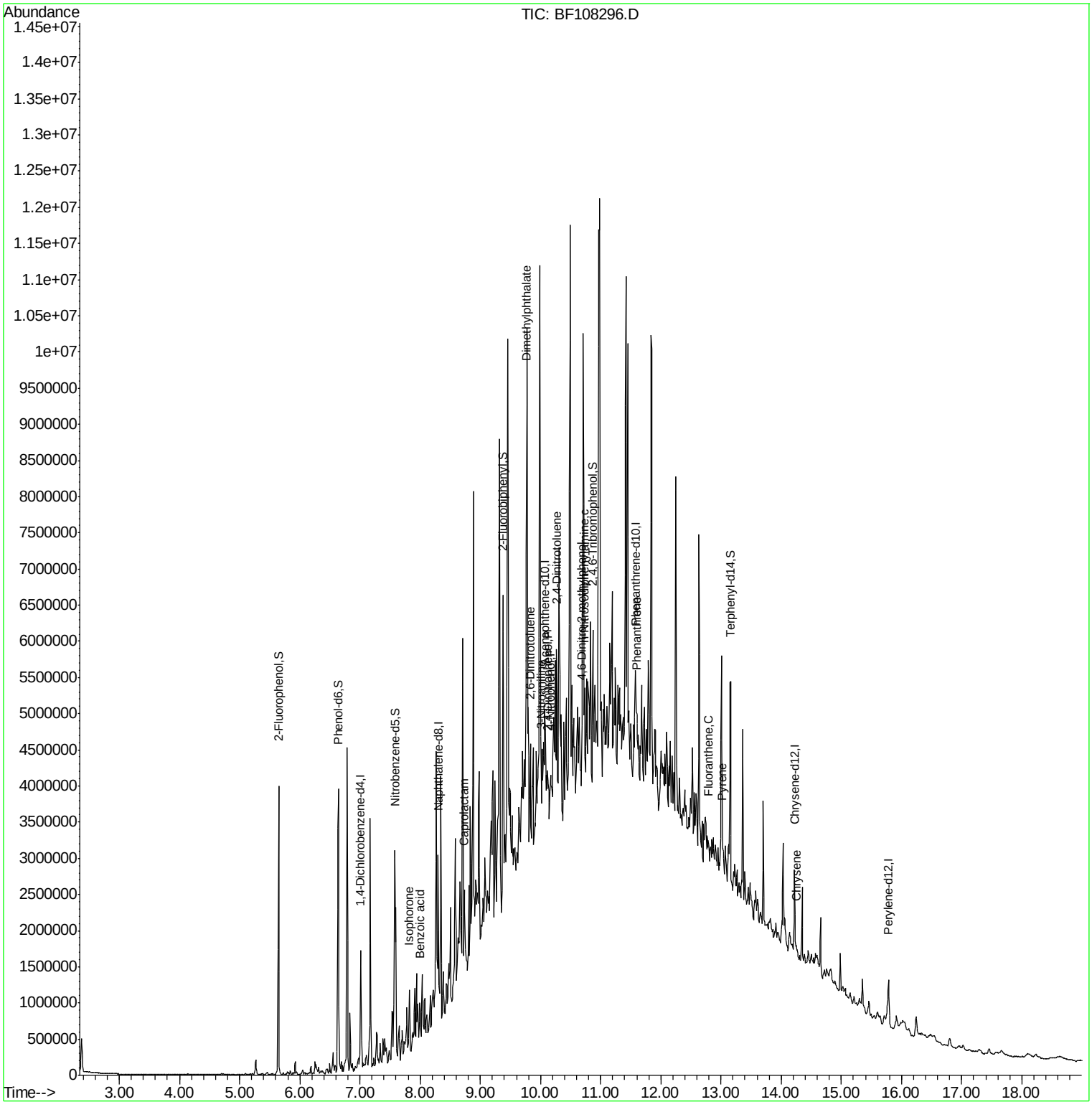
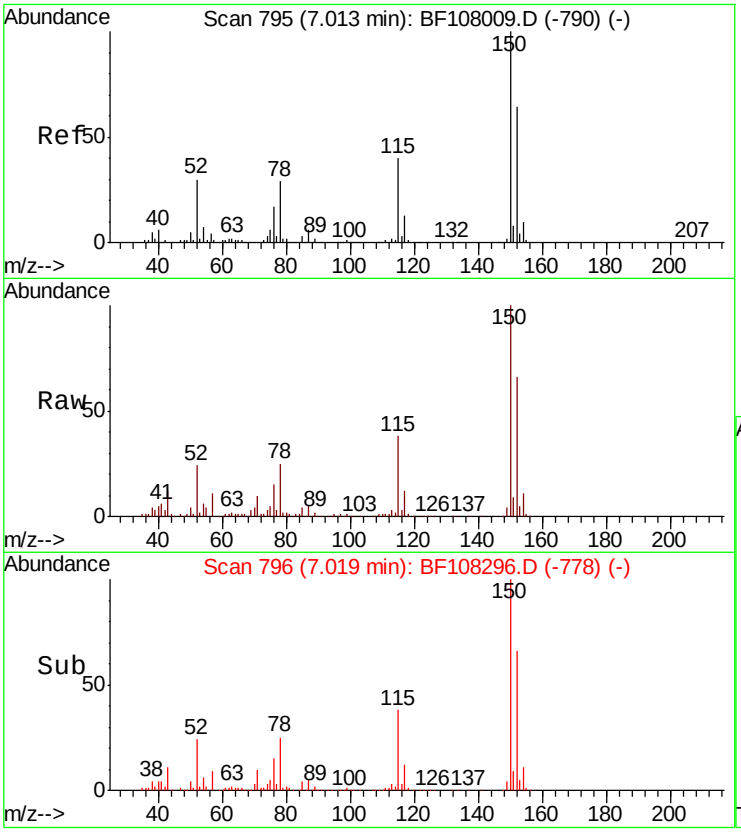


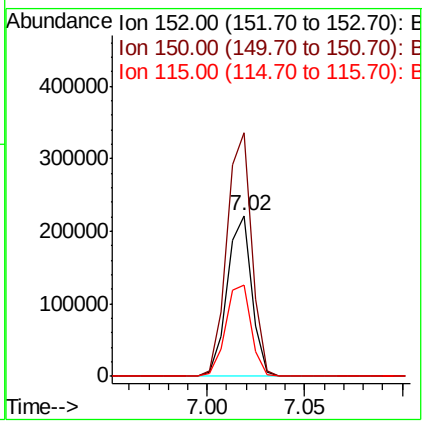


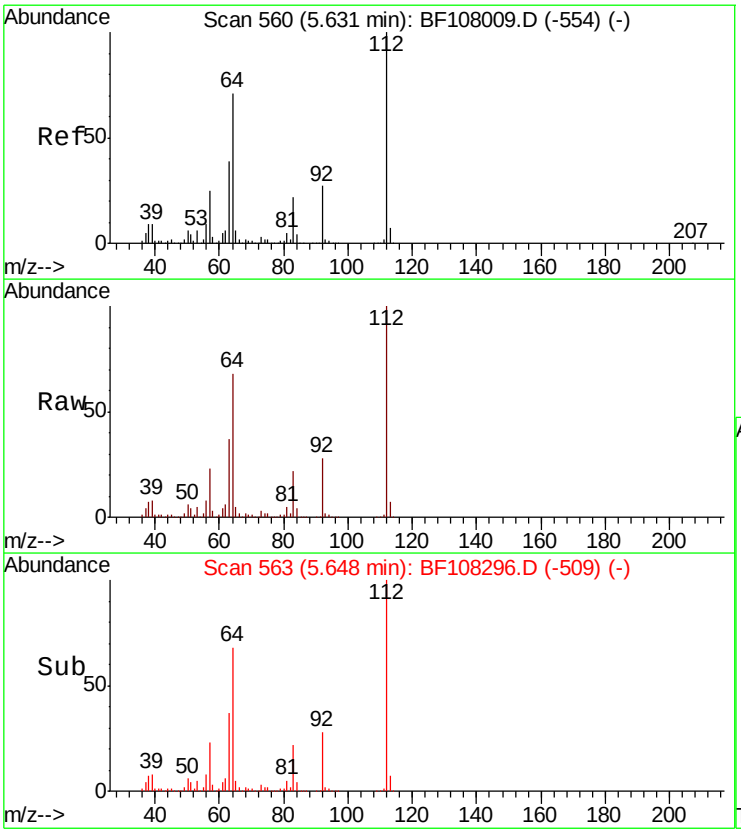
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.02 min Scan# 796
Delta R.T. 0.01 min
Lab File: BF108296.D
Acq: 20 Aug 2018 18:03

Instrument :
BNA_F
ClientSampleId :
G.L.-WC-UST-01RE

Tgt Ion:152 Resp: 192570

Ion	Ratio	Lower	Upper
152	100		
150	151.6	124.6	186.8
115	57.0	50.1	75.1

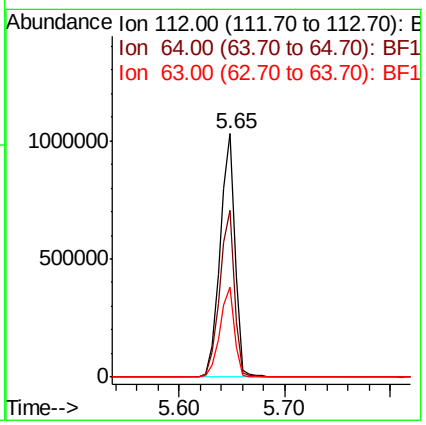


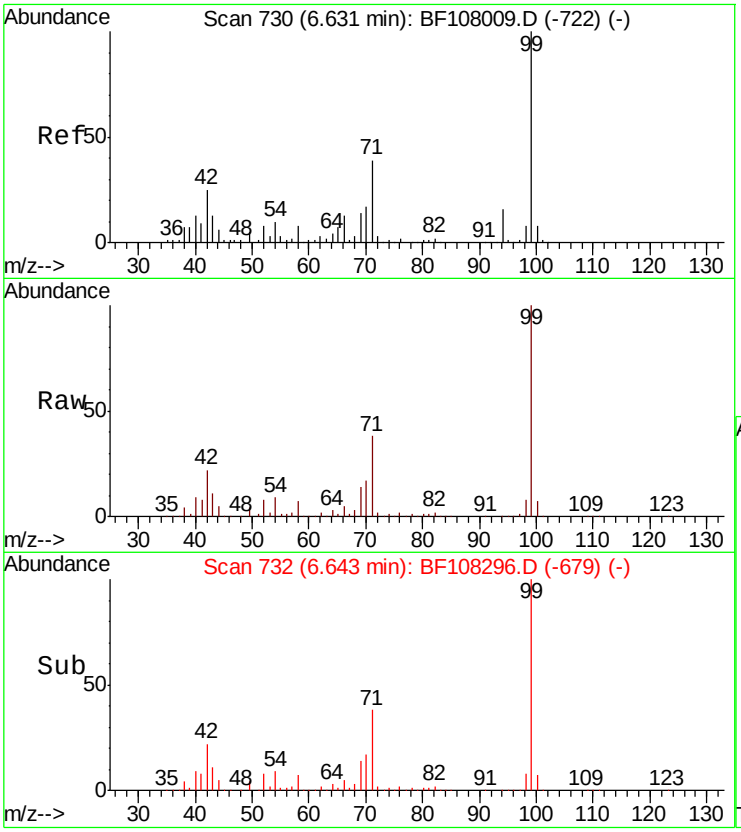


#5
2-Fluorophenol
Concen: 96.524 ng
RT: 5.65 min Scan# 563
Delta R.T. 0.02 min
Lab File: BF108296.D
Acq: 20 Aug 2018 18:03

Tgt Ion:112 Resp: 1026679

Ion	Ratio	Lower	Upper
112	100		
64	68.4	47.9	71.9
63	36.7	23.7	35.5#



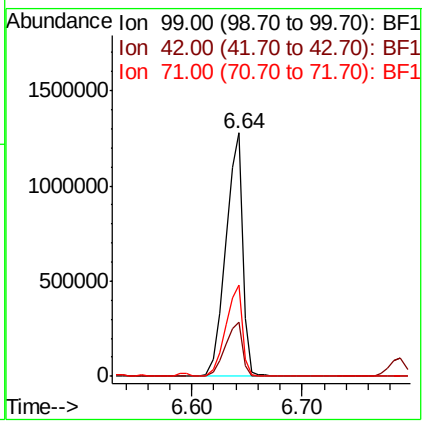


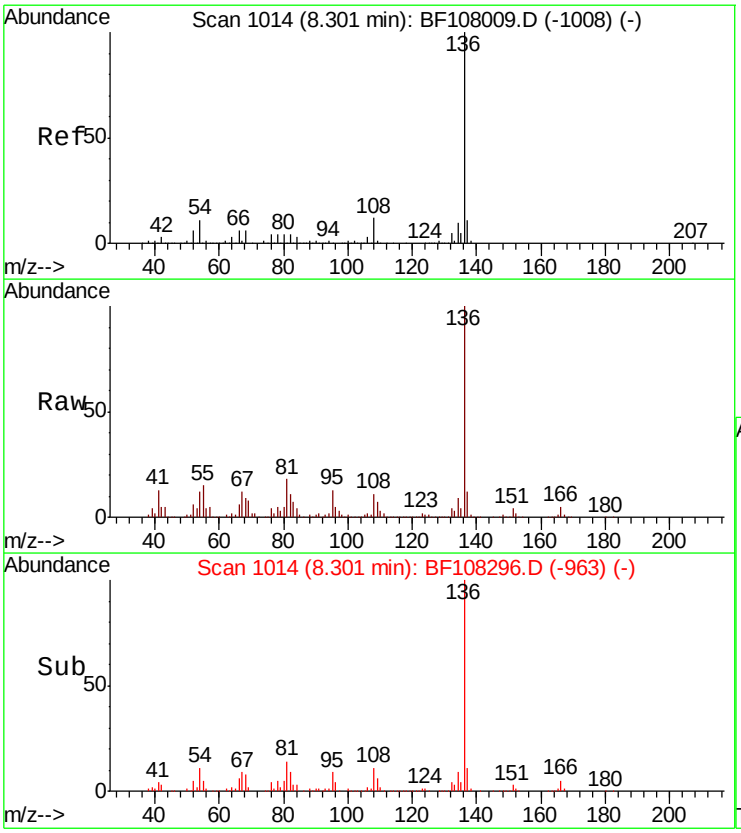
#7
Phenol-d6
Concen: 97.428 ng
RT: 6.64 min Scan# 732
Delta R.T. 0.01 min
Lab File: BF108296.D
Acq: 20 Aug 2018 18:03

Instrument :
BNA_F
ClientSampleId :
G.L.-WC-UST-01RE

Tgt Ion: 99 Resp: 1377106

Ion	Ratio	Lower	Upper
99	100		
42	22.4	14.5	21.7#
71	37.7	25.4	38.0

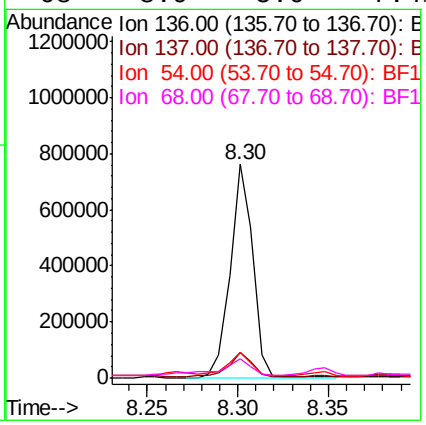


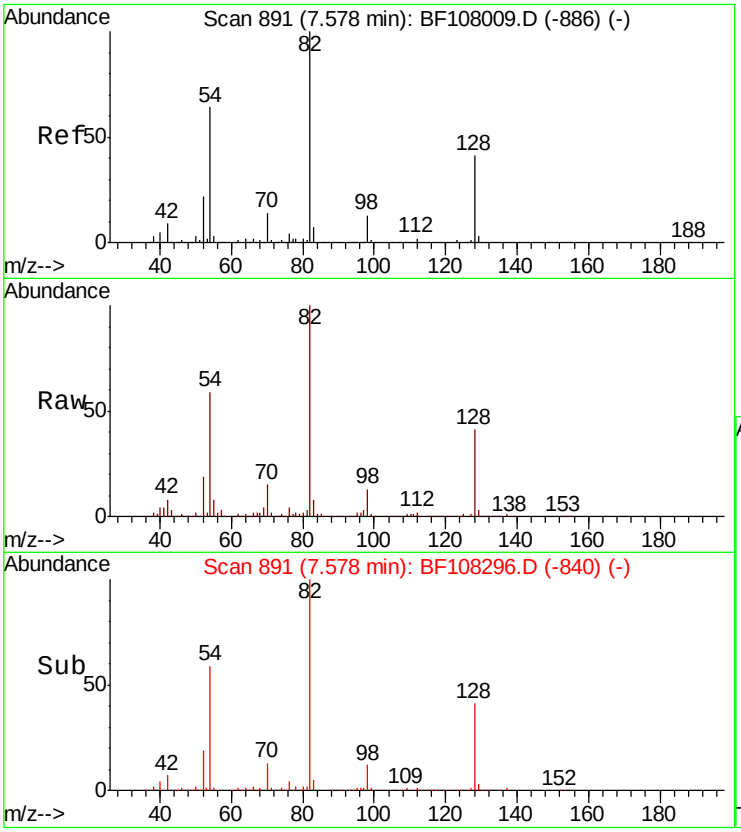


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.30 min Scan# 1014
Delta R.T. 0.00 min
Lab File: BF108296.D
Acq: 20 Aug 2018 18:03

Tgt Ion:136 Resp: 656750

Ion	Ratio	Lower	Upper
136	100		
137	11.9	8.9	13.3
54	12.1	6.6	9.8#
68	8.9	5.0	7.4#



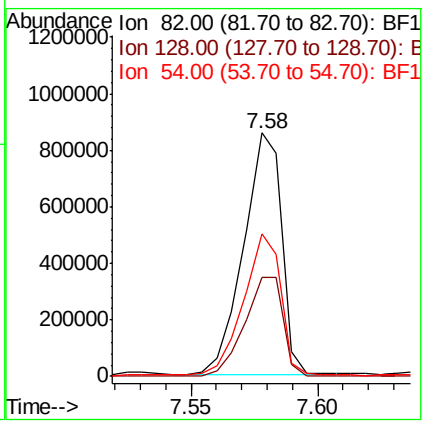


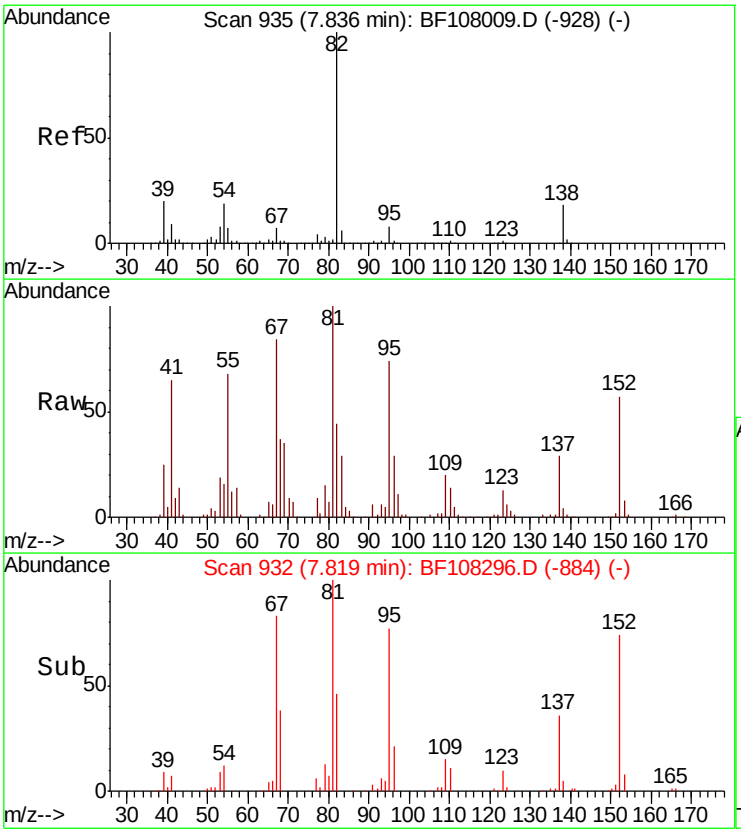
#23
Nitrobenzene-d5
Concen: 75.419 ng
RT: 7.58 min Scan# 891
Delta R.T. 0.00 min
Lab File: BF108296.D
Acq: 20 Aug 2018 18:03

Instrument :
BNA_F
ClientSampleId :
G.L.-WC-UST-01RE

Tgt Ion: 82 Resp: 887636

Ion	Ratio	Lower	Upper
82	100		
128	40.8	36.1	54.1
54	58.6	41.4	62.2

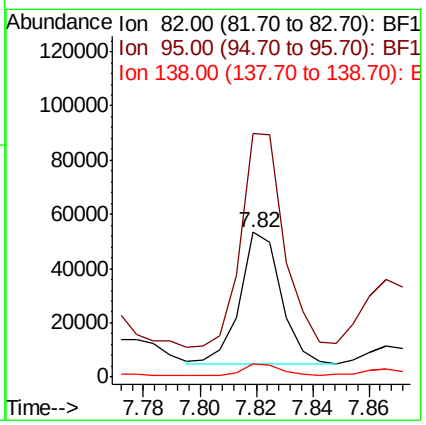


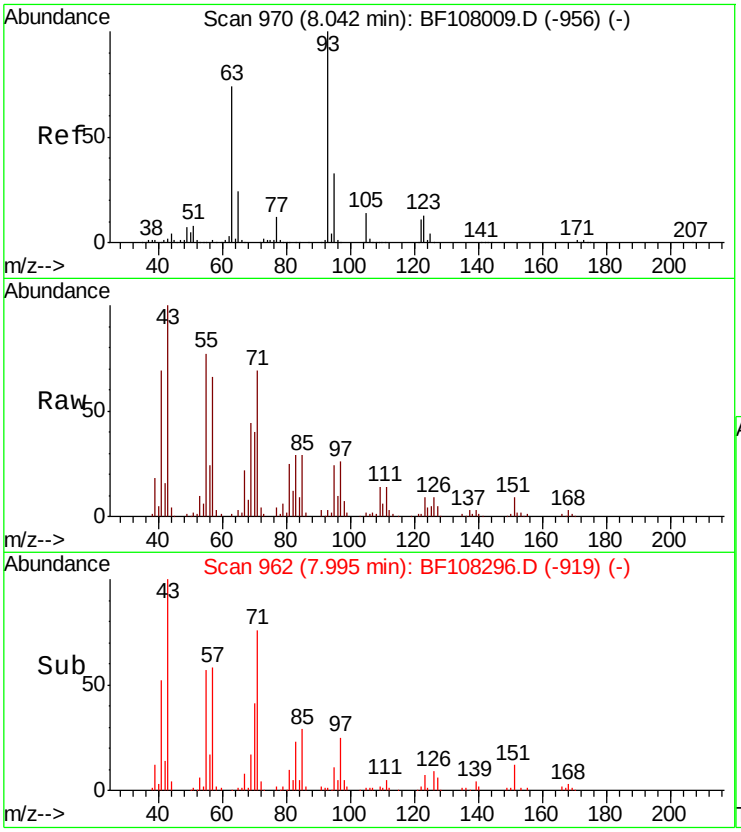


#25
Isophorone
Concen: 2.177 ng
RT: 7.82 min Scan# 932
Delta R.T. -0.02 min
Lab File: BF108296.D
Acq: 20 Aug 2018 18:03

Tgt Ion: 82 Resp: 48835

Ion	Ratio	Lower	Upper
82	100		
95	168.2	5.2	7.8#
138	9.4	14.9	22.3#



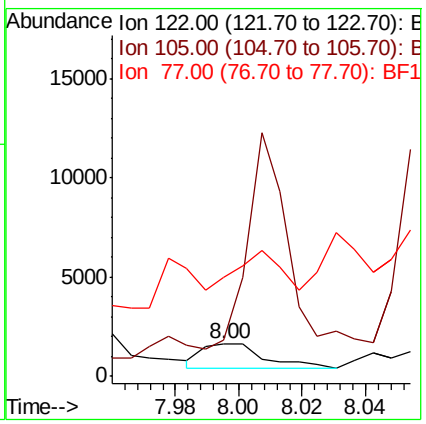


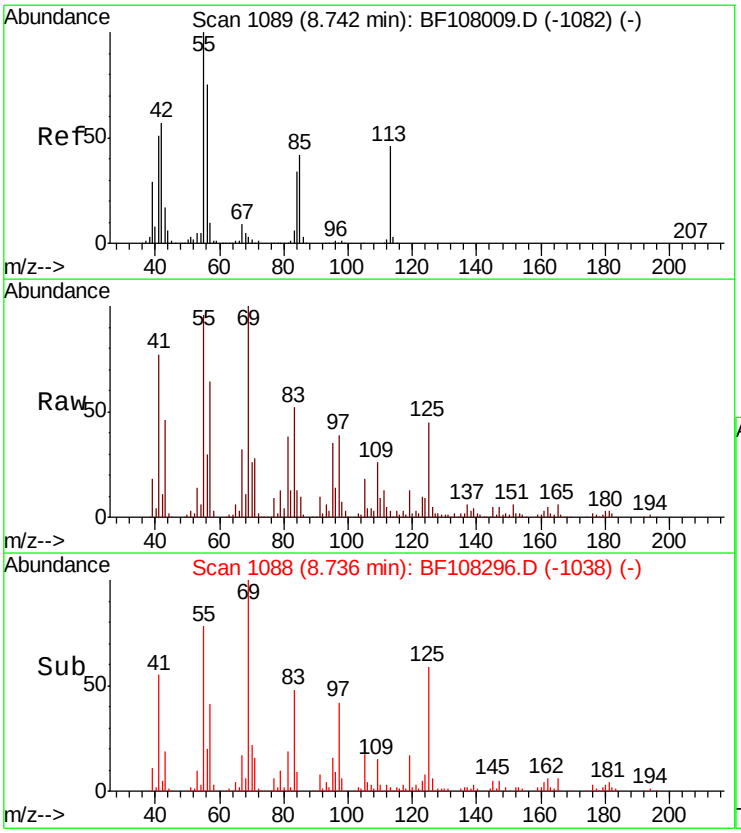
#32
Benzoic acid
Concen: 6.224 ng
RT: 8.00 min Scan# 962
Delta R.T. -0.05 min
Lab File: BF108296.D
Acq: 20 Aug 2018 18:03

Instrument :
BNA_F
ClientSampleId :
G.L.-WC-UST-01RE

Tgt Ion:122 Resp: 1648

Ion	Ratio	Lower	Upper
122	100		
105	108.6	101.1	141.1
77	300.2	70.7	110.7#

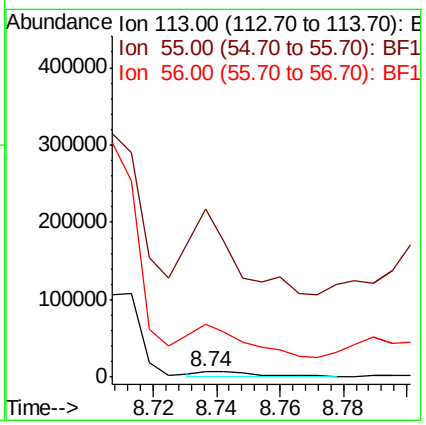


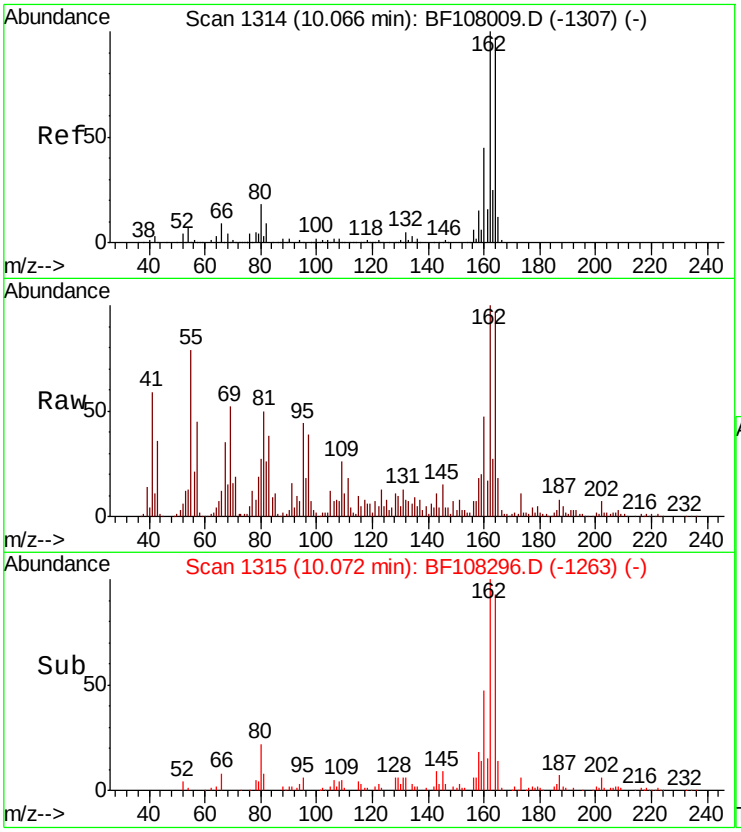


#35
Caprolactam
Concen: 2.258 ng
RT: 8.74 min Scan# 1088
Delta R.T. -0.01 min
Lab File: BF108296.D
Acq: 20 Aug 2018 18:03

Tgt Ion:113 Resp: 6482

Ion	Ratio	Lower	Upper
113	100		
55	3070.1	163.3	203.3#
56	963.3	115.7	155.7#



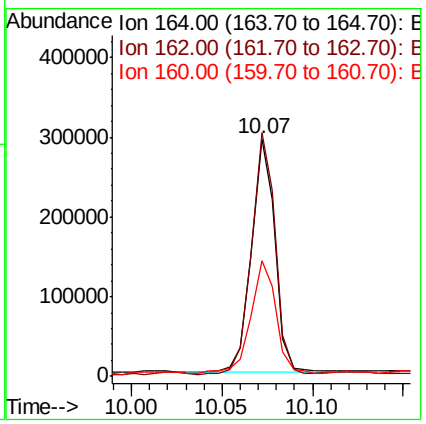


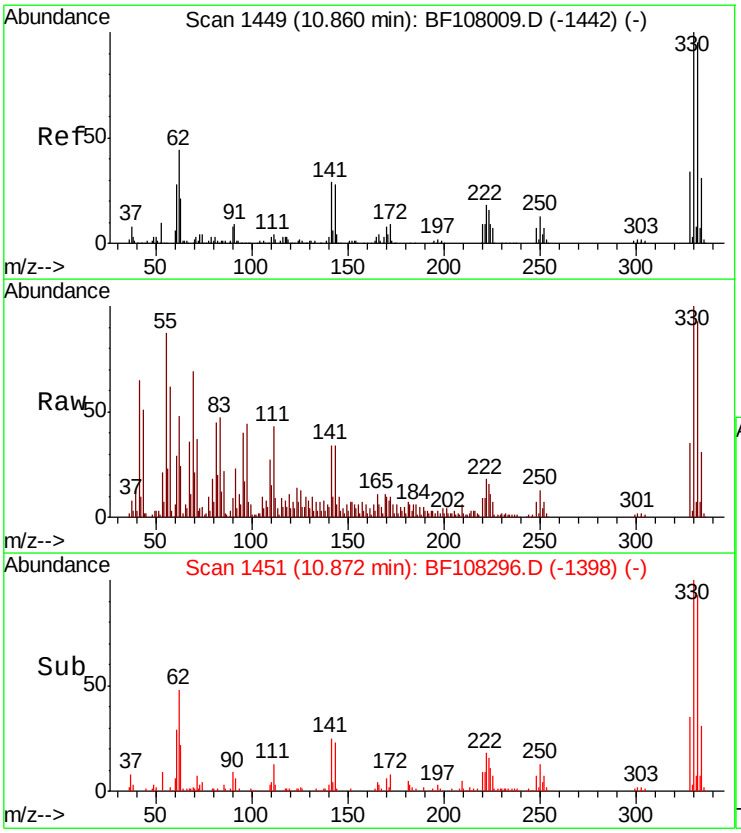
#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 10.07 min Scan# 1315
Delta R.T. 0.01 min
Lab File: BF108296.D
Acq: 20 Aug 2018 18:03

Instrument :
BNA_F
ClientSampleId :
G.L.-WC-UST-01RE

Tgt Ion:164 Resp: 262015

Ion	Ratio	Lower	Upper
164	100		
162	102.6	86.1	129.1
160	48.7	38.3	57.5

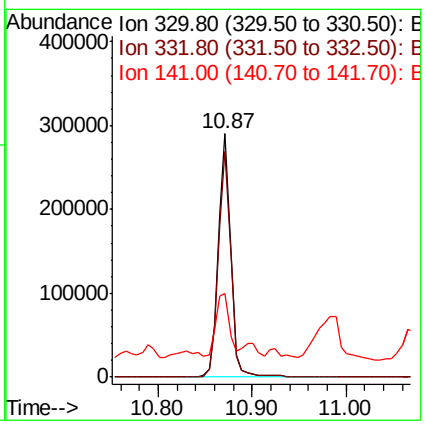


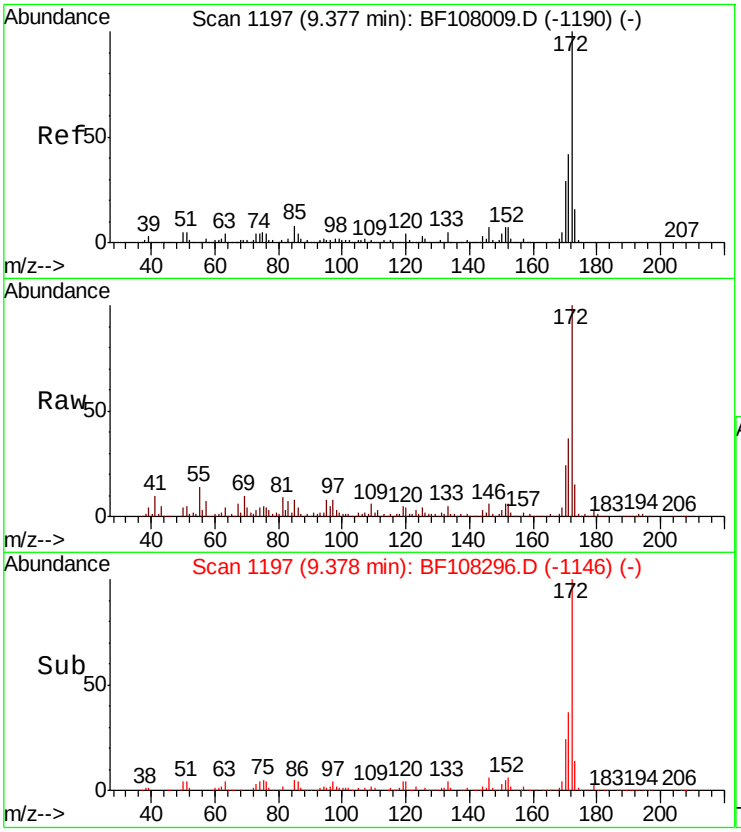


#41
2,4,6-Tribromophenol
Concen: 103.186 ng
RT: 10.87 min Scan# 1451
Delta R.T. 0.01 min
Lab File: BF108296.D
Acq: 20 Aug 2018 18:03

Tgt Ion:330 Resp: 269679

Ion	Ratio	Lower	Upper
330	100		
332	94.3	77.0	115.6
141	28.4	29.9	44.9#



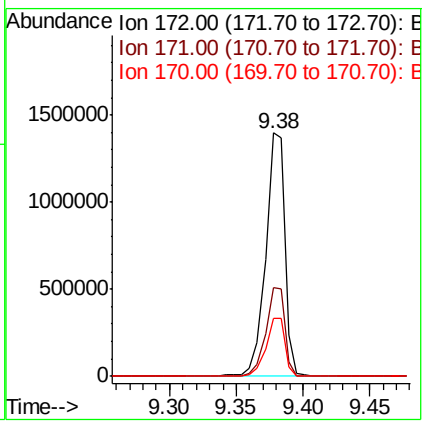


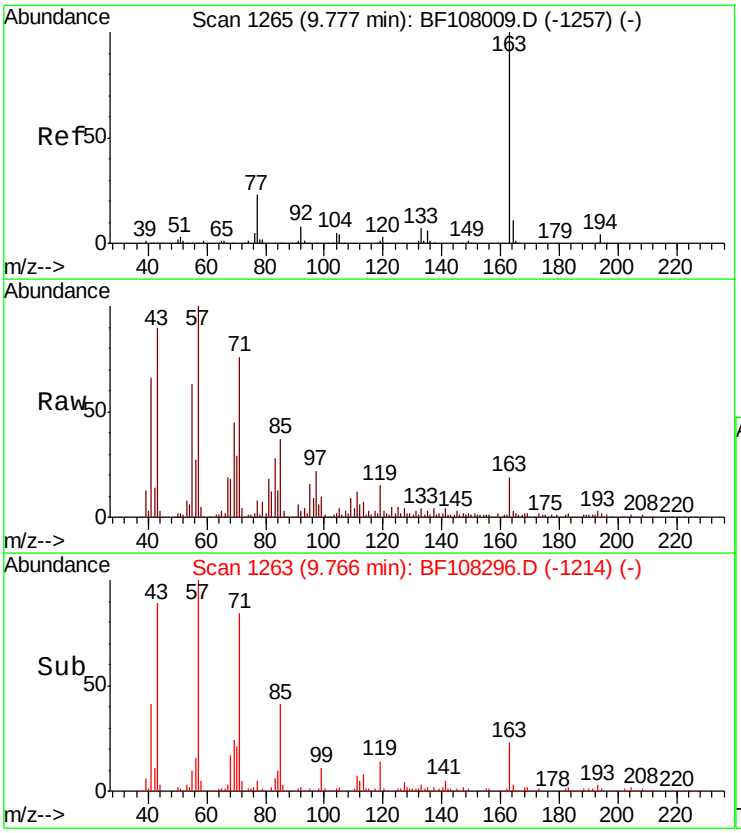
#44
2-Fluorobiphenyl
Concen: 85.994 ng
RT: 9.38 min Scan# 1197
Delta R.T. 0.00 min
Lab File: BF108296.D
Acq: 20 Aug 2018 18:03

Instrument :
BNA_F
ClientSampleId :
G.L.-WC-UST-01RE

Tgt Ion:172 Resp: 1403431

Ion	Ratio	Lower	Upper
172	100		
171	36.5	29.7	44.5
170	23.7	19.6	29.4

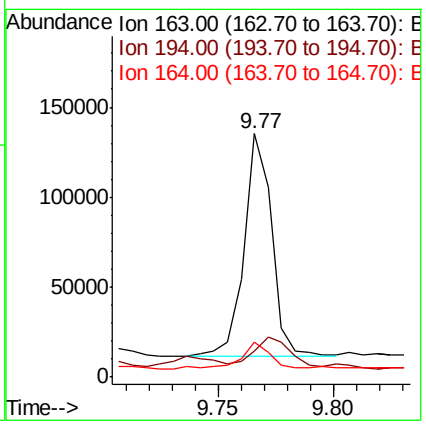


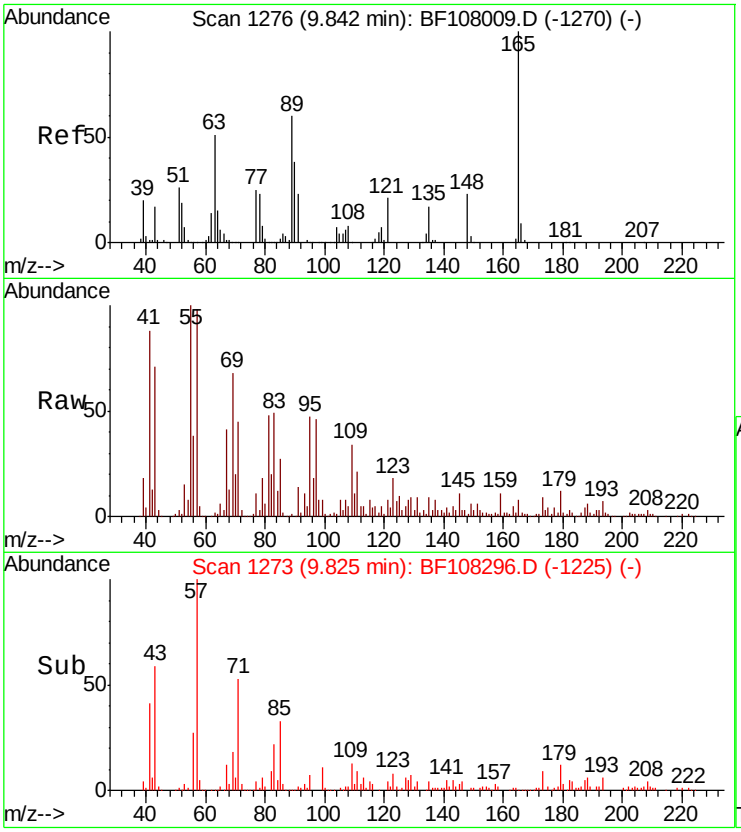


#49
Dimethylphthalate
Concen: 5.756 ng
RT: 9.77 min Scan# 1263
Delta R.T. -0.01 min
Lab File: BF108296.D
Acq: 20 Aug 2018 18:03

Tgt Ion:163 Resp: 105051

Ion	Ratio	Lower	Upper
163	100		
194	10.6	2.7	4.1#
164	14.3	8.2	12.2#



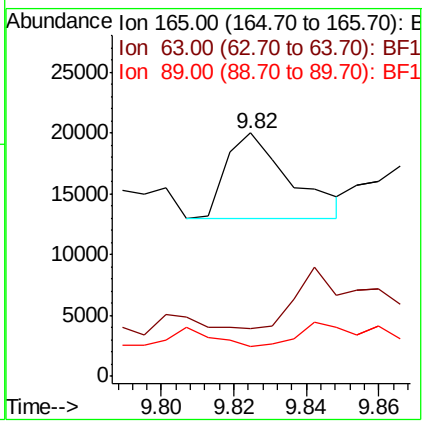


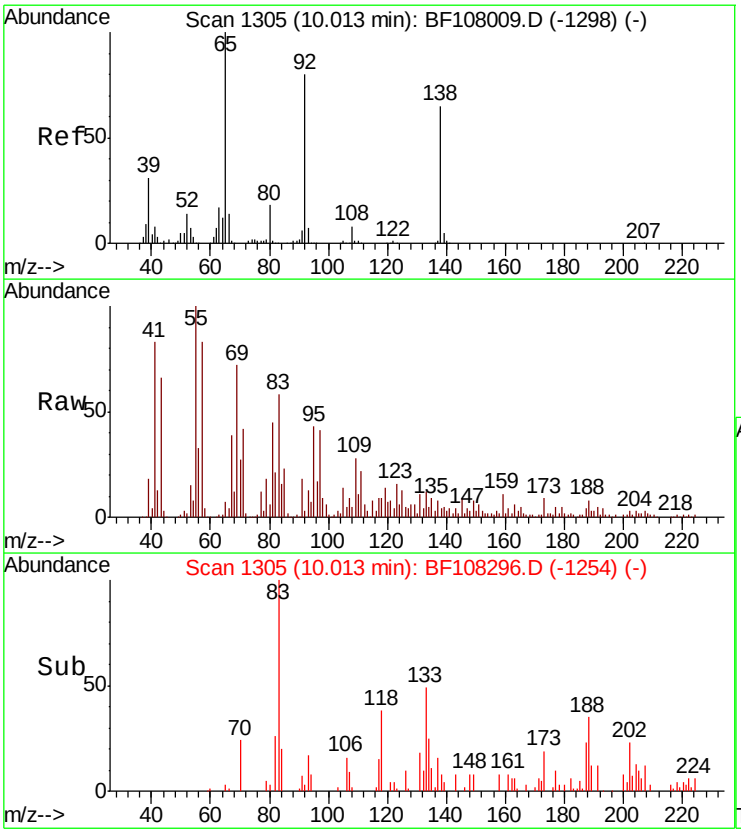
#50
2,6-Dinitrotoluene
Concen: 2.263 ng
RT: 9.82 min Scan# 1273
Delta R.T. -0.02 min
Lab File: BF108296.D
Acq: 20 Aug 2018 18:03

Instrument :
BNA_F
ClientSampleId :
G.L.-WC-UST-01RE

Tgt Ion:165 Resp: 8640

Ion	Ratio	Lower	Upper
165	100		
63	19.6	44.7	67.1#
89	12.4	44.0	66.0#

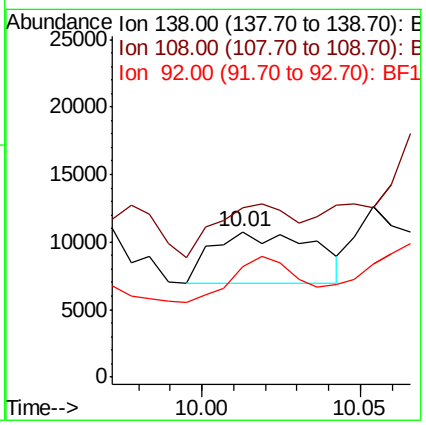


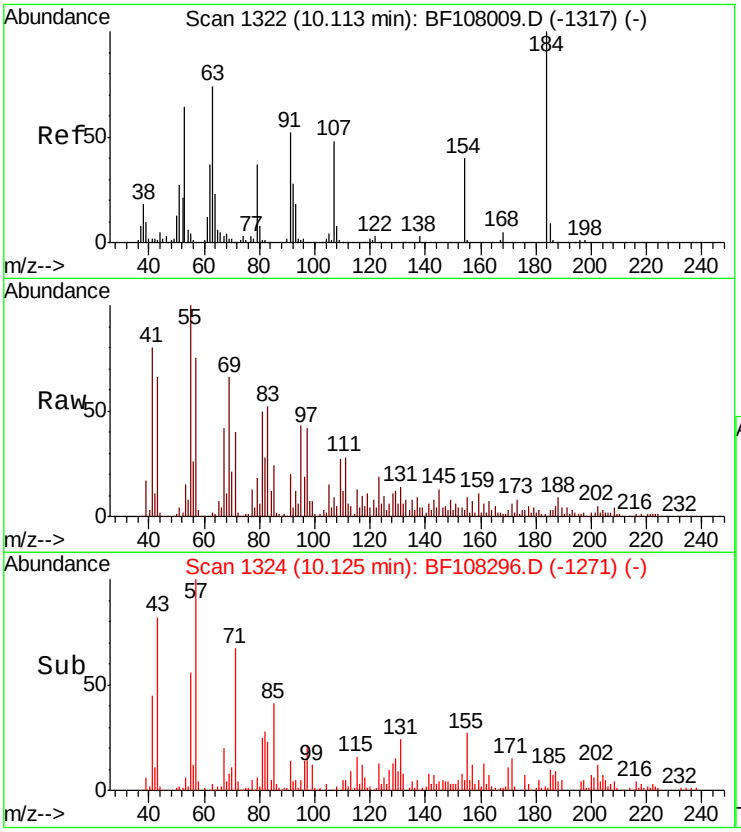


#52
3-Nitroaniline
Concen: 2.055 ng
RT: 10.01 min Scan# 1305
Delta R.T. 0.00 min
Lab File: BF108296.D
Acq: 20 Aug 2018 18:03

Tgt Ion:138 Resp: 8584

Ion	Ratio	Lower	Upper
138	100		
108	116.8	9.4	14.0#
92	75.7	89.4	134.2#



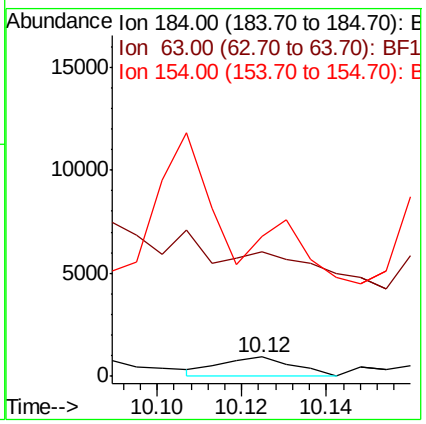


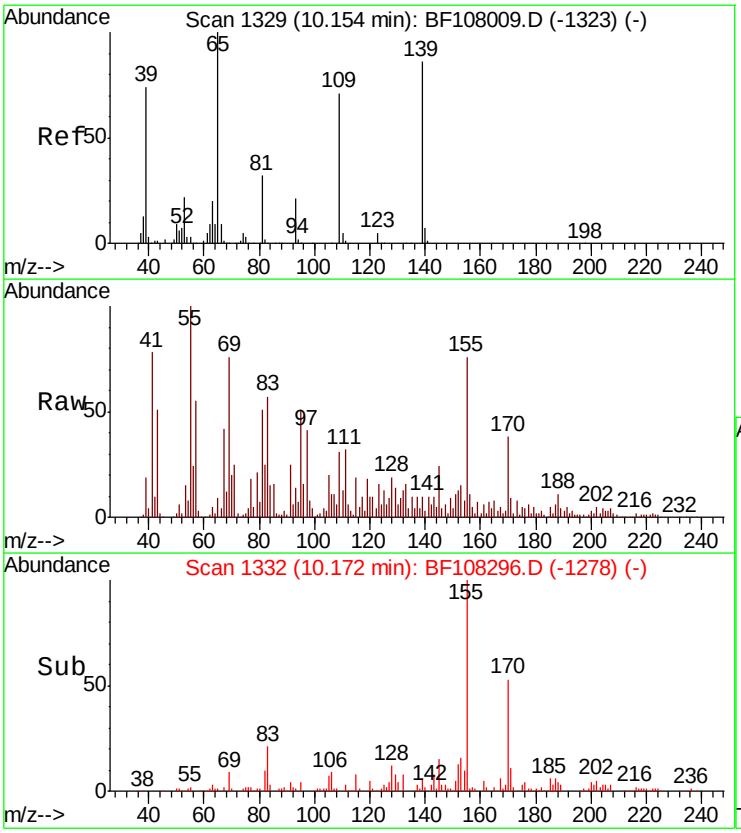
#53
2,4-Dinitrophenol
Concen: 7.745 ng
RT: 10.12 min Scan# 1324
Delta R.T. 0.01 min
Lab File: BF108296.D
Acq: 20 Aug 2018 18:03

Instrument :
BNA_F
ClientSampleId :
G.L.-WC-UST-01RE

Tgt Ion:184 Resp: 1134

Ion	Ratio	Lower	Upper
184	100		
63	641.4	54.2	81.2#
154	719.9	184.0	276.0#

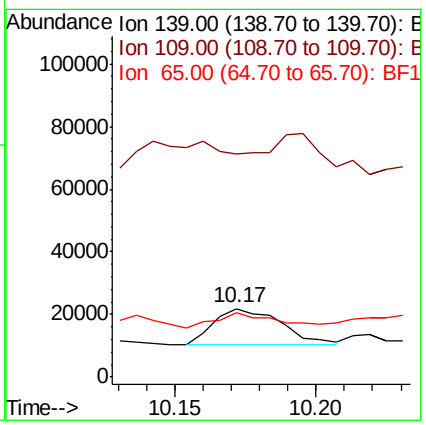


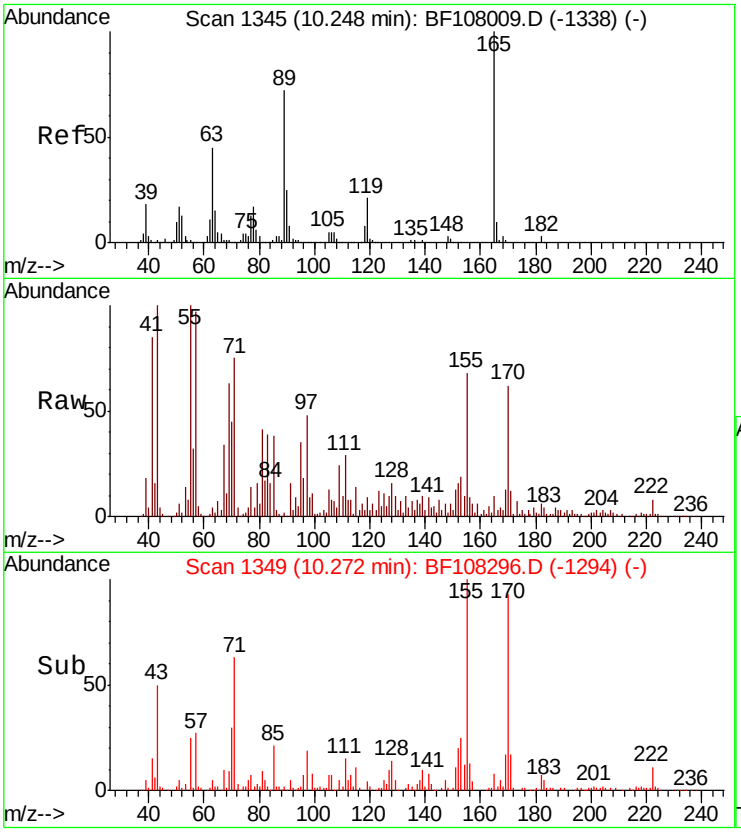


#55
4-Nitrophenol
Concen: 6.168 ng
RT: 10.17 min Scan# 1332
Delta R.T. 0.02 min
Lab File: BF108296.D
Acq: 20 Aug 2018 18:03

Tgt Ion:139 Resp: 19515

Ion	Ratio	Lower	Upper
139	100		
109	325.5	48.4	88.4#
65	93.6	72.6	112.6



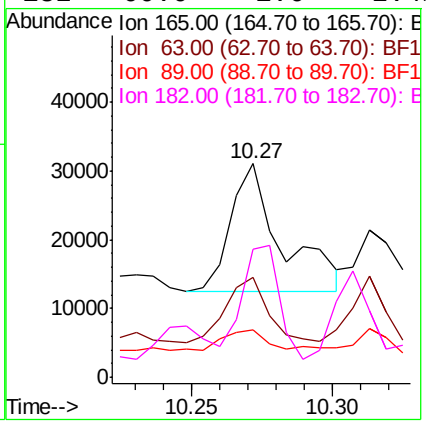


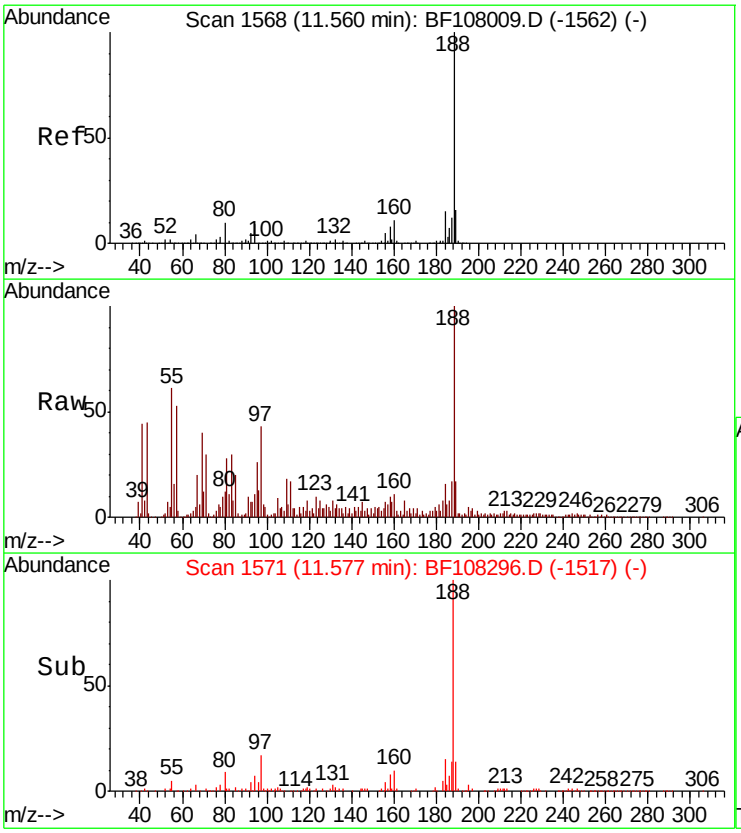
#56
2,4-Dinitrotoluene
Concen: 4.694 ng
RT: 10.27 min Scan# 1349
Delta R.T. 0.02 min
Lab File: BF108296.D
Acq: 20 Aug 2018 18:03

Instrument :
BNA_F
ClientSampleId :
G.L.-WC-UST-01RE

Tgt Ion:165 Resp: 23074

Ion	Ratio	Lower	Upper
165	100		
63	46.7	36.4	54.6
89	21.9	57.8	86.6#
182	60.0	1.6	2.4#

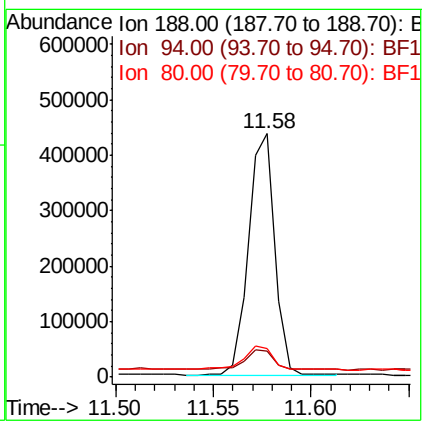


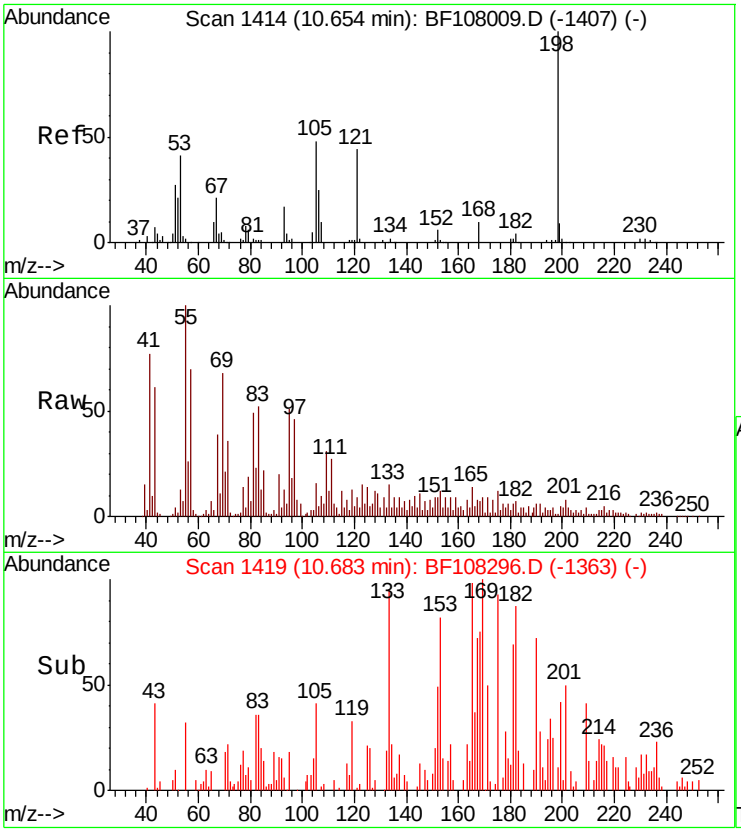


#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.58 min Scan# 1571
Delta R.T. 0.02 min
Lab File: BF108296.D
Acq: 20 Aug 2018 18:03

Tgt Ion:188 Resp: 402232

Ion	Ratio	Lower	Upper
188	100		
94	10.7	8.5	12.7
80	11.6	9.2	13.8



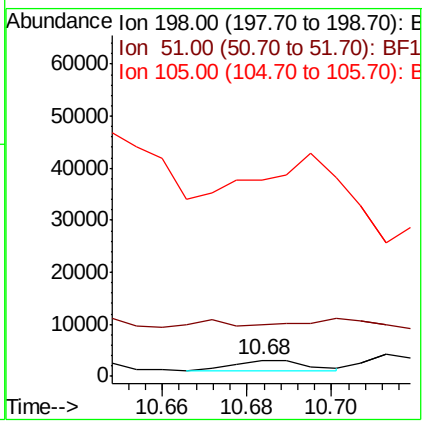


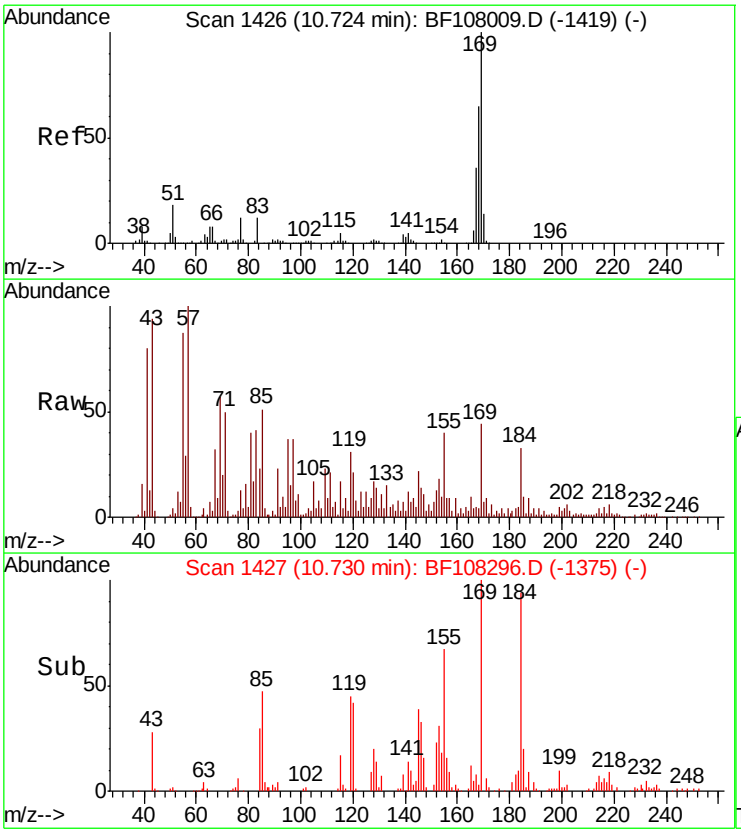
#64
4,6-Dinitro-2-methylphenol
Concen: 6.680 ng
RT: 10.68 min Scan# 1419
Delta R.T. 0.03 min
Lab File: BF108296.D
Acq: 20 Aug 2018 18:03

Instrument :
BNA_F
ClientSampleId :
G.L.-WC-UST-01RE

Tgt Ion:198 Resp: 2246

Ion	Ratio	Lower	Upper
198	100		
51	318.0	37.7	77.7#
105	1215.9	36.3	76.3#

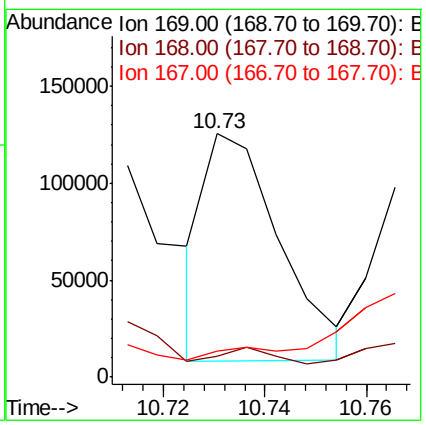


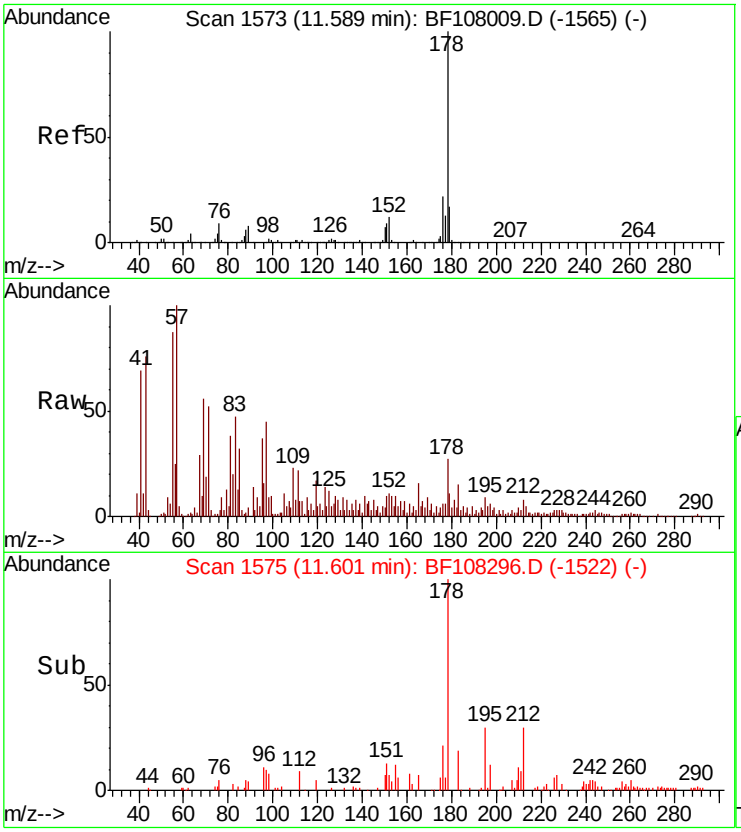


#65
n-Nitrosodiphenylamine
Concen: 10.113 ng
RT: 10.73 min Scan# 1427
Delta R.T. 0.01 min
Lab File: BF108296.D
Acq: 20 Aug 2018 18:03

Tgt Ion:169 Resp: 120201

Ion	Ratio	Lower	Upper
169	100		
168	8.3	54.4	81.6#
167	10.8	29.8	44.6#



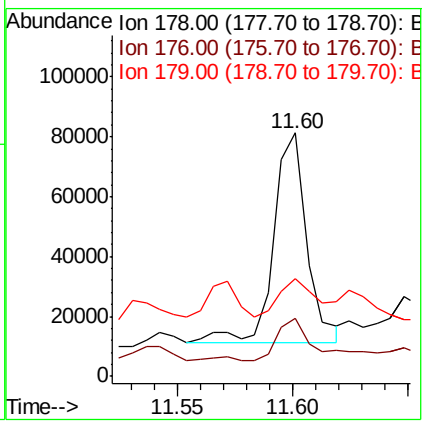


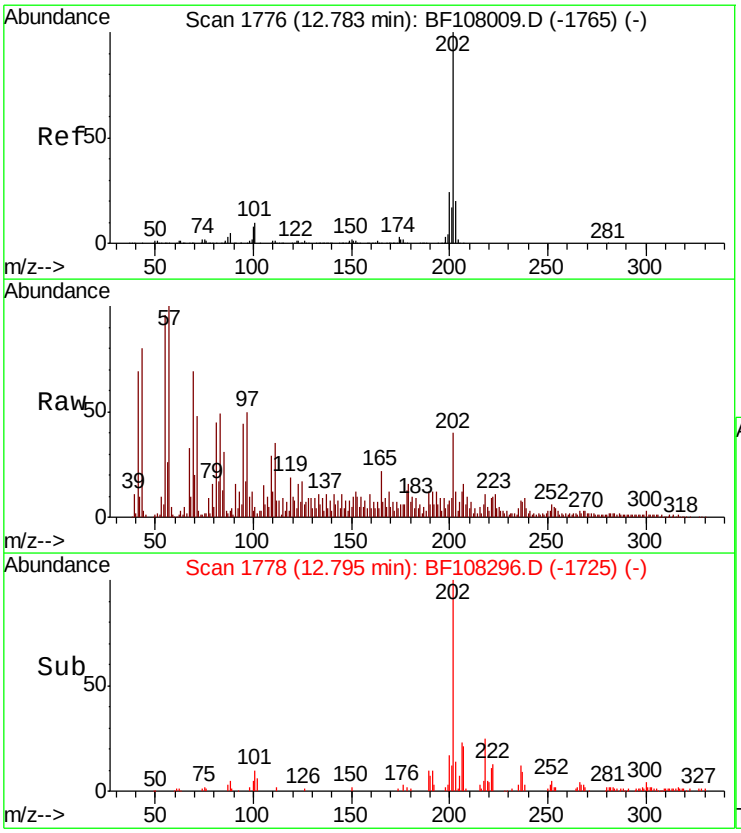
#70
Phenanthrene
Concen: 3.642 ng
RT: 11.60 min Scan# 1575
Delta R.T. 0.01 min
Lab File: BF108296.D
Acq: 20 Aug 2018 18:03

Instrument :
BNA_F
ClientSampleId :
G.L.-WC-UST-01RE

Tgt Ion:178 Resp: 69098

Ion	Ratio	Lower	Upper
178	100		
176	24.0	15.8	23.8#
179	40.3	13.0	19.6#

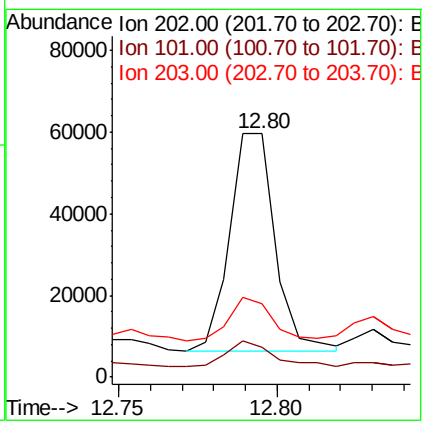


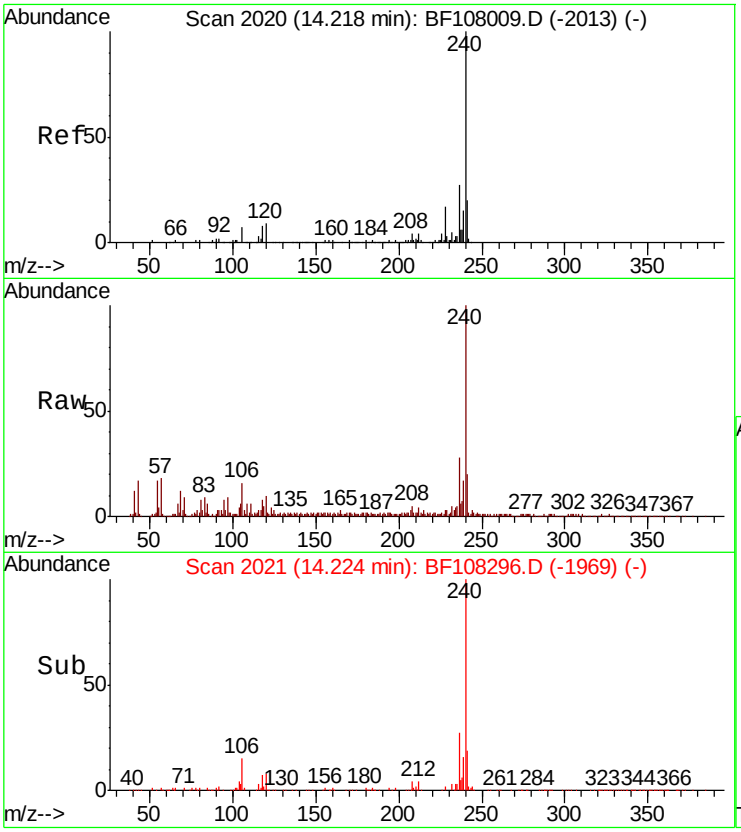


#74
Fluoranthene
Concen: 2.557 ng
RT: 12.80 min Scan# 1778
Delta R.T. 0.01 min
Lab File: BF108296.D
Acq: 20 Aug 2018 18:03

Tgt Ion:202 Resp: 52954

Ion	Ratio	Lower	Upper
202	100		
101	12.5	0.0	34.1
203	30.1	0.0	38.1



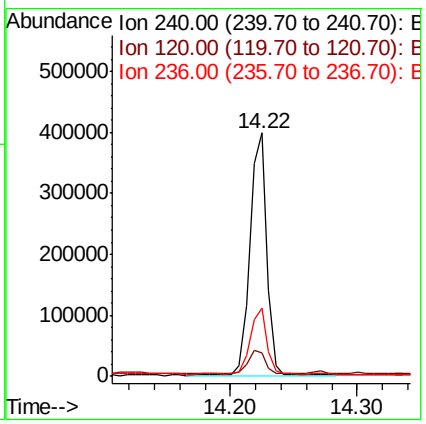


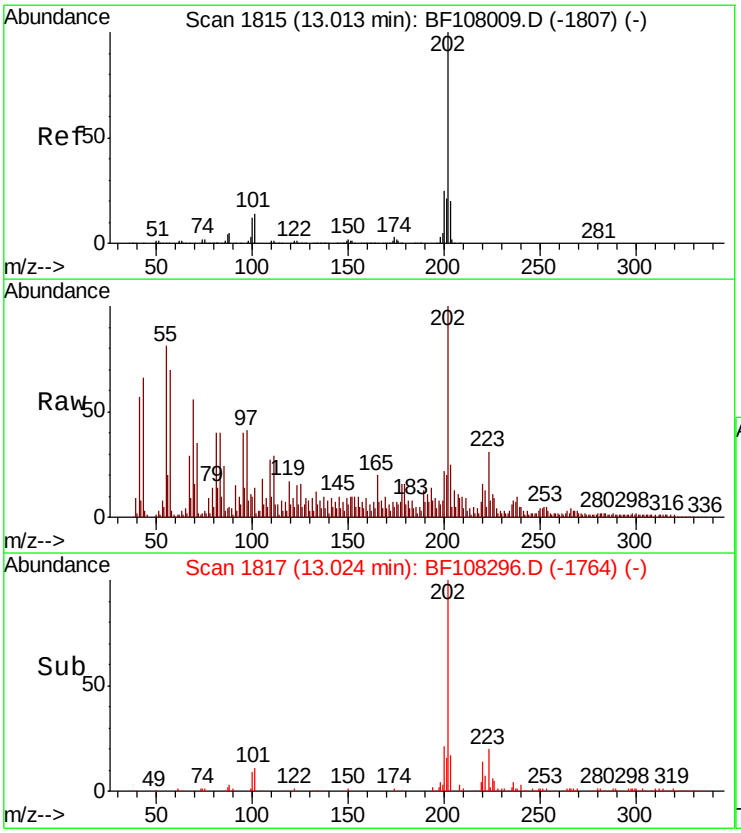
#75
Chrysene-d12
Concen: 20.000 ng
RT: 14.22 min Scan# 2021
Delta R.T. 0.01 min
Lab File: BF108296.D
Acq: 20 Aug 2018 18:03

Instrument :
BNA_F
ClientSampleId :
G.L.-WC-UST-01RE

Tgt Ion:240 Resp: 367175

Ion	Ratio	Lower	Upper
240	100		
120	9.6	9.5	14.3
236	28.0	20.7	31.1

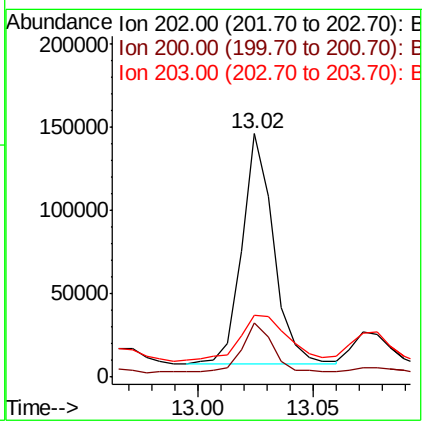


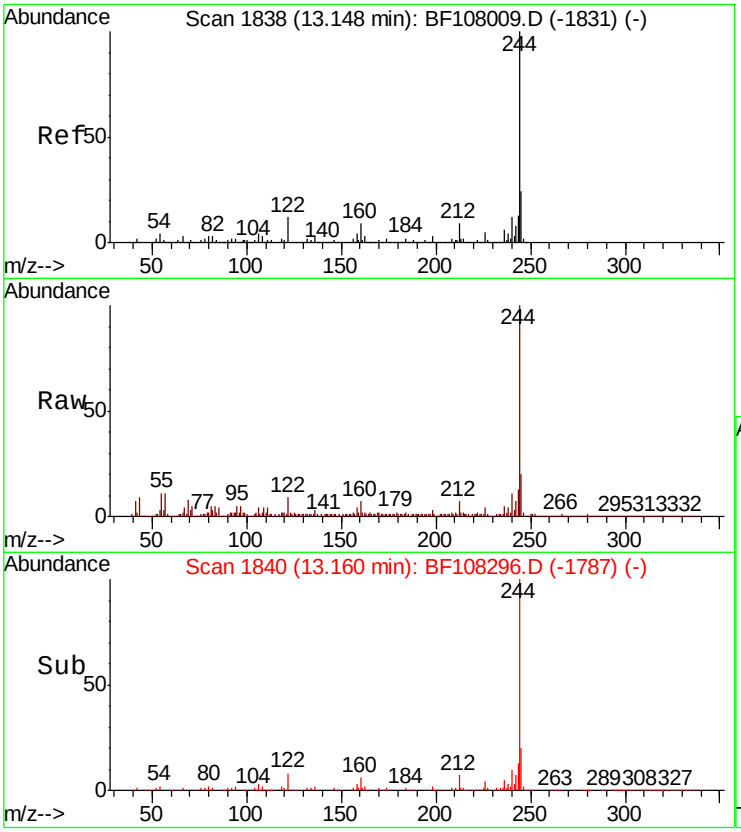


#77
Pyrene
Concen: 5.734 ng
RT: 13.02 min Scan# 1817
Delta R.T. 0.01 min
Lab File: BF108296.D
Acq: 20 Aug 2018 18:03

Tgt Ion:202 Resp: 133296

Ion	Ratio	Lower	Upper
202	100		
200	22.4	17.4	26.2
203	25.3	14.3	21.5#



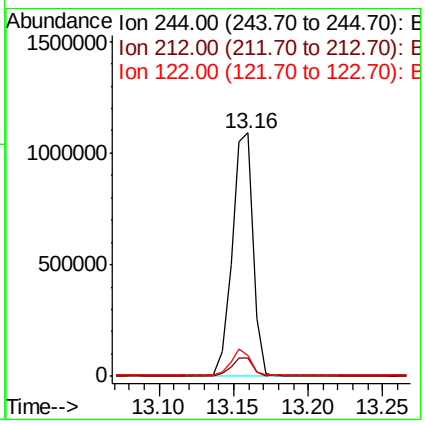


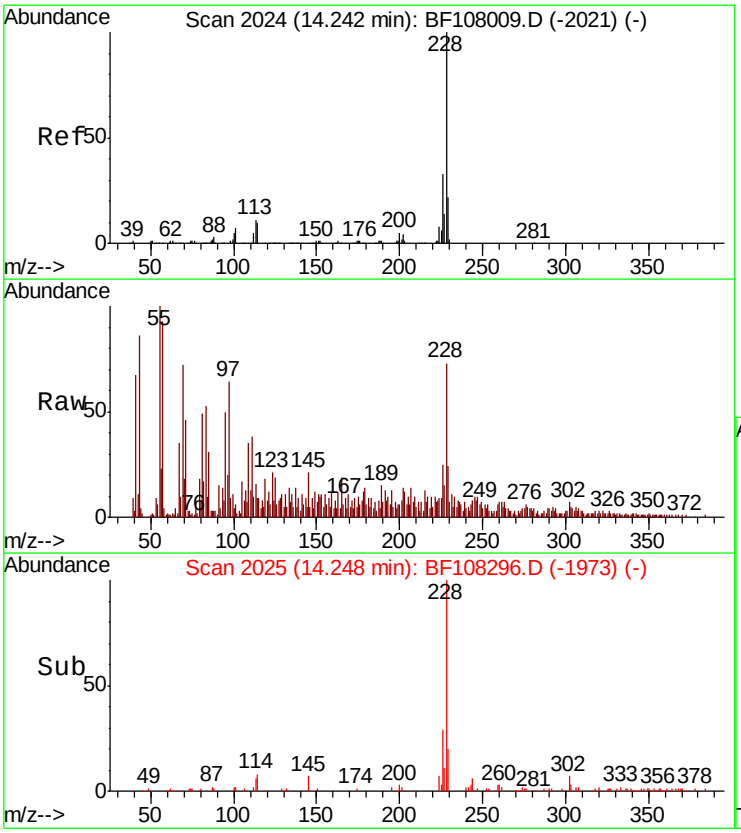
#78
Terphenyl-d14
Concen: 74.191 ng
RT: 13.16 min Scan# 1840
Delta R.T. 0.01 min
Lab File: BF108296.D
Acq: 20 Aug 2018 18:03

Instrument :
BNA_F
ClientSampleId :
G.L.-WC-UST-01RE

Tgt Ion:244 Resp: 1071397

Ion	Ratio	Lower	Upper
244	100		
212	7.4	5.4	8.0
122	8.8	11.0	16.4#

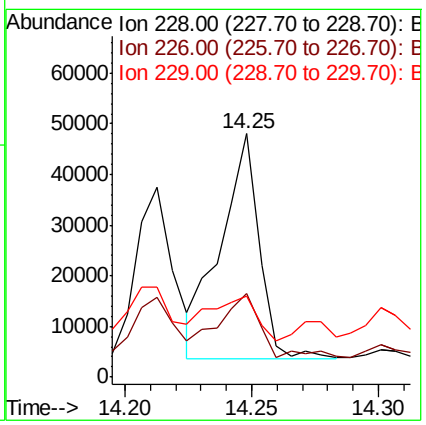


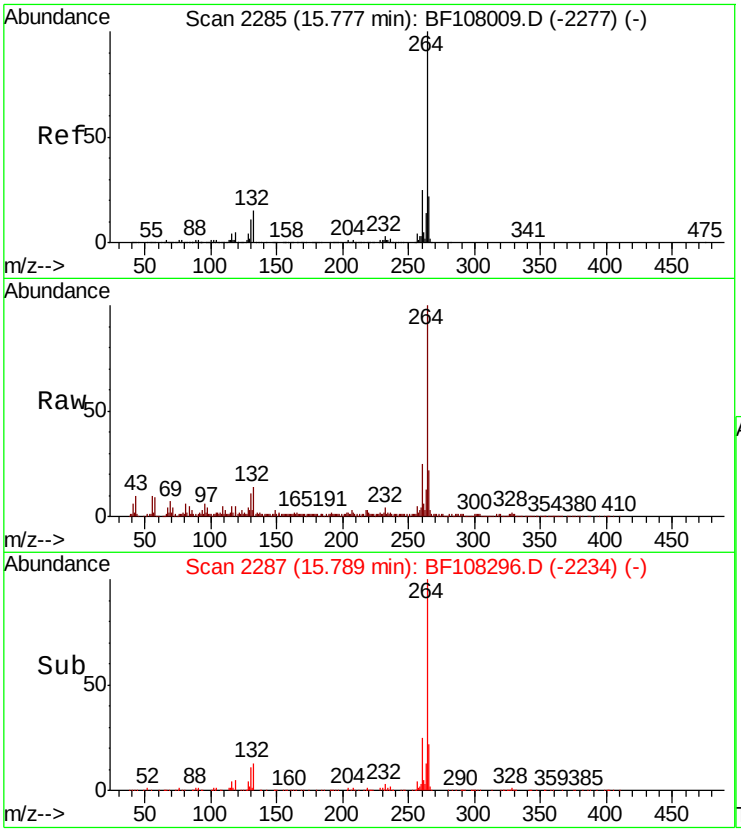


#82
Chrysene
Concen: 2.451 ng
RT: 14.25 min Scan# 2025
Delta R.T. 0.01 min
Lab File: BF108296.D
Acq: 20 Aug 2018 18:03

Tgt Ion:228 Resp: 47342

Ion	Ratio	Lower	Upper
228	100		
226	34.5	25.0	37.6
229	33.3	16.2	24.4#





#86
Perylene-d12
Concen: 20.000 ng
RT: 15.79 min Scan# 2287
Delta R.T. 0.01 min
Lab File: BF108296.D
Acq: 20 Aug 2018 18:03

Instrument :
BNA_F
ClientSampleId :
G.L.-WC-UST-01RE

Tgt Ion:264 Resp: 317973

Ion	Ratio	Lower	Upper
264	100		
260	25.0	19.2	28.8
265	22.1	17.5	26.3