Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF082018\
Data File : BF108292.D
Acq On : 20 Aug 2018 16:16
Operator : JU/SJ
Sample : J4537-01
Misc :
ALS Vial : 4 Sample Multiplier: 1

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

Quant Time: Aug 20 16:46:51 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	194635	20.00	ng		0.00
21) Naphthalene-d8	8.30	136	688378	20.00	ng		0.00
38) Acenaphthene-d10	10.07	164	296041	20.00	ng		0.00
63) Phenanthrene-d10	11.58	188	477243	20.00	ng		0.02
75) Chrysene-d12	14.22	240	379048	20.00	ng		0.00
86) Perylene-d12	15.78	264	393494	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.65	112	1053194	97.97	ng		0.02
7) Phenol-d6	6.64	99	1428510	99.99	ng		0.01
23) Nitrobenzene-d5	7.58	82	920763	74.64	ng		0.00
41) 2,4,6-Tribromophenol	10.87	330	320673	108.59	ng		0.01
44) 2-Fluorobiphenyl	9.38	172	1482382	80.39	ng		0.00
78) Terphenyl-d14	13.15	244	1160726	77.86	ng		0.00
Target Compounds							Qvalue
25) Isophorone	7.82	82	49912	2.123	ng	#	1
32) Benzoic acid	8.00	122	1247	6.155	ng	#	12
35) Caprolactam	8.74	113	6052	2.011	ng	#	1
49) Dimethylphthalate	9.77	163	114243	5.540	ng	#	88
50) 2,6-Dinitrotoluene	9.82	165	9435	2.187	ng	#	44
53) 2,4-Dinitrophenol	10.12	184	1284	7.746	ng	#	1
55) 4-Nitrophenol	10.17	139	21976	6.148	ng	#	1
56) 2,4-Dinitrotoluene	10.27	165	25918	4.667	ng	#	60
64) 4,6-Dinitro-2-methylphenol	10.68	198	2510	6.603	ng	#	1
65) n-Nitrosodiphenylamine	10.74	169	134644	9.547	ng	#	40
70) Phenanthrene	11.60	178	74924	3.328	ng	#	73
74) Fluoranthene	12.79	202	59408	2.418	ng		80
77) Pyrene	13.02	202	147768	6.158	ng	#	92
82) Chrysene	14.25	228	46967	2.355	ng	#	81

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

Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF082018\
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Acq On : 20 Aug 2018 16:16
Operator : JU/SJ
Sample : J4537-01
Misc :
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Instrument :
BNA_F
ClientSampleId :
G.L.-WC-UST-01

Quant Time: Aug 20 16:46:51 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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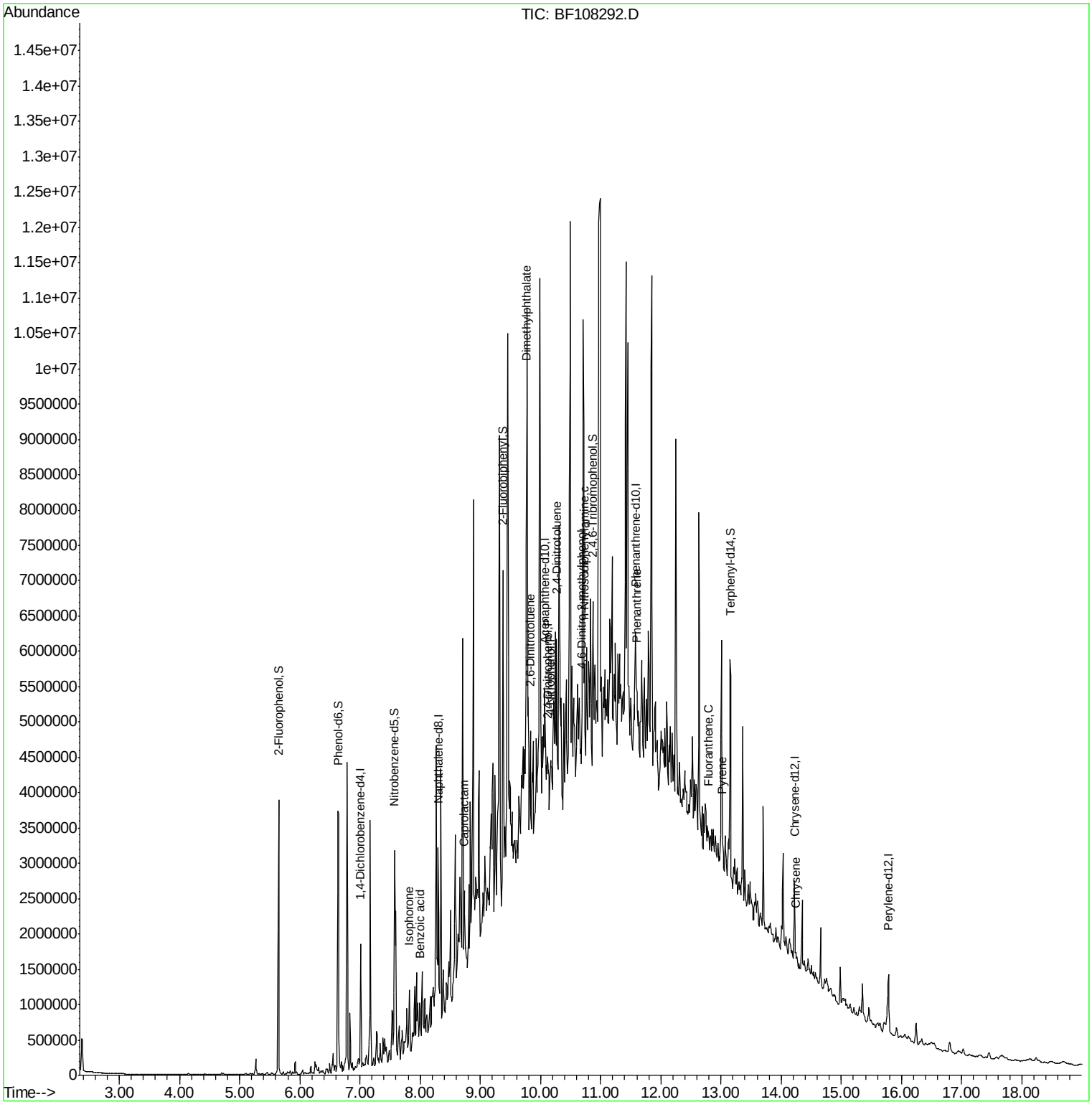
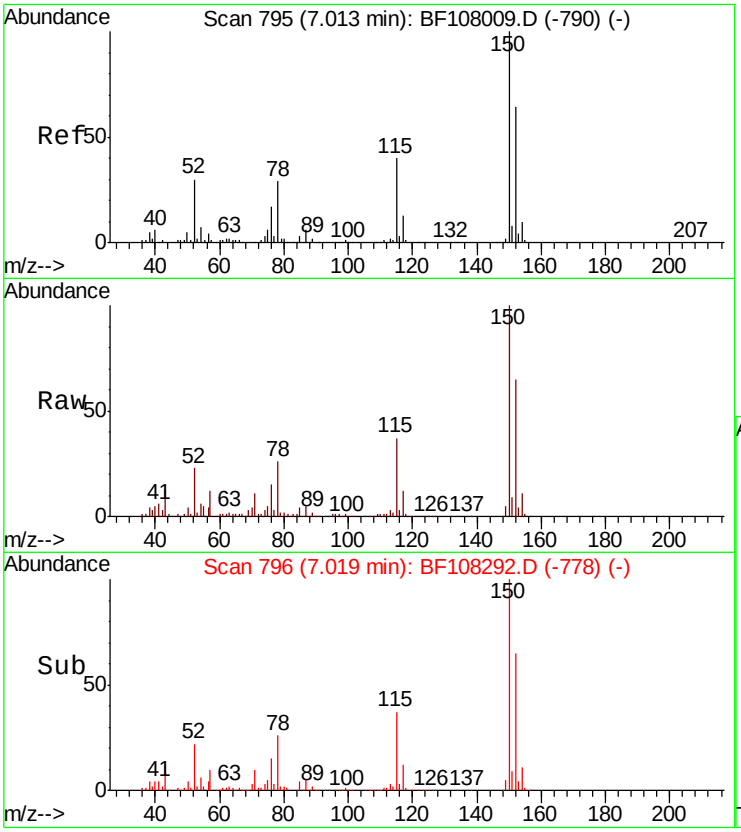


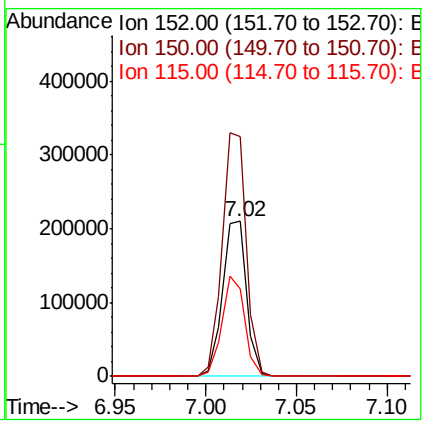


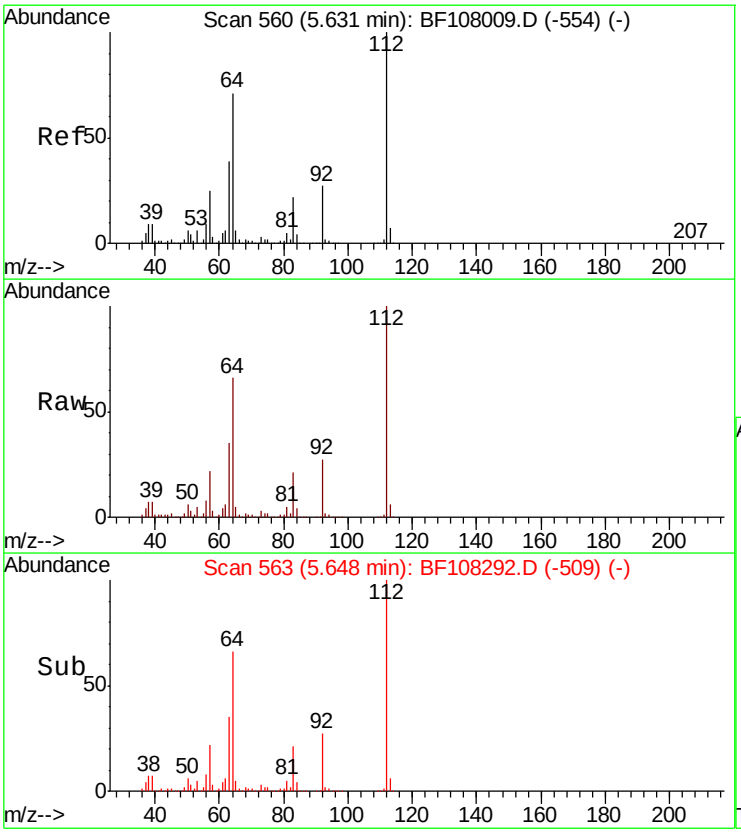
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.02 min Scan# 796
Delta R.T. 0.01 min
Lab File: BF108292.D
Acq: 20 Aug 2018 16:16

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

Tgt Ion:152 Resp: 194635

Ion	Ratio	Lower	Upper
152	100		
150	154.4	124.6	186.8
115	56.7	50.1	75.1

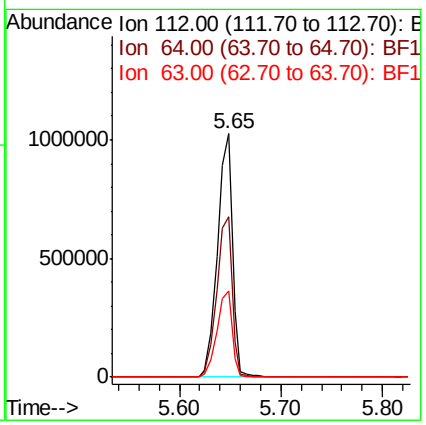


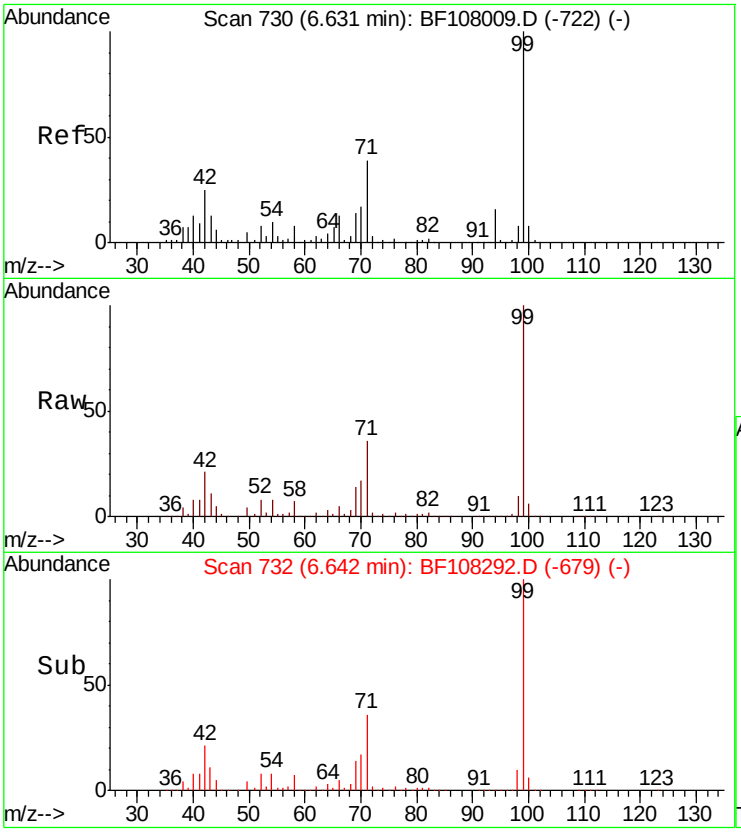


#5
2-Fluorophenol
Concen: 97.966 ng
RT: 5.65 min Scan# 563
Delta R.T. 0.02 min
Lab File: BF108292.D
Acq: 20 Aug 2018 16:16

Tgt Ion:112 Resp: 1053194

Ion	Ratio	Lower	Upper
112	100		
64	65.8	47.9	71.9
63	35.5	23.7	35.5



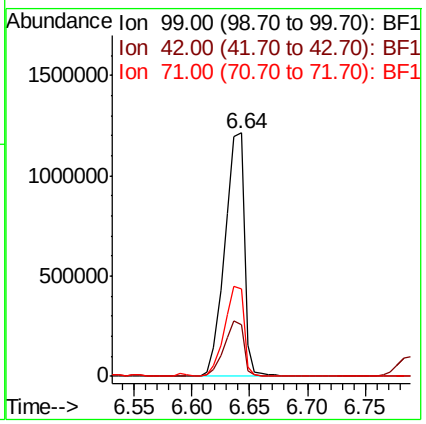


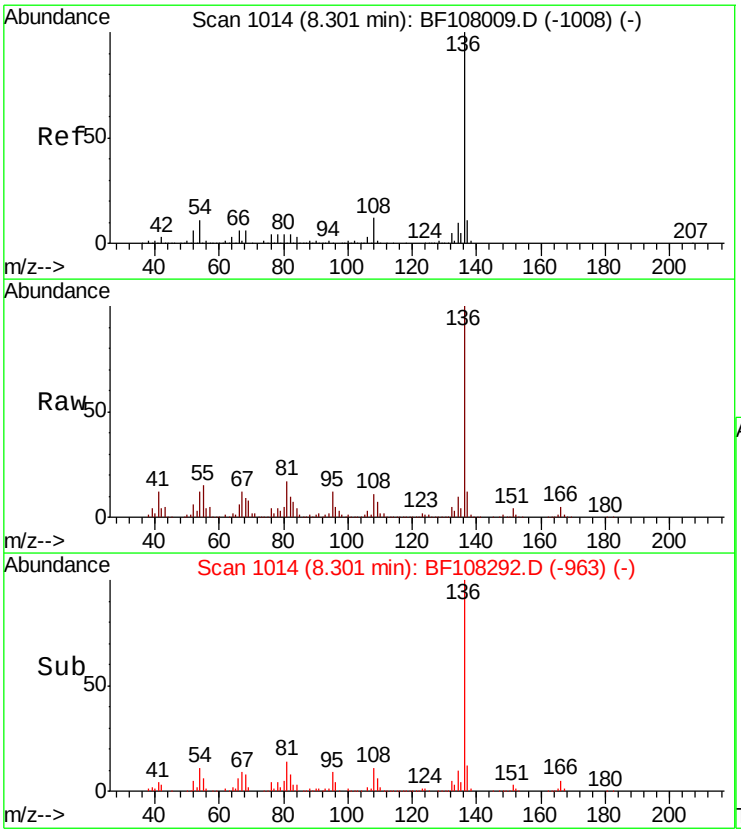
#7
Phenol-d6
Concen: 99.993 ng
RT: 6.64 min Scan# 732
Delta R.T. 0.01 min
Lab File: BF108292.D
Acq: 20 Aug 2018 16:16

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

Tgt Ion: 99 Resp: 1428510

Ion	Ratio	Lower	Upper
99	100		
42	21.3	14.5	21.7
71	36.1	25.4	38.0

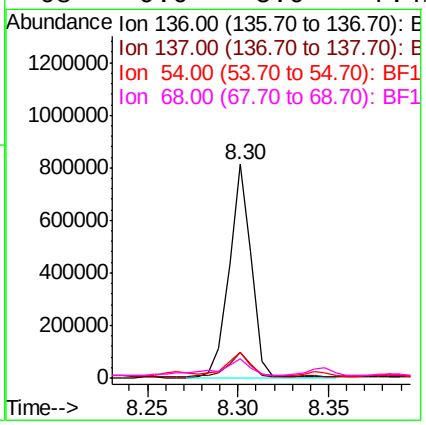


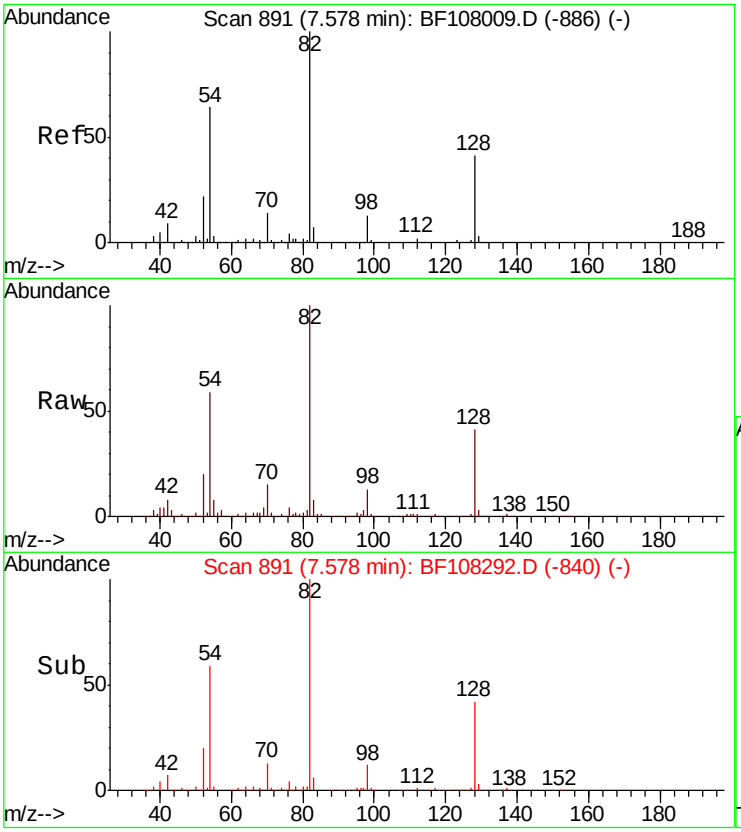


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.30 min Scan# 1014
Delta R.T. 0.00 min
Lab File: BF108292.D
Acq: 20 Aug 2018 16:16

Tgt Ion:136 Resp: 688378

Ion	Ratio	Lower	Upper
136	100		
137	12.0	8.9	13.3
54	12.0	6.6	9.8#
68	9.0	5.0	7.4#



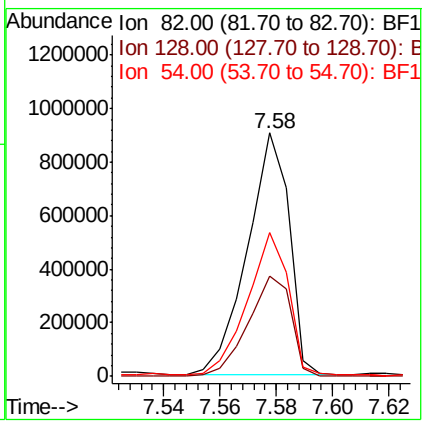


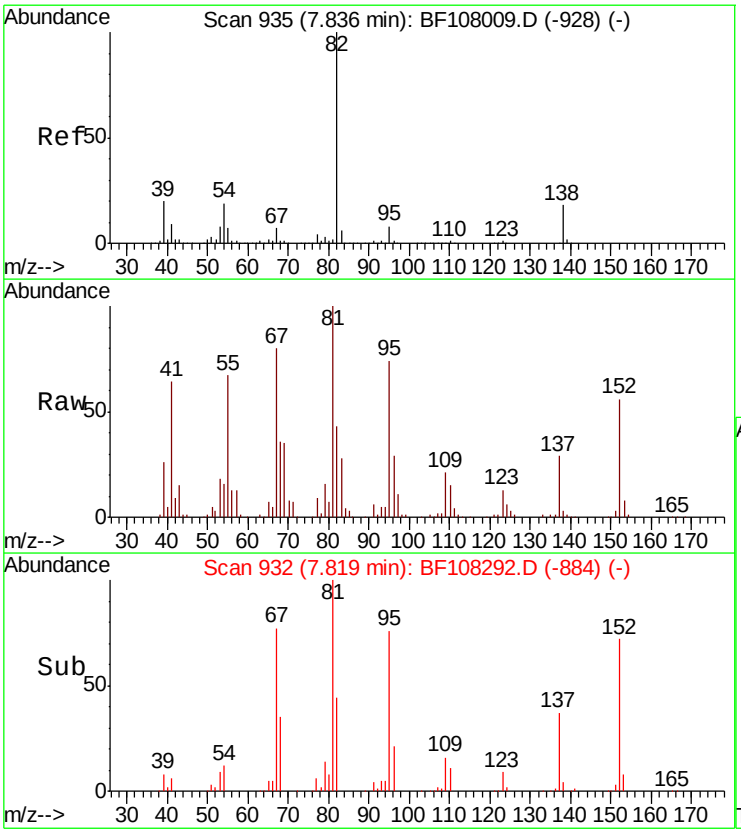
#23
Nitrobenzene-d5
Concen: 74.639 ng
RT: 7.58 min Scan# 891
Delta R.T. 0.00 min
Lab File: BF108292.D
Acq: 20 Aug 2018 16:16

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

Tgt Ion: 82 Resp: 920763

Ion	Ratio	Lower	Upper
82	100		
128	41.3	36.1	54.1
54	59.1	41.4	62.2

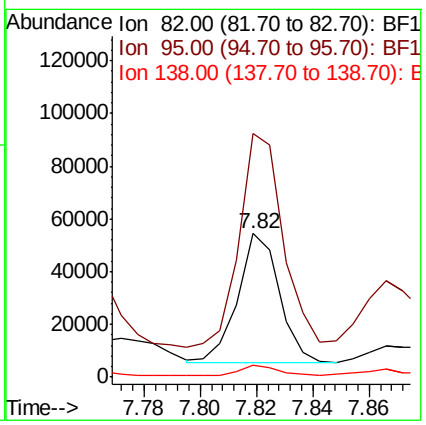


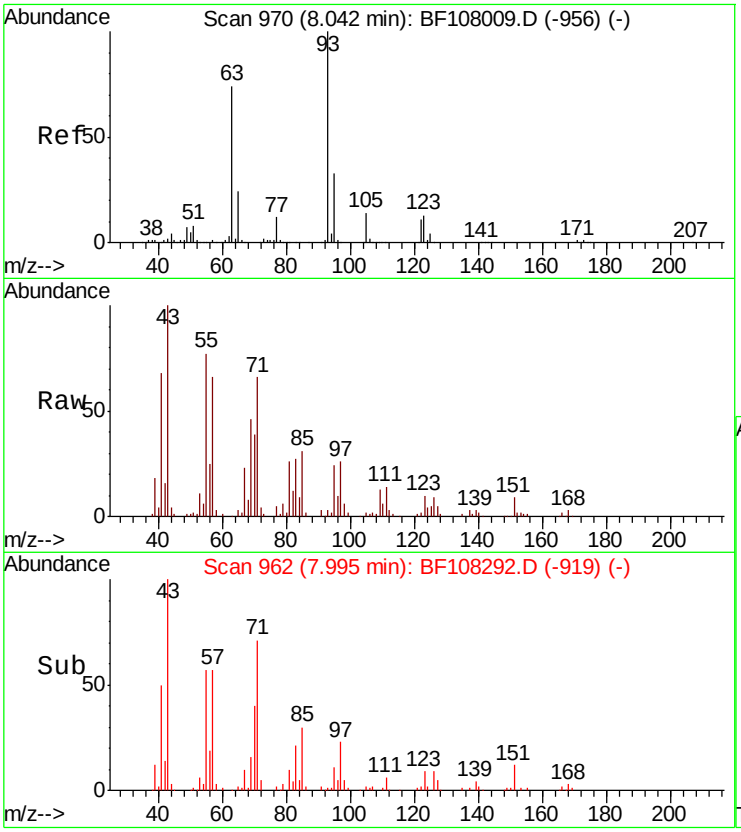


#25
Isophorone
Concen: 2.123 ng
RT: 7.82 min Scan# 932
Delta R.T. -0.02 min
Lab File: BF108292.D
Acq: 20 Aug 2018 16:16

Tgt Ion: 82 Resp: 49912

Ion	Ratio	Lower	Upper
82	100		
95	169.4	5.2	7.8#
138	8.0	14.9	22.3#



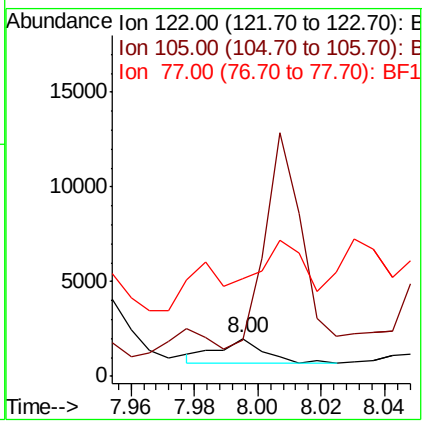


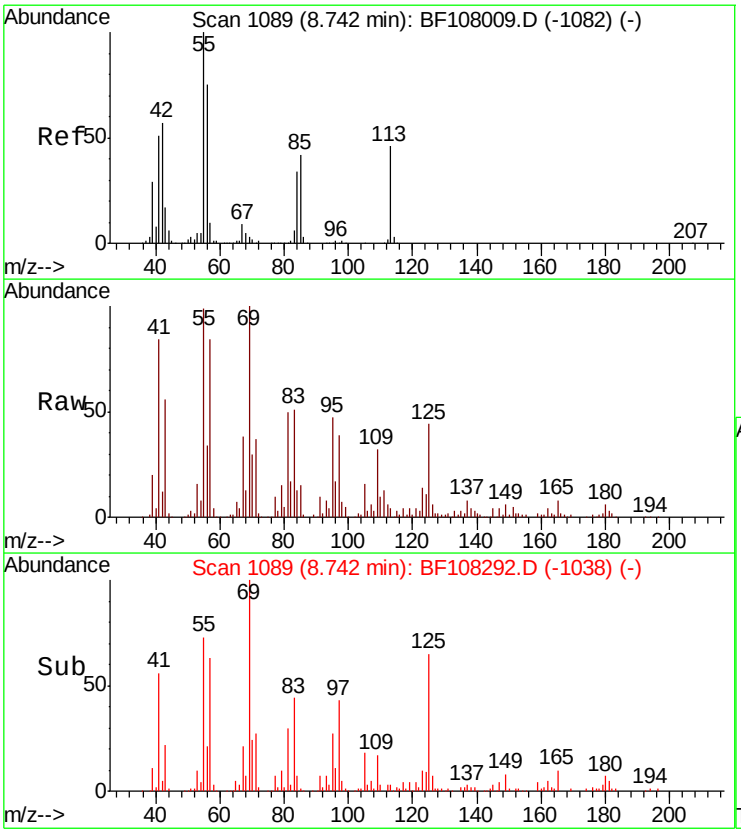
#32
Benzoic acid
Concen: 6.155 ng
RT: 8.00 min Scan# 962
Delta R.T. -0.05 min
Lab File: BF108292.D
Acq: 20 Aug 2018 16:16

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

Tgt Ion:122 Resp: 1247

Ion	Ratio	Lower	Upper
122	100		
105	96.4	101.1	141.1#
77	256.5	70.7	110.7#

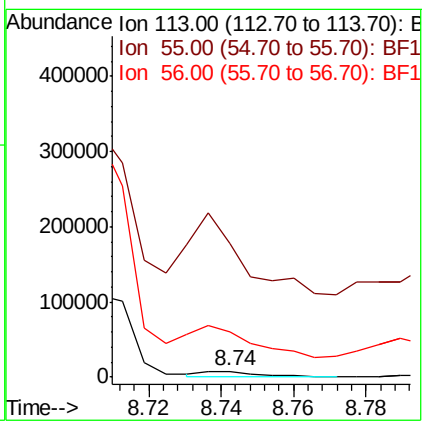


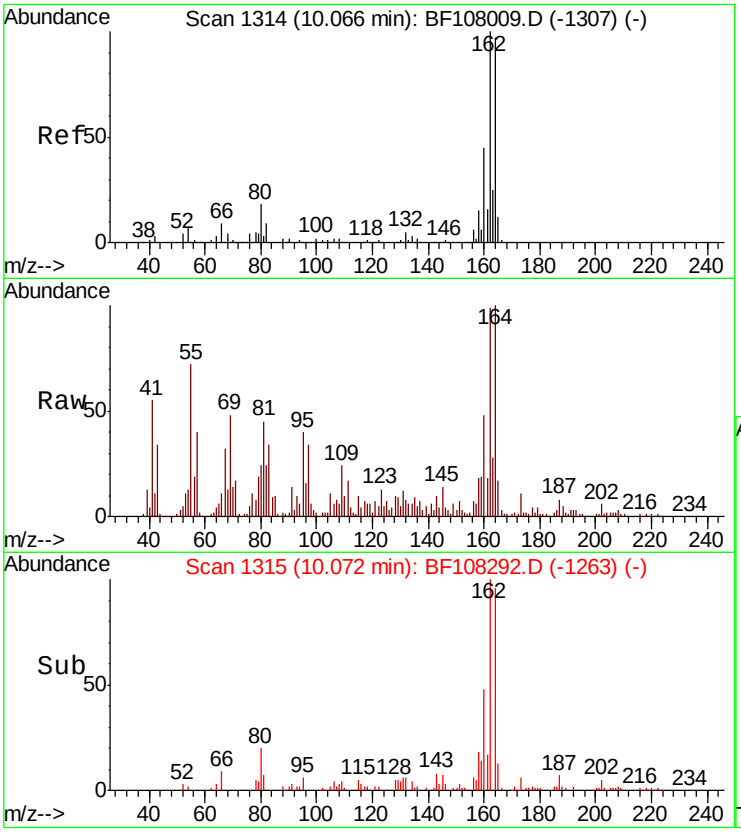


#35
Caprolactam
Concen: 2.011 ng
RT: 8.74 min Scan# 1089
Delta R.T. 0.00 min
Lab File: BF108292.D
Acq: 20 Aug 2018 16:16

Tgt Ion:113 Resp: 6052

Ion	Ratio	Lower	Upper
113	100		
55	2413.8	163.3	203.3#
56	816.5	115.7	155.7#



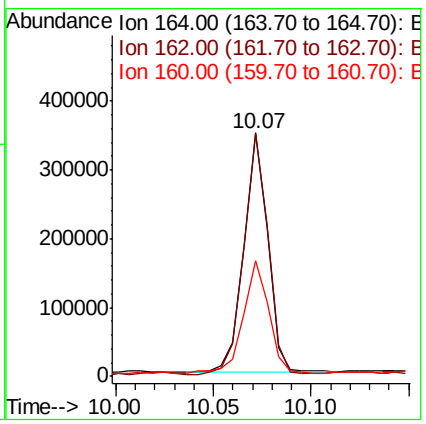


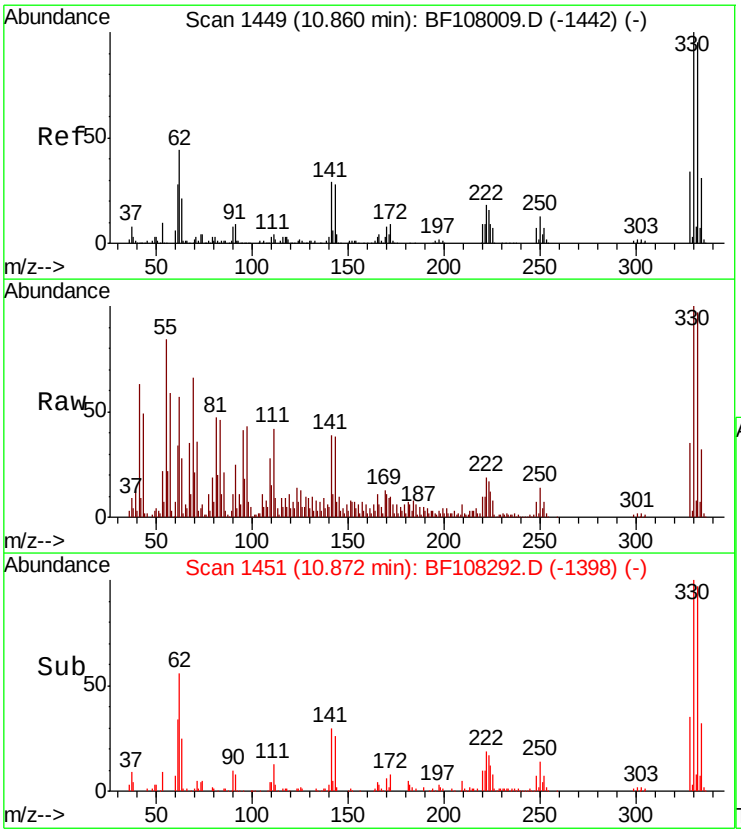
#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 10.07 min Scan# 1315
Delta R.T. 0.01 min
Lab File: BF108292.D
Acq: 20 Aug 2018 16:16

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

Tgt Ion:164 Resp: 296041

Ion	Ratio	Lower	Upper
164	100		
162	99.5	86.1	129.1
160	47.7	38.3	57.5

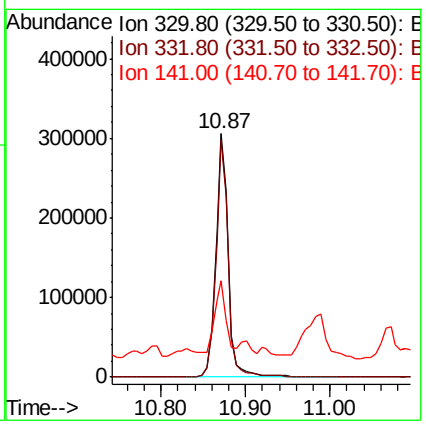


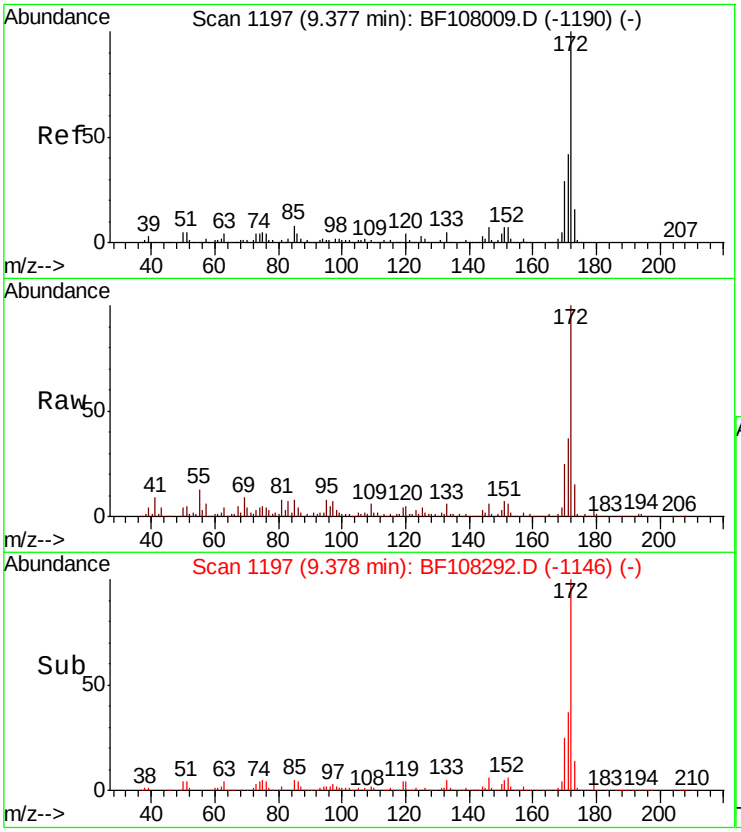


#41
2,4,6-Tribromophenol
Concen: 108.595 ng
RT: 10.87 min Scan# 1451
Delta R.T. 0.01 min
Lab File: BF108292.D
Acq: 20 Aug 2018 16:16

Tgt Ion:330 Resp: 320673

Ion	Ratio	Lower	Upper
330	100		
332	95.9	77.0	115.6
141	26.4	29.9	44.9#



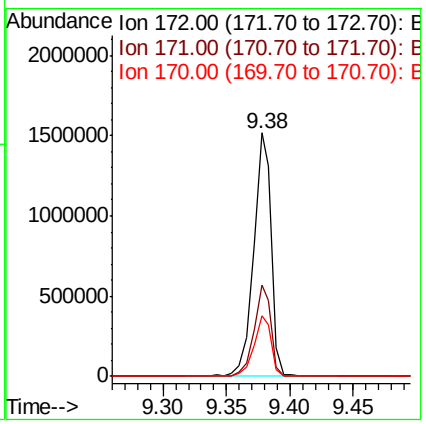


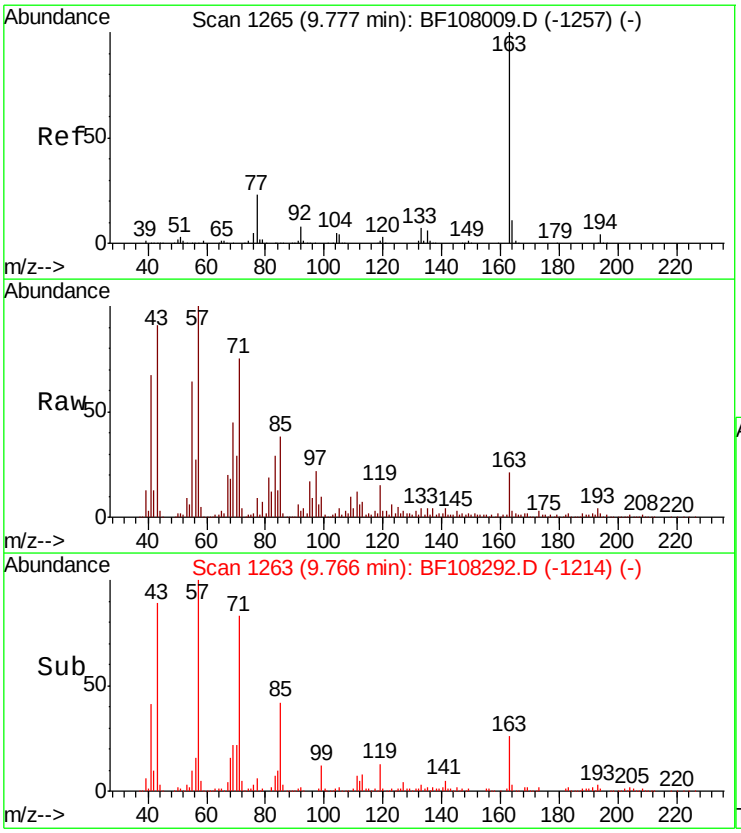
#44
2-Fluorobiphenyl
Concen: 80.392 ng
RT: 9.38 min Scan# 1197
Delta R.T. 0.00 min
Lab File: BF108292.D
Acq: 20 Aug 2018 16:16

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

Tgt Ion:172 Resp: 1482382

Ion	Ratio	Lower	Upper
172	100		
171	37.5	29.7	44.5
170	25.0	19.6	29.4

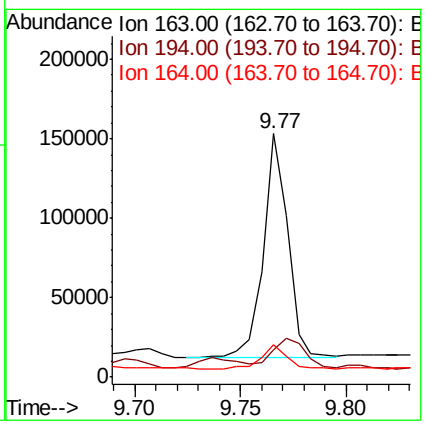


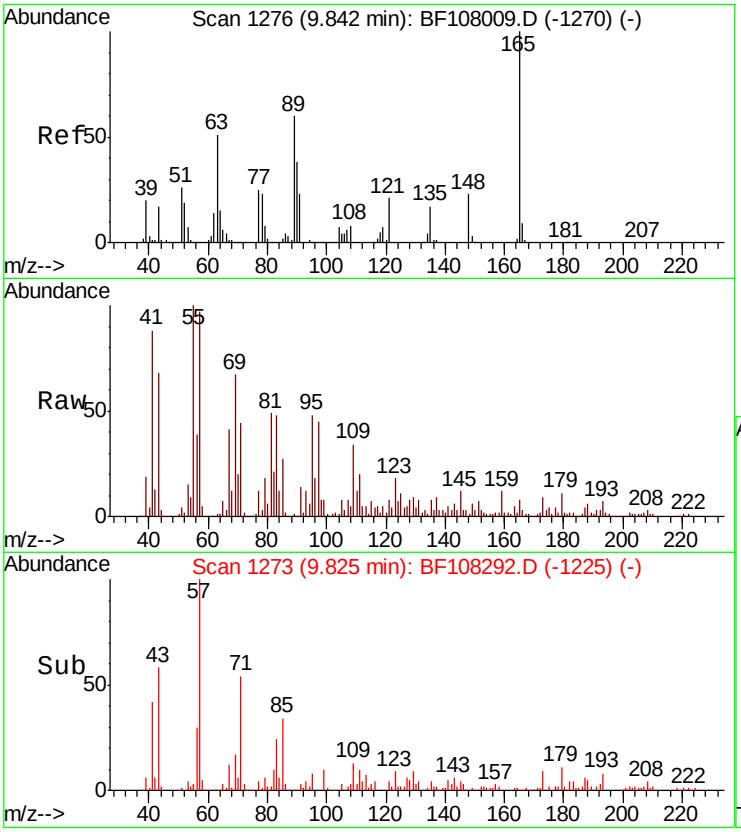


#49
Dimethylphthalate
Concen: 5.540 ng
RT: 9.77 min Scan# 1263
Delta R.T. -0.01 min
Lab File: BF108292.D
Acq: 20 Aug 2018 16:16

Tgt Ion:163 Resp: 114243

Ion	Ratio	Lower	Upper
163	100		
194	11.3	2.7	4.1#
164	13.3	8.2	12.2#



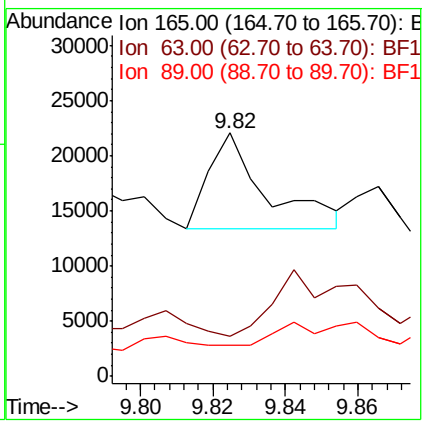


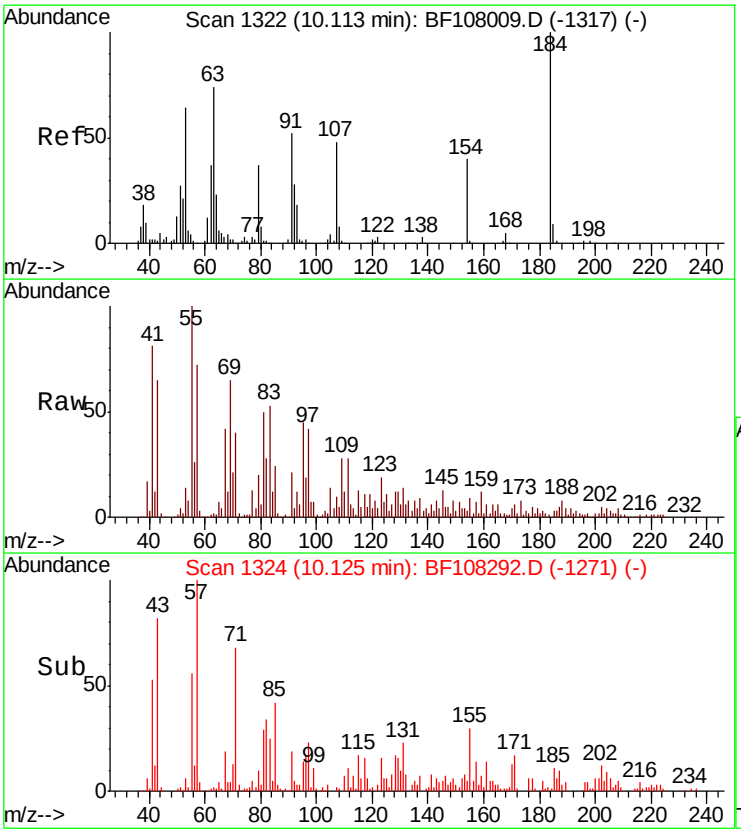
#50
2,6-Dinitrotoluene
Concen: 2.187 ng
RT: 9.82 min Scan# 1273
Delta R.T. -0.02 min
Lab File: BF108292.D
Acq: 20 Aug 2018 16:16

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

Tgt Ion:165 Resp: 9435

Ion	Ratio	Lower	Upper
165	100		
63	16.5	44.7	67.1#
89	12.6	44.0	66.0#

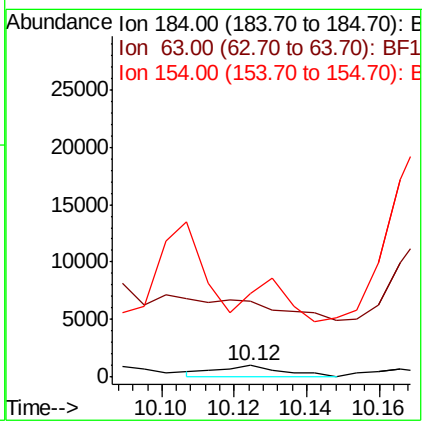


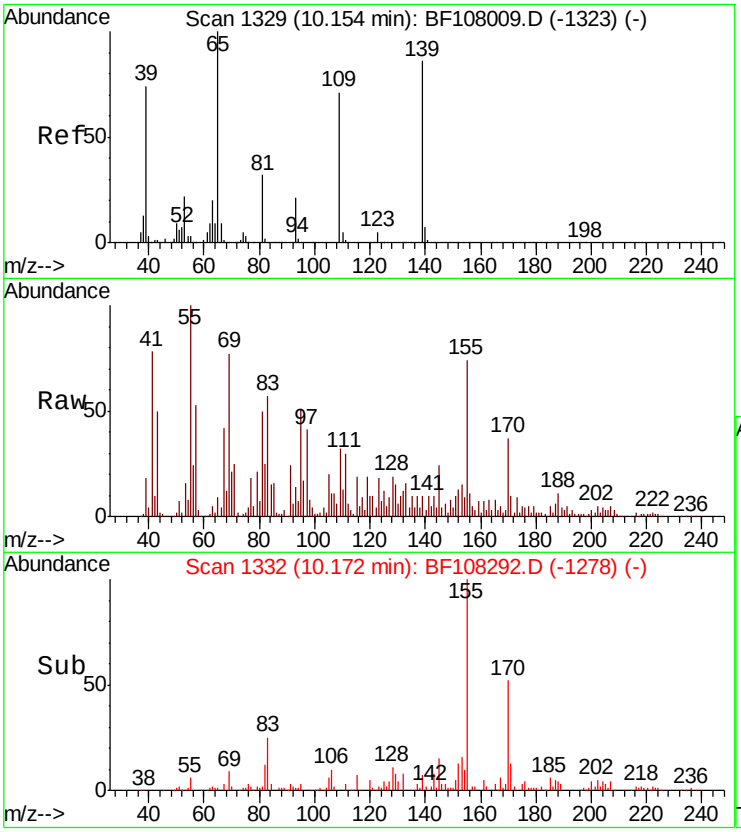


#53
2,4-Dinitrophenol
Concen: 7.746 ng
RT: 10.12 min Scan# 1324
Delta R.T. 0.01 min
Lab File: BF108292.D
Acq: 20 Aug 2018 16:16

Tgt Ion:184 Resp: 1284

Ion	Ratio	Lower	Upper
184	100		
63	667.3	54.2	81.2#
154	737.9	184.0	276.0#



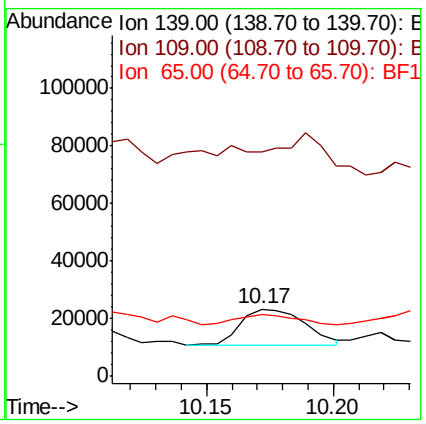


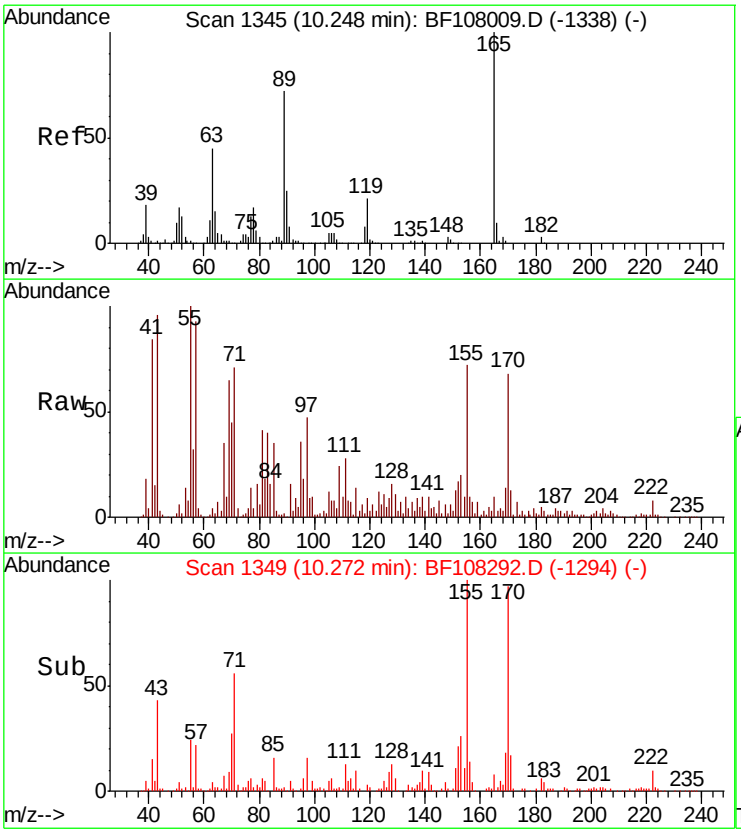
#55
4-Nitrophenol
Concen: 6.148 ng
RT: 10.17 min Scan# 1332
Delta R.T. 0.02 min
Lab File: BF108292.D
Acq: 20 Aug 2018 16:16

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

Tgt Ion:139 Resp: 21976

Ion	Ratio	Lower	Upper
139	100		
109	331.7	48.4	88.4#
65	91.9	72.6	112.6

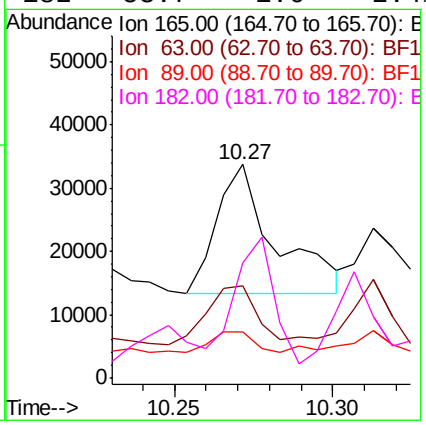


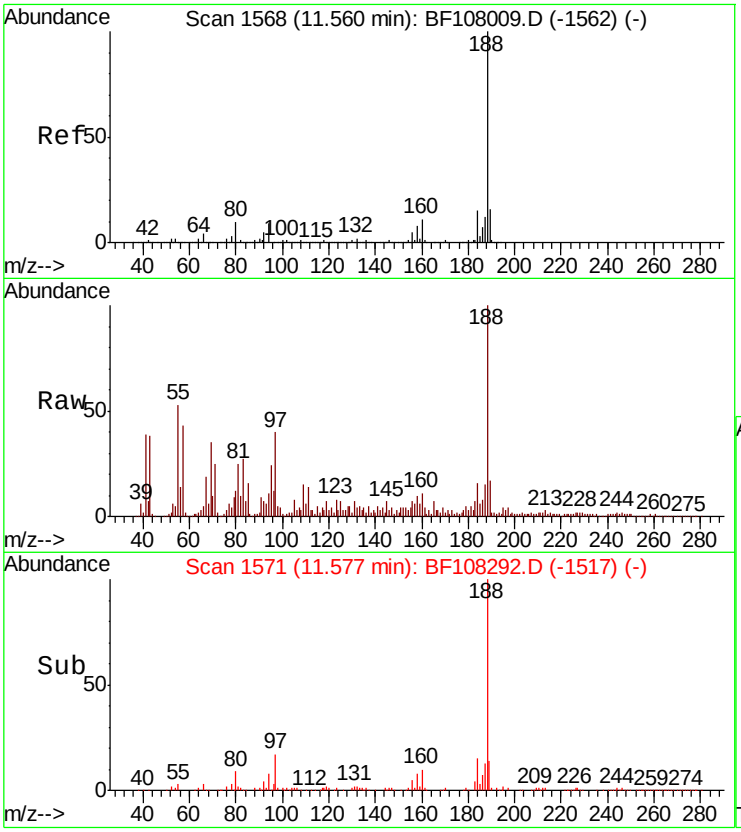


#56
2,4-Dinitrotoluene
Concen: 4.667 ng
RT: 10.27 min Scan# 1349
Delta R.T. 0.02 min
Lab File: BF108292.D
Acq: 20 Aug 2018 16:16

Tgt Ion:165 Resp: 25918

Ion	Ratio	Lower	Upper
165	100		
63	43.1	36.4	54.6
89	21.6	57.8	86.6#
182	53.7	1.6	2.4#



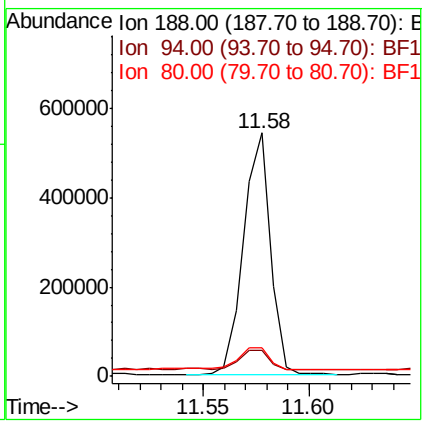


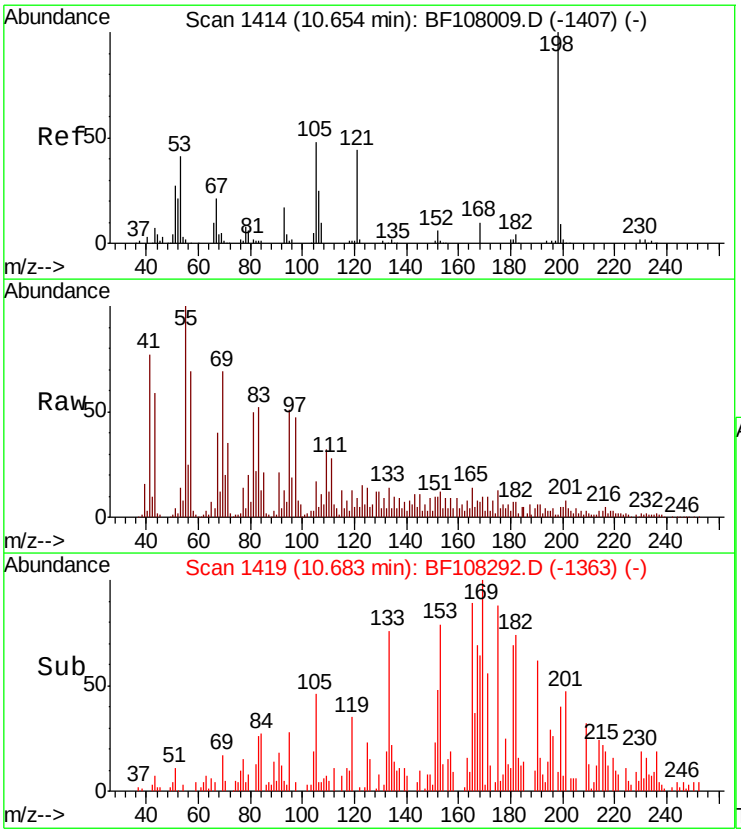
#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.58 min Scan# 1571
Delta R.T. 0.02 min
Lab File: BF108292.D
Acq: 20 Aug 2018 16:16

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

Tgt Ion:188 Resp: 477243

Ion	Ratio	Lower	Upper
188	100		
94	10.6	8.5	12.7
80	11.7	9.2	13.8

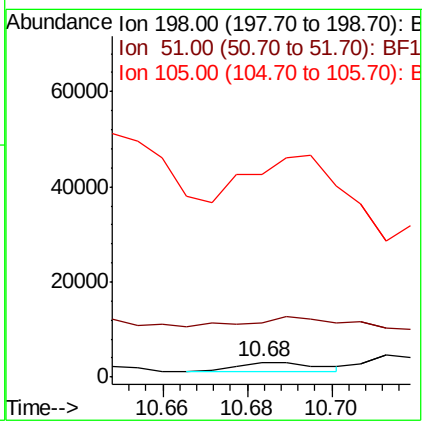


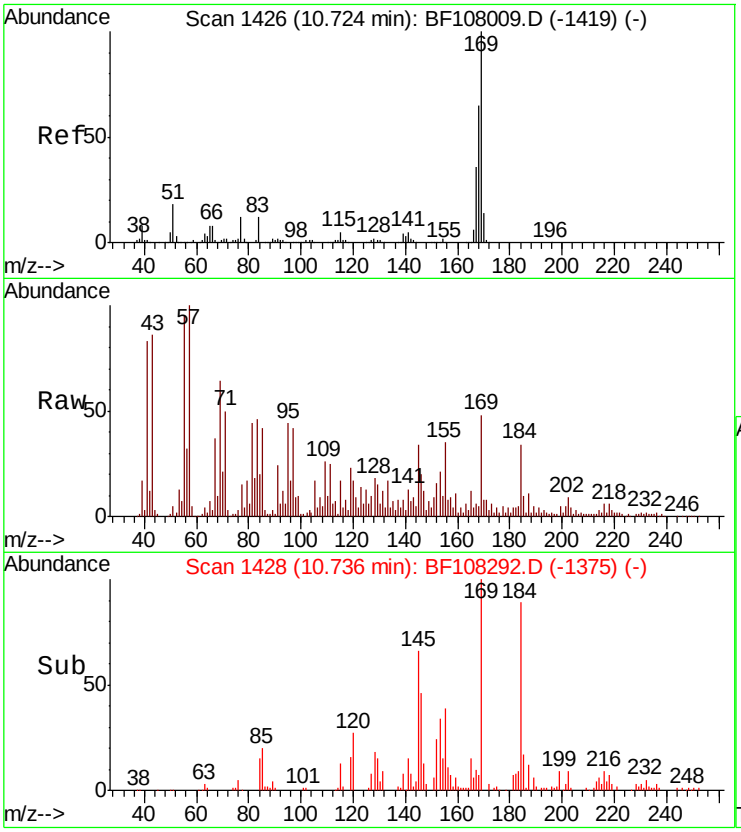


#64
4,6-Dinitro-2-methylphenol
Concen: 6.603 ng
RT: 10.68 min Scan# 1419
Delta R.T. 0.03 min
Lab File: BF108292.D
Acq: 20 Aug 2018 16:16

Tgt Ion:198 Resp: 2510

Ion	Ratio	Lower	Upper
198	100		
51	368.8	37.7	77.7#
105	1372.8	36.3	76.3#



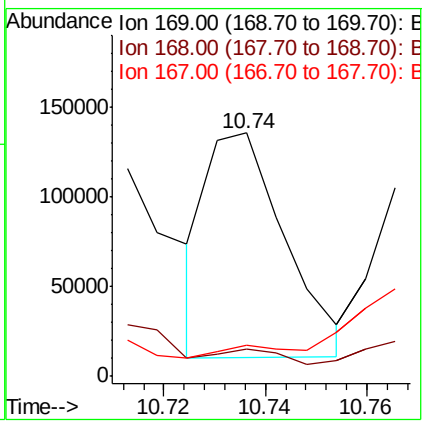


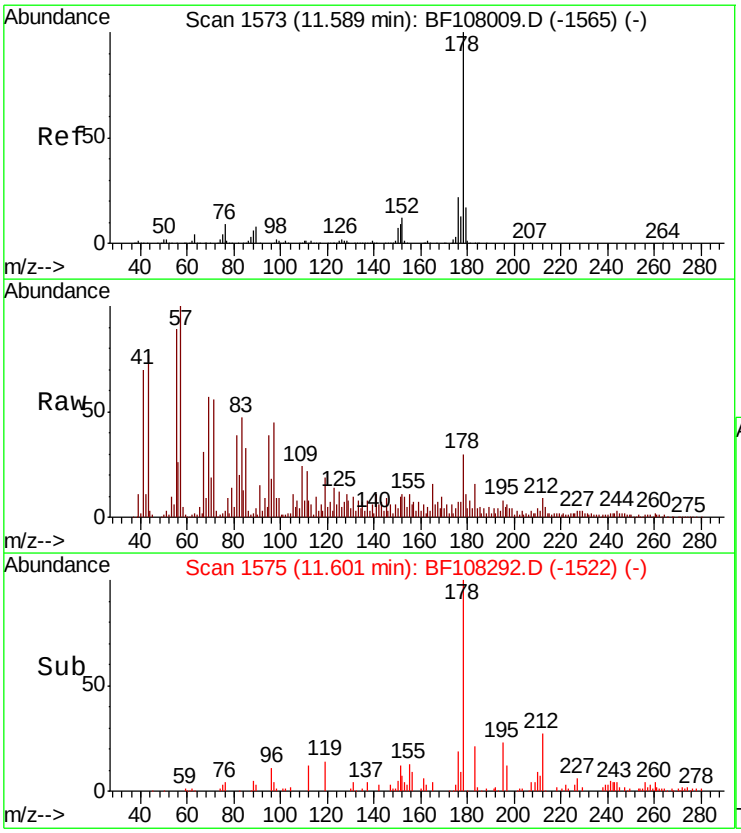
#65
n-Nitrosodiphenylamine
Concen: 9.547 ng
RT: 10.74 min Scan# 1428
Delta R.T. 0.01 min
Lab File: BF108292.D
Acq: 20 Aug 2018 16:16

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

Tgt Ion:169 Resp: 134644

Ion	Ratio	Lower	Upper
169	100		
168	11.5	54.4	81.6#
167	12.7	29.8	44.6#

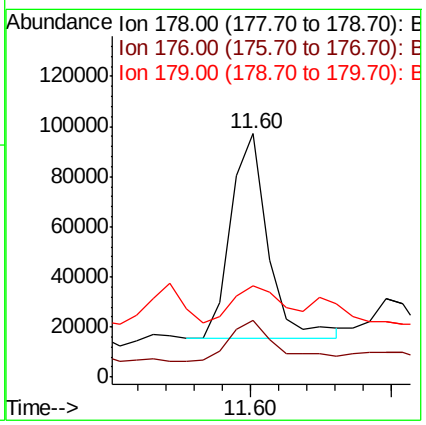


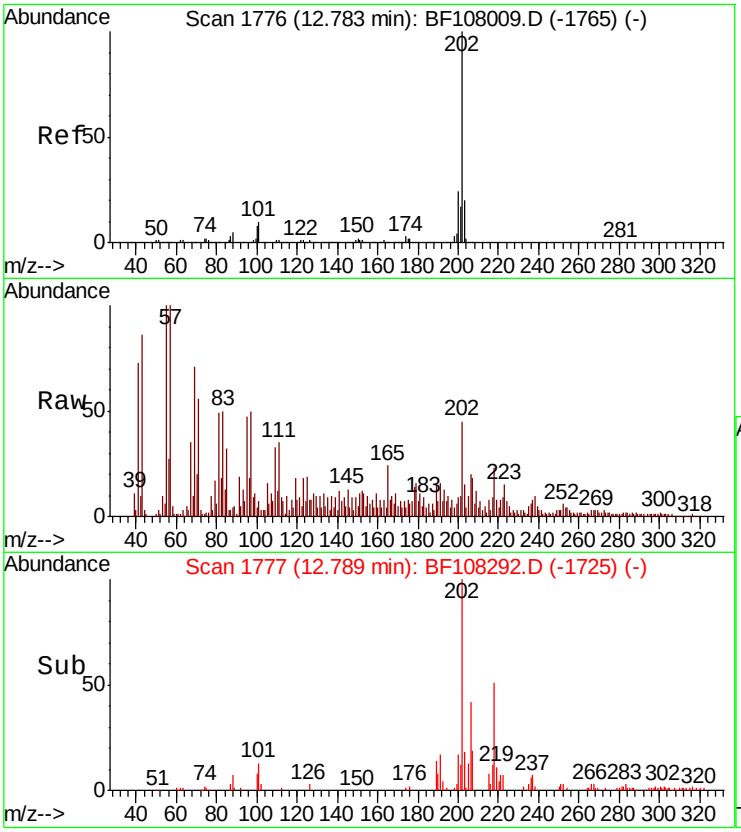


#70
Phenanthrene
Concen: 3.328 ng
RT: 11.60 min Scan# 1575
Delta R.T. 0.01 min
Lab File: BF108292.D
Acq: 20 Aug 2018 16:16

Tgt Ion:178 Resp: 74924

Ion	Ratio	Lower	Upper
178	100		
176	23.3	15.8	23.8
179	37.4	13.0	19.6#



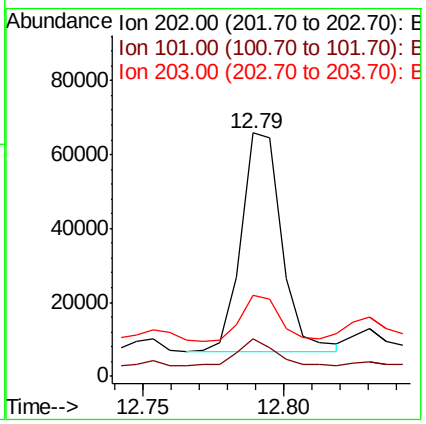


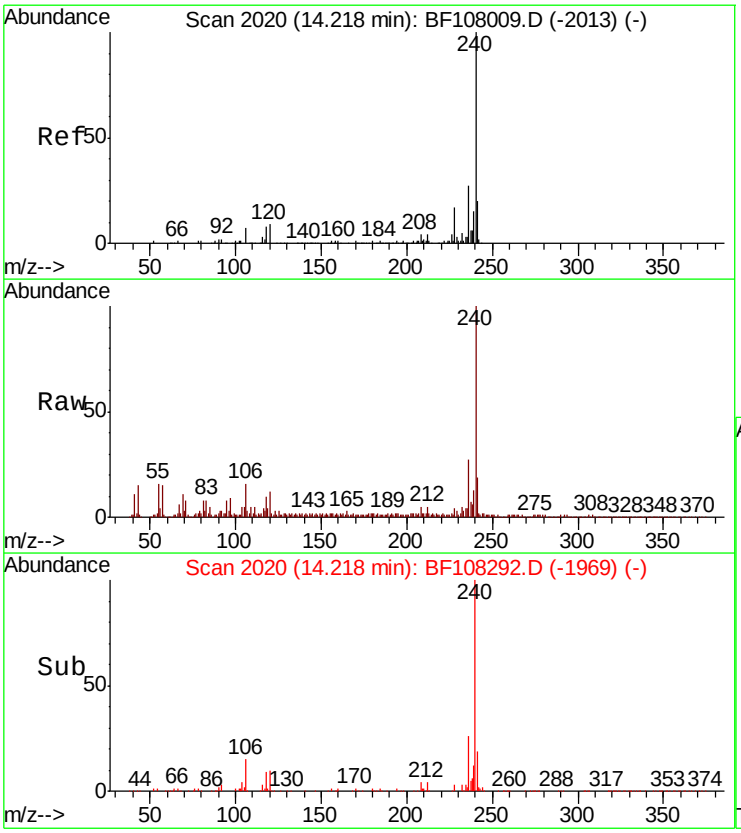
#74
Fluoranthene
Concen: 2.418 ng
RT: 12.79 min Scan# 1777
Delta R.T. 0.01 min
Lab File: BF108292.D
Acq: 20 Aug 2018 16:16

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

Tgt Ion:202 Resp: 59408

Ion	Ratio	Lower	Upper
202	100		
101	15.3	0.0	34.1
203	33.2	0.0	38.1

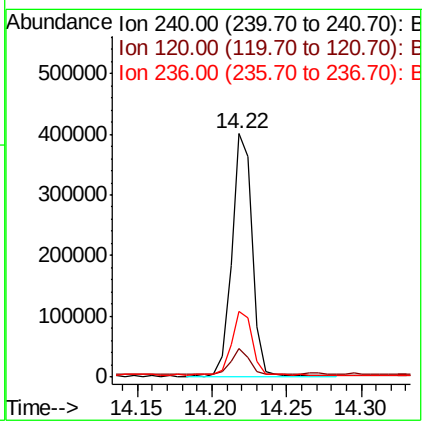


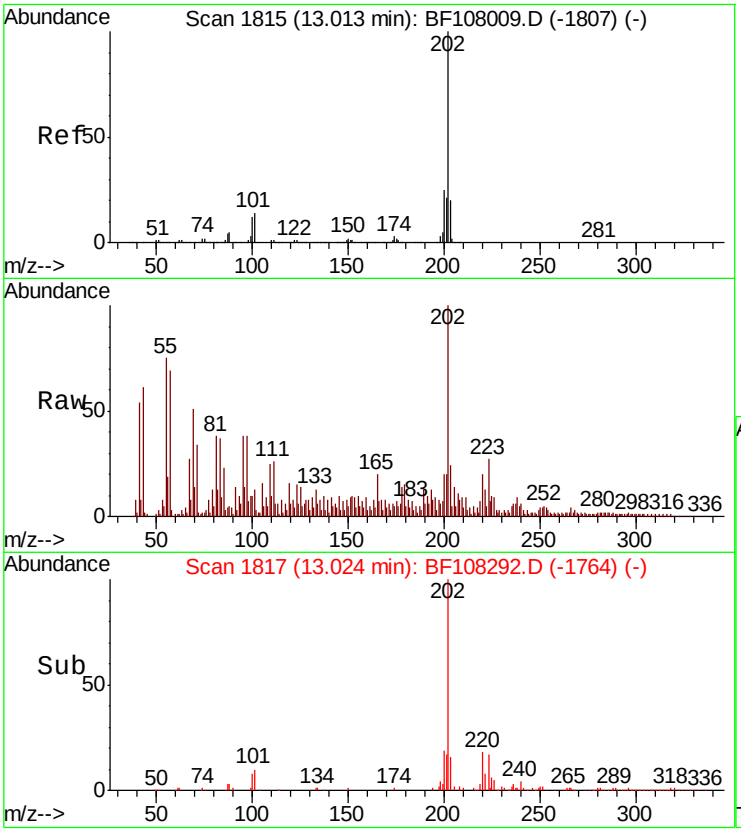


#75
Chrysene-d12
Concen: 20.000 ng
RT: 14.22 min Scan# 2020
Delta R.T. 0.00 min
Lab File: BF108292.D
Acq: 20 Aug 2018 16:16

Tgt Ion:240 Resp: 379048

Ion	Ratio	Lower	Upper
240	100		
120	11.6	9.5	14.3
236	26.9	20.7	31.1



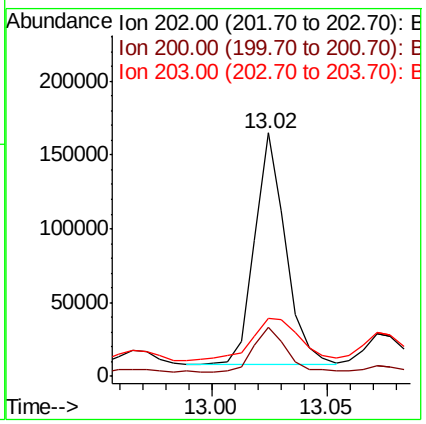


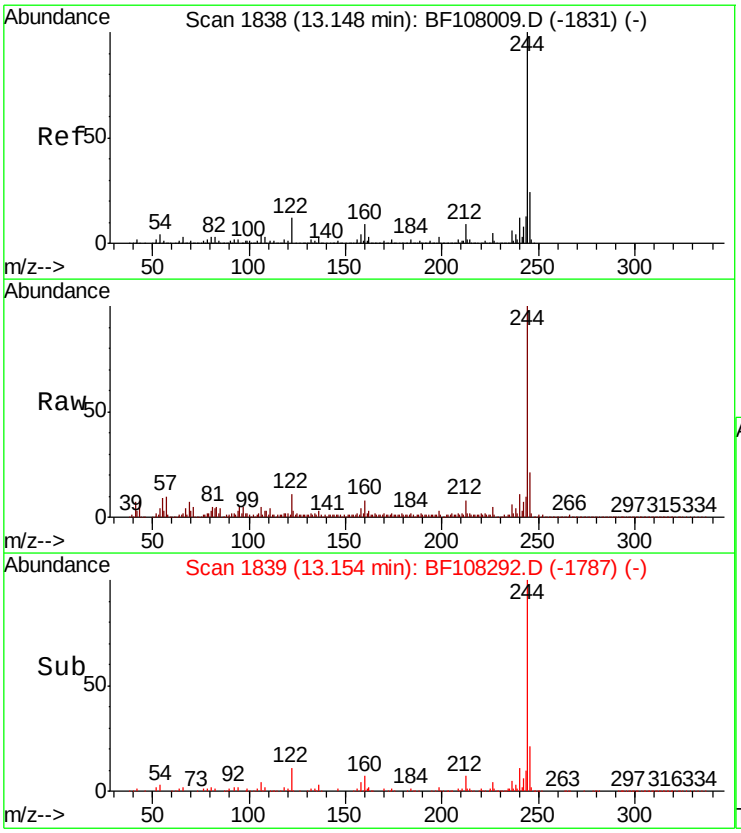
#77
Pyrene
Concen: 6.158 ng
RT: 13.02 min Scan# 1817
Delta R.T. 0.01 min
Lab File: BF108292.D
Acq: 20 Aug 2018 16:16

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

Tgt Ion:202 Resp: 147768

Ion	Ratio	Lower	Upper
202	100		
200	20.2	17.4	26.2
203	23.8	14.3	21.5#

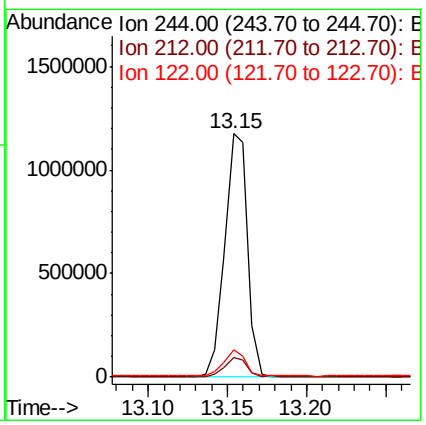


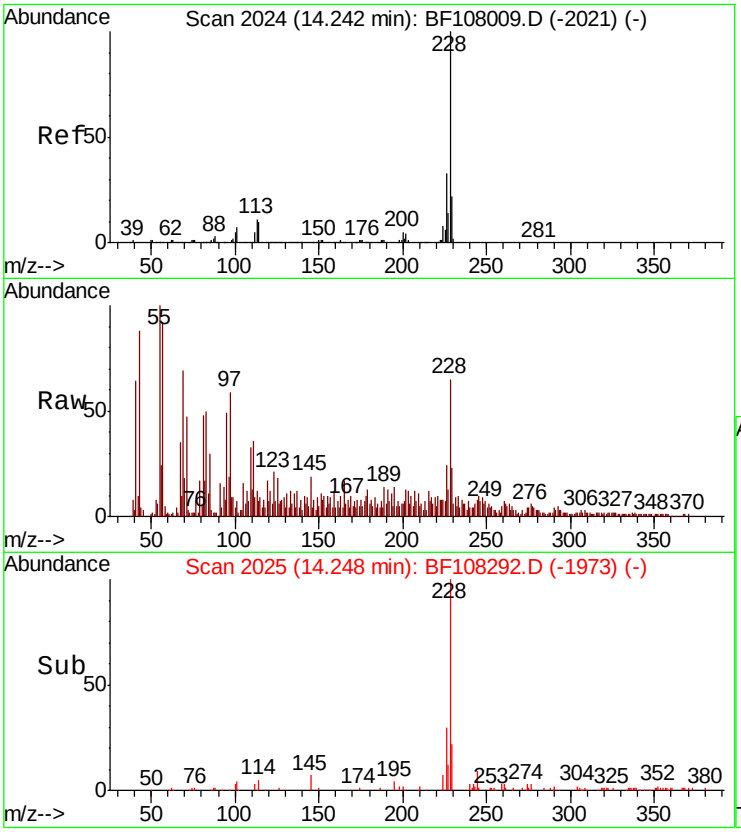


#78
Terphenyl-d14
Concen: 77.859 ng
RT: 13.15 min Scan# 1839
Delta R.T. 0.01 min
Lab File: BF108292.D
Acq: 20 Aug 2018 16:16

Tgt Ion:244 Resp: 1160726

Ion	Ratio	Lower	Upper
244	100		
212	7.9	5.4	8.0
122	11.1	11.0	16.4



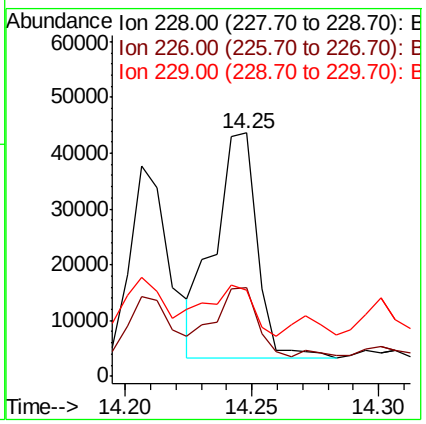


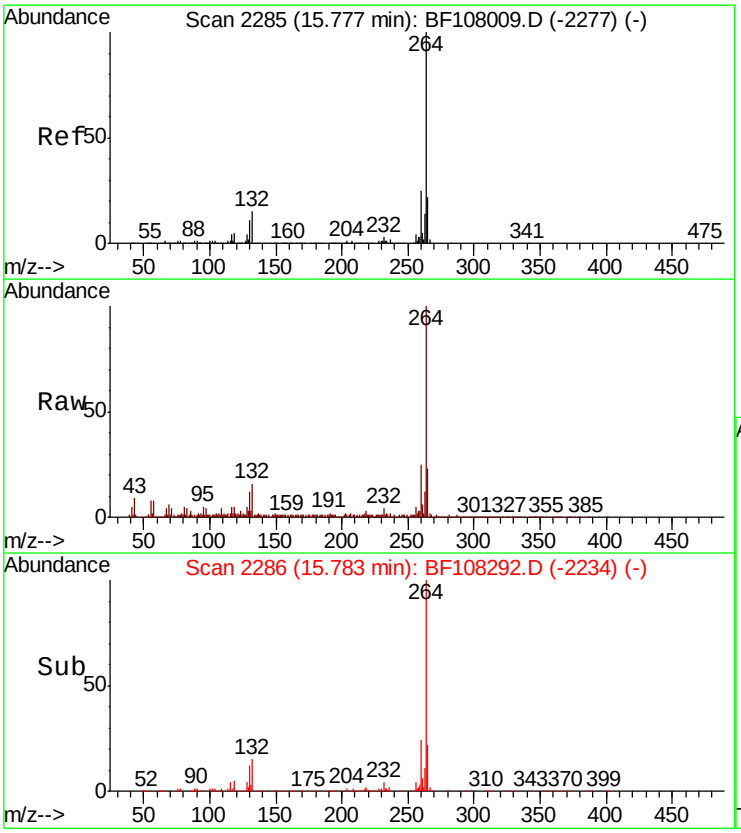
#82
Chrysene
Concen: 2.355 ng
RT: 14.25 min Scan# 2025
Delta R.T. 0.01 min
Lab File: BF108292.D
Acq: 20 Aug 2018 16:16

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

Tgt Ion:228 Resp: 46967

Ion	Ratio	Lower	Upper
228	100		
226	36.5	25.0	37.6
229	35.3	16.2	24.4#





#86
Perylene-d12
Concen: 20.000 ng
RT: 15.78 min Scan# 2286
Delta R.T. 0.01 min
Lab File: BF108292.D
Acq: 20 Aug 2018 16:16

Tgt Ion:264 Resp: 393494

Ion	Ratio	Lower	Upper
264	100		
260	24.8	19.2	28.8
265	22.8	17.5	26.3