Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF120518\
Data File : BF111122.D
Acq On : 5 Dec 2018 22:11
Operator : JU/SJ
Sample : J6134-07
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : DUP-1

Quant Time: Dec 06 01:09:03 2018
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF120518.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Dec 05 17:30:55 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.81	152	486520	20.00	ng		0.00
21) Naphthalene-d8	8.09	136	1627072	20.00	ng		0.00
39) Acenaphthene-d10	9.85	164	733001	20.00	ng		0.01
64) Phenanthrene-d10	11.33	188	1049545	20.00	ng		0.01
76) Chrysene-d12	13.96	240	884391	20.00	ng		0.00
87) Perylene-d12	15.39	264	630828	20.00	ng		0.01
System Monitoring Compounds							
5) 2-Fluorophenol	5.41	112	1516335	48.63	ng		0.00
7) Phenol-d6	6.43	99	1286068	32.02	ng		0.00
23) Nitrobenzene-d5	7.37	82	2369196	86.21	ng		0.00
42) 2,4,6-Tribromophenol	10.63	330	570625	97.94	ng		0.00
45) 2-Fluorobiphenyl	9.17	172	3584387	91.64	ng		0.01
79) Terphenyl-d14	12.92	244	2737848	63.40	ng		0.01
Target Compounds							Qvalue
9) Benzaldehyde	6.37	77	21401	Below Cal		#	1
10) Phenol	6.44	94	241073	5.505	ng		94
18) Hexachloroethane	7.35	117	155331	10.766	ng	#	1
19) n-Nitroso-di-n-propylamine	7.21	70	136857	5.071	ng	#	24
22) Acetophenone	7.21	105	463999	11.801	ng	#	8
25) Isophorone	7.63	82	145320	2.881	ng	#	1
35) Caprolactam	8.53	113	174691	20.541	ng	#	1
36) 4-Chloro-3-methylphenol	8.65	107	54948	2.166	ng	#	23
38) 1-Methylnaphthalene	8.90	142	101436	2.159	ng	#	95
50) Dimethylphthalate	9.56	163	167519	3.284	ng	#	71
51) 2,6-Dinitrotoluene	9.62	165	27065	2.502	ng	#	60
54) 2,4-Dinitrophenol	9.90	184	2042	7.151	ng	#	1
63) Azobenzene	10.77	77	168363	3.102	ng		72
74) Di-n-butylphthalate	11.90	149	131743	2.125	ng	#	89
77) Benzidine	12.59	184	2177	Below Cal		#	1
84) Bis(2-ethylhexyl)phthalate	13.95	149	269118	6.694	ng		97

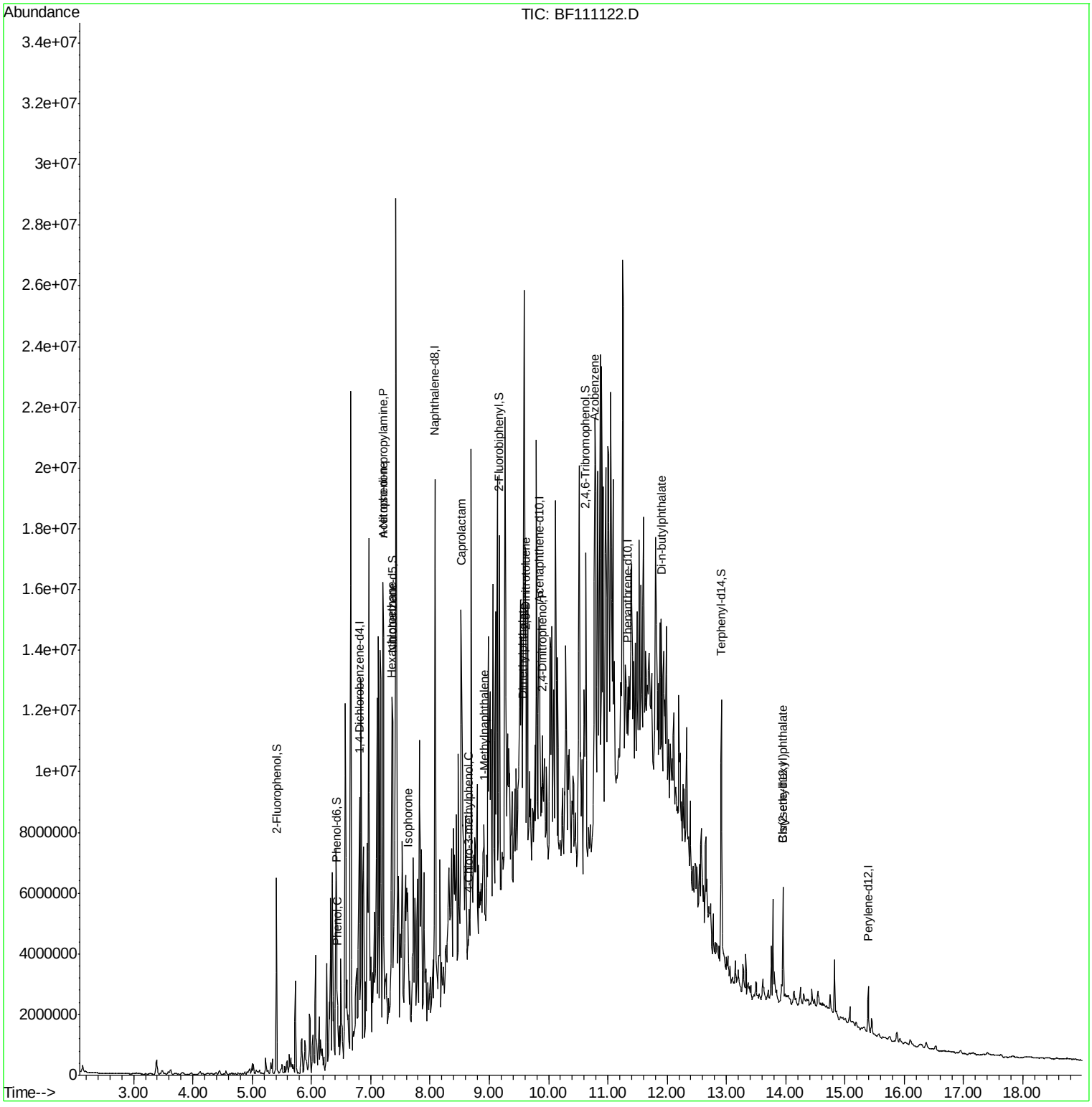
(#) = qualifier out of range (m) = manual integration (+) = signals summed

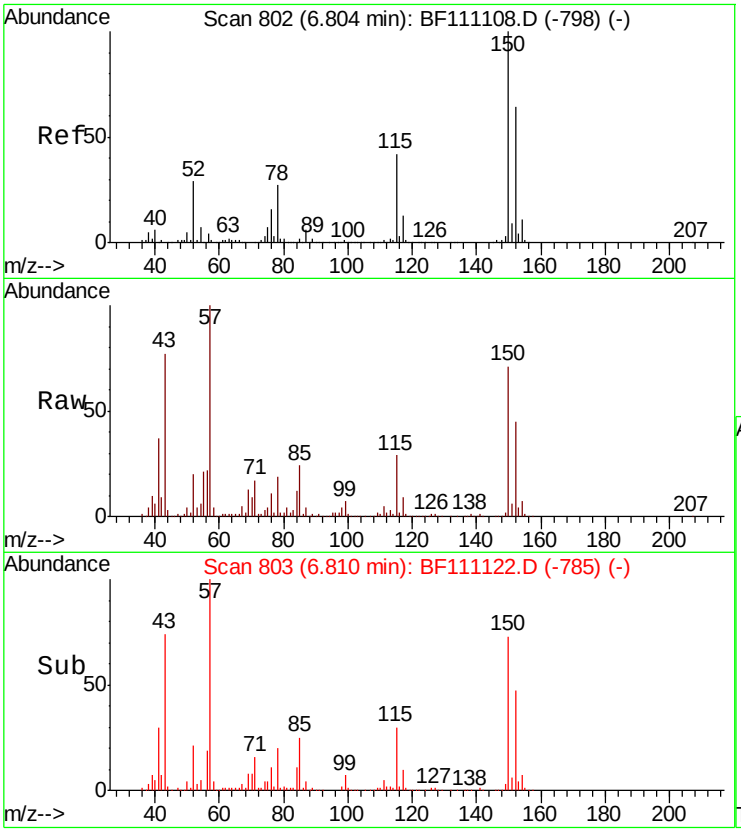
Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF120518\
Data File : BF111122.D
Acq On : 5 Dec 2018 22:11
Operator : JU/SJ
Sample : J6134-07
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
DUP-1

Quant Time: Dec 06 01:09:03 2018
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF120518.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Dec 05 17:30:55 2018
Response via : Initial Calibration



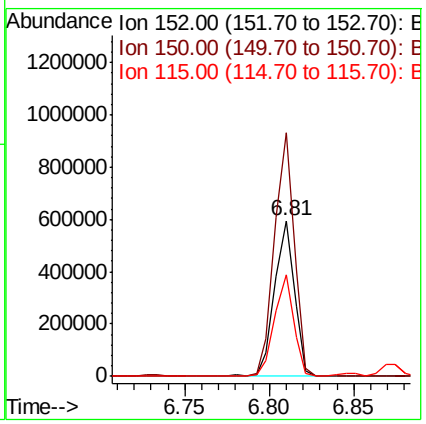


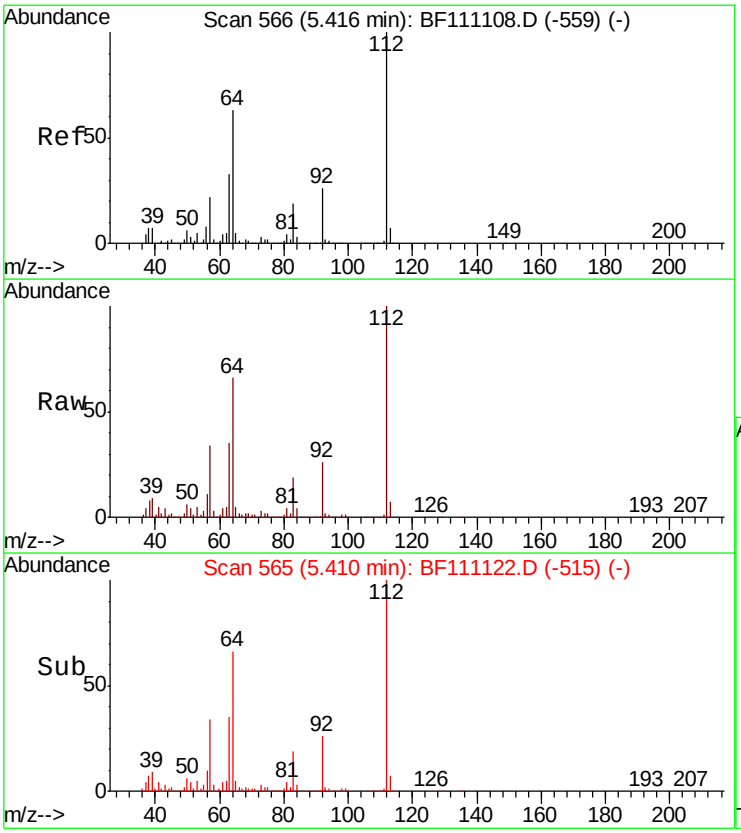
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.81 min Scan# 803
Delta R.T. 0.01 min
Lab File: BF111122.D
Acq: 5 Dec 2018 22:11

Instrument :
BNA_F
ClientSampleId :
DUP-1

Tgt Ion:152 Resp: 486520

Ion	Ratio	Lower	Upper
152	100		
150	156.1	124.6	187.0
115	64.7	52.2	78.2

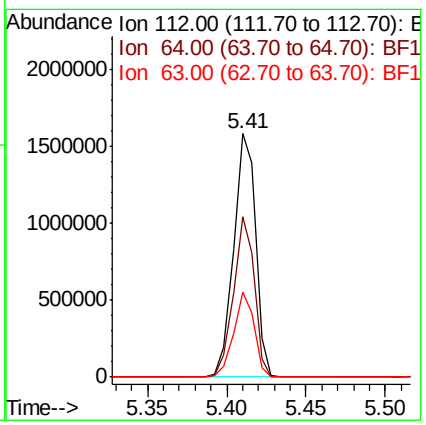


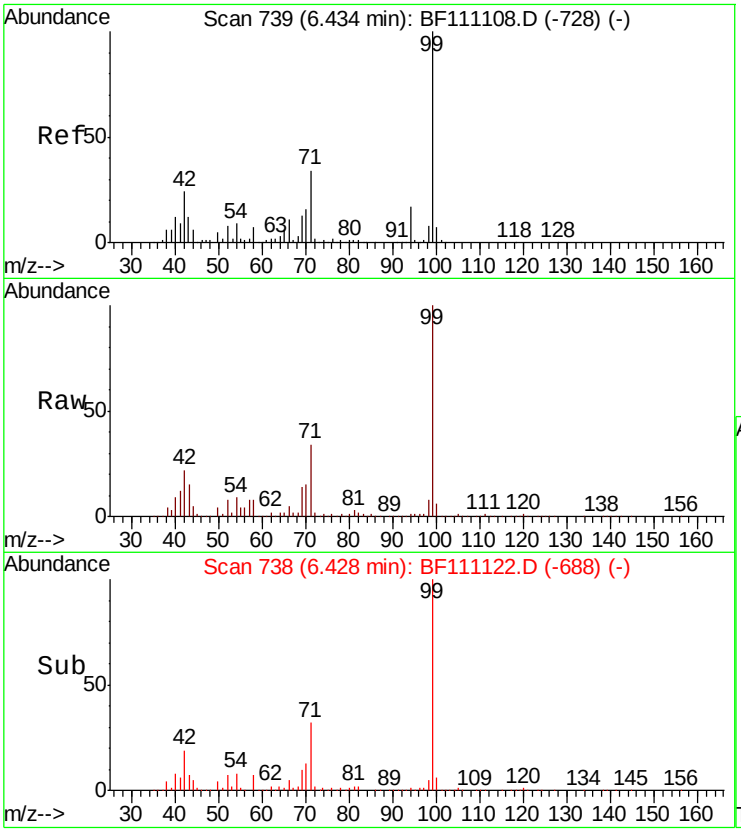


#5
2-Fluorophenol
Concen: 48.635 ng
RT: 5.41 min Scan# 565
Delta R.T. -0.01 min
Lab File: BF111122.D
Acq: 5 Dec 2018 22:11

Tgt Ion:112 Resp: 1516335

Ion	Ratio	Lower	Upper
112	100		
64	66.1	50.2	75.4
63	34.9	26.6	39.8



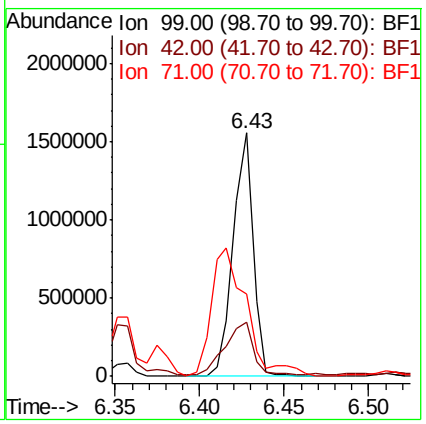


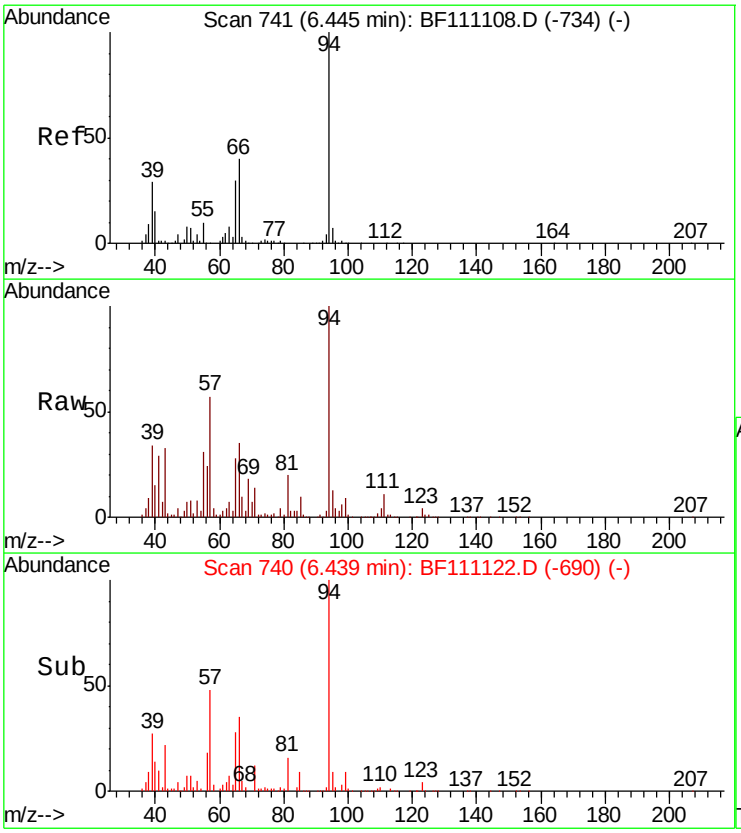
#7
Phenol-d6
Concen: 32.021 ng
RT: 6.43 min Scan# 738
Delta R.T. -0.01 min
Lab File: BF111122.D
Acq: 5 Dec 2018 22:11

Instrument :
BNA_F
ClientSampleId :
DUP-1

Tgt Ion: 99 Resp: 1286068

Ion	Ratio	Lower	Upper
99	100		
42	22.5	19.3	28.9
71	33.8	27.4	41.2

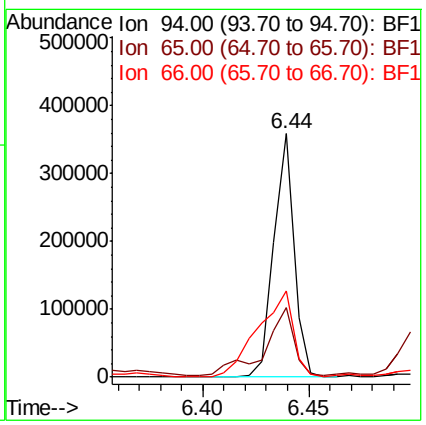


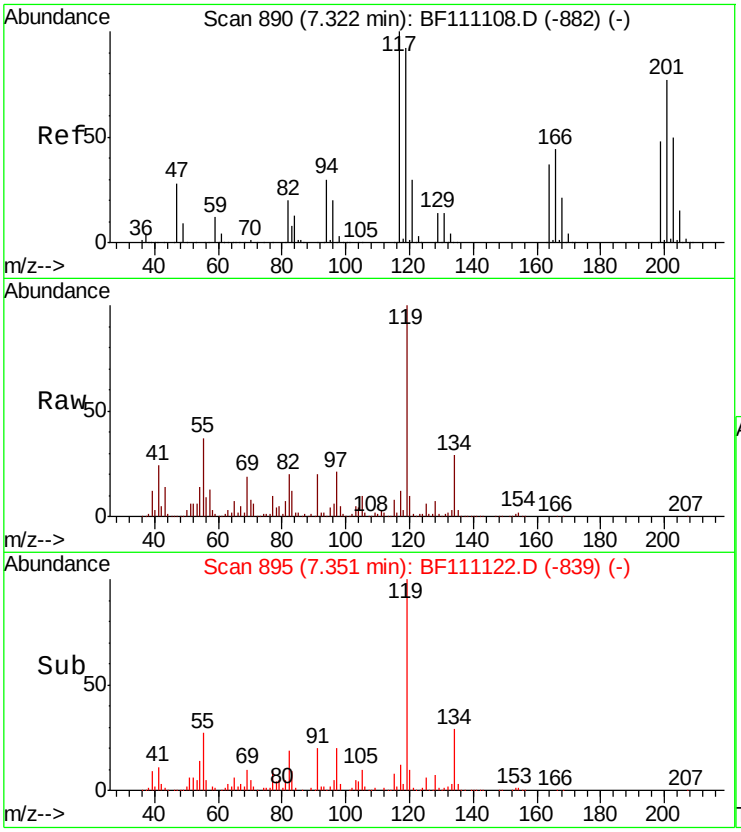


#10
Phenol
Concen: 5.505 ng
RT: 6.44 min Scan# 740
Delta R.T. -0.01 min
Lab File: BF111122.D
Acq: 5 Dec 2018 22:11

Tgt Ion: 94 Resp: 241073

Ion	Ratio	Lower	Upper
94	100		
65	28.4	10.5	50.5
66	35.3	19.8	59.8



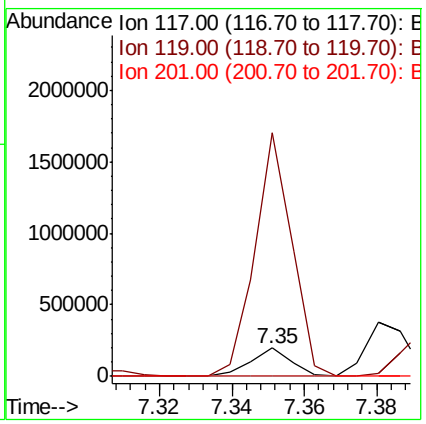


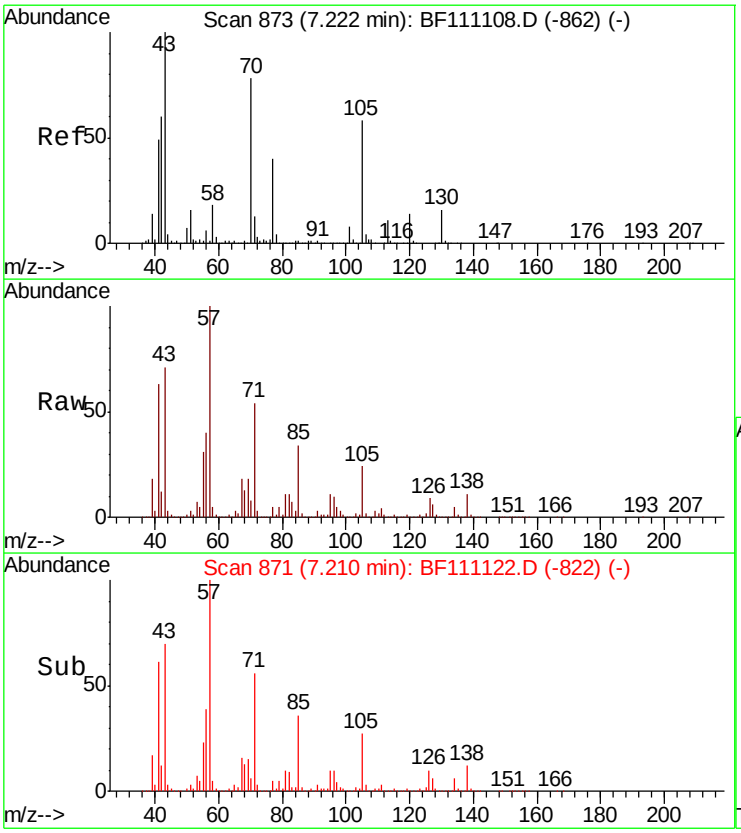
#18
Hexachloroethane
Concen: 10.766 ng
RT: 7.35 min Scan# 895
Delta R.T. 0.03 min
Lab File: BF111122.D
Acq: 5 Dec 2018 22:11

Instrument :
BNA_F
ClientSampleId :
DUP-1

Tgt Ion:117 Resp: 155331

Ion	Ratio	Lower	Upper
117	100		
119	861.9	73.8	110.6#
201	0.0	61.2	91.8#

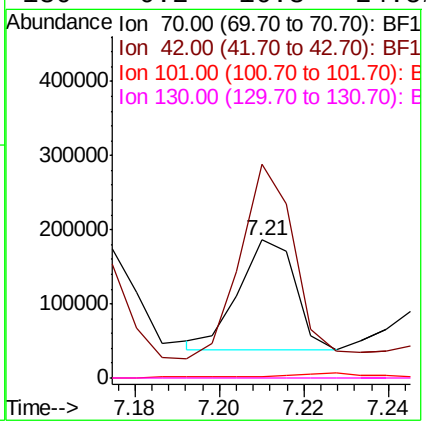


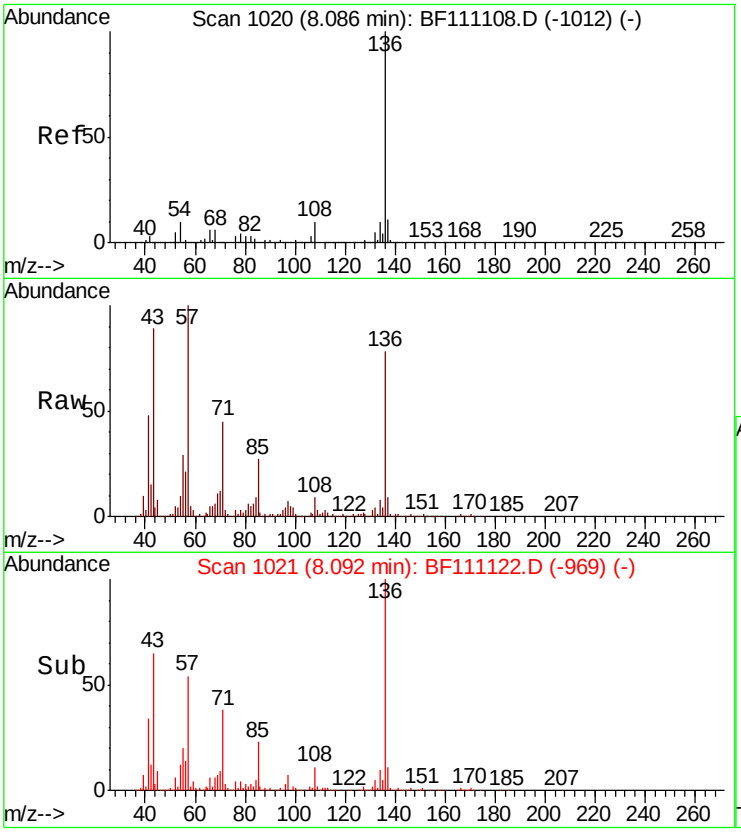


#19
n-Nitroso-di-n-propylamine
Concen: 5.071 ng
RT: 7.21 min Scan# 871
Delta R.T. -0.01 min
Lab File: BF111122.D
Acq: 5 Dec 2018 22:11

Tgt Ion: 70 Resp: 136857

Ion	Ratio	Lower	Upper
70	100		
42	154.7	61.3	91.9#
101	1.1	7.7	11.5#
130	0.2	16.3	24.5#



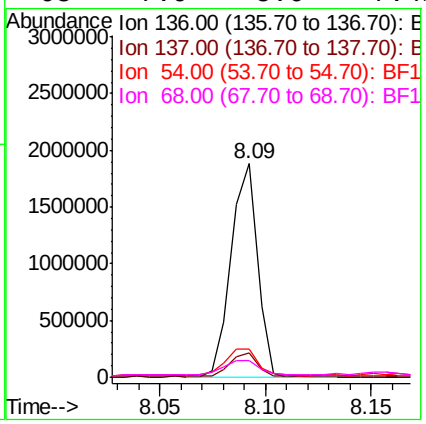


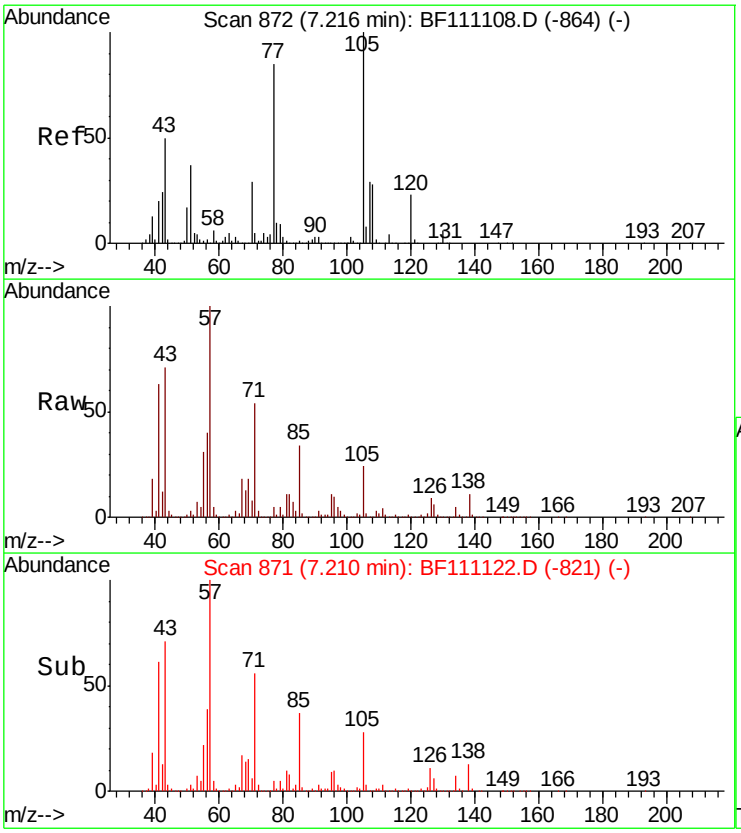
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.09 min Scan# 1021
Delta R.T. 0.01 min
Lab File: BF111122.D
Acq: 5 Dec 2018 22:11

Instrument :
BNA_F
ClientSampleId :
DUP-1

Tgt Ion:136 Resp: 1627072

Ion	Ratio	Lower	Upper
136	100		
137	11.6	9.0	13.6
54	13.2	8.4	12.6#
68	7.9	5.0	7.4#

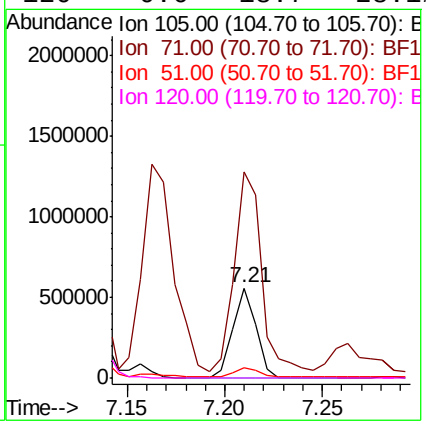


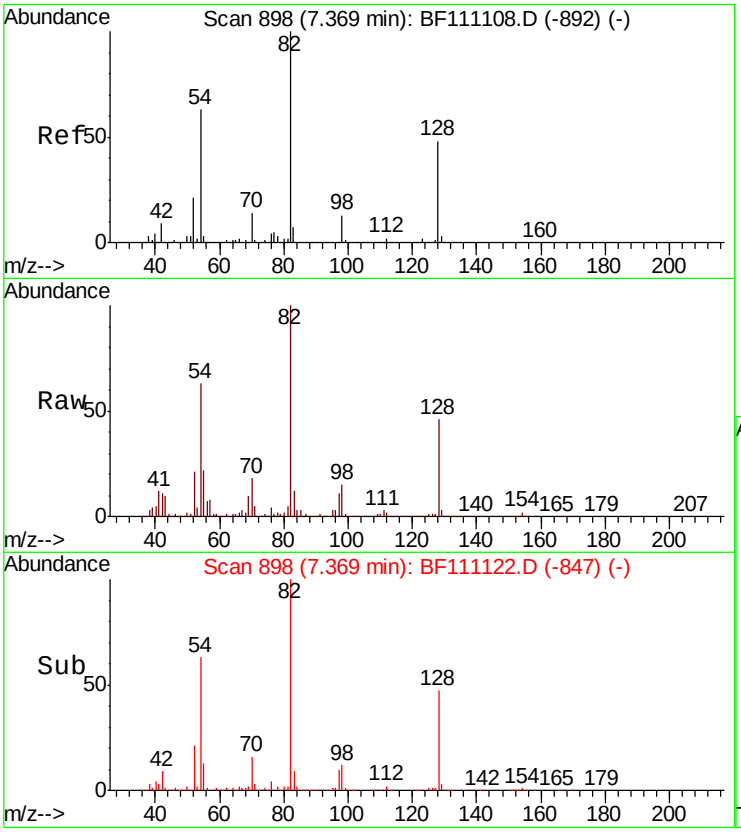


#22
Acetophenone
Concen: 11.801 ng
RT: 7.21 min Scan# 871
Delta R.T. -0.01 min
Lab File: BF111122.D
Acq: 5 Dec 2018 22:11

Tgt Ion:105 Resp: 463999

Ion	Ratio	Lower	Upper
105	100		
71	227.9	4.0	6.0#
51	11.4	29.8	44.8#
120	0.6	18.7	28.1#



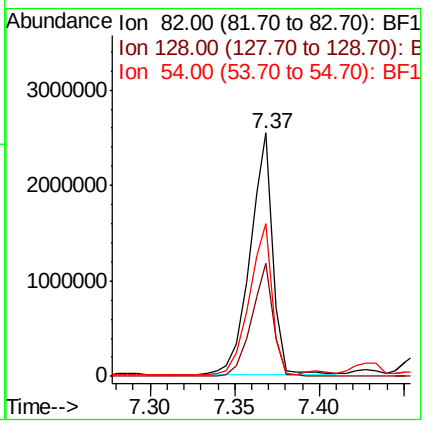


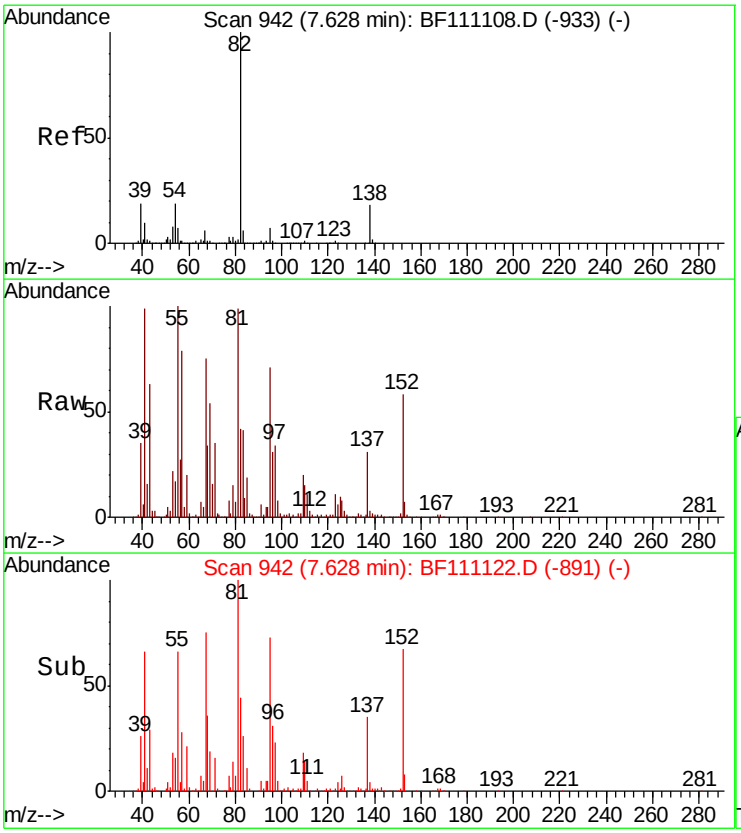
#23
Nitrobenzene-d5
Concen: 86.207 ng
RT: 7.37 min Scan# 898
Delta R.T. -0.00 min
Lab File: BF111122.D
Acq: 5 Dec 2018 22:11

Instrument :
BNA_F
ClientSampleId :
DUP-1

Tgt Ion: 82 Resp: 2369196

Ion	Ratio	Lower	Upper
82	100		
128	46.3	38.1	57.1
54	62.9	50.3	75.5

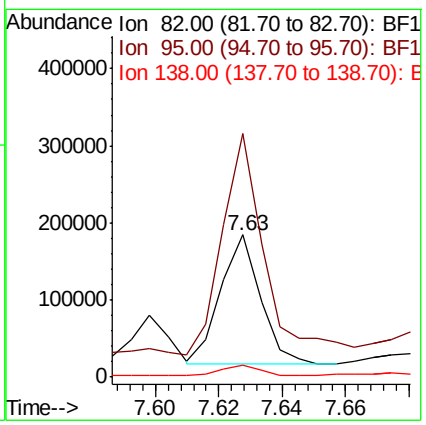


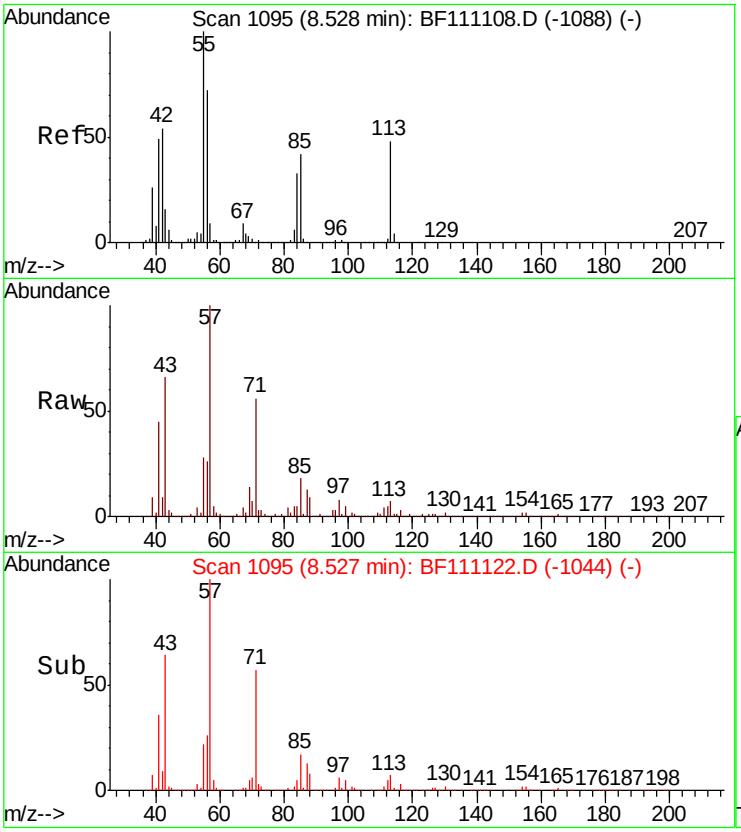


#25
Isophorone
Concen: 2.881 ng
RT: 7.63 min Scan# 942
Delta R.T. -0.00 min
Lab File: BF111122.D
Acq: 5 Dec 2018 22:11

Tgt Ion: 82 Resp: 145320

Ion	Ratio	Lower	Upper
82	100		
95	171.5	5.6	8.4#
138	8.1	14.6	22.0#



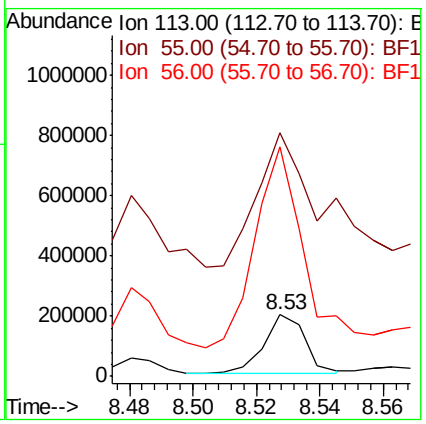


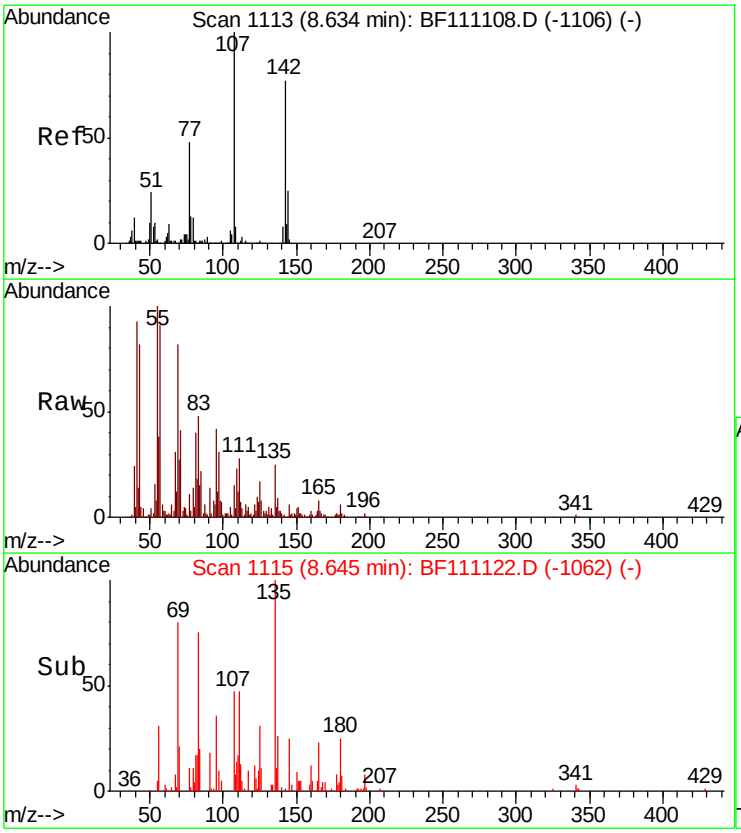
#35
Caprolactam
Concen: 20.541 ng
RT: 8.53 min Scan# 1095
Delta R.T. -0.00 min
Lab File: BF111122.D
Acq: 5 Dec 2018 22:11

Instrument :
BNA_F
ClientSampleId :
DUP-1

Tgt Ion:113 Resp: 174691

Ion	Ratio	Lower	Upper
113	100		
55	395.5	190.6	230.6#
56	373.4	130.9	170.9#

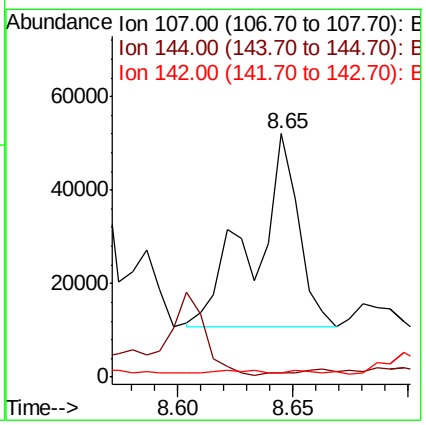


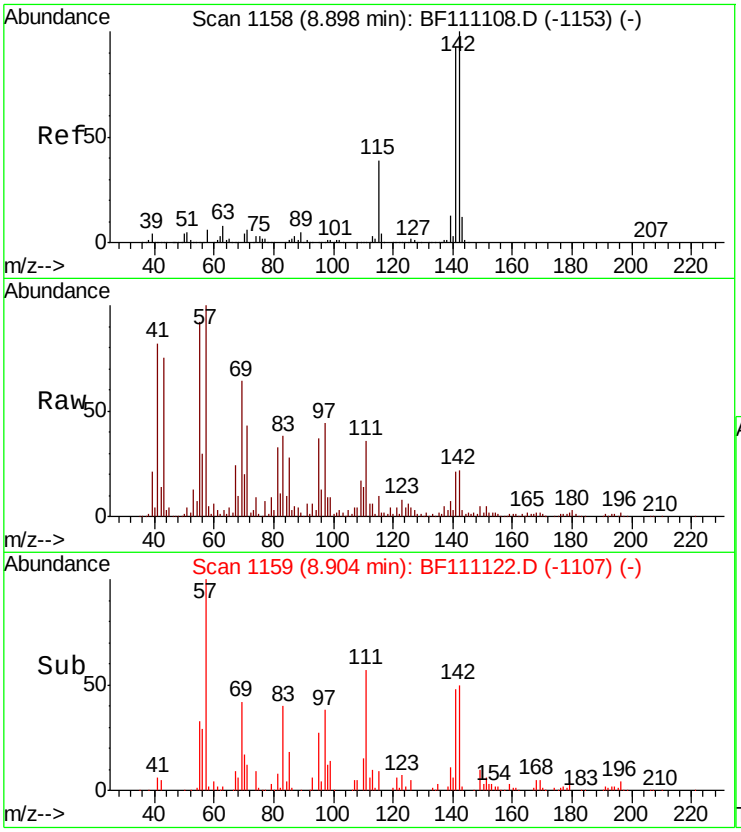


#36
4-Chloro-3-methylphenol
Concen: 2.166 ng
RT: 8.65 min Scan# 1115
Delta R.T. 0.01 min
Lab File: BF111122.D
Acq: 5 Dec 2018 22:11

Tgt Ion:107 Resp: 54948

Ion	Ratio	Lower	Upper
107	100		
144	1.7	19.9	29.9#
142	1.9	61.4	92.0#



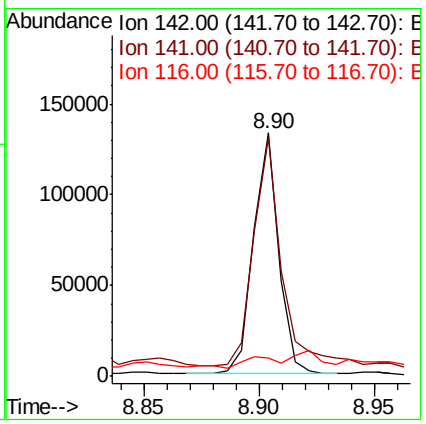


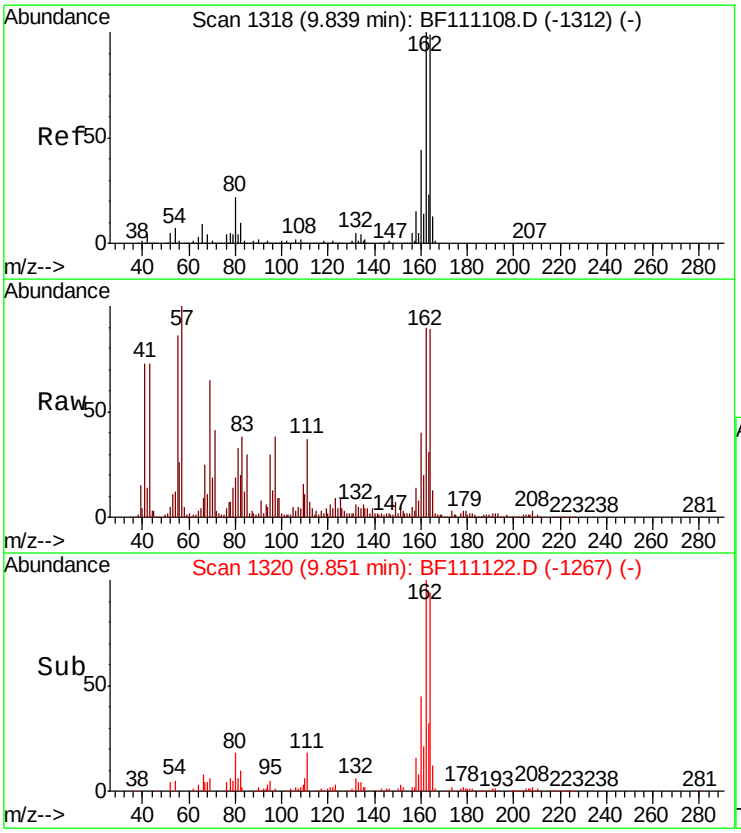
#38
1-Methylnaphthalene
Concen: 2.159 ng
RT: 8.90 min Scan# 1159
Delta R.T. 0.01 min
Lab File: BF111122.D
Acq: 5 Dec 2018 22:11

Instrument :
BNA_F
ClientSampleId :
DUP-1

Tgt Ion:142 Resp: 101436

Ion	Ratio	Lower	Upper
142	100		
141	97.9	74.5	111.7
116	7.3	3.2	4.8#

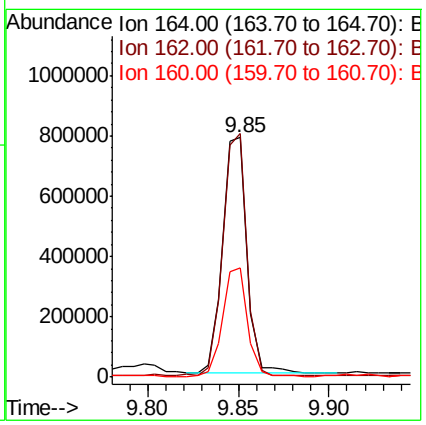


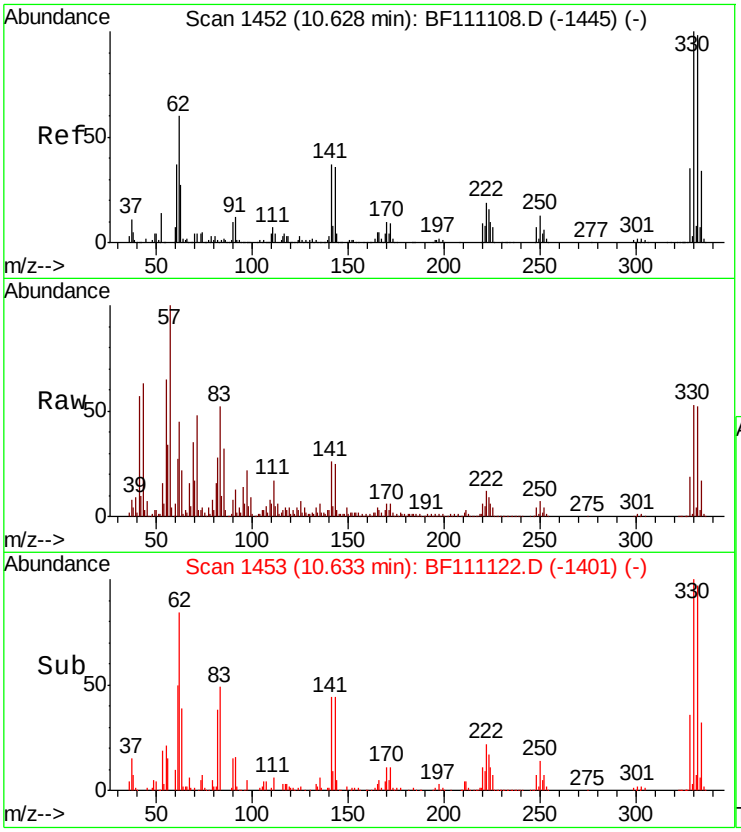


#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.85 min Scan# 1320
Delta R.T. 0.01 min
Lab File: BF111122.D
Acq: 5 Dec 2018 22:11

Tgt Ion:164 Resp: 733001

Ion	Ratio	Lower	Upper
164	100		
162	101.6	80.6	120.8
160	45.6	35.5	53.3



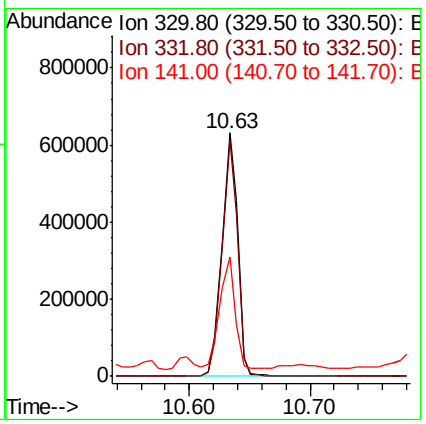


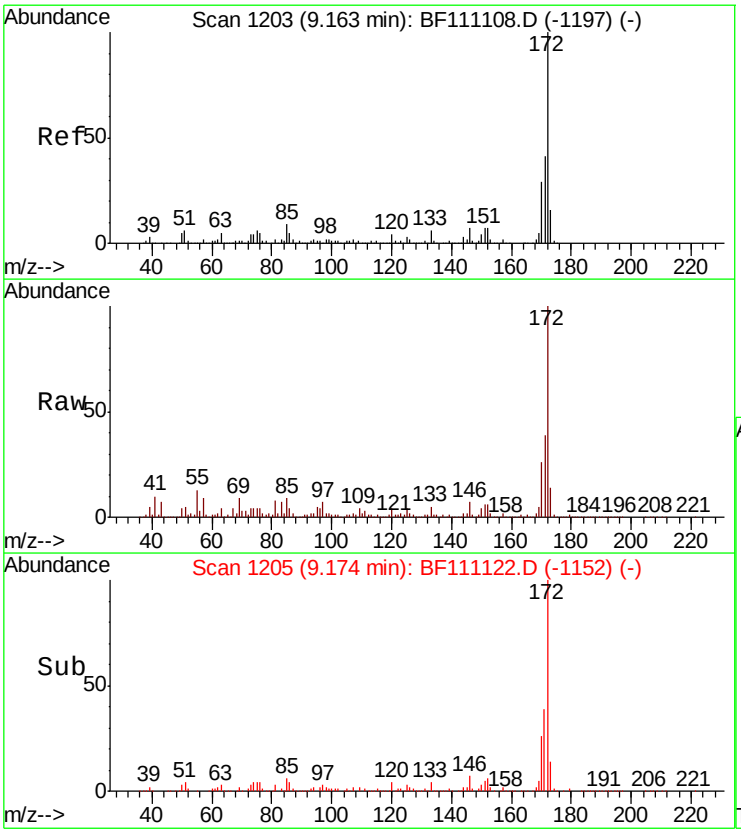
#42
2,4,6-Tribromophenol
Concen: 97.936 ng
RT: 10.63 min Scan# 1453
Delta R.T. 0.01 min
Lab File: BF111122.D
Acq: 5 Dec 2018 22:11

Instrument :
BNA_F
ClientSampleId :
DUP-1

Tgt Ion:330 Resp: 570625

Ion	Ratio	Lower	Upper
330	100		
332	95.1	77.2	115.8
141	44.0	36.1	54.1

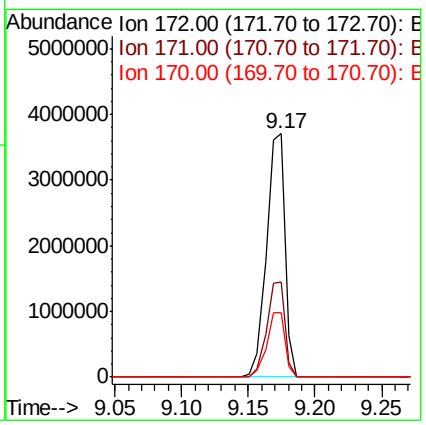


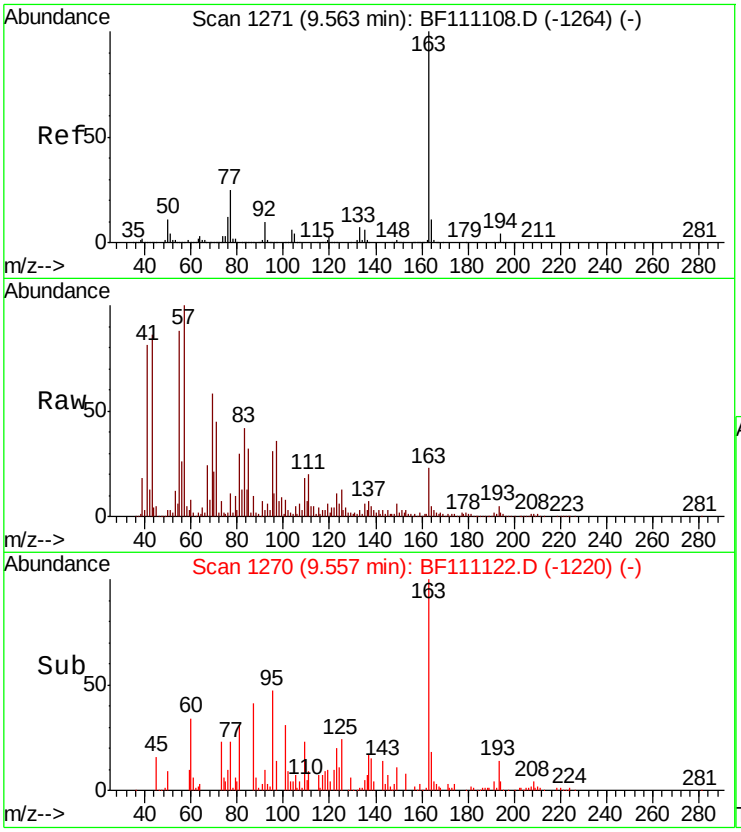


#45
2-Fluorobiphenyl
Concen: 91.640 ng
RT: 9.17 min Scan# 1205
Delta R.T. 0.01 min
Lab File: BF111122.D
Acq: 5 Dec 2018 22:11

Tgt Ion:172 Resp: 3584387

Ion	Ratio	Lower	Upper
172	100		
171	39.3	33.2	49.8
170	26.4	22.9	34.3



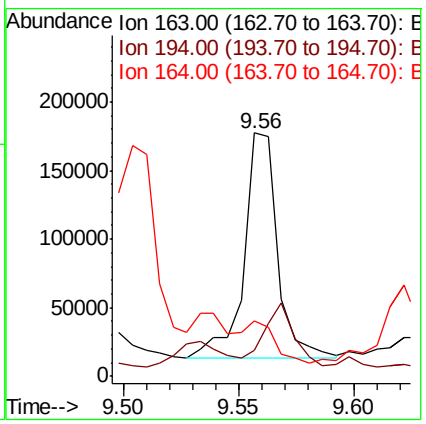


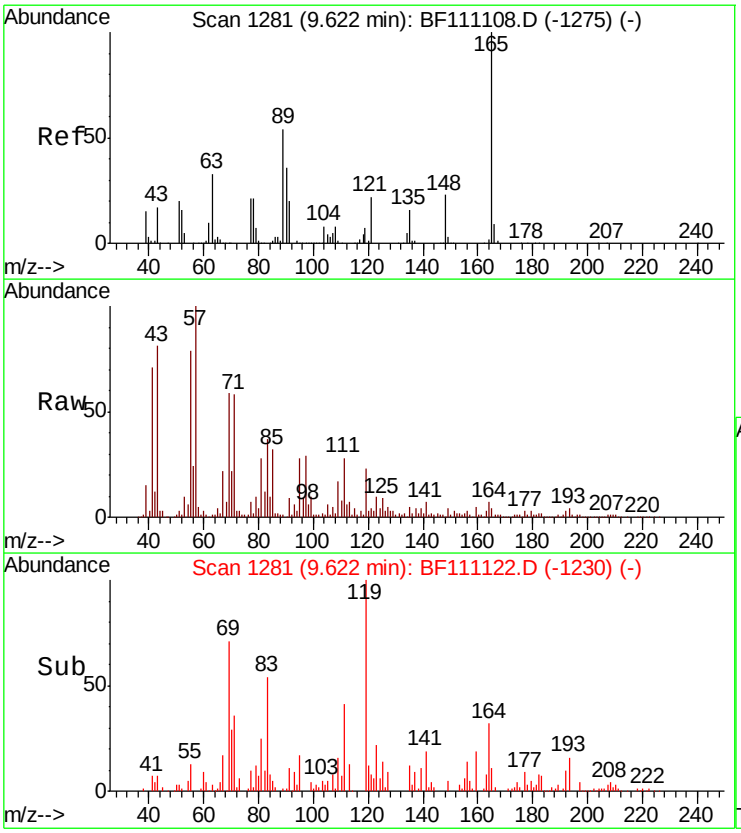
#50
Dimethylphthalate
Concen: 3.284 ng
RT: 9.56 min Scan# 1270
Delta R.T. -0.01 min
Lab File: BF111122.D
Acq: 5 Dec 2018 22:11

Instrument :
BNA_F
ClientSampleId :
DUP-1

Tgt Ion:163 Resp: 167519

Ion	Ratio	Lower	Upper
163	100		
194	10.8	3.0	4.4#
164	22.9	8.9	13.3#

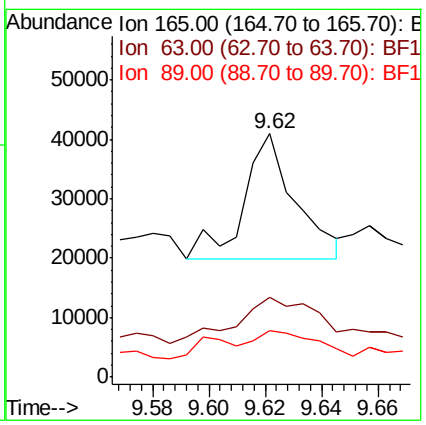


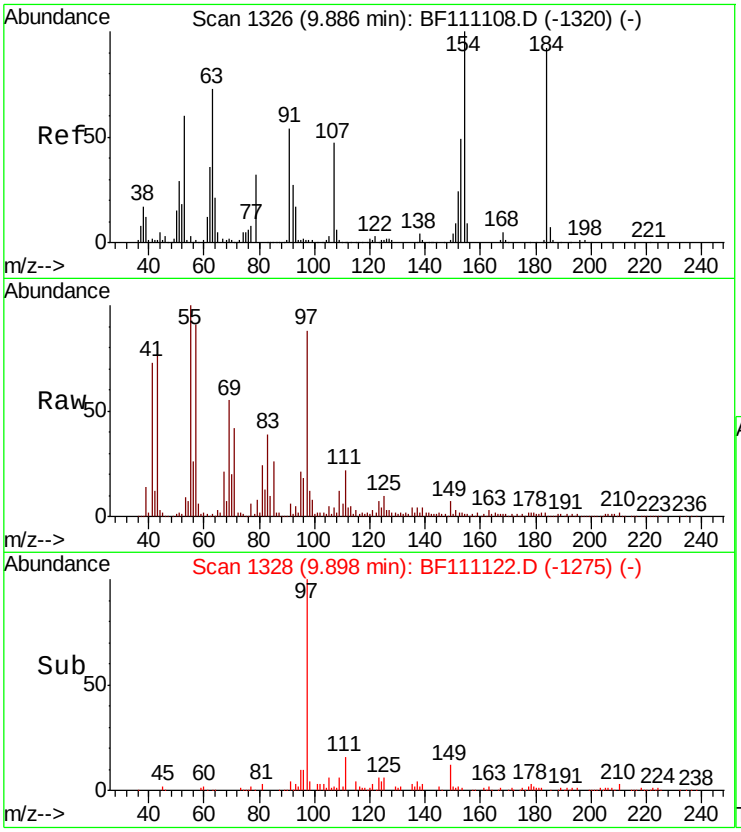


#51
2,6-Dinitrotoluene
Concen: 2.502 ng
RT: 9.62 min Scan# 1281
Delta R.T. -0.00 min
Lab File: BF111122.D
Acq: 5 Dec 2018 22:11

Tgt Ion:165 Resp: 27065

Ion	Ratio	Lower	Upper
165	100		
63	32.6	44.7	67.1#
89	19.2	43.0	64.4#



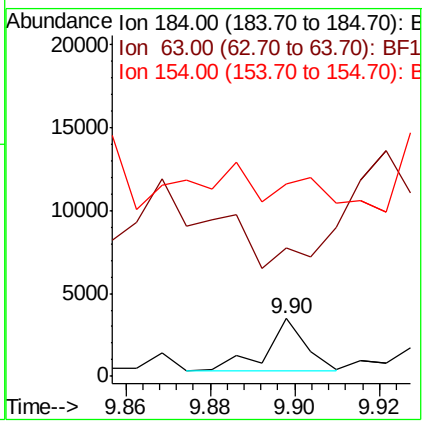


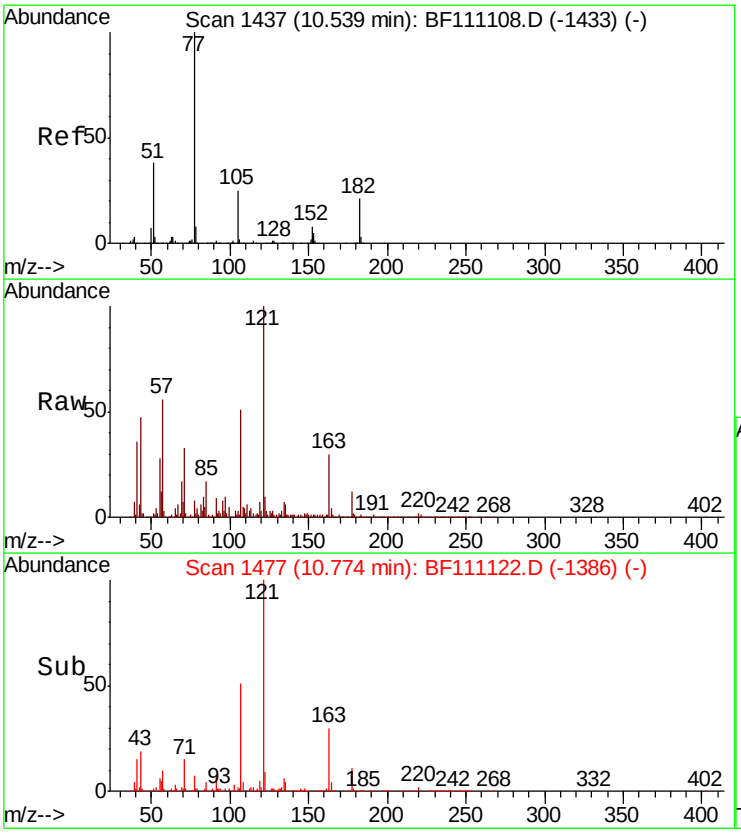
#54
2,4-Dinitrophenol
Concen: 7.151 ng
RT: 9.90 min Scan# 1328
Delta R.T. 0.01 min
Lab File: BF111122.D
Acq: 5 Dec 2018 22:11

Instrument :
BNA_F
ClientSampleId :
DUP-1

Tgt Ion:184 Resp: 2042

Ion	Ratio	Lower	Upper
184	100		
63	224.2	64.2	96.4#
154	334.8	89.5	134.3#

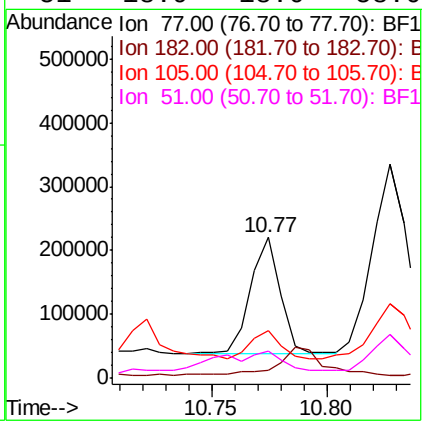


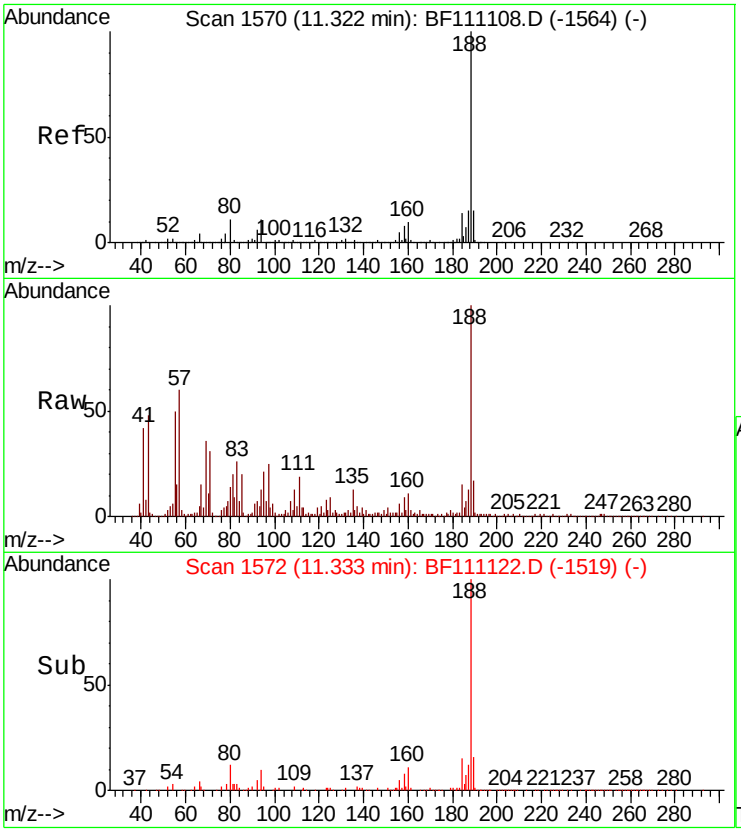


#63
Azobenzene
Concen: 3.102 ng
RT: 10.77 min Scan# 1477
Delta R.T. 0.24 min
Lab File: BF111122.D
Acq: 5 Dec 2018 22:11

Tgt Ion: 77 Resp: 168363

Ion	Ratio	Lower	Upper
77	100		
182	5.6	1.4	41.4
105	33.9	4.7	44.7
51	18.9	18.0	58.0



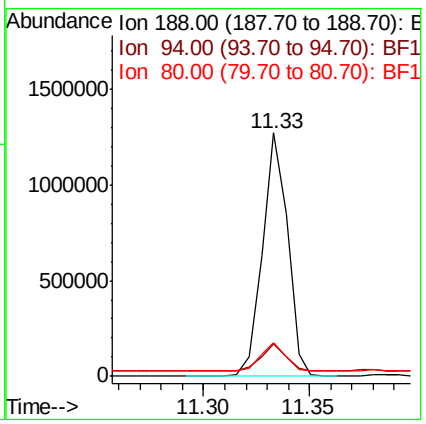


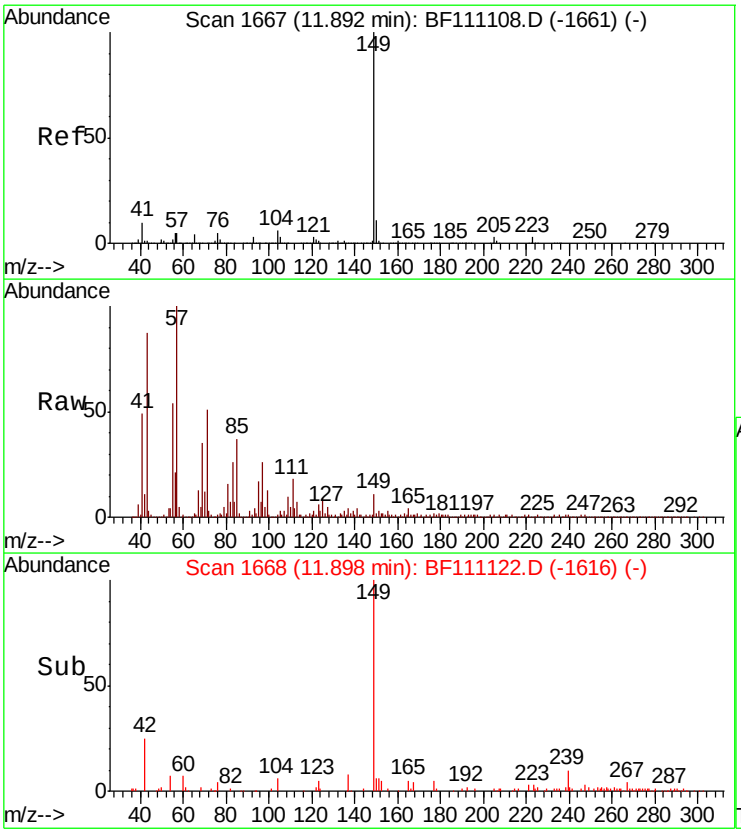
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.33 min Scan# 1572
Delta R.T. 0.01 min
Lab File: BF111122.D
Acq: 5 Dec 2018 22:11

Instrument :
BNA_F
ClientSampleId :
DUP-1

Tgt Ion:188 Resp: 1049545

Ion	Ratio	Lower	Upper
188	100		
94	13.1	8.5	12.7#
80	13.8	9.0	13.6#

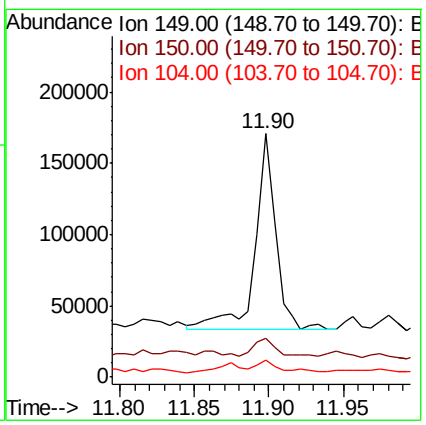


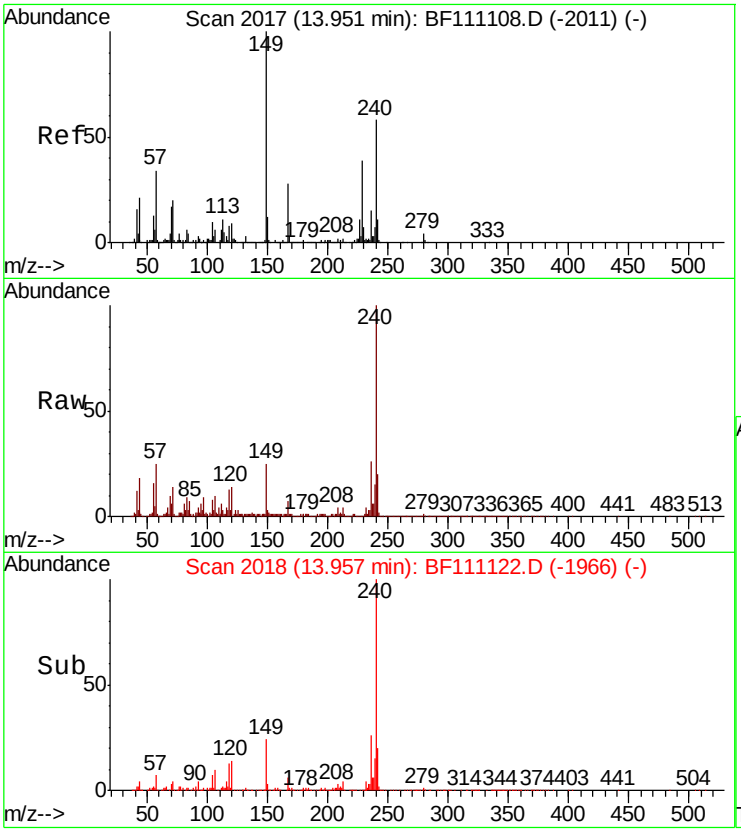


#74
Di-n-butylphthalate
Concen: 2.125 ng
RT: 11.90 min Scan# 1668
Delta R.T. 0.01 min
Lab File: BF111122.D
Acq: 5 Dec 2018 22:11

Tgt Ion:149 Resp: 131743

Ion	Ratio	Lower	Upper
149	100		
150	16.1	8.6	12.8#
104	7.2	4.5	6.7#



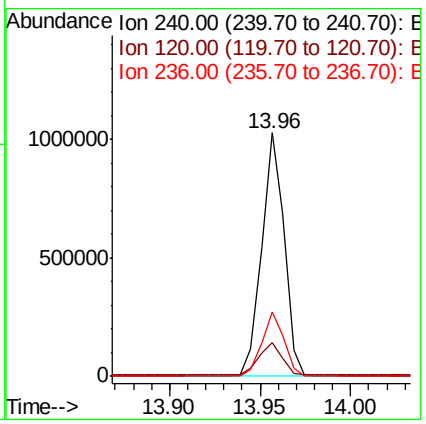


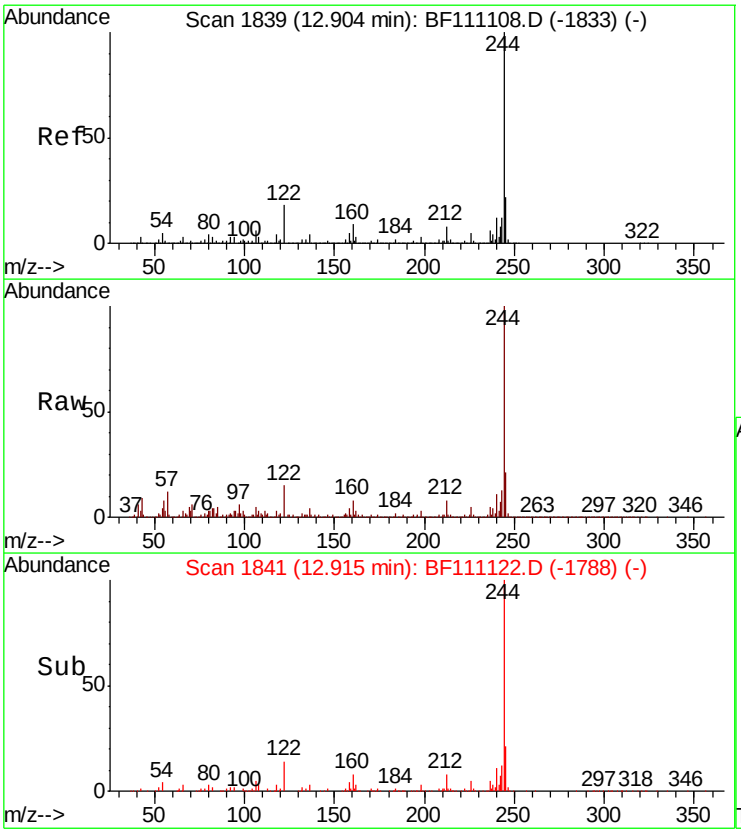
#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.96 min Scan# 2018
Delta R.T. 0.01 min
Lab File: BF111122.D
Acq: 5 Dec 2018 22:11

Instrument :
BNA_F
ClientSampleId :
DUP-1

Tgt Ion:240 Resp: 884391

Ion	Ratio	Lower	Upper
240	100		
120	14.0	12.8	19.2
236	26.3	21.1	31.7

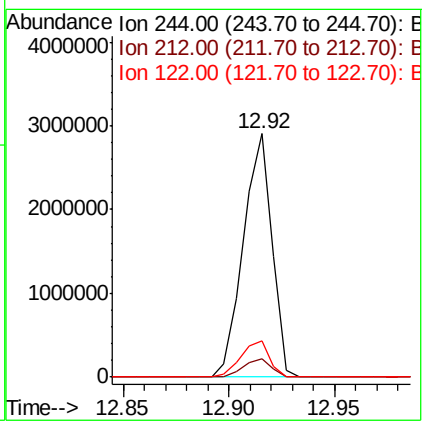


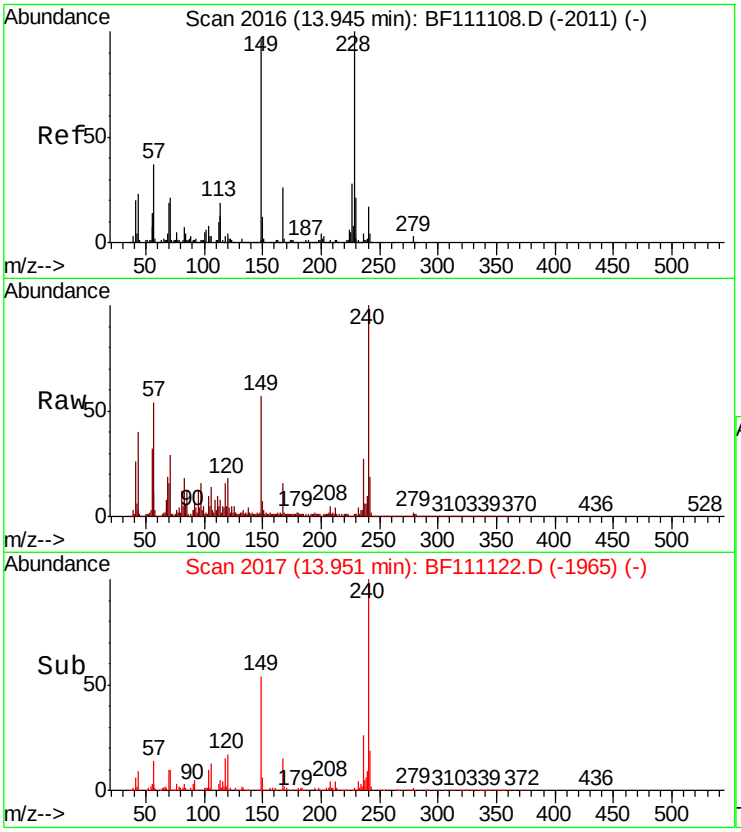


#79
Terphenyl-d14
Concen: 63.401 ng
RT: 12.92 min Scan# 1841
Delta R.T. 0.01 min
Lab File: BF111122.D
Acq: 5 Dec 2018 22:11

Tgt Ion:244 Resp: 2737848

Ion	Ratio	Lower	Upper
244	100		
212	7.7	6.6	9.8
122	14.8	14.2	21.2



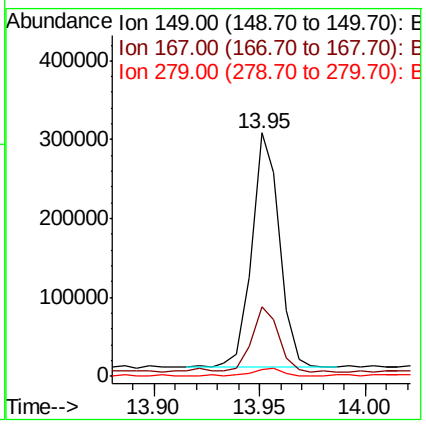


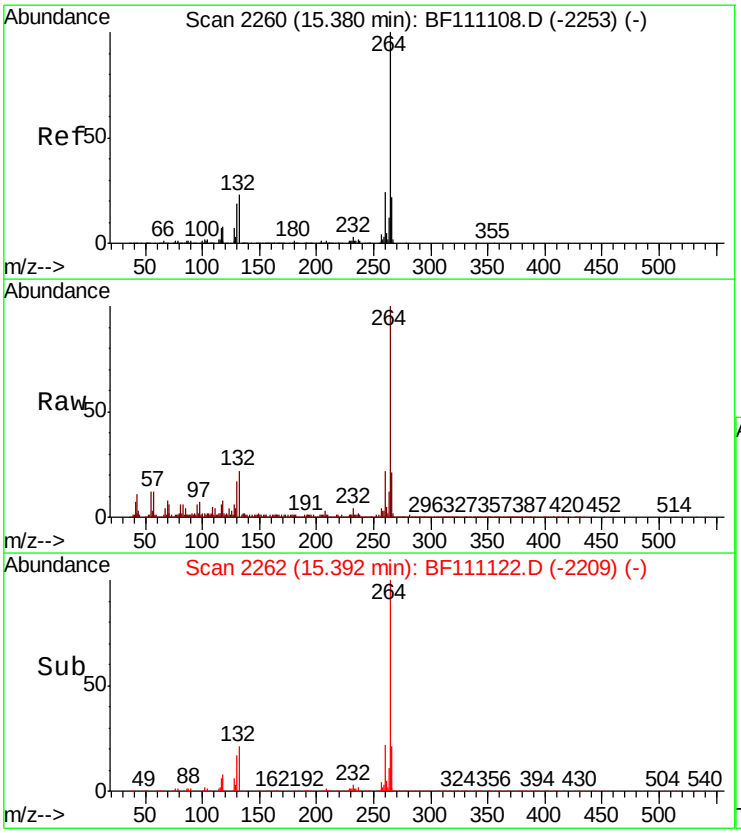
#84
Bis(2-ethylhexyl)phthalate
Concen: 6.694 ng
RT: 13.95 min Scan# 2017
Delta R.T. 0.01 min
Lab File: BF111122.D
Acq: 5 Dec 2018 22:11

Instrument :
BNA_F
ClientSampleId :
DUP-1

Tgt Ion:149 Resp: 269118

Ion	Ratio	Lower	Upper
149	100		
167	28.8	21.6	32.4
279	2.7	2.3	3.5





#87
Perylene-d12
Concen: 20.000 ng
RT: 15.39 min Scan# 2262
Delta R.T. 0.01 min
Lab File: BF111122.D
Acq: 5 Dec 2018 22:11

Tgt Ion:264 Resp: 630828

Ion	Ratio	Lower	Upper
264	100		
260	22.4	19.4	29.0
265	21.0	17.4	26.0