Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF111618\
Data File : BF110828.D
Acq On : 16 Nov 2018 20:28
Operator : JU/SJ
Sample : J5951-01 10X
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : FDSB-02(10-12)

Quant Time: Nov 16 23:28:11 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	54626	20.00	ng		0.00
21) Naphthalene-d8	8.23	136	225842	20.00	ng		0.00
39) Acenaphthene-d10	9.99	164	106475	20.00	ng		0.00
64) Phenanthrene-d10	11.47	188	176720	20.00	ng		-0.01
76) Chrysene-d12	14.13	240	151012	20.00	ng		-0.01
87) Perylene-d12	15.66	264	113224	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.56	112	28745	8.55	ng		0.00
7) Phenol-d6	6.57	99	37551	8.73	ng		0.00
23) Nitrobenzene-d5	7.62	82	13186	3.36	ng		0.11
42) 2,4,6-Tribromophenol	10.78	330	5988	5.58	ng		0.00
45) 2-Fluorobiphenyl	9.30	172	48095	6.45	ng		0.00
79) Terphenyl-d14	13.06	244	38420	4.76	ng		-0.01
Target Compounds							Qvalue
15) Benzyl Alcohol	7.08	79	8106	2.409	ng	#	61
18) Hexachloroethane	7.47	117	79485	49.152	ng	#	1
19) n-Nitroso-di-n-propylamine	7.36	70	20937	7.627	ng	#	73
24) Nitrobenzene	7.50	77	21374	5.320	ng	#	42
25) Isophorone	7.75	82	56692	8.820	ng	#	1
27) 2,4-Dimethylphenol	7.87	122	13098	4.291	ng	#	1
28) bis(2-Chloroethoxy)methane	7.96	93	11190	2.571	ng	#	1
29) 2,4-Dichlorophenol	8.06	162	6566	2.090	ng	#	1
31) Naphthalene	8.25	128	80910	7.632	ng	#	84
32) Benzoic acid	8.01	122	6027	2.790	ng	#	12
35) Caprolactam	8.67	113	10364	9.876	ng	#	1
37) 2-Methylnaphthalene	8.95	142	713947	102.724	ng		100
38) 1-Methylnaphthalene	8.95	142	713947	106.814	ng		96
51) 2,6-Dinitrotoluene	9.75	165	4530	2.592	ng	#	55
52) Acenaphthene	10.02	154	15205	2.335	ng	#	21
54) 2,4-Dinitrophenol	10.16	184	392	5.232	ng	#	1
55) Dibenzofuran	10.19	168	27879	2.926	ng	#	65
56) 4-Nitrophenol	10.09	139	13796	10.270	ng	#	52
57) 2,4-Dinitrotoluene	10.19	165	7610	3.349	ng	#	59
58) Fluorene	10.54	166	29966	4.094	ng	#	66
66) n-Nitrosodiphenylamine	10.64	169	27367	4.594	ng	#	41
71) Phenanthrene	11.50	178	25840	2.729	ng		97
72) Anthracene	11.50	178	25606	2.681	ng		97

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

Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF111618\
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Acq On : 16 Nov 2018 20:28
Operator : JU/SJ
Sample : J5951-01 10X
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
FDSB-02(10-12)

Quant Time: Nov 16 23:28:11 2018
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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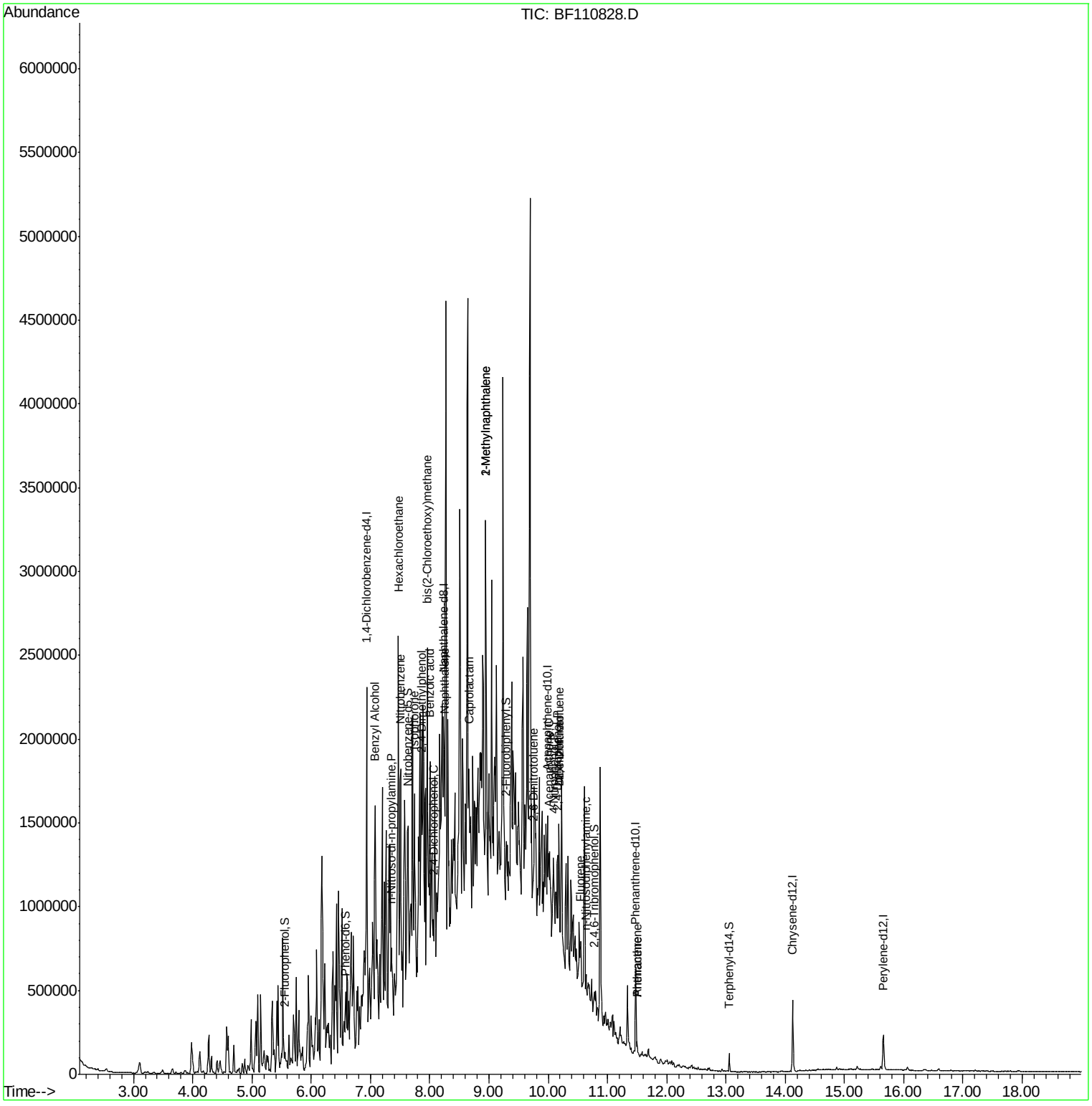
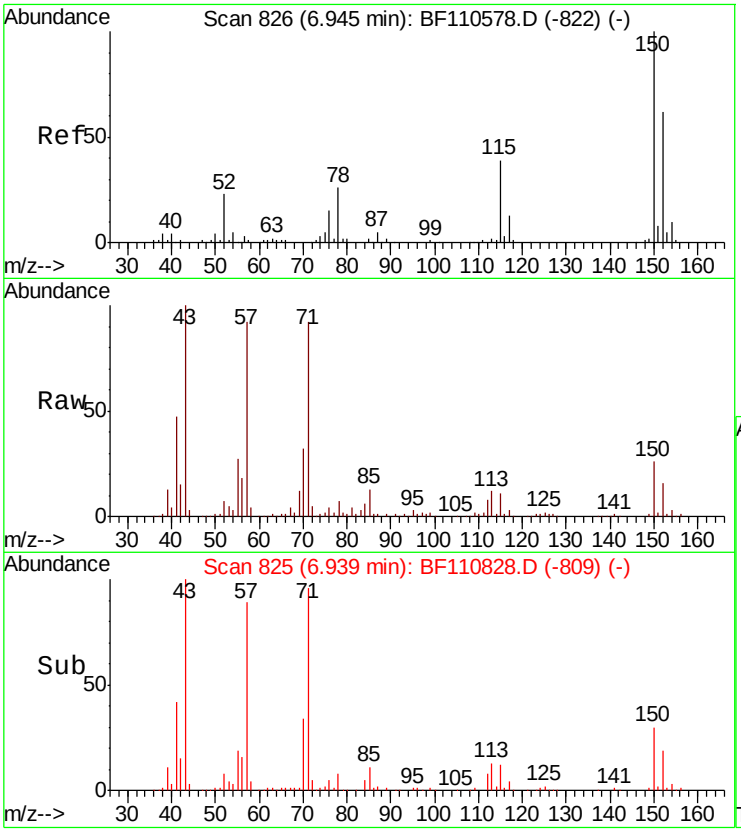
Response via : Initial Calibration



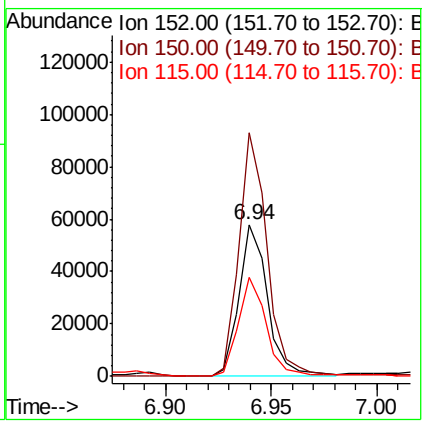


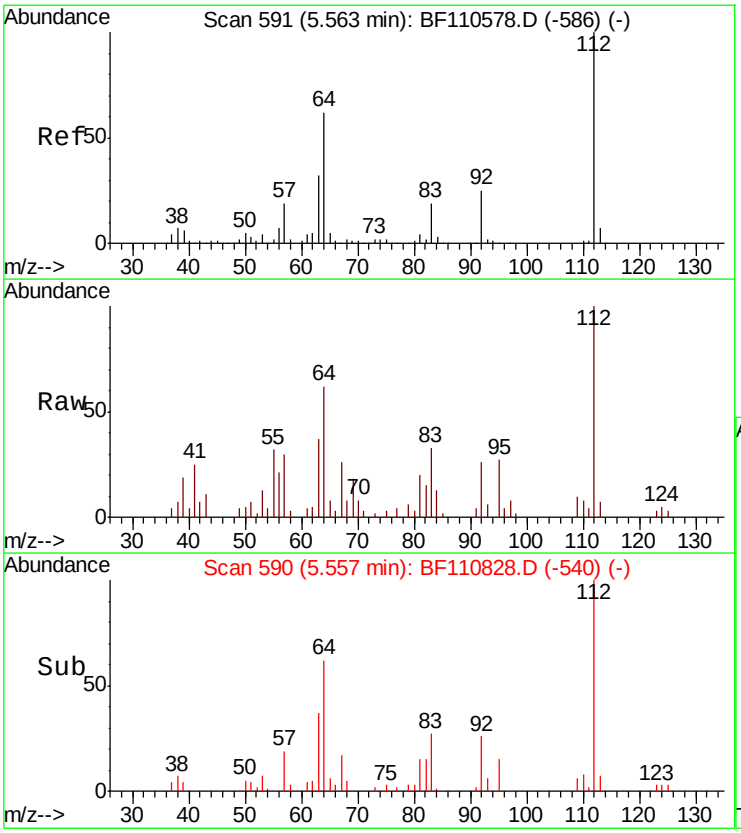
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.94 min Scan# 825
Delta R.T. -0.01 min
Lab File: BF110828.D
Acq: 16 Nov 2018 20:28

Instrument :
BNA_F
ClientSampleId :
FDSB-02(10-12)

Tgt Ion:152 Resp: 54626

Ion	Ratio	Lower	Upper
152	100		
150	160.3	122.7	184.1
115	65.3	49.1	73.7

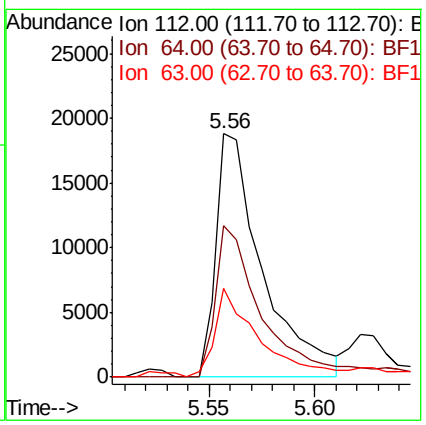


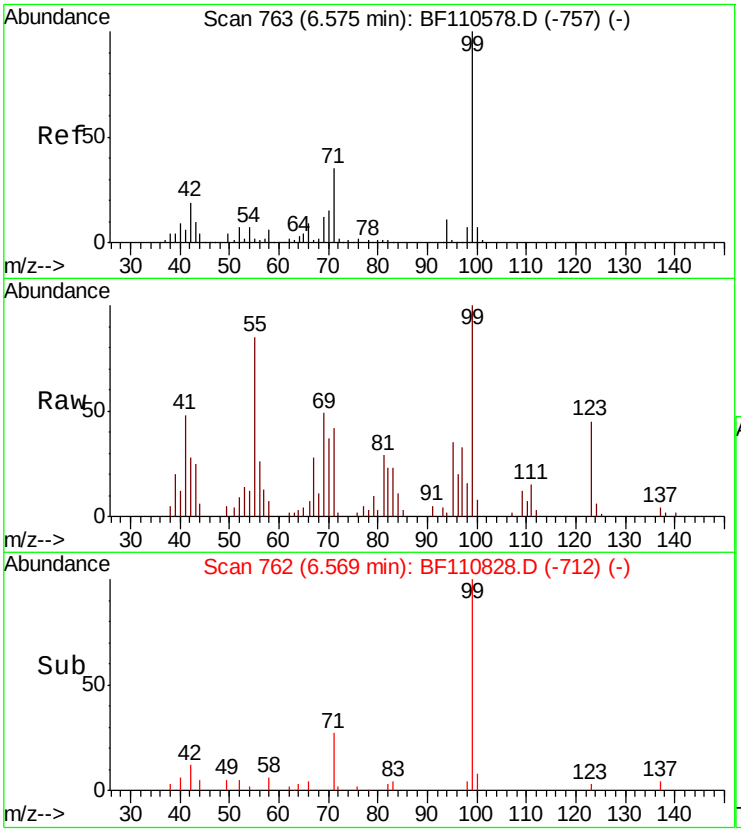


#5
2-Fluorophenol
Concen: 8.547 ng
RT: 5.56 min Scan# 590
Delta R.T. -0.01 min
Lab File: BF110828.D
Acq: 16 Nov 2018 20:28

Tgt Ion:112 Resp: 28745

Ion	Ratio	Lower	Upper
112	100		
64	62.4	44.1	66.1
63	36.7	23.7	35.5#



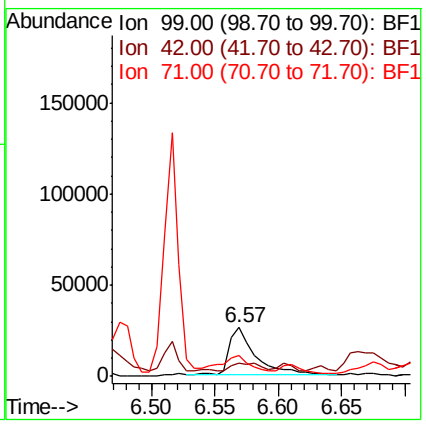


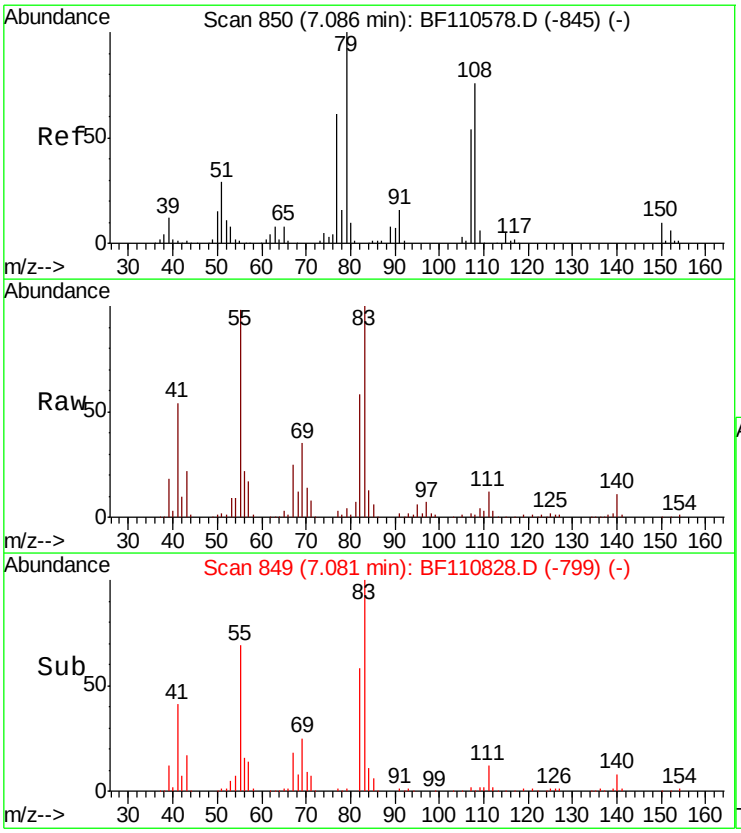
#7
Phenol-d6
Concen: 8.732 ng
RT: 6.57 min Scan# 762
Delta R.T. -0.01 min
Lab File: BF110828.D
Acq: 16 Nov 2018 20:28

Instrument :
BNA_F
ClientSampleId :
FDSB-02(10-12)

Tgt Ion: 99 Resp: 37551

Ion	Ratio	Lower	Upper
99	100		
42	28.1	15.8	23.6#
71	42.1	28.0	42.0#

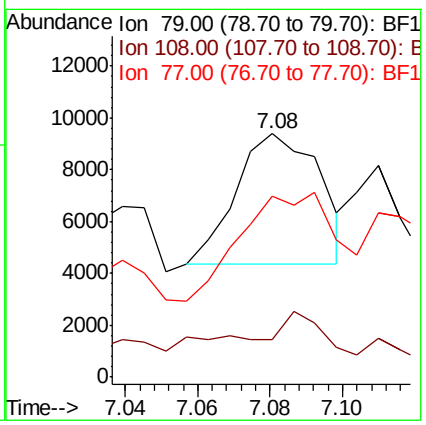


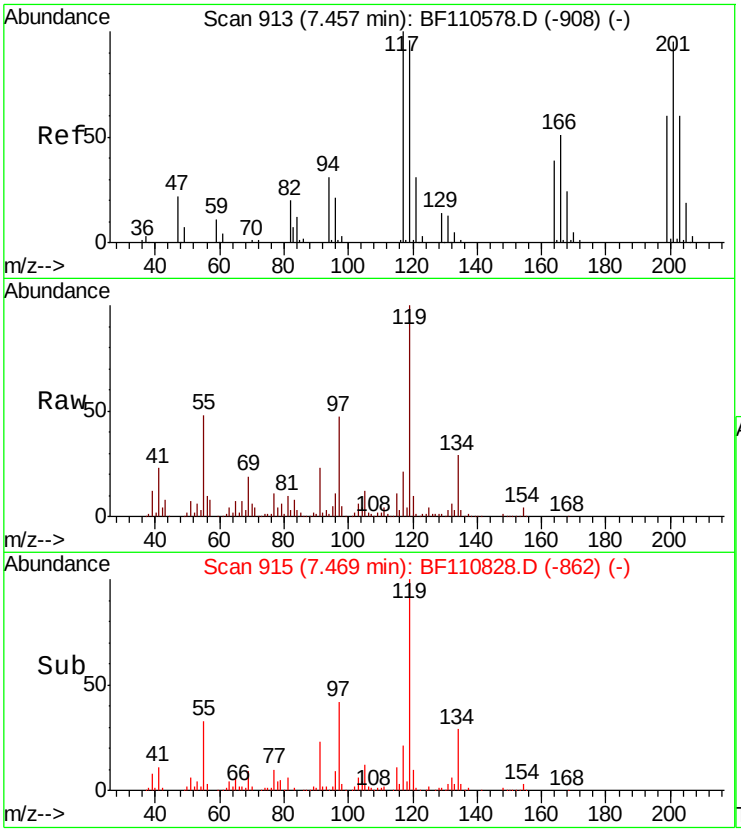


#15
Benzyl Alcohol
Concen: 2.409 ng
RT: 7.08 min Scan# 849
Delta R.T. -0.01 min
Lab File: BF110828.D
Acq: 16 Nov 2018 20:28

Tgt Ion: 79 Resp: 8106

Ion	Ratio	Lower	Upper
79	100		
108	15.6	56.3	84.5#
77	74.4	52.9	79.3



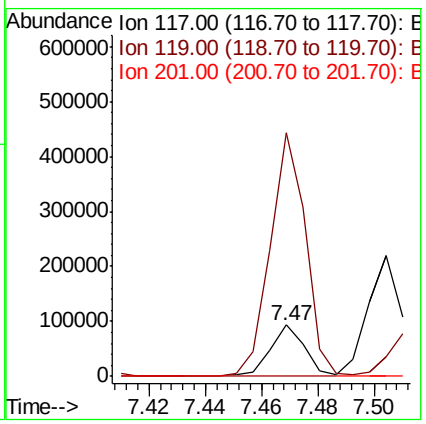


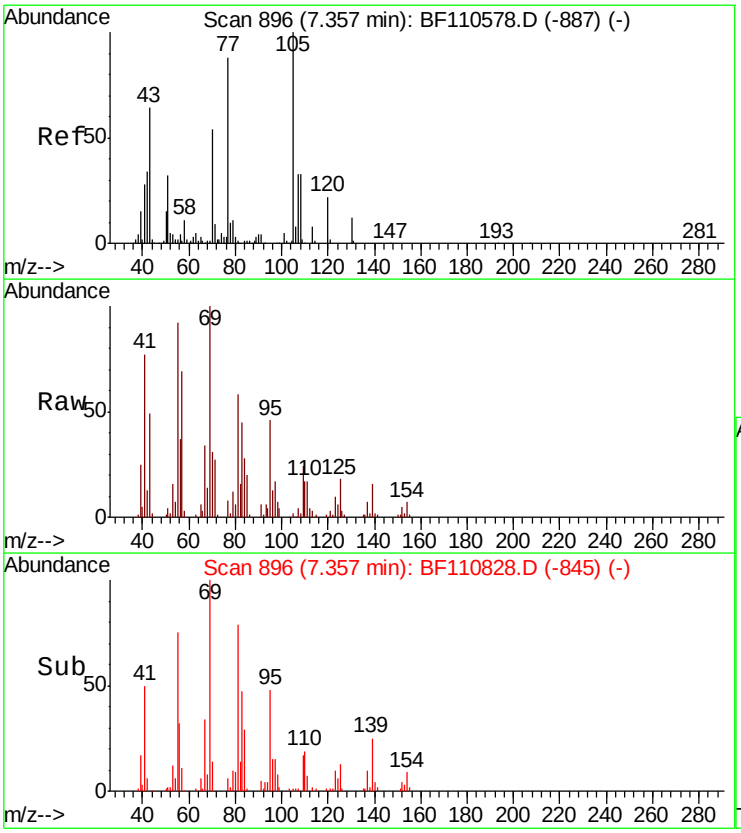
#18
Hexachloroethane
Concen: 49.152 ng
RT: 7.47 min Scan# 915
Delta R.T. 0.01 min
Lab File: BF110828.D
Acq: 16 Nov 2018 20:28

Instrument :
BNA_F
ClientSampleId :
FDSB-02(10-12)

Tgt Ion:117 Resp: 79485

Ion	Ratio	Lower	Upper
117	100		
119	475.7	75.0	112.6#
201	0.0	79.2	118.8#

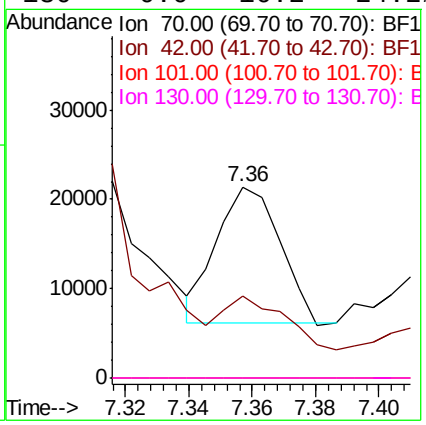


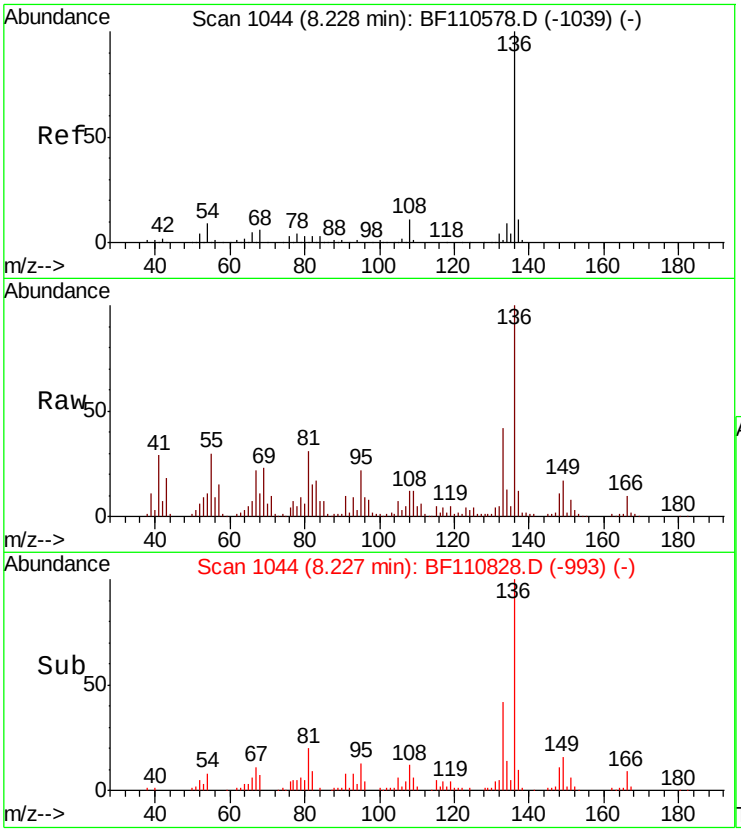


#19
n-Nitroso-di-n-propylamine
Concen: 7.627 ng
RT: 7.36 min Scan# 896
Delta R.T. -0.00 min
Lab File: BF110828.D
Acq: 16 Nov 2018 20:28

Tgt Ion: 70 Resp: 20937

Ion	Ratio	Lower	Upper
70	100		
42	42.6	47.4	71.2#
101	0.0	7.3	10.9#
130	0.0	16.2	24.2#



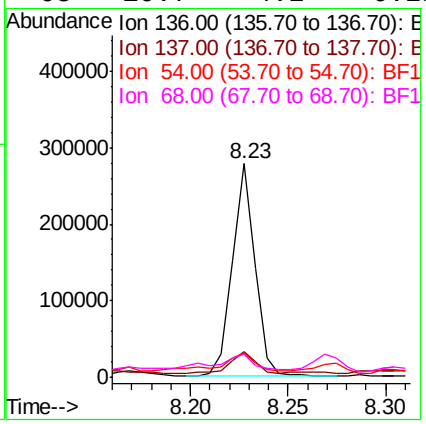


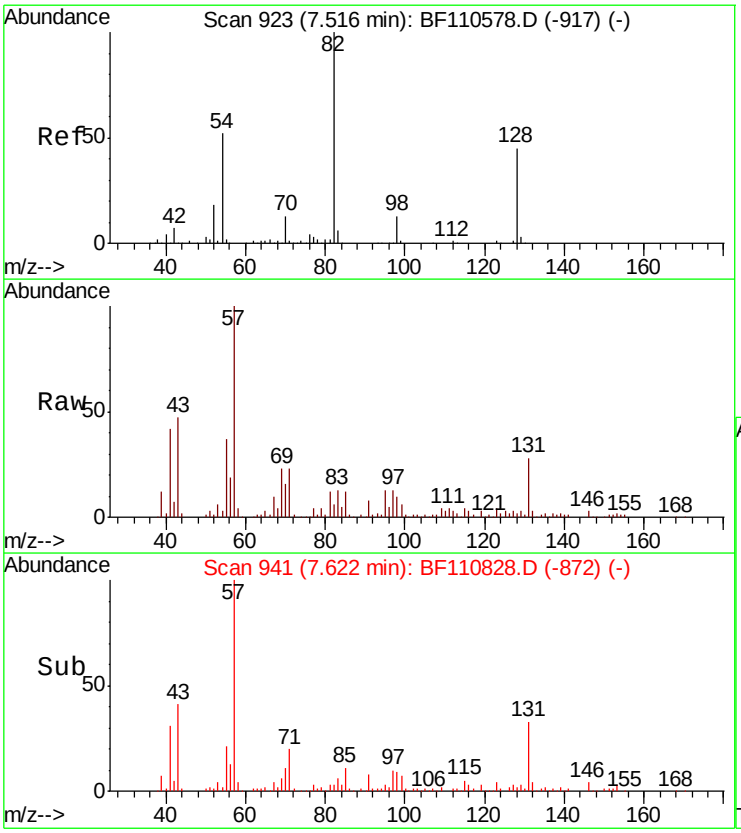
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.23 min Scan# 1044
Delta R.T. -0.00 min
Lab File: BF110828.D
Acq: 16 Nov 2018 20:28

Instrument :
BNA_F
ClientSampleId :
FDSB-02(10-12)

Tgt Ion:136 Resp: 225842

Ion	Ratio	Lower	Upper
136	100		
137	11.8	8.8	13.2
54	11.2	5.4	8.2#
68	10.7	4.2	6.2#

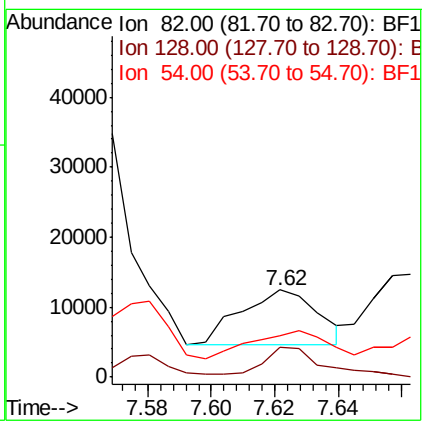


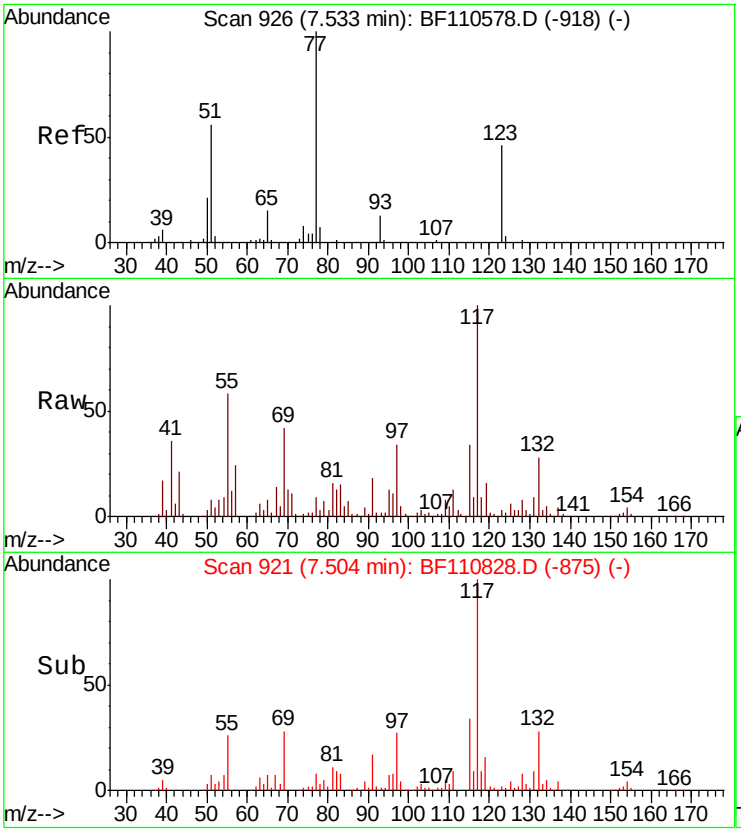


#23
Nitrobenzene-d5
Concen: 3.362 ng
RT: 7.62 min Scan# 941
Delta R.T. 0.11 min
Lab File: BF110828.D
Acq: 16 Nov 2018 20:28

Tgt Ion: 82 Resp: 13186

Ion	Ratio	Lower	Upper
82	100		
128	34.2	34.2	51.2
54	48.0	38.6	58.0



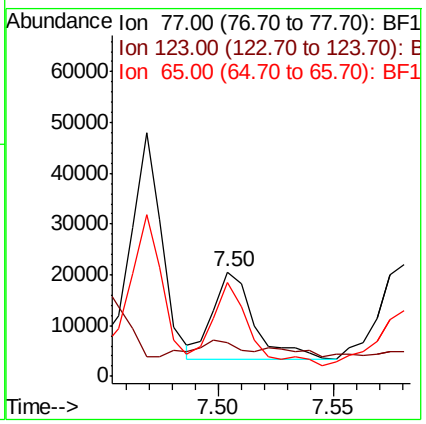


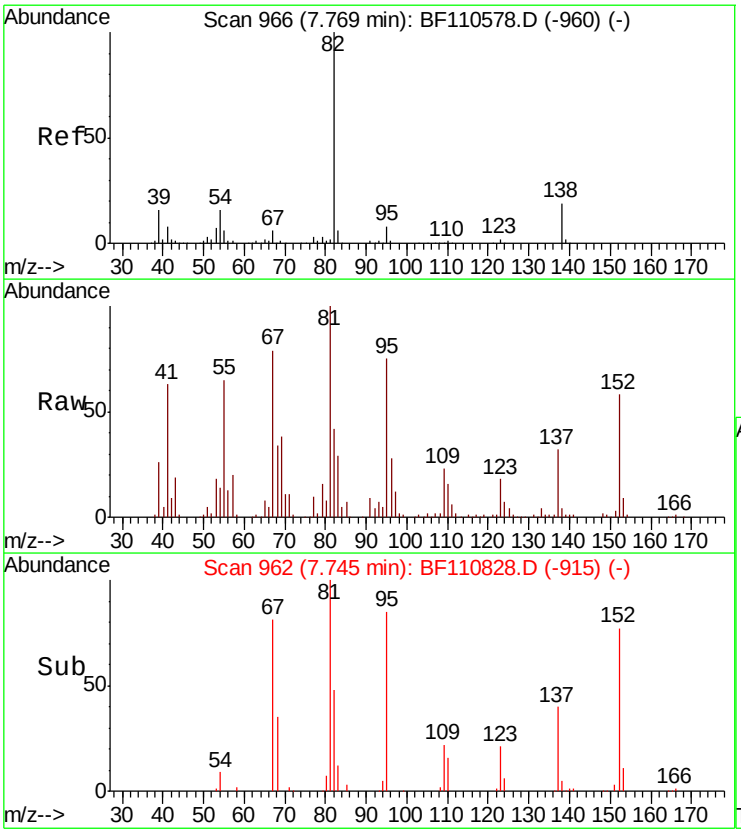
#24
Nitrobenzene
Concen: 5.320 ng
RT: 7.50 min Scan# 921
Delta R.T. -0.03 min
Lab File: BF110828.D
Acq: 16 Nov 2018 20:28

Instrument :
BNA_F
ClientSampleId :
FDSB-02(10-12)

Tgt Ion: 77 Resp: 21374

Ion	Ratio	Lower	Upper
77	100		
123	32.1	35.7	53.5#
65	89.4	10.7	16.1#

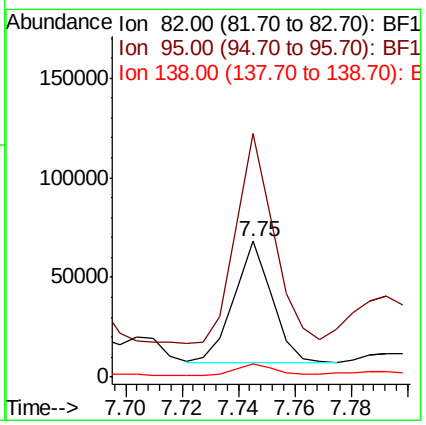


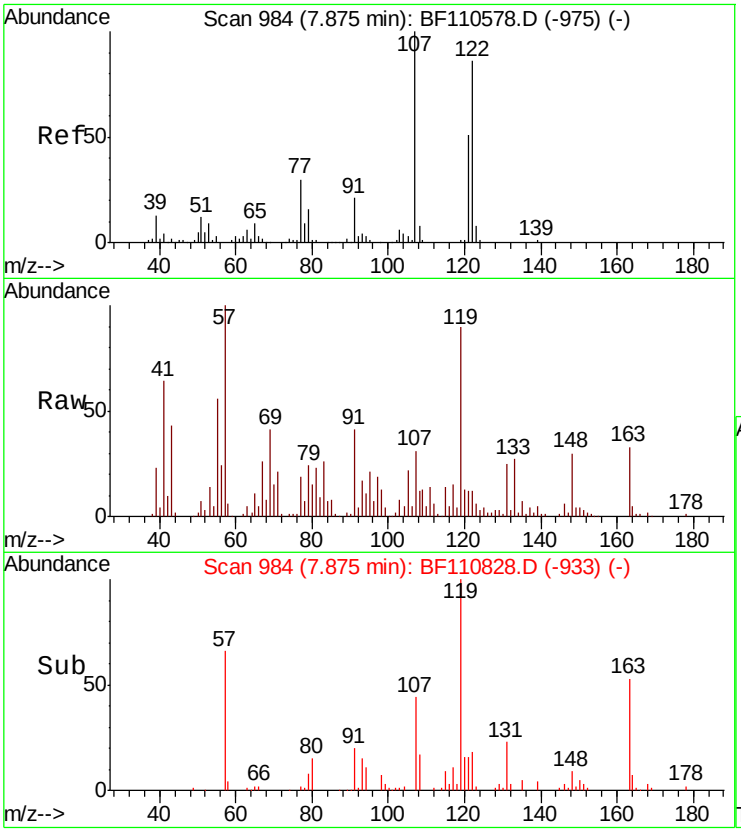


#25
Isophorone
Concen: 8.820 ng
RT: 7.75 min Scan# 962
Delta R.T. -0.02 min
Lab File: BF110828.D
Acq: 16 Nov 2018 20:28

Tgt Ion: 82 Resp: 56692

Ion	Ratio	Lower	Upper
82	100		
95	179.4	5.7	8.5#
138	9.8	13.2	19.8#



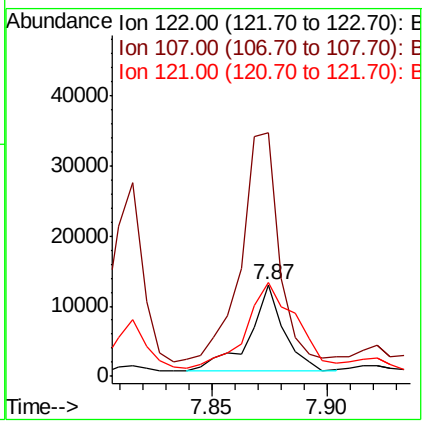


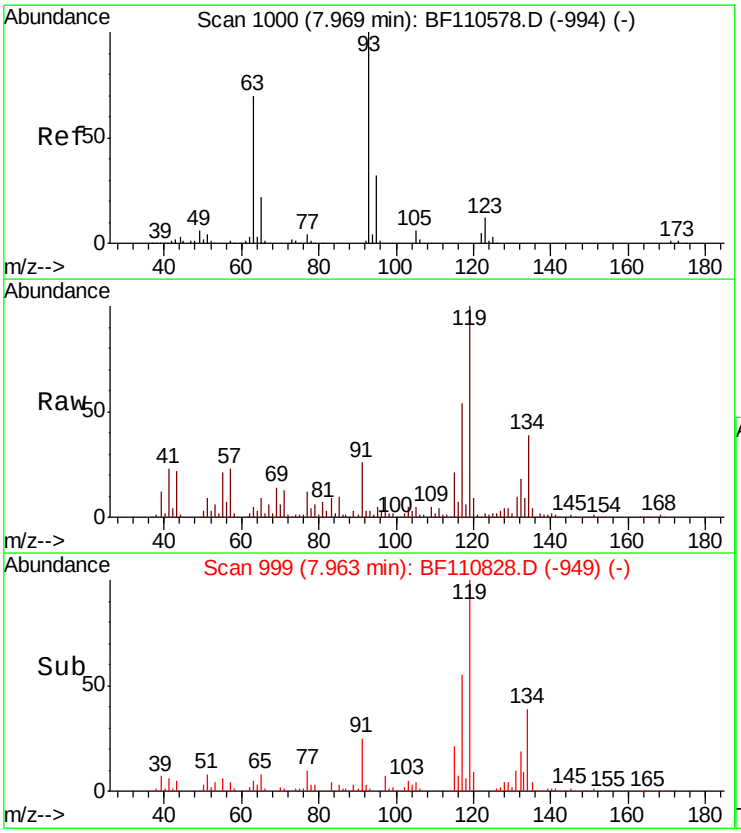
#27
2,4-Dimethylphenol
Concen: 4.291 ng
RT: 7.87 min Scan# 984
Delta R.T. -0.00 min
Lab File: BF110828.D
Acq: 16 Nov 2018 20:28

Instrument :
BNA_F
ClientSampleId :
FDSB-02(10-12)

Tgt Ion:122 Resp: 13098

Ion	Ratio	Lower	Upper
122	100		
107	266.3	92.5	138.7#
121	102.9	45.8	68.8#

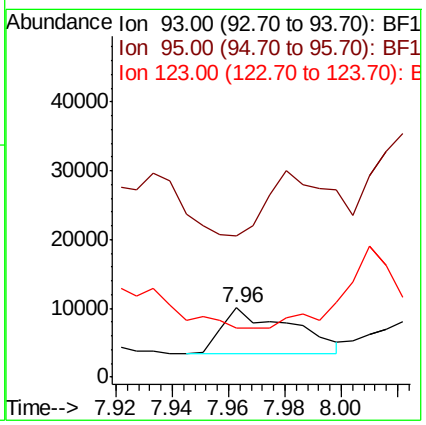


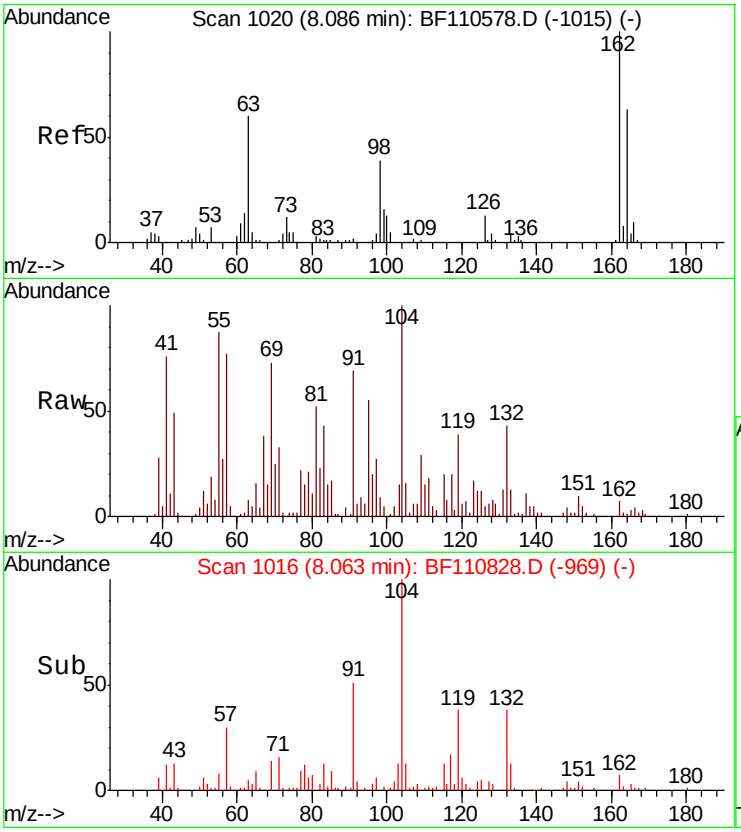


#28
bis(2-Chloroethoxy)methane
Concen: 2.571 ng
RT: 7.96 min Scan# 999
Delta R.T. -0.01 min
Lab File: BF110828.D
Acq: 16 Nov 2018 20:28

Tgt Ion: 93 Resp: 11190

Ion	Ratio	Lower	Upper
93	100		
95	203.7	26.4	39.6#
123	71.1	9.0	13.6#



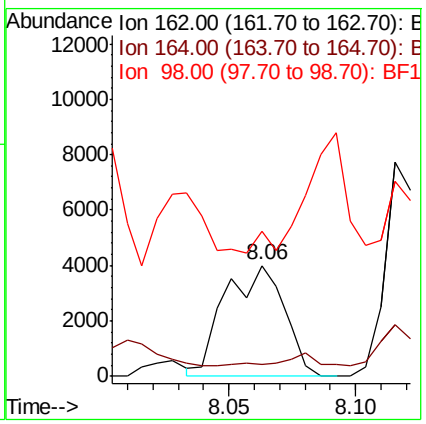


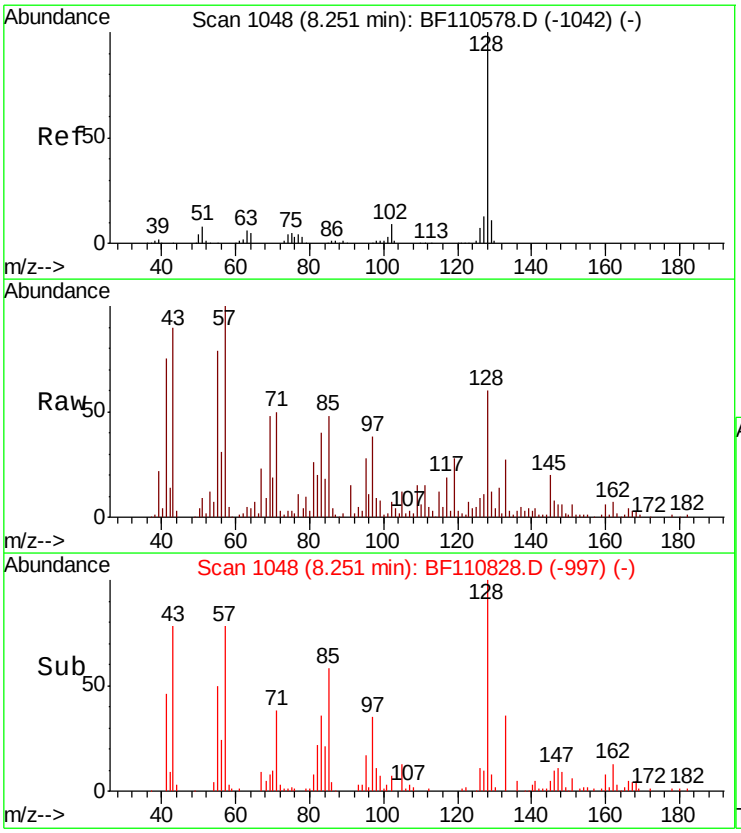
#29
2,4-Dichlorophenol
Concen: 2.090 ng
RT: 8.06 min Scan# 1016
Delta R.T. -0.02 min
Lab File: BF110828.D
Acq: 16 Nov 2018 20:28

Instrument :
BNA_F
ClientSampleId :
FDSB-02(10-12)

Tgt Ion:162 Resp: 6566

Ion	Ratio	Lower	Upper
162	100		
164	10.9	44.6	84.6#
98	130.7	17.4	57.4#

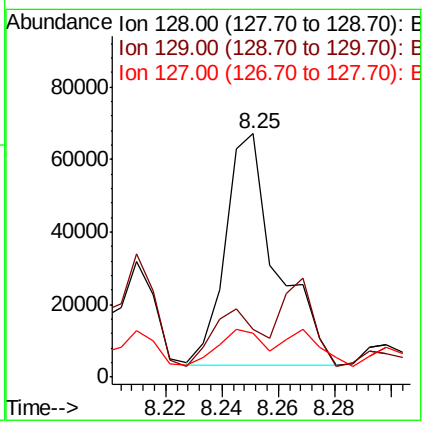


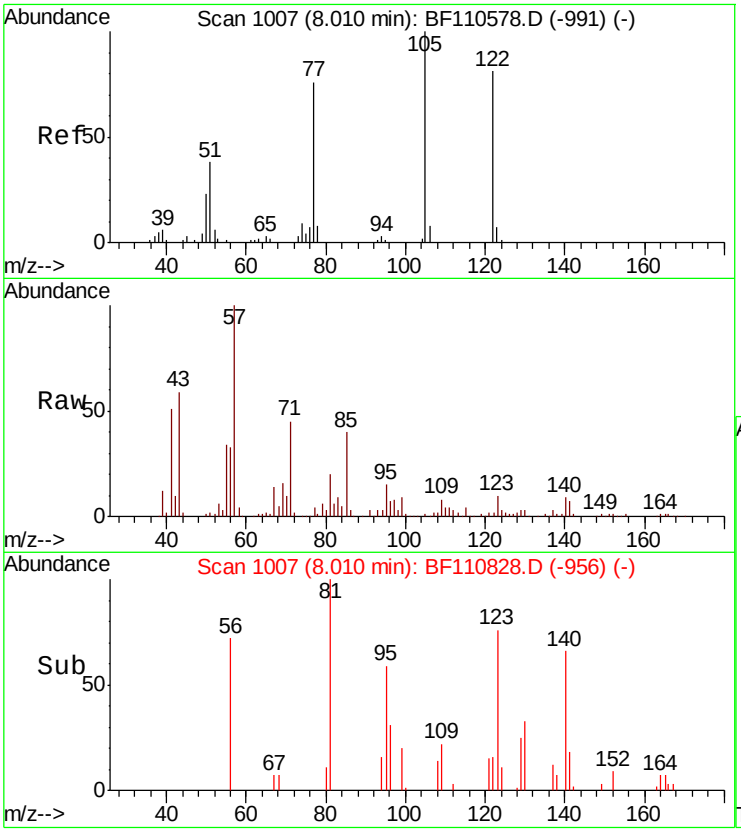


#31
Naphthalene
Concen: 7.632 ng
RT: 8.25 min Scan# 1048
Delta R.T. -0.00 min
Lab File: BF110828.D
Acq: 16 Nov 2018 20:28

Tgt Ion:128 Resp: 80910

Ion	Ratio	Lower	Upper
128	100		
129	19.5	8.8	13.2#
127	18.1	10.8	16.2#



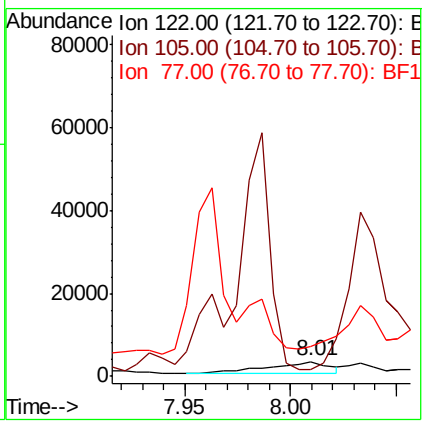


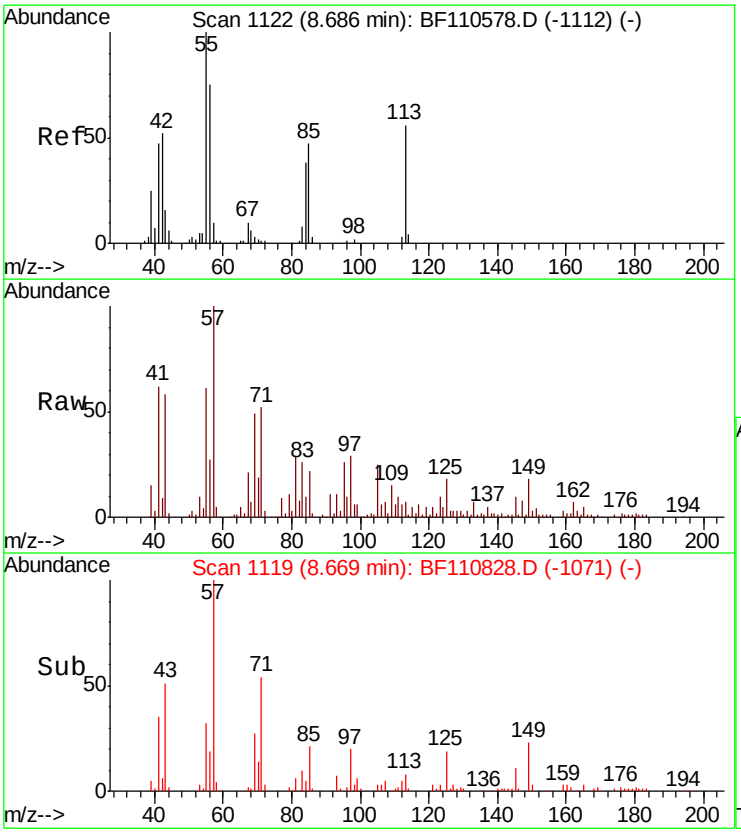
#32
Benzoic acid
Concen: 2.790 ng
RT: 8.01 min Scan# 1007
Delta R.T. -0.00 min
Lab File: BF110828.D
Acq: 16 Nov 2018 20:28

Instrument :
BNA_F
ClientSampleId :
FDSB-02(10-12)

Tgt Ion:122 Resp: 6027

Ion	Ratio	Lower	Upper
122	100		
105	45.7	109.0	149.0#
77	207.5	79.0	119.0#

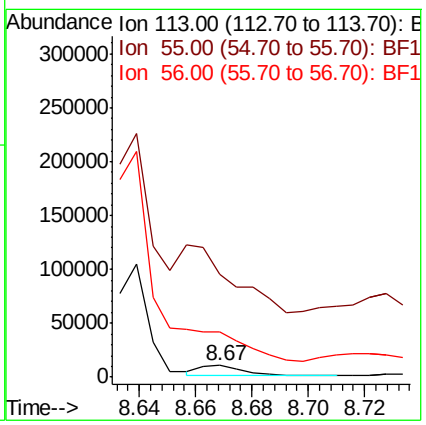


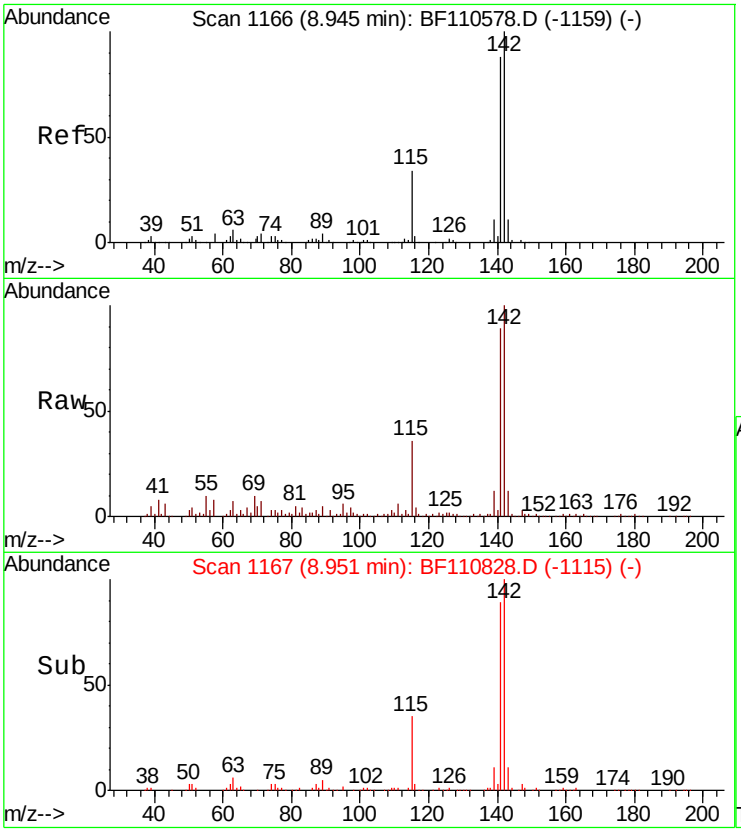


#35
Caprolactam
Concen: 9.876 ng
RT: 8.67 min Scan# 1119
Delta R.T. -0.02 min
Lab File: BF110828.D
Acq: 16 Nov 2018 20:28

Tgt Ion:113 Resp: 10364

Ion	Ratio	Lower	Upper
113	100		
55	879.8	142.8	182.8#
56	382.7	105.0	145.0#



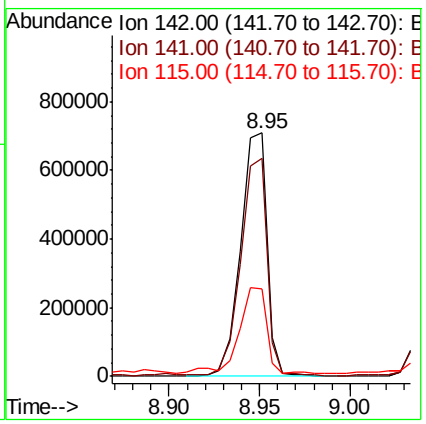


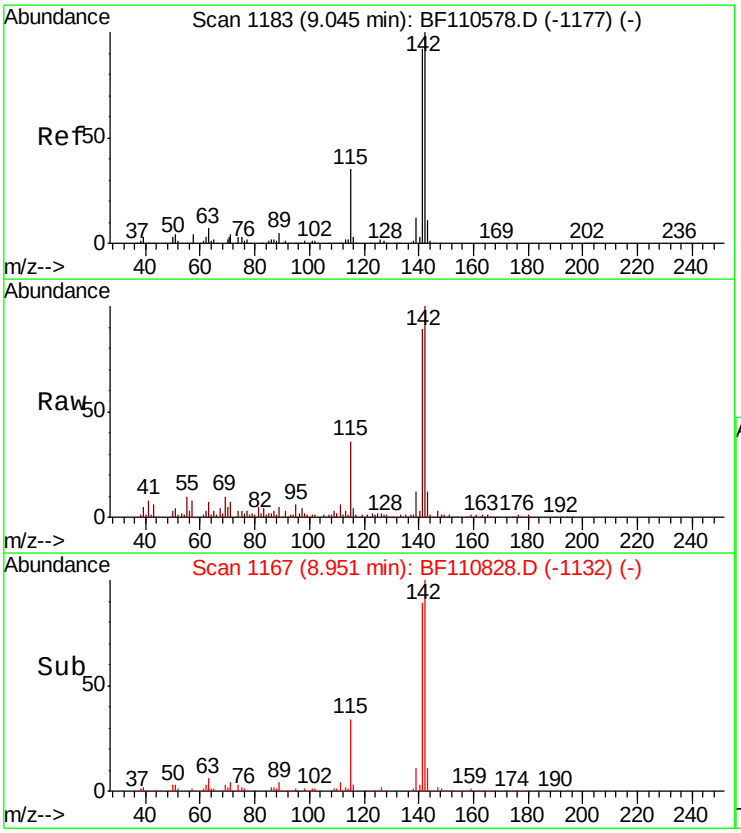
#37
2-Methylnaphthalene
Concen: 102.724 ng
RT: 8.95 min Scan# 1167
Delta R.T. 0.01 min
Lab File: BF110828.D
Acq: 16 Nov 2018 20:28

Instrument :
BNA_F
ClientSampleId :
FDSB-02(10-12)

Tgt Ion:142 Resp: 713947

Ion	Ratio	Lower	Upper
142	100		
141	89.3	71.4	107.2
115	35.9	28.7	43.1

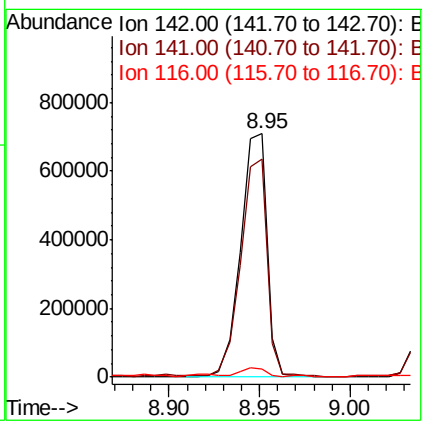


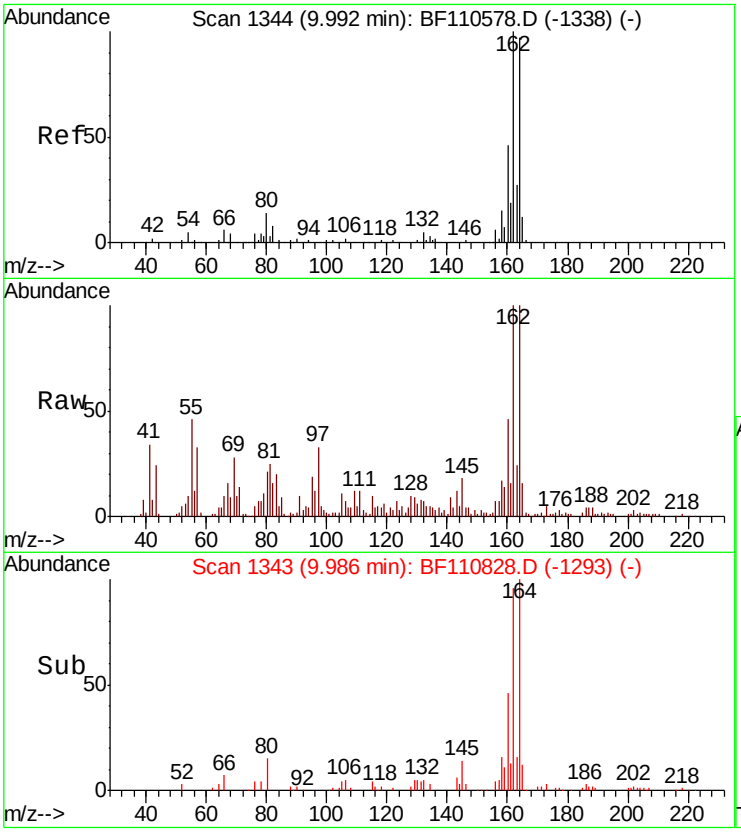


#38
1-Methylnaphthalene
Concen: 106.814 ng
RT: 8.95 min Scan# 1167
Delta R.T. -0.09 min
Lab File: BF110828.D
Acq: 16 Nov 2018 20:28

Tgt Ion:142 Resp: 713947

Ion	Ratio	Lower	Upper
142	100		
141	89.3	74.2	111.4
116	3.6	2.6	4.0



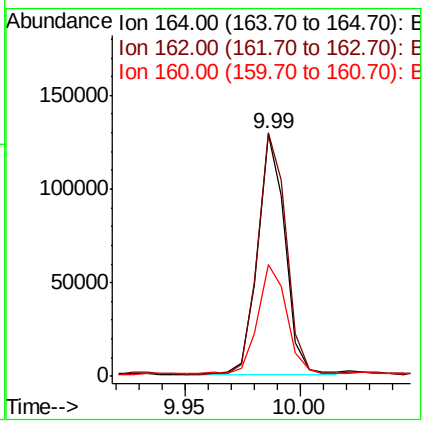


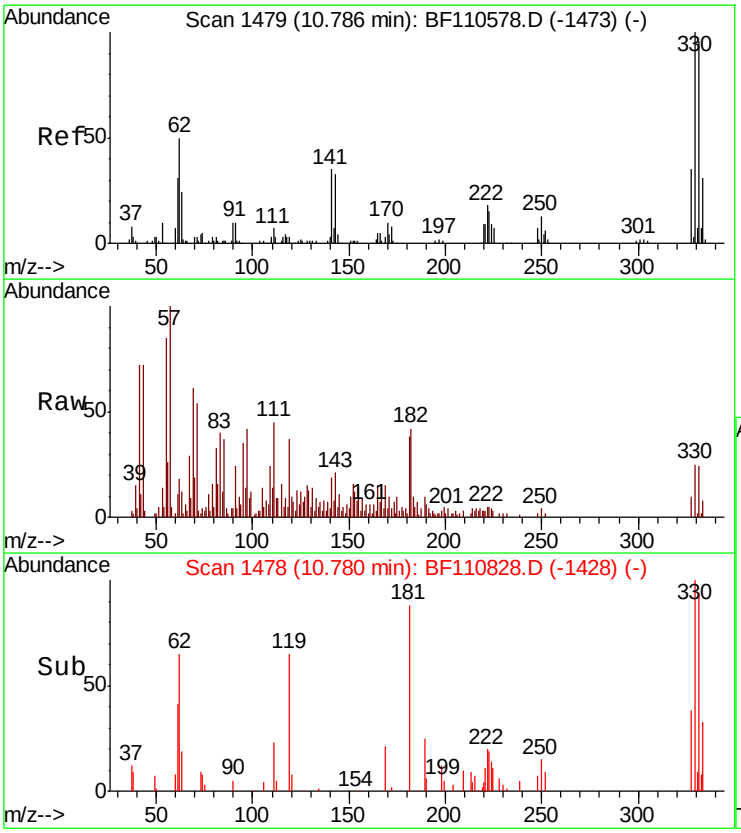
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.99 min Scan# 1343
Delta R.T. -0.01 min
Lab File: BF110828.D
Acq: 16 Nov 2018 20:28

Instrument :
BNA_F
ClientSampleId :
FDSB-02(10-12)

Tgt Ion:164 Resp: 106475

Ion	Ratio	Lower	Upper
164	100		
162	100.3	83.0	124.6
160	46.2	37.0	55.6

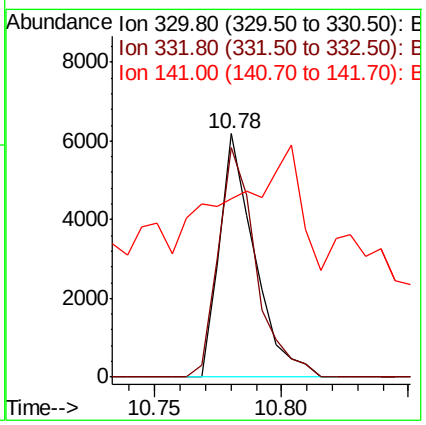


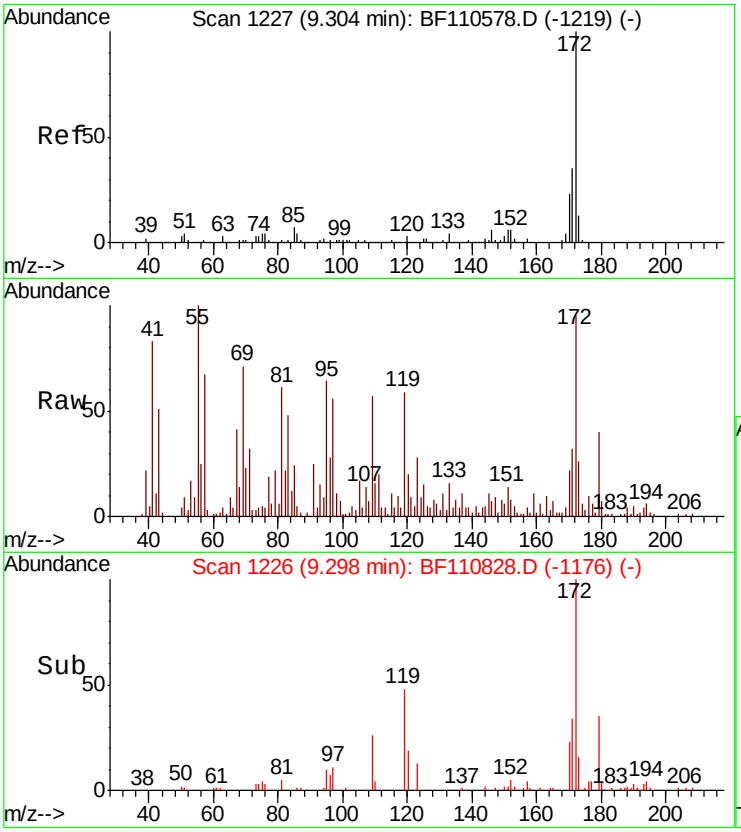


#42
2,4,6-Tribromophenol
Concen: 5.581 ng
RT: 10.78 min Scan# 1478
Delta R.T. -0.01 min
Lab File: BF110828.D
Acq: 16 Nov 2018 20:28

Tgt Ion:330 Resp: 5988

Ion	Ratio	Lower	Upper
330	100		
332	101.5	77.1	115.7
141	0.0	27.0	40.4#



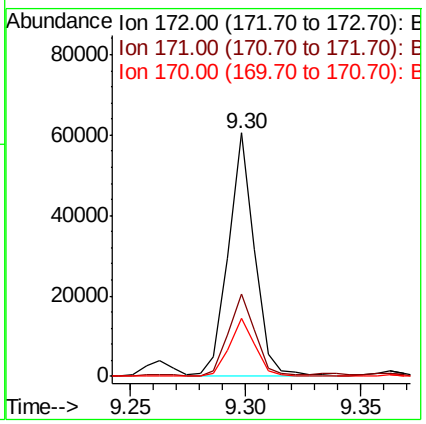


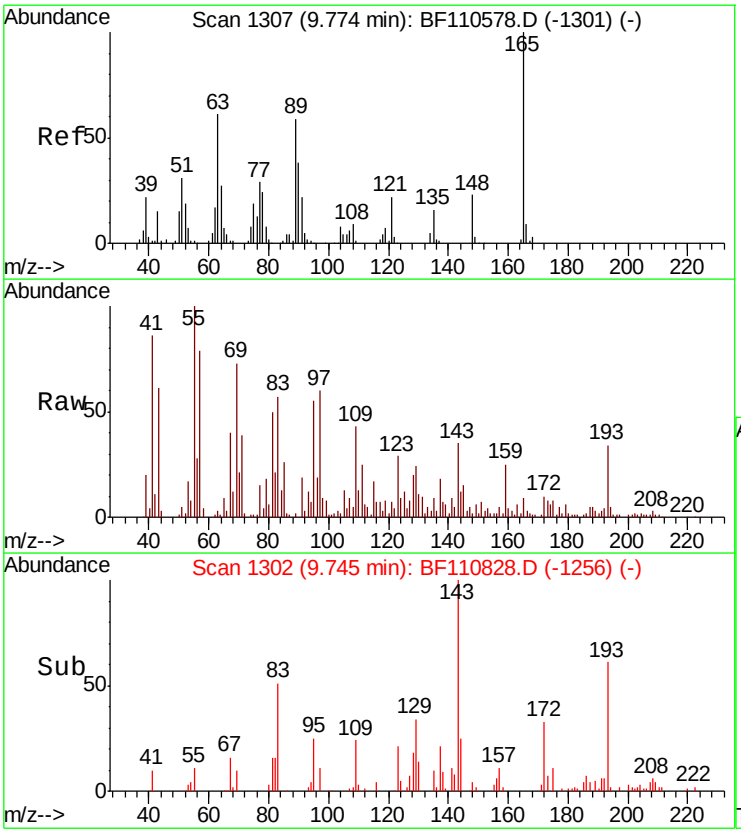
#45
2-Fluorobiphenyl
Concen: 6.451 ng
RT: 9.30 min Scan# 1226
Delta R.T. -0.01 min
Lab File: BF110828.D
Acq: 16 Nov 2018 20:28

Instrument :
BNA_F
ClientSampleId :
FDSB-02(10-12)

Tgt Ion:172 Resp: 48095

Ion	Ratio	Lower	Upper
172	100		
171	33.8	28.6	43.0
170	23.8	19.7	29.5

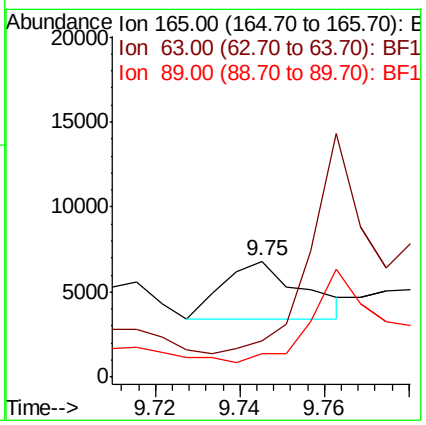


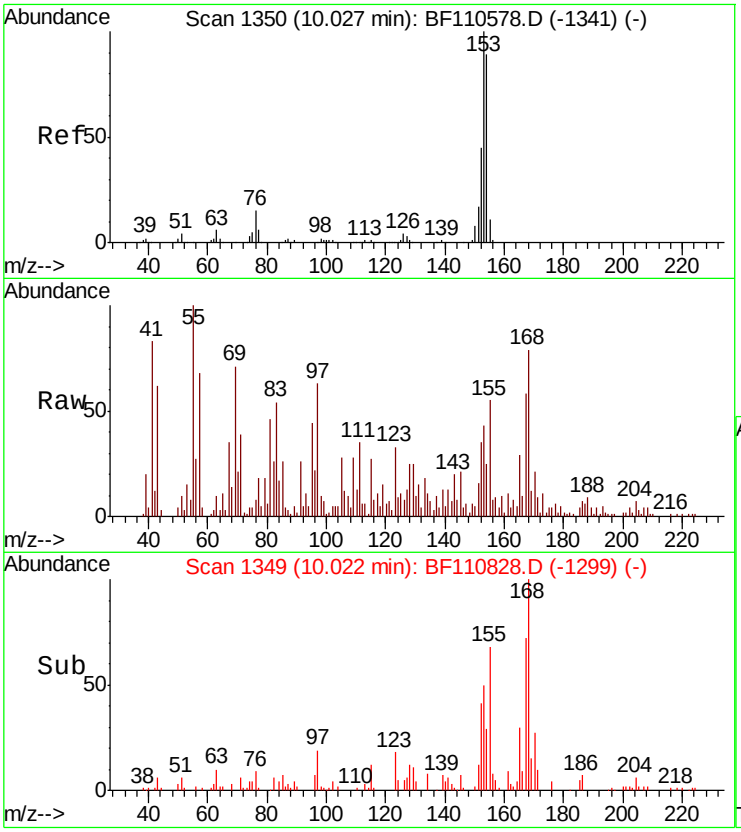


#51
2,6-Dinitrotoluene
Concen: 2.592 ng
RT: 9.75 min Scan# 1302
Delta R.T. -0.03 min
Lab File: BF110828.D
Acq: 16 Nov 2018 20:28

Tgt Ion:165 Resp: 4530

Ion	Ratio	Lower	Upper
165	100		
63	31.7	48.9	73.3#
89	19.7	46.6	69.8#



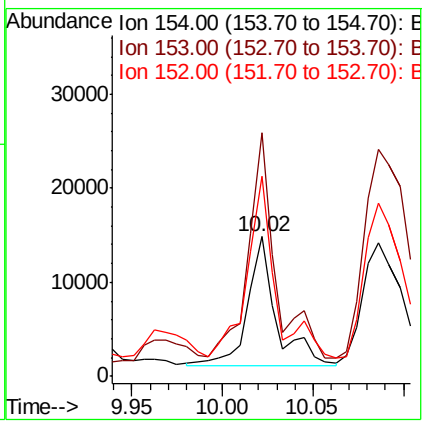


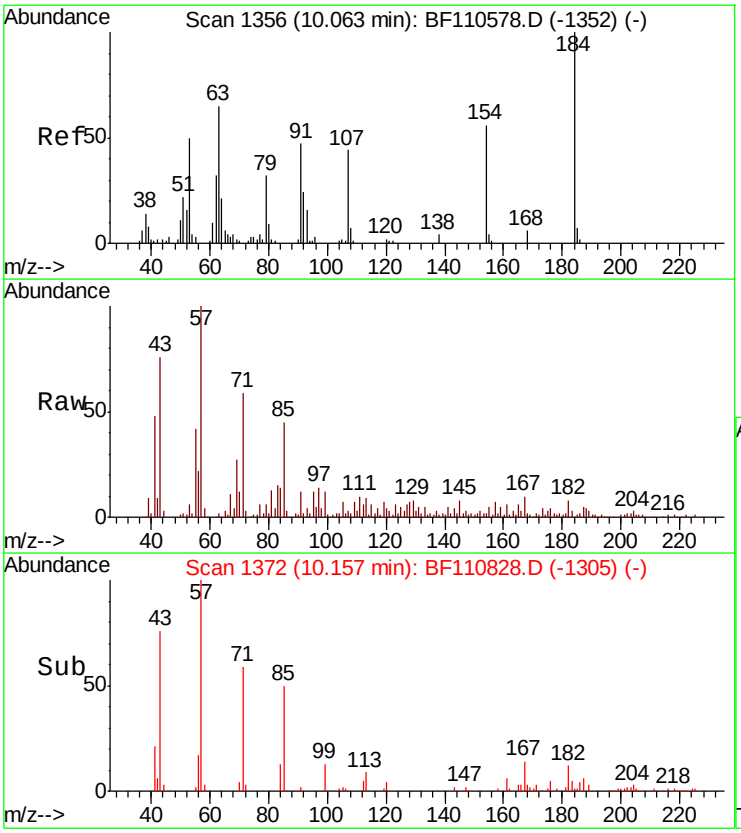
#52
Acenaphthene
Concen: 2.335 ng
RT: 10.02 min Scan# 1349
Delta R.T. -0.01 min
Lab File: BF110828.D
Acq: 16 Nov 2018 20:28

Instrument :
BNA_F
ClientSampleId :
FDSB-02(10-12)

Tgt Ion:154 Resp: 15205

Ion	Ratio	Lower	Upper
154	100		
153	174.3	90.1	135.1#
152	143.3	43.4	65.2#

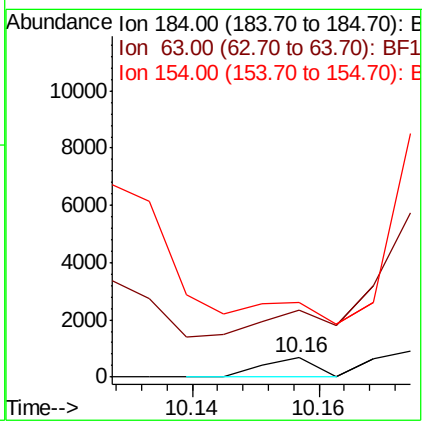


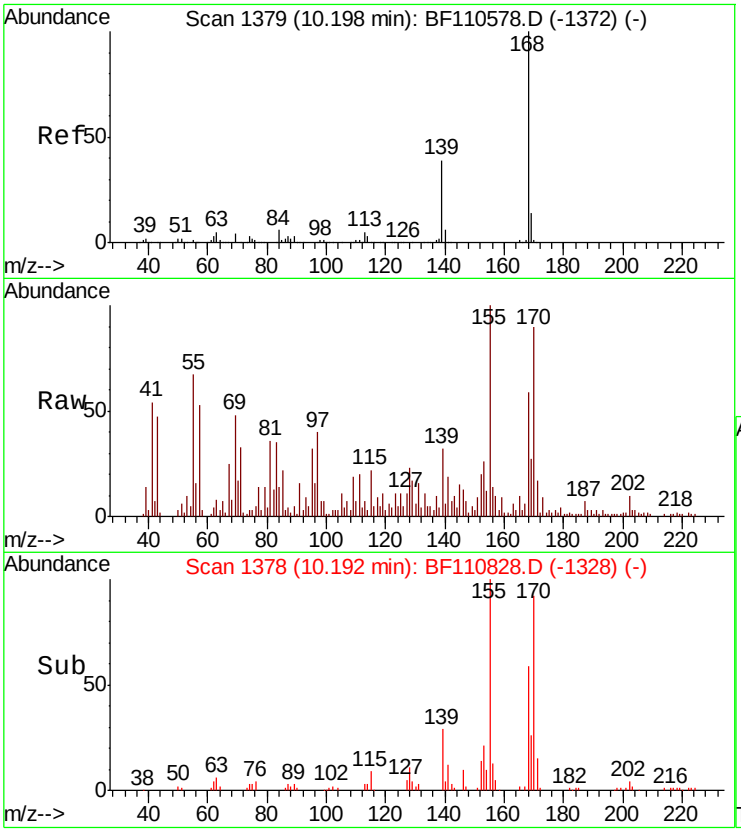


#54
2,4-Dinitrophenol
Concen: 5.232 ng
RT: 10.16 min Scan# 1372
Delta R.T. 0.09 min
Lab File: BF110828.D
Acq: 16 Nov 2018 20:28

Tgt Ion:184 Resp: 392

Ion	Ratio	Lower	Upper
184	100		
63	342.2	55.8	83.6#
154	381.3	63.2	94.8#



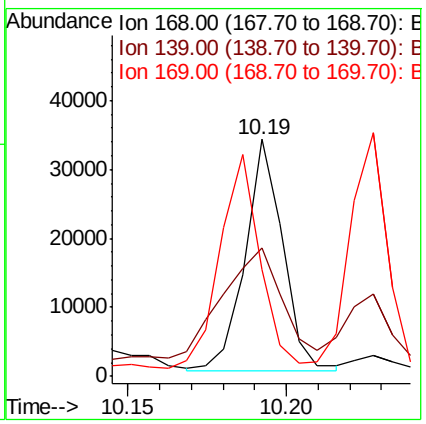


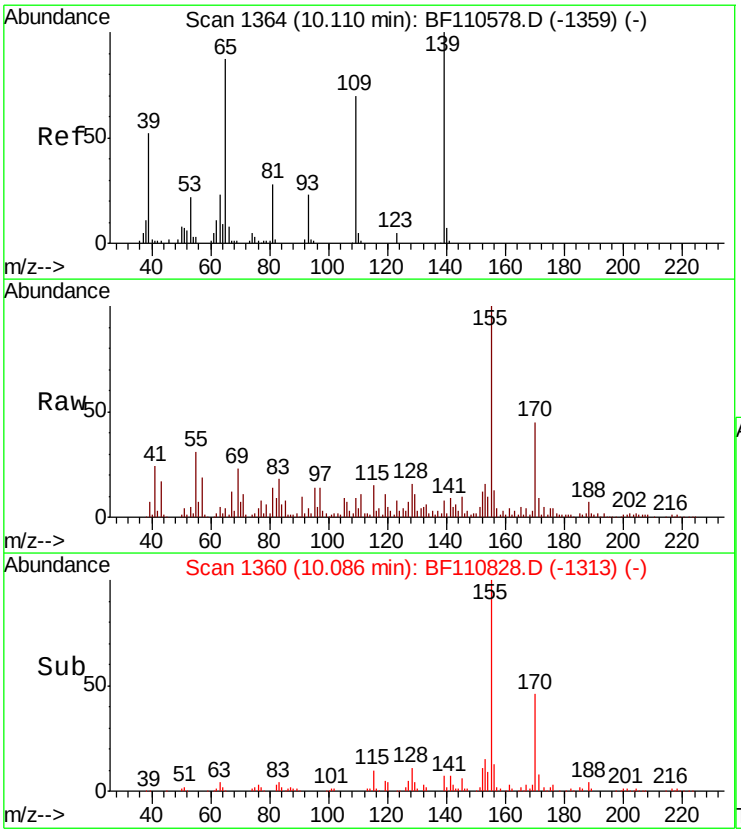
#55
Dibenzofuran
Concen: 2.926 ng
RT: 10.19 min Scan# 1378
Delta R.T. -0.01 min
Lab File: BF110828.D
Acq: 16 Nov 2018 20:28

Instrument :
BNA_F
ClientSampleId :
FDSB-02(10-12)

Tgt Ion:168 Resp: 27879

Ion	Ratio	Lower	Upper
168	100		
139	54.3	33.0	49.6#
169	44.8	11.3	16.9#

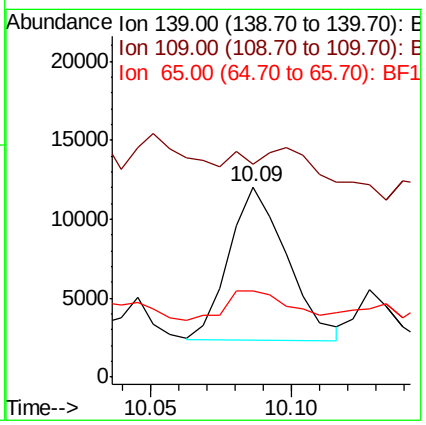


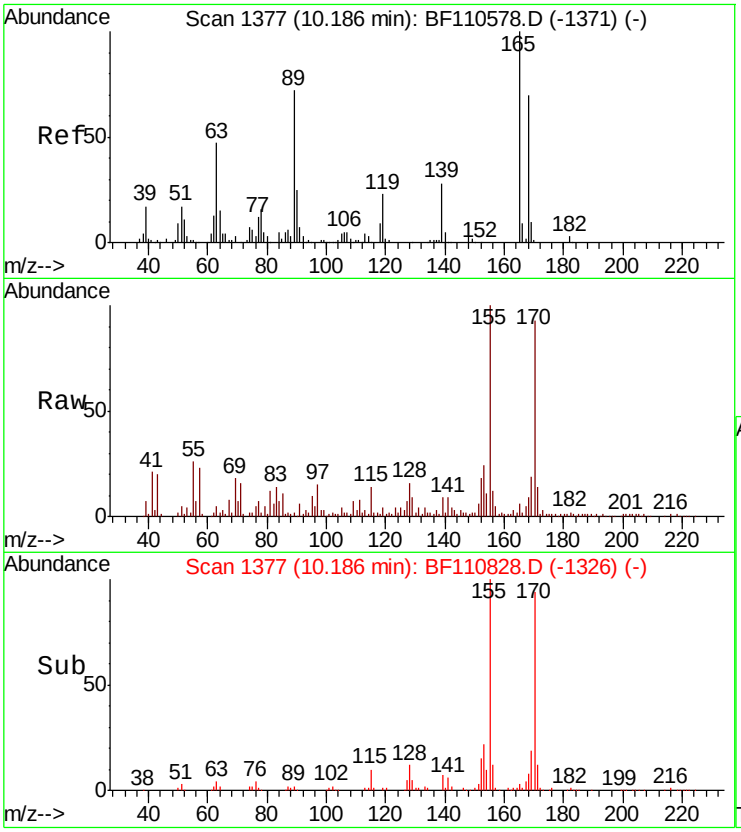


#56
4-Nitrophenol
Concen: 10.270 ng
RT: 10.09 min Scan# 1360
Delta R.T. -0.02 min
Lab File: BF110828.D
Acq: 16 Nov 2018 20:28

Tgt Ion:139 Resp: 13796

Ion	Ratio	Lower	Upper
139	100		
109	111.9	55.8	95.8#
65	45.5	77.9	117.9#



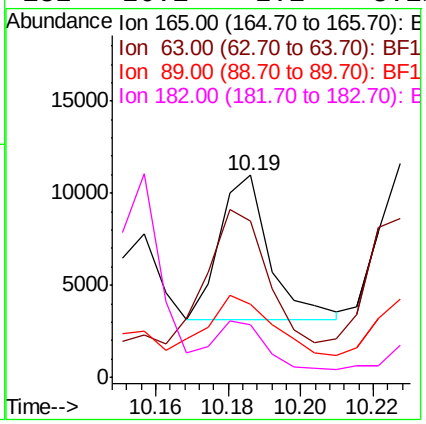


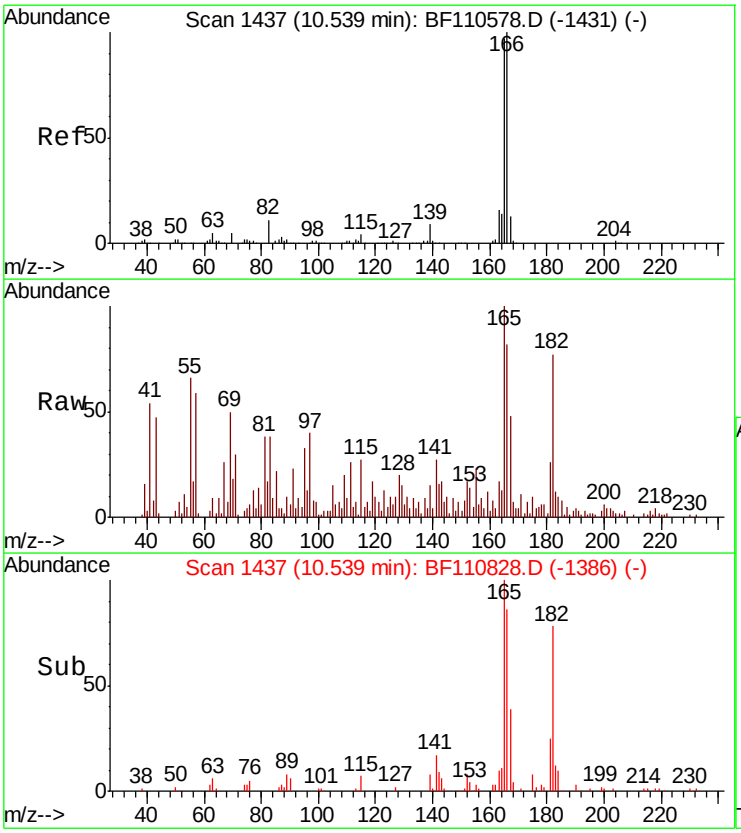
#57
2,4-Dinitrotoluene
Concen: 3.349 ng
RT: 10.19 min Scan# 1377
Delta R.T. -0.00 min
Lab File: BF110828.D
Acq: 16 Nov 2018 20:28

Instrument :
BNA_F
ClientSampleId :
FDSB-02(10-12)

Tgt Ion:165 Resp: 7610

Ion	Ratio	Lower	Upper
165	100		
63	77.1	44.8	67.2#
89	36.0	62.2	93.4#
182	26.1	2.1	3.1#

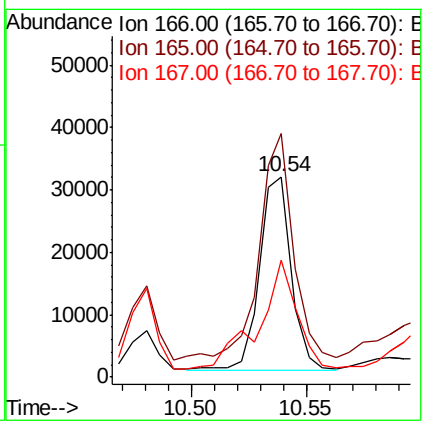


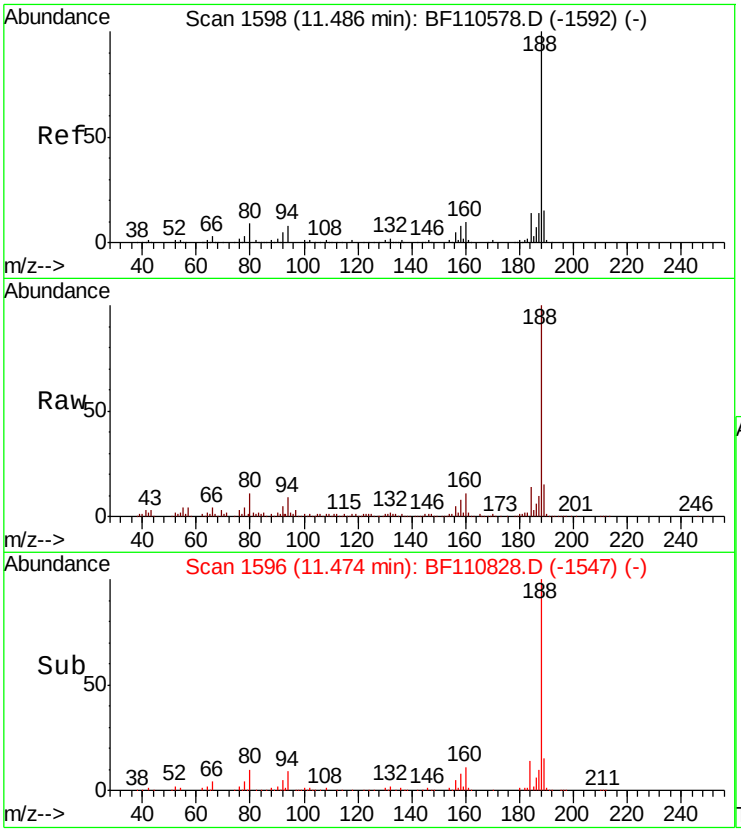


#58
Fluorene
Concen: 4.094 ng
RT: 10.54 min Scan# 1437
Delta R.T. -0.00 min
Lab File: BF110828.D
Acq: 16 Nov 2018 20:28

Tgt Ion:166 Resp: 29966

Ion	Ratio	Lower	Upper
166	100		
165	121.6	78.6	117.8#
167	58.7	10.8	16.2#



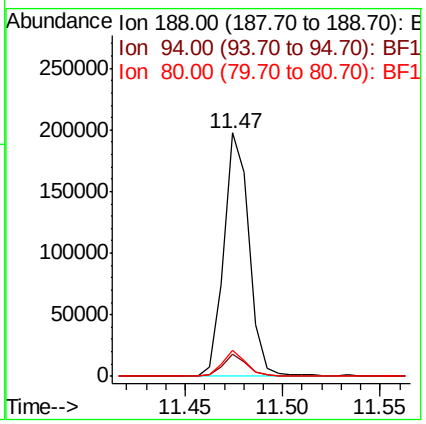


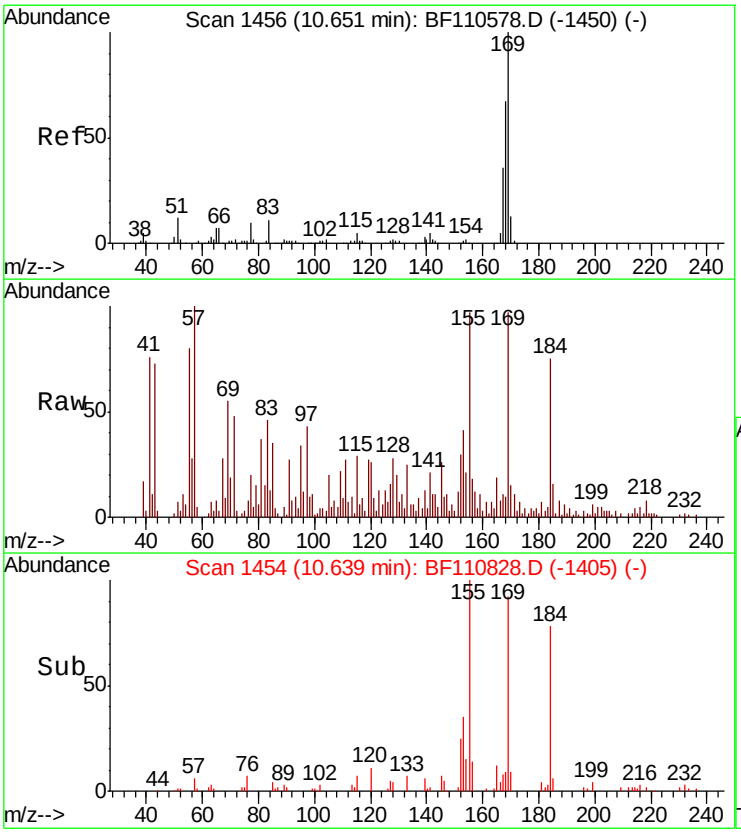
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.47 min Scan# 1596
Delta R.T. -0.01 min
Lab File: BF110828.D
Acq: 16 Nov 2018 20:28

Instrument :
BNA_F
ClientSampleId :
FDSB-02(10-12)

Tgt Ion:188 Resp: 176720

Ion	Ratio	Lower	Upper
188	100		
94	8.9	7.2	10.8
80	10.6	7.9	11.9

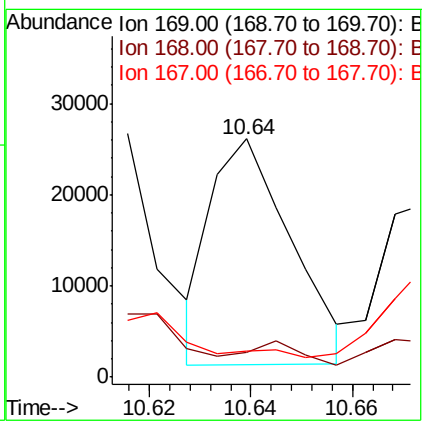


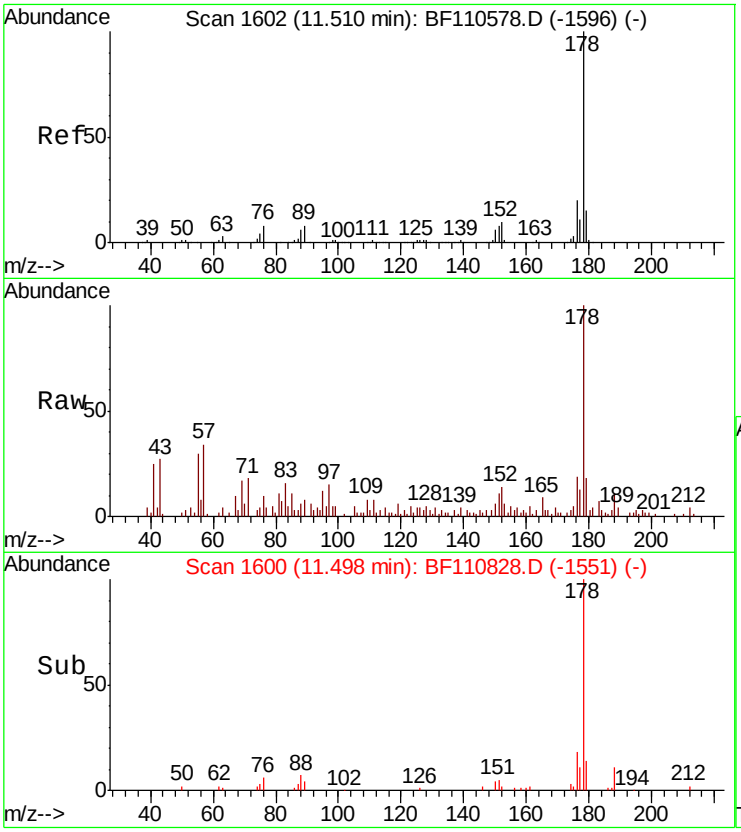


#66
n-Nitrosodiphenylamine
Concen: 4.594 ng
RT: 10.64 min Scan# 1454
Delta R.T. -0.01 min
Lab File: BF110828.D
Acq: 16 Nov 2018 20:28

Tgt Ion:169 Resp: 27367

Ion	Ratio	Lower	Upper
169	100		
168	10.3	51.2	76.8#
167	10.9	27.8	41.6#



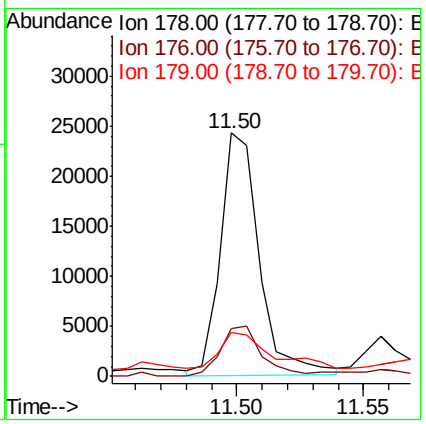


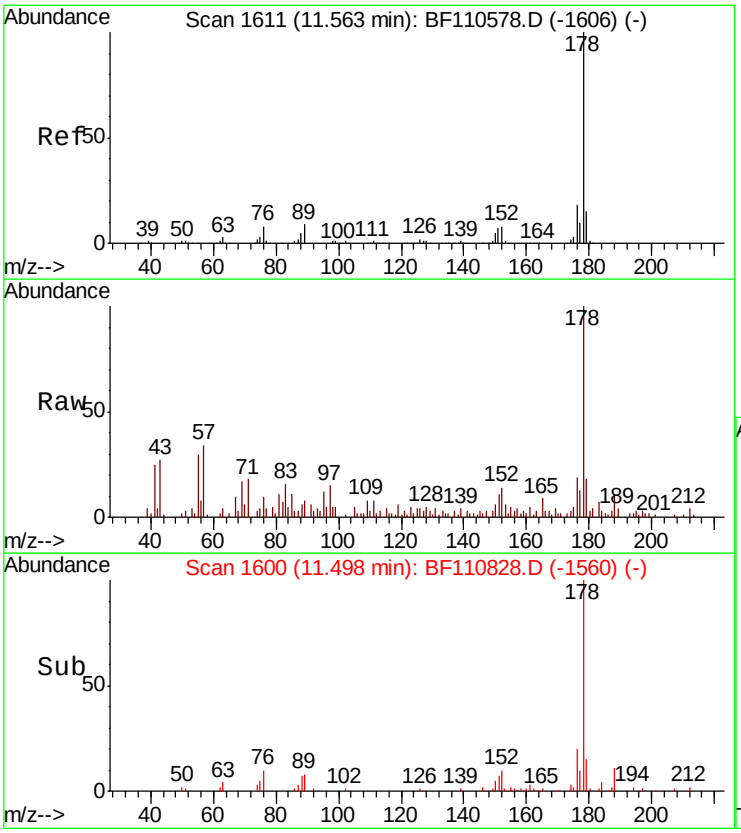
#71
Phenanthrene
Concen: 2.729 ng
RT: 11.50 min Scan# 1600
Delta R.T. -0.01 min
Lab File: BF110828.D
Acq: 16 Nov 2018 20:28

Instrument :
BNA_F
ClientSampleId :
FDSB-02(10-12)

Tgt Ion:178 Resp: 25840

Ion	Ratio	Lower	Upper
178	100		
176	19.4	15.5	23.3
179	18.3	12.5	18.7

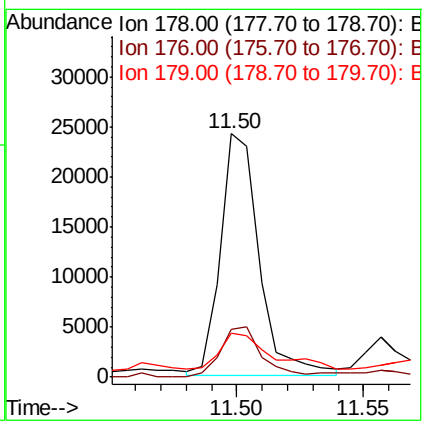


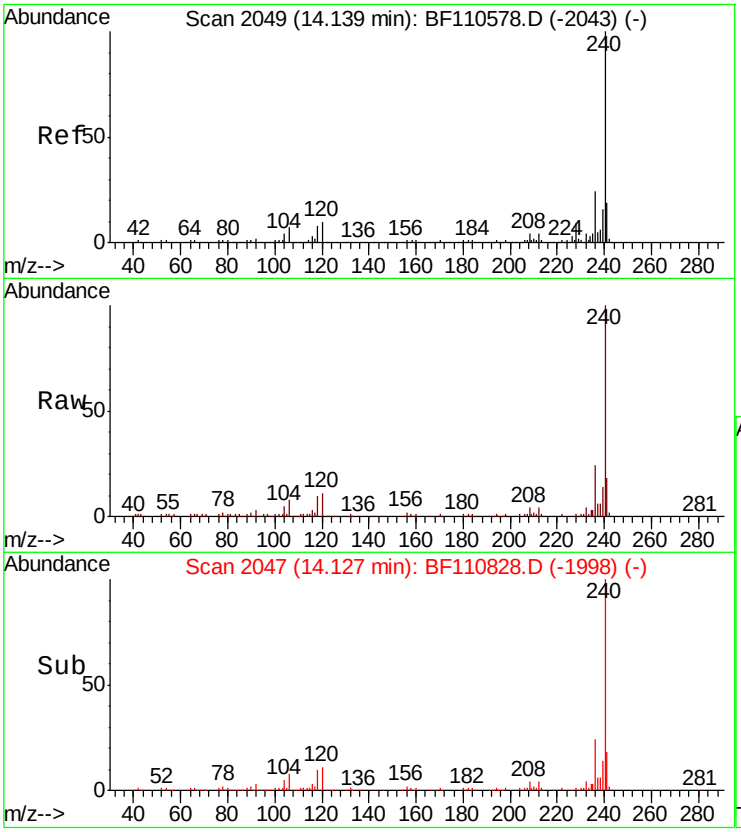


#72
Anthracene
Concen: 2.681 ng
RT: 11.50 min Scan# 1600
Delta R.T. -0.06 min
Lab File: BF110828.D
Acq: 16 Nov 2018 20:28

Tgt Ion:178 Resp: 25606

Ion	Ratio	Lower	Upper
178	100		
176	19.4	15.4	23.2
179	18.3	12.6	18.8



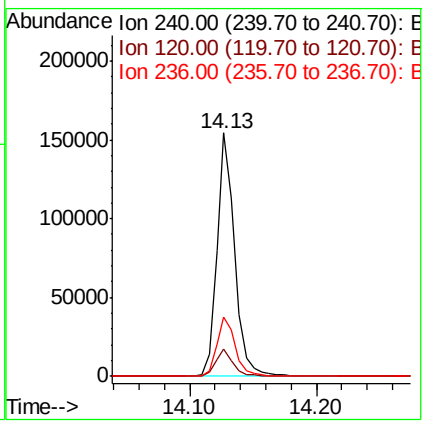


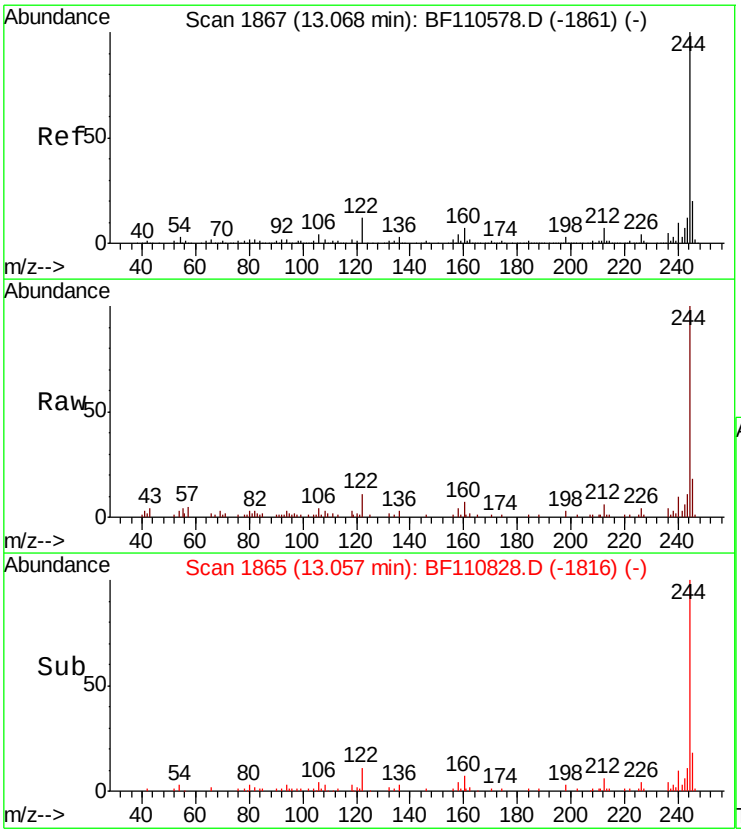
#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.13 min Scan# 2047
Delta R.T. -0.01 min
Lab File: BF110828.D
Acq: 16 Nov 2018 20:28

Instrument :
BNA_F
ClientSampleId :
FDSB-02(10-12)

Tgt Ion:240 Resp: 151012

Ion	Ratio	Lower	Upper
240	100		
120	11.4	8.3	12.5
236	24.5	21.2	31.8

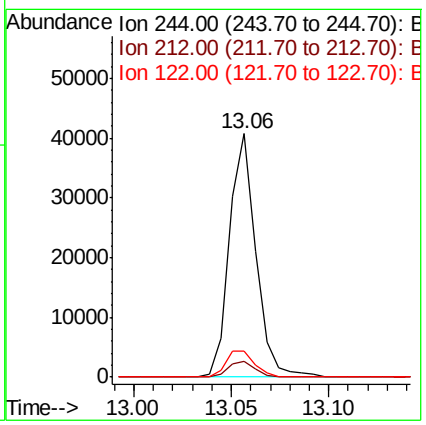


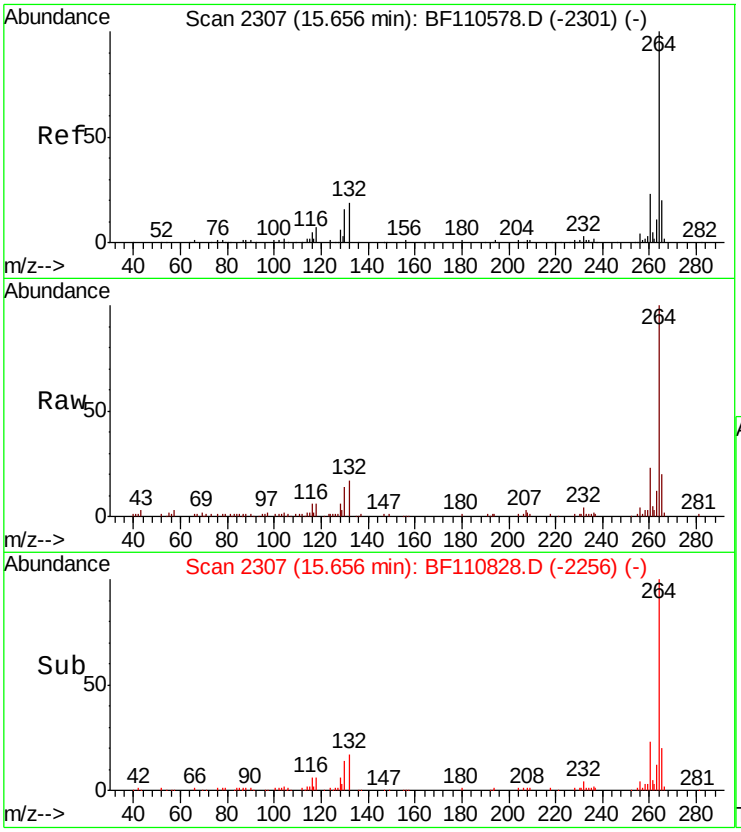


#79
Terphenyl-d14
Concen: 4.765 ng
RT: 13.06 min Scan# 1865
Delta R.T. -0.01 min
Lab File: BF110828.D
Acq: 16 Nov 2018 20:28

Tgt Ion:244 Resp: 38420

Ion	Ratio	Lower	Upper
244	100		
212	6.3	5.8	8.8
122	10.9	8.7	13.1





#87
Perylene-d12
Concen: 20.000 ng
RT: 15.66 min Scan# 2307
Delta R.T. -0.00 min
Lab File: BF110828.D
Acq: 16 Nov 2018 20:28

Instrument :
BNA_F
ClientSampleId :
FDSB-02(10-12)

Tgt Ion:264 Resp: 113224

Ion	Ratio	Lower	Upper
264	100		
260	22.9	18.7	28.1
265	20.5	16.7	25.1