Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF122018\
Data File : BF111651.D
Acq On : 20 Dec 2018 21:00
Operator : JU/SJ
Sample : J6346-01
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : DW-5

Quant Time: Dec 21 06:21:48 2018
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF121918.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Dec 19 17:39:39 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.90	152	203374	20.00	ng		0.00
21) Naphthalene-d8	8.17	136	744973	20.00	ng		0.00
39) Acenaphthene-d10	9.93	164	337125	20.00	ng		0.00
64) Phenanthrene-d10	11.42	188	508964	20.00	ng		0.00
76) Chrysene-d12	14.05	240	446898	20.00	ng		0.00
87) Perylene-d12	15.53	264	377561	20.00	ng		0.01
System Monitoring Compounds							
5) 2-Fluorophenol	5.52	112	1169366	98.01	ng		0.00
7) Phenol-d6	6.52	99	1522611	100.27	ng		0.00
23) Nitrobenzene-d5	7.45	82	943712	73.74	ng		0.00
42) 2,4,6-Tribromophenol	10.72	330	327038	82.10	ng		0.00
45) 2-Fluorobiphenyl	9.25	172	1640377	70.92	ng		0.00
79) Terphenyl-d14	13.00	244	1195392	50.73	ng		0.00
Target Compounds							Qvalue
10) Phenol	6.53	94	111222	6.492	ng		97
19) n-Nitroso-di-n-propylamine	7.45	70	129806	12.872	ng	#	79
25) Isophorone	7.45	82	943704	41.534	ng	#	64
50) Dimethylphthalate	9.64	163	183936	7.461	ng		98
52) Acenaphthene	9.96	154	90279	4.446	ng		98
57) 2,4-Dinitrotoluene	9.93	165	45751	7.744	ng	#	25
58) Fluorene	10.47	166	69348	3.137	ng		100
65) 4,6-Dinitro-2-methylphenol	10.72	198	705	6.981	ng	#	1
67) 4-Bromophenyl-phenylether	10.72	248	19905	3.153	ng	#	1
71) Phenanthrene	11.44	178	427098	15.823	ng		94
72) Anthracene	11.49	178	131113	4.839	ng		95
73) Carbazole	11.64	167	94311	3.585	ng		95
75) Fluoranthene	12.63	202	870661	31.853	ng		95
78) Pyrene	12.86	202	659089	20.884	ng		95
81) Benzo(a)anthracene	14.04	228	261214	10.242	ng		98
83) Chrysene	14.07	228	371627	14.825	ng		98
84) Bis(2-ethylhexyl)phthalate	14.03	149	246998	15.243	ng	#	98
86) Indeno(1,2,3-cd)pyrene	17.00	276	138734	6.510	ng	#	84
88) Benzo(b)fluoranthene	15.09	252	545264	24.710	ng		98
89) Benzo(k)fluoranthene	15.09	252	545264	25.956	ng		98
90) Benzo(a)pyrene	15.46	252	214807	10.715	ng		98

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

Quantitation Report (Not Reviewed)

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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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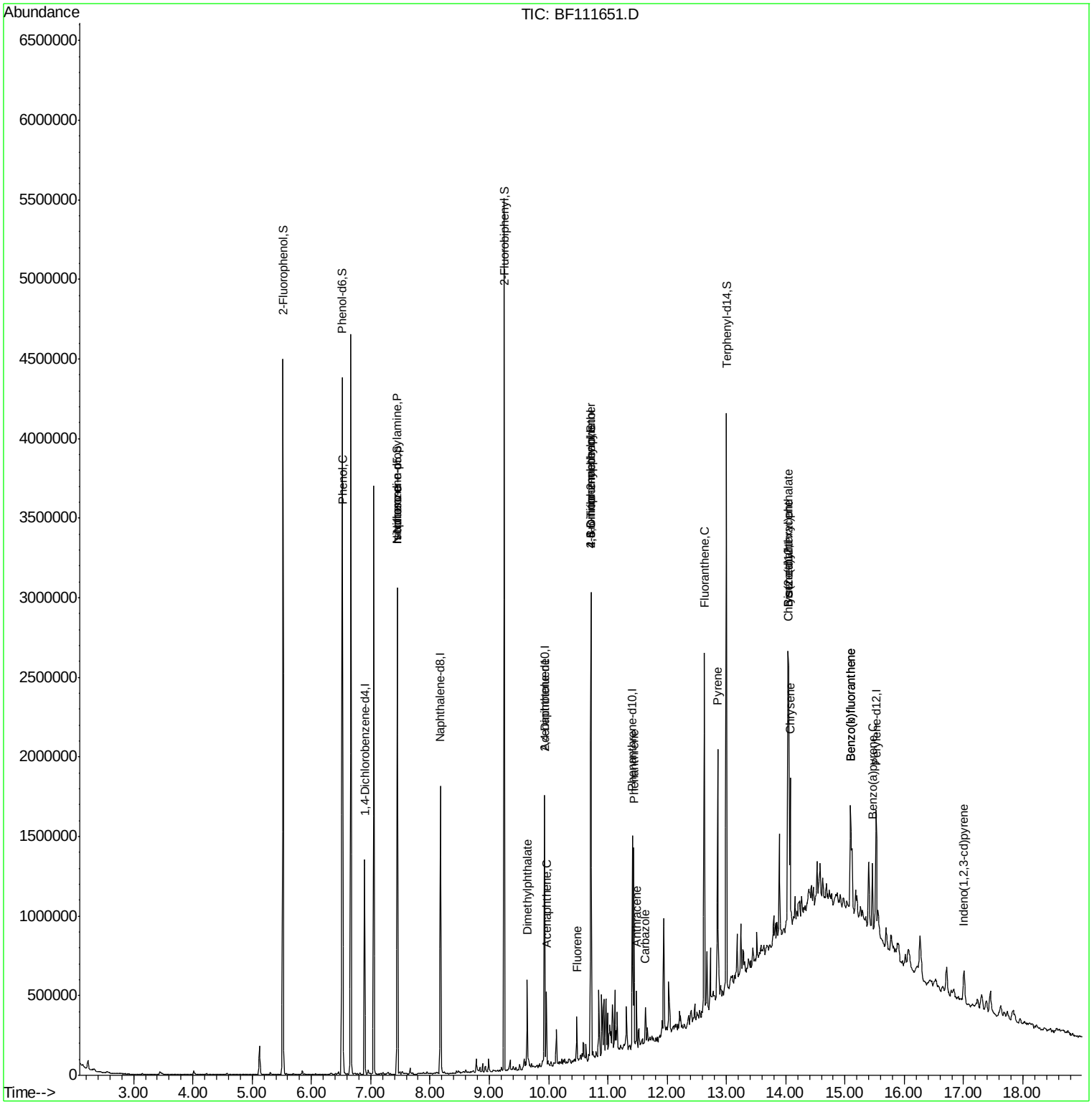
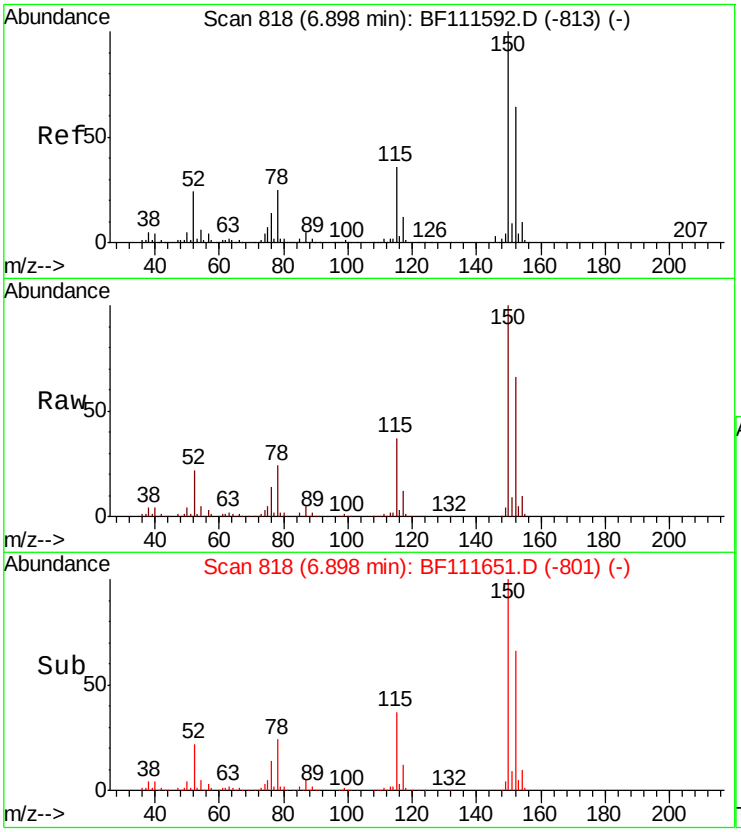


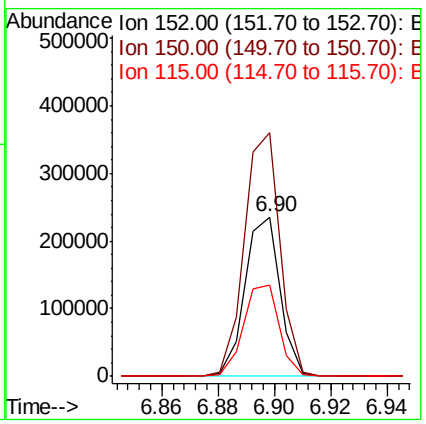


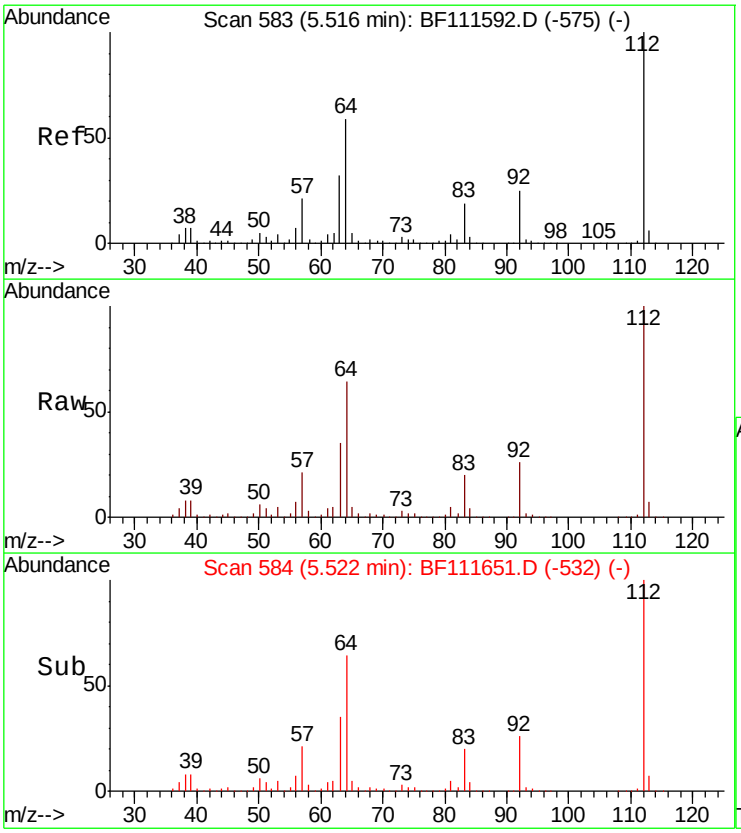
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.90 min Scan# 818
Delta R.T. -0.00 min
Lab File: BF111651.D
Acq: 20 Dec 2018 21:00

Instrument :
BNA_F
ClientSampleId :
DW-5

Tgt Ion:152 Resp: 203374

Ion	Ratio	Lower	Upper
152	100		
150	152.6	126.6	189.8
115	57.2	50.7	76.1

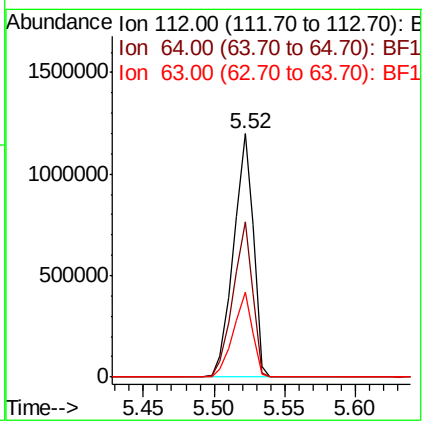


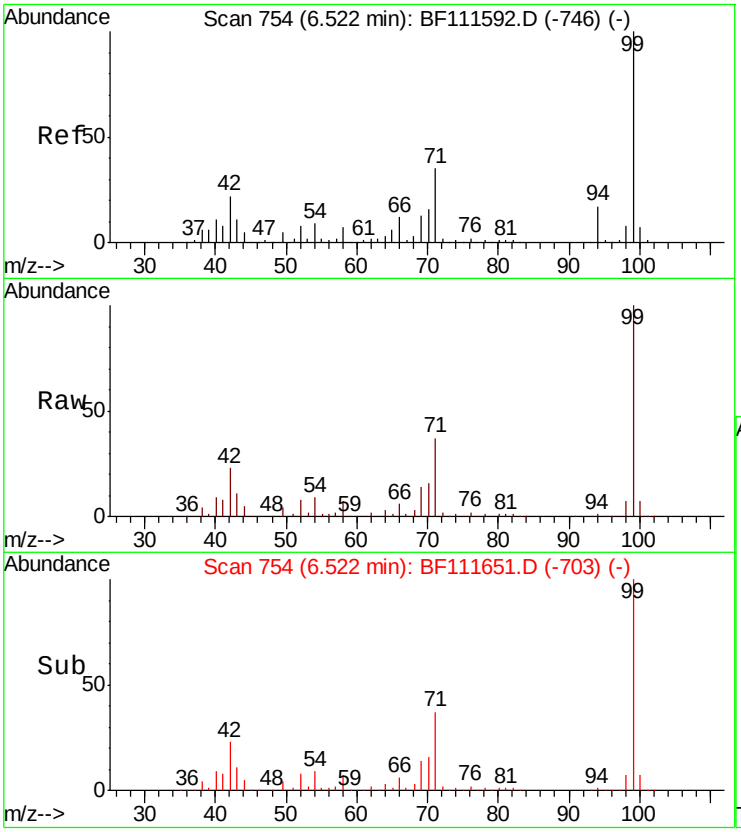


#5
2-Fluorophenol
Concen: 98.008 ng
RT: 5.52 min Scan# 584
Delta R.T. 0.01 min
Lab File: BF111651.D
Acq: 20 Dec 2018 21:00

Tgt Ion:112 Resp: 1169366

Ion	Ratio	Lower	Upper
112	100		
64	64.0	51.8	77.6
63	34.7	26.8	40.2



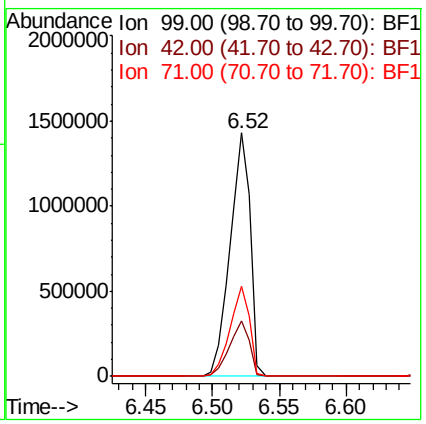


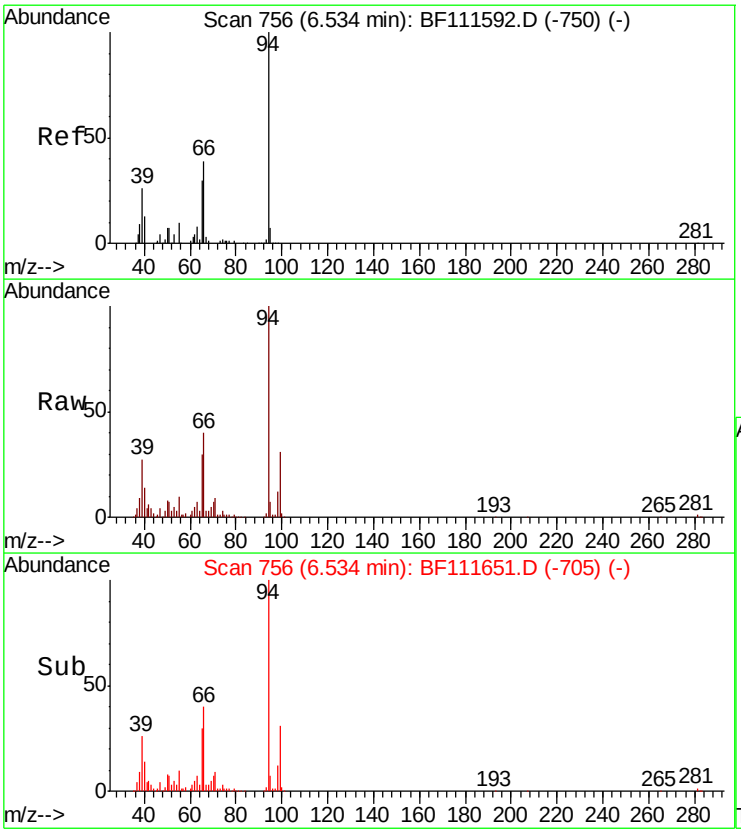
#7
Phenol-d6
Concen: 100.274 ng
RT: 6.52 min Scan# 754
Delta R.T. -0.00 min
Lab File: BF111651.D
Acq: 20 Dec 2018 21:00

Instrument :
BNA_F
ClientSampleId :
DW-5

Tgt Ion: 99 Resp: 1522611

Ion	Ratio	Lower	Upper
99	100		
42	22.8	17.4	26.0
71	36.9	26.1	39.1

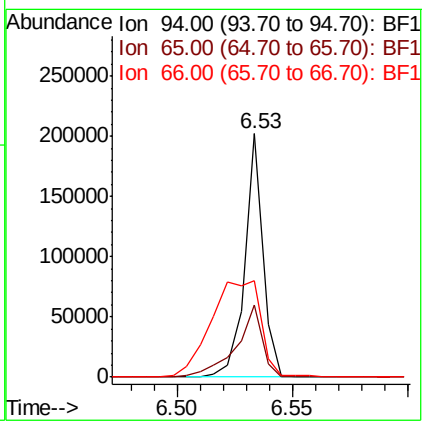


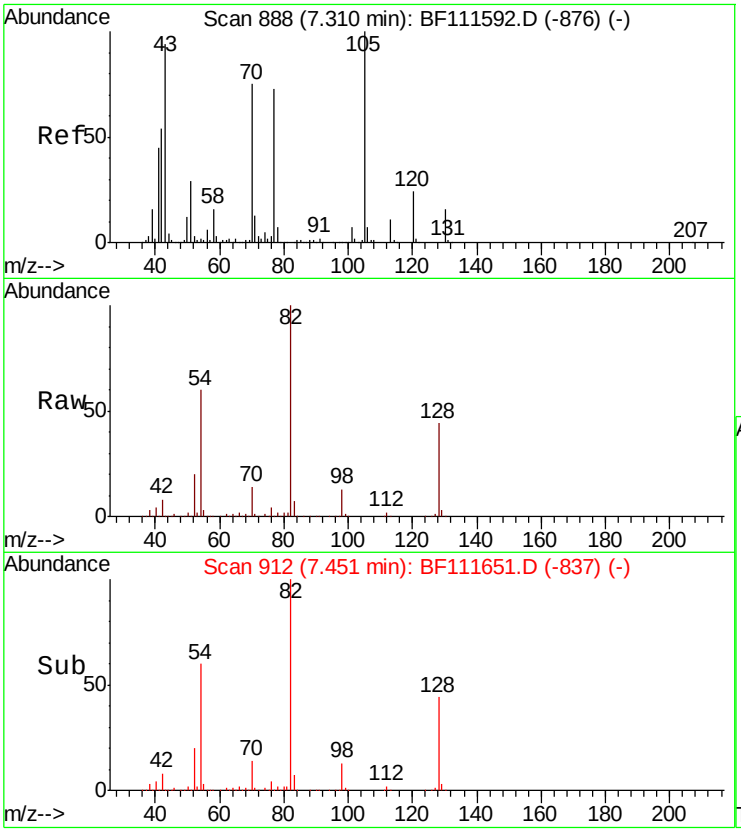


#10
Phenol
Concen: 6.492 ng
RT: 6.53 min Scan# 756
Delta R.T. -0.00 min
Lab File: BF111651.D
Acq: 20 Dec 2018 21:00

Tgt Ion: 94 Resp: 111222

Ion	Ratio	Lower	Upper
94	100		
65	29.6	11.7	51.7
66	39.6	21.0	61.0



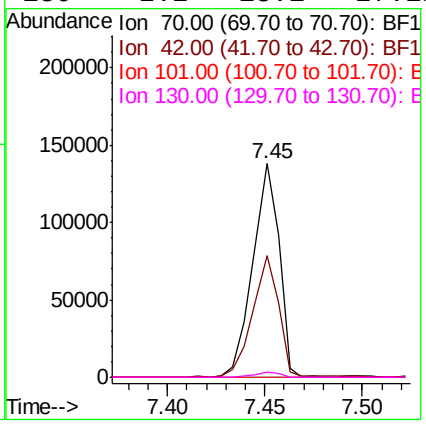


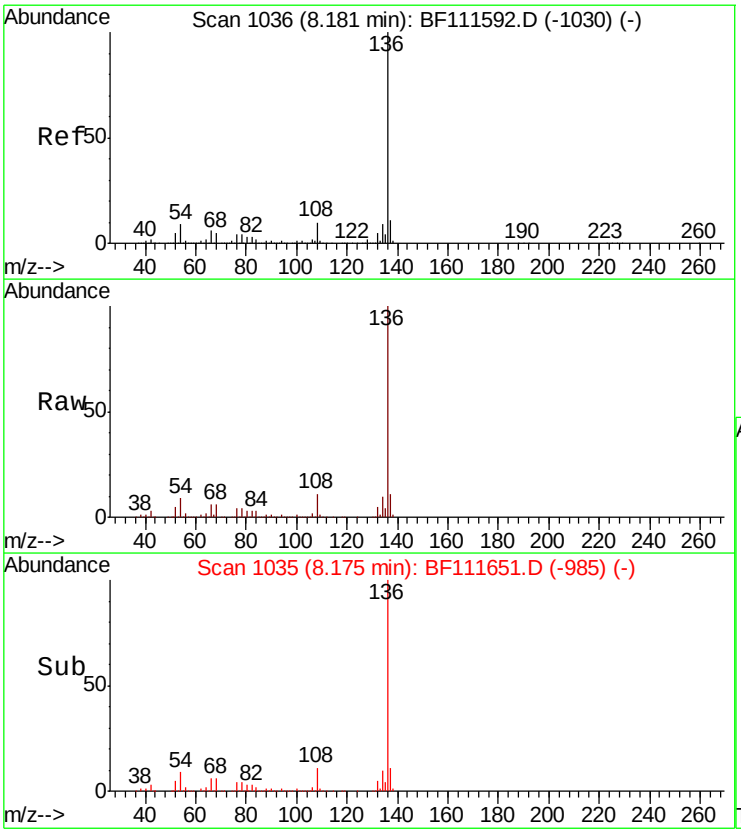
#19
n-Nitroso-di-n-propylamine
Concen: 12.872 ng
RT: 7.45 min Scan# 912
Delta R.T. 0.14 min
Lab File: BF111651.D
Acq: 20 Dec 2018 21:00

Instrument :
BNA_F
ClientSampleId :
DW-5

Tgt Ion: 70 Resp: 129806

Ion	Ratio	Lower	Upper
70	100		
42	56.8	53.2	79.8
101	0.0	8.2	12.4#
130	2.2	18.1	27.1#

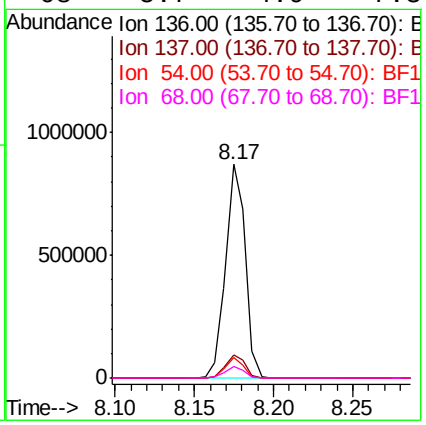


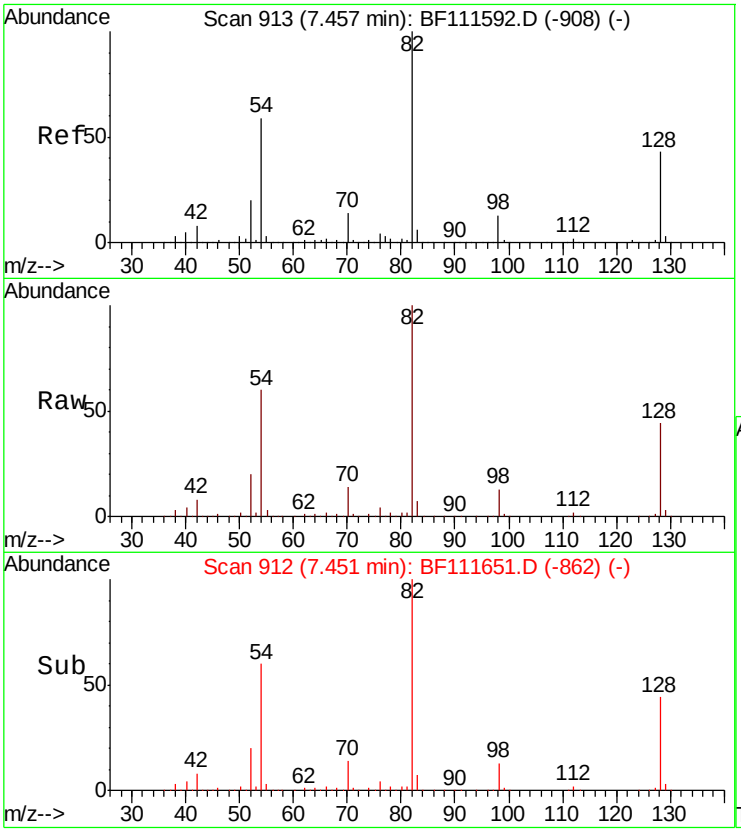


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.17 min Scan# 1035
Delta R.T. -0.01 min
Lab File: BF111651.D
Acq: 20 Dec 2018 21:00

Tgt Ion:136 Resp: 744973

Ion	Ratio	Lower	Upper
136	100		
137	11.0	9.1	13.7
54	9.4	7.7	11.5
68	5.7	4.9	7.3



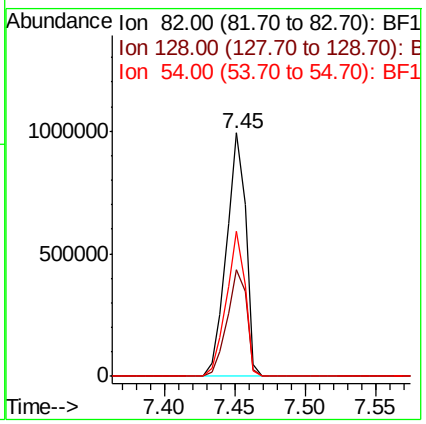


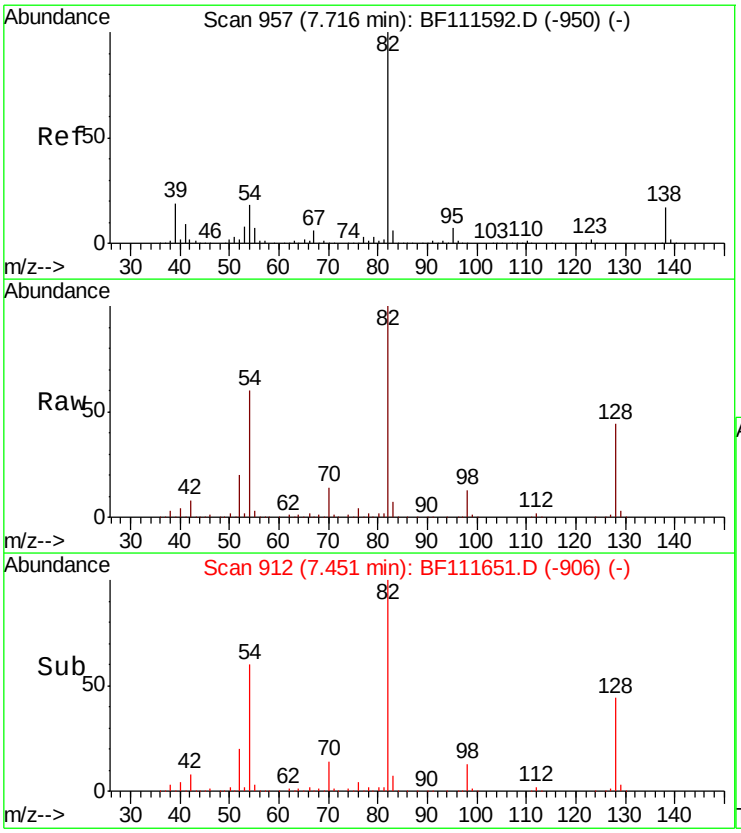
#23
Nitrobenzene-d5
Concen: 73.736 ng
RT: 7.45 min Scan# 912
Delta R.T. -0.01 min
Lab File: BF111651.D
Acq: 20 Dec 2018 21:00

Instrument :
BNA_F
ClientSampleId :
DW-5

Tgt Ion: 82 Resp: 943712

Ion	Ratio	Lower	Upper
82	100		
128	44.0	37.4	56.2
54	59.7	47.6	71.4

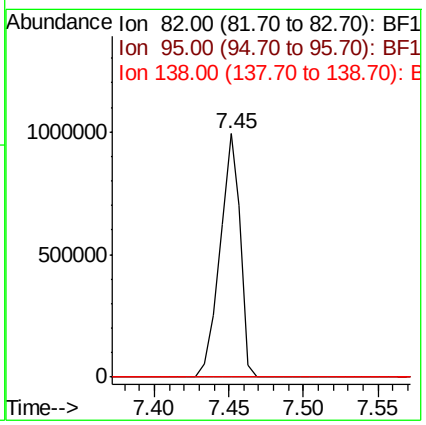


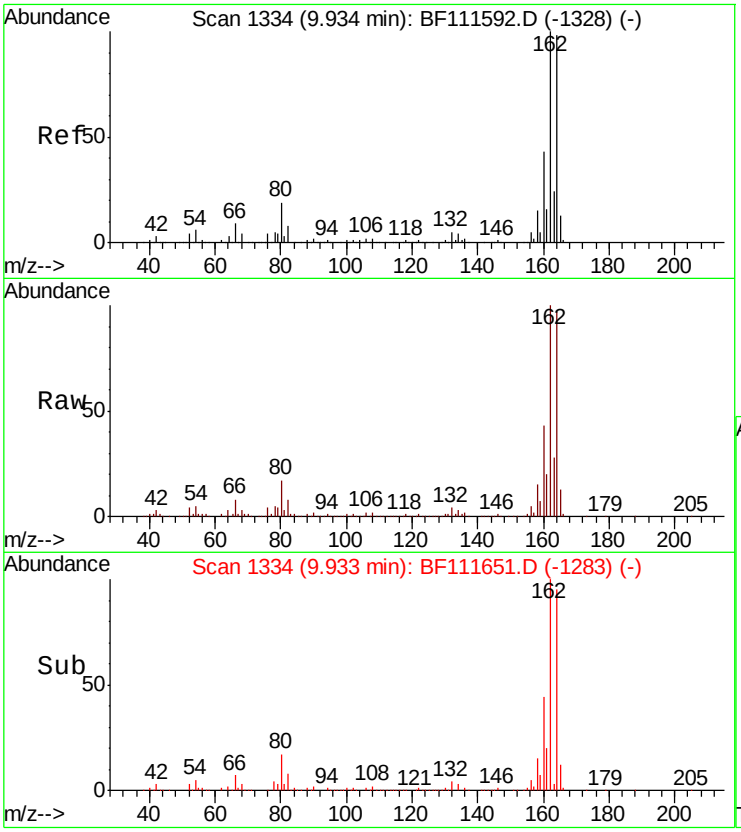


#25
Isophorone
Concen: 41.534 ng
RT: 7.45 min Scan# 912
Delta R.T. -0.26 min
Lab File: BF111651.D
Acq: 20 Dec 2018 21:00

Tgt Ion: 82 Resp: 943704

Ion	Ratio	Lower	Upper
82	100		
95	0.0	5.4	8.2#
138	0.0	15.1	22.7#



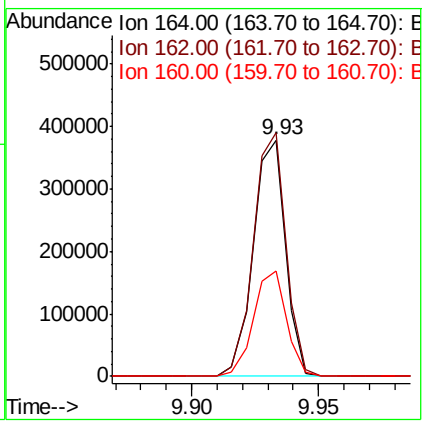


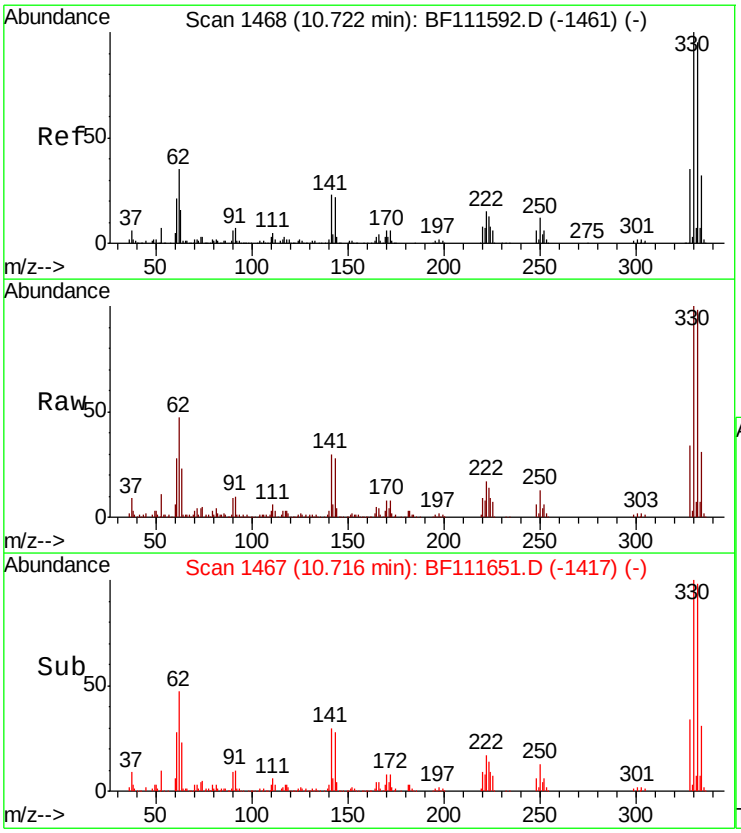
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.93 min Scan# 1334
Delta R.T. -0.00 min
Lab File: BF111651.D
Acq: 20 Dec 2018 21:00

Instrument :
BNA_F
ClientSampleId :
DW-5

Tgt Ion:164 Resp: 337125

Ion	Ratio	Lower	Upper
164	100		
162	102.9	81.4	122.0
160	44.8	35.7	53.5

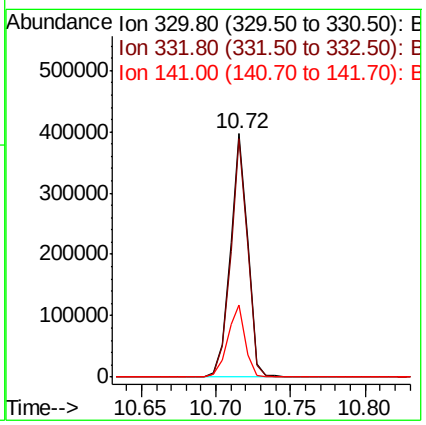


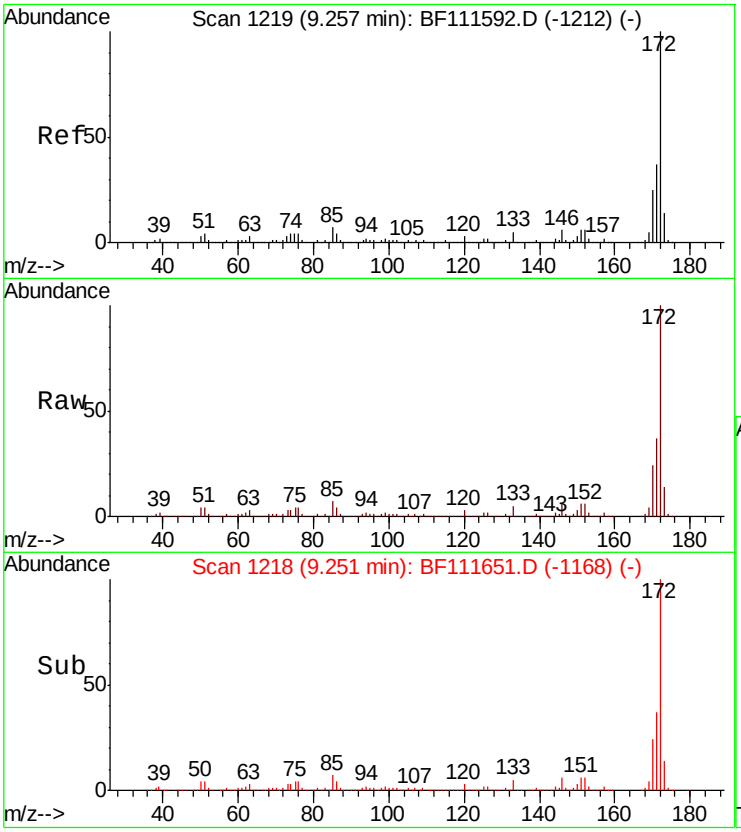


#42
2,4,6-Tribromophenol
Concen: 82.100 ng
RT: 10.72 min Scan# 1467
Delta R.T. -0.01 min
Lab File: BF111651.D
Acq: 20 Dec 2018 21:00

Tgt Ion:330 Resp: 327038

Ion	Ratio	Lower	Upper
330	100		
332	96.2	76.0	114.0
141	29.6	31.0	46.6#



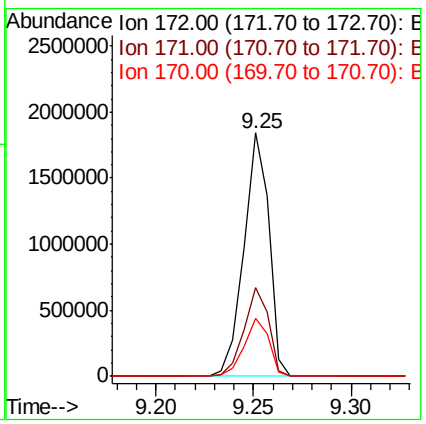


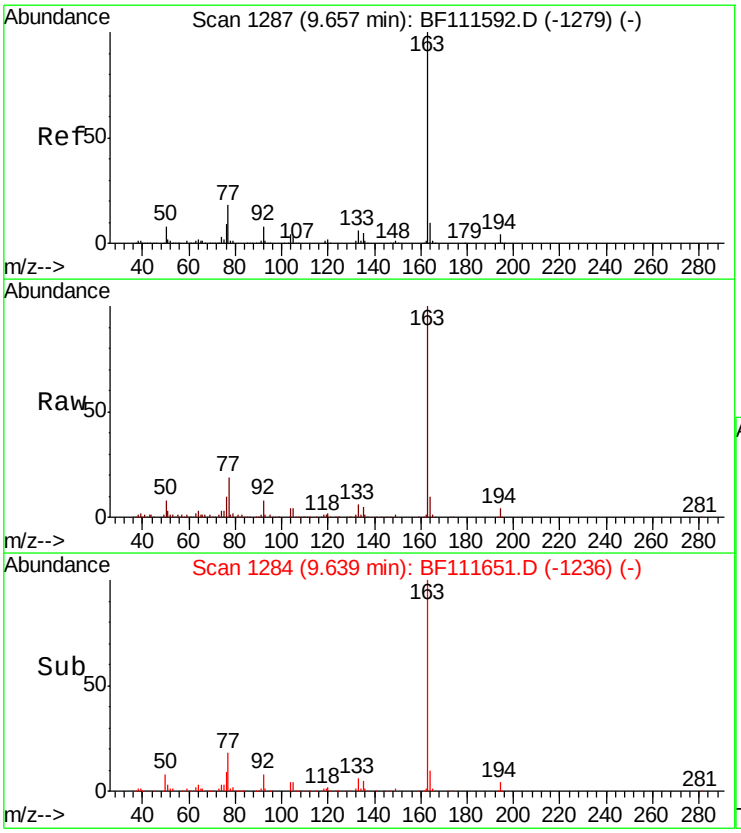
#45
2-Fluorobiphenyl
Concen: 70.922 ng
RT: 9.25 min Scan# 1218
Delta R.T. -0.01 min
Lab File: BF111651.D
Acq: 20 Dec 2018 21:00

Instrument :
BNA_F
ClientSampleId :
DW-5

Tgt Ion:172 Resp: 1640377

Ion	Ratio	Lower	Upper
172	100		
171	36.6	33.0	49.4
170	23.7	22.3	33.5

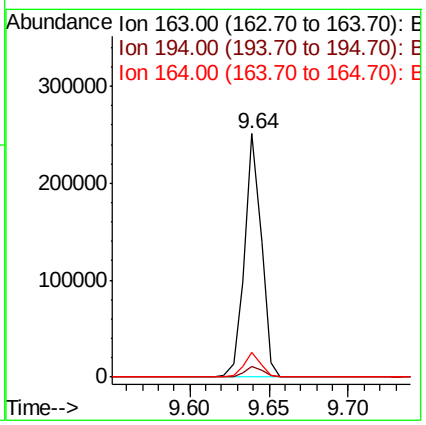


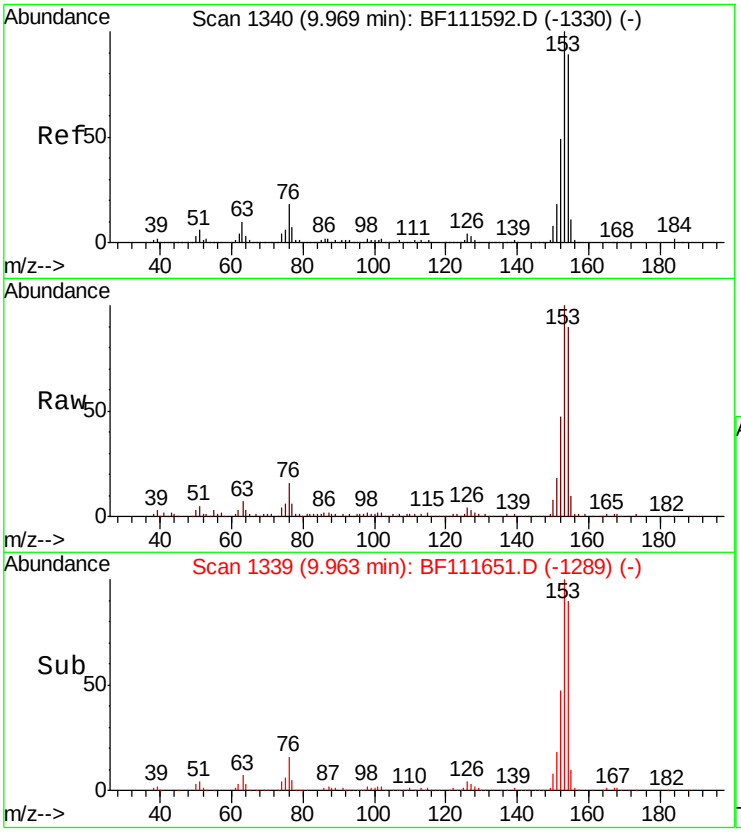


#50
Dimethylphthalate
Concen: 7.461 ng
RT: 9.64 min Scan# 1284
Delta R.T. -0.02 min
Lab File: BF111651.D
Acq: 20 Dec 2018 21:00

Tgt Ion:163 Resp: 183936

Ion	Ratio	Lower	Upper
163	100		
194	4.3	3.0	4.6
164	10.1	8.9	13.3



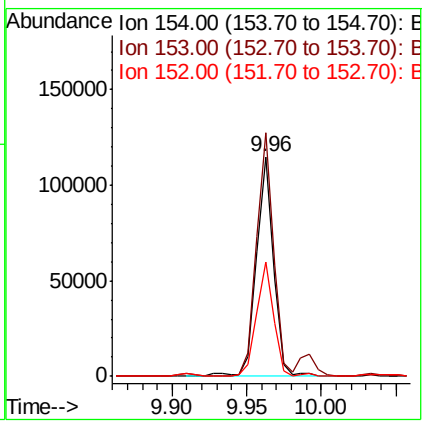


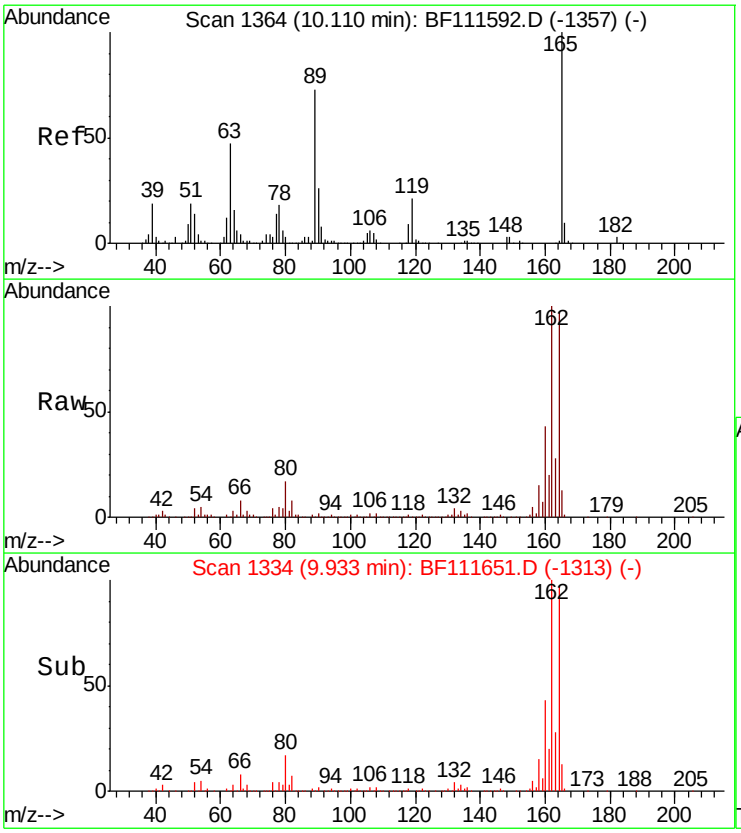
#52
Acenaphthene
Concen: 4.446 ng
RT: 9.96 min Scan# 1339
Delta R.T. -0.01 min
Lab File: BF111651.D
Acq: 20 Dec 2018 21:00

Instrument :
BNA_F
ClientSampleId :
DW-5

Tgt Ion:154 Resp: 90279

Ion	Ratio	Lower	Upper
154	100		
153	111.0	87.8	131.8
152	52.3	43.4	65.2

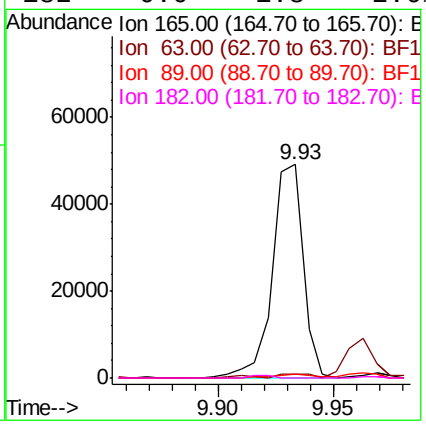


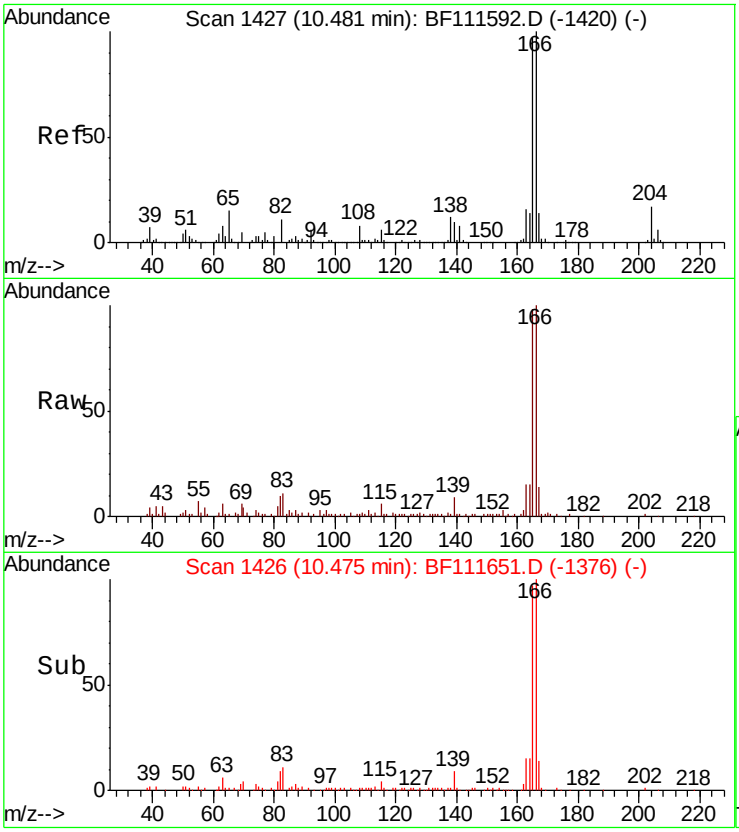


#57
2,4-Dinitrotoluene
Concen: 7.744 ng
RT: 9.93 min Scan# 1334
Delta R.T. -0.18 min
Lab File: BF111651.D
Acq: 20 Dec 2018 21:00

Tgt Ion:165 Resp: 45751

Ion	Ratio	Lower	Upper
165	100		
63	1.5	34.6	52.0#
89	1.8	56.2	84.4#
182	0.0	1.8	2.6#



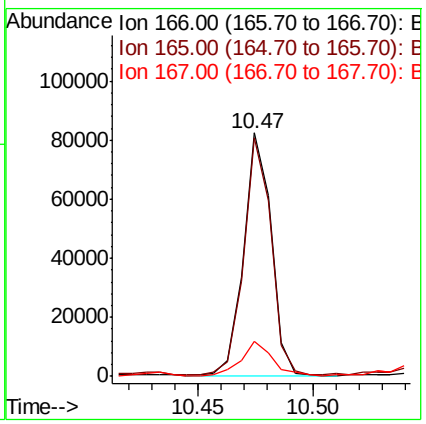


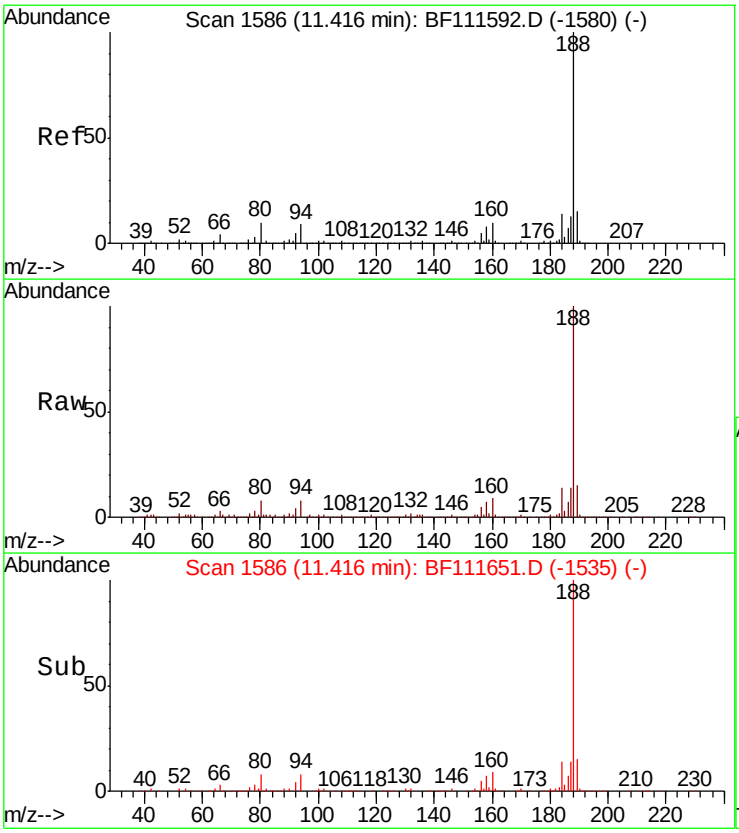
#58
Fluorene
Concen: 3.137 ng
RT: 10.47 min Scan# 1426
Delta R.T. -0.01 min
Lab File: BF111651.D
Acq: 20 Dec 2018 21:00

Instrument :
BNA_F
ClientSampleId :
DW-5

Tgt Ion:166 Resp: 69348

Ion	Ratio	Lower	Upper
166	100		
165	97.9	78.4	117.6
167	14.2	11.2	16.8

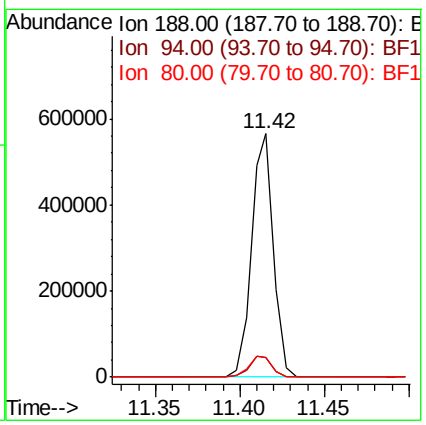


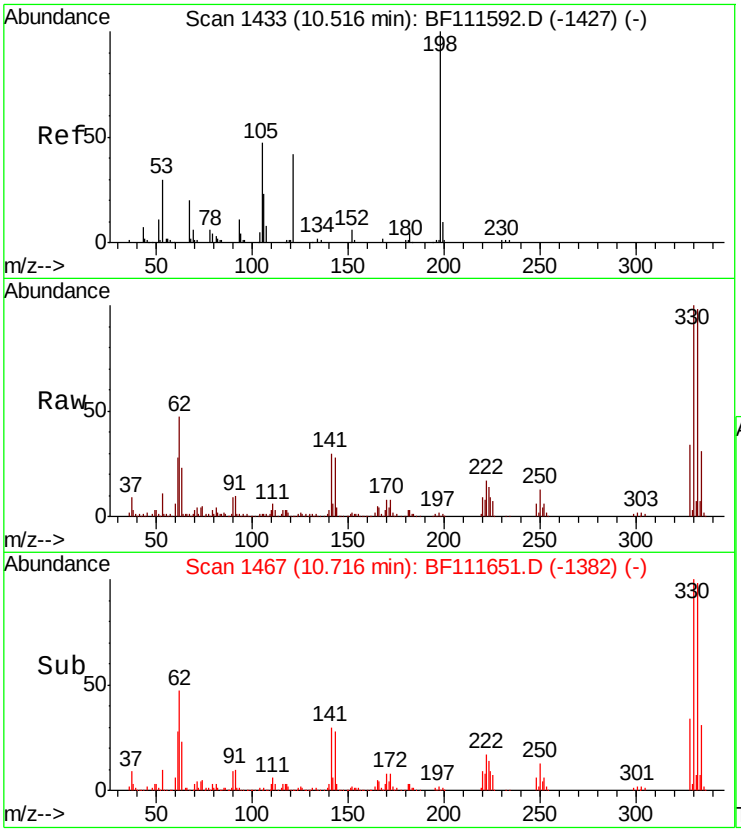


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.42 min Scan# 1586
Delta R.T. -0.00 min
Lab File: BF111651.D
Acq: 20 Dec 2018 21:00

Tgt Ion:188 Resp: 508964

Ion	Ratio	Lower	Upper
188	100		
94	7.9	9.6	14.4#
80	8.0	9.8	14.6#



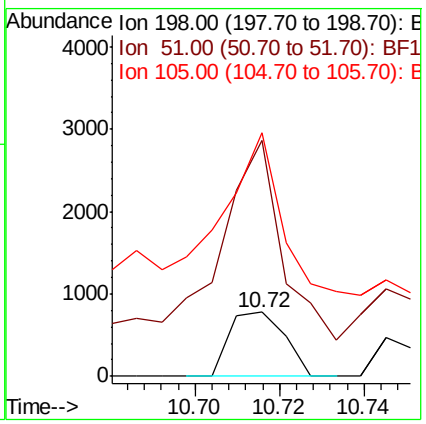


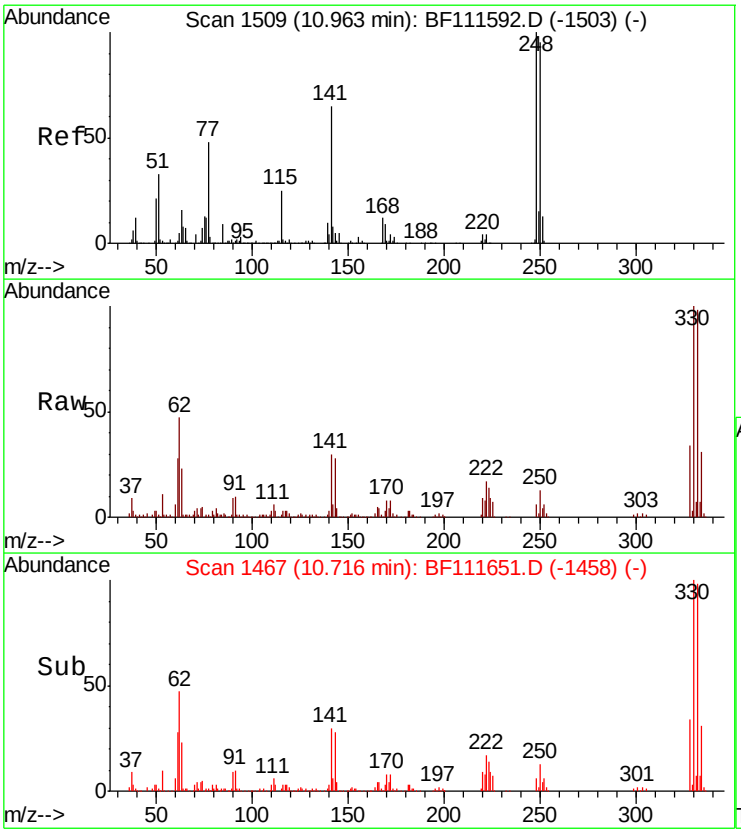
#65
4,6-Dinitro-2-methylphenol
Concen: 6.981 ng
RT: 10.72 min Scan# 1467
Delta R.T. 0.20 min
Lab File: BF111651.D
Acq: 20 Dec 2018 21:00

Instrument :
BNA_F
ClientSampleId :
DW-5

Tgt Ion:198 Resp: 705

Ion	Ratio	Lower	Upper
198	100		
51	369.3	48.0	88.0#
105	380.9	34.0	74.0#

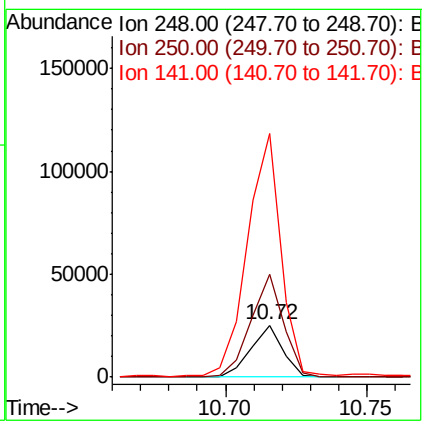


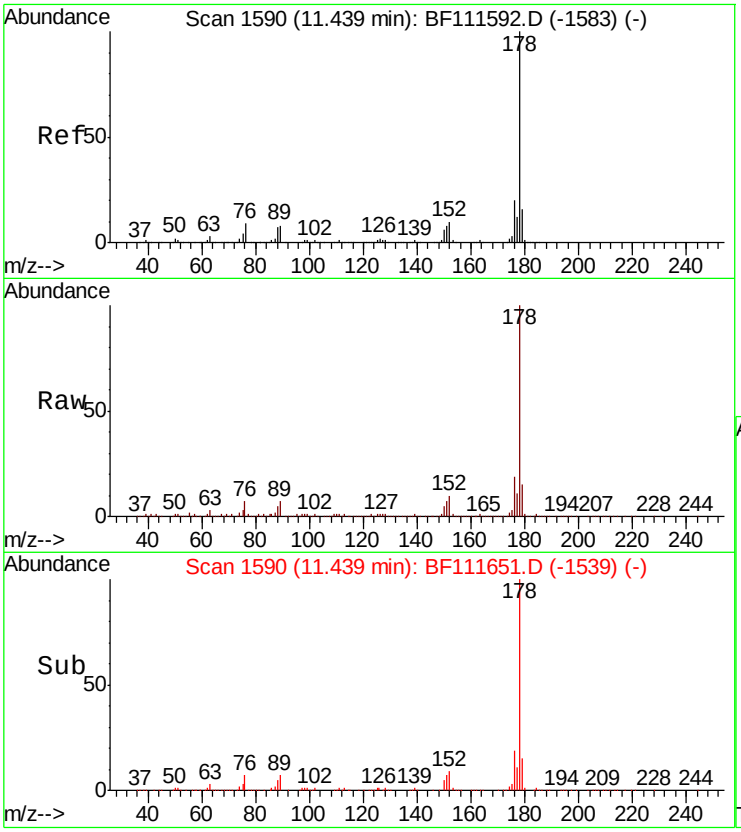


#67
4-Bromophenyl-phenylether
Concen: 3.153 ng
RT: 10.72 min Scan# 1467
Delta R.T. -0.25 min
Lab File: BF111651.D
Acq: 20 Dec 2018 21:00

Tgt Ion:248 Resp: 19905

Ion	Ratio	Lower	Upper
248	100		
250	199.8	77.0	115.4#
141	471.6	63.0	94.6#



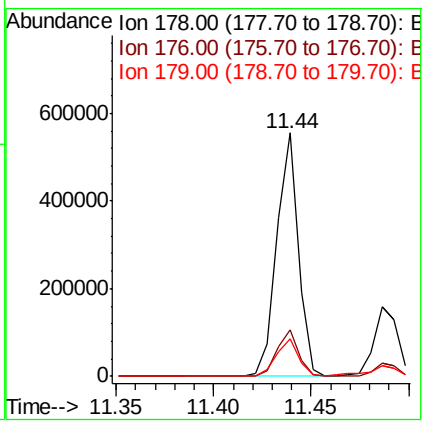


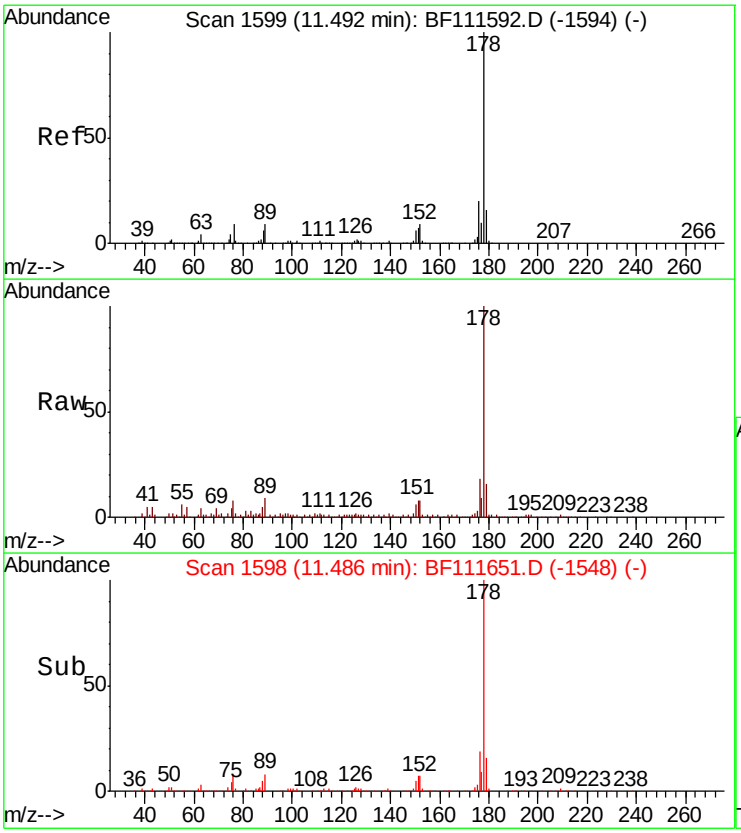
#71
Phenanthrene
Concen: 15.823 ng
RT: 11.44 min Scan# 1590
Delta R.T. -0.00 min
Lab File: BF111651.D
Acq: 20 Dec 2018 21:00

Instrument :
BNA_F
ClientSampleId :
DW-5

Tgt Ion:178 Resp: 427098

Ion	Ratio	Lower	Upper
178	100		
176	19.0	18.1	27.1
179	15.5	14.0	21.0

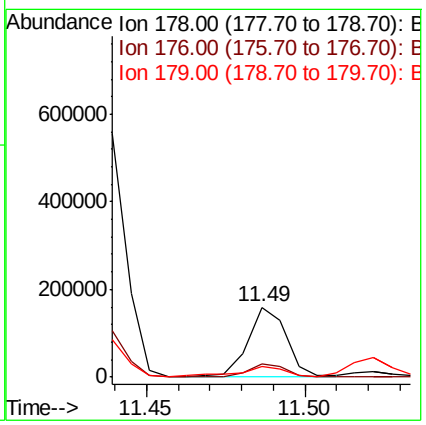


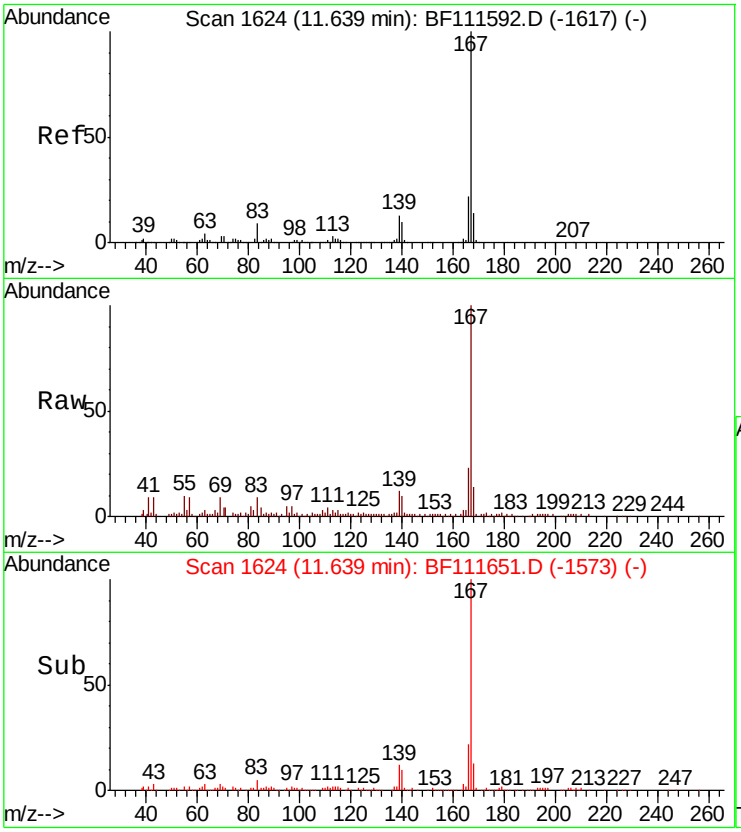


#72
Anthracene
Concen: 4.839 ng
RT: 11.49 min Scan# 1598
Delta R.T. -0.01 min
Lab File: BF111651.D
Acq: 20 Dec 2018 21:00

Tgt Ion:178 Resp: 131113

Ion	Ratio	Lower	Upper
178	100		
176	18.4	17.2	25.8
179	15.9	13.8	20.8



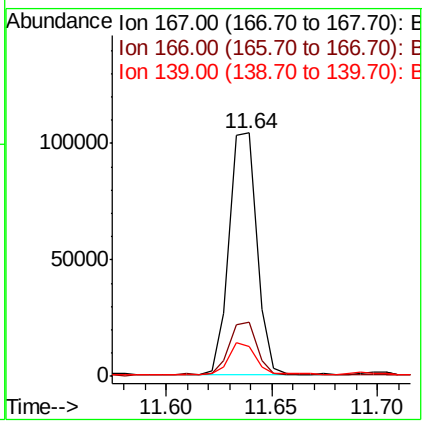


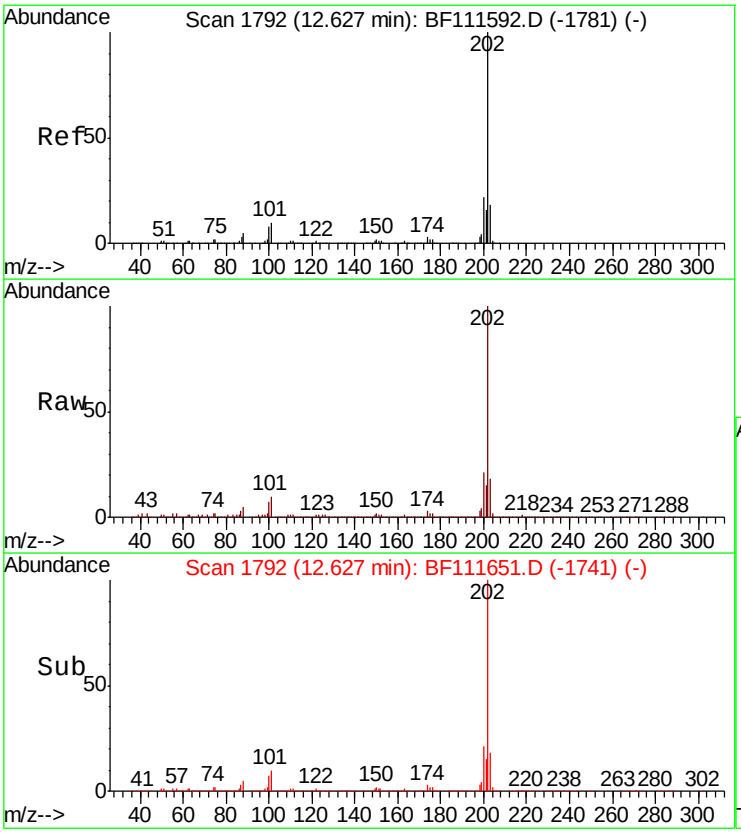
#73
Carbazole
Concen: 3.585 ng
RT: 11.64 min Scan# 1624
Delta R.T. -0.00 min
Lab File: BF111651.D
Acq: 20 Dec 2018 21:00

Instrument :
BNA_F
ClientSampleId :
DW-5

Tgt Ion:167 Resp: 94311

Ion	Ratio	Lower	Upper
167	100		
166	22.5	19.3	28.9
139	12.1	11.9	17.9

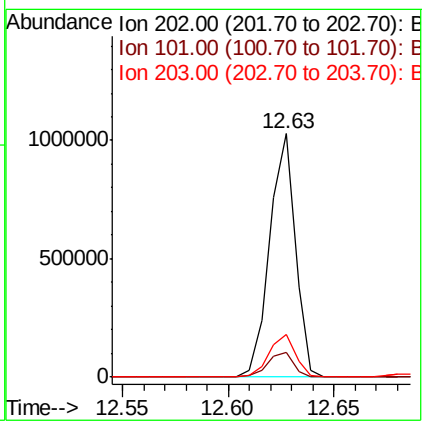


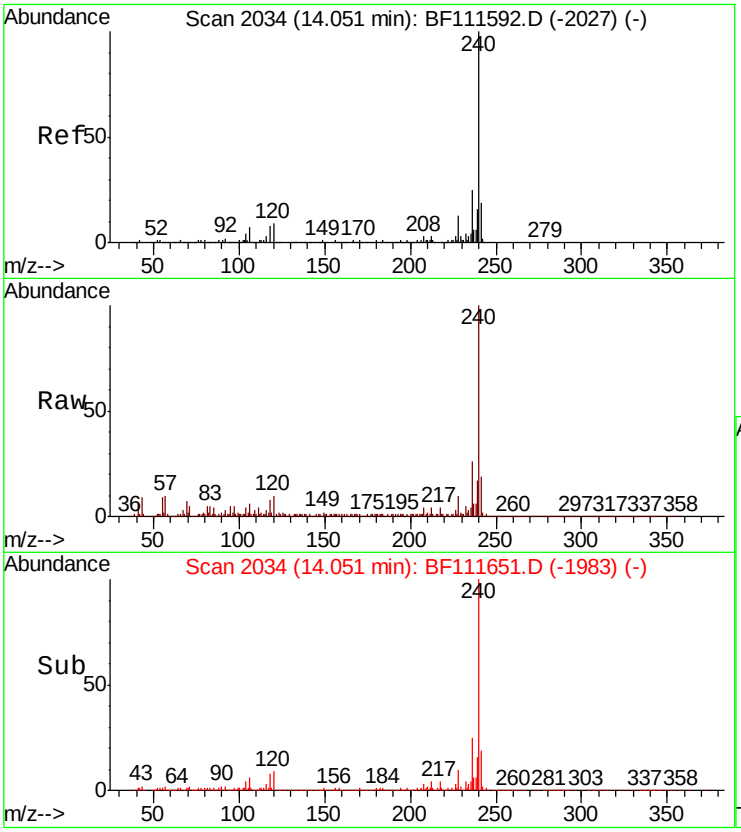


#75
Fluoranthene
Concen: 31.853 ng
RT: 12.63 min Scan# 1792
Delta R.T. -0.00 min
Lab File: BF111651.D
Acq: 20 Dec 2018 21:00

Tgt Ion:202 Resp: 870661

Ion	Ratio	Lower	Upper
202	100		
101	9.9	0.0	33.8
203	17.7	0.0	38.6



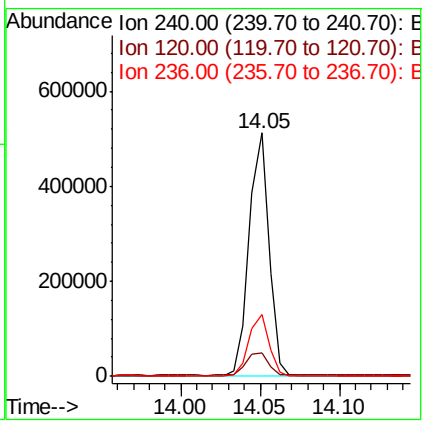


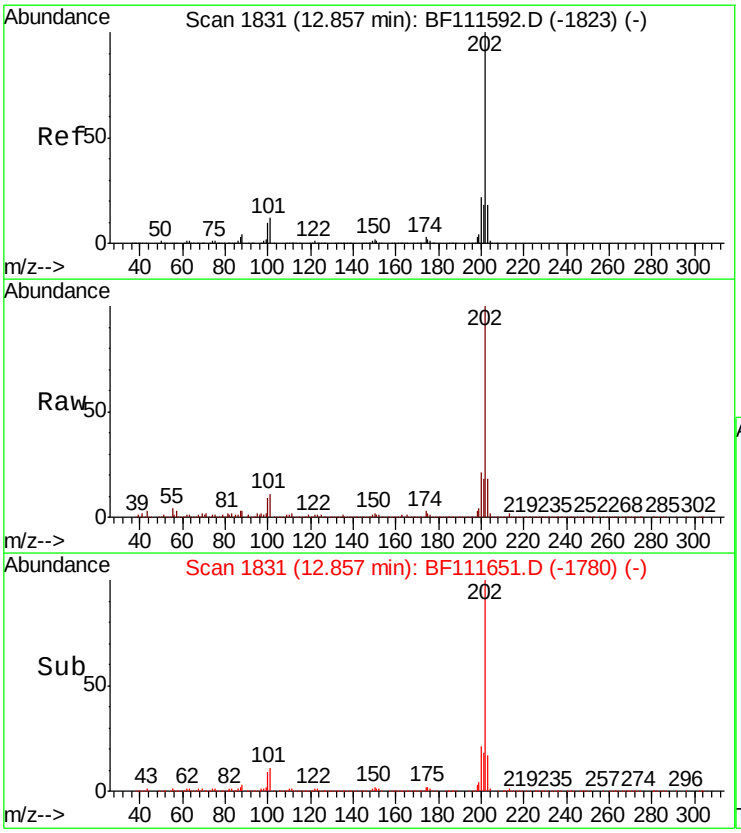
#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.05 min Scan# 2034
Delta R.T. -0.00 min
Lab File: BF111651.D
Acq: 20 Dec 2018 21:00

Instrument :
BNA_F
ClientSampleId :
DW-5

Tgt Ion:240 Resp: 446898

Ion	Ratio	Lower	Upper
240	100		
120	9.5	12.2	18.2#
236	25.6	20.2	30.2

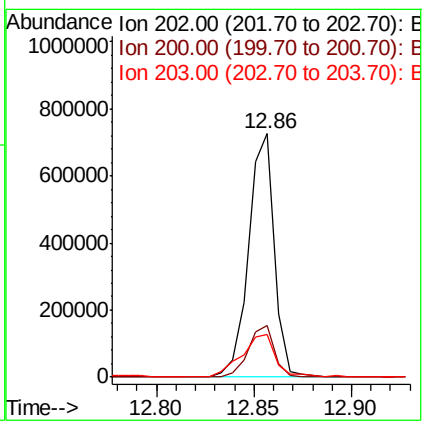


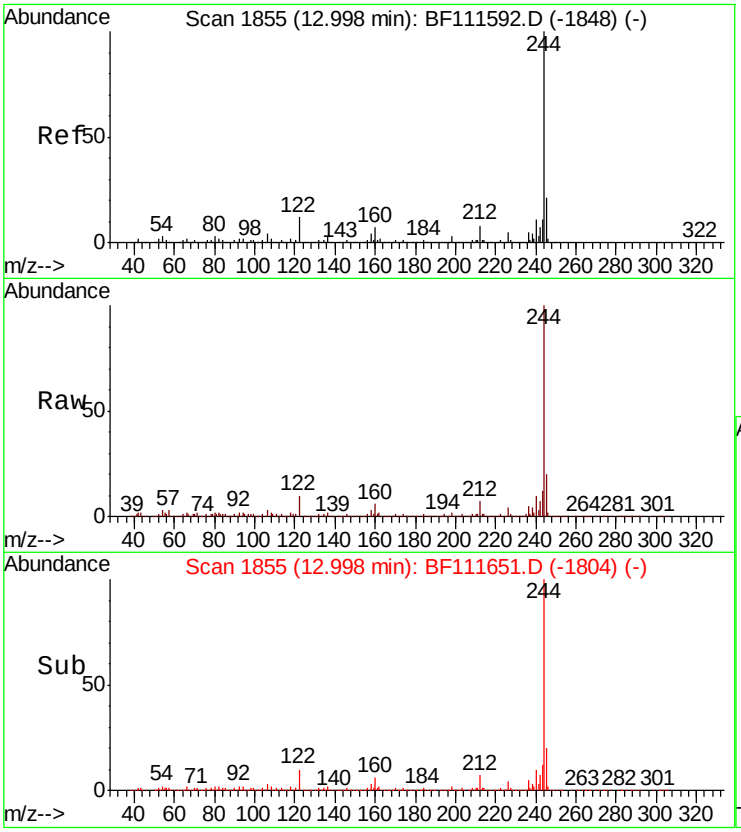


#78
Pyrene
Concen: 20.884 ng
RT: 12.86 min Scan# 1831
Delta R.T. -0.00 min
Lab File: BF111651.D
Acq: 20 Dec 2018 21:00

Tgt Ion:202 Resp: 659089

Ion	Ratio	Lower	Upper
202	100		
200	20.9	19.0	28.4
203	17.6	15.2	22.8



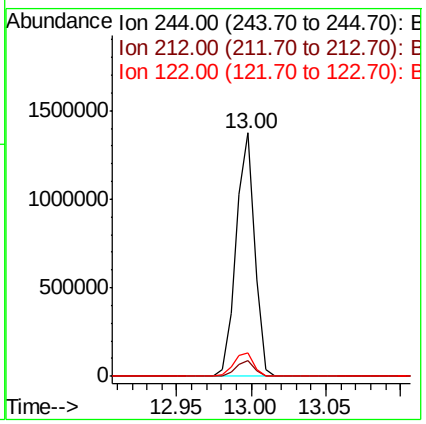


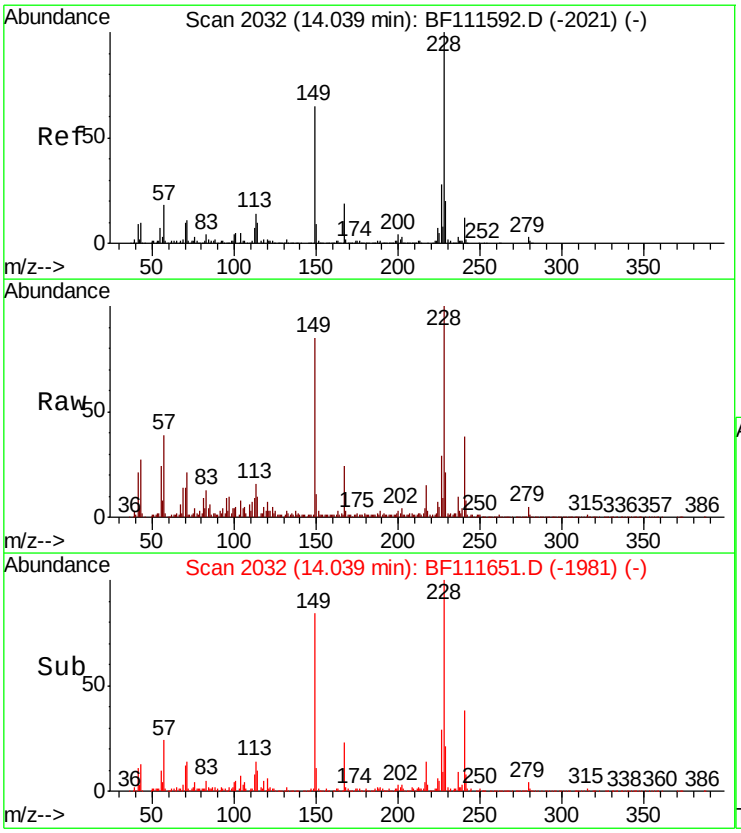
#79
Terphenyl-d14
Concen: 50.727 ng
RT: 13.00 min Scan# 1855
Delta R.T. -0.00 min
Lab File: BF111651.D
Acq: 20 Dec 2018 21:00

Instrument :
BNA_F
ClientSampleId :
DW-5

Tgt Ion:244 Resp: 1195392

Ion	Ratio	Lower	Upper
244	100		
212	6.6	5.7	8.5
122	9.7	13.1	19.7#

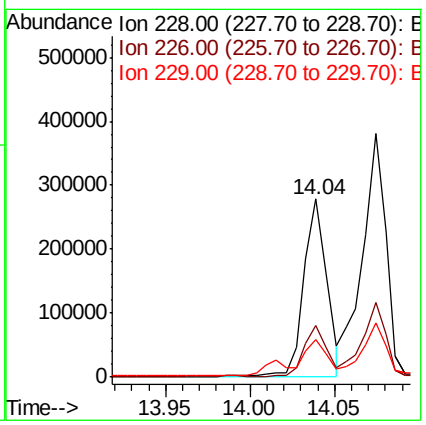


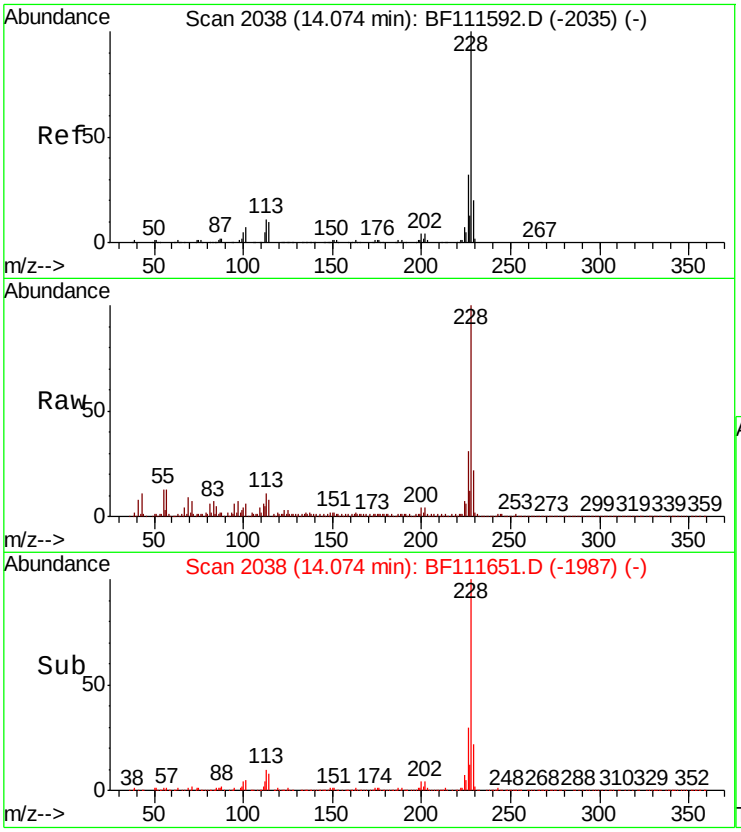


#81
Benzo(a)anthracene
Concen: 10.242 ng
RT: 14.04 min Scan# 2032
Delta R.T. -0.00 min
Lab File: BF111651.D
Acq: 20 Dec 2018 21:00

Tgt Ion:228 Resp: 261214

Ion	Ratio	Lower	Upper
228	100		
226	29.2	22.6	34.0
229	21.1	16.3	24.5



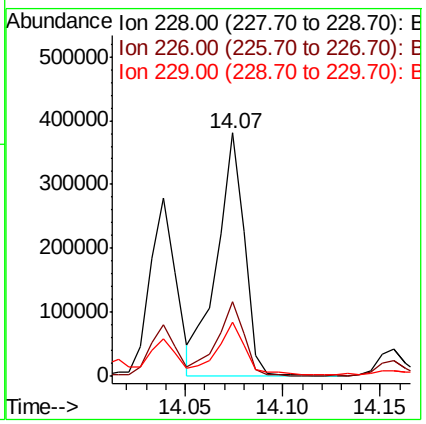


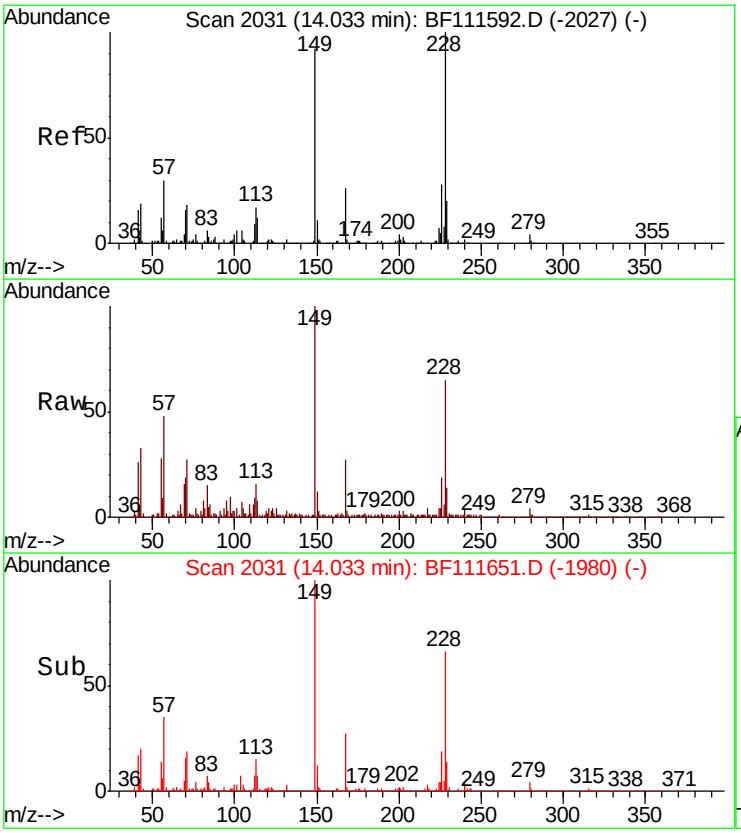
#83
Chrysene
Concen: 14.825 ng
RT: 14.07 min Scan# 2038
Delta R.T. -0.00 min
Lab File: BF111651.D
Acq: 20 Dec 2018 21:00

Instrument :
BNA_F
ClientSampleId :
DW-5

Tgt Ion:228 Resp: 371627

Ion	Ratio	Lower	Upper
228	100		
226	30.5	25.3	37.9
229	22.2	17.2	25.8

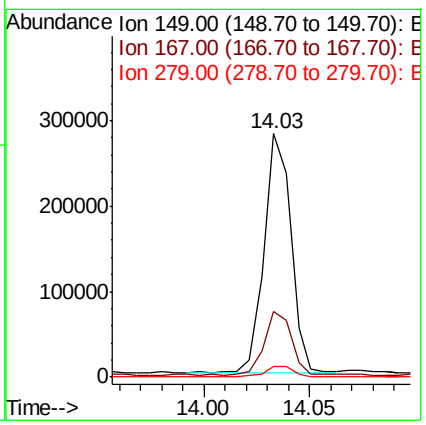


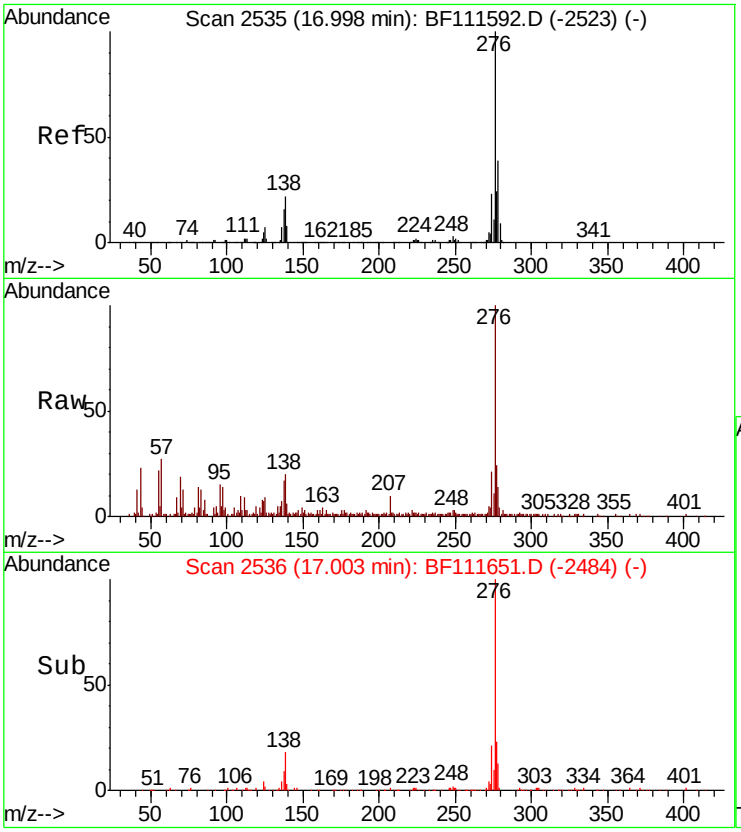


#84
Bis(2-ethylhexyl)phthalate
Concen: 15.243 ng
RT: 14.03 min Scan# 2031
Delta R.T. -0.00 min
Lab File: BF111651.D
Acq: 20 Dec 2018 21:00

Tgt Ion:149 Resp: 246998

Ion	Ratio	Lower	Upper
149	100		
167	27.1	22.5	33.7
279	4.4	2.6	4.0#



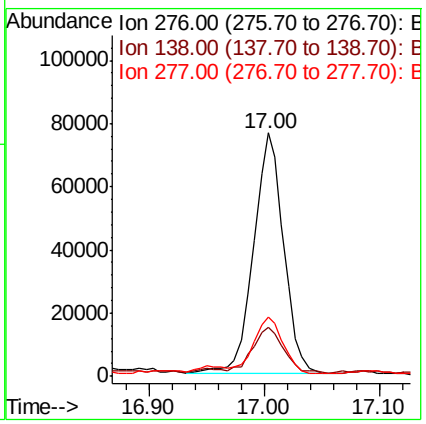


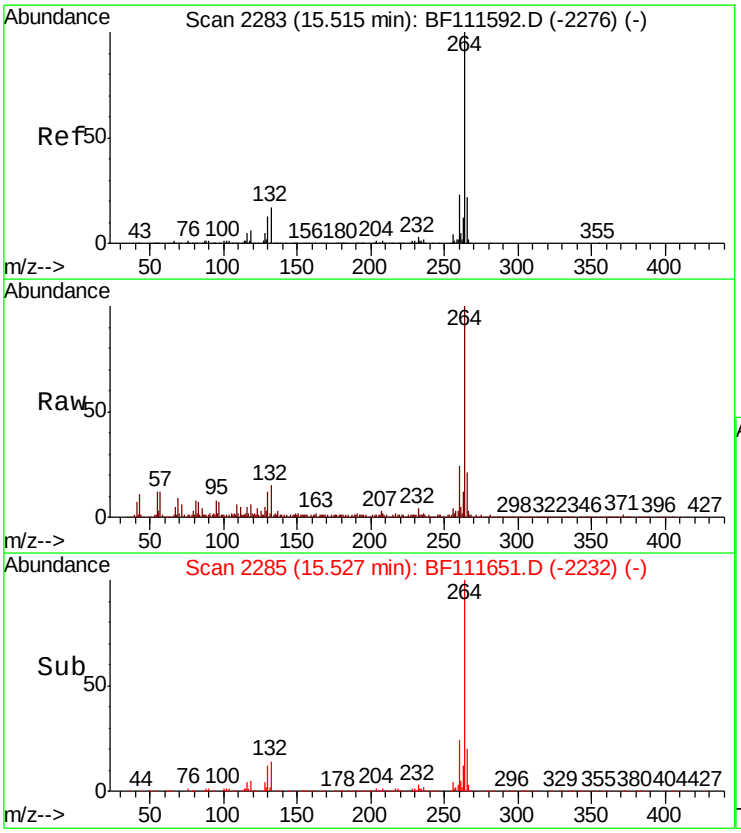
#86
Indeno(1,2,3-cd)pyrene
Concen: 6.510 ng
RT: 17.00 min Scan# 2536
Delta R.T. 0.01 min
Lab File: BF111651.D
Acq: 20 Dec 2018 21:00

Instrument :
BNA_F
ClientSampleId :
DW-5

Tgt Ion:276 Resp: 138734

Ion	Ratio	Lower	Upper
276	100		
138	20.4	27.8	41.6#
277	23.5	20.1	30.1

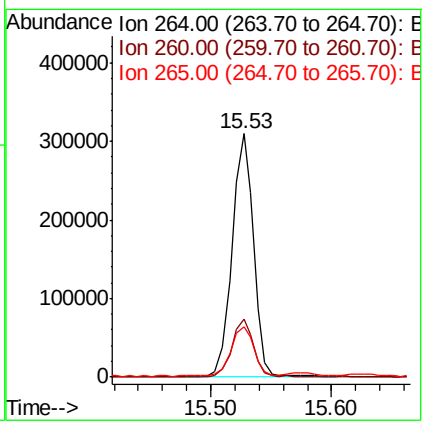


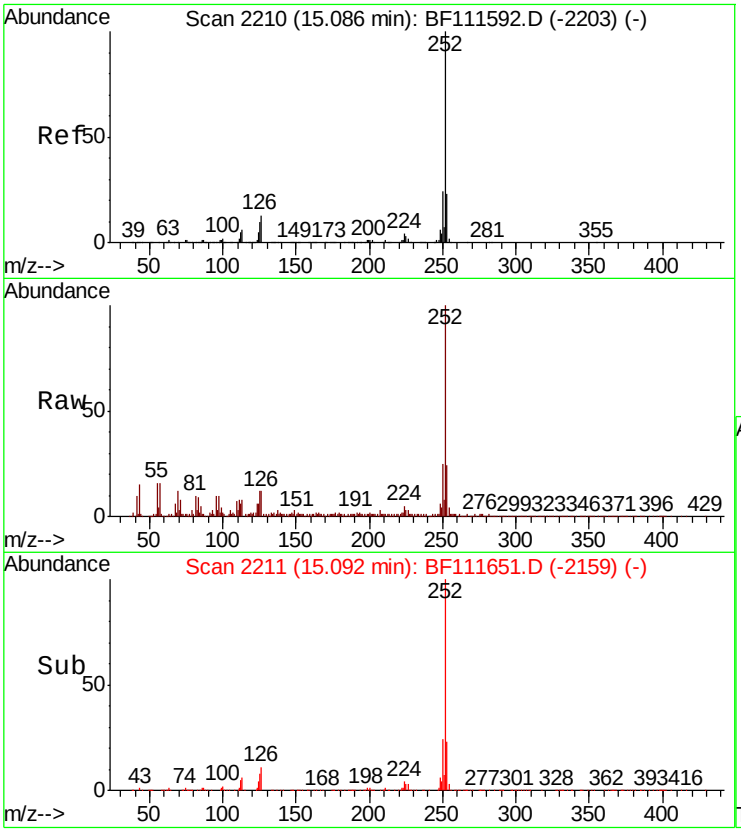


#87
Perylene-d12
Concen: 20.000 ng
RT: 15.53 min Scan# 2285
Delta R.T. 0.01 min
Lab File: BF111651.D
Acq: 20 Dec 2018 21:00

Tgt Ion:264 Resp: 377561

Ion	Ratio	Lower	Upper
264	100		
260	23.9	18.3	27.5
265	20.7	17.7	26.5



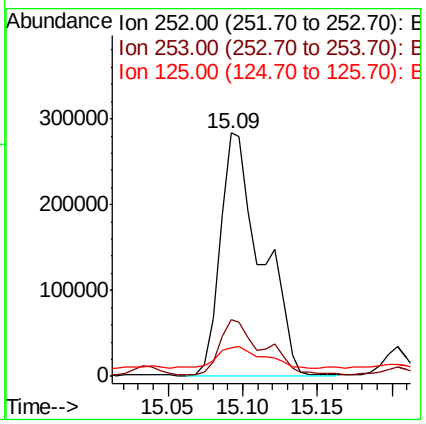


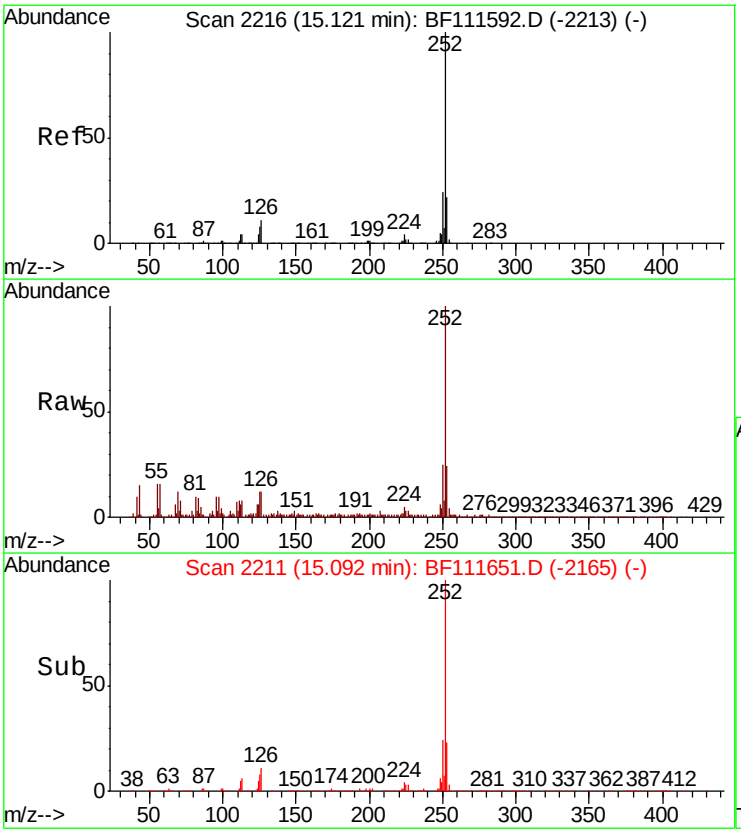
#88
Benzo(b)fluoranthene
Concen: 24.710 ng
RT: 15.09 min Scan# 2211
Delta R.T. 0.01 min
Lab File: BF111651.D
Acq: 20 Dec 2018 21:00

Instrument :
BNA_F
ClientSampleId :
DW-5

Tgt Ion:252 Resp: 545264

Ion	Ratio	Lower	Upper
252	100		
253	23.5	18.2	27.2
125	11.9	10.4	15.6

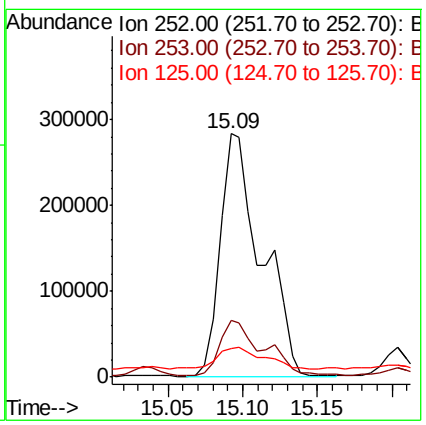


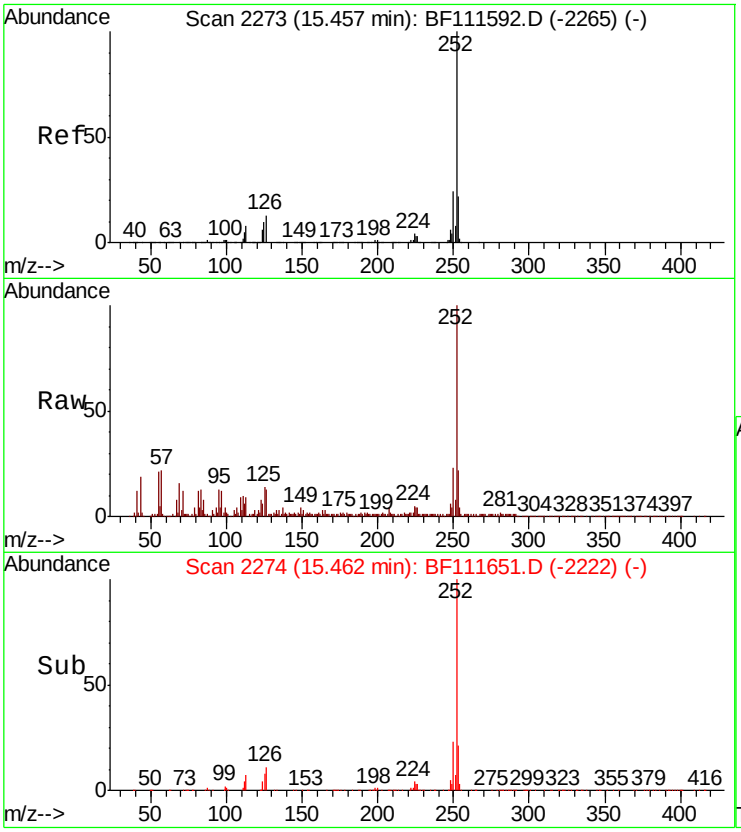


#89
Benzo(k)fluoranthene
Concen: 25.956 ng
RT: 15.09 min Scan# 2211
Delta R.T. -0.03 min
Lab File: BF111651.D
Acq: 20 Dec 2018 21:00

Tgt Ion:252 Resp: 545264

Ion	Ratio	Lower	Upper
252	100		
253	23.5	18.1	27.1
125	11.9	9.8	14.8





#90
Benzo(a)pyrene
Concen: 10.715 ng
RT: 15.46 min Scan# 2274
Delta R.T. 0.01 min
Lab File: BF111651.D
Acq: 20 Dec 2018 21:00

Instrument :
BNA_F
ClientSampleId :
DW-5

Tgt Ion:252 Resp: 214807

Ion	Ratio	Lower	Upper
252	100		
253	22.4	17.8	26.8
125	13.6	12.3	18.5