Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF122618\
Data File : BF111727.D
Acq On : 26 Dec 2018 21:30
Operator : JU/SJ
Sample : J6386-19
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : P001-SS008-0006-01

Quant Time: Dec 27 02:15:45 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	210464	20.00	ng		0.00
21) Naphthalene-d8	8.18	136	728212	20.00	ng		0.00
39) Acenaphthene-d10	9.93	164	302864	20.00	ng		0.00
64) Phenanthrene-d10	11.42	188	489425	20.00	ng		0.00
76) Chrysene-d12	14.06	240	463841	20.00	ng		0.01
87) Perylene-d12	15.54	264	331613	20.00	ng		0.03
System Monitoring Compounds							
5) 2-Fluorophenol	5.54	112	1187269	96.16	ng		0.02
7) Phenol-d6	6.54	99	1504947	95.77	ng		0.02
23) Nitrobenzene-d5	7.46	82	965380	77.17	ng		0.00
42) 2,4,6-Tribromophenol	10.73	330	313969	87.74	ng		0.00
45) 2-Fluorobiphenyl	9.26	172	1422136	68.44	ng		0.00
79) Terphenyl-d14	13.00	244	1137296	46.50	ng		0.00
Target Compounds							Qvalue
10) Phenol	6.55	94	123651	6.974	ng		96
19) n-Nitroso-di-n-propylamine	7.46	70	132914	12.736	ng	#	78
20) 3+4-Methylphenols	7.30	107	33369	2.411	ng	#	58
25) Isophorone	7.46	82	963103	43.364	ng	#	64
32) Benzoic acid	7.92	122	71266	10.282	ng		97
49) Acenaphthylene	9.80	152	92662	3.133	ng		97
50) Dimethylphthalate	9.65	163	118828	5.365	ng		98
65) 4,6-Dinitro-2-methylphenol	10.72	198	695	6.989	ng	#	1
67) 4-Bromophenyl-phenylether	10.72	248	19667	3.240	ng	#	1
71) Phenanthrene	11.45	178	294060	11.329	ng		94
72) Anthracene	11.45	178	294060	11.287	ng		95
75) Fluoranthene	12.63	202	208873	7.947	ng		93
78) Pyrene	12.86	202	359853	10.986	ng		96
81) Benzo(a)anthracene	14.09	228	126027	4.761	ng		96
83) Chrysene	14.09	228	126027	4.844	ng		98
84) Bis(2-ethylhexyl)phthalate	14.04	149	36335	2.160	ng	#	99
88) Benzo(b)fluoranthene	15.11	252	122103	6.300	ng	#	96
89) Benzo(k)fluoranthene	15.11	252	122103	6.618	ng	#	95
90) Benzo(a)pyrene	15.48	252	91069	5.172	ng		95
92) Benzo(g,h,i)perylene	17.48	276	58278	3.871	ng	#	88

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

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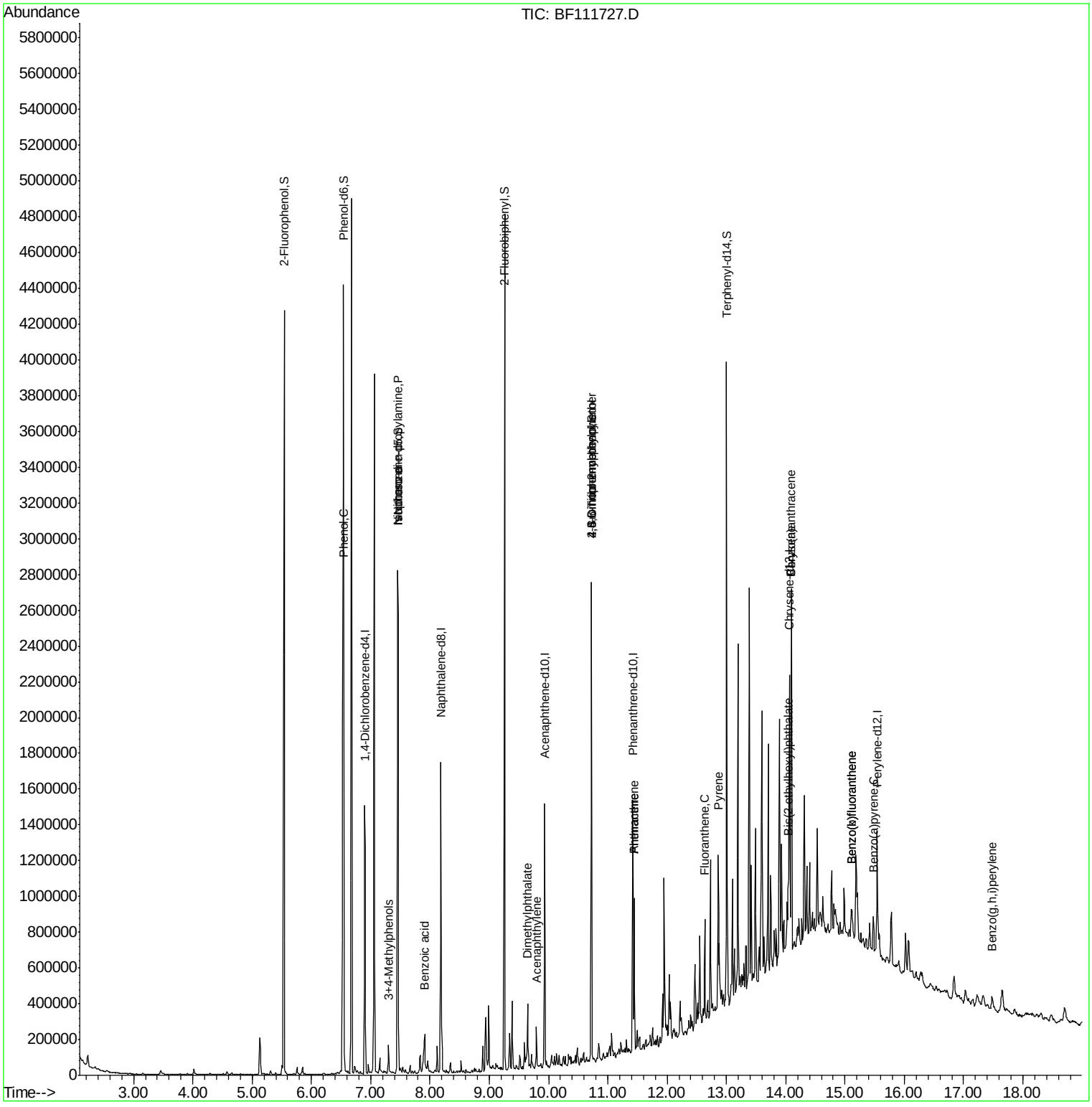
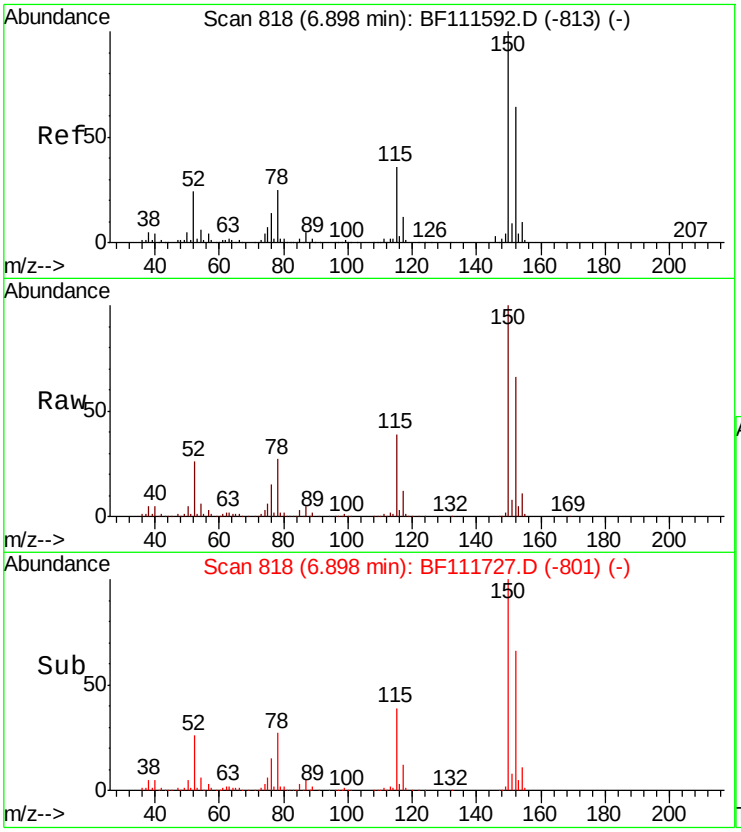


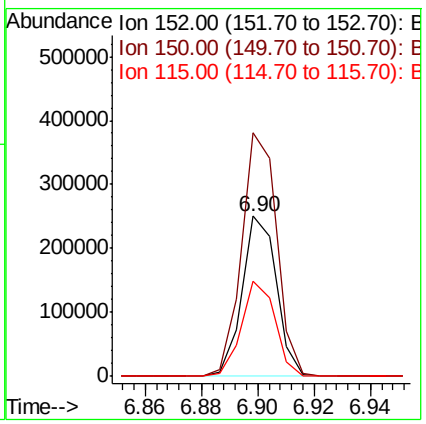


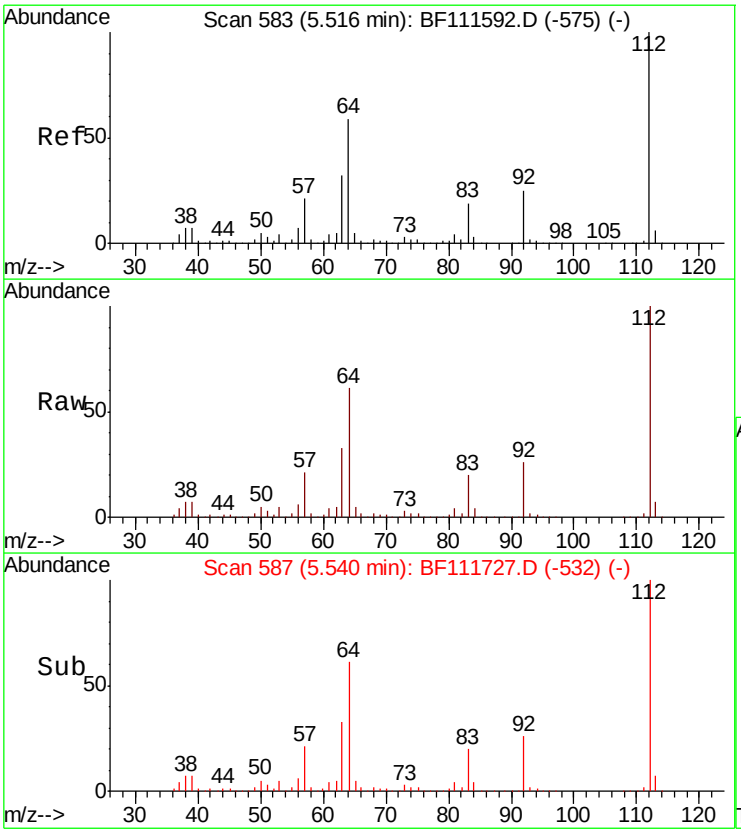
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.90 min Scan# 818
Delta R.T. -0.00 min
Lab File: BF111727.D
Acq: 26 Dec 2018 21:30

Instrument :
BNA_F
ClientSampleId :
P001-SS008-0006-01

Tgt Ion:152 Resp: 210464

Ion	Ratio	Lower	Upper
152	100		
150	152.1	126.6	189.8
115	59.3	50.7	76.1

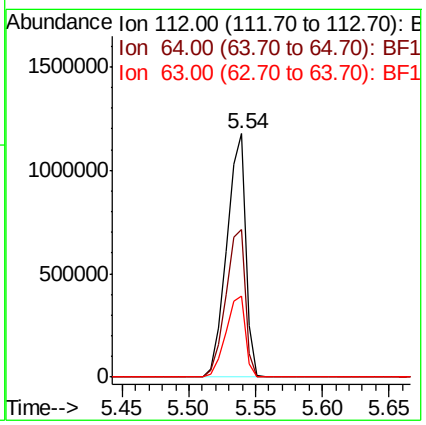


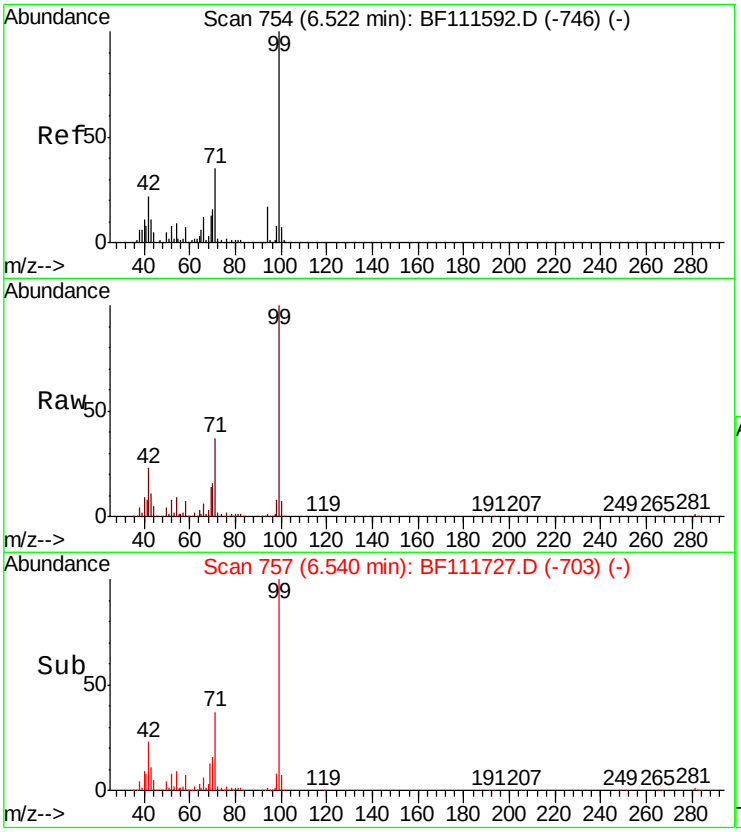


#5
2-Fluorophenol
Concen: 96.156 ng
RT: 5.54 min Scan# 587
Delta R.T. 0.02 min
Lab File: BF111727.D
Acq: 26 Dec 2018 21:30

Tgt Ion:112 Resp: 1187269

Ion	Ratio	Lower	Upper
112	100		
64	60.7	51.8	77.6
63	33.5	26.8	40.2



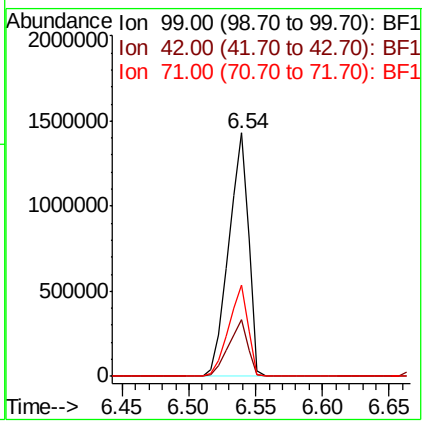


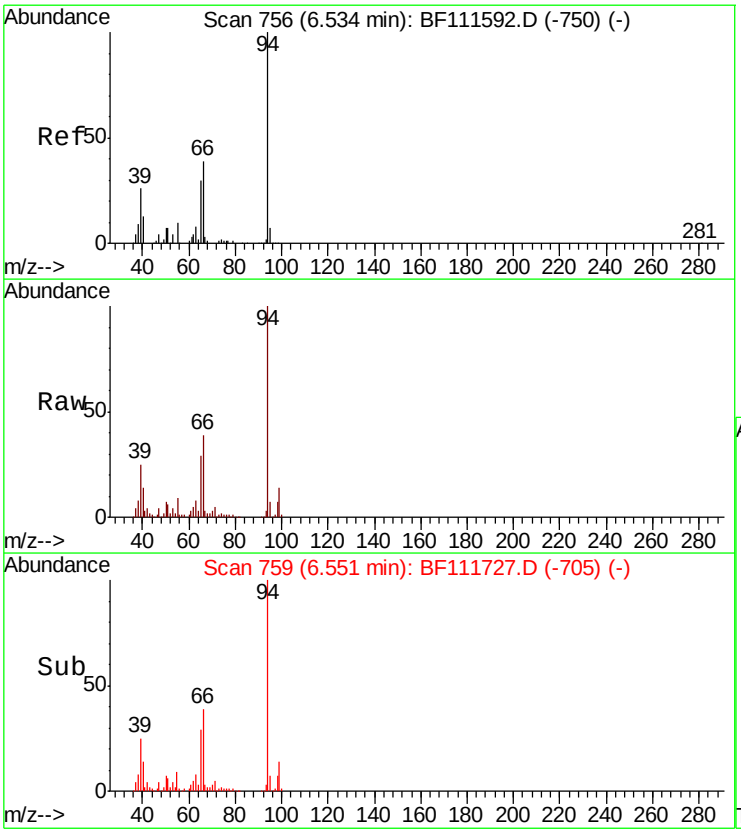
#7
Phenol-d6
Concen: 95.772 ng
RT: 6.54 min Scan# 757
Delta R.T. 0.02 min
Lab File: BF111727.D
Acq: 26 Dec 2018 21:30

Instrument :
BNA_F
ClientSampleId :
P001-SS008-0006-01

Tgt Ion: 99 Resp: 1504947

Ion	Ratio	Lower	Upper
99	100		
42	23.0	17.4	26.0
71	37.4	26.1	39.1

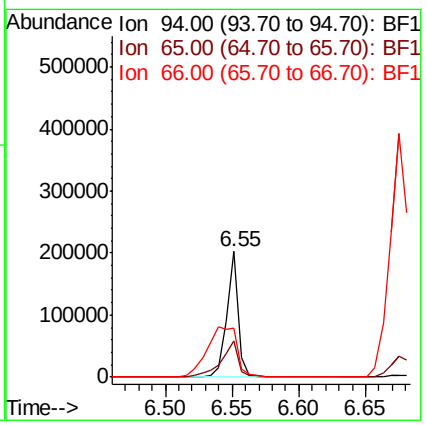


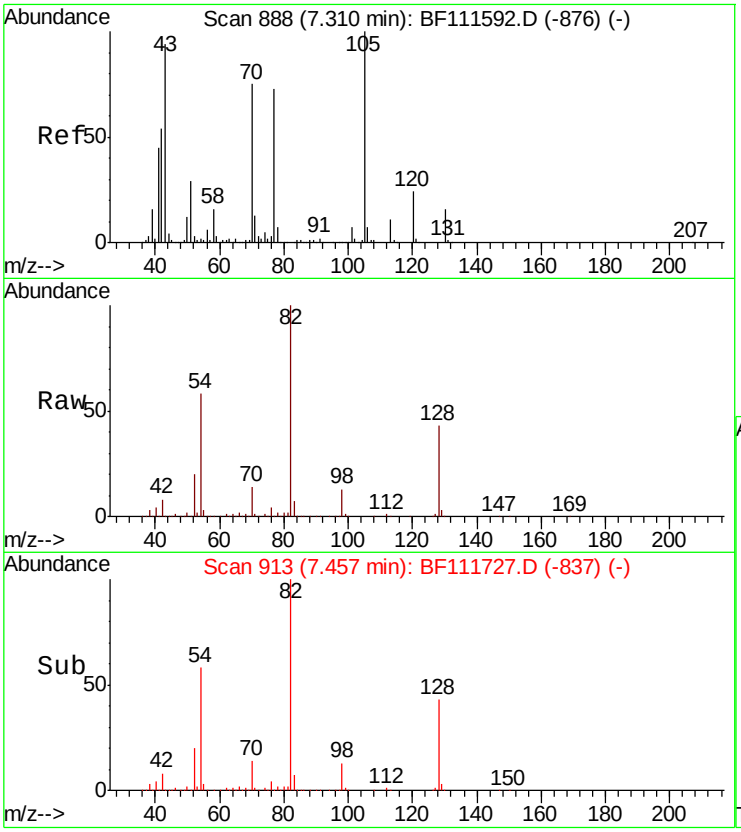


#10
Phenol
Concen: 6.974 ng
RT: 6.55 min Scan# 759
Delta R.T. 0.02 min
Lab File: BF111727.D
Acq: 26 Dec 2018 21:30

Tgt Ion: 94 Resp: 123651

Ion	Ratio	Lower	Upper
94	100		
65	28.8	11.7	51.7
66	39.1	21.0	61.0



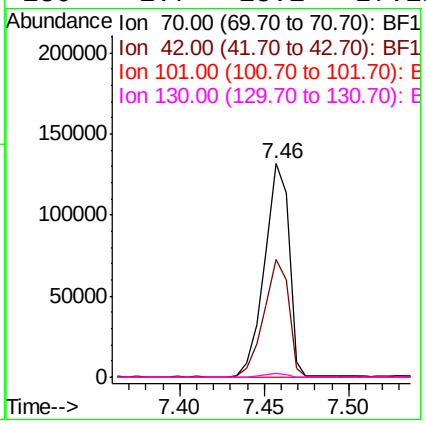


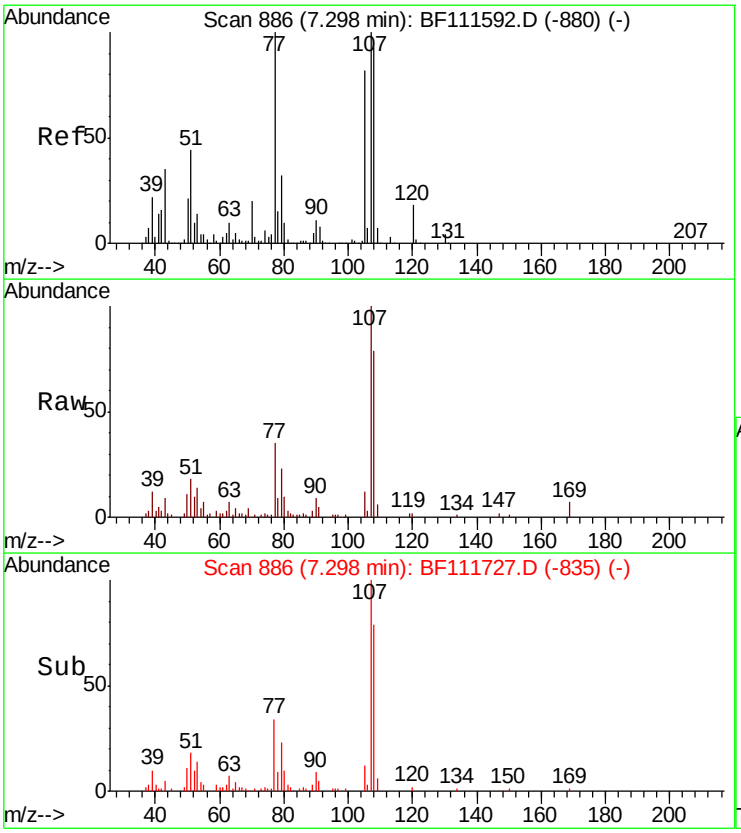
#19
n-Nitroso-di-n-propylamine
Concen: 12.736 ng
RT: 7.46 min Scan# 913
Delta R.T. 0.15 min
Lab File: BF111727.D
Acq: 26 Dec 2018 21:30

Instrument :
BNA_F
ClientSampleId :
P001-SS008-0006-01

Tgt Ion: 70 Resp: 132914

Ion	Ratio	Lower	Upper
70	100		
42	55.1	53.2	79.8
101	0.0	8.2	12.4#
130	1.7	18.1	27.1#

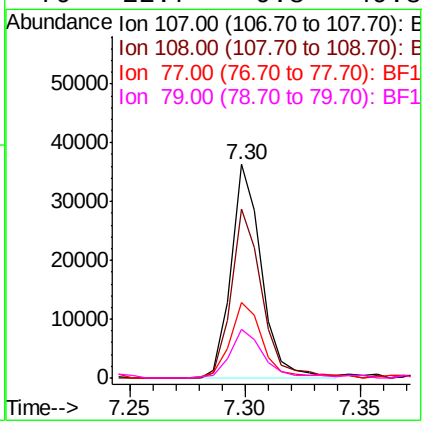


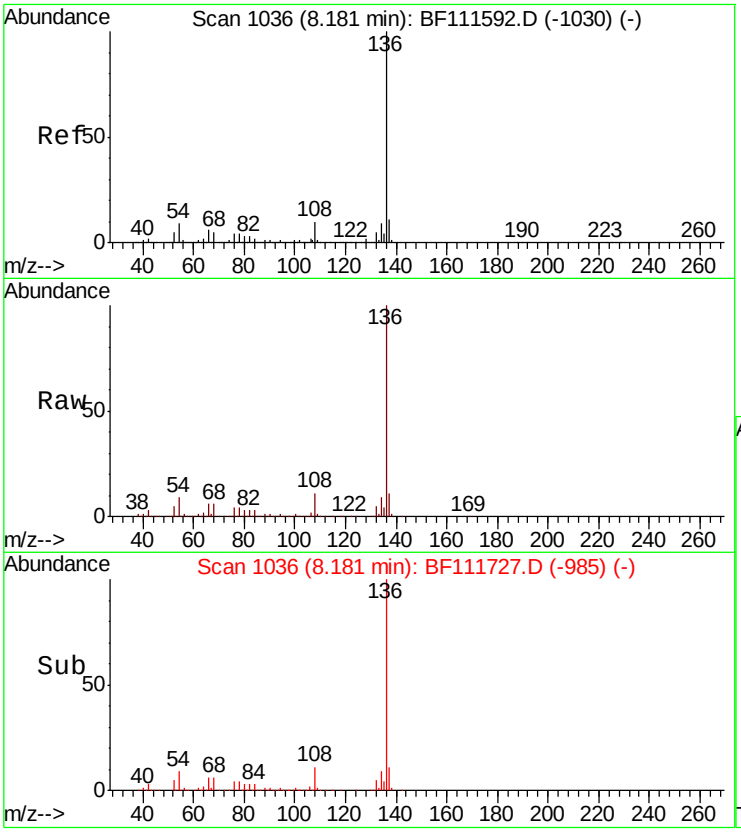


#20
3+4-Methylphenols
Concen: 2.411 ng
RT: 7.30 min Scan# 886
Delta R.T. -0.00 min
Lab File: BF111727.D
Acq: 26 Dec 2018 21:30

Tgt Ion:107 Resp: 33369

Ion	Ratio	Lower	Upper
107	100		
108	78.9	72.1	112.1
77	35.2	94.1	134.1#
79	22.7	9.8	49.8



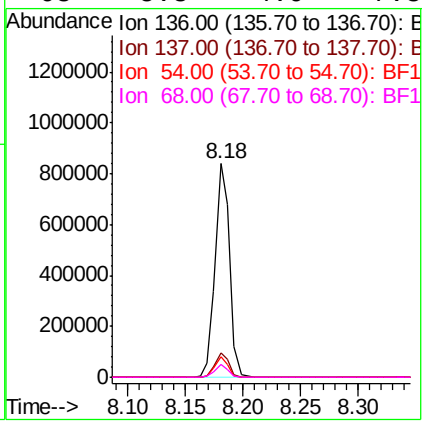


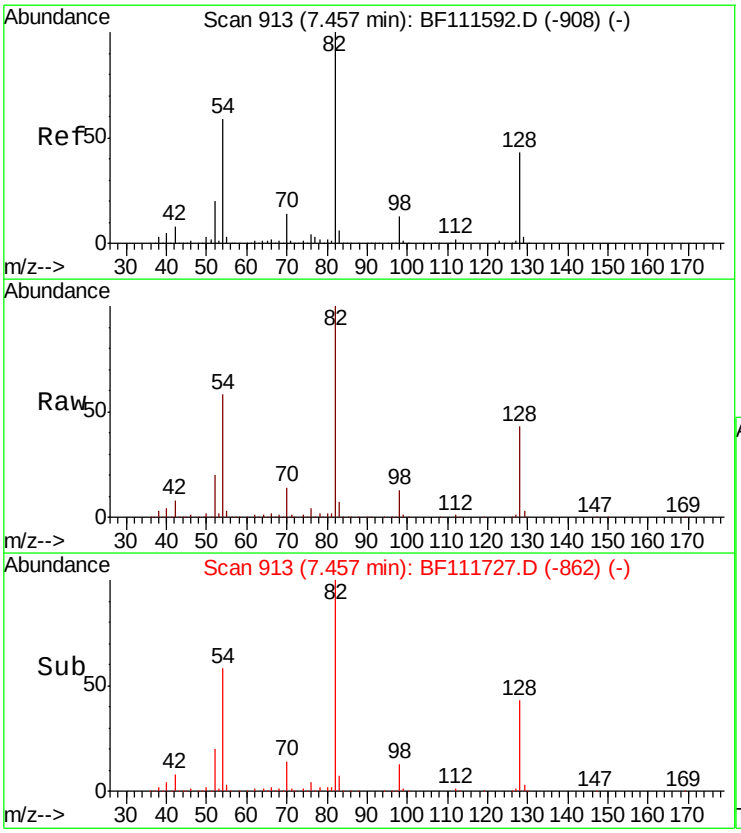
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.18 min Scan# 1036
Delta R.T. -0.00 min
Lab File: BF111727.D
Acq: 26 Dec 2018 21:30

Instrument :
BNA_F
ClientSampleId :
P001-SS008-0006-01

Tgt Ion:136 Resp: 728212

Ion	Ratio	Lower	Upper
136	100		
137	11.3	9.1	13.7
54	9.4	7.7	11.5
68	5.8	4.9	7.3

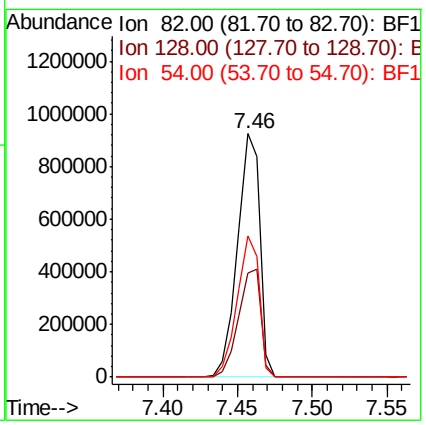


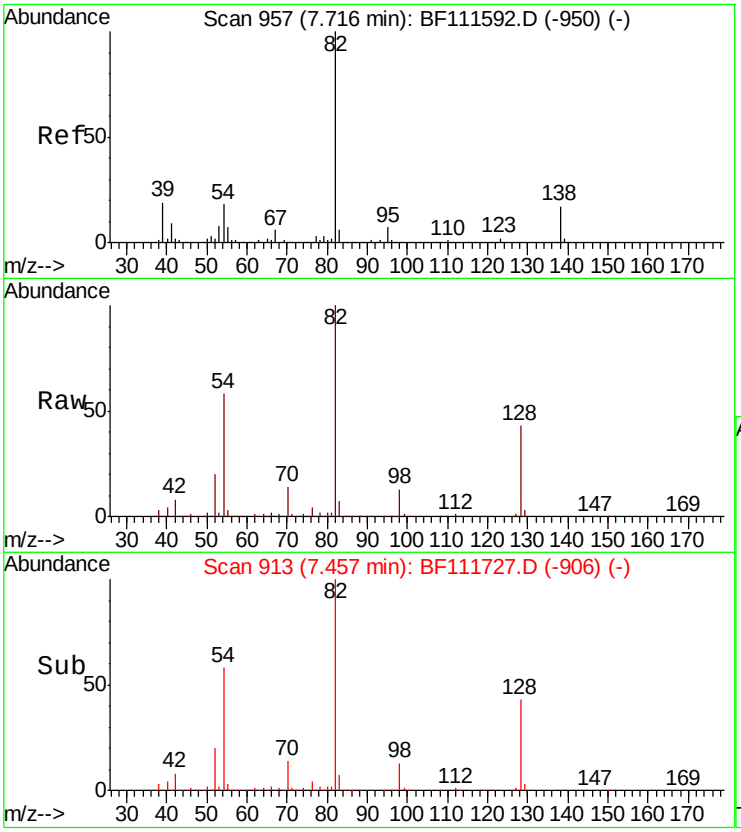


#23
Nitrobenzene-d5
Concen: 77.165 ng
RT: 7.46 min Scan# 913
Delta R.T. -0.00 min
Lab File: BF111727.D
Acq: 26 Dec 2018 21:30

Tgt Ion: 82 Resp: 965380

Ion	Ratio	Lower	Upper
82	100		
128	43.0	37.4	56.2
54	57.8	47.6	71.4



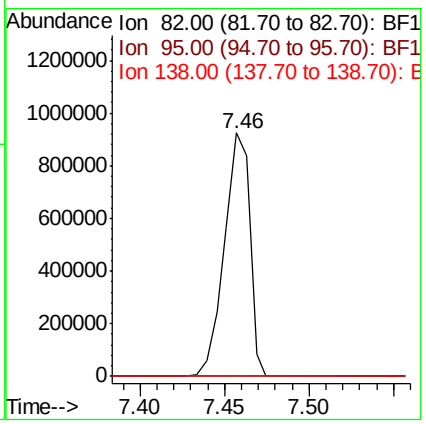


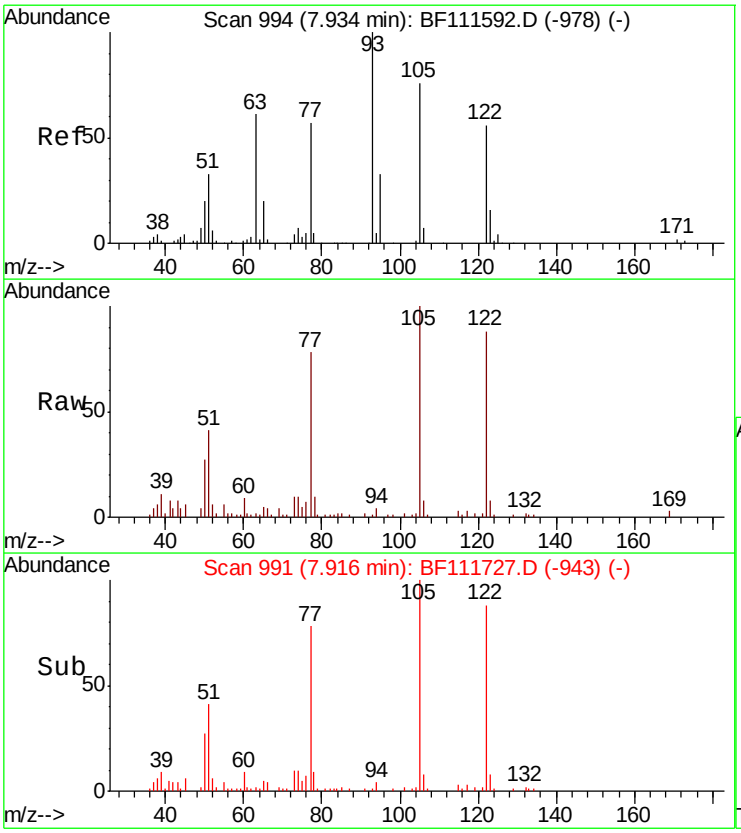
#25
Isophorone
Concen: 43.364 ng
RT: 7.46 min Scan# 913
Delta R.T. -0.26 min
Lab File: BF111727.D
Acq: 26 Dec 2018 21:30

Instrument :
BNA_F
ClientSampleId :
P001-SS008-0006-01

Tgt Ion: 82 Resp: 963103

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

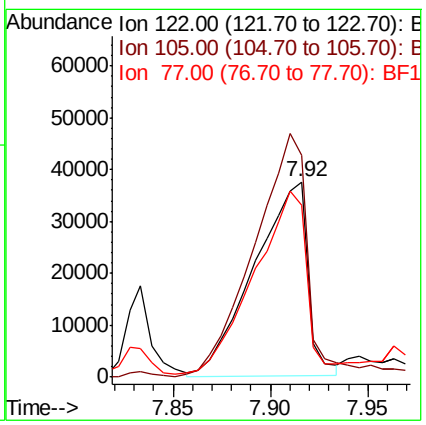


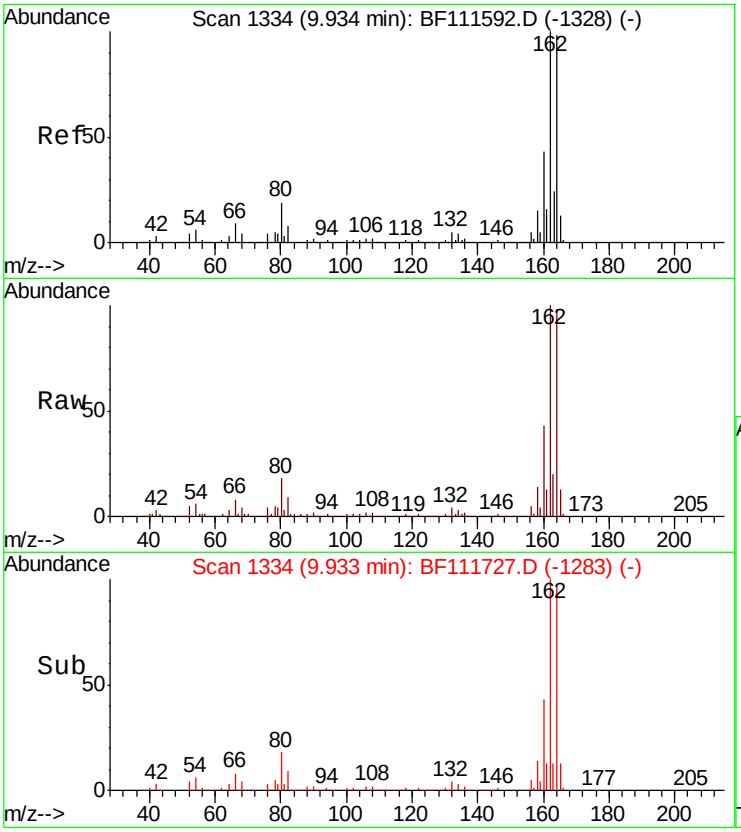


#32
Benzoic acid
Concen: 10.282 ng
RT: 7.92 min Scan# 991
Delta R.T. -0.02 min
Lab File: BF111727.D
Acq: 26 Dec 2018 21:30

Tgt Ion:122 Resp: 71266

Ion	Ratio	Lower	Upper
122	100		
105	113.5	97.0	137.0
77	88.2	65.7	105.7



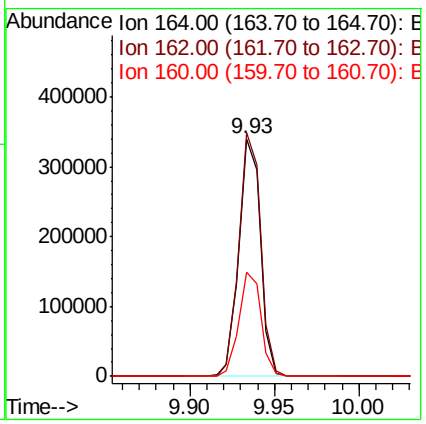


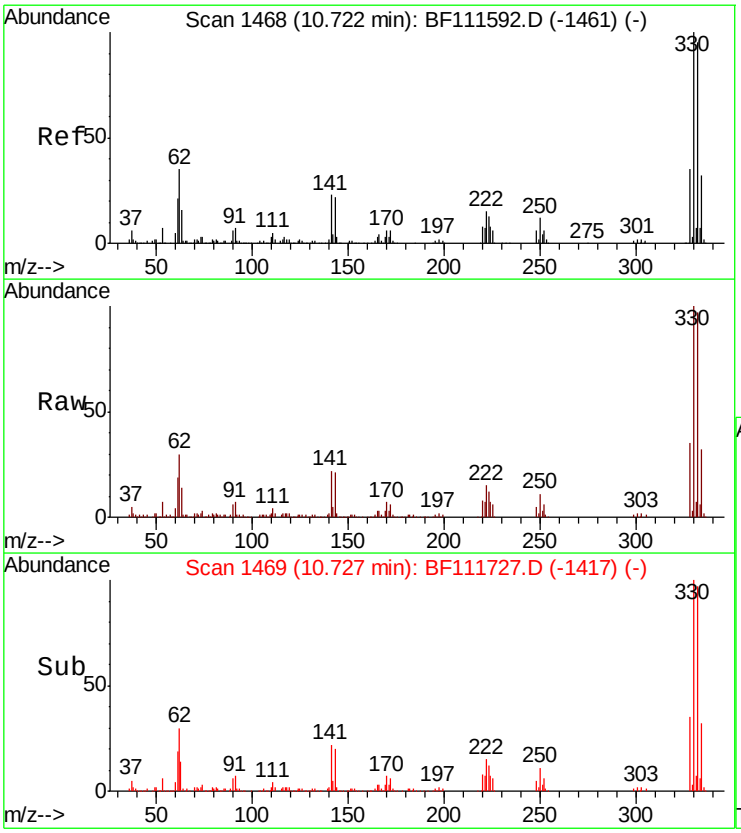
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.93 min Scan# 1334
Delta R.T. -0.00 min
Lab File: BF111727.D
Acq: 26 Dec 2018 21:30

Instrument :
BNA_F
ClientSampleId :
P001-SS008-0006-01

Tgt Ion:164 Resp: 302864

Ion	Ratio	Lower	Upper
164	100		
162	102.4	81.4	122.0
160	43.8	35.7	53.5

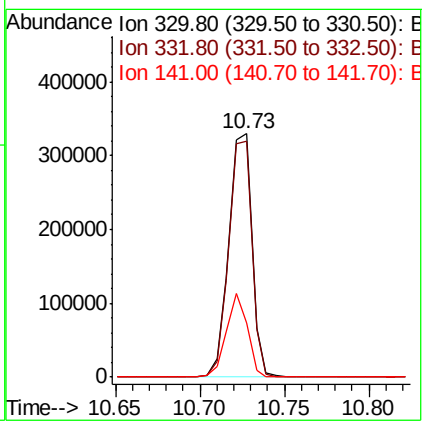


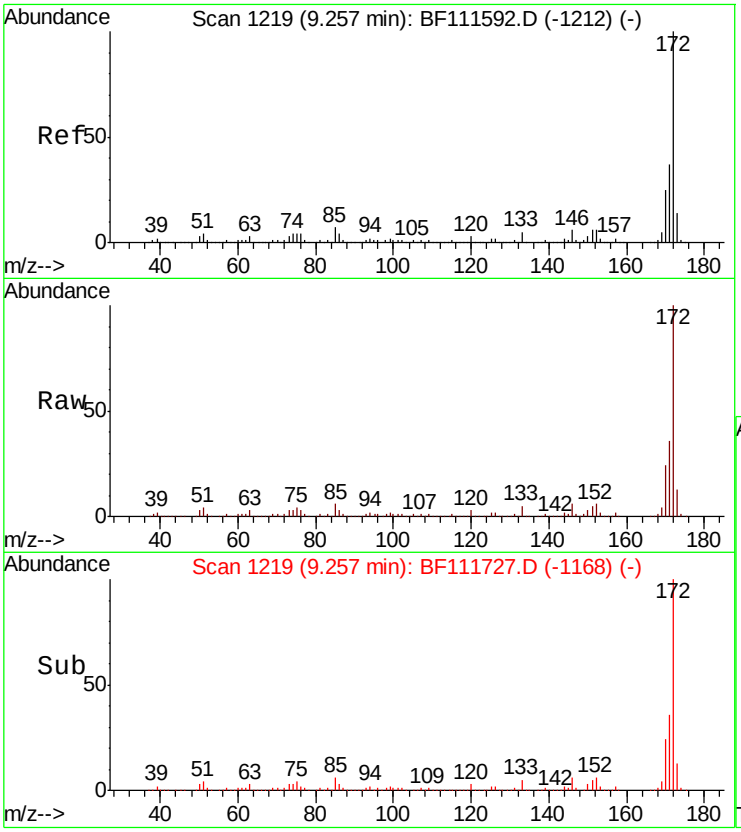


#42
2,4,6-Tribromophenol
Concen: 87.736 ng
RT: 10.73 min Scan# 1469
Delta R.T. 0.01 min
Lab File: BF111727.D
Acq: 26 Dec 2018 21:30

Tgt Ion:330 Resp: 313969

Ion	Ratio	Lower	Upper
330	100		
332	97.2	76.0	114.0
141	30.5	31.0	46.6#



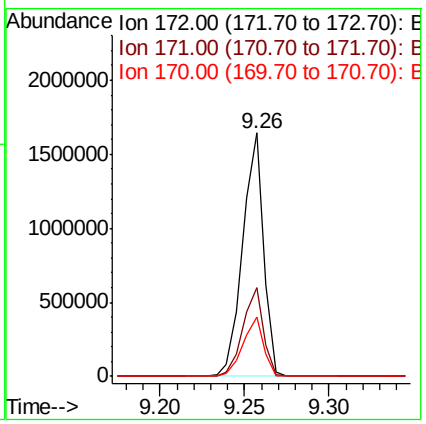


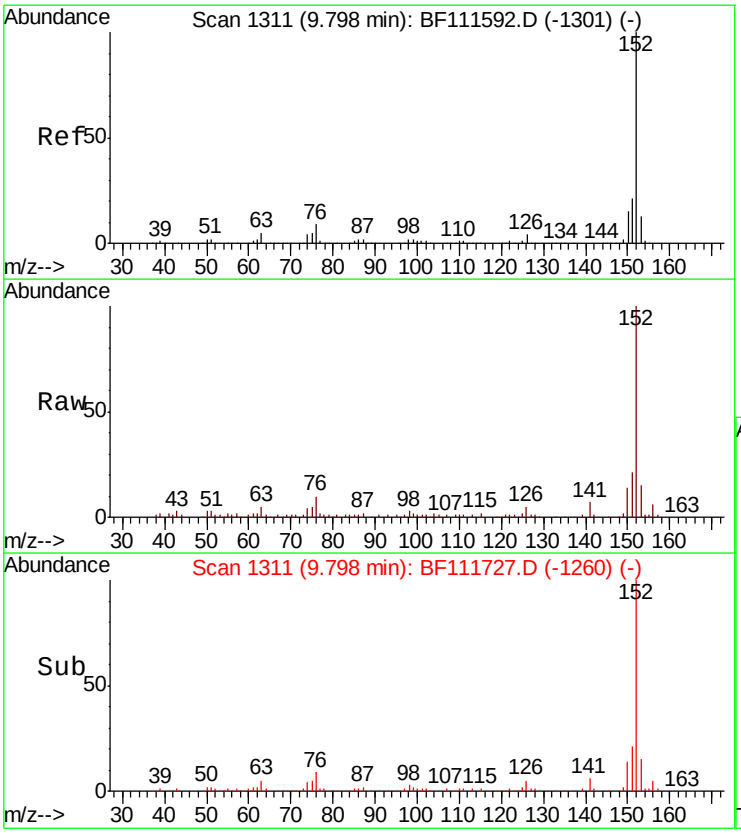
#45
2-Fluorobiphenyl
Concen: 68.442 ng
RT: 9.26 min Scan# 1219
Delta R.T. -0.00 min
Lab File: BF111727.D
Acq: 26 Dec 2018 21:30

Instrument :
BNA_F
ClientSampleId :
P001-SS008-0006-01

Tgt Ion:172 Resp: 1422136

Ion	Ratio	Lower	Upper
172	100		
171	36.3	33.0	49.4
170	24.3	22.3	33.5

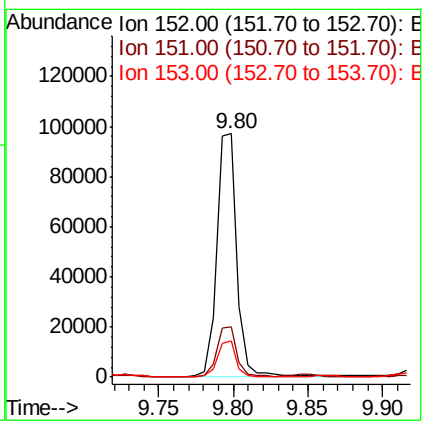


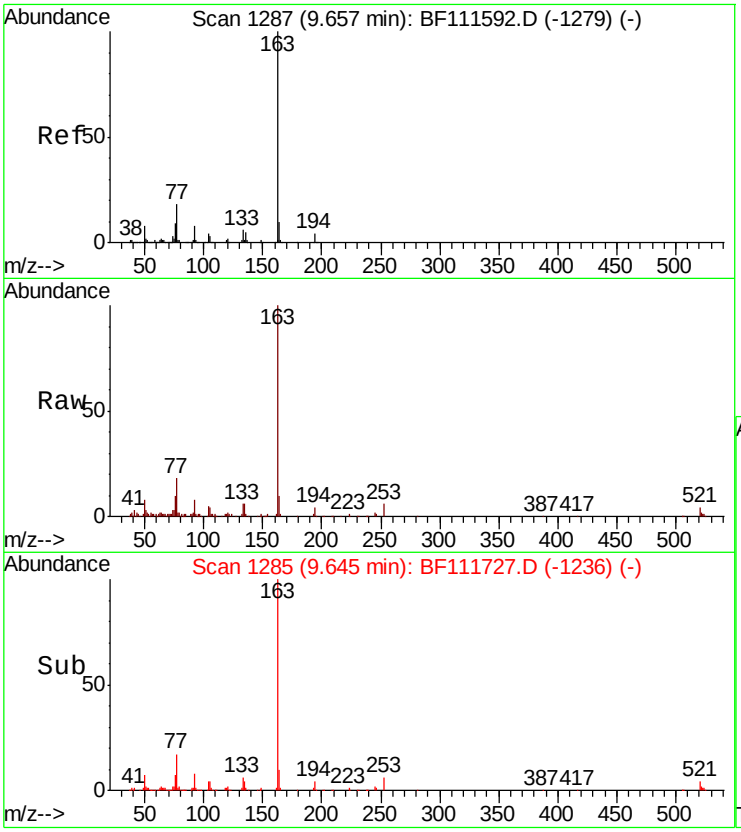


#49
Acenaphthylene
Concen: 3.133 ng
RT: 9.80 min Scan# 1311
Delta R.T. -0.00 min
Lab File: BF111727.D
Acq: 26 Dec 2018 21:30

Tgt Ion:152 Resp: 92662

Ion	Ratio	Lower	Upper
152	100		
151	20.6	18.0	27.0
153	14.8	12.3	18.5



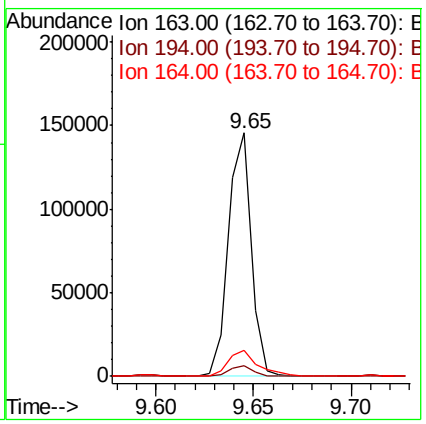


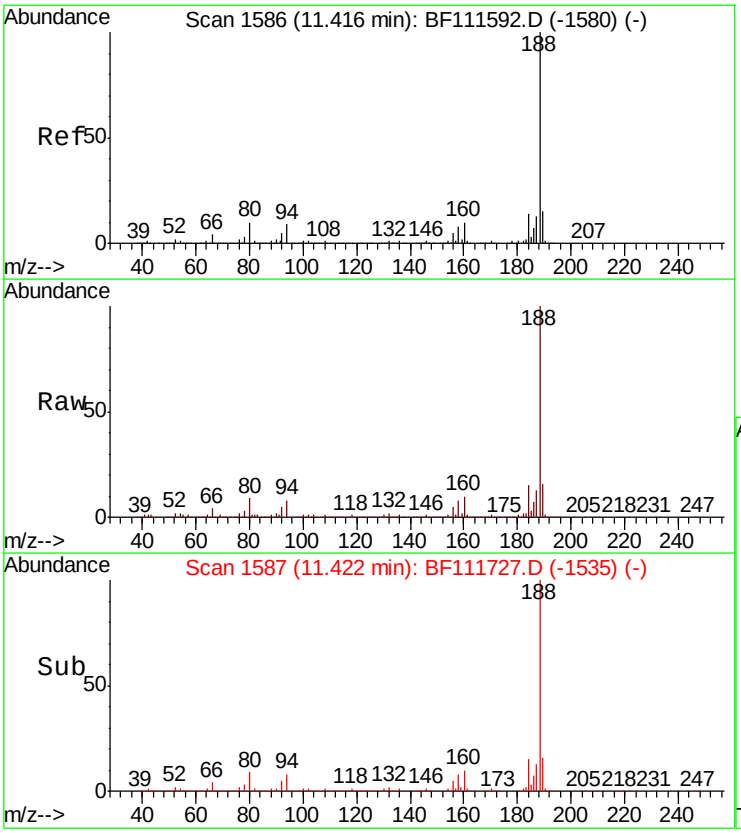
#50
Dimethylphthalate
Concen: 5.365 ng
RT: 9.65 min Scan# 1285
Delta R.T. -0.01 min
Lab File: BF111727.D
Acq: 26 Dec 2018 21:30

Instrument :
BNA_F
ClientSampleId :
P001-SS008-0006-01

Tgt Ion:163 Resp: 118828

Ion	Ratio	Lower	Upper
163	100		
194	4.3	3.0	4.6
164	10.5	8.9	13.3

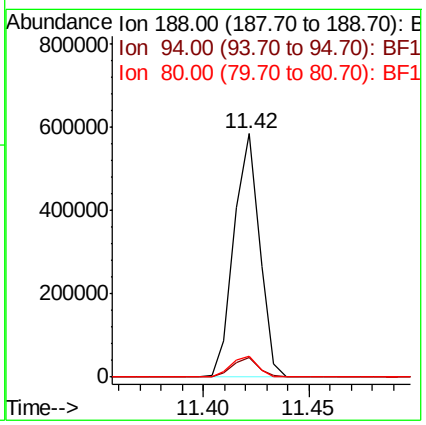


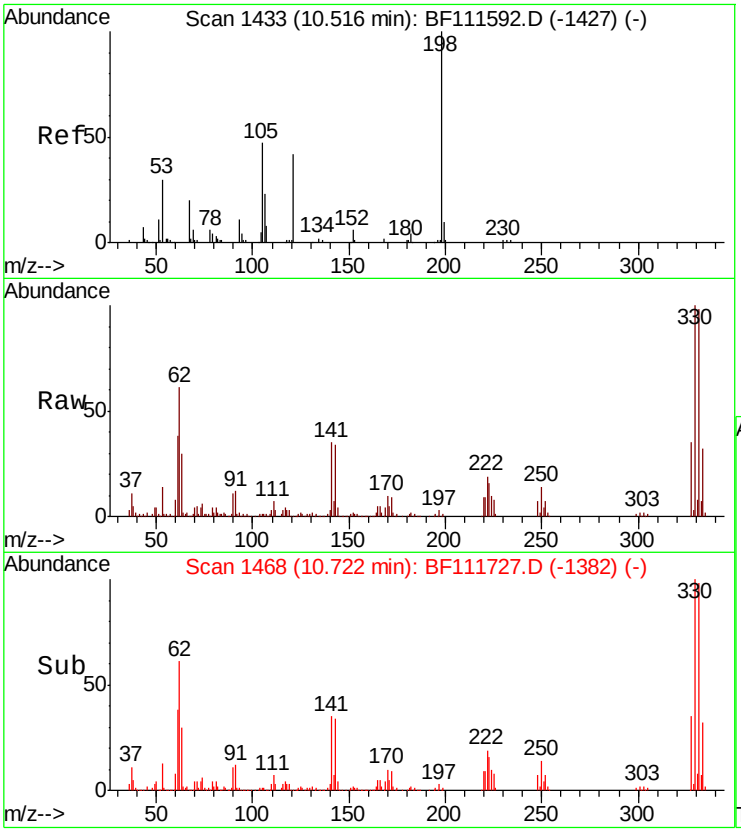


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.42 min Scan# 1587
Delta R.T. 0.01 min
Lab File: BF111727.D
Acq: 26 Dec 2018 21:30

Tgt Ion:188 Resp: 489425

Ion	Ratio	Lower	Upper
188	100		
94	8.1	9.6	14.4#
80	8.8	9.8	14.6#



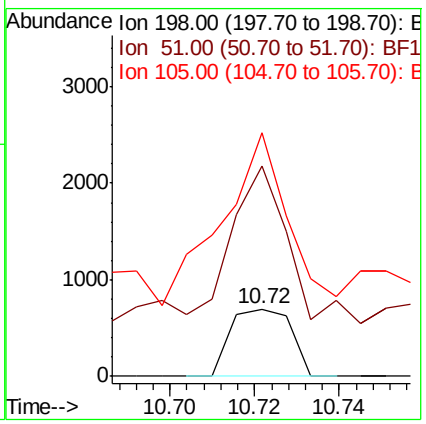


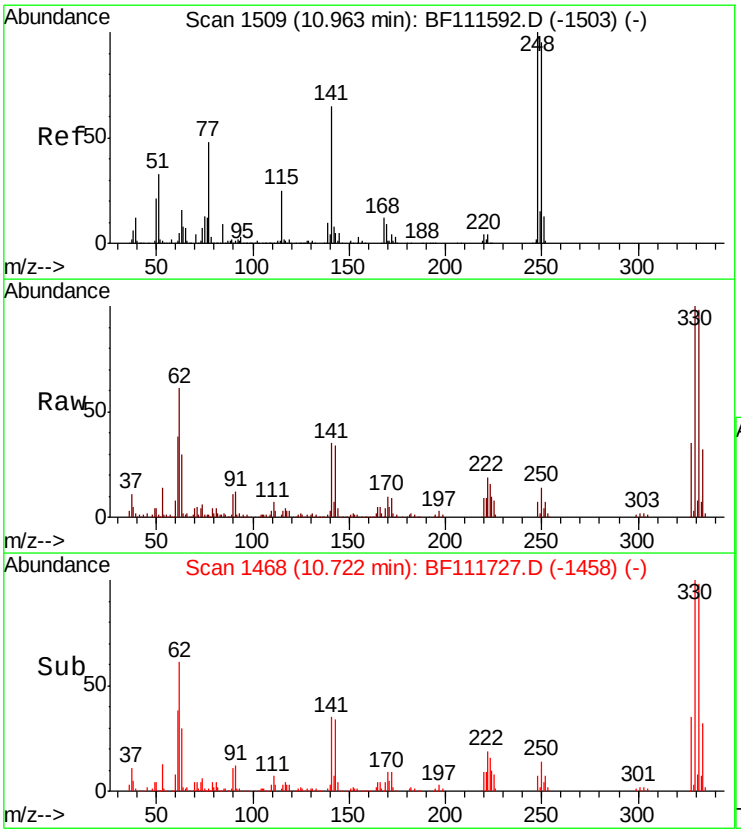
#65
4,6-Dinitro-2-methylphenol
Concen: 6.989 ng
RT: 10.72 min Scan# 1468
Delta R.T. 0.21 min
Lab File: BF111727.D
Acq: 26 Dec 2018 21:30

Instrument :
BNA_F
ClientSampleId :
P001-SS008-0006-01

Tgt Ion:198 Resp: 695

Ion	Ratio	Lower	Upper
198	100		
51	312.2	48.0	88.0#
105	361.3	34.0	74.0#

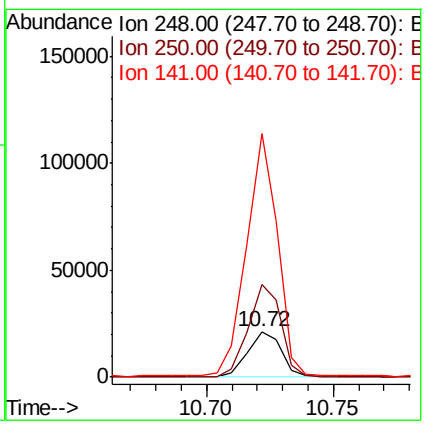


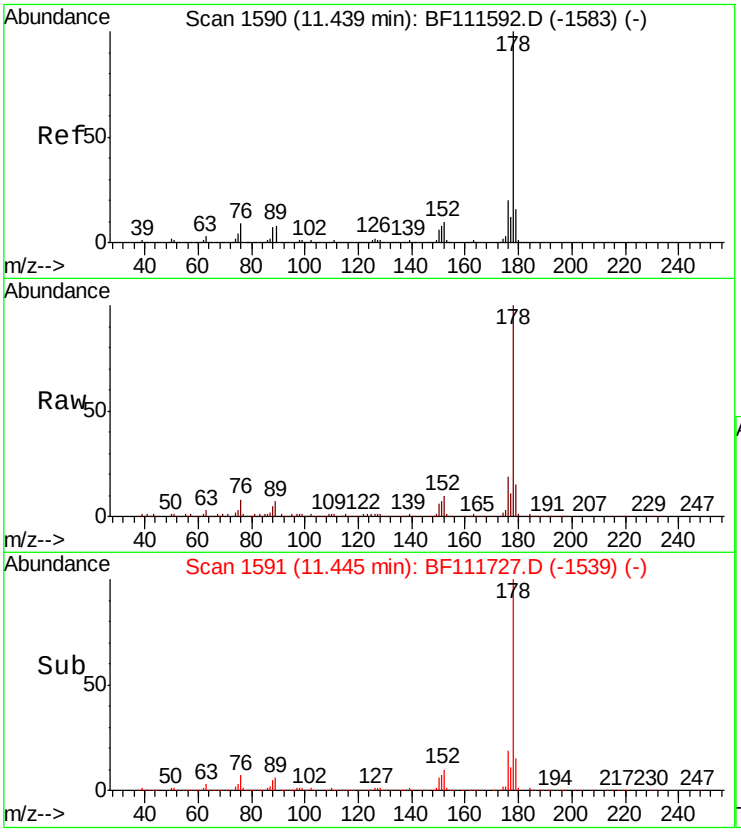


#67
4-Bromophenyl-phenylether
Concen: 3.240 ng
RT: 10.72 min Scan# 1468
Delta R.T. -0.24 min
Lab File: BF111727.D
Acq: 26 Dec 2018 21:30

Tgt Ion:248 Resp: 19667

Ion	Ratio	Lower	Upper
248	100		
250	203.2	77.0	115.4#
141	531.1	63.0	94.6#



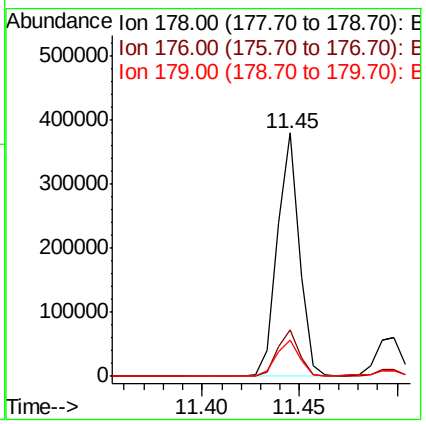


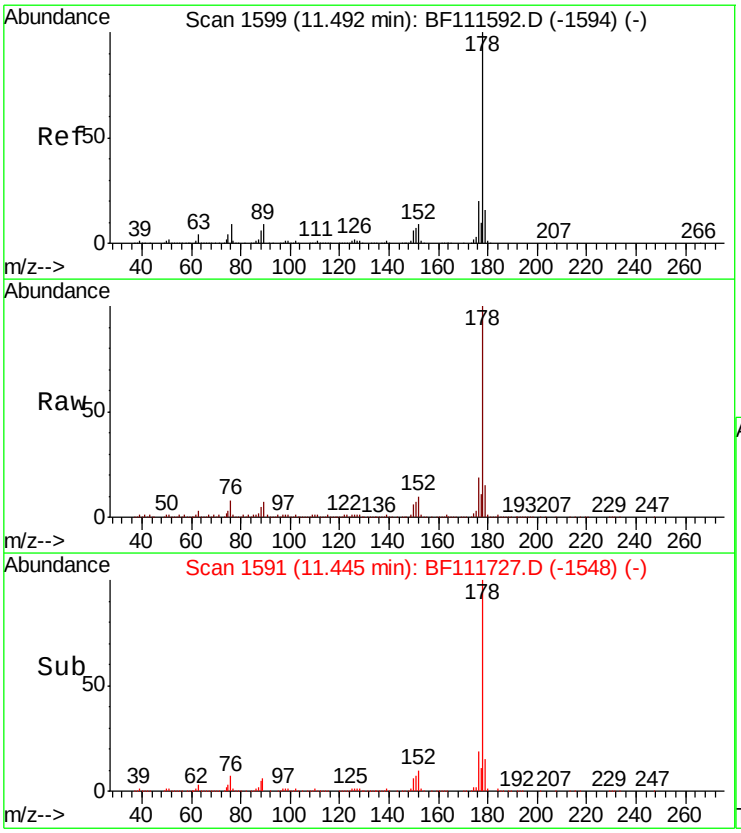
#71
Phenanthrene
Concen: 11.329 ng
RT: 11.45 min Scan# 1591
Delta R.T. 0.01 min
Lab File: BF111727.D
Acq: 26 Dec 2018 21:30

Instrument :
BNA_F
ClientSampleId :
P001-SS008-0006-01

Tgt Ion:178 Resp: 294060

Ion	Ratio	Lower	Upper
178	100		
176	19.2	18.1	27.1
179	15.0	14.0	21.0

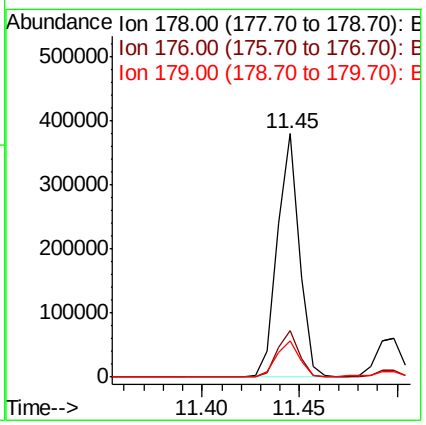


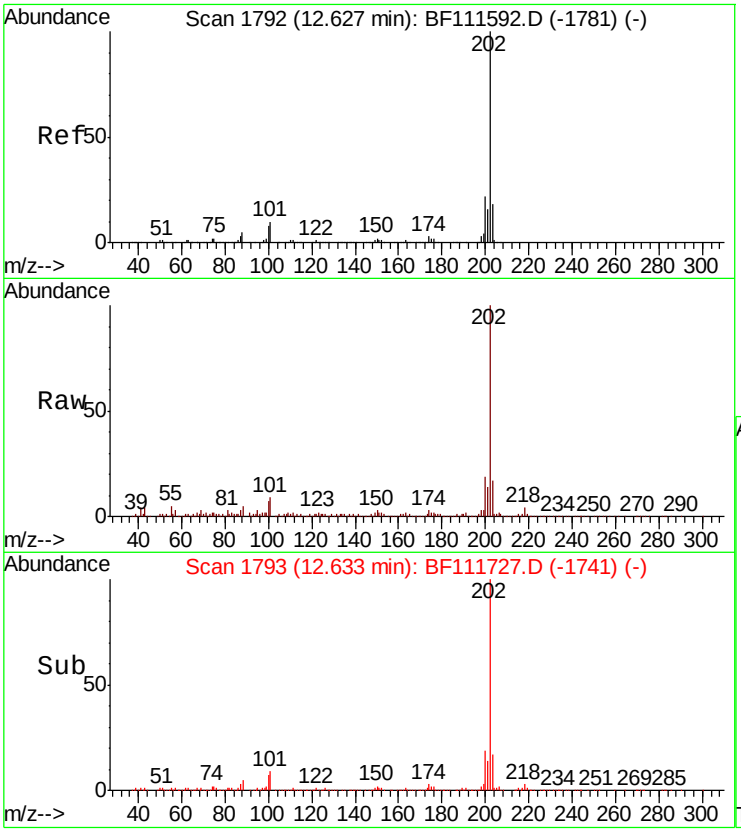


#72
Anthracene
Concen: 11.287 ng
RT: 11.45 min Scan# 1591
Delta R.T. -0.05 min
Lab File: BF111727.D
Acq: 26 Dec 2018 21:30

Tgt Ion:178 Resp: 294060

Ion	Ratio	Lower	Upper
178	100		
176	19.2	17.2	25.8
179	15.0	13.8	20.8



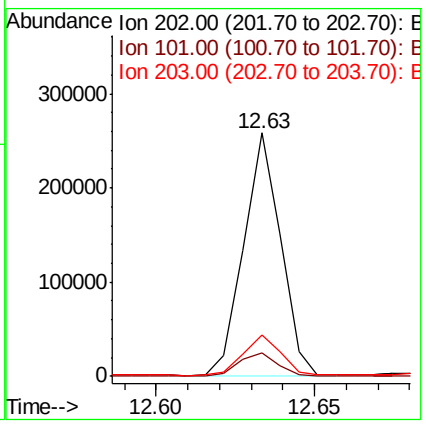


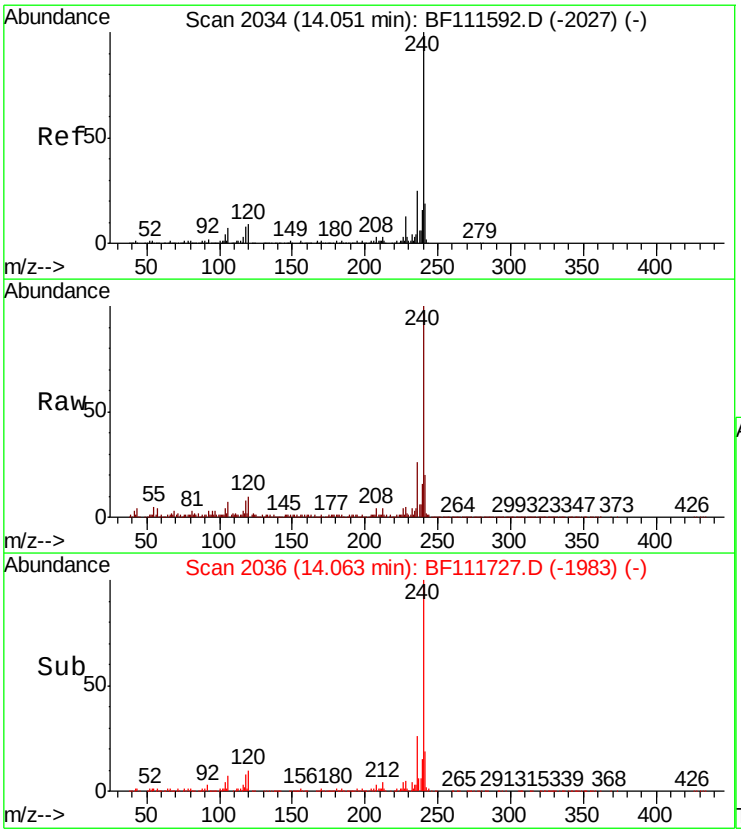
#75
Fluoranthene
Concen: 7.947 ng
RT: 12.63 min Scan# 1793
Delta R.T. 0.01 min
Lab File: BF111727.D
Acq: 26 Dec 2018 21:30

Instrument :
BNA_F
ClientSampleId :
P001-SS008-0006-01

Tgt Ion:202 Resp: 208873

Ion	Ratio	Lower	Upper
202	100		
101	9.4	0.0	33.8
203	16.9	0.0	38.6

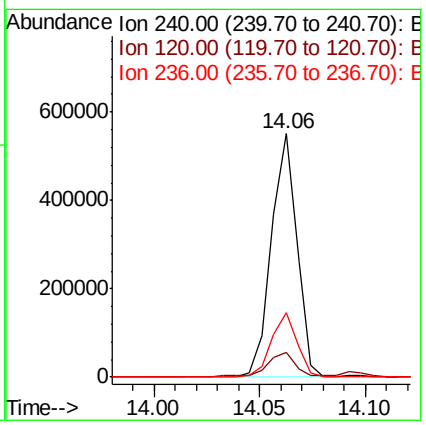


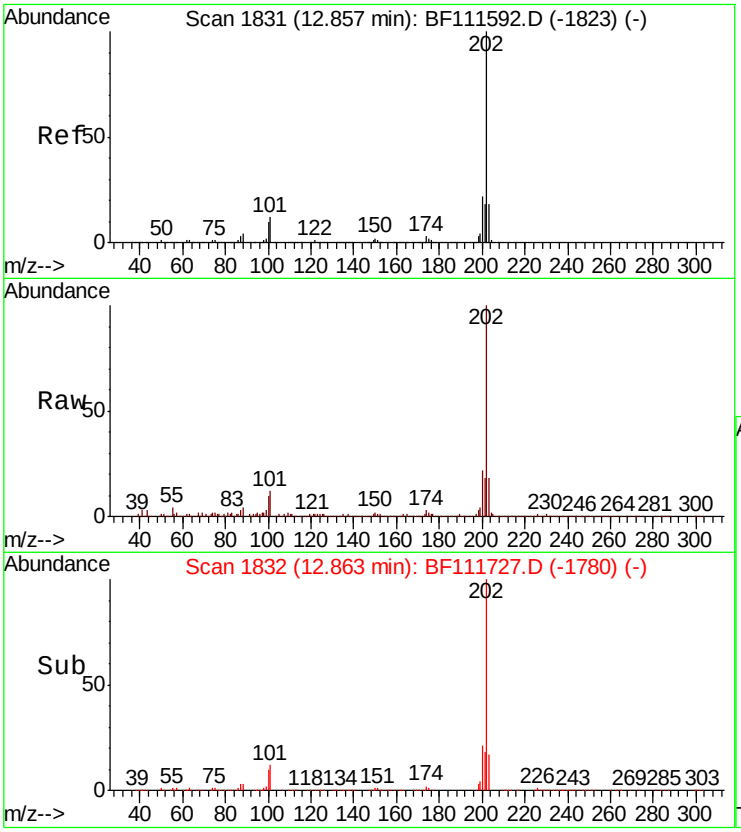


#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.06 min Scan# 2036
Delta R.T. 0.01 min
Lab File: BF111727.D
Acq: 26 Dec 2018 21:30

Tgt Ion:240 Resp: 463841

Ion	Ratio	Lower	Upper
240	100		
120	10.1	12.2	18.2#
236	26.3	20.2	30.2



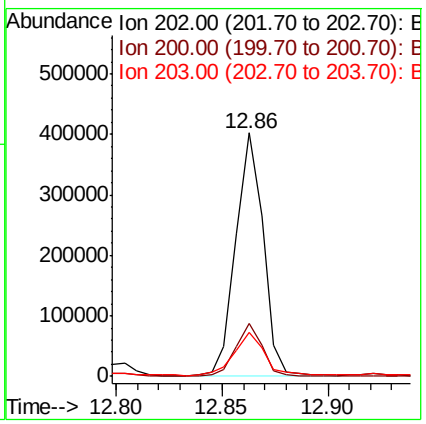


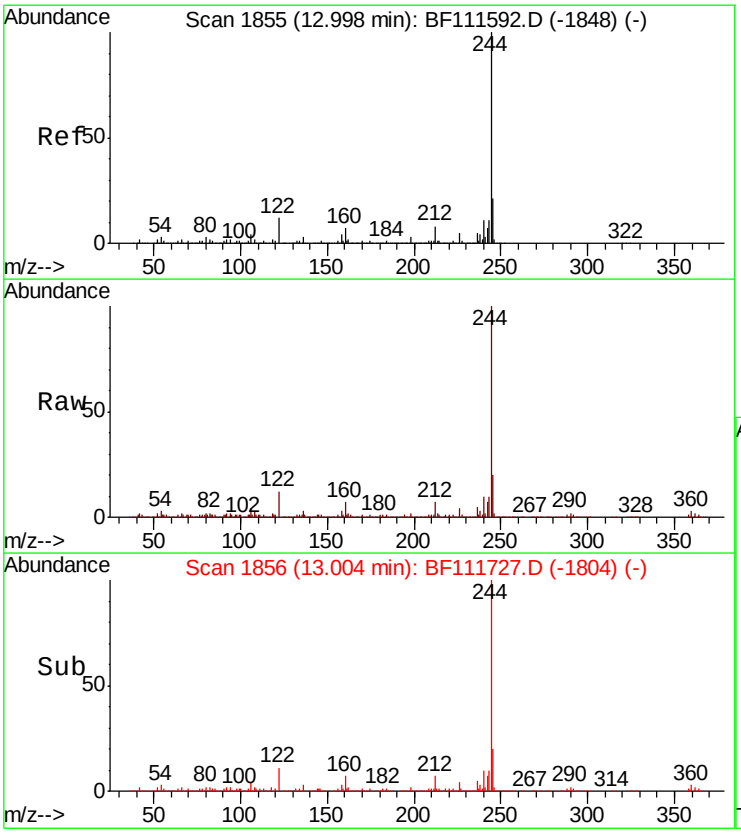
#78
Pyrene
Concen: 10.986 ng
RT: 12.86 min Scan# 1832
Delta R.T. 0.01 min
Lab File: BF111727.D
Acq: 26 Dec 2018 21:30

Instrument :
BNA_F
ClientSampleId :
P001-SS008-0006-01

Tgt Ion:202 Resp: 359853

Ion	Ratio	Lower	Upper
202	100		
200	21.5	19.0	28.4
203	17.9	15.2	22.8

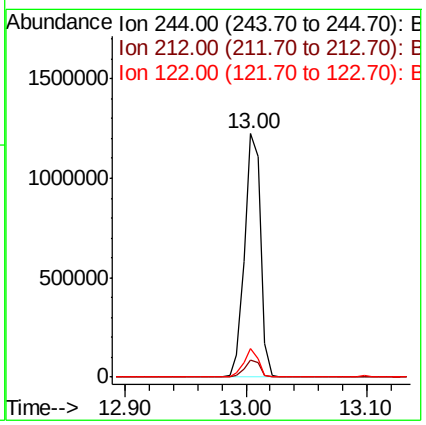


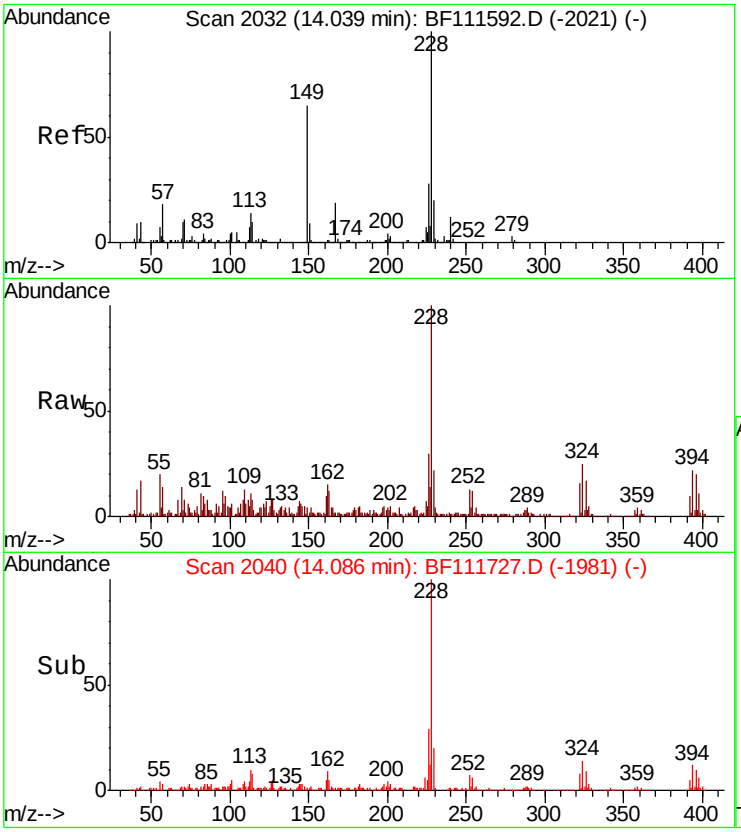


#79
Terphenyl-d14
Concen: 46.498 ng
RT: 13.00 min Scan# 1856
Delta R.T. 0.01 min
Lab File: BF111727.D
Acq: 26 Dec 2018 21:30

Tgt Ion:244 Resp: 1137296

Ion	Ratio	Lower	Upper
244	100		
212	7.0	5.7	8.5
122	11.5	13.1	19.7#



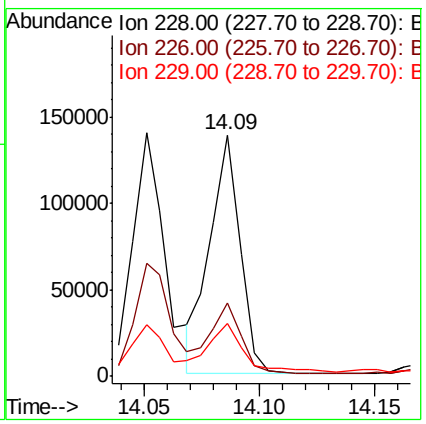


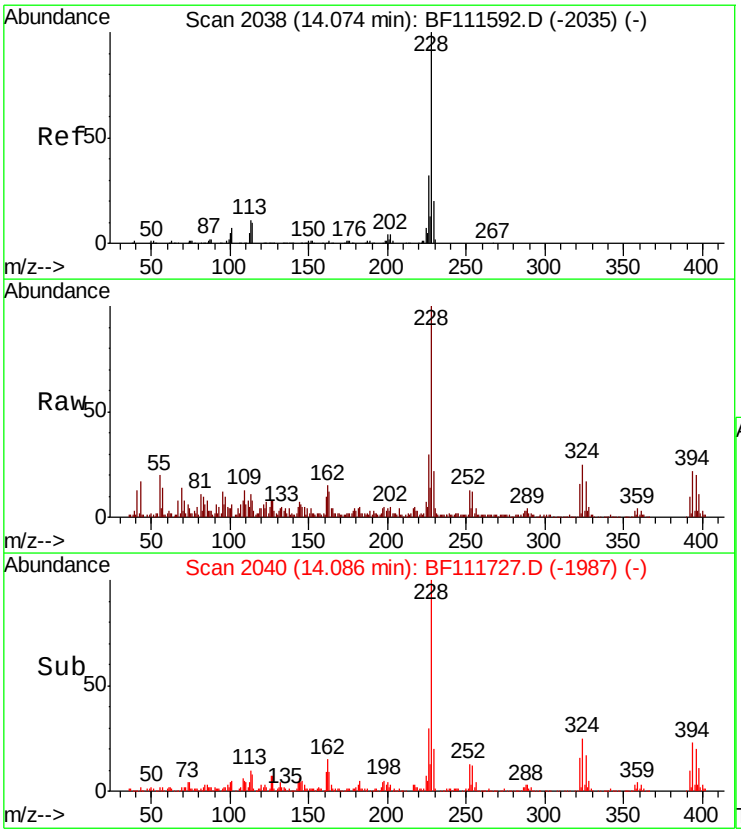
#81
Benzo(a)anthracene
Concen: 4.761 ng
RT: 14.09 min Scan# 2040
Delta R.T. 0.05 min
Lab File: BF111727.D
Acq: 26 Dec 2018 21:30

Instrument :
BNA_F
ClientSampleId :
P001-SS008-0006-01

Tgt Ion:228 Resp: 126027

Ion	Ratio	Lower	Upper
228	100		
226	30.2	22.6	34.0
229	22.0	16.3	24.5

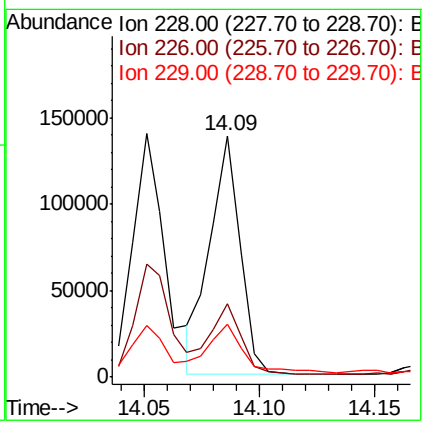


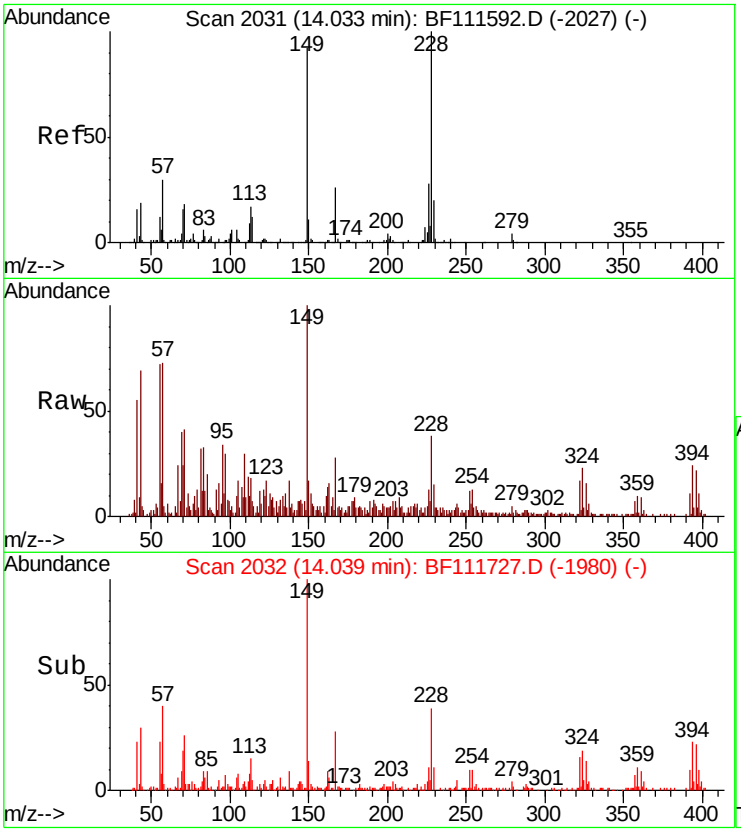


#83
Chrysene
Concen: 4.844 ng
RT: 14.09 min Scan# 2040
Delta R.T. 0.01 min
Lab File: BF111727.D
Acq: 26 Dec 2018 21:30

Tgt Ion:228 Resp: 126027

Ion	Ratio	Lower	Upper
228	100		
226	30.2	25.3	37.9
229	22.0	17.2	25.8



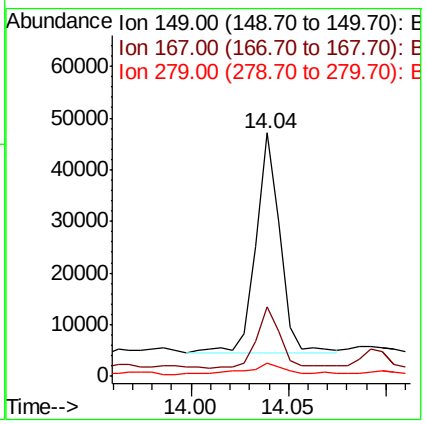


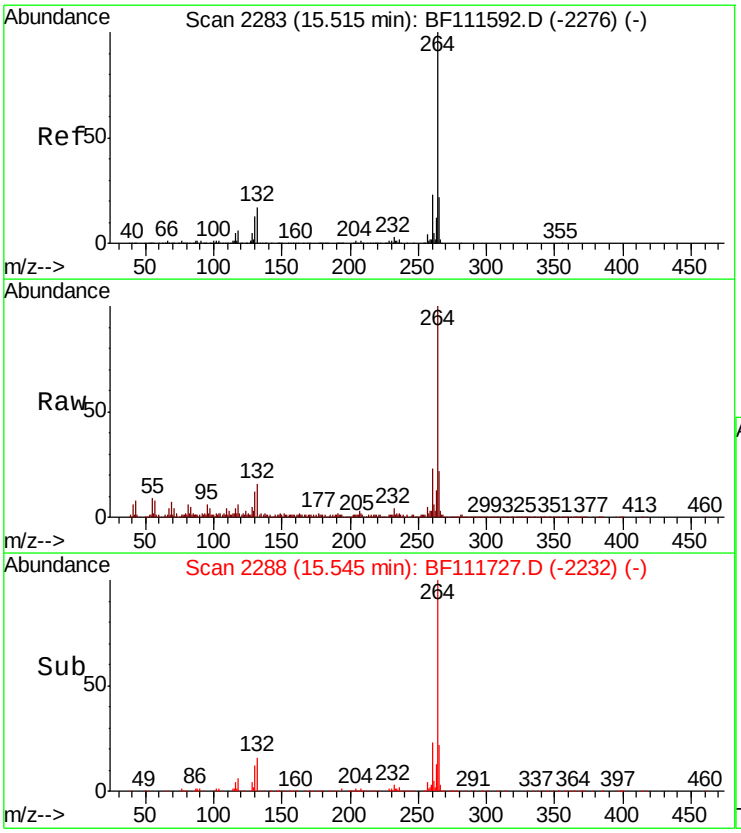
#84
Bis(2-ethylhexyl)phthalate
Concen: 2.160 ng
RT: 14.04 min Scan# 2032
Delta R.T. 0.01 min
Lab File: BF111727.D
Acq: 26 Dec 2018 21:30

Instrument :
BNA_F
ClientSampleId :
P001-SS008-0006-01

Tgt Ion:149 Resp: 36335

Ion	Ratio	Lower	Upper
149	100		
167	28.4	22.5	33.7
279	5.3	2.6	4.0#

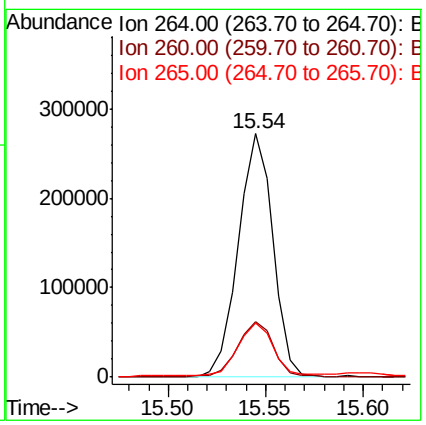


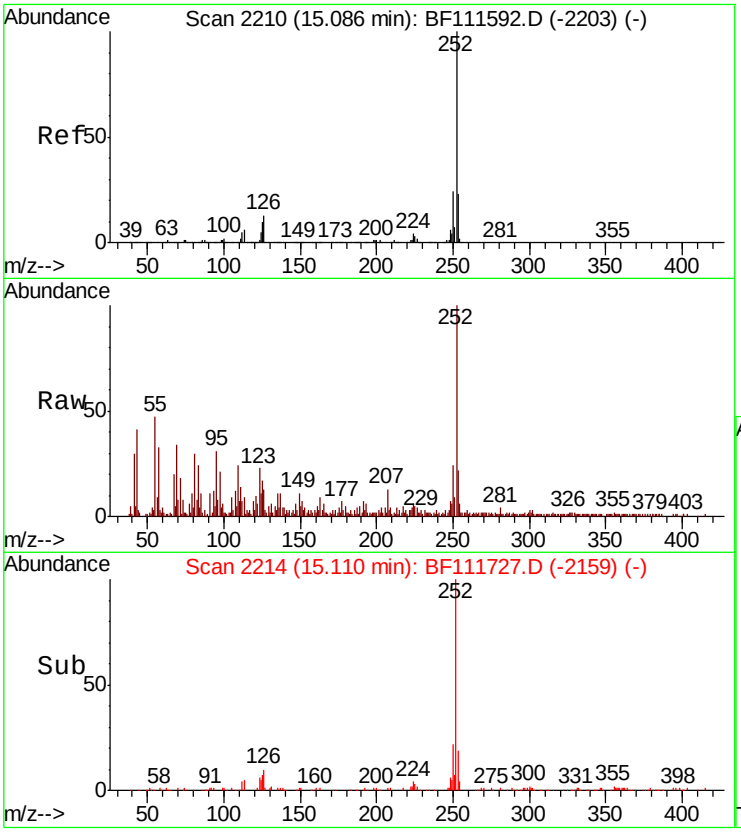


#87
Perylene-d12
Concen: 20.000 ng
RT: 15.54 min Scan# 2288
Delta R.T. 0.03 min
Lab File: BF111727.D
Acq: 26 Dec 2018 21:30

Tgt Ion:264 Resp: 331613

Ion	Ratio	Lower	Upper
264	100		
260	22.9	18.3	27.5
265	22.3	17.7	26.5



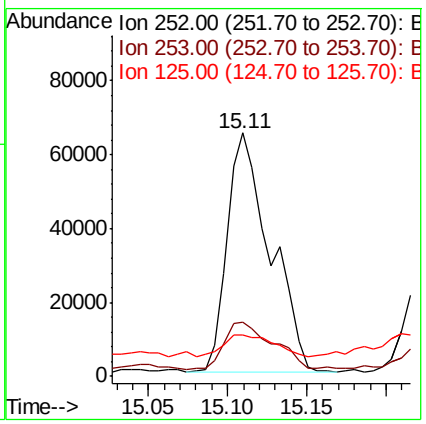


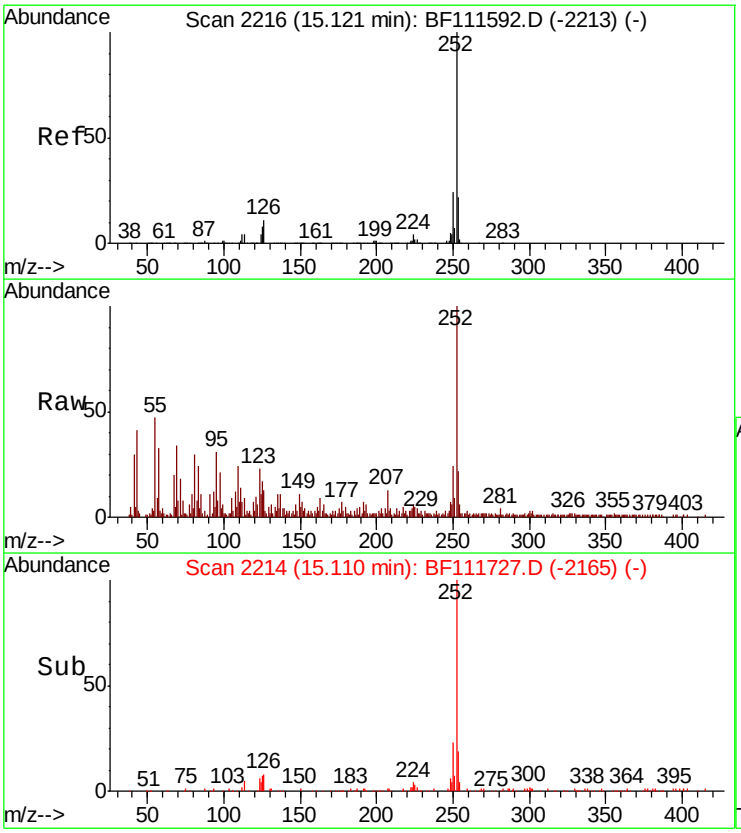
#88
Benzo(b)fluoranthene
Concen: 6.300 ng
RT: 15.11 min Scan# 2214
Delta R.T. 0.02 min
Lab File: BF111727.D
Acq: 26 Dec 2018 21:30

Instrument :
BNA_F
ClientSampleId :
P001-SS008-0006-01

Tgt Ion:252 Resp: 122103

Ion	Ratio	Lower	Upper
252	100		
253	22.3	18.2	27.2
125	16.9	10.4	15.6#

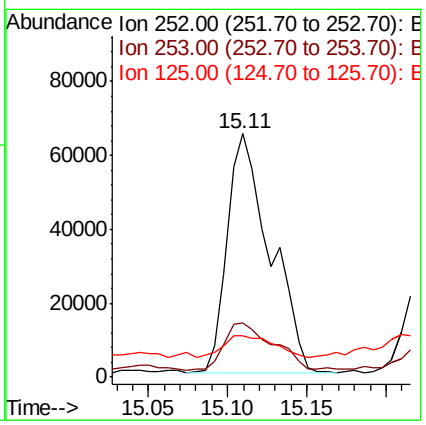


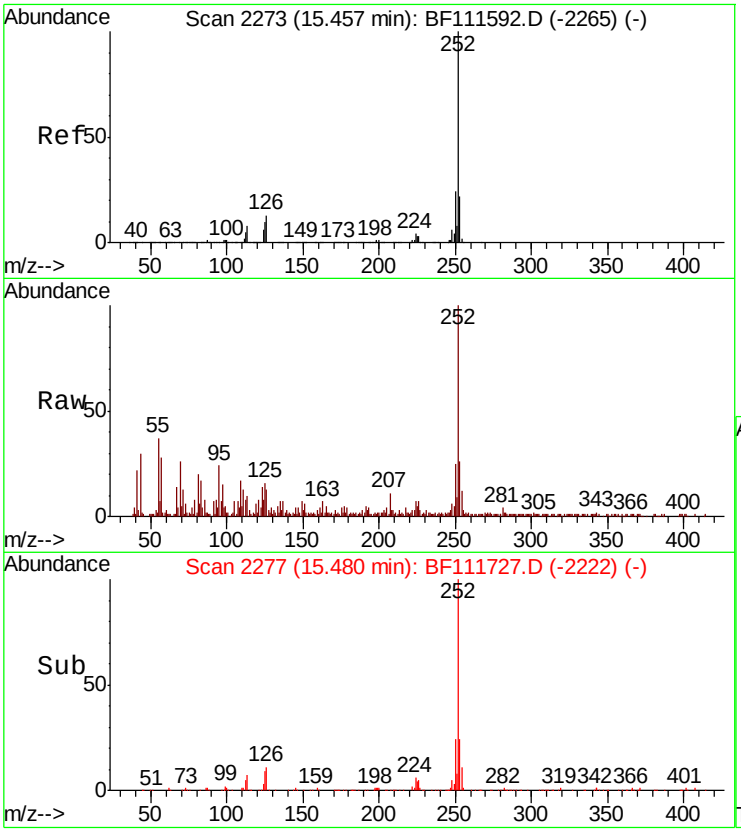


#89
Benzo(k)fluoranthene
Concen: 6.618 ng
RT: 15.11 min Scan# 2214
Delta R.T. -0.01 min
Lab File: BF111727.D
Acq: 26 Dec 2018 21:30

Tgt Ion:252 Resp: 122103

Ion	Ratio	Lower	Upper
252	100		
253	22.3	18.1	27.1
125	16.9	9.8	14.8#



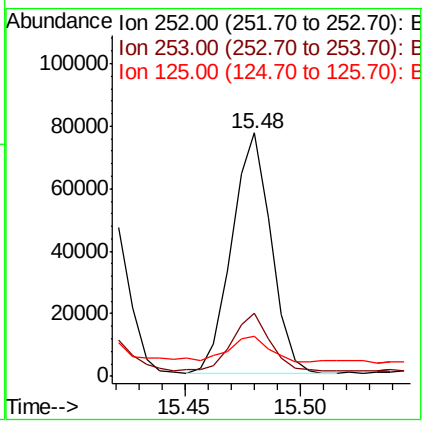


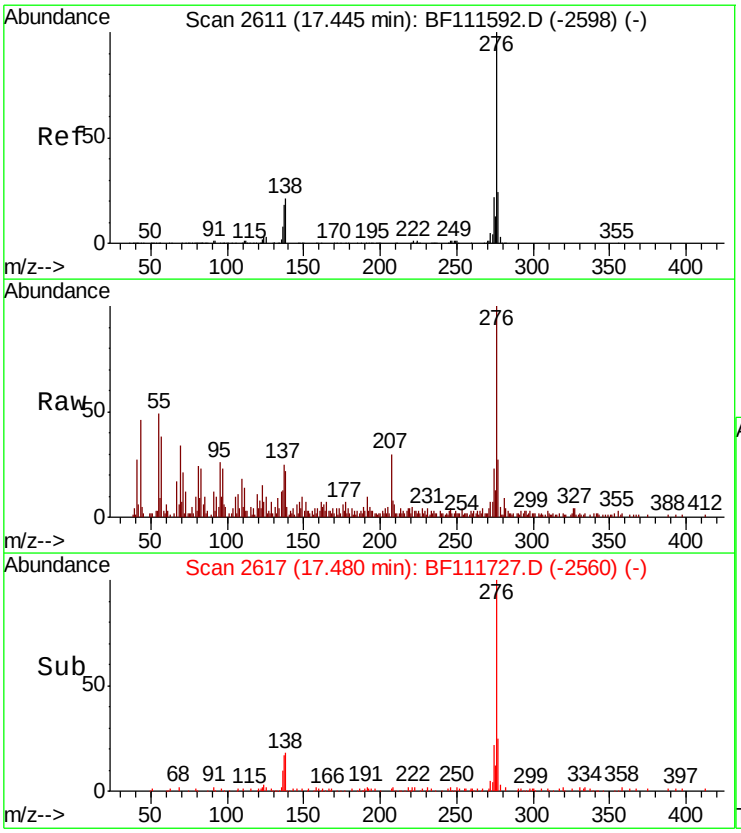
#90
Benzo(a)pyrene
Concen: 5.172 ng
RT: 15.48 min Scan# 2277
Delta R.T. 0.02 min
Lab File: BF111727.D
Acq: 26 Dec 2018 21:30

Instrument :
BNA_F
ClientSampleId :
P001-SS008-0006-01

Tgt Ion:252 Resp: 91069

Ion	Ratio	Lower	Upper
252	100		
253	25.8	17.8	26.8
125	16.3	12.3	18.5





#92
Benzo(g,h,i)perylene
Concen: 3.871 ng
RT: 17.48 min Scan# 2617
Delta R.T. 0.04 min
Lab File: BF111727.D
Acq: 26 Dec 2018 21:30

Tgt Ion:276 Resp: 58278

Ion	Ratio	Lower	Upper
276	100		
277	26.6	19.2	28.8
138	21.9	24.9	37.3#