Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF122618\
Data File : BF111728.D
Acq On : 26 Dec 2018 21:57
Operator : JU/SJ
Sample : J6386-20
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : P001-SS008-0612-01

Quant Time: Dec 27 02:16:03 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	222394	20.00	ng		0.00
21) Naphthalene-d8	8.18	136	757019	20.00	ng		0.00
39) Acenaphthene-d10	9.93	164	313019	20.00	ng		0.00
64) Phenanthrene-d10	11.42	188	527932	20.00	ng		0.00
76) Chrysene-d12	14.07	240	448251	20.00	ng		0.02
87) Perylene-d12	15.56	264	327573	20.00	ng		0.04
System Monitoring Compounds							
5) 2-Fluorophenol	5.54	112	1238974	94.96	ng		0.02
7) Phenol-d6	6.54	99	1557226	93.78	ng		0.02
23) Nitrobenzene-d5	7.46	82	984708	75.71	ng		0.00
42) 2,4,6-Tribromophenol	10.73	330	342896	92.71	ng		0.00
45) 2-Fluorobiphenyl	9.26	172	1602436	74.62	ng		0.00
79) Terphenyl-d14	13.01	244	1359582	57.52	ng		0.01
Target Compounds							Qvalue
10) Phenol	6.55	94	115456	6.163	ng		99
19) n-Nitroso-di-n-propylamine	7.46	70	135734	12.309	ng	#	79
20) 3+4-Methylphenols	7.30	107	36808	2.517	ng	#	63
25) Isophorone	7.46	82	982631	42.560	ng	#	64
49) Acenaphthylene	9.80	152	112531	3.682	ng		97
50) Dimethylphthalate	9.65	163	228024	9.962	ng		98
65) 4,6-Dinitro-2-methylphenol	10.72	198	780	7.000	ng	#	1
71) Phenanthrene	11.45	178	436179	15.579	ng		94
72) Anthracene	11.50	178	88015	3.132	ng		97
75) Fluoranthene	12.64	202	356325	12.568	ng		95
78) Pyrene	12.87	202	591185	18.676	ng		96
81) Benzo(a)anthracene	14.09	228	202715	7.924	ng		95
83) Chrysene	14.09	228	202715	8.063	ng		98
86) Indeno(1,2,3-cd)pyrene	17.05	276	66685	3.120	ng	#	83
88) Benzo(b)fluoranthene	15.12	252	179482	9.375	ng	#	86
89) Benzo(k)fluoranthene	15.12	252	179482	9.847	ng	#	85
90) Benzo(a)pyrene	15.49	252	130907	7.526	ng	#	92
92) Benzo(g,h,i)perylene	17.50	276	94507	6.355	ng	#	91

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

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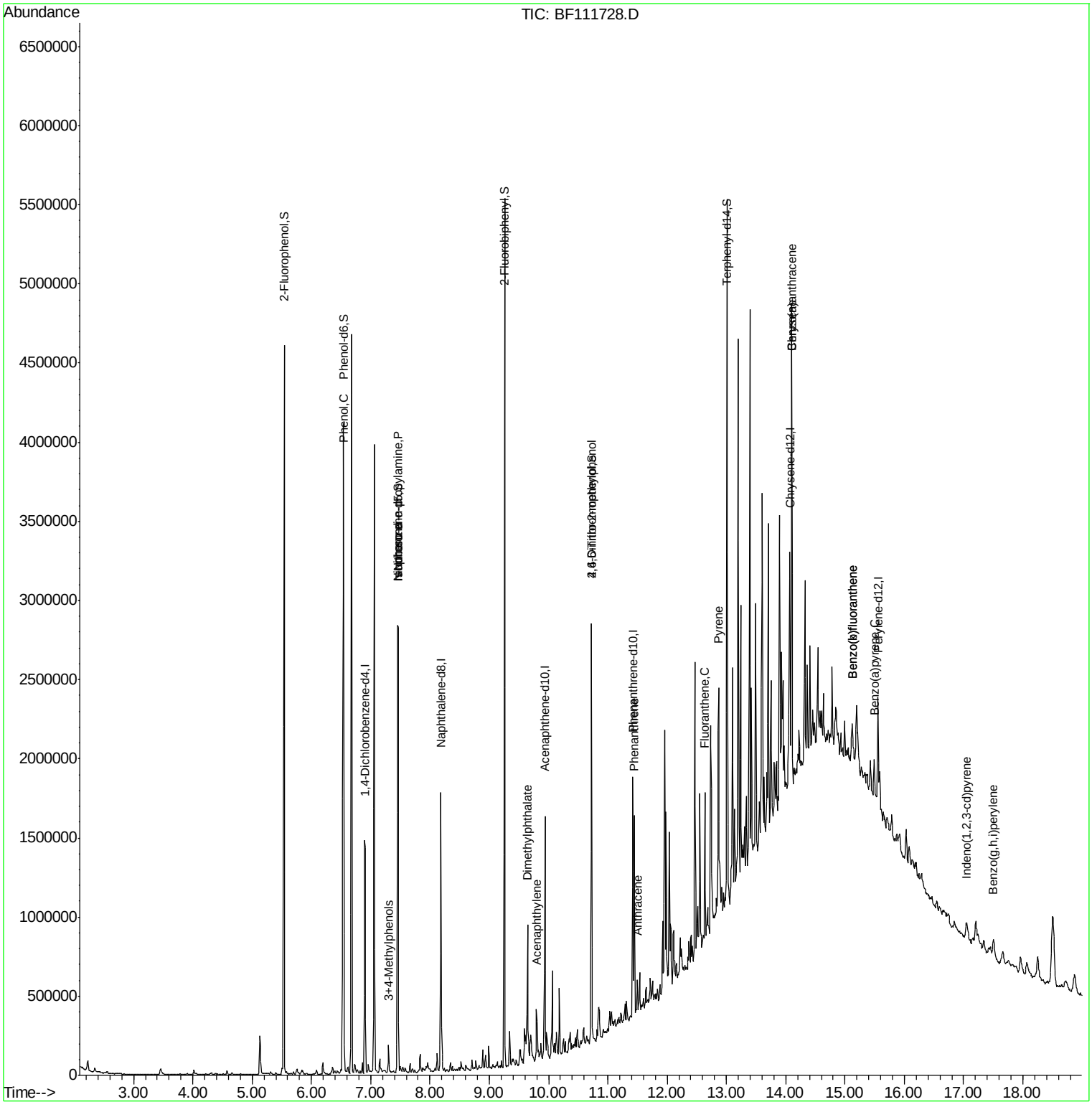
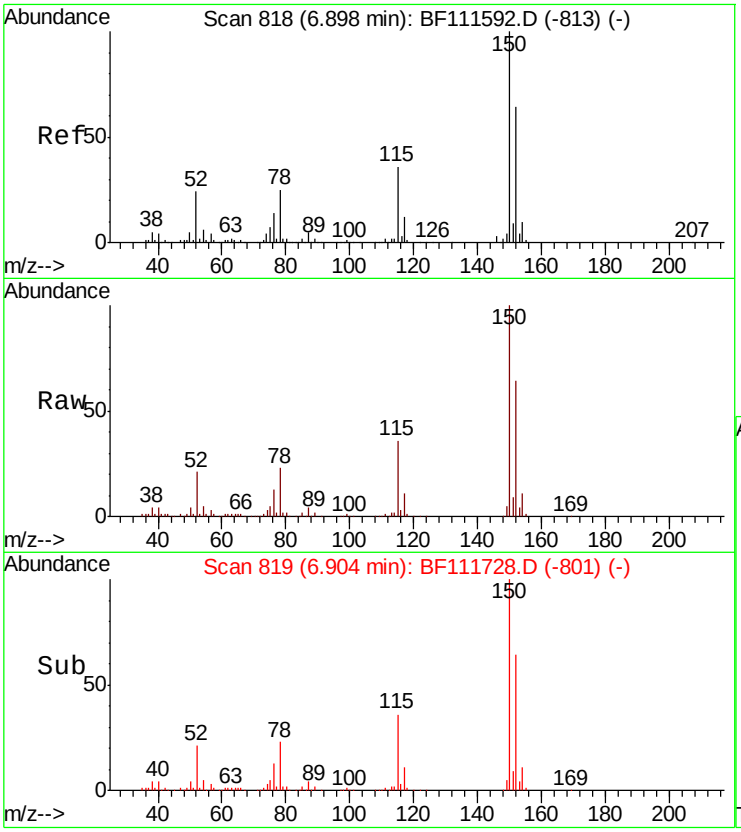


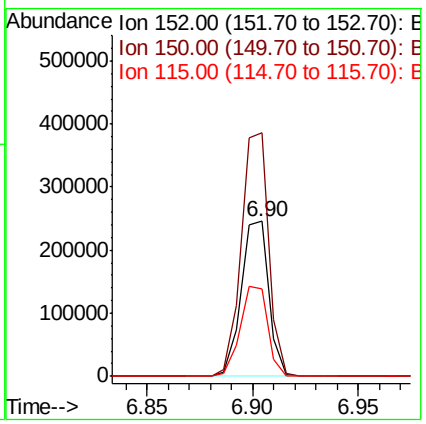


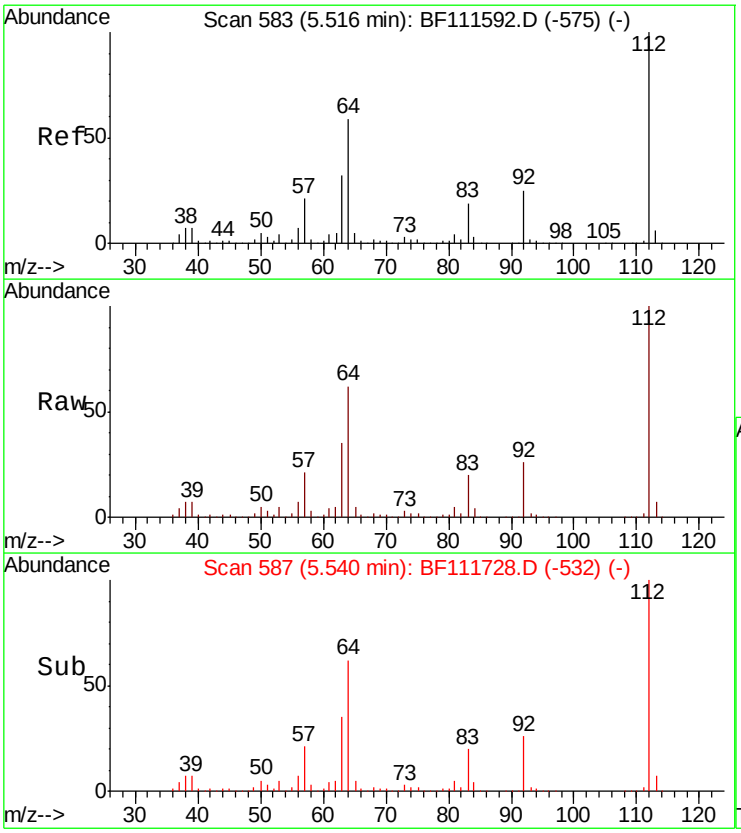
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.90 min Scan# 819
Delta R.T. 0.01 min
Lab File: BF111728.D
Acq: 26 Dec 2018 21:57

Instrument :
BNA_F
ClientSampleId :
P001-SS008-0612-01

Tgt Ion:152 Resp: 222394

Ion	Ratio	Lower	Upper
152	100		
150	157.3	126.6	189.8
115	56.8	50.7	76.1

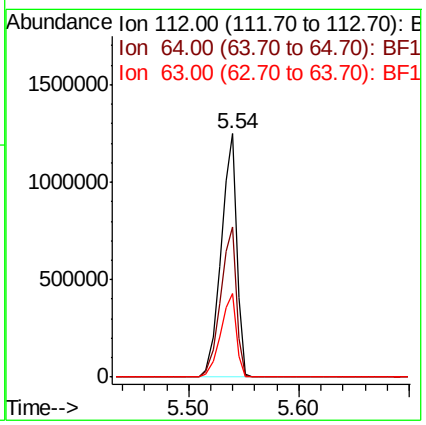


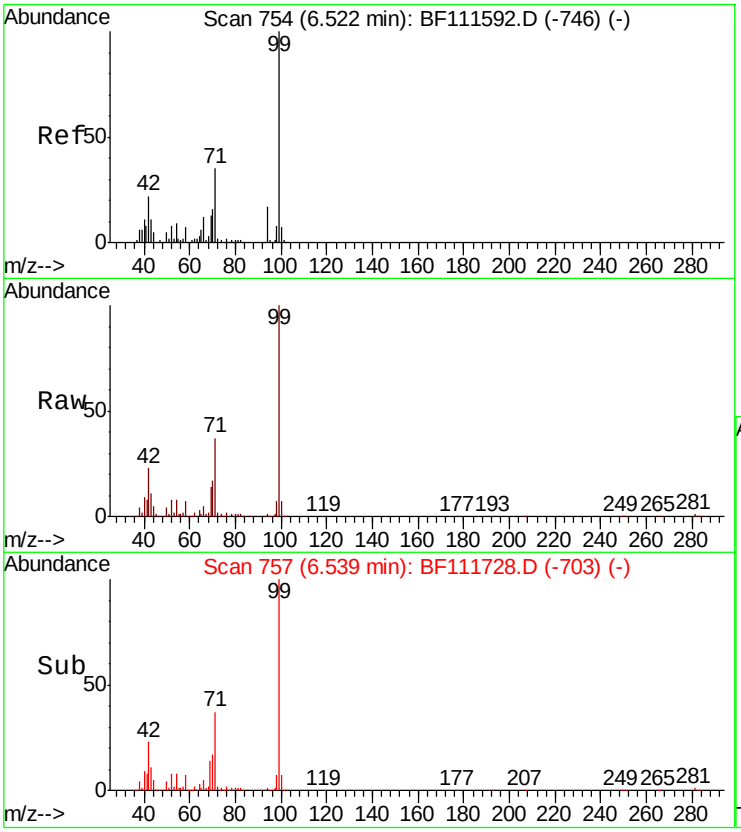


#5
2-Fluorophenol
Concen: 94.961 ng
RT: 5.54 min Scan# 587
Delta R.T. 0.02 min
Lab File: BF111728.D
Acq: 26 Dec 2018 21:57

Tgt Ion:112 Resp: 1238974

Ion	Ratio	Lower	Upper
112	100		
64	61.8	51.8	77.6
63	34.5	26.8	40.2



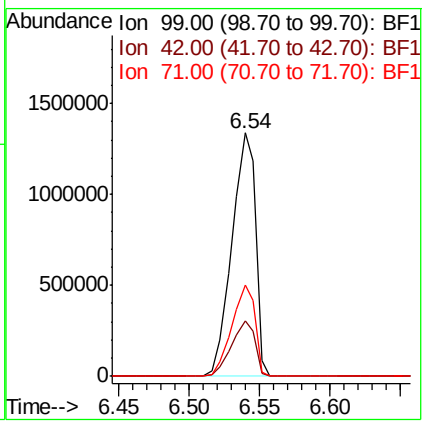


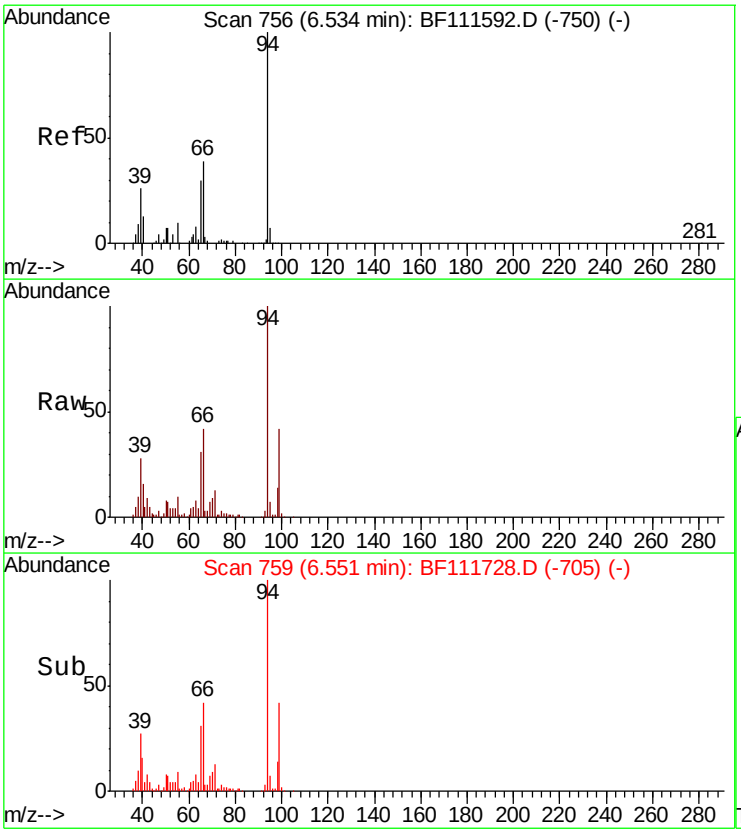
#7
Phenol-d6
Concen: 93.783 ng
RT: 6.54 min Scan# 757
Delta R.T. 0.02 min
Lab File: BF111728.D
Acq: 26 Dec 2018 21:57

Instrument :
BNA_F
ClientSampleId :
P001-SS008-0612-01

Tgt Ion: 99 Resp: 1557226

Ion	Ratio	Lower	Upper
99	100		
42	22.6	17.4	26.0
71	37.2	26.1	39.1

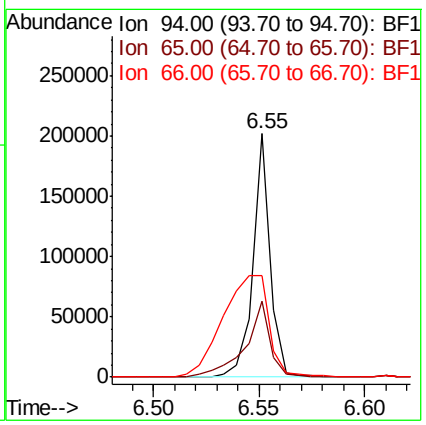


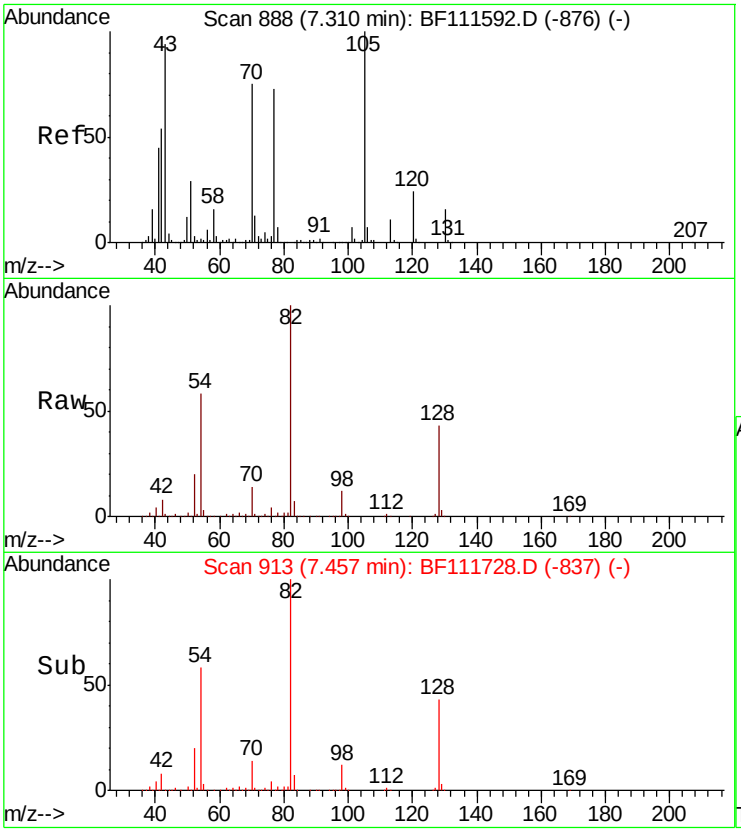


#10
Phenol
Concen: 6.163 ng
RT: 6.55 min Scan# 759
Delta R.T. 0.02 min
Lab File: BF111728.D
Acq: 26 Dec 2018 21:57

Tgt Ion: 94 Resp: 115456

Ion	Ratio	Lower	Upper
94	100		
65	31.4	11.7	51.7
66	41.9	21.0	61.0



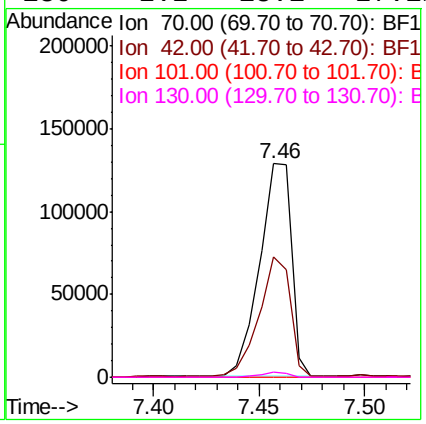


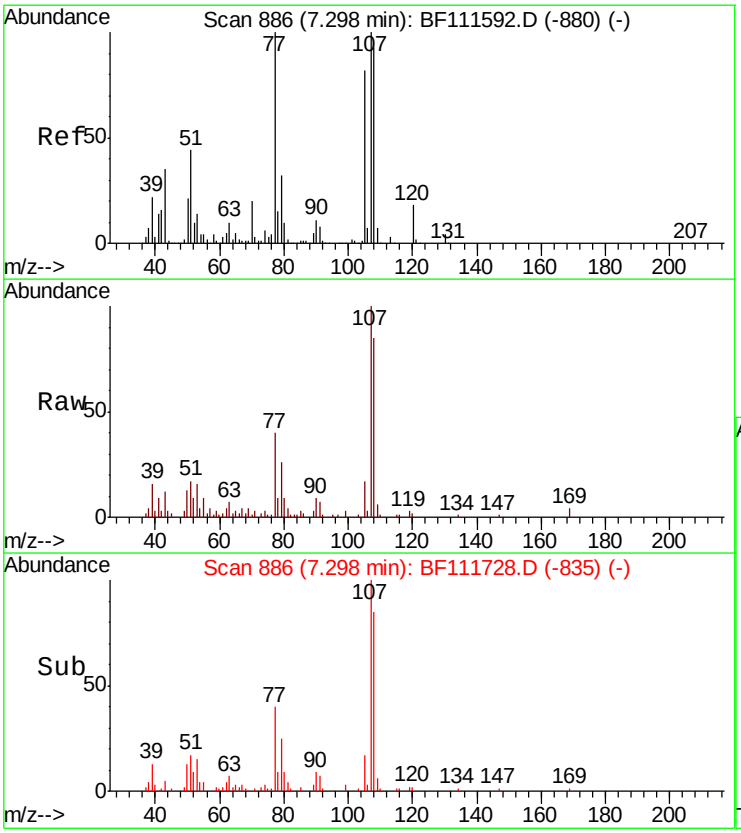
#19
n-Nitroso-di-n-propylamine
Concen: 12.309 ng
RT: 7.46 min Scan# 913
Delta R.T. 0.15 min
Lab File: BF111728.D
Acq: 26 Dec 2018 21:57

Instrument :
BNA_F
ClientSampleId :
P001-SS008-0612-01

Tgt Ion: 70 Resp: 135734

Ion	Ratio	Lower	Upper
70	100		
42	56.5	53.2	79.8
101	0.0	8.2	12.4#
130	2.2	18.1	27.1#

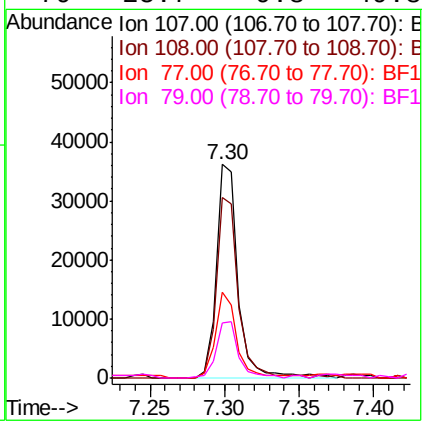


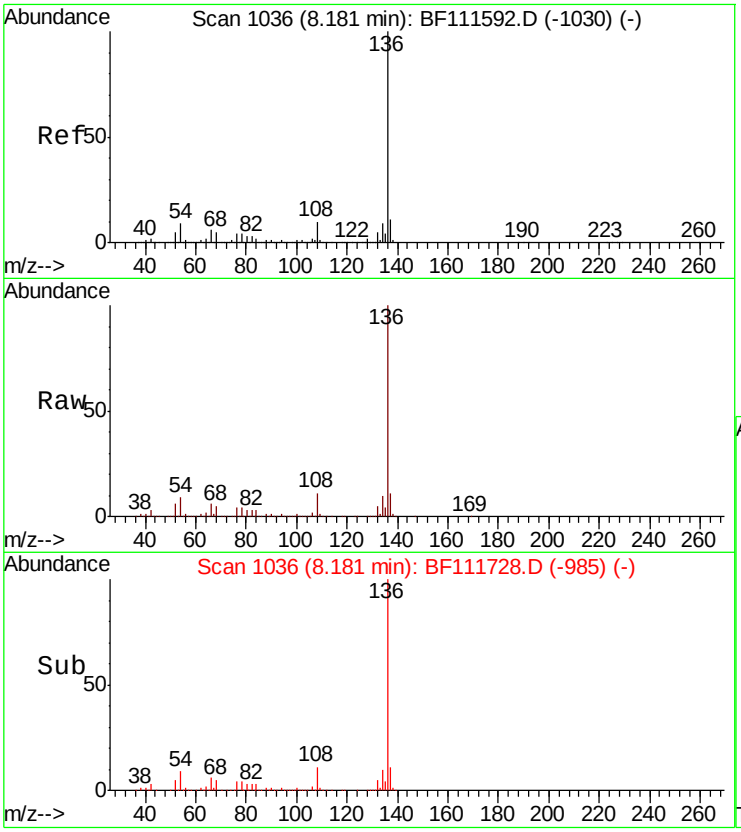


#20
3+4-Methylphenols
Concen: 2.517 ng
RT: 7.30 min Scan# 886
Delta R.T. -0.00 min
Lab File: BF111728.D
Acq: 26 Dec 2018 21:57

Tgt Ion:107 Resp: 36808

Ion	Ratio	Lower	Upper
107	100		
108	84.7	72.1	112.1
77	40.3	94.1	134.1#
79	25.7	9.8	49.8



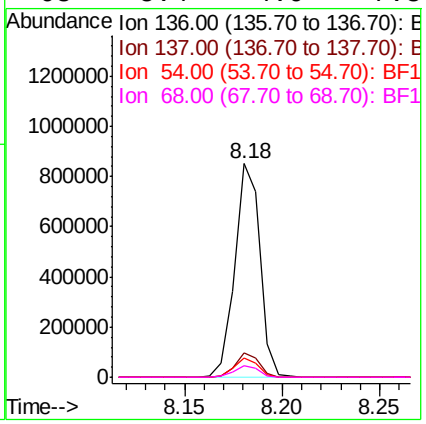


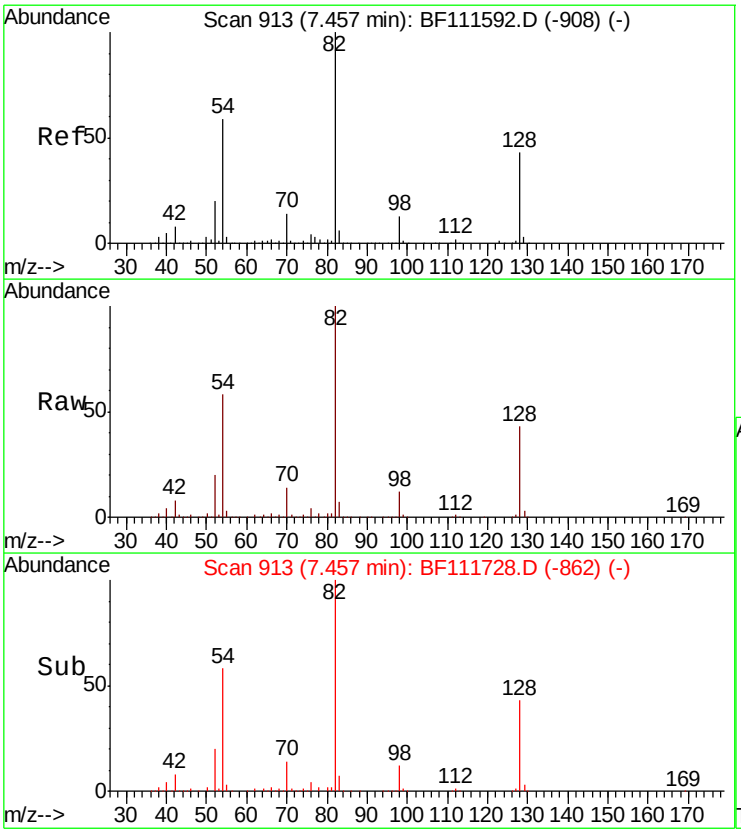
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.18 min Scan# 1036
Delta R.T. -0.00 min
Lab File: BF111728.D
Acq: 26 Dec 2018 21:57

Instrument :
BNA_F
ClientSampleId :
P001-SS008-0612-01

Tgt Ion:136 Resp: 757019

Ion	Ratio	Lower	Upper
136	100		
137	11.2	9.1	13.7
54	9.0	7.7	11.5
68	5.4	4.9	7.3

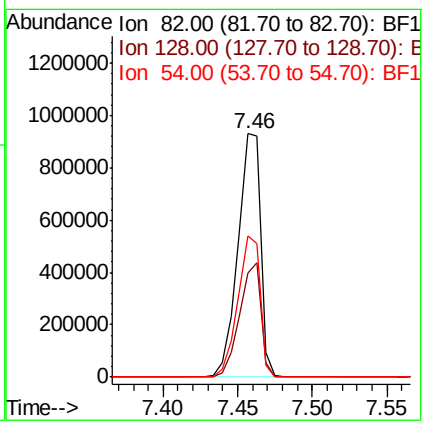


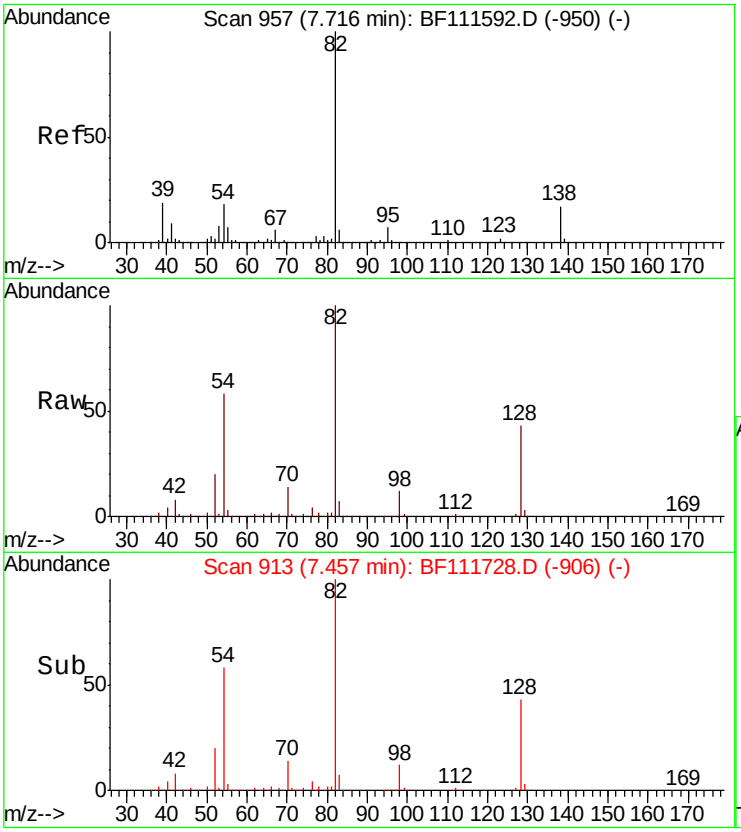


#23
Nitrobenzene-d5
Concen: 75.715 ng
RT: 7.46 min Scan# 913
Delta R.T. -0.00 min
Lab File: BF111728.D
Acq: 26 Dec 2018 21:57

Tgt Ion: 82 Resp: 984708

Ion	Ratio	Lower	Upper
82	100		
128	42.6	37.4	56.2
54	57.8	47.6	71.4



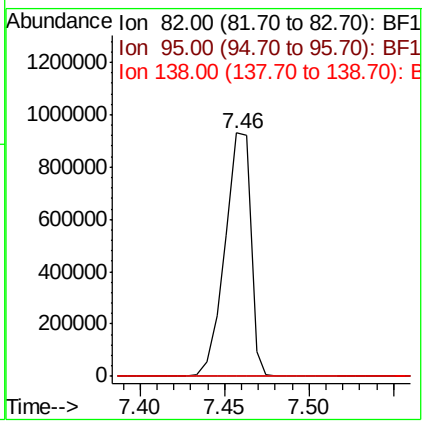


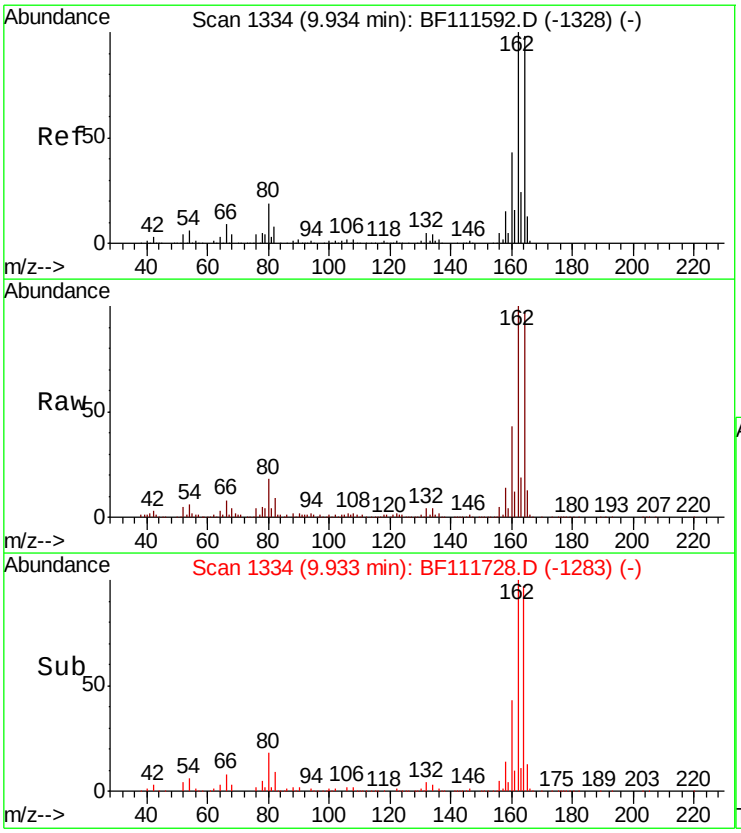
#25
Isophorone
Concen: 42.560 ng
RT: 7.46 min Scan# 913
Delta R.T. -0.26 min
Lab File: BF111728.D
Acq: 26 Dec 2018 21:57

Instrument :
BNA_F
ClientSampleId :
P001-SS008-0612-01

Tgt Ion: 82 Resp: 982631

Ion	Ratio	Lower	Upper
82	100		
95	0.1	5.4	8.2#
138	0.0	15.1	22.7#

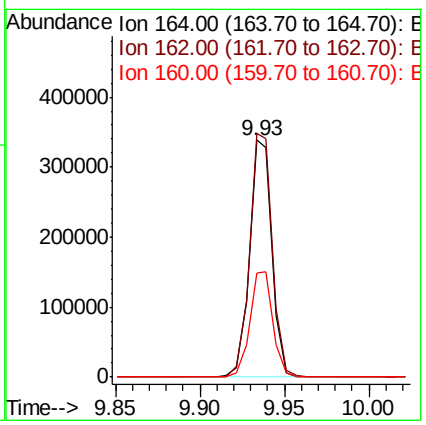


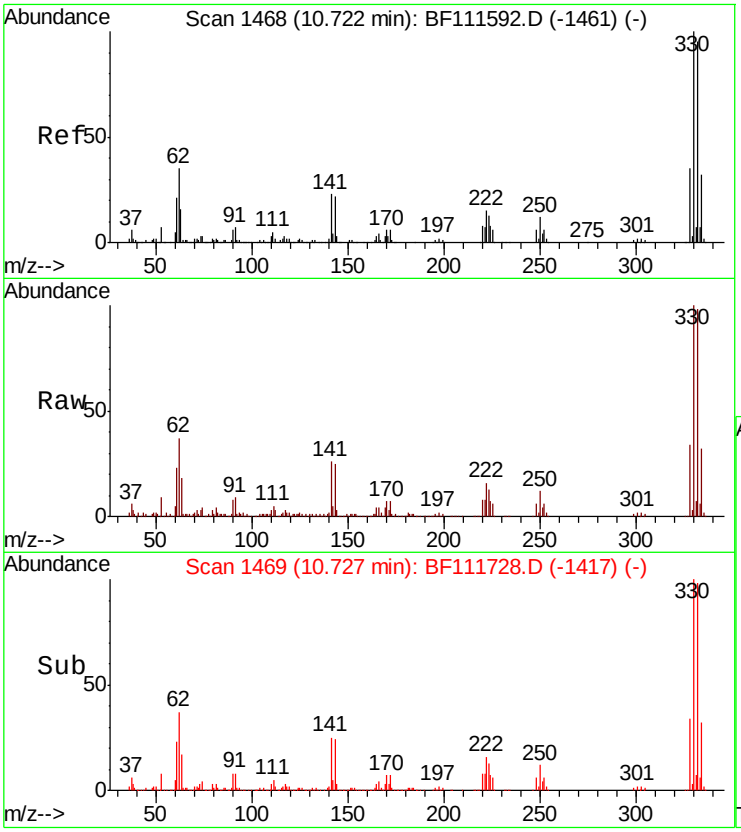


#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.93 min Scan# 1334
Delta R.T. -0.00 min
Lab File: BF111728.D
Acq: 26 Dec 2018 21:57

Tgt Ion:164 Resp: 313019

Ion	Ratio	Lower	Upper
164	100		
162	102.7	81.4	122.0
160	43.9	35.7	53.5



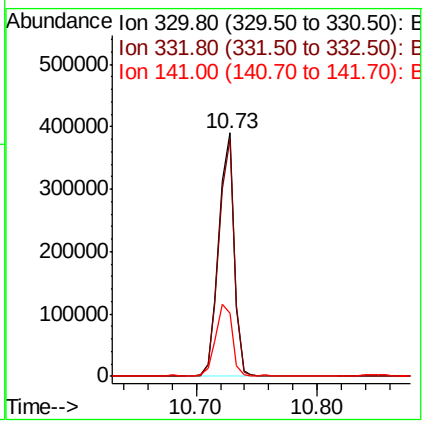


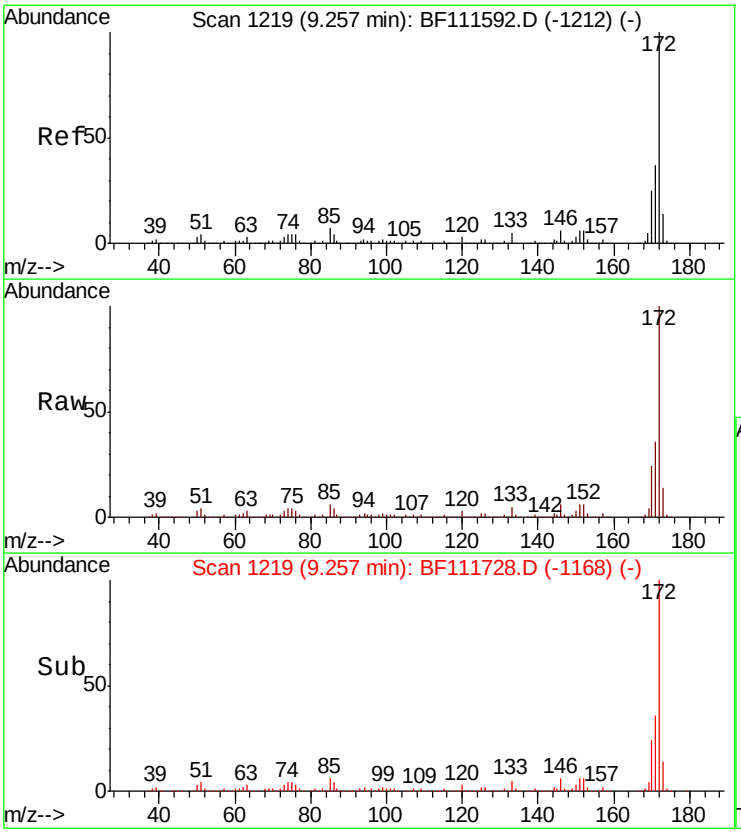
#42
2,4,6-Tribromophenol
Concen: 92.711 ng
RT: 10.73 min Scan# 1469
Delta R.T. 0.01 min
Lab File: BF111728.D
Acq: 26 Dec 2018 21:57

Instrument :
BNA_F
ClientSampleId :
P001-SS008-0612-01

Tgt Ion:330 Resp: 342896

Ion	Ratio	Lower	Upper
330	100		
332	97.4	76.0	114.0
141	30.9	31.0	46.6#

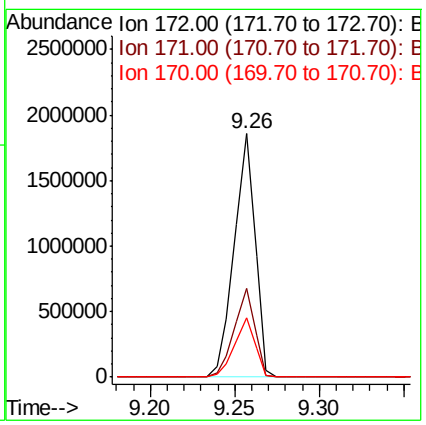


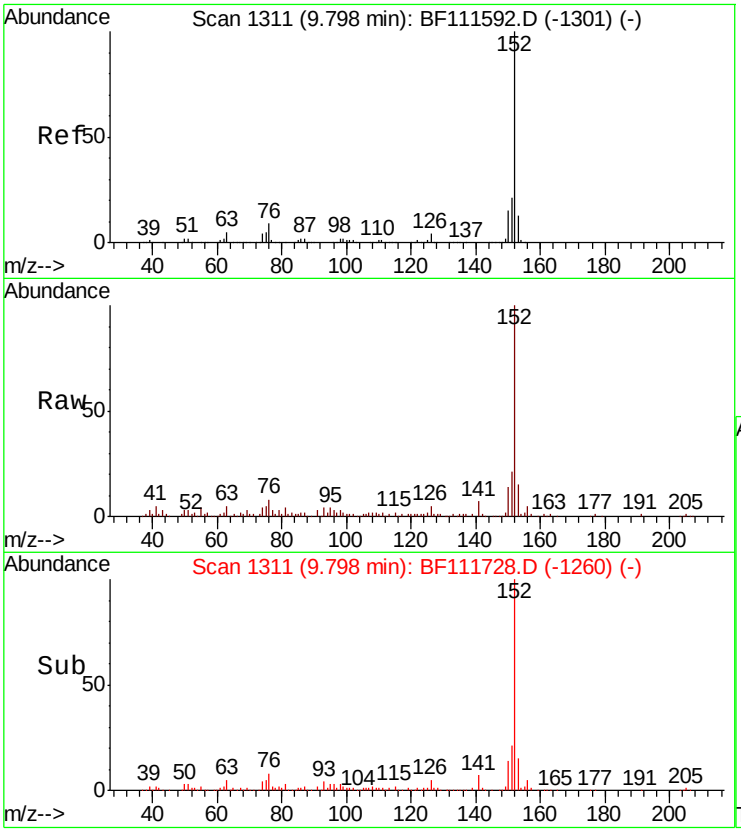


#45
2-Fluorobiphenyl
Concen: 74.618 ng
RT: 9.26 min Scan# 1219
Delta R.T. -0.00 min
Lab File: BF111728.D
Acq: 26 Dec 2018 21:57

Tgt Ion:172 Resp: 1602436

Ion	Ratio	Lower	Upper
172	100		
171	36.4	33.0	49.4
170	24.3	22.3	33.5



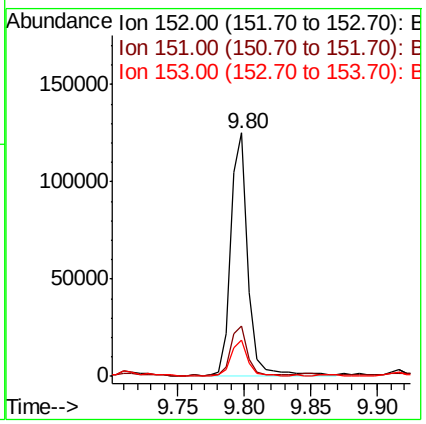


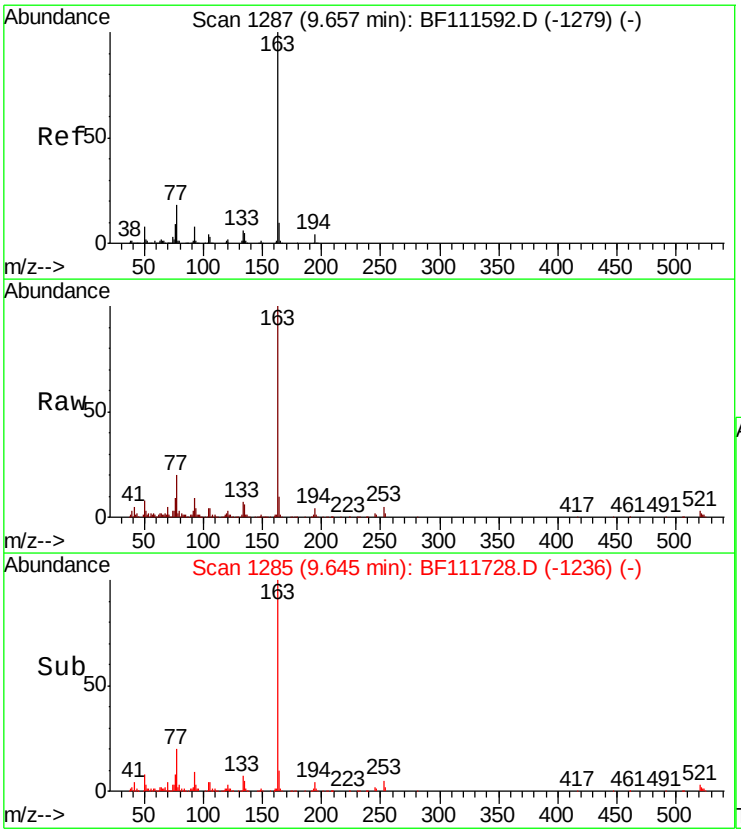
#49
Acenaphthylene
Concen: 3.682 ng
RT: 9.80 min Scan# 1311
Delta R.T. -0.00 min
Lab File: BF111728.D
Acq: 26 Dec 2018 21:57

Instrument :
BNA_F
ClientSampleId :
P001-SS008-0612-01

Tgt Ion:152 Resp: 112531

Ion	Ratio	Lower	Upper
152	100		
151	20.9	18.0	27.0
153	14.8	12.3	18.5

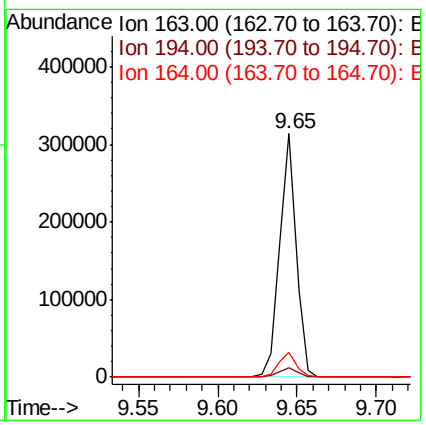


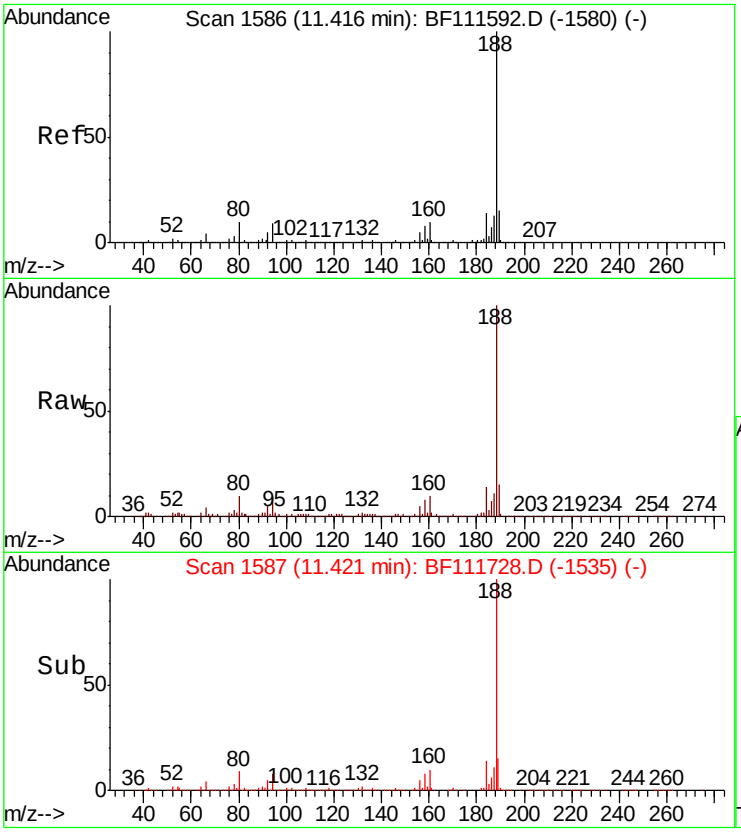


#50
Dimethylphthalate
Concen: 9.962 ng
RT: 9.65 min Scan# 1285
Delta R.T. -0.01 min
Lab File: BF111728.D
Acq: 26 Dec 2018 21:57

Tgt Ion:163 Resp: 228024

Ion	Ratio	Lower	Upper
163	100		
194	4.0	3.0	4.6
164	10.0	8.9	13.3



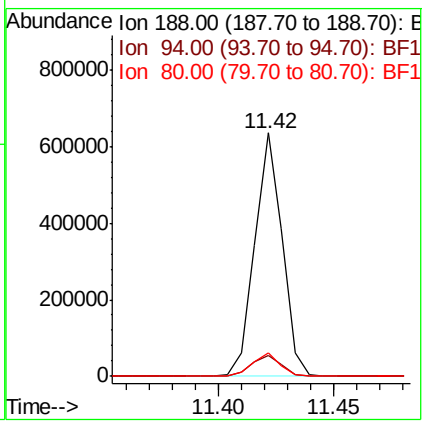


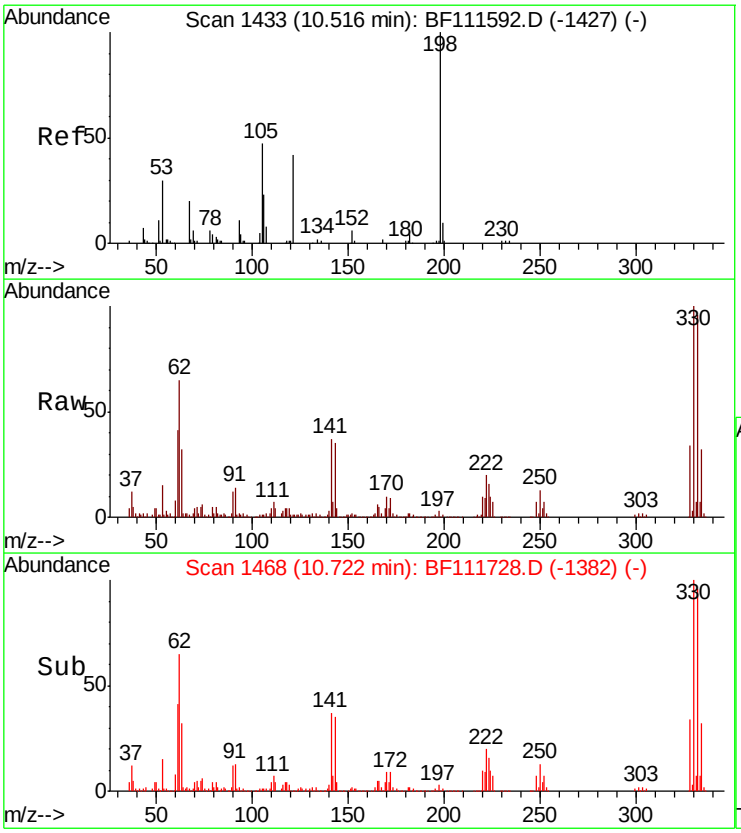
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.42 min Scan# 1587
Delta R.T. 0.01 min
Lab File: BF111728.D
Acq: 26 Dec 2018 21:57

Instrument :
BNA_F
ClientSampleId :
P001-SS008-0612-01

Tgt Ion:188 Resp: 527932

Ion	Ratio	Lower	Upper
188	100		
94	8.6	9.6	14.4#
80	9.5	9.8	14.6#

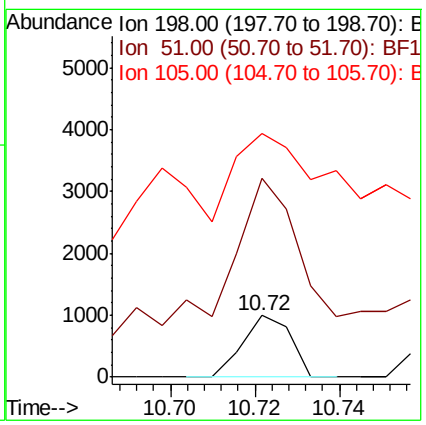


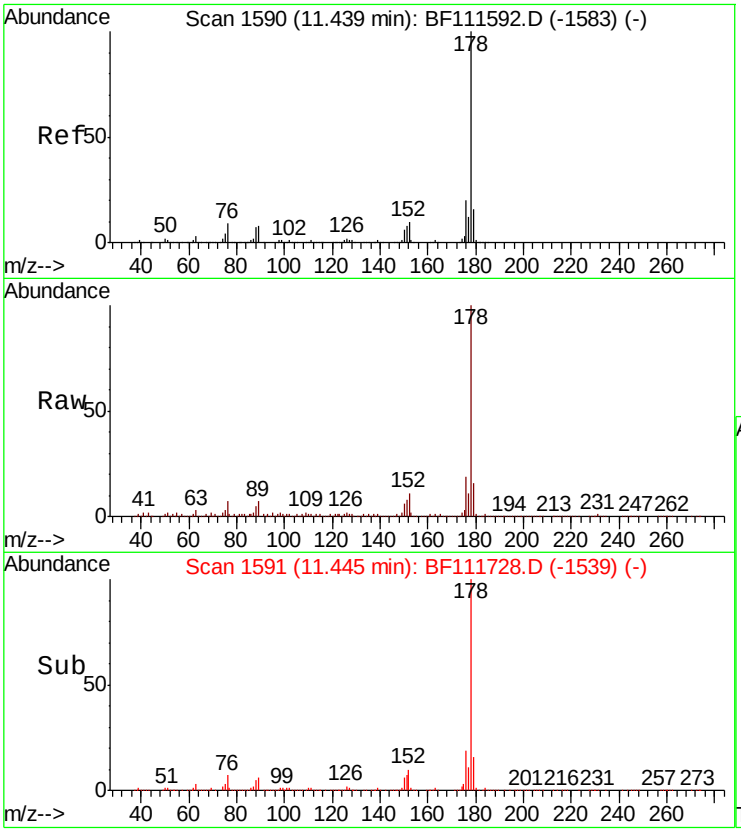


#65
4,6-Dinitro-2-methylphenol
Concen: 7.000 ng
RT: 10.72 min Scan# 1468
Delta R.T. 0.21 min
Lab File: BF111728.D
Acq: 26 Dec 2018 21:57

Tgt Ion:198 Resp: 780

Ion	Ratio	Lower	Upper
198	100		
51	322.5	48.0	88.0#
105	395.7	34.0	74.0#



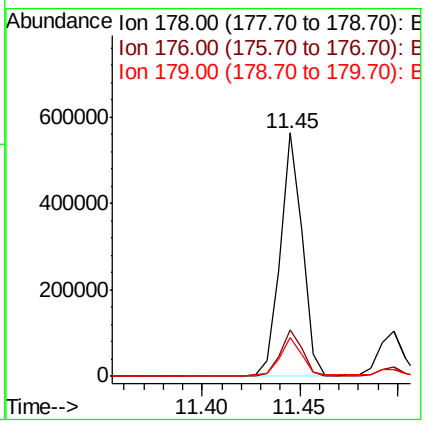


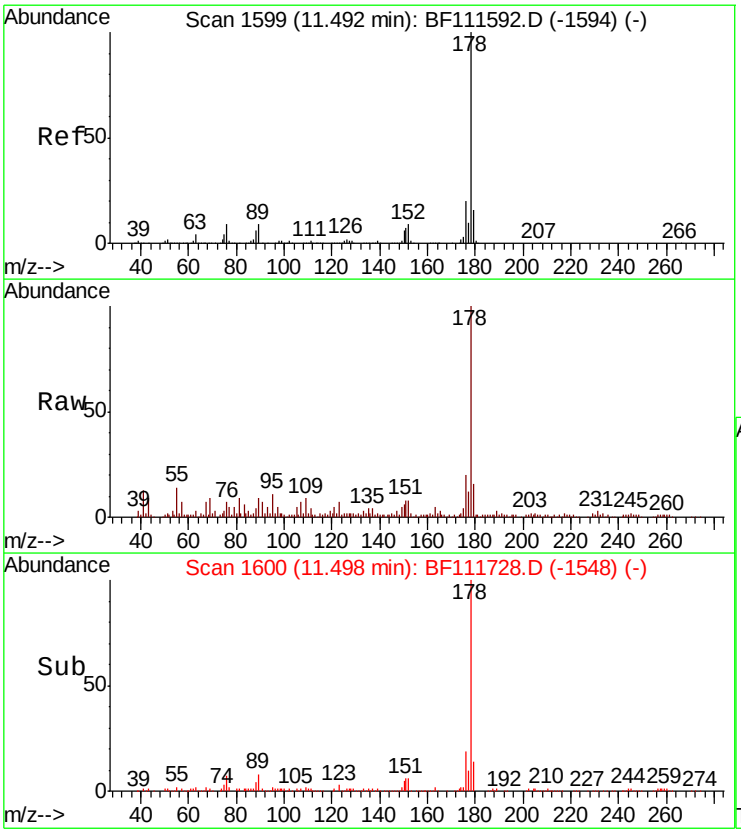
#71
Phenanthrene
Concen: 15.579 ng
RT: 11.45 min Scan# 1591
Delta R.T. 0.01 min
Lab File: BF111728.D
Acq: 26 Dec 2018 21:57

Instrument :
BNA_F
ClientSampleId :
P001-SS008-0612-01

Tgt Ion:178 Resp: 436179

Ion	Ratio	Lower	Upper
178	100		
176	18.9	18.1	27.1
179	16.1	14.0	21.0

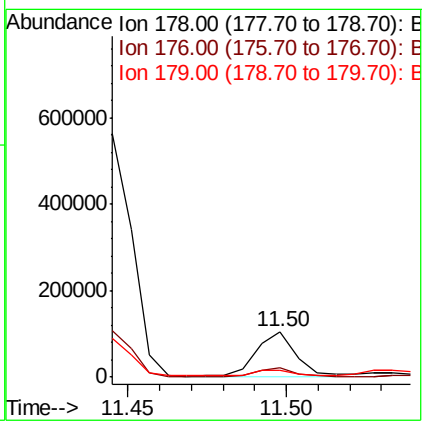


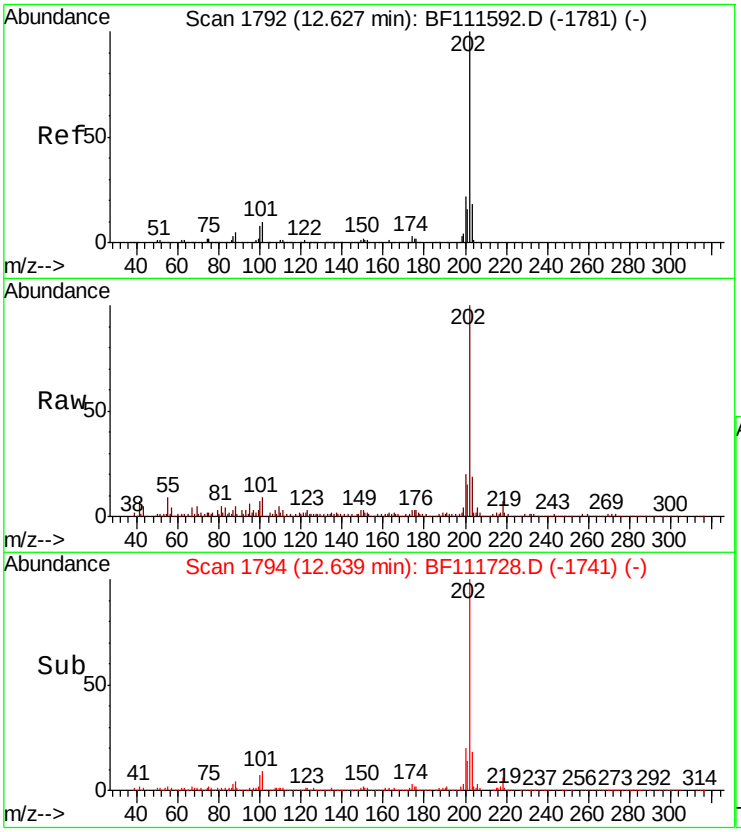


#72
Anthracene
Concen: 3.132 ng
RT: 11.50 min Scan# 1600
Delta R.T. 0.01 min
Lab File: BF111728.D
Acq: 26 Dec 2018 21:57

Tgt Ion:178 Resp: 88015

Ion	Ratio	Lower	Upper
178	100		
176	19.7	17.2	25.8
179	16.0	13.8	20.8



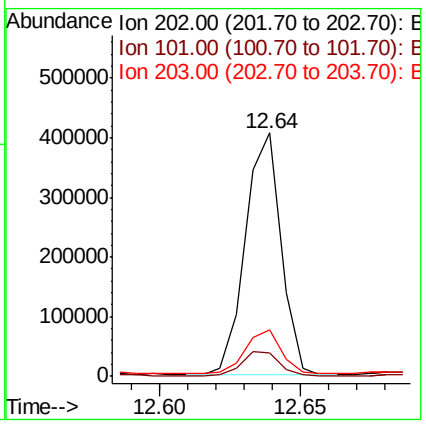


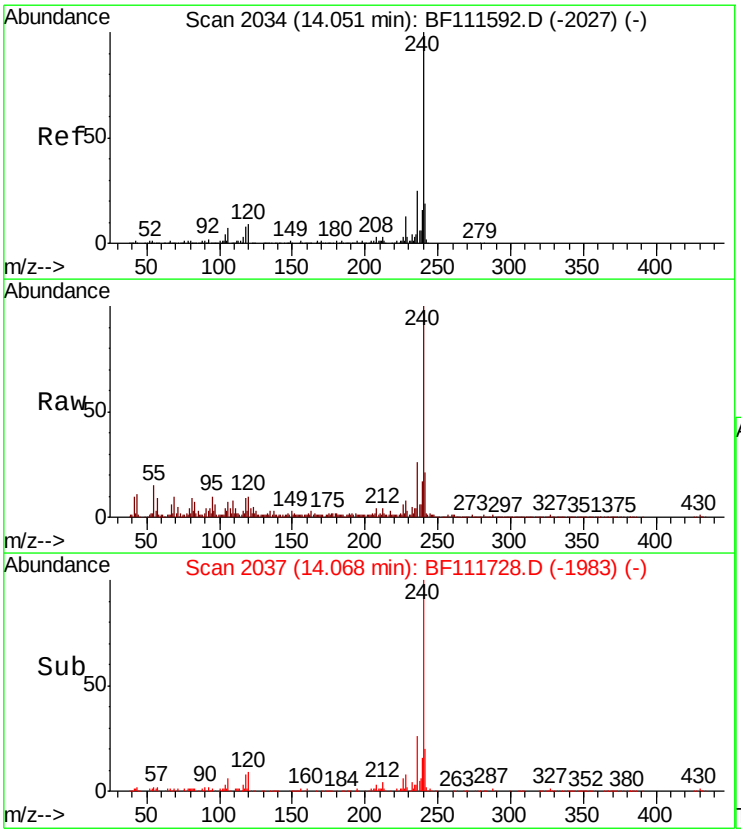
#75
Fluoranthene
Concen: 12.568 ng
RT: 12.64 min Scan# 1794
Delta R.T. 0.01 min
Lab File: BF111728.D
Acq: 26 Dec 2018 21:57

Instrument :
BNA_F
ClientSampleId :
P001-SS008-0612-01

Tgt Ion:202 Resp: 356325

Ion	Ratio	Lower	Upper
202	100		
101	9.4	0.0	33.8
203	18.9	0.0	38.6

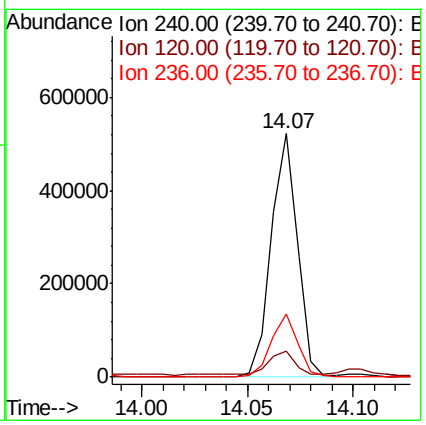


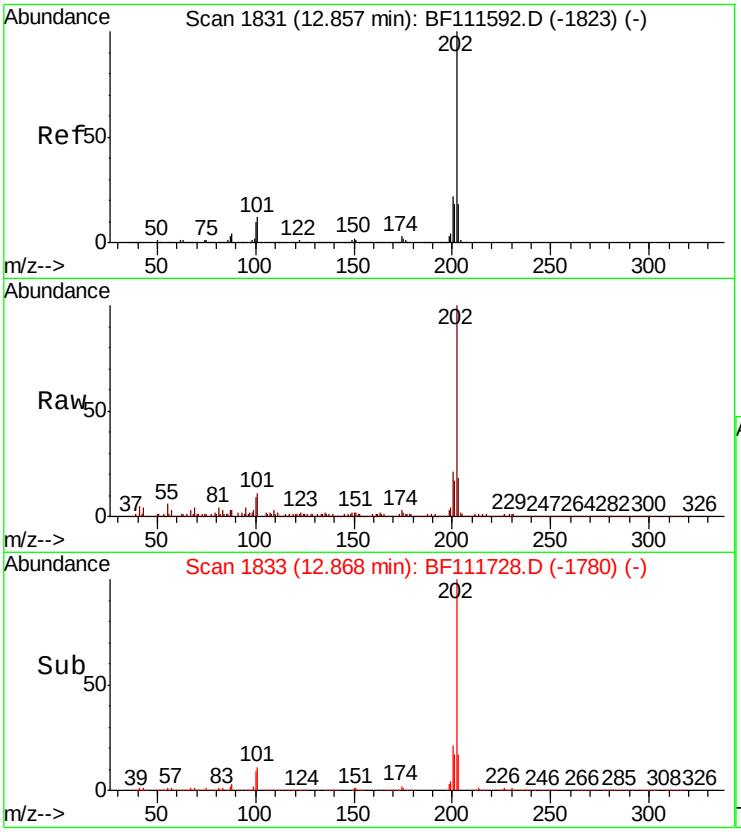


#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.07 min Scan# 2037
Delta R.T. 0.02 min
Lab File: BF111728.D
Acq: 26 Dec 2018 21:57

Tgt Ion:240 Resp: 448251

Ion	Ratio	Lower	Upper
240	100		
120	10.5	12.2	18.2#
236	26.1	20.2	30.2



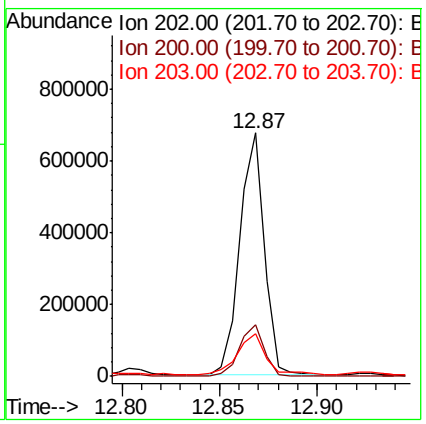


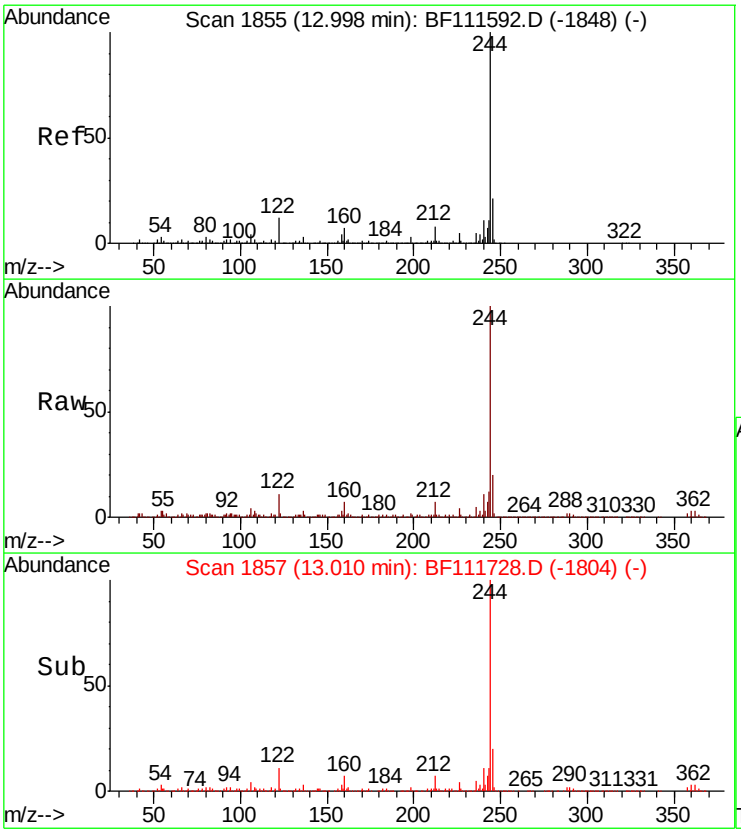
#78
Pyrene
Concen: 18.676 ng
RT: 12.87 min Scan# 1833
Delta R.T. 0.01 min
Lab File: BF111728.D
Acq: 26 Dec 2018 21:57

Instrument :
BNA_F
ClientSampleId :
P001-SS008-0612-01

Tgt Ion:202 Resp: 591185

Ion	Ratio	Lower	Upper
202	100		
200	21.1	19.0	28.4
203	17.6	15.2	22.8

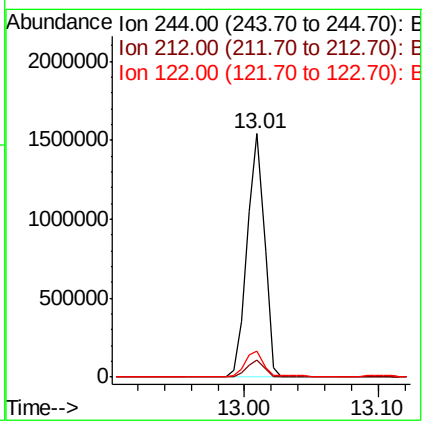


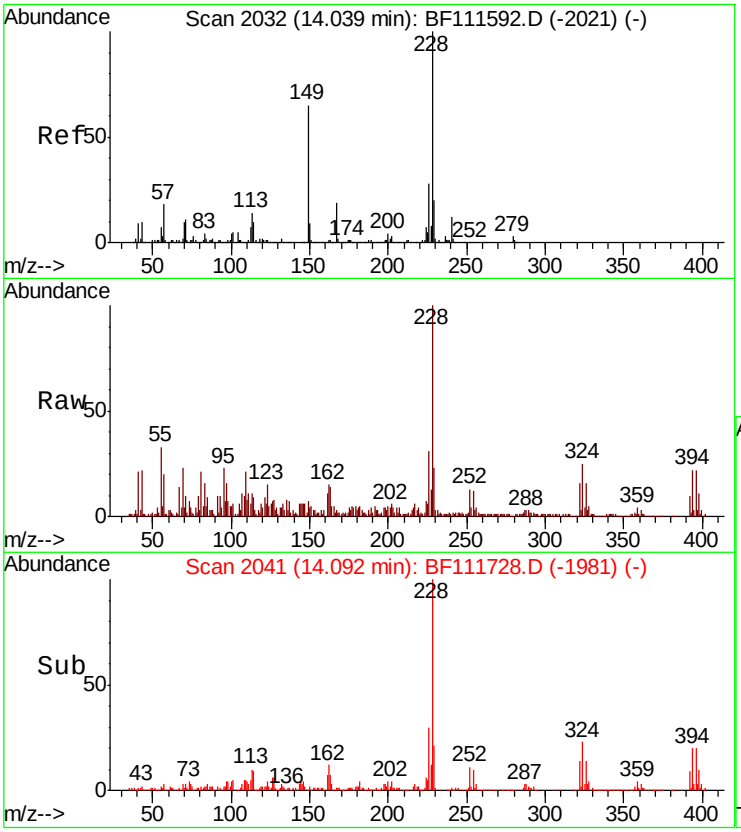


#79
Terphenyl-d14
Concen: 57.520 ng
RT: 13.01 min Scan# 1857
Delta R.T. 0.01 min
Lab File: BF111728.D
Acq: 26 Dec 2018 21:57

Tgt Ion:244 Resp: 1359582

Ion	Ratio	Lower	Upper
244	100		
212	7.1	5.7	8.5
122	10.8	13.1	19.7#



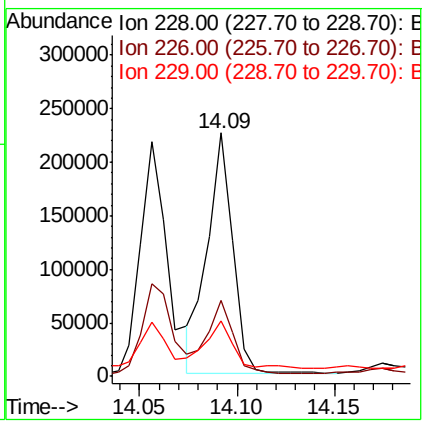


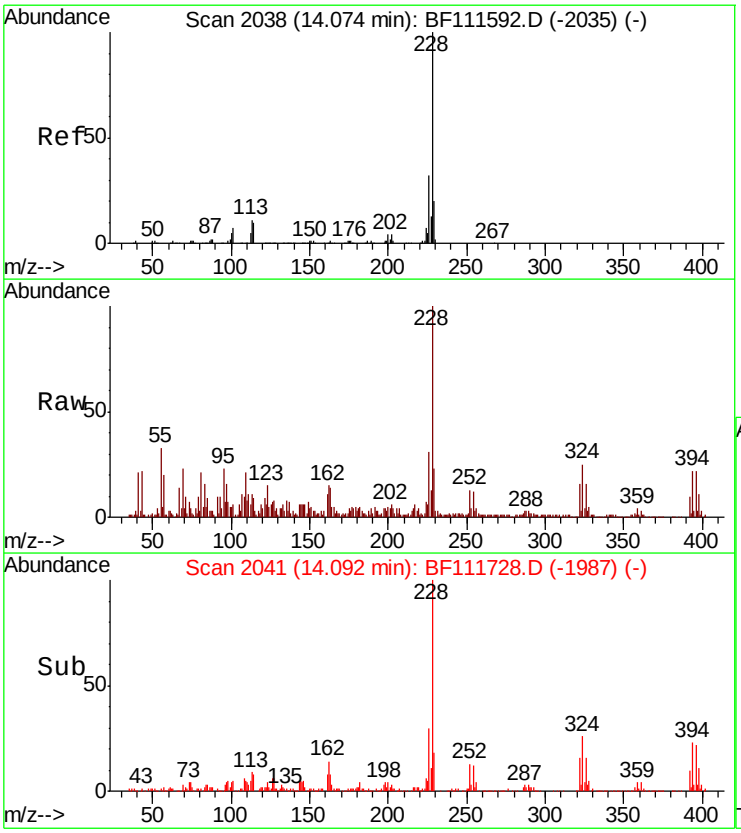
#81
Benzo(a)anthracene
Concen: 7.924 ng
RT: 14.09 min Scan# 2041
Delta R.T. 0.05 min
Lab File: BF111728.D
Acq: 26 Dec 2018 21:57

Instrument :
BNA_F
ClientSampleId :
P001-SS008-0612-01

Tgt Ion:228 Resp: 202715

Ion	Ratio	Lower	Upper
228	100		
226	31.1	22.6	34.0
229	22.9	16.3	24.5

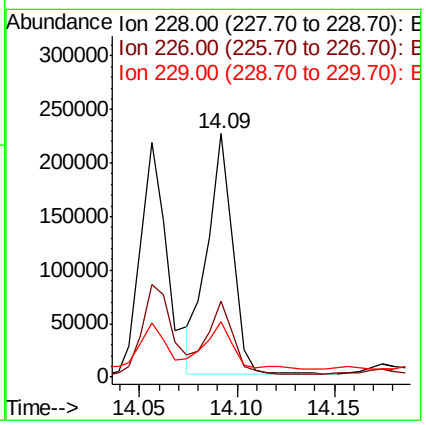


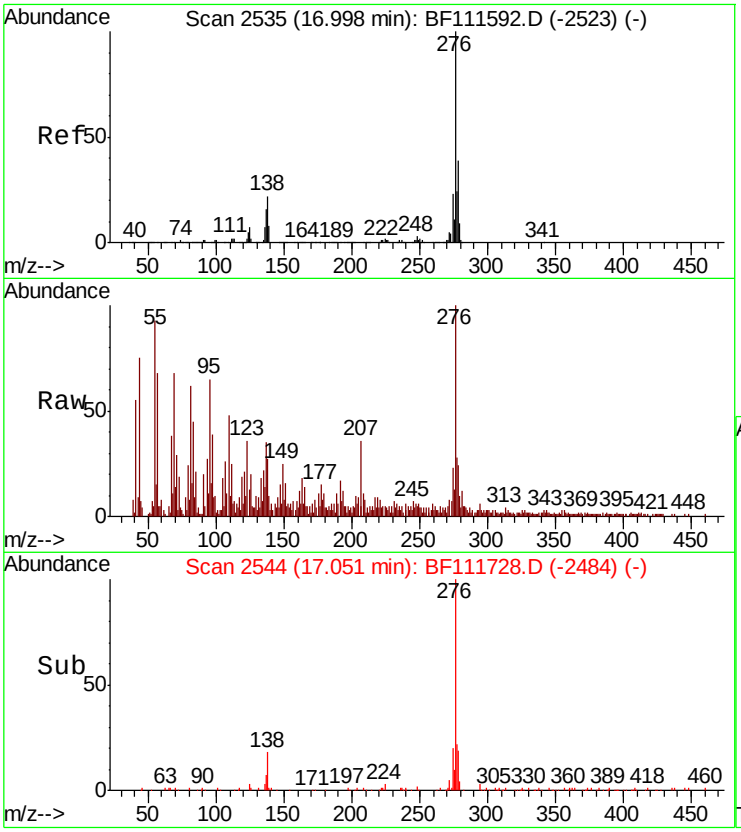


#83
Chrysene
Concen: 8.063 ng
RT: 14.09 min Scan# 2041
Delta R.T. 0.02 min
Lab File: BF111728.D
Acq: 26 Dec 2018 21:57

Tgt Ion:228 Resp: 202715

Ion	Ratio	Lower	Upper
228	100		
226	31.1	25.3	37.9
229	22.9	17.2	25.8



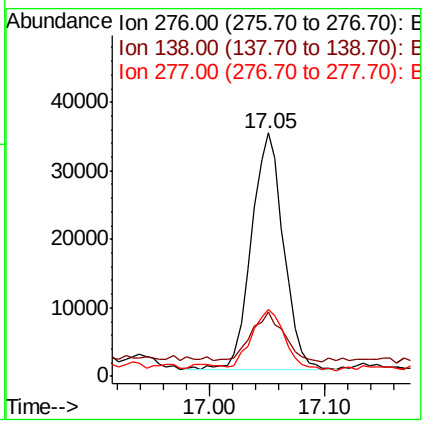


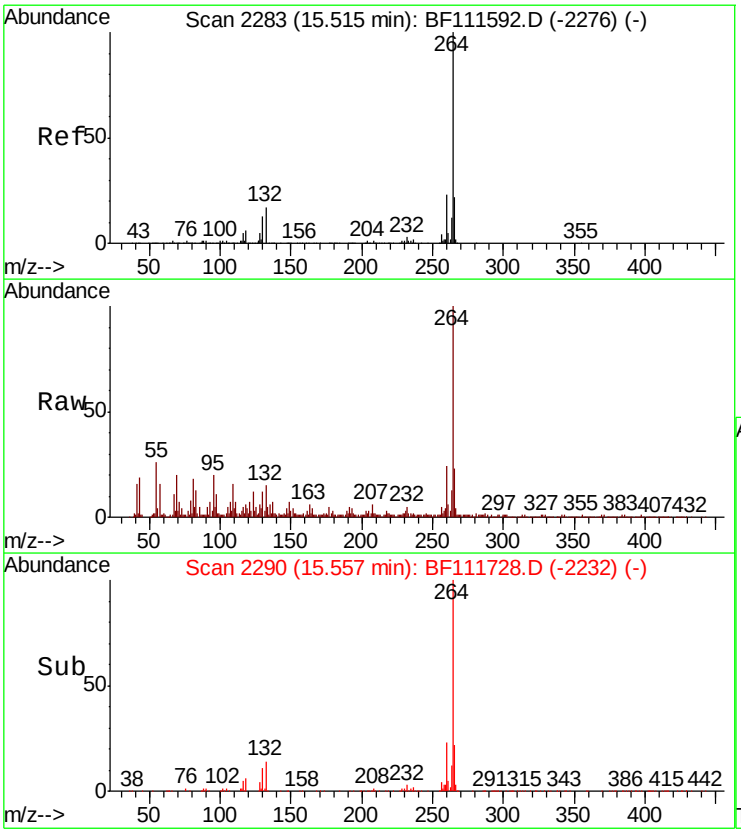
#86
Indeno(1,2,3-cd)pyrene
Concen: 3.120 ng
RT: 17.05 min Scan# 2544
Delta R.T. 0.05 min
Lab File: BF111728.D
Acq: 26 Dec 2018 21:57

Instrument :
BNA_F
ClientSampleId :
P001-SS008-0612-01

Tgt Ion:276 Resp: 66685

Ion	Ratio	Lower	Upper
276	100		
138	21.0	27.8	41.6#
277	28.5	20.1	30.1

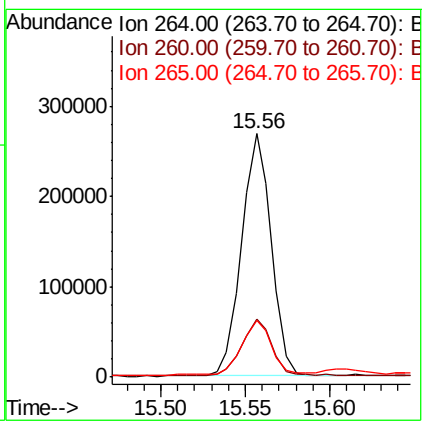


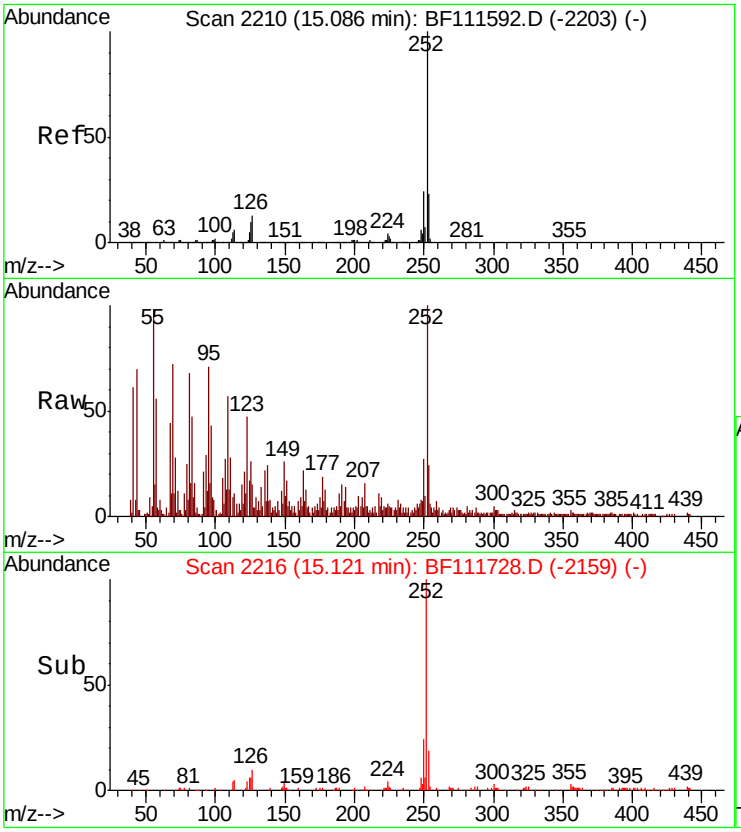


#87
Perylene-d12
Concen: 20.000 ng
RT: 15.56 min Scan# 2290
Delta R.T. 0.04 min
Lab File: BF111728.D
Acq: 26 Dec 2018 21:57

Tgt Ion:264 Resp: 327573

Ion	Ratio	Lower	Upper
264	100		
260	23.6	18.3	27.5
265	23.2	17.7	26.5



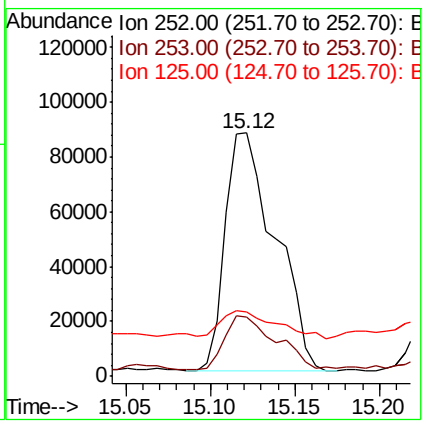


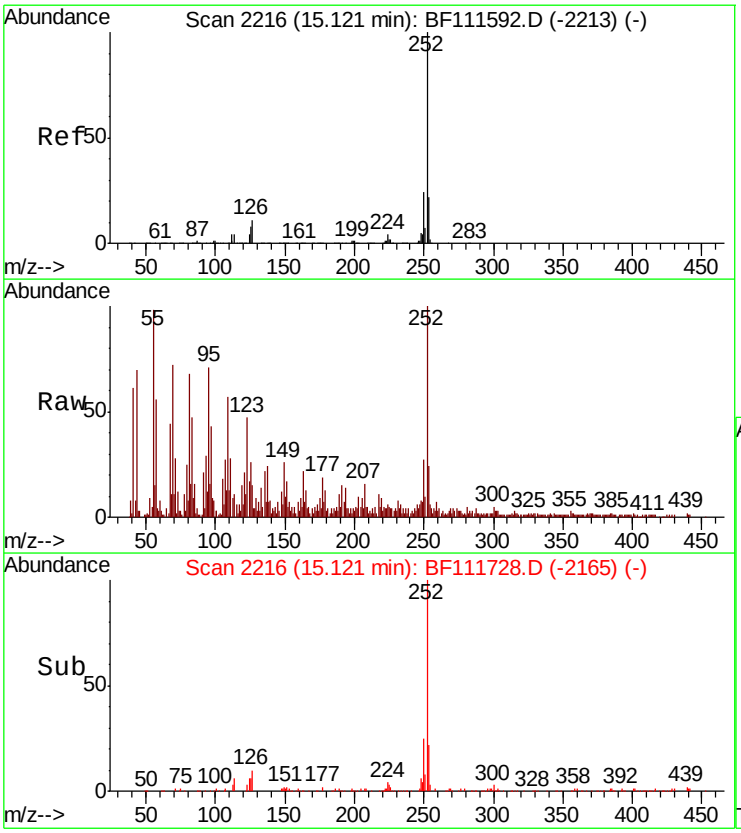
#88
Benzo(b)fluoranthene
Concen: 9.375 ng
RT: 15.12 min Scan# 2216
Delta R.T. 0.04 min
Lab File: BF111728.D
Acq: 26 Dec 2018 21:57

Instrument :
BNA_F
ClientSampleId :
P001-SS008-0612-01

Tgt Ion:252 Resp: 179482

Ion	Ratio	Lower	Upper
252	100		
253	24.2	18.2	27.2
125	26.2	10.4	15.6#

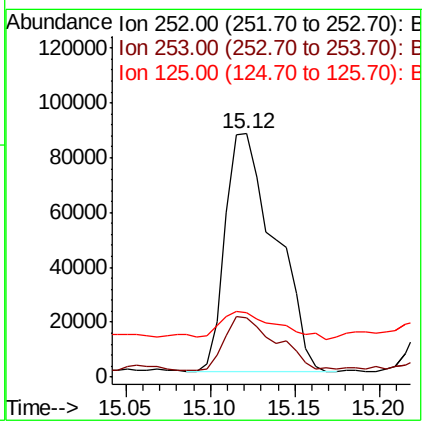


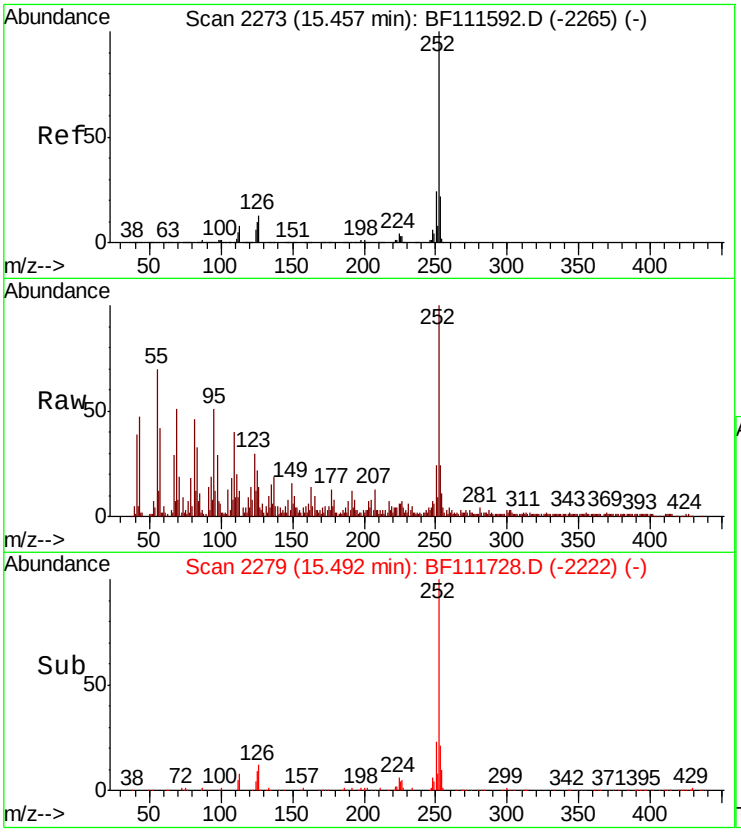


#89
Benzo(k)fluoranthene
Concen: 9.847 ng
RT: 15.12 min Scan# 2216
Delta R.T. -0.00 min
Lab File: BF111728.D
Acq: 26 Dec 2018 21:57

Tgt Ion:252 Resp: 179482

Ion	Ratio	Lower	Upper
252	100		
253	24.2	18.1	27.1
125	26.2	9.8	14.8#



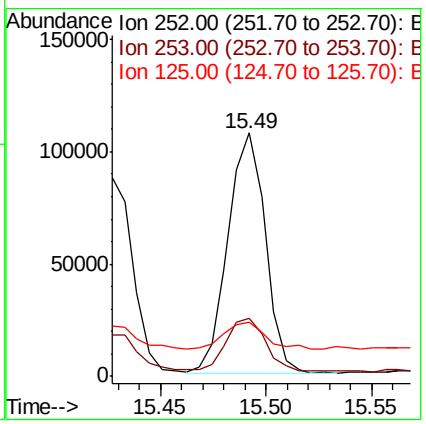


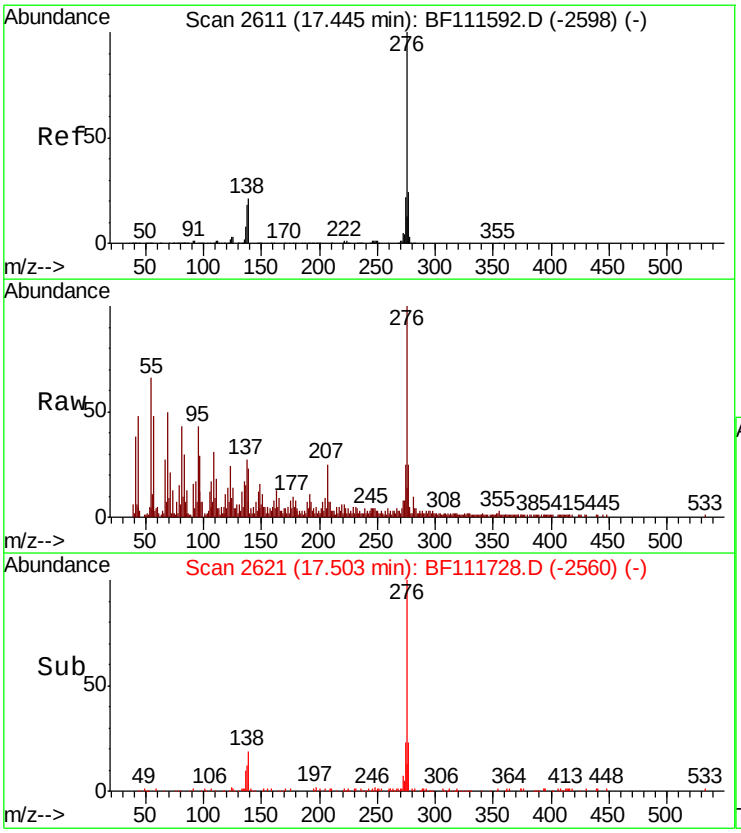
#90
Benzo(a)pyrene
Concen: 7.526 ng
RT: 15.49 min Scan# 2279
Delta R.T. 0.04 min
Lab File: BF111728.D
Acq: 26 Dec 2018 21:57

Instrument :
BNA_F
ClientSampleId :
P001-SS008-0612-01

Tgt Ion:252 Resp: 130907

Ion	Ratio	Lower	Upper
252	100		
253	23.8	17.8	26.8
125	22.1	12.3	18.5#





#92
Benzo(g,h,i)perylene
Concen: 6.355 ng
RT: 17.50 min Scan# 2621
Delta R.T. 0.06 min
Lab File: BF111728.D
Acq: 26 Dec 2018 21:57

Tgt Ion:276 Resp: 94507

Ion	Ratio	Lower	Upper
276	100		
277	25.4	19.2	28.8
138	23.3	24.9	37.3#