Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF122618\
Data File : BF111738.D
Acq On : 27 Dec 2018 2:29
Operator : JU/SJ
Sample : J6547-02 2X
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : COMP-1A

Quant Time: Dec 27 04:15:07 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	143707	20.00	ng		0.00
21) Naphthalene-d8	8.19	136	489745	20.00	ng		0.00
39) Acenaphthene-d10	9.94	164	214516	20.00	ng		0.00
64) Phenanthrene-d10	11.43	188	422512	20.00	ng		0.01
76) Chrysene-d12	14.07	240	324060	20.00	ng		0.02
87) Perylene-d12	15.56	264	245620	20.00	ng		0.04
System Monitoring Compounds							
5) 2-Fluorophenol	5.54	112	427295	50.68	ng		0.02
7) Phenol-d6	6.54	99	508062	47.35	ng		0.02
23) Nitrobenzene-d5	7.46	82	301636	35.85	ng		0.00
42) 2,4,6-Tribromophenol	10.73	330	130189	51.36	ng		0.00
45) 2-Fluorobiphenyl	9.26	172	530058	36.02	ng		0.00
79) Terphenyl-d14	13.01	244	573109	33.54	ng		0.01
Target Compounds							Qvalue
10) Phenol	6.55	94	27044	2.234	ng		91
19) n-Nitroso-di-n-propylamine	7.46	70	40909	5.741	ng	#	78
25) Isophorone	7.46	82	301631	20.194	ng	#	64
50) Dimethylphthalate	9.65	163	68129	4.343	ng		97
51) 2,6-Dinitrotoluene	9.94	165	28965	9.260	ng	#	30
57) 2,4-Dinitrotoluene	9.94	165	28965	7.705	ng	#	25
65) 4,6-Dinitro-2-methylphenol	10.73	198	328	6.854	ng	#	1
71) Phenanthrene	11.45	178	126650	5.652	ng		93
75) Fluoranthene	12.64	202	214359	9.447	ng		94
78) Pyrene	12.87	202	194430	8.496	ng		97
81) Benzo(a)anthracene	14.06	228	80140	4.333	ng		97
83) Chrysene	14.09	228	66103	3.637	ng		96
88) Benzo(b)fluoranthene	15.12	252	99138	6.906	ng	#	81
89) Benzo(k)fluoranthene	15.12	252	99138	7.254	ng	#	81
90) Benzo(a)pyrene	15.49	252	52255	4.007	ng	#	87
92) Benzo(g,h,i)perylene	17.51	276	30706	2.754	ng		97

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

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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Dec 19 17:39:39 2018
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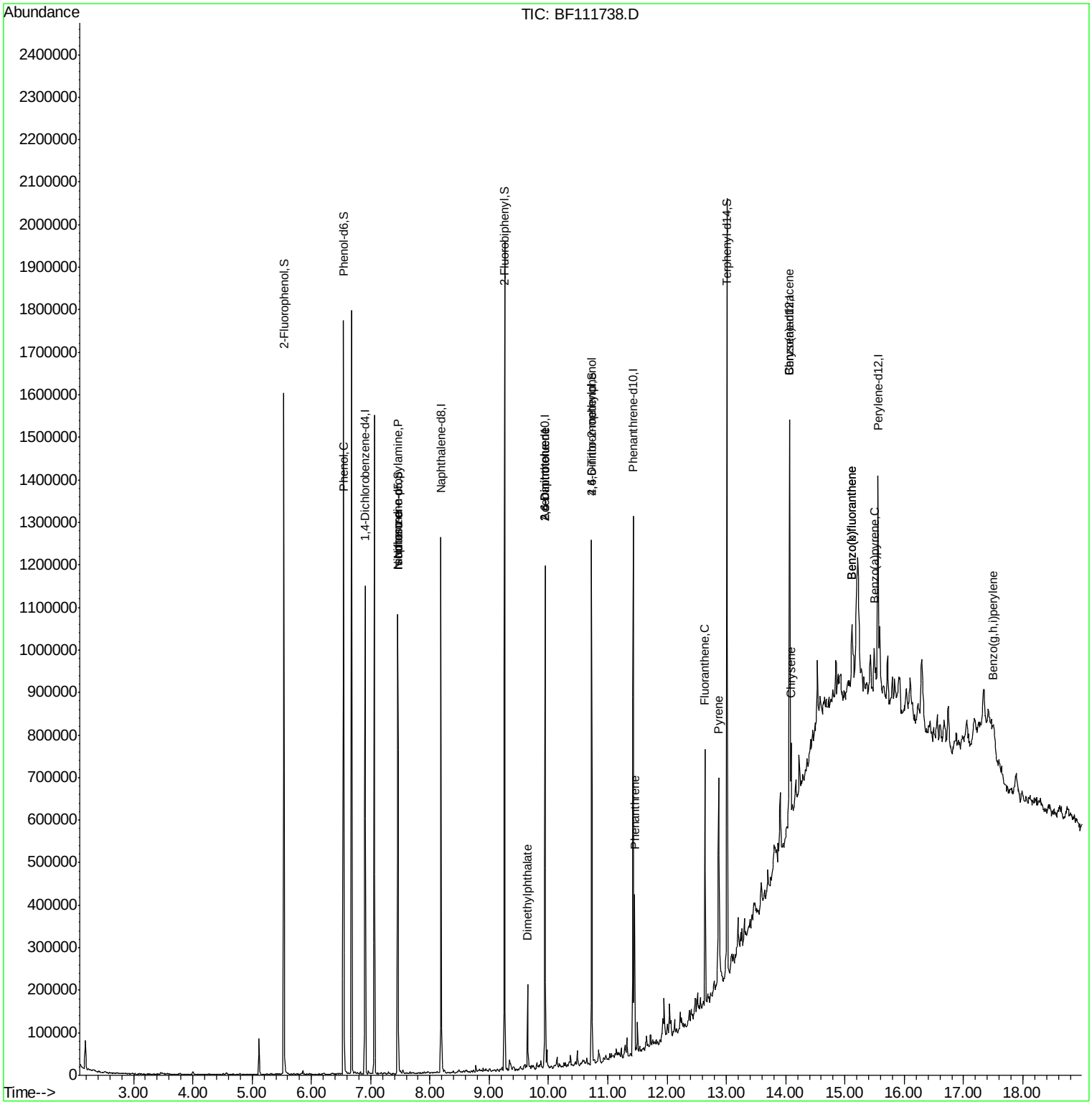
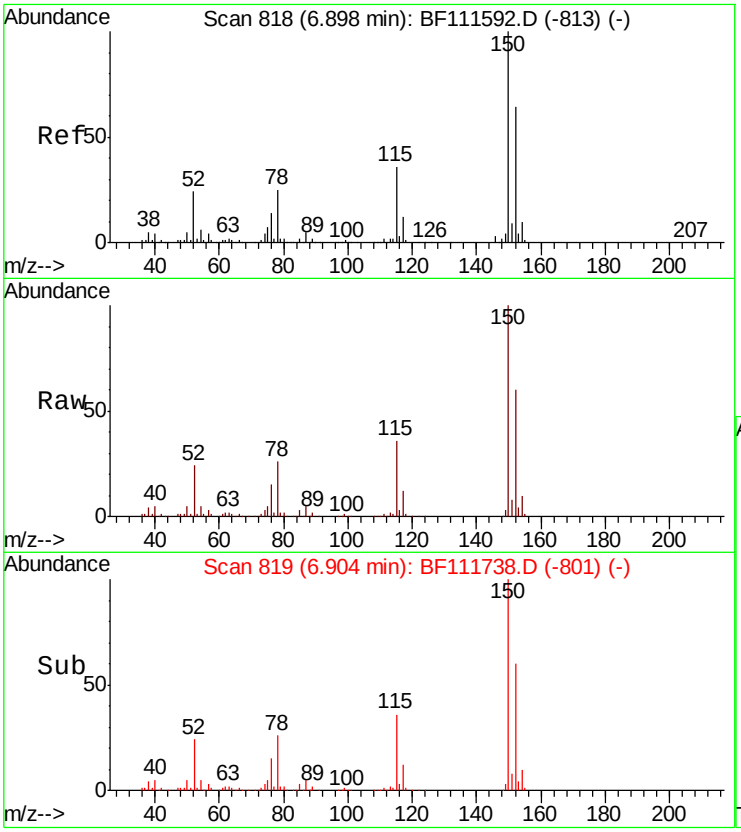


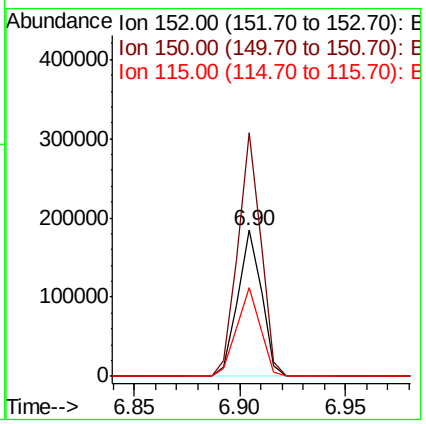


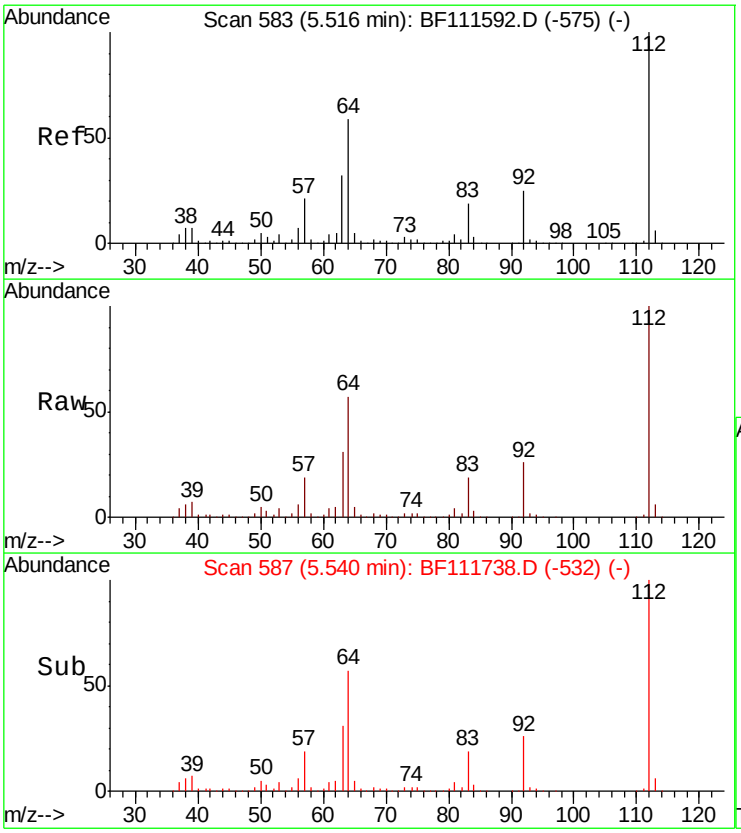
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.90 min Scan# 819
Delta R.T. 0.01 min
Lab File: BF111738.D
Acq: 27 Dec 2018 2:29

Instrument :
BNA_F
ClientSampleId :
COMP-1A

Tgt Ion:152 Resp: 143707

Ion	Ratio	Lower	Upper
152	100		
150	166.4	126.6	189.8
115	60.5	50.7	76.1

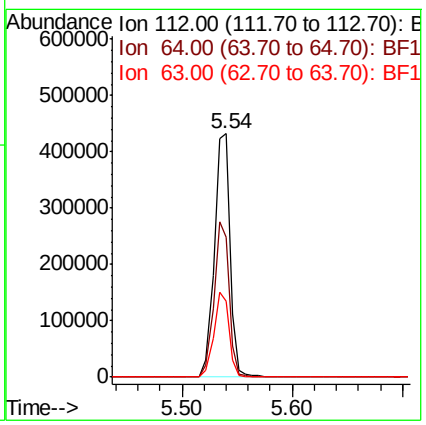


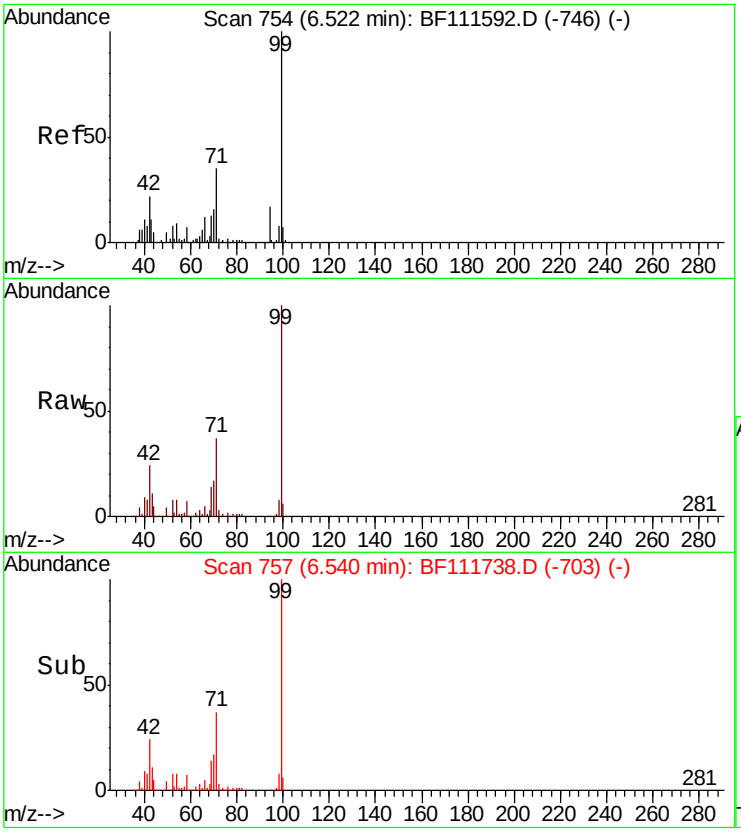


#5
2-Fluorophenol
Concen: 50.682 ng
RT: 5.54 min Scan# 587
Delta R.T. 0.02 min
Lab File: BF111738.D
Acq: 27 Dec 2018 2:29

Tgt Ion:112 Resp: 427295

Ion	Ratio	Lower	Upper
112	100		
64	57.4	51.8	77.6
63	31.3	26.8	40.2



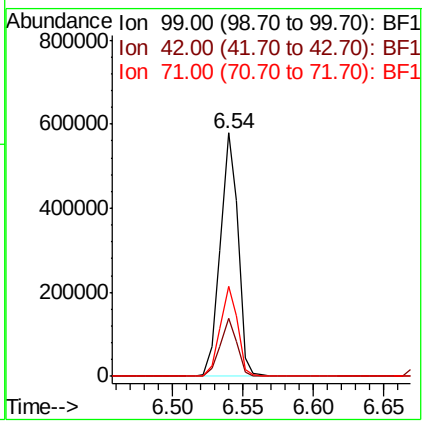


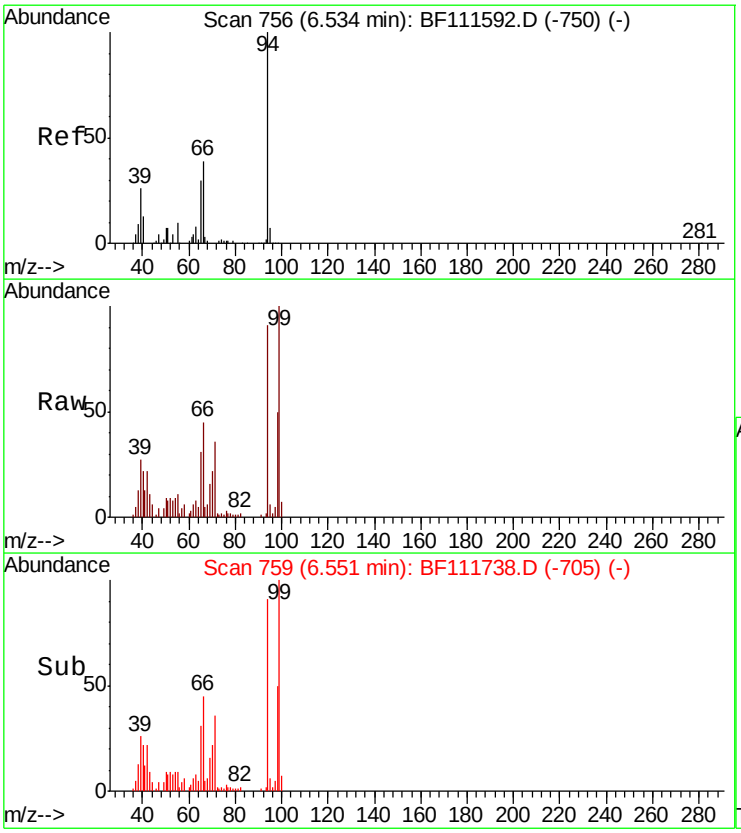
#7
Phenol-d6
Concen: 47.352 ng
RT: 6.54 min Scan# 757
Delta R.T. 0.02 min
Lab File: BF111738.D
Acq: 27 Dec 2018 2:29

Instrument :
BNA_F
ClientSampleId :
COMP-1A

Tgt Ion: 99 Resp: 508062

Ion	Ratio	Lower	Upper
99	100		
42	23.6	17.4	26.0
71	36.9	26.1	39.1

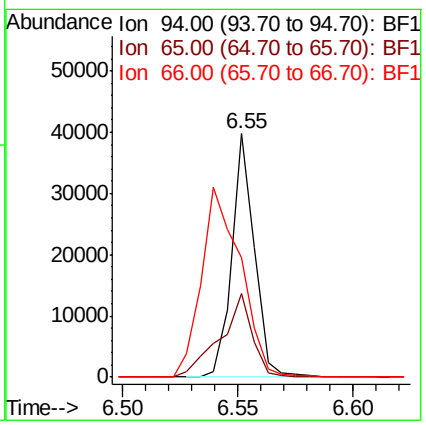


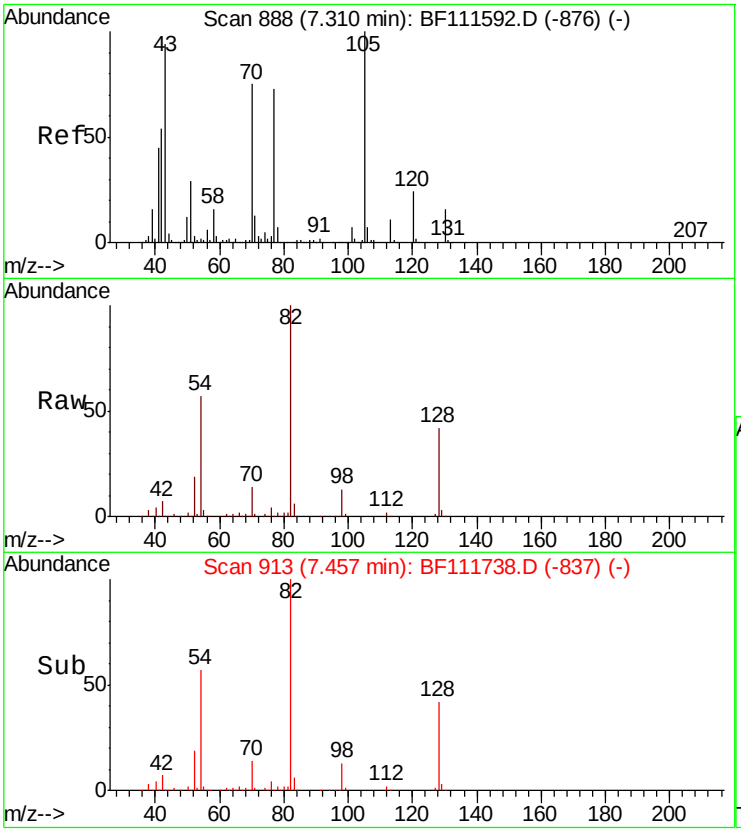


#10
Phenol
Concen: 2.234 ng
RT: 6.55 min Scan# 759
Delta R.T. 0.02 min
Lab File: BF111738.D
Acq: 27 Dec 2018 2:29

Tgt Ion: 94 Resp: 27044

Ion	Ratio	Lower	Upper
94	100		
65	34.3	11.7	51.7
66	49.0	21.0	61.0



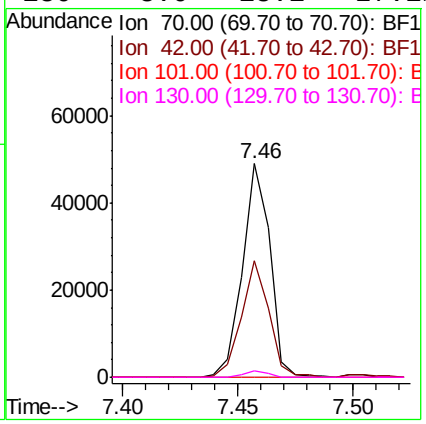


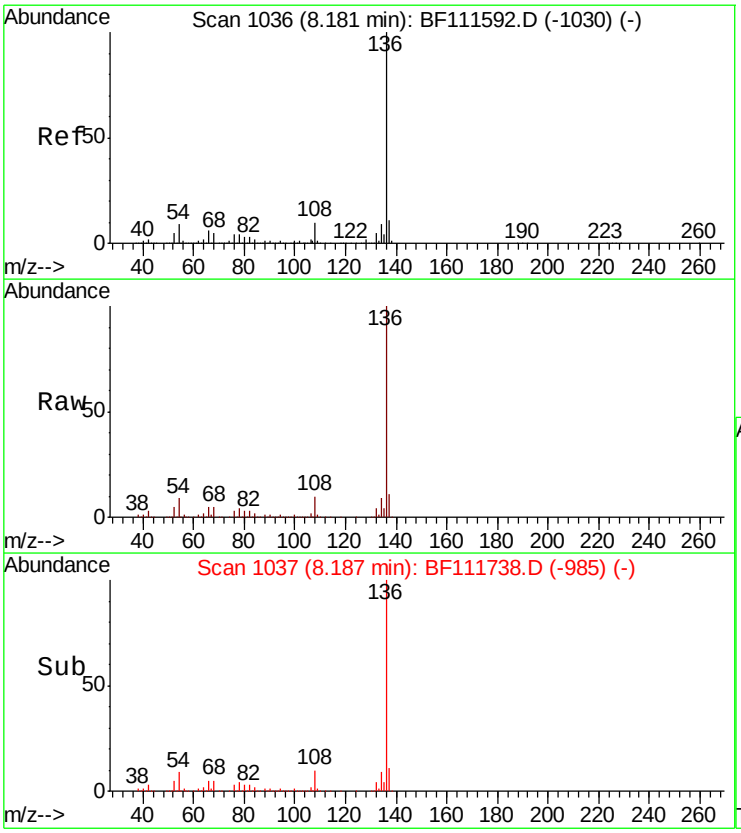
#19
n-Nitroso-di-n-propylamine
Concen: 5.741 ng
RT: 7.46 min Scan# 913
Delta R.T. 0.15 min
Lab File: BF111738.D
Acq: 27 Dec 2018 2:29

Instrument :
BNA_F
ClientSampleId :
COMP-1A

Tgt Ion: 70 Resp: 40909

Ion	Ratio	Lower	Upper
70	100		
42	54.8	53.2	79.8
101	0.0	8.2	12.4#
130	3.0	18.1	27.1#

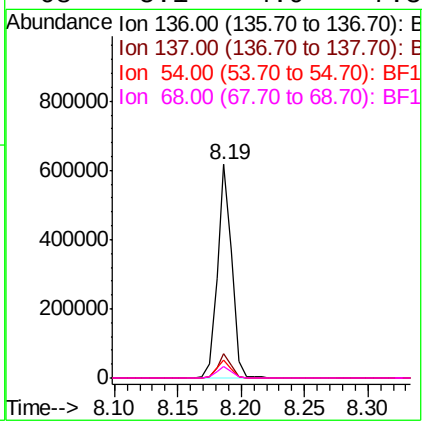


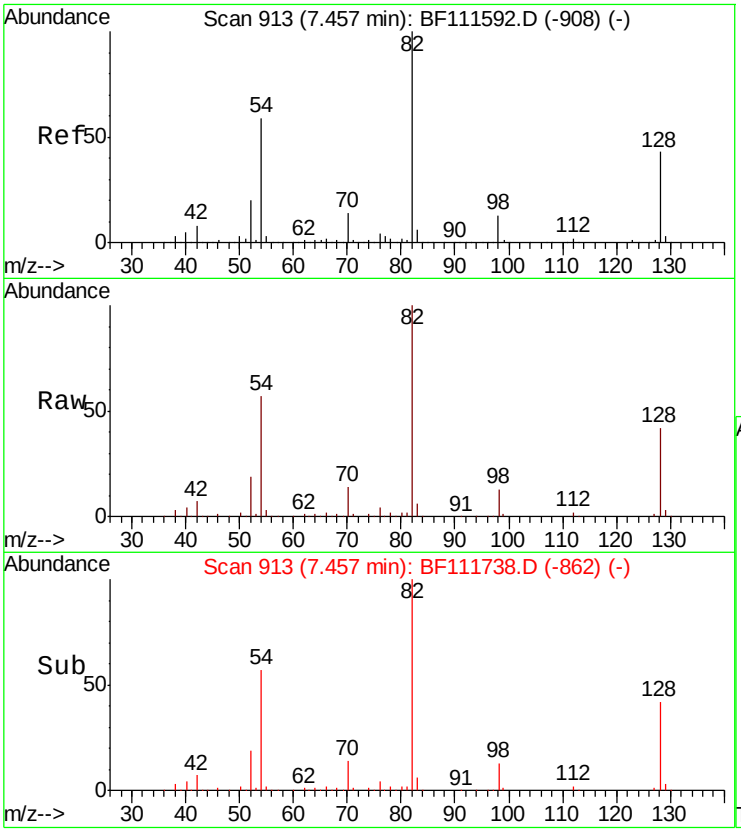


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.19 min Scan# 1037
Delta R.T. 0.01 min
Lab File: BF111738.D
Acq: 27 Dec 2018 2:29

Tgt Ion:136 Resp: 489745

Ion	Ratio	Lower	Upper
136	100		
137	11.3	9.1	13.7
54	8.7	7.7	11.5
68	5.1	4.9	7.3



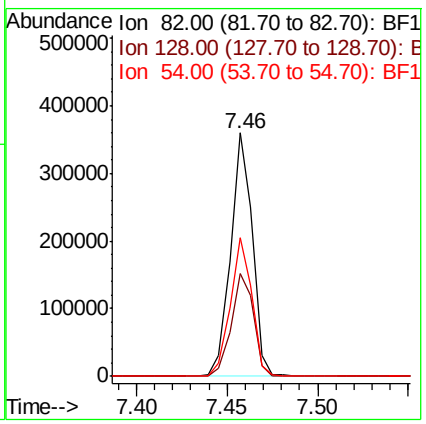


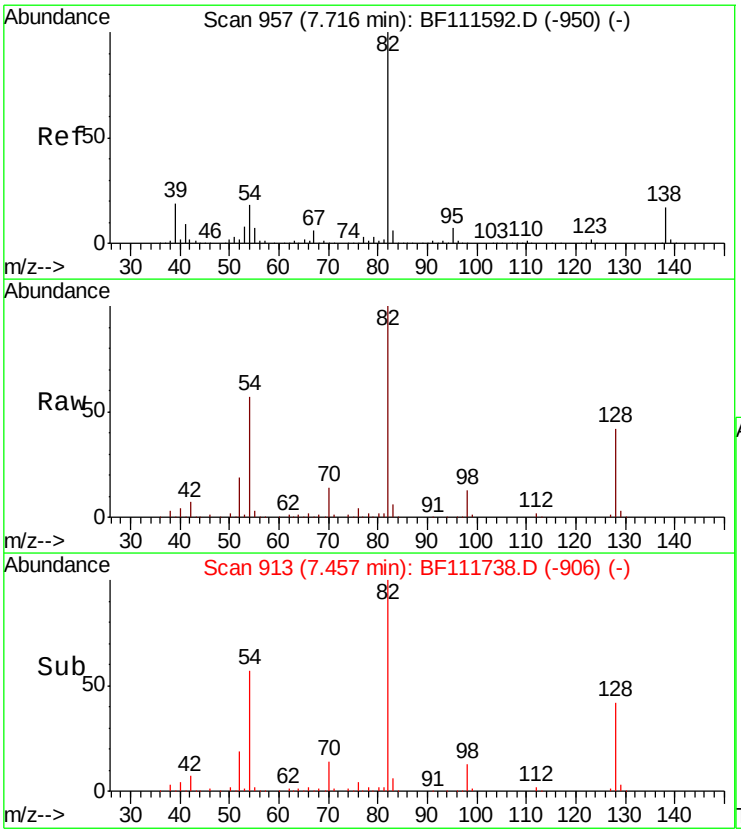
#23
Nitrobenzene-d5
Concen: 35.850 ng
RT: 7.46 min Scan# 913
Delta R.T. -0.00 min
Lab File: BF111738.D
Acq: 27 Dec 2018 2:29

Instrument :
BNA_F
ClientSampleId :
COMP-1A

Tgt Ion: 82 Resp: 301636

Ion	Ratio	Lower	Upper
82	100		
128	42.5	37.4	56.2
54	56.9	47.6	71.4

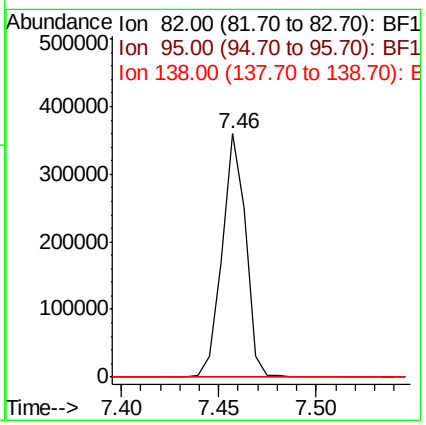


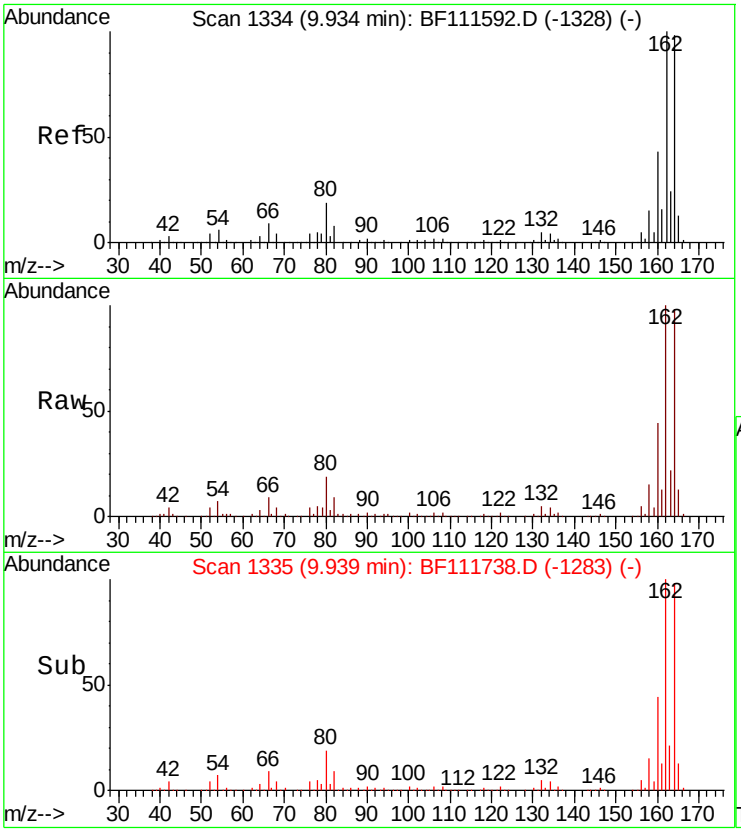


#25
Isophorone
Concen: 20.194 ng
RT: 7.46 min Scan# 913
Delta R.T. -0.26 min
Lab File: BF111738.D
Acq: 27 Dec 2018 2:29

Tgt Ion: 82 Resp: 301631

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



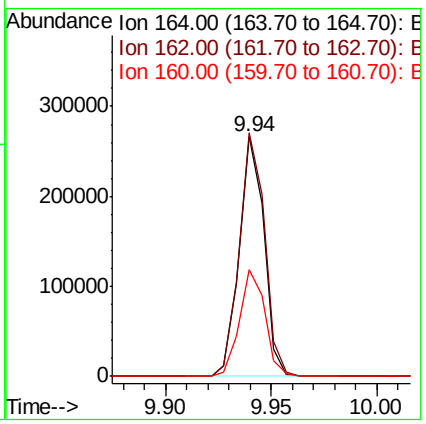


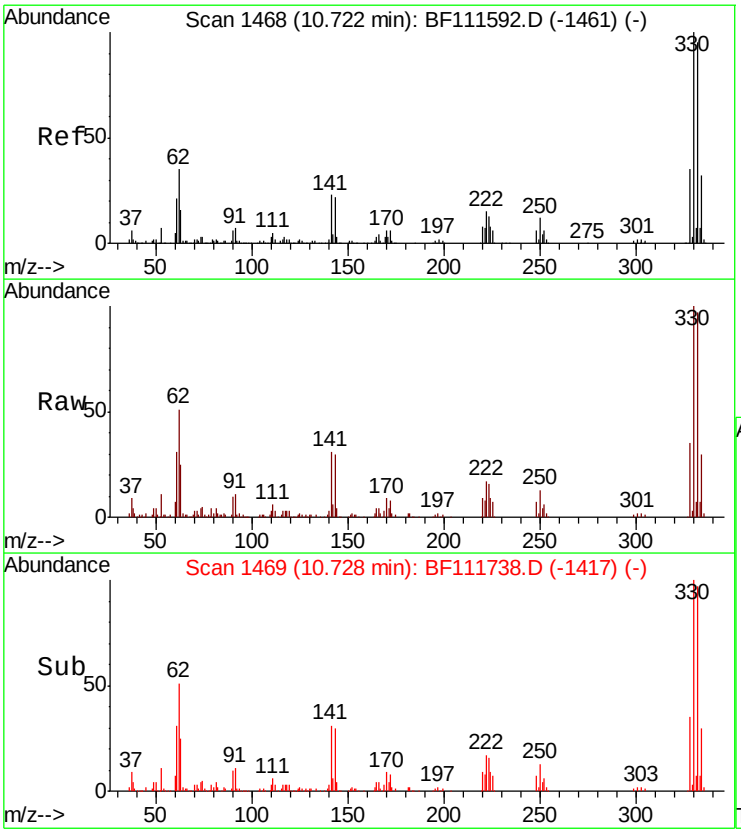
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.94 min Scan# 1335
Delta R.T. 0.01 min
Lab File: BF111738.D
Acq: 27 Dec 2018 2:29

Instrument :
BNA_F
ClientSampleId :
COMP-1A

Tgt Ion:164 Resp: 214516

Ion	Ratio	Lower	Upper
164	100		
162	101.6	81.4	122.0
160	44.5	35.7	53.5

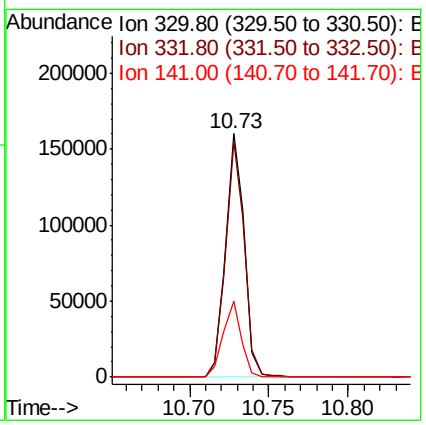


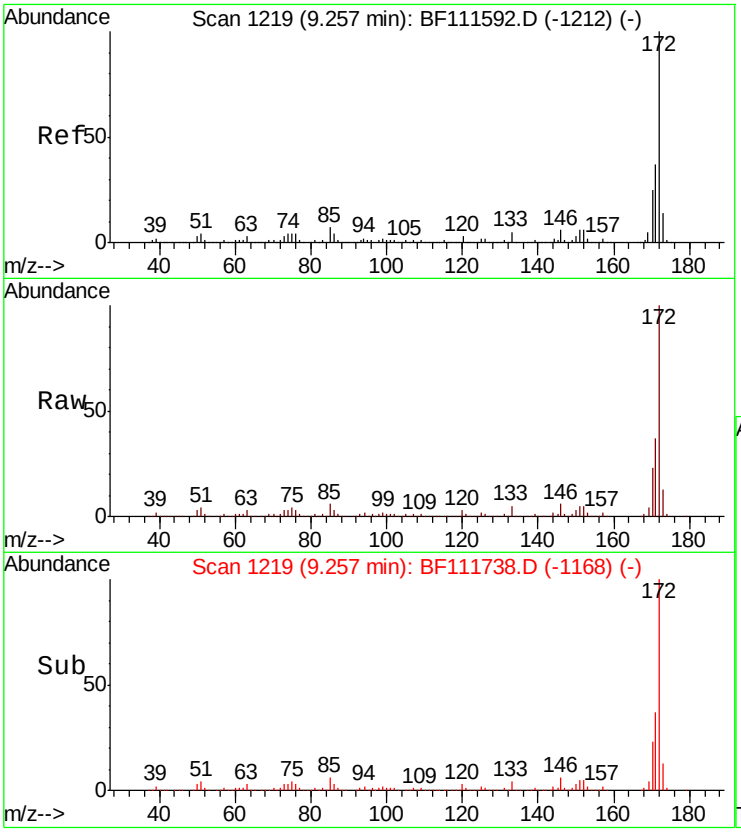


#42
2,4,6-Tribromophenol
Concen: 51.363 ng
RT: 10.73 min Scan# 1469
Delta R.T. 0.01 min
Lab File: BF111738.D
Acq: 27 Dec 2018 2:29

Tgt Ion:330 Resp: 130189

Ion	Ratio	Lower	Upper
330	100		
332	96.9	76.0	114.0
141	30.8	31.0	46.6#



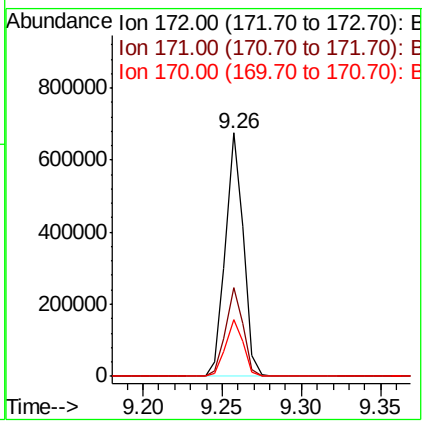


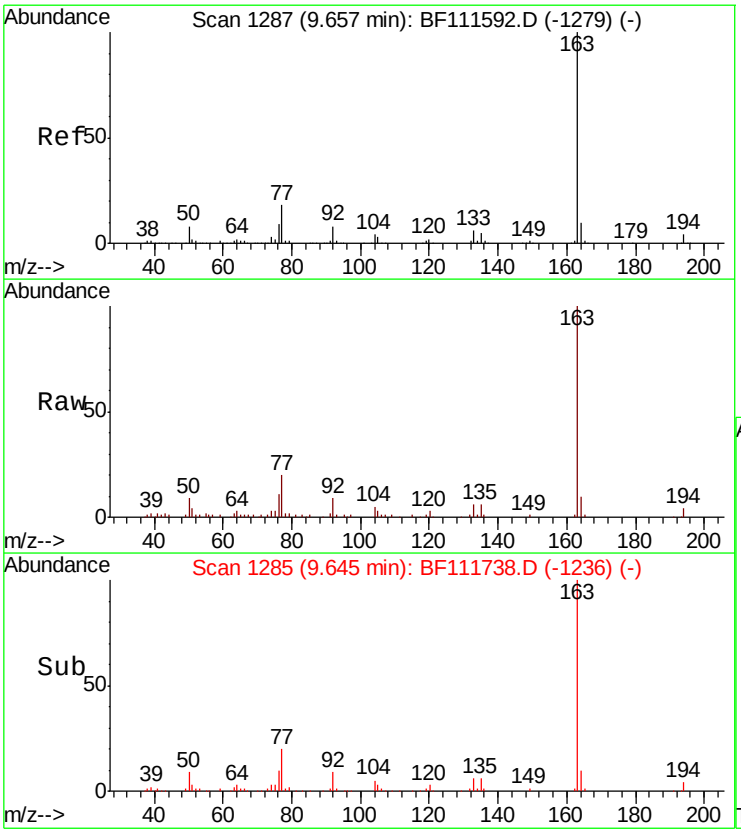
#45
2-Fluorobiphenyl
Concen: 36.016 ng
RT: 9.26 min Scan# 1219
Delta R.T. -0.00 min
Lab File: BF111738.D
Acq: 27 Dec 2018 2:29

Instrument :
BNA_F
ClientSampleId :
COMP-1A

Tgt Ion:172 Resp: 530058

Ion	Ratio	Lower	Upper
172	100		
171	36.6	33.0	49.4
170	23.1	22.3	33.5

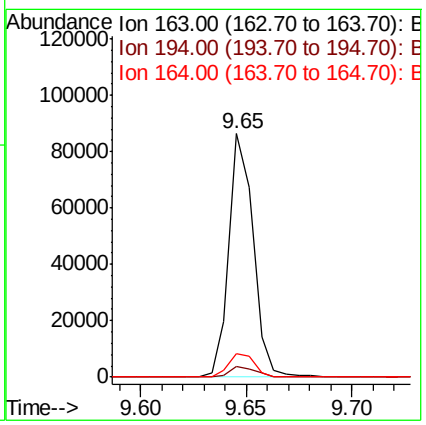


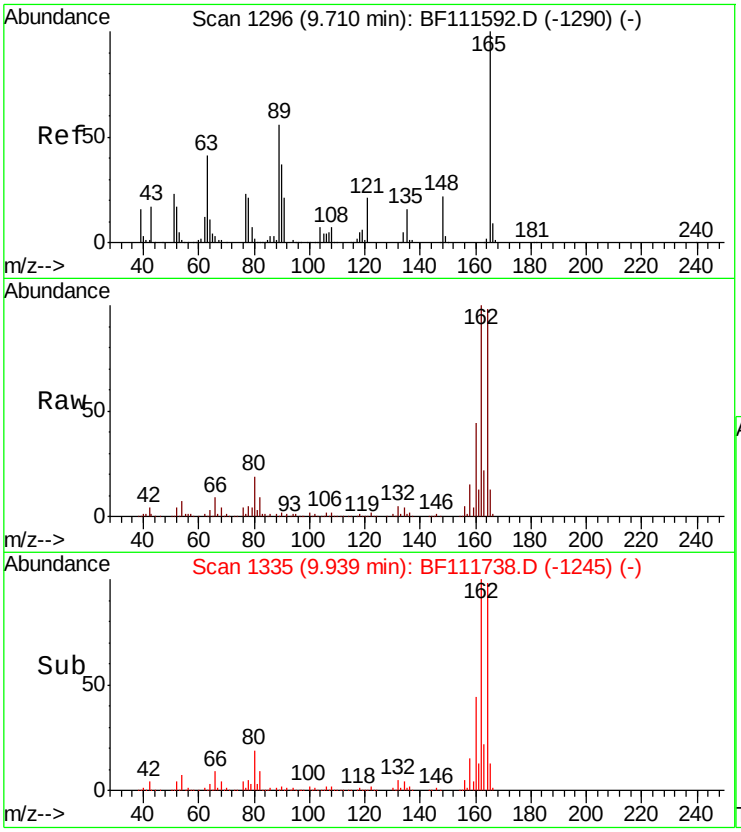


#50
Dimethylphthalate
Concen: 4.343 ng
RT: 9.65 min Scan# 1285
Delta R.T. -0.01 min
Lab File: BF111738.D
Acq: 27 Dec 2018 2:29

Tgt Ion:163 Resp: 68129

Ion	Ratio	Lower	Upper
163	100		
194	4.1	3.0	4.6
164	9.6	8.9	13.3



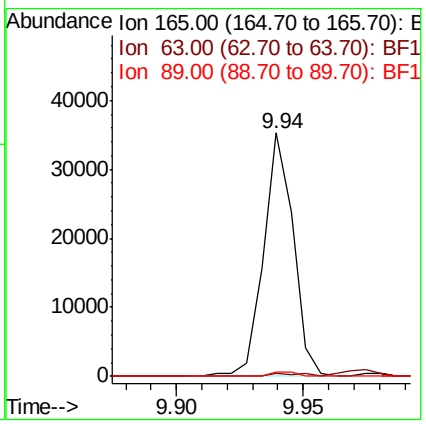


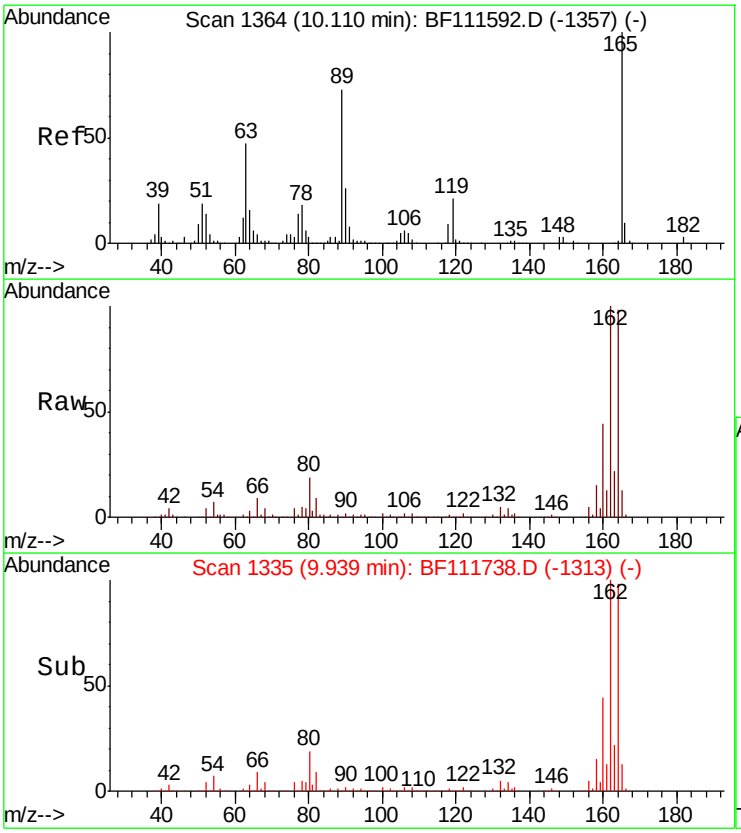
#51
2,6-Dinitrotoluene
Concen: 9.260 ng
RT: 9.94 min Scan# 1335
Delta R.T. 0.23 min
Lab File: BF111738.D
Acq: 27 Dec 2018 2:29

Instrument :
BNA_F
ClientSampleId :
COMP-1A

Tgt Ion:165 Resp: 28965

Ion	Ratio	Lower	Upper
165	100		
63	1.5	40.5	60.7#
89	2.0	40.0	60.0#

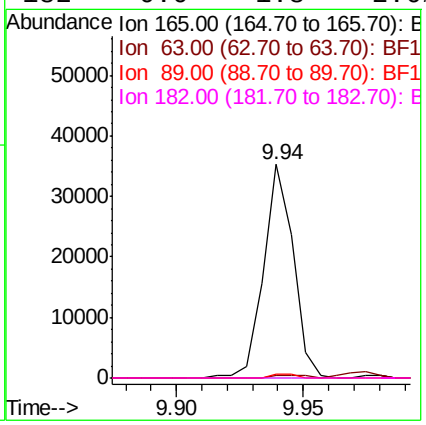


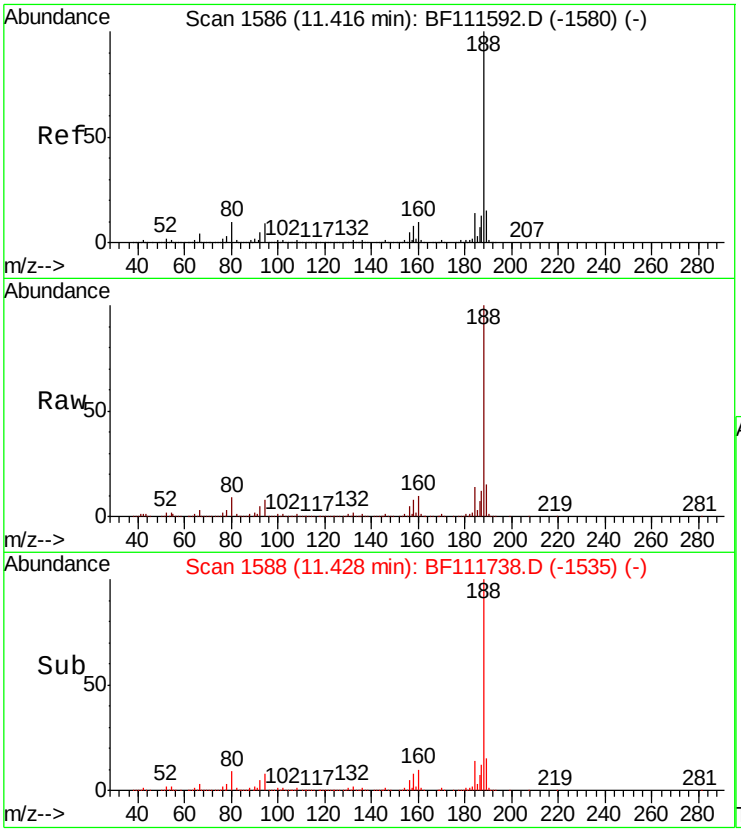


#57
2,4-Dinitrotoluene
Concen: 7.705 ng
RT: 9.94 min Scan# 1335
Delta R.T. -0.17 min
Lab File: BF111738.D
Acq: 27 Dec 2018 2:29

Tgt Ion:165 Resp: 28965

Ion	Ratio	Lower	Upper
165	100		
63	1.5	34.6	52.0#
89	2.0	56.2	84.4#
182	0.0	1.8	2.6#



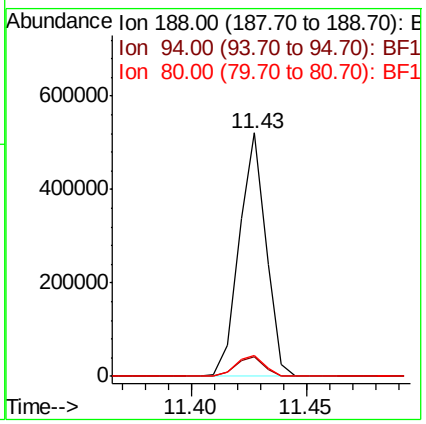


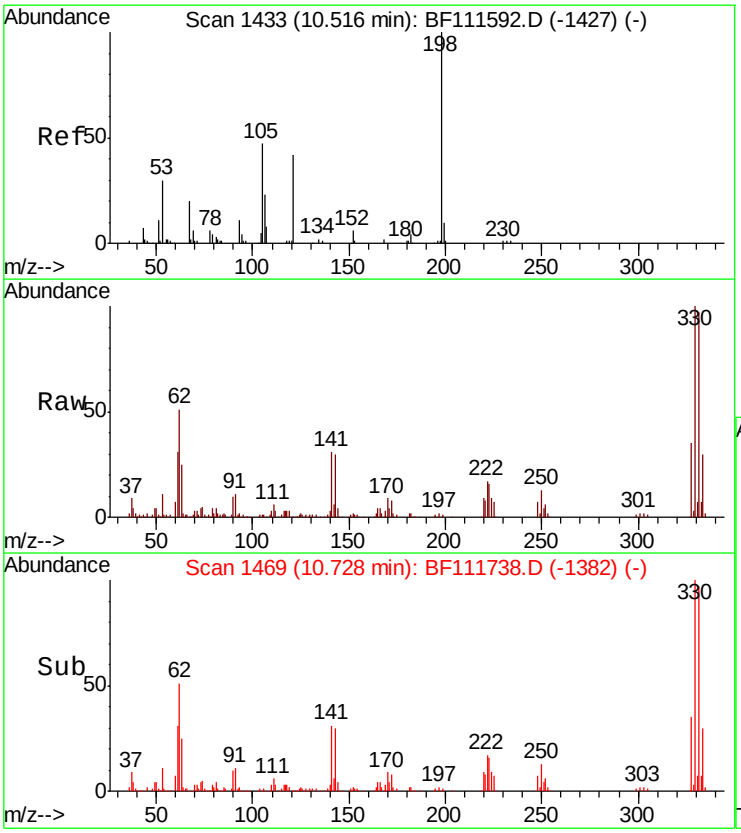
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.43 min Scan# 1588
Delta R.T. 0.01 min
Lab File: BF111738.D
Acq: 27 Dec 2018 2:29

Instrument :
BNA_F
ClientSampleId :
COMP-1A

Tgt Ion:188 Resp: 422512

Ion	Ratio	Lower	Upper
188	100		
94	8.0	9.6	14.4#
80	8.7	9.8	14.6#

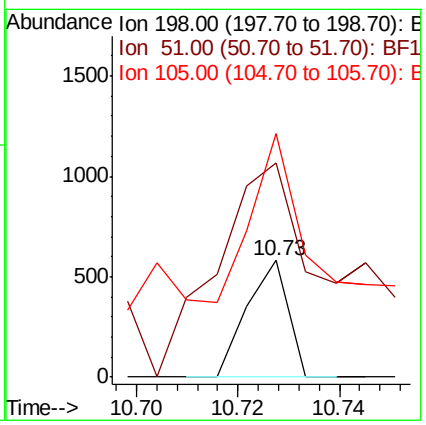


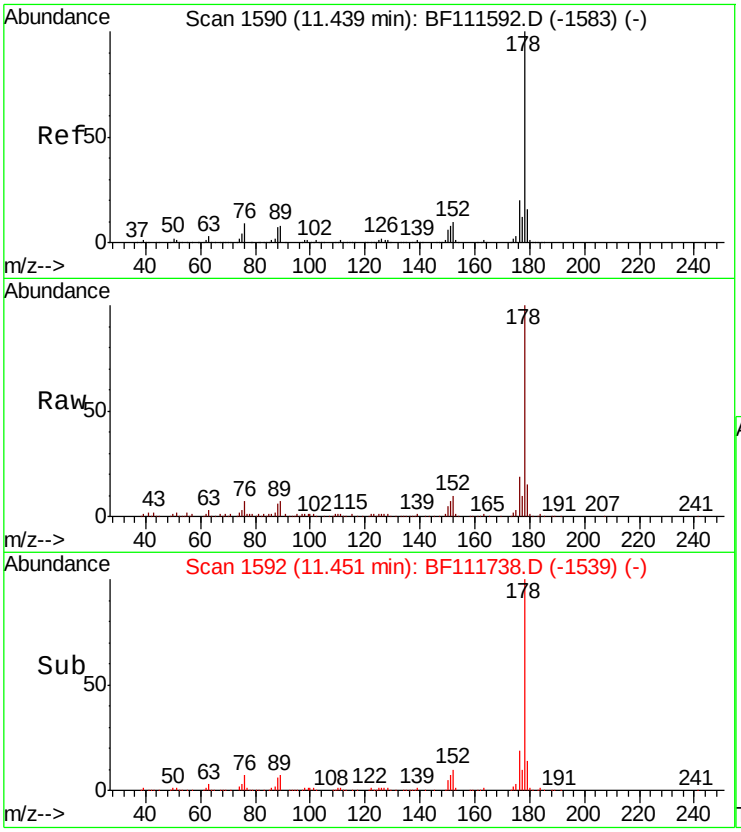


#65
4,6-Dinitro-2-methylphenol
Concen: 6.854 ng
RT: 10.73 min Scan# 1469
Delta R.T. 0.21 min
Lab File: BF111738.D
Acq: 27 Dec 2018 2:29

Tgt Ion:198 Resp: 328

Ion	Ratio	Lower	Upper
198	100		
51	183.8	48.0	88.0#
105	209.1	34.0	74.0#



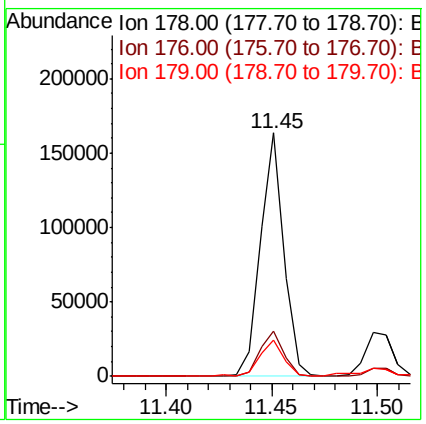


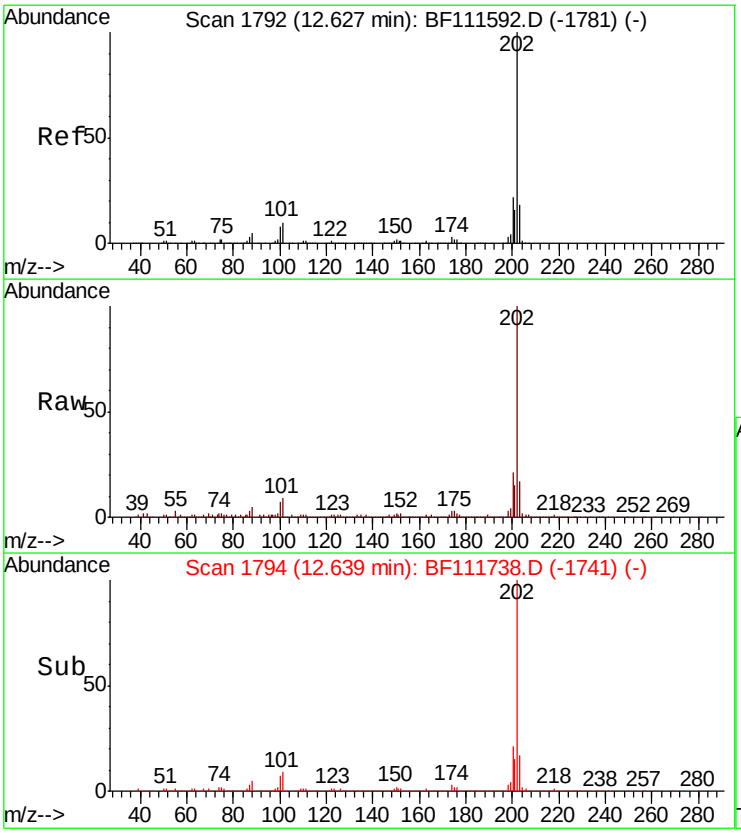
#71
Phenanthrene
Concen: 5.652 ng
RT: 11.45 min Scan# 1592
Delta R.T. 0.01 min
Lab File: BF111738.D
Acq: 27 Dec 2018 2:29

Instrument :
BNA_F
ClientSampleId :
COMP-1A

Tgt Ion:178 Resp: 126650

Ion	Ratio	Lower	Upper
178	100		
176	18.7	18.1	27.1
179	14.8	14.0	21.0

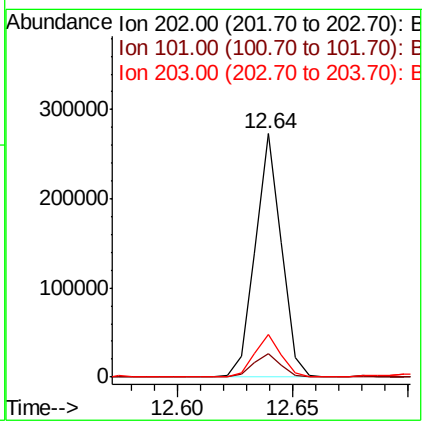


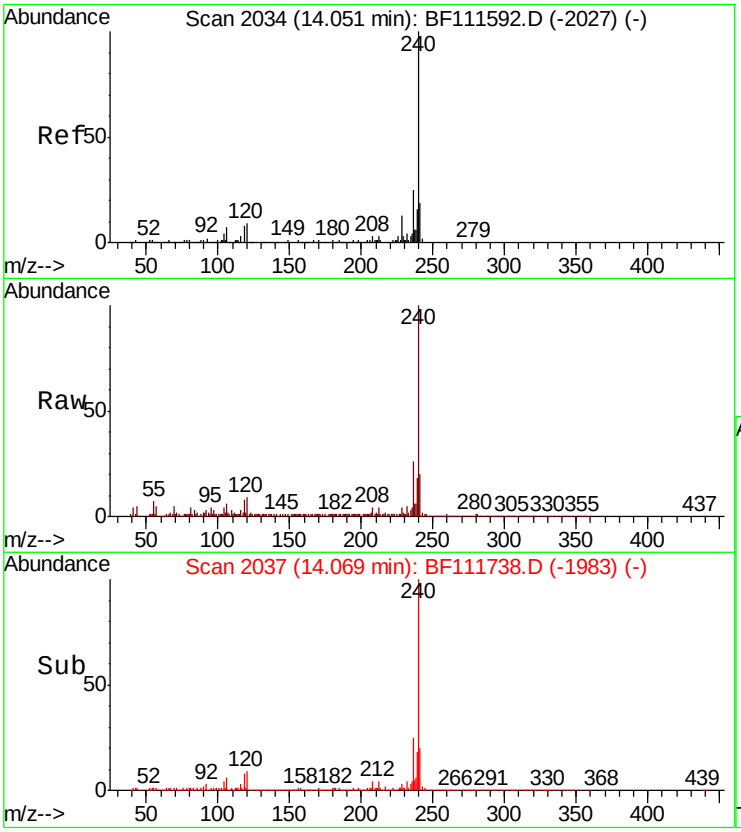


#75
Fluoranthene
Concen: 9.447 ng
RT: 12.64 min Scan# 1794
Delta R.T. 0.01 min
Lab File: BF111738.D
Acq: 27 Dec 2018 2:29

Tgt Ion:202 Resp: 214359

Ion	Ratio	Lower	Upper
202	100		
101	9.4	0.0	33.8
203	17.3	0.0	38.6



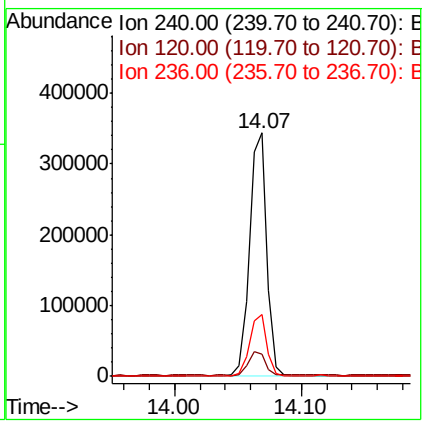


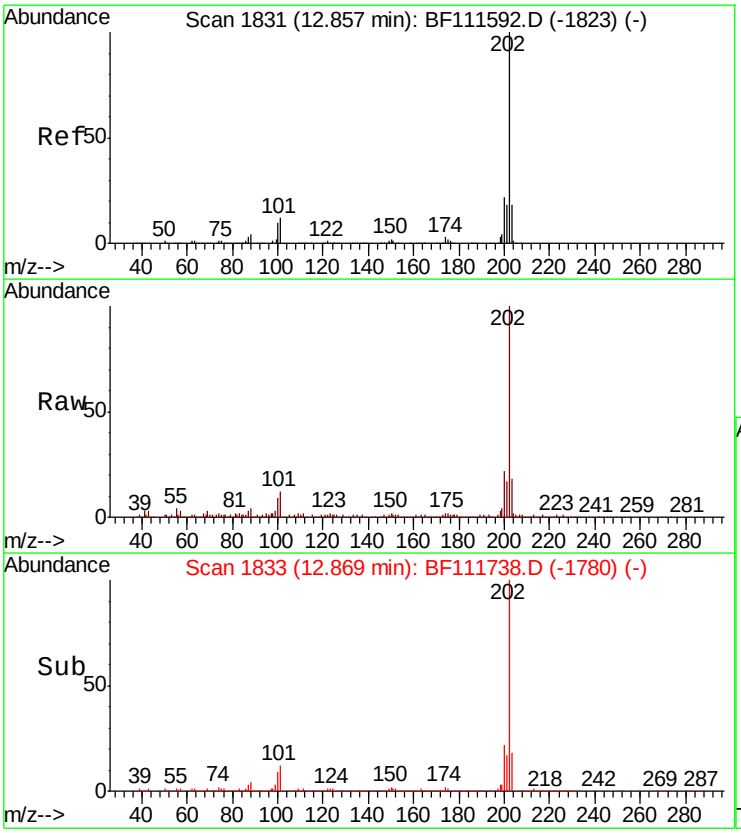
#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.07 min Scan# 2037
Delta R.T. 0.02 min
Lab File: BF111738.D
Acq: 27 Dec 2018 2:29

Instrument :
BNA_F
ClientSampleId :
COMP-1A

Tgt Ion:240 Resp: 324060

Ion	Ratio	Lower	Upper
240	100		
120	8.9	12.2	18.2#
236	25.6	20.2	30.2

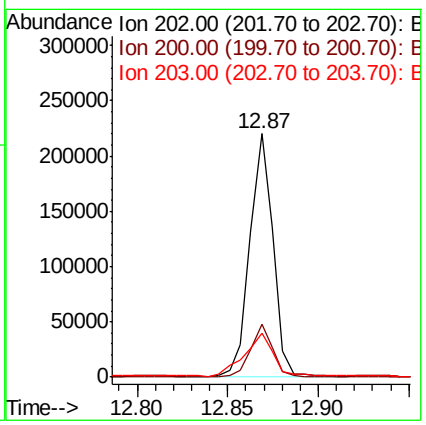


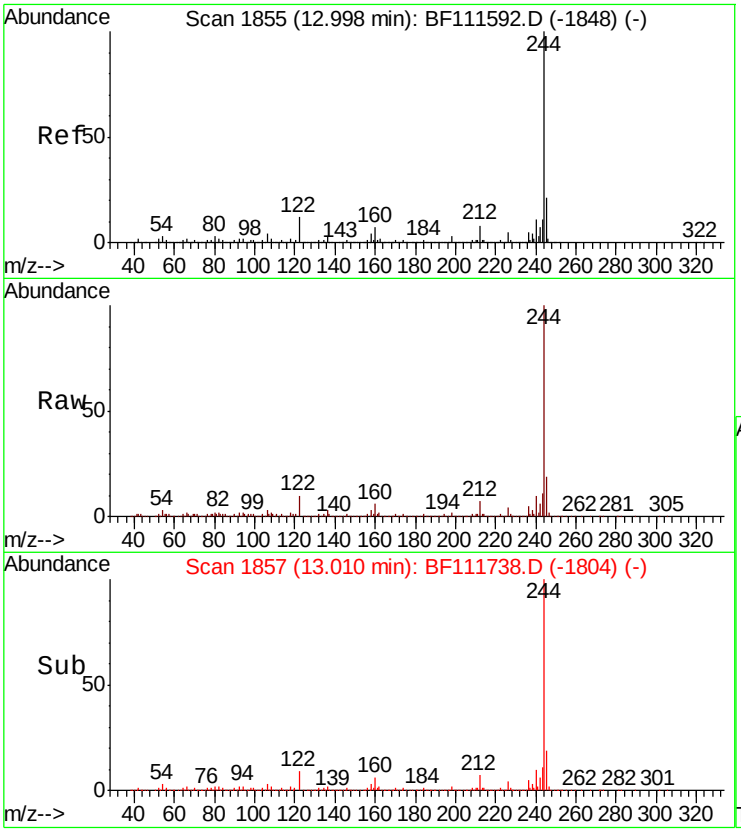


#78
Pyrene
Concen: 8.496 ng
RT: 12.87 min Scan# 1833
Delta R.T. 0.01 min
Lab File: BF111738.D
Acq: 27 Dec 2018 2:29

Tgt Ion:202 Resp: 194430

Ion	Ratio	Lower	Upper
202	100		
200	21.7	19.0	28.4
203	17.9	15.2	22.8



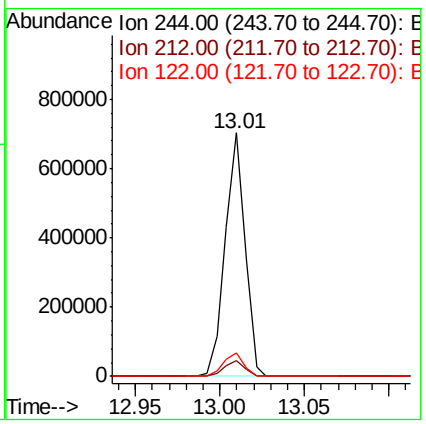


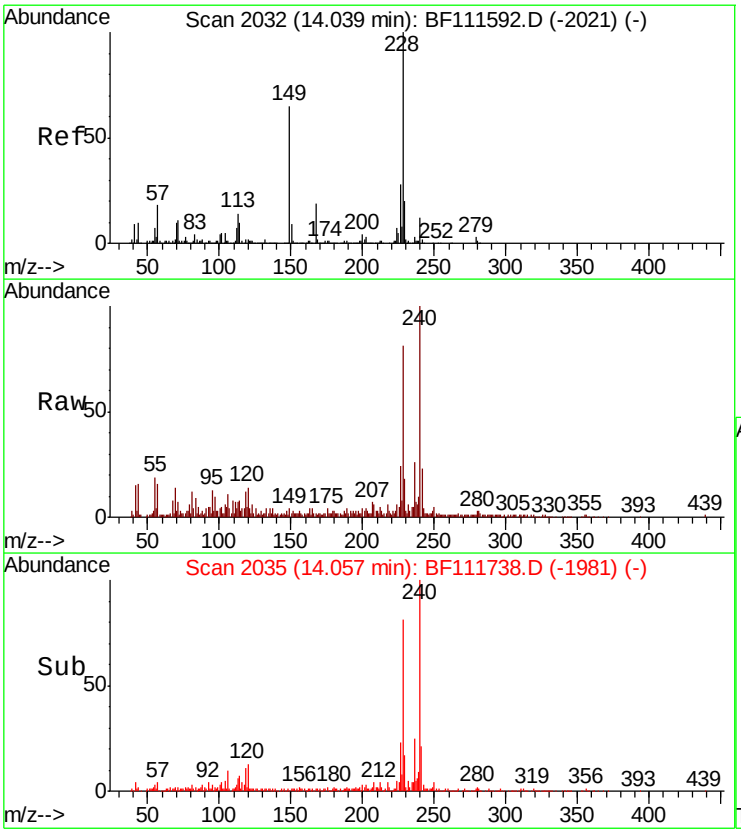
#79
Terphenyl-d14
Concen: 33.539 ng
RT: 13.01 min Scan# 1857
Delta R.T. 0.01 min
Lab File: BF111738.D
Acq: 27 Dec 2018 2:29

Instrument :
BNA_F
ClientSampleId :
COMP-1A

Tgt Ion:244 Resp: 573109

Ion	Ratio	Lower	Upper
244	100		
212	6.6	5.7	8.5
122	9.6	13.1	19.7#

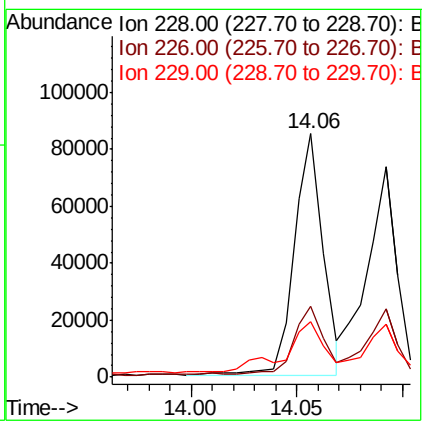


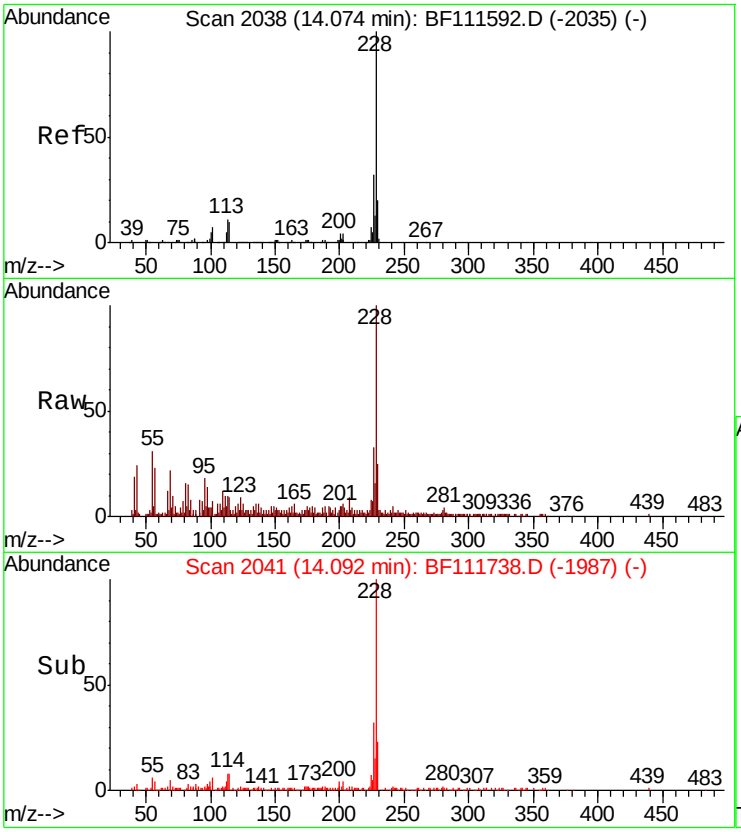


#81
Benzo(a)anthracene
Concen: 4.333 ng
RT: 14.06 min Scan# 2035
Delta R.T. 0.02 min
Lab File: BF111738.D
Acq: 27 Dec 2018 2:29

Tgt Ion:228 Resp: 80140

Ion	Ratio	Lower	Upper
228	100		
226	29.1	22.6	34.0
229	22.7	16.3	24.5



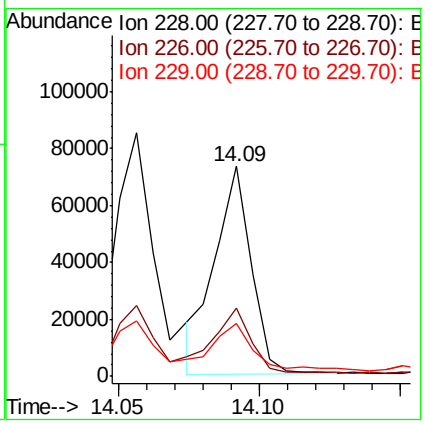


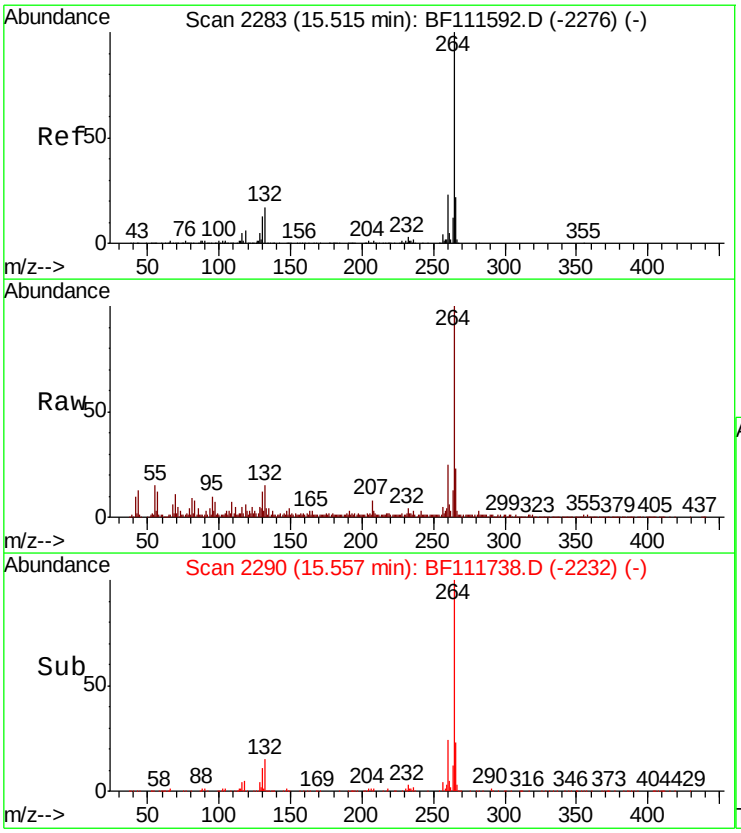
#83
Chrysene
Concen: 3.637 ng
RT: 14.09 min Scan# 2041
Delta R.T. 0.02 min
Lab File: BF111738.D
Acq: 27 Dec 2018 2:29

Instrument :
BNA_F
ClientSampleId :
COMP-1A

Tgt Ion:228 Resp: 66103

Ion	Ratio	Lower	Upper
228	100		
226	32.8	25.3	37.9
229	24.9	17.2	25.8

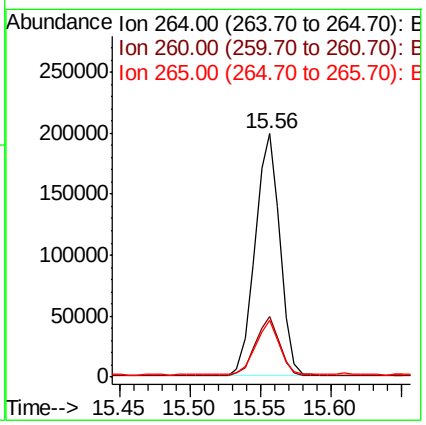


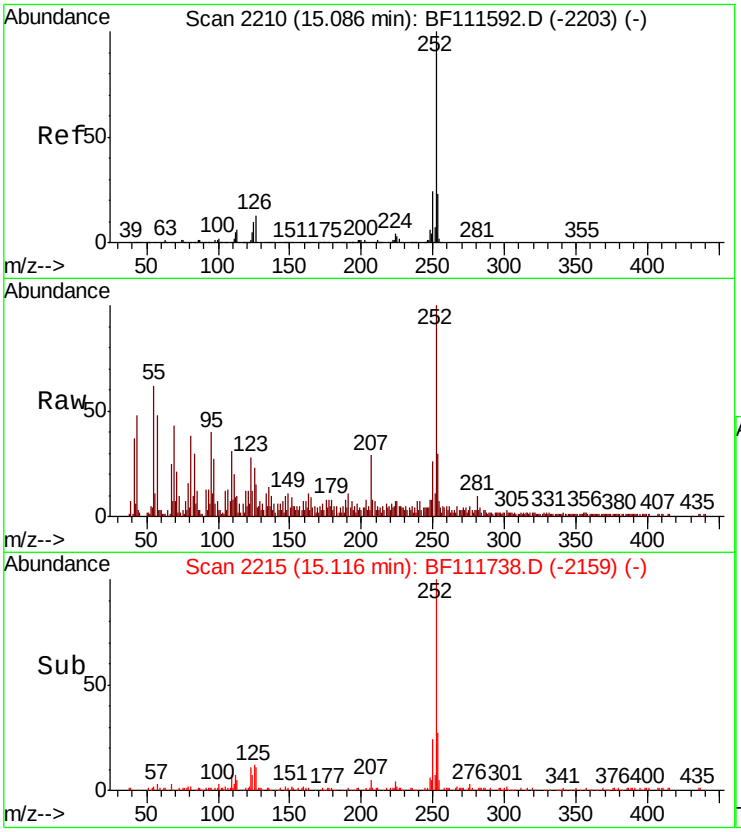


#87
Perylene-d12
Concen: 20.000 ng
RT: 15.56 min Scan# 2290
Delta R.T. 0.04 min
Lab File: BF111738.D
Acq: 27 Dec 2018 2:29

Tgt Ion:264 Resp: 245620

Ion	Ratio	Lower	Upper
264	100		
260	24.7	18.3	27.5
265	23.4	17.7	26.5



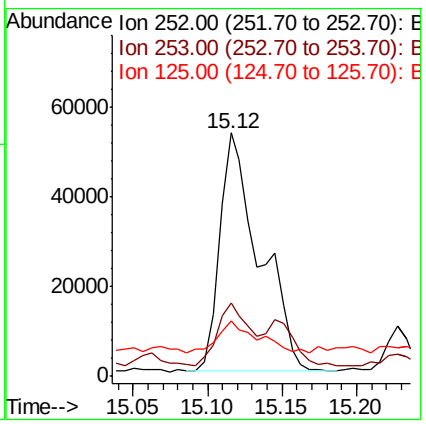


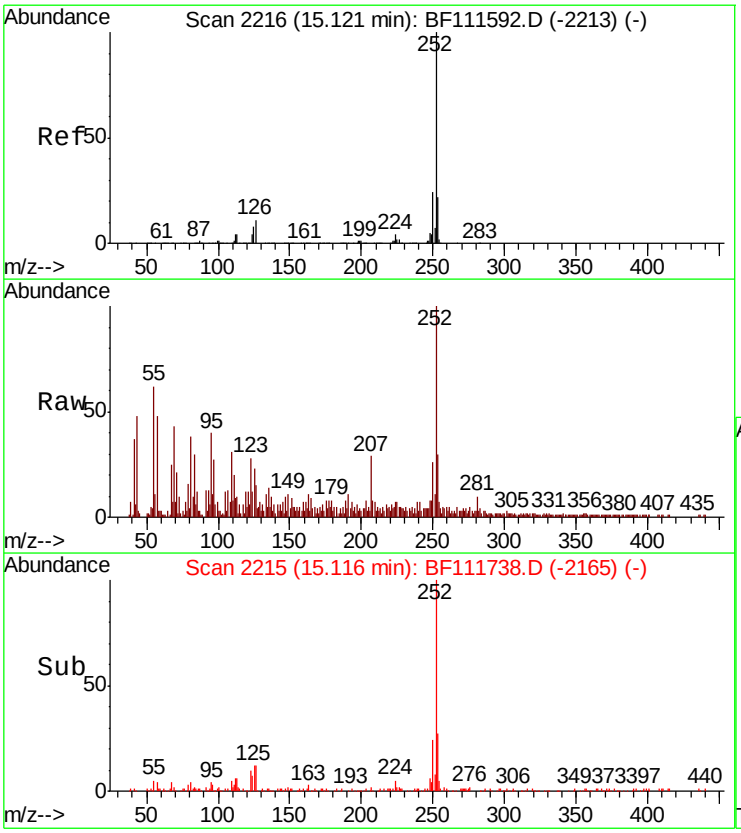
#88
Benzo(b)fluoranthene
Concen: 6.906 ng
RT: 15.12 min Scan# 2215
Delta R.T. 0.03 min
Lab File: BF111738.D
Acq: 27 Dec 2018 2:29

Instrument :
BNA_F
ClientSampleId :
COMP-1A

Tgt Ion:252 Resp: 99138

Ion	Ratio	Lower	Upper
252	100		
253	30.1	18.2	27.2#
125	22.5	10.4	15.6#

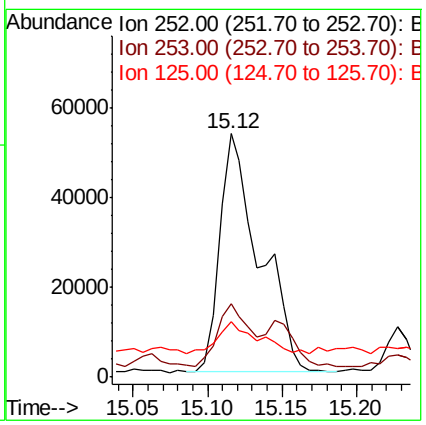


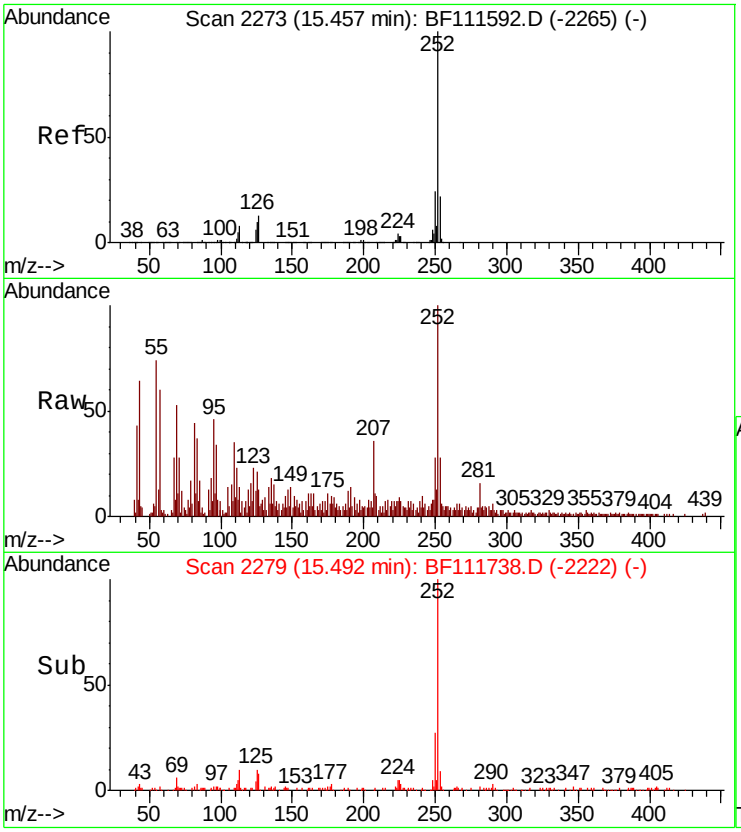


#89
Benzo(k)fluoranthene
Concen: 7.254 ng
RT: 15.12 min Scan# 2215
Delta R.T. -0.01 min
Lab File: BF111738.D
Acq: 27 Dec 2018 2:29

Tgt Ion:252 Resp: 99138

Ion	Ratio	Lower	Upper
252	100		
253	30.1	18.1	27.1#
125	22.5	9.8	14.8#



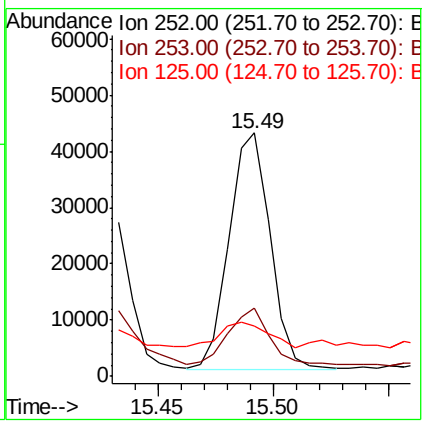


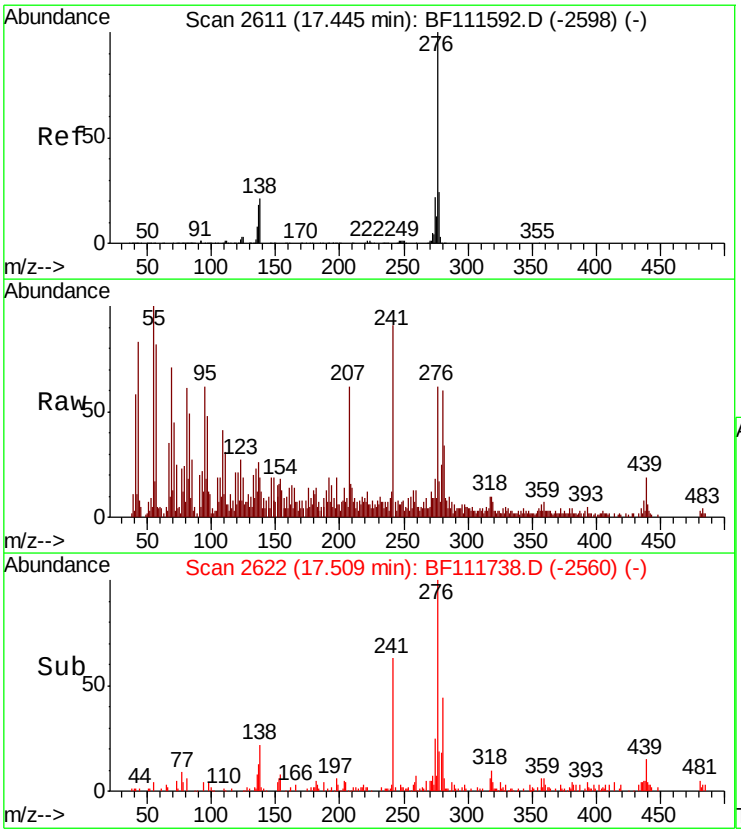
#90
Benzo(a)pyrene
Concen: 4.007 ng
RT: 15.49 min Scan# 2279
Delta R.T. 0.04 min
Lab File: BF111738.D
Acq: 27 Dec 2018 2:29

Instrument :
BNA_F
ClientSampleId :
COMP-1A

Tgt Ion:252 Resp: 52255

Ion	Ratio	Lower	Upper
252	100		
253	28.2	17.8	26.8#
125	20.8	12.3	18.5#





#92
Benzo(g,h,i)perylene
Concen: 2.754 ng
RT: 17.51 min Scan# 2622
Delta R.T. 0.06 min
Lab File: BF111738.D
Acq: 27 Dec 2018 2:29

Tgt Ion:276 Resp: 30706

Ion	Ratio	Lower	Upper
276	100		
277	27.2	19.2	28.8
138	31.2	24.9	37.3