Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF112318\
Data File : BF110949.D
Acq On : 23 Nov 2018 17:35
Operator : JU/SJ
Sample : J5999-09
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SSSI-1116-S-AB-4

Quant Time: Nov 23 20:06:41 2018
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF110818.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Nov 13 12:43:10 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.93	152	65623	20.00	ng		-0.01
21) Naphthalene-d8	8.22	136	252331	20.00	ng		0.00
39) Acenaphthene-d10	9.97	164	99025	20.00	ng		-0.02
64) Phenanthrene-d10	11.47	188	168159	20.00	ng		-0.01
76) Chrysene-d12	14.13	240	158340	20.00	ng		-0.01
87) Perylene-d12	15.66	264	106658	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.56	112	392487	97.15	ng		0.00
7) Phenol-d6	6.56	99	485743	94.02	ng		-0.01
23) Nitrobenzene-d5	7.50	82	307004	70.07	ng		-0.01
42) 2,4,6-Tribromophenol	10.77	330	86055	86.24	ng		-0.01
45) 2-Fluorobiphenyl	9.29	172	404303	58.31	ng		-0.01
79) Terphenyl-d14	13.05	244	355705	42.07	ng		-0.02
Target Compounds							Qvalue
9) Benzaldehyde	6.56	77	2458	Below Cal		#	1
10) Phenol	6.57	94	24852	4.149	ng	#	75
19) n-Nitroso-di-n-propylamine	7.50	70	40343	12.233	ng	#	81
25) Isophorone	7.50	82	307023	42.753	ng	#	67
50) Dimethylphthalate	9.69	163	29012	3.926	ng		100
51) 2,6-Dinitrotoluene	9.97	165	12570	7.733	ng	#	21
57) 2,4-Dinitrotoluene	9.97	165	12570	5.948	ng	#	17
67) 4-Bromophenyl-phenylether	10.77	248	5477	2.947	ng	#	1
71) Phenanthrene	11.50	178	32126	3.566	ng		98
75) Fluoranthene	12.69	202	84735	9.381	ng		98
78) Pyrene	12.93	202	73749	6.049	ng		97
81) Benzo(a)anthracene	14.12	228	44039	4.653	ng		97
83) Chrysene	14.16	228	40890	4.535	ng		97
86) Indeno(1,2,3-cd)pyrene	17.25	276	16729	2.586	ng		96
88) Benzo(b)fluoranthene	15.20	252	58920	9.234	ng	#	95
89) Benzo(k)fluoranthene	15.20	252	58920	9.345	ng	#	94
90) Benzo(a)pyrene	15.60	252	27912	4.815	ng	#	93
92) Benzo(g,h,i)perylene	17.74	276	16088	3.305	ng	#	91

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

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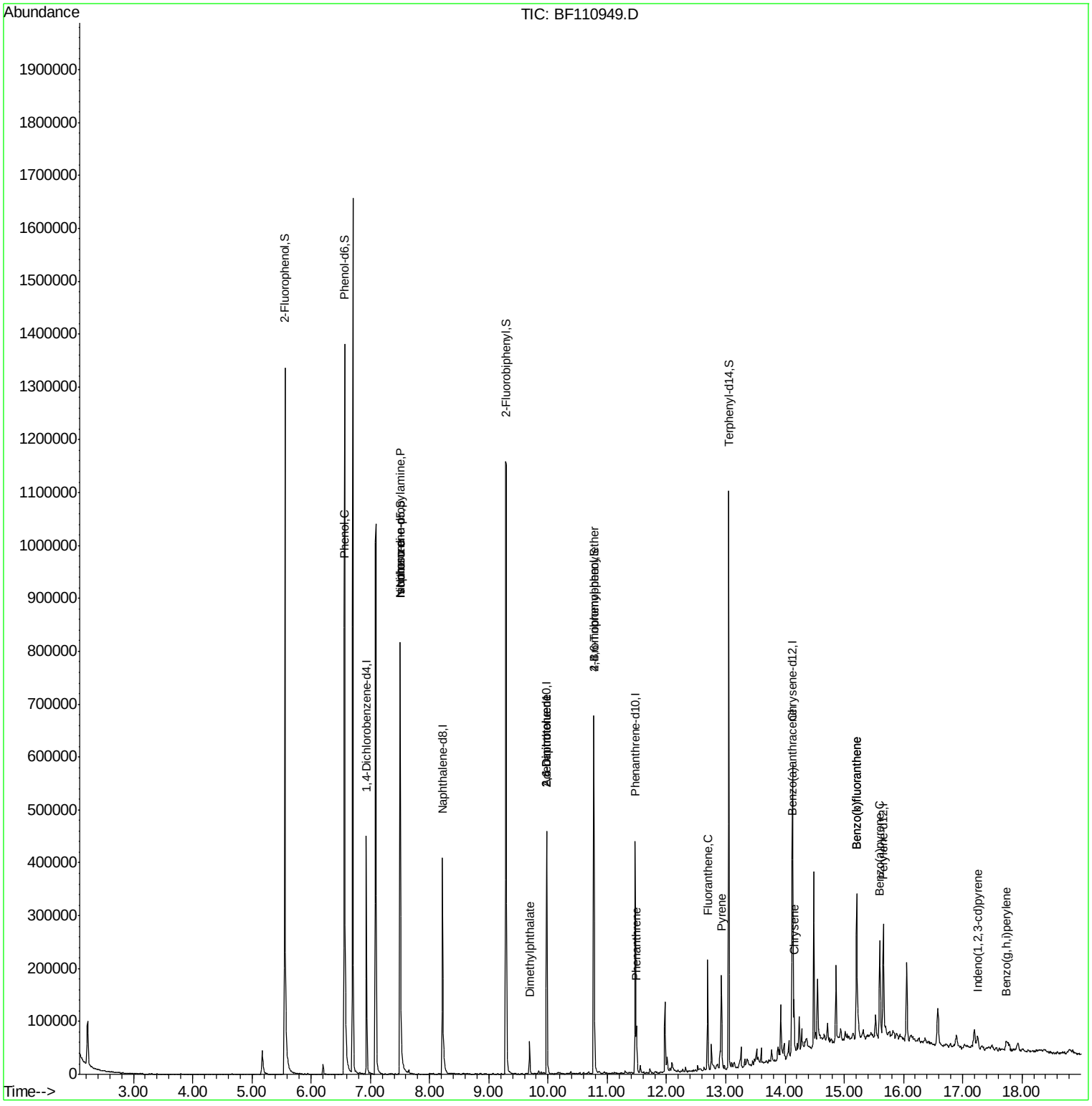
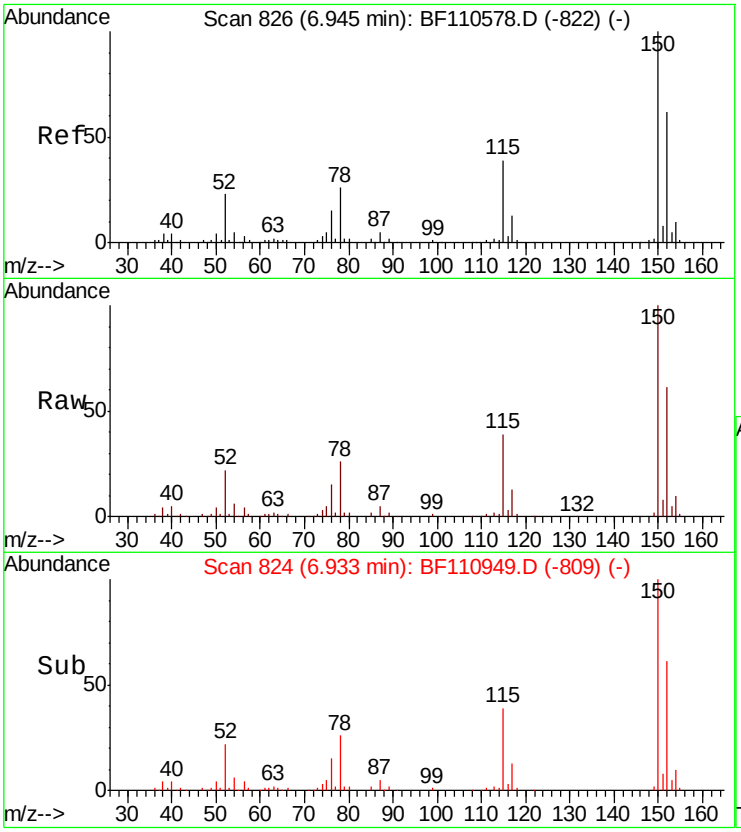


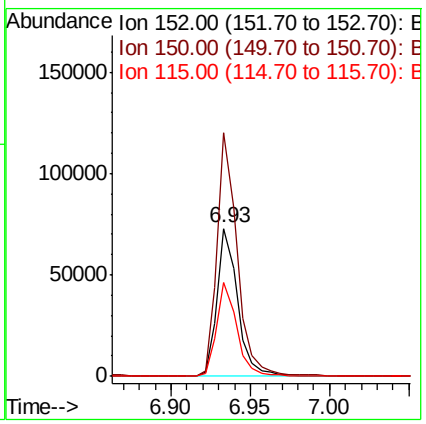


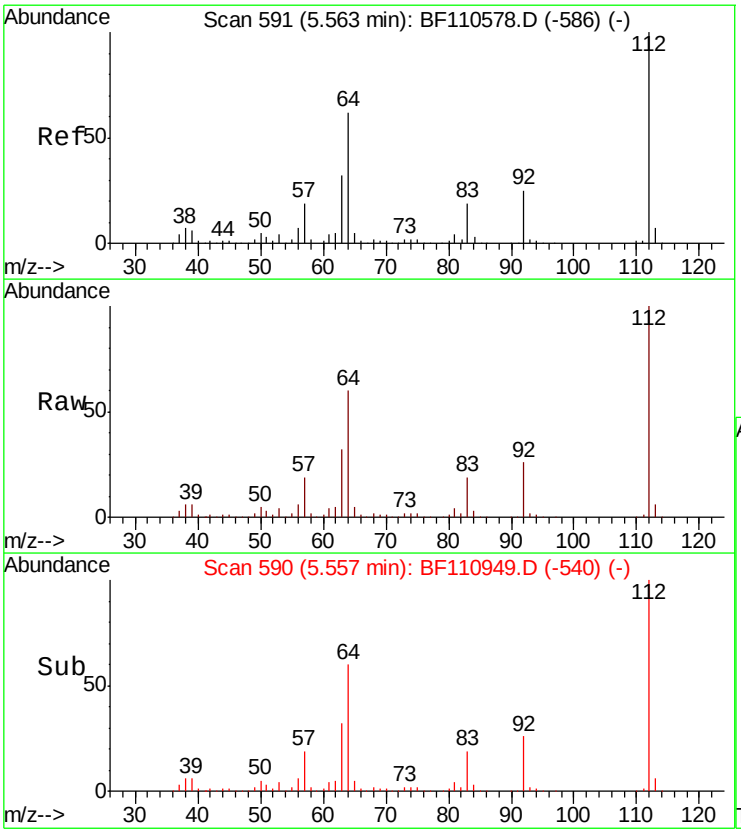
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.93 min Scan# 824
Delta R.T. -0.01 min
Lab File: BF110949.D
Acq: 23 Nov 2018 17:35

Instrument :
BNA_F
ClientSampleId :
SSSI-1116-S-AB-4

Tgt Ion:152 Resp: 65623

Ion	Ratio	Lower	Upper
152	100		
150	164.7	122.7	184.1
115	63.7	49.1	73.7

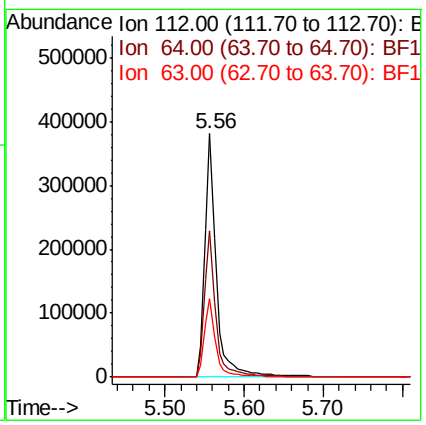


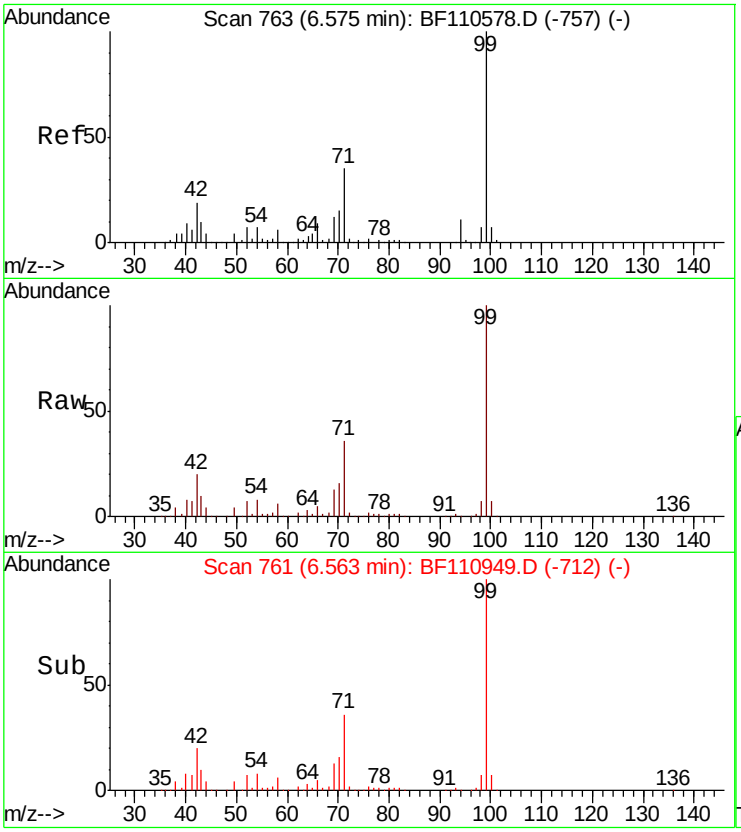


#5
2-Fluorophenol
Concen: 97.149 ng
RT: 5.56 min Scan# 590
Delta R.T. -0.01 min
Lab File: BF110949.D
Acq: 23 Nov 2018 17:35

Tgt Ion:112 Resp: 392487

Ion	Ratio	Lower	Upper
112	100		
64	60.1	44.1	66.1
63	32.0	23.7	35.5



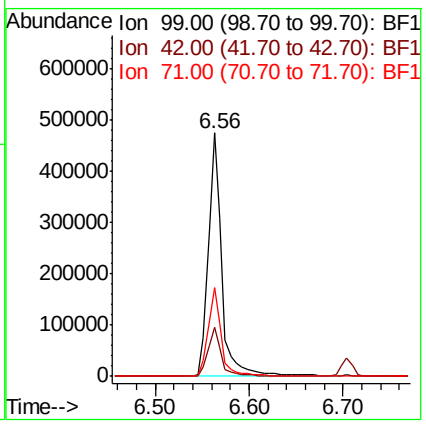


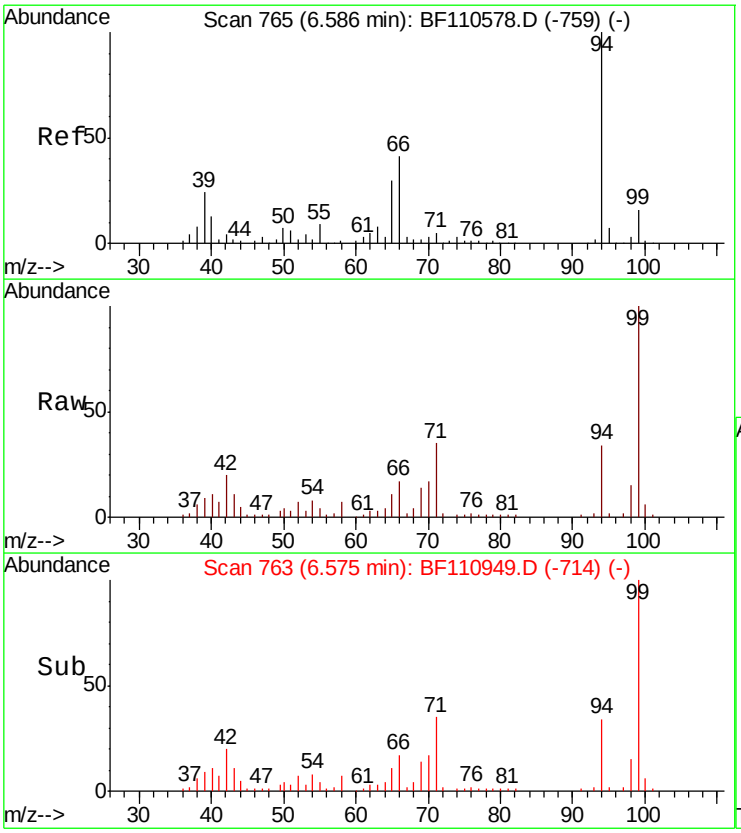
#7
Phenol-d6
Concen: 94.023 ng
RT: 6.56 min Scan# 761
Delta R.T. -0.01 min
Lab File: BF110949.D
Acq: 23 Nov 2018 17:35

Instrument :
BNA_F
ClientSampleId :
SSSI-1116-S-AB-4

Tgt Ion: 99 Resp: 485743

Ion	Ratio	Lower	Upper
99	100		
42	20.3	15.8	23.6
71	36.3	28.0	42.0

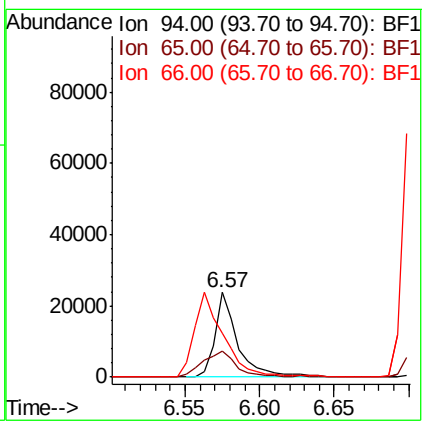


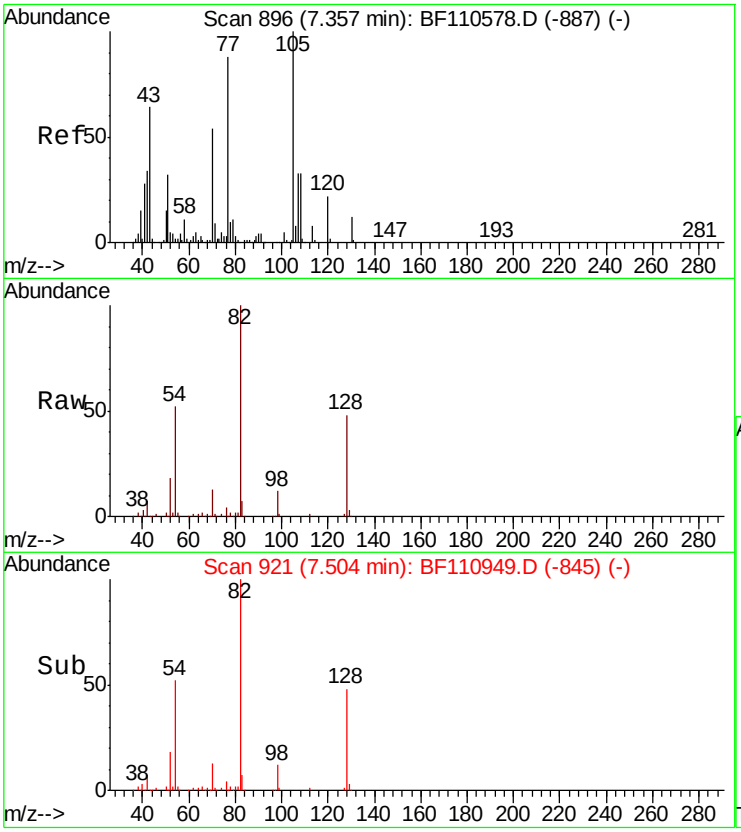


#10
Phenol
Concen: 4.149 ng
RT: 6.57 min Scan# 763
Delta R.T. -0.01 min
Lab File: BF110949.D
Acq: 23 Nov 2018 17:35

Tgt Ion: 94 Resp: 24852

Ion	Ratio	Lower	Upper
94	100		
65	31.4	25.3	65.3
66	51.6	54.5	94.5#



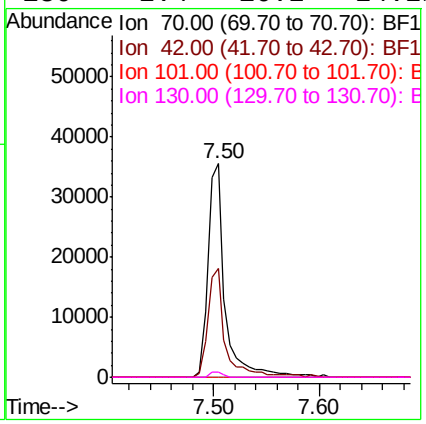


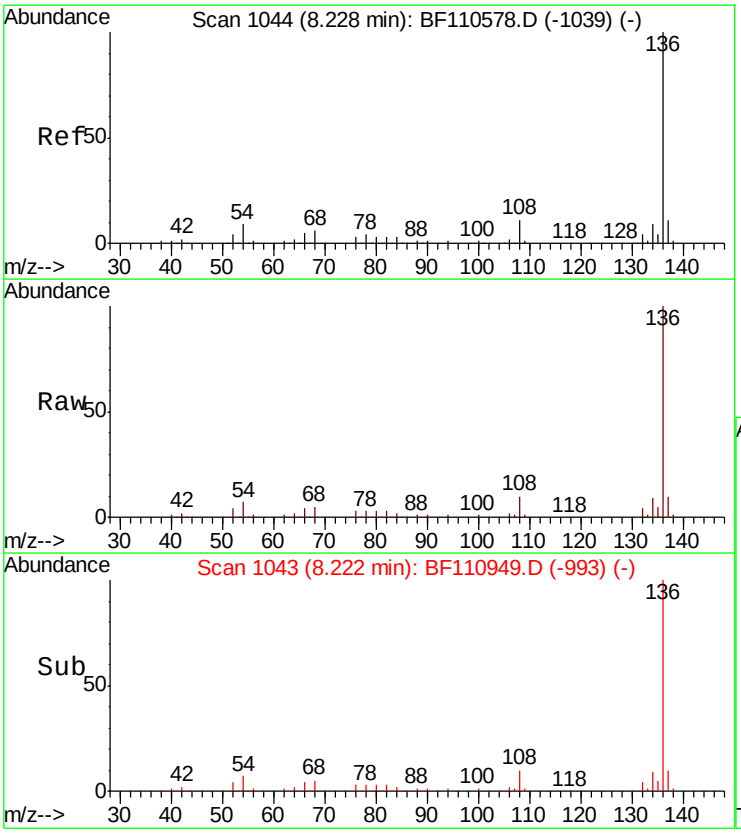
#19
n-Nitroso-di-n-propylamine
Concen: 12.233 ng
RT: 7.50 min Scan# 921
Delta R.T. 0.15 min
Lab File: BF110949.D
Acq: 23 Nov 2018 17:35

Instrument :
BNA_F
ClientSampleId :
SSSI-1116-S-AB-4

Tgt Ion: 70 Resp: 40343

Ion	Ratio	Lower	Upper
70	100		
42	51.0	47.4	71.2
101	0.0	7.3	10.9#
130	2.4	16.2	24.2#

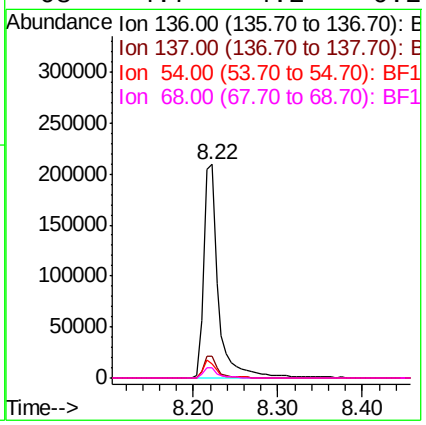


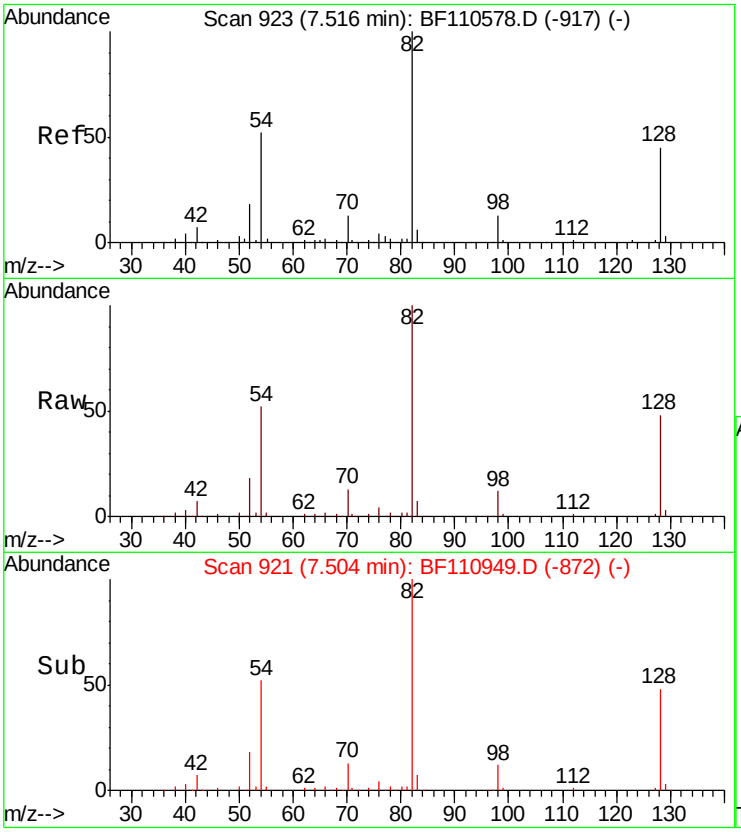


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.22 min Scan# 1043
Delta R.T. -0.01 min
Lab File: BF110949.D
Acq: 23 Nov 2018 17:35

Tgt Ion:136 Resp: 252331

Ion	Ratio	Lower	Upper
136	100		
137	10.5	8.8	13.2
54	6.8	5.4	8.2
68	4.7	4.2	6.2



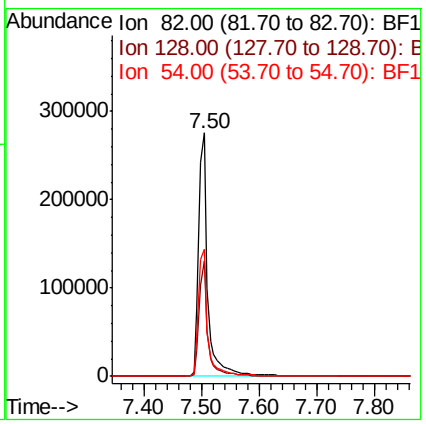


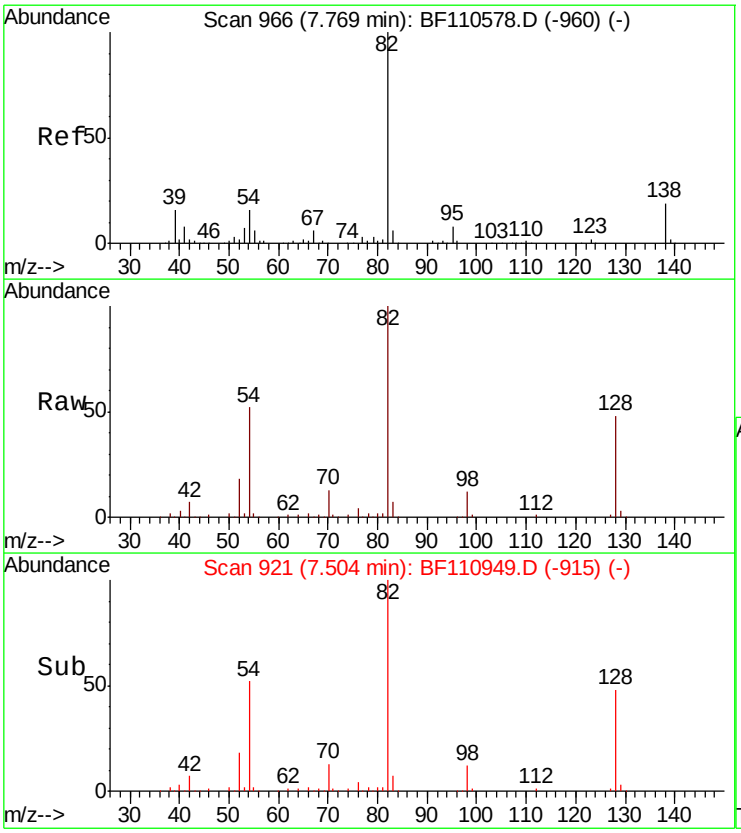
#23
Nitrobenzene-d5
Concen: 70.068 ng
RT: 7.50 min Scan# 921
Delta R.T. -0.01 min
Lab File: BF110949.D
Acq: 23 Nov 2018 17:35

Instrument :
BNA_F
ClientSampleId :
SSSI-1116-S-AB-4

Tgt Ion: 82 Resp: 307004

Ion	Ratio	Lower	Upper
82	100		
128	47.7	34.2	51.2
54	52.0	38.6	58.0

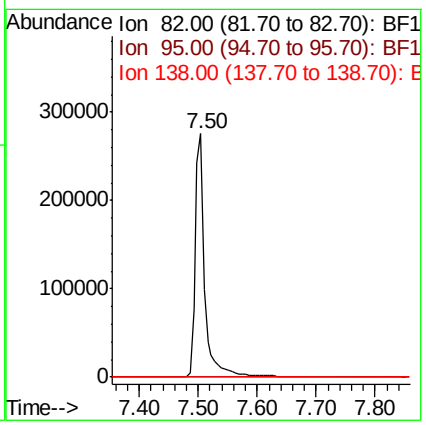


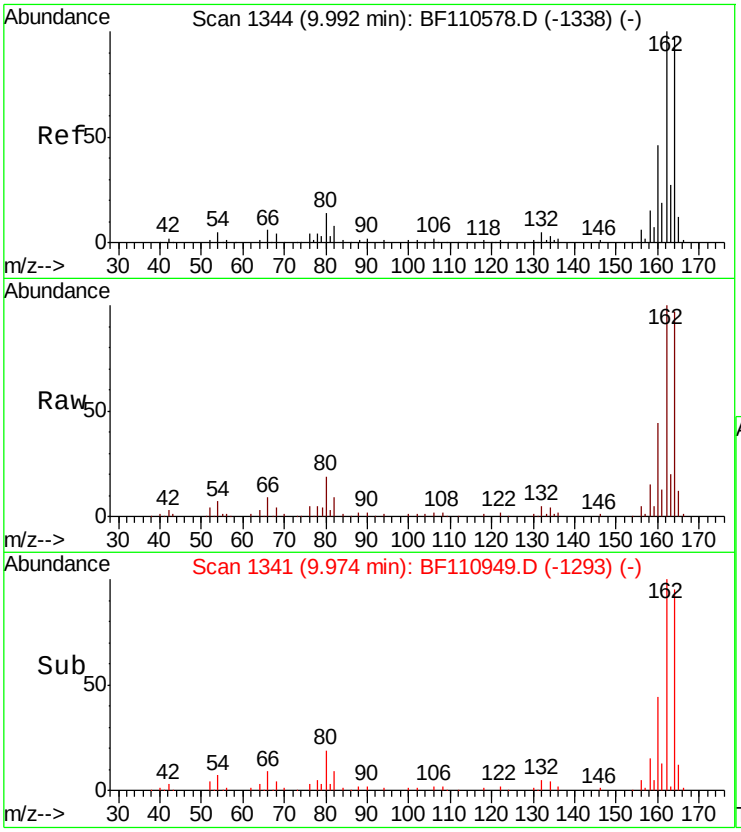


#25
Isophorone
Concen: 42.753 ng
RT: 7.50 min Scan# 921
Delta R.T. -0.26 min
Lab File: BF110949.D
Acq: 23 Nov 2018 17:35

Tgt Ion: 82 Resp: 307023

Ion	Ratio	Lower	Upper
82	100		
95	0.0	5.7	8.5#
138	0.0	13.2	19.8#



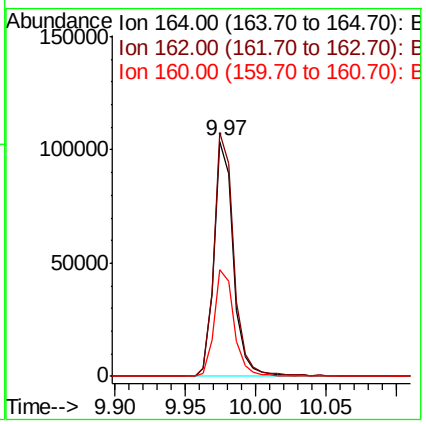


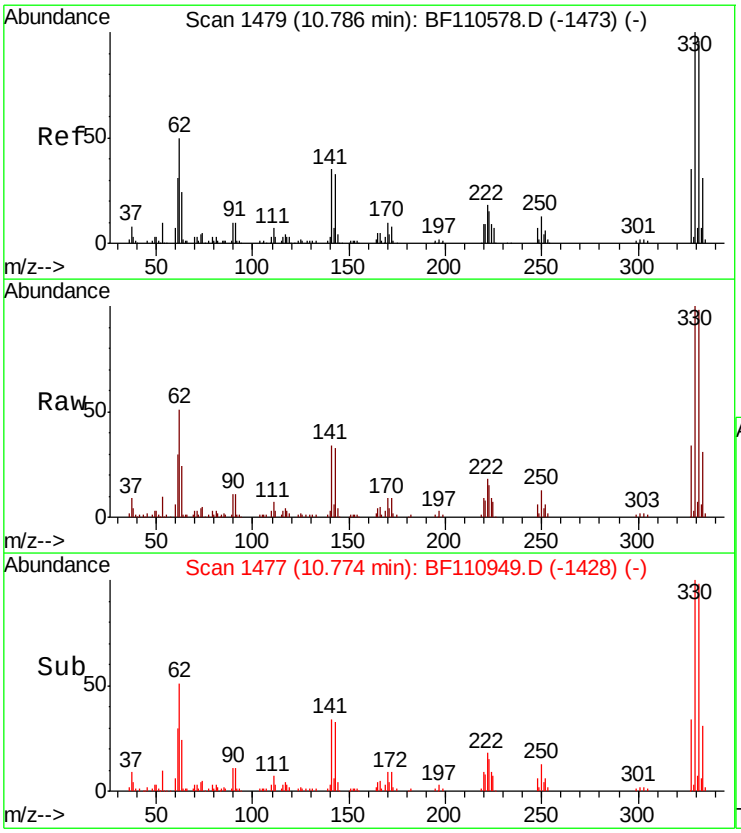
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.97 min Scan# 1341
Delta R.T. -0.02 min
Lab File: BF110949.D
Acq: 23 Nov 2018 17:35

Instrument :
BNA_F
ClientSampleId :
SSSI-1116-S-AB-4

Tgt Ion:164 Resp: 99025

Ion	Ratio	Lower	Upper
164	100		
162	103.6	83.0	124.6
160	45.4	37.0	55.6

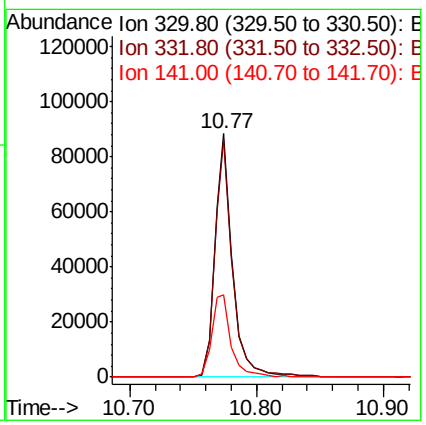


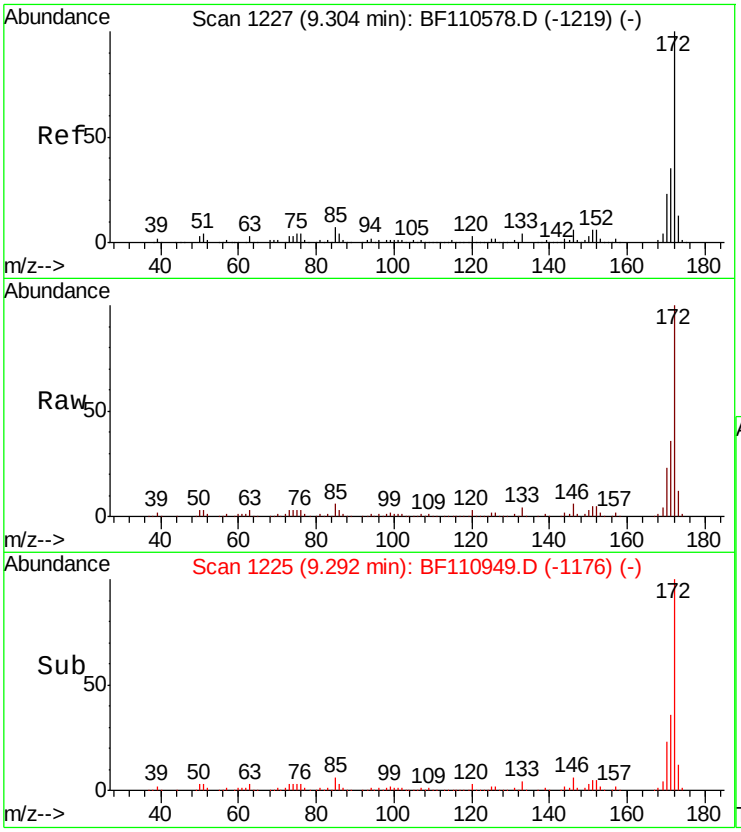


#42
2,4,6-Tribromophenol
Concen: 86.245 ng
RT: 10.77 min Scan# 1477
Delta R.T. -0.01 min
Lab File: BF110949.D
Acq: 23 Nov 2018 17:35

Tgt Ion:330 Resp: 86055

Ion	Ratio	Lower	Upper
330	100		
332	97.9	77.1	115.7
141	37.4	27.0	40.4



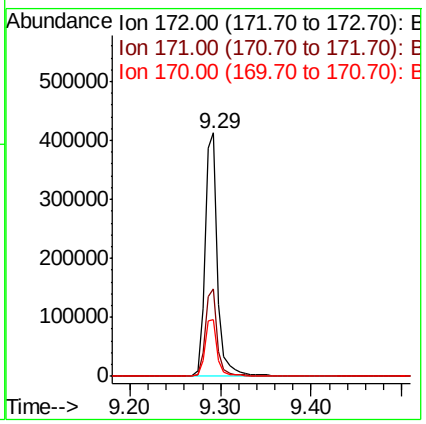


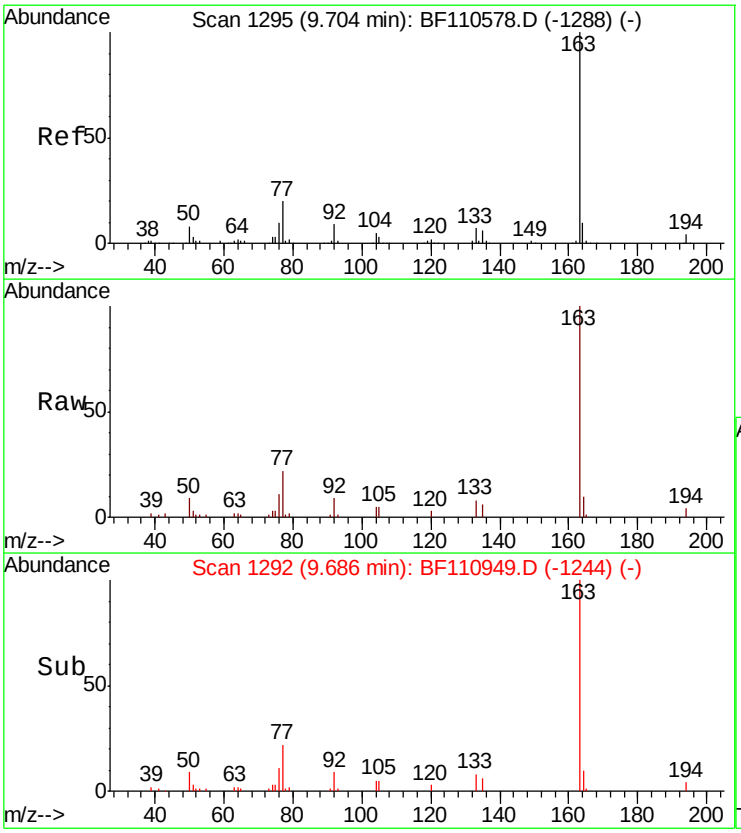
#45
2-Fluorobiphenyl
Concen: 58.310 ng
RT: 9.29 min Scan# 1225
Delta R.T. -0.01 min
Lab File: BF110949.D
Acq: 23 Nov 2018 17:35

Instrument :
BNA_F
ClientSampleId :
SSSI-1116-S-AB-4

Tgt Ion:172 Resp: 404303

Ion	Ratio	Lower	Upper
172	100		
171	35.7	28.6	43.0
170	23.1	19.7	29.5

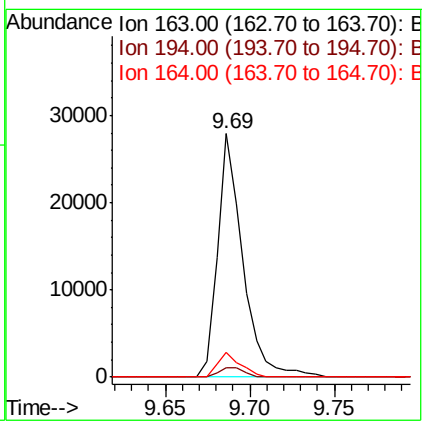


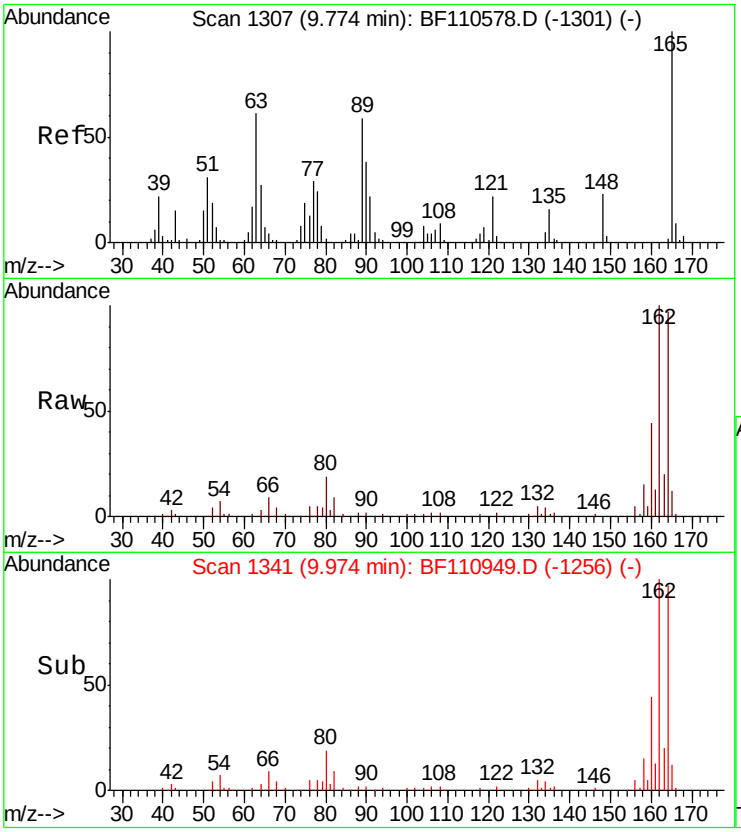


#50
Dimethylphthalate
Concen: 3.926 ng
RT: 9.69 min Scan# 1292
Delta R.T. -0.02 min
Lab File: BF110949.D
Acq: 23 Nov 2018 17:35

Tgt Ion:163 Resp: 29012

Ion	Ratio	Lower	Upper
163	100		
194	4.1	3.2	4.8
164	10.1	8.1	12.1



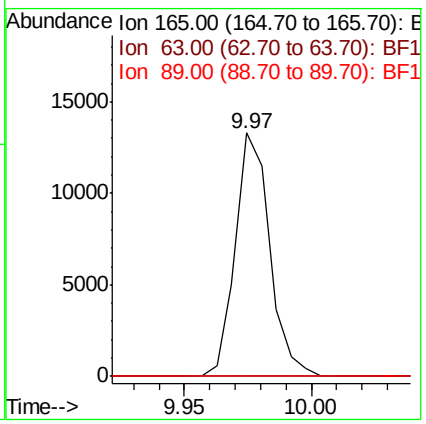


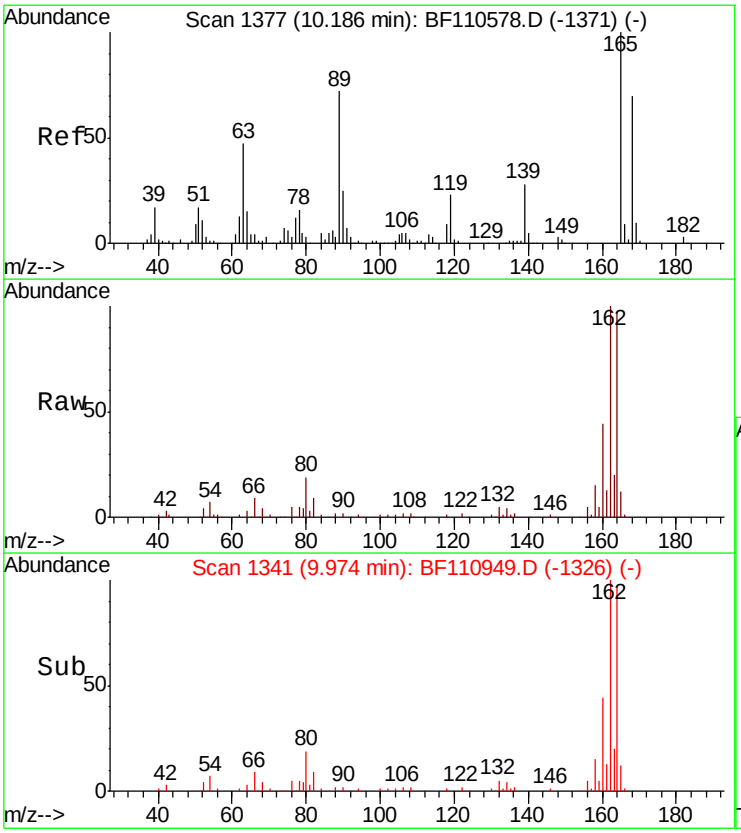
#51
2,6-Dinitrotoluene
Concen: 7.733 ng
RT: 9.97 min Scan# 1341
Delta R.T. 0.20 min
Lab File: BF110949.D
Acq: 23 Nov 2018 17:35

Instrument :
BNA_F
ClientSampleId :
SSSI-1116-S-AB-4

Tgt Ion:165 Resp: 12570

Ion	Ratio	Lower	Upper
165	100		
63	0.0	48.9	73.3#
89	0.0	46.6	69.8#

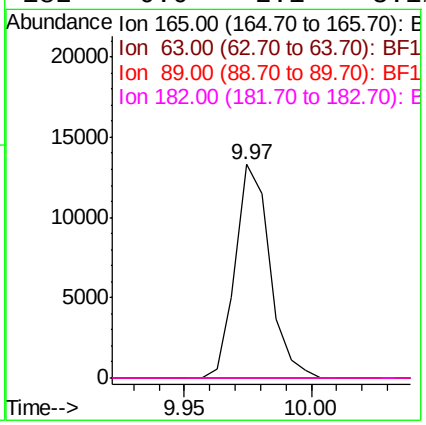


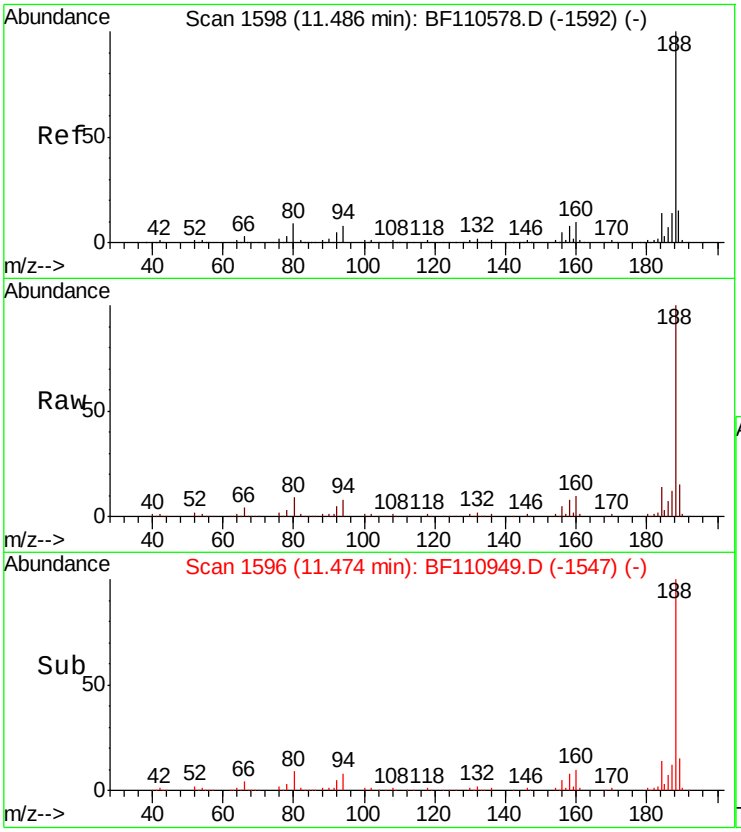


#57
2,4-Dinitrotoluene
Concen: 5.948 ng
RT: 9.97 min Scan# 1341
Delta R.T. -0.21 min
Lab File: BF110949.D
Acq: 23 Nov 2018 17:35

Tgt Ion:165 Resp: 12570

Ion	Ratio	Lower	Upper
165	100		
63	0.0	44.8	67.2#
89	0.0	62.2	93.4#
182	0.0	2.1	3.1#



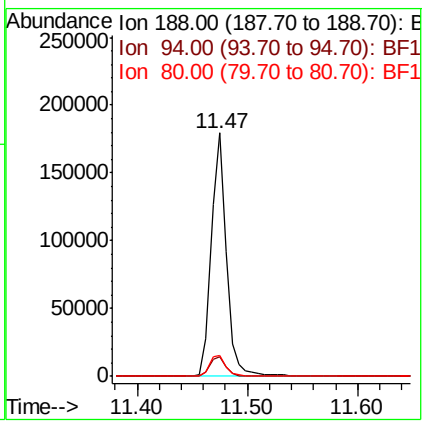


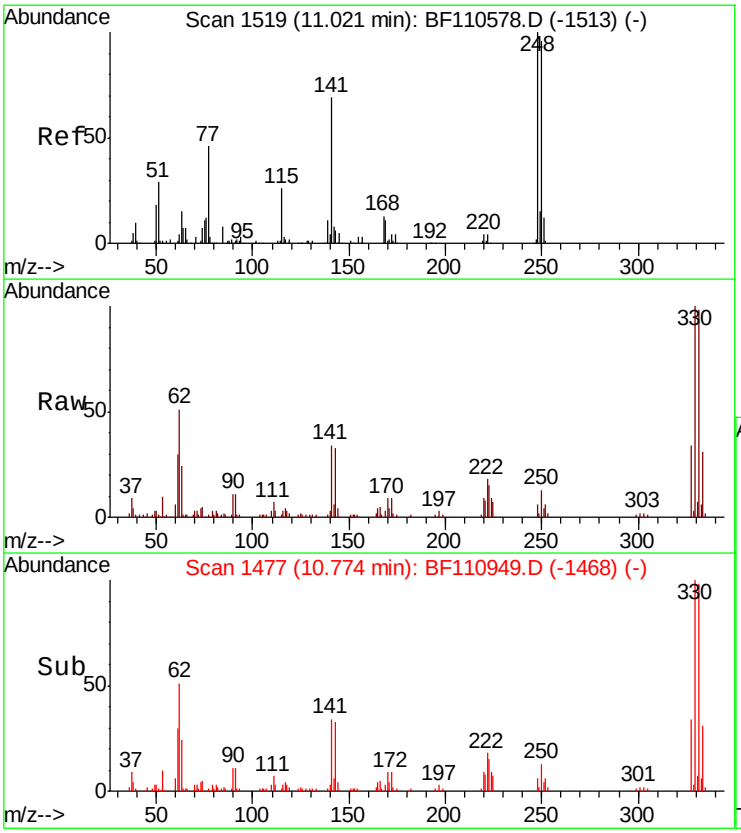
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.47 min Scan# 1596
Delta R.T. -0.01 min
Lab File: BF110949.D
Acq: 23 Nov 2018 17:35

Instrument :
BNA_F
ClientSampleId :
SSSI-1116-S-AB-4

Tgt Ion:188 Resp: 168159

Ion	Ratio	Lower	Upper
188	100		
94	8.3	7.2	10.8
80	8.8	7.9	11.9

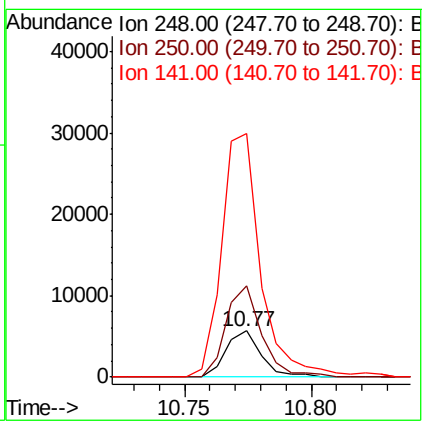


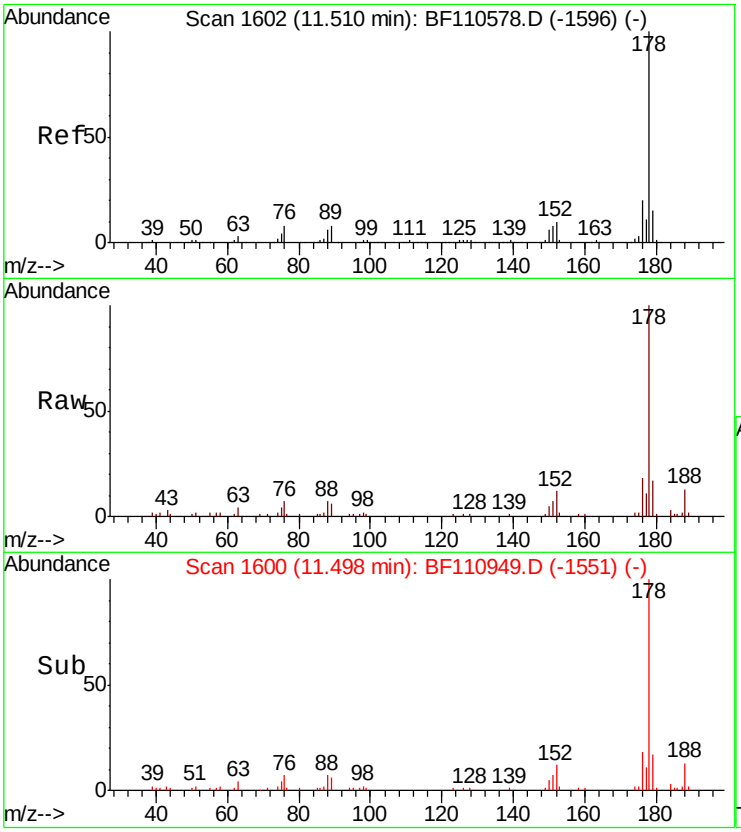


#67
4-Bromophenyl-phenylether
Concen: 2.947 ng
RT: 10.77 min Scan# 1477
Delta R.T. -0.25 min
Lab File: BF110949.D
Acq: 23 Nov 2018 17:35

Tgt Ion:248 Resp: 5477

Ion	Ratio	Lower	Upper
248	100		
250	197.7	79.4	119.2#
141	530.8	55.9	83.9#



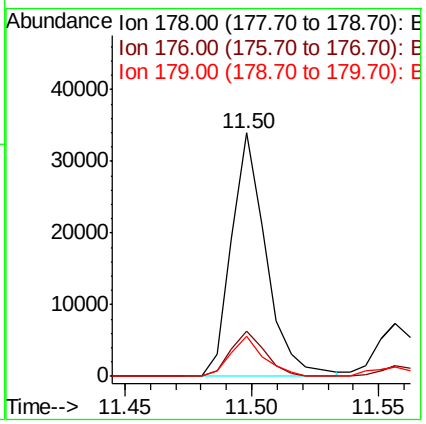


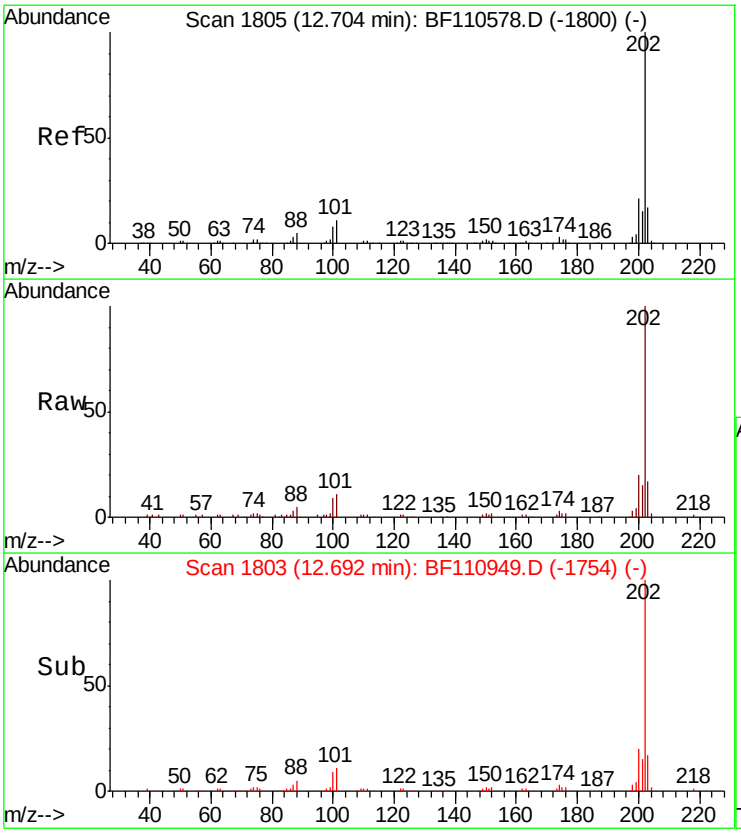
#71
Phenanthrene
Concen: 3.566 ng
RT: 11.50 min Scan# 1600
Delta R.T. -0.01 min
Lab File: BF110949.D
Acq: 23 Nov 2018 17:35

Instrument :
BNA_F
ClientSampleId :
SSSI-1116-S-AB-4

Tgt Ion:178 Resp: 32126

Ion	Ratio	Lower	Upper
178	100		
176	18.4	15.5	23.3
179	16.6	12.5	18.7

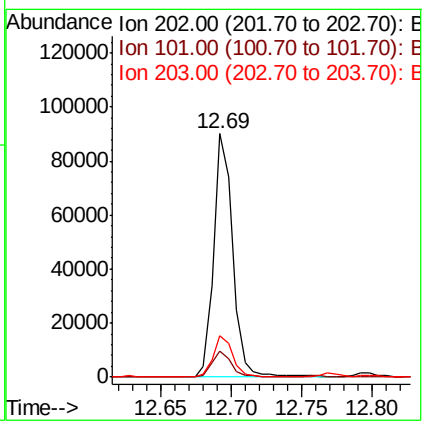


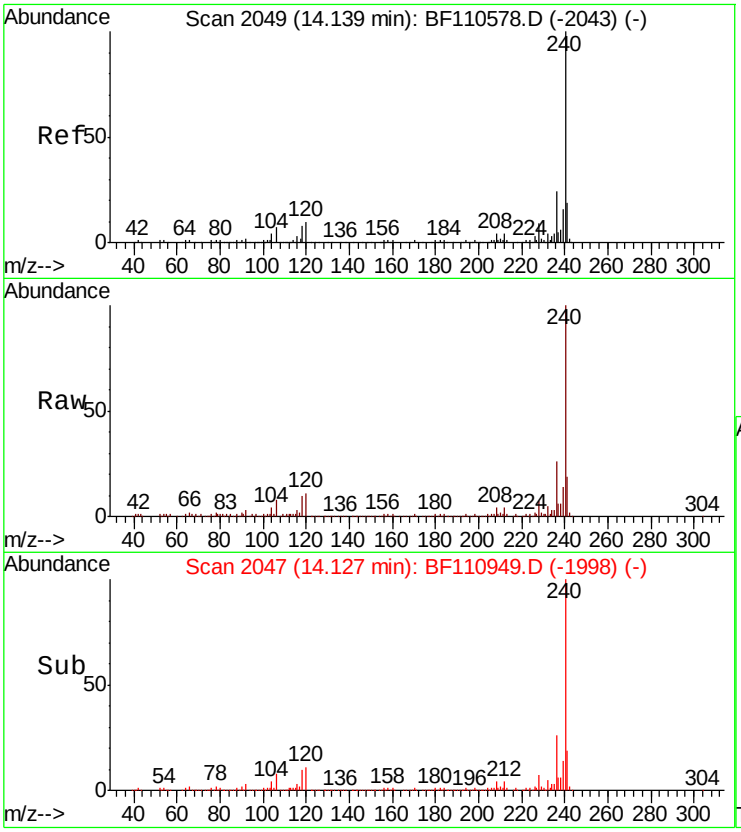


#75
Fluoranthene
Concen: 9.381 ng
RT: 12.69 min Scan# 1803
Delta R.T. -0.01 min
Lab File: BF110949.D
Acq: 23 Nov 2018 17:35

Tgt Ion:202 Resp: 84735

Ion	Ratio	Lower	Upper
202	100		
101	10.6	0.0	31.4
203	17.0	0.0	37.7



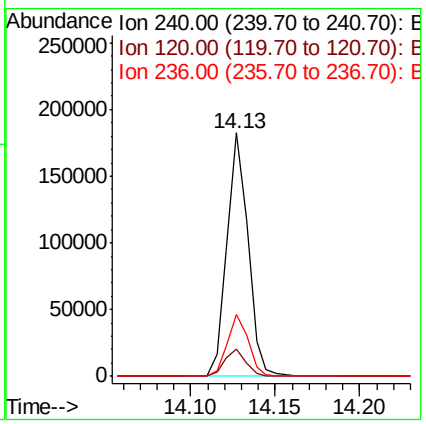


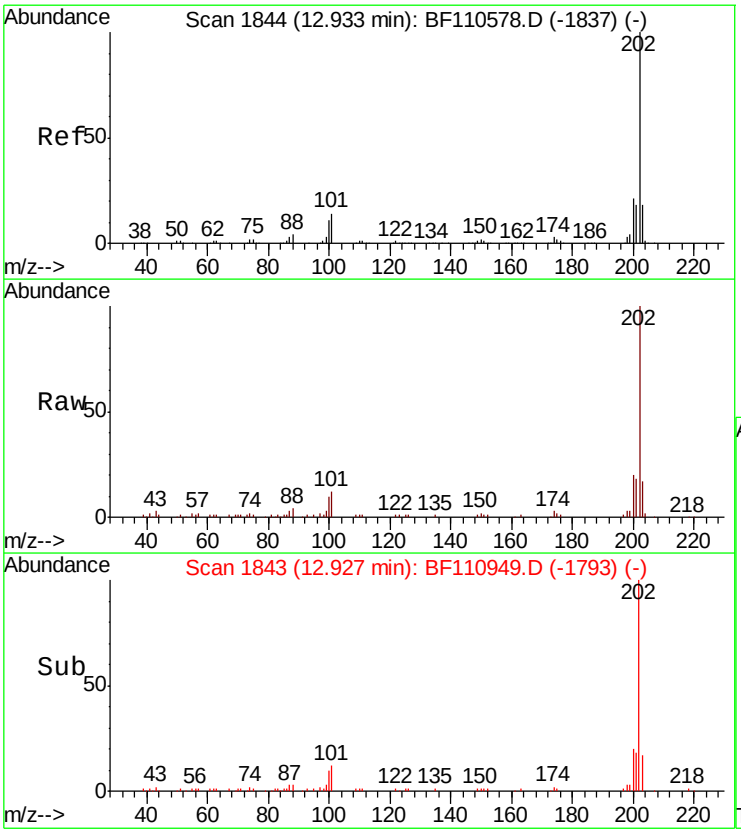
#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.13 min Scan# 2047
Delta R.T. -0.01 min
Lab File: BF110949.D
Acq: 23 Nov 2018 17:35

Instrument :
BNA_F
ClientSampleId :
SSSI-1116-S-AB-4

Tgt Ion:240 Resp: 158340

Ion	Ratio	Lower	Upper
240	100		
120	11.4	8.3	12.5
236	25.6	21.2	31.8

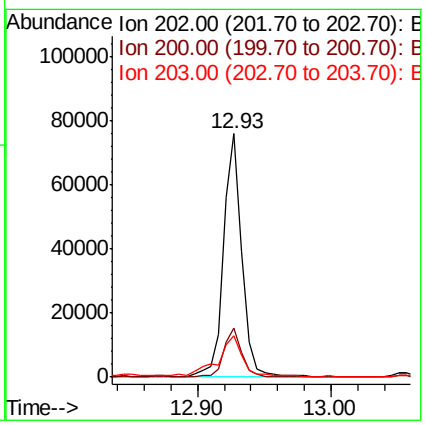


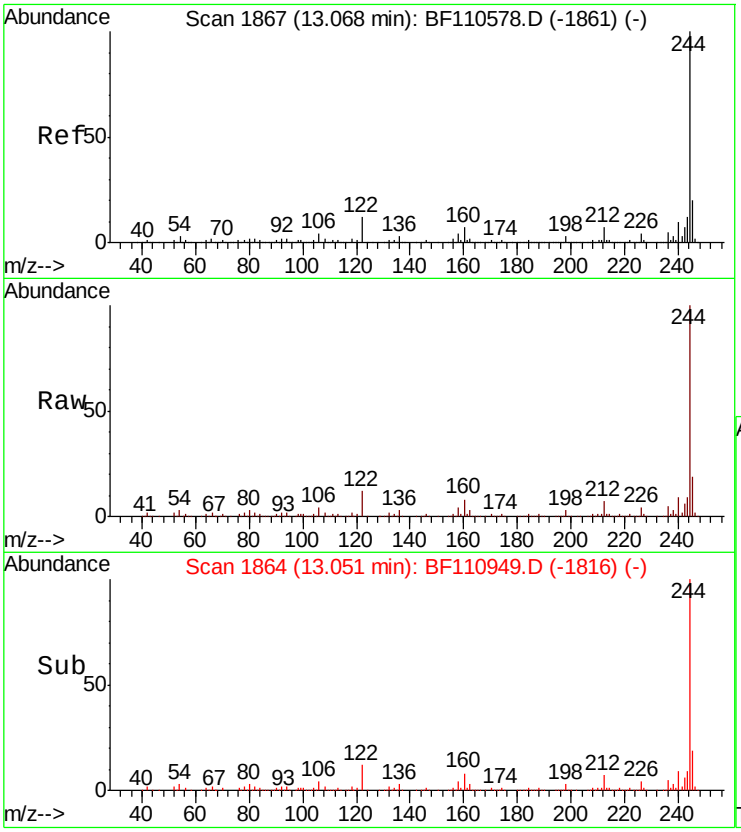


#78
Pyrene
Concen: 6.049 ng
RT: 12.93 min Scan# 1843
Delta R.T. -0.01 min
Lab File: BF110949.D
Acq: 23 Nov 2018 17:35

Tgt Ion:202 Resp: 73749

Ion	Ratio	Lower	Upper
202	100		
200	20.3	17.8	26.6
203	17.1	14.2	21.4



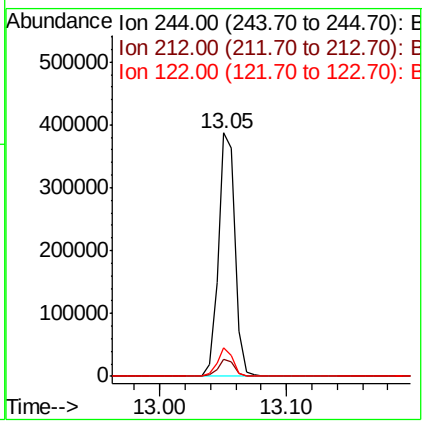


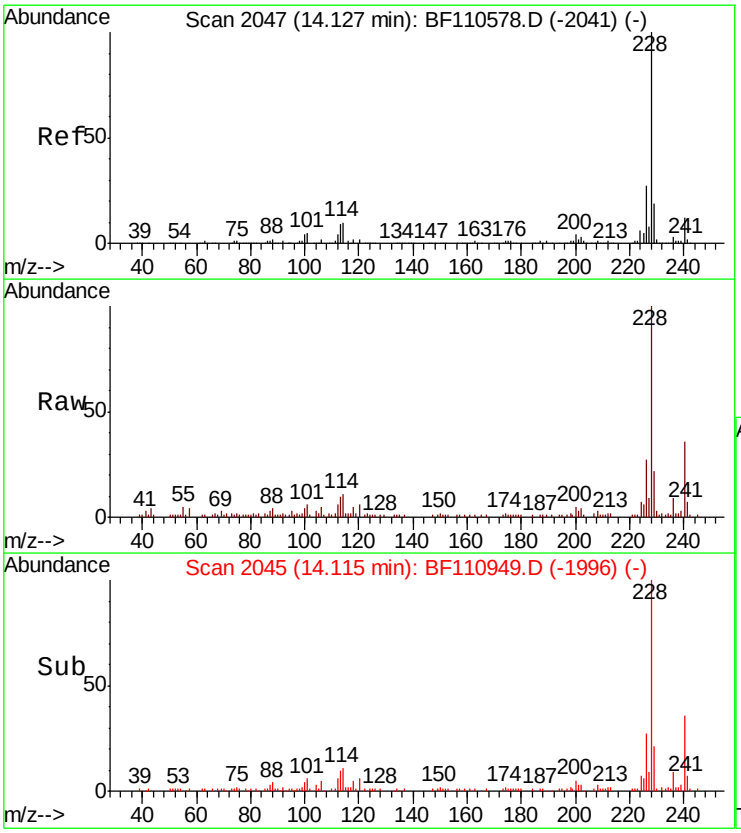
#79
Terphenyl-d14
Concen: 42.071 ng
RT: 13.05 min Scan# 1864
Delta R.T. -0.02 min
Lab File: BF110949.D
Acq: 23 Nov 2018 17:35

Instrument :
BNA_F
ClientSampleId :
SSSI-1116-S-AB-4

Tgt Ion:244 Resp: 355705

Ion	Ratio	Lower	Upper
244	100		
212	6.8	5.8	8.8
122	11.8	8.7	13.1

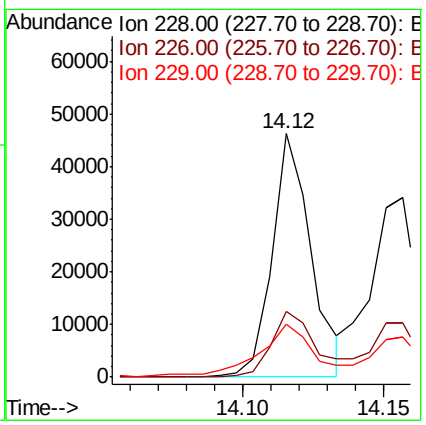


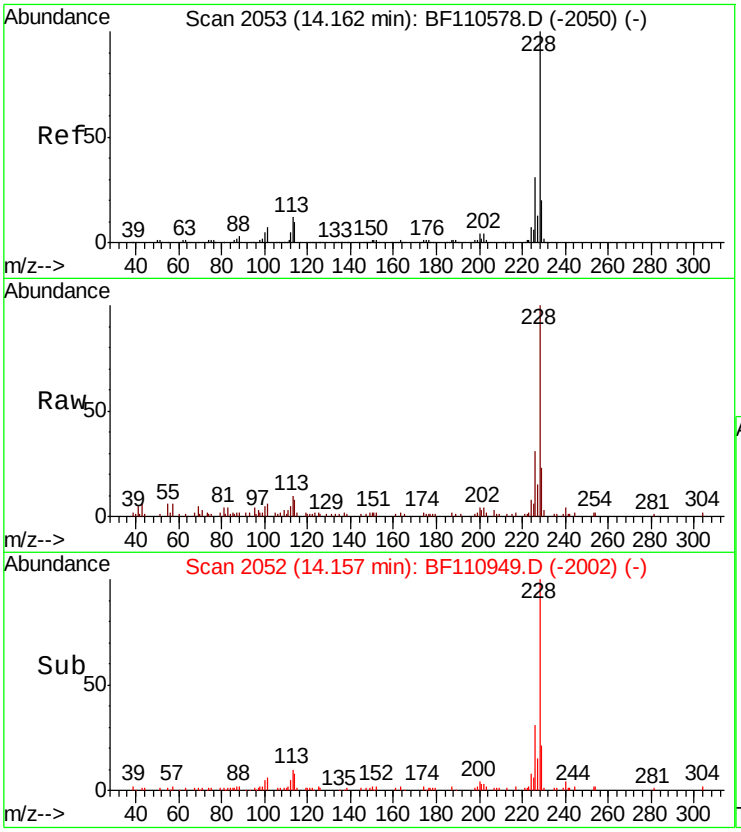


#81
Benzo(a)anthracene
Concen: 4.653 ng
RT: 14.12 min Scan# 2045
Delta R.T. -0.01 min
Lab File: BF110949.D
Acq: 23 Nov 2018 17:35

Tgt Ion:228 Resp: 44039

Ion	Ratio	Lower	Upper
228	100		
226	26.9	22.1	33.1
229	21.6	15.6	23.4



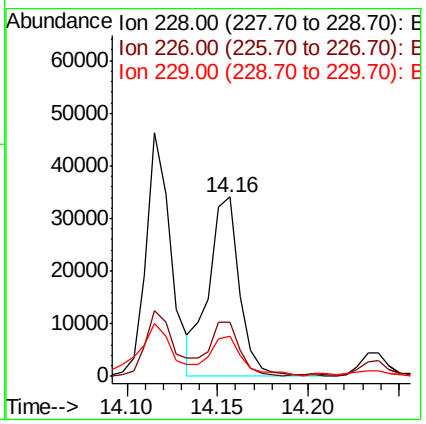


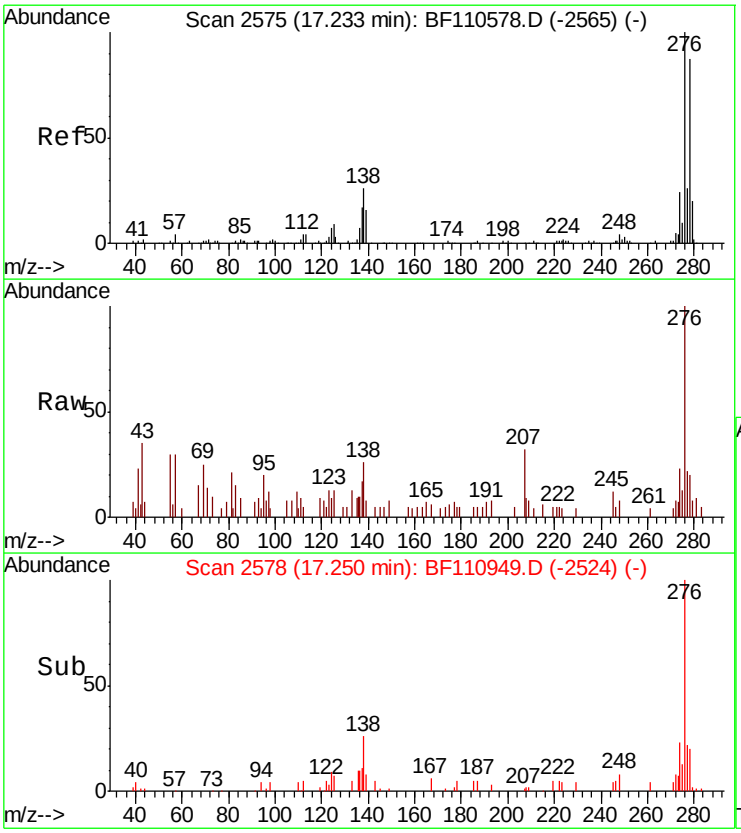
#83
Chrysene
Concen: 4.535 ng
RT: 14.16 min Scan# 2052
Delta R.T. -0.01 min
Lab File: BF110949.D
Acq: 23 Nov 2018 17:35

Instrument :
BNA_F
ClientSampleId :
SSSI-1116-S-AB-4

Tgt Ion:228 Resp: 40890

Ion	Ratio	Lower	Upper
228	100		
226	30.6	24.7	37.1
229	22.5	15.9	23.9

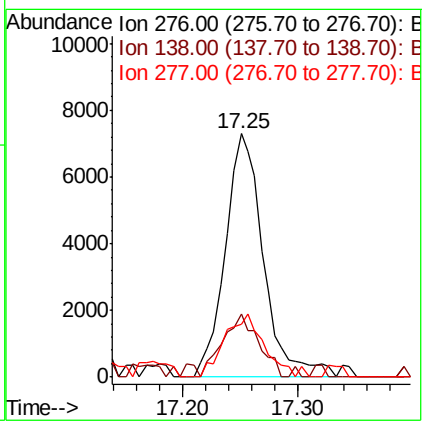


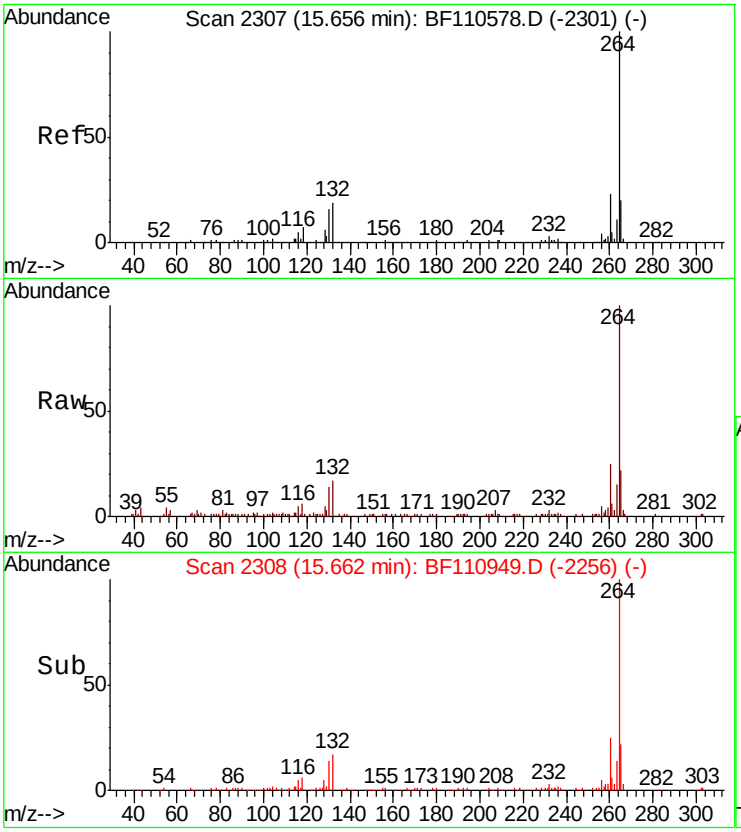


#86
Indeno(1,2,3-cd)pyrene
Concen: 2.586 ng
RT: 17.25 min Scan# 2578
Delta R.T. 0.02 min
Lab File: BF110949.D
Acq: 23 Nov 2018 17:35

Tgt Ion:276 Resp: 16729

Ion	Ratio	Lower	Upper
276	100		
138	24.4	18.5	27.7
277	27.3	20.0	30.0



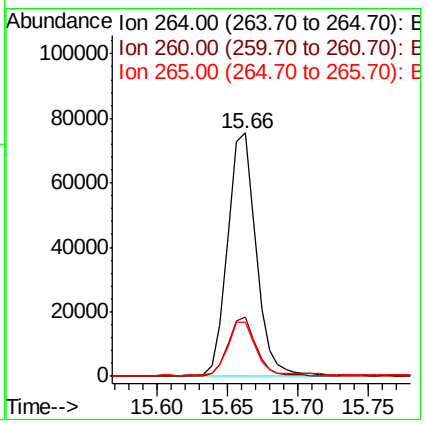


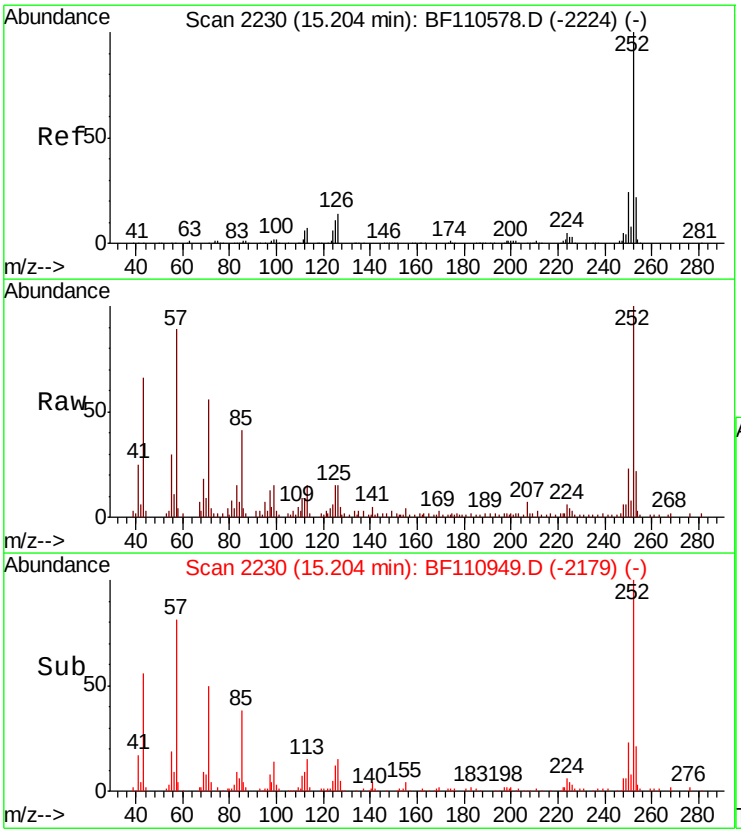
#87
Perylene-d12
Concen: 20.000 ng
RT: 15.66 min Scan# 2308
Delta R.T. 0.01 min
Lab File: BF110949.D
Acq: 23 Nov 2018 17:35

Instrument :
BNA_F
ClientSampleId :
SSSI-1116-S-AB-4

Tgt Ion:264 Resp: 106658

Ion	Ratio	Lower	Upper
264	100		
260	24.5	18.7	28.1
265	22.0	16.7	25.1

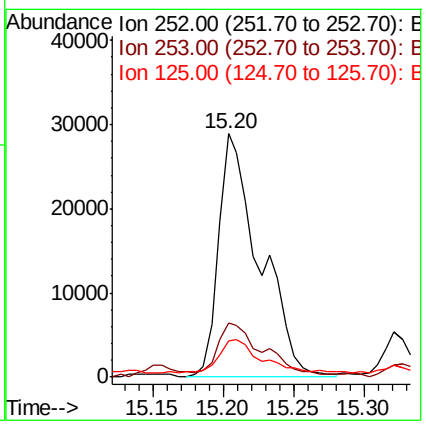


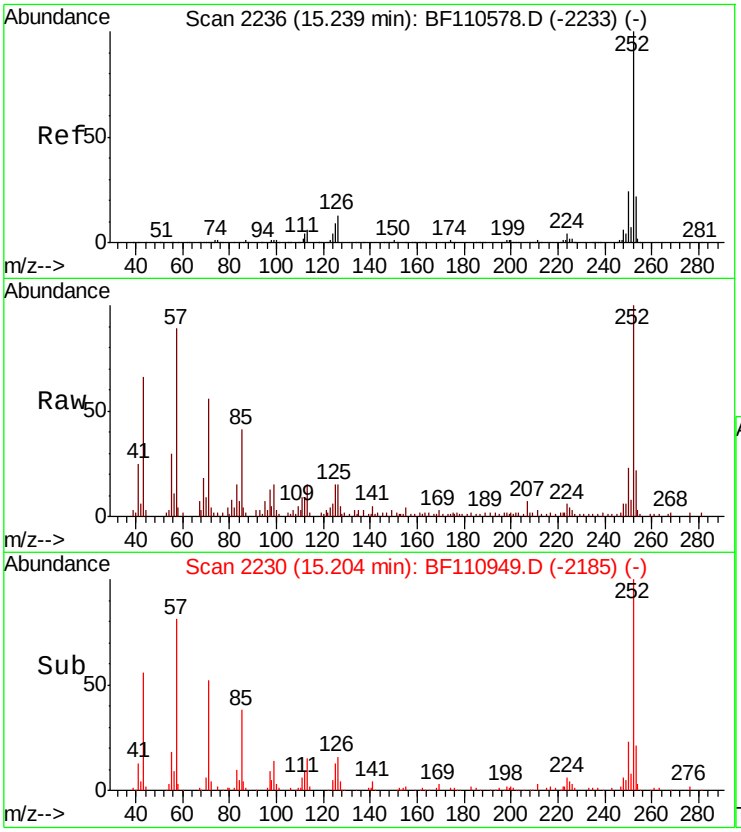


#88
Benzo(b)fluoranthene
Concen: 9.234 ng
RT: 15.20 min Scan# 2230
Delta R.T. -0.00 min
Lab File: BF110949.D
Acq: 23 Nov 2018 17:35

Tgt Ion:252 Resp: 58920

Ion	Ratio	Lower	Upper
252	100		
253	22.3	17.2	25.8
125	15.0	8.2	12.4#



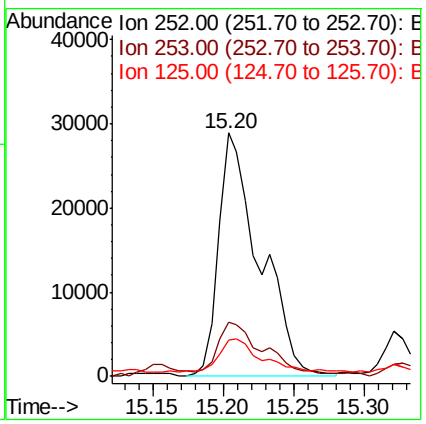


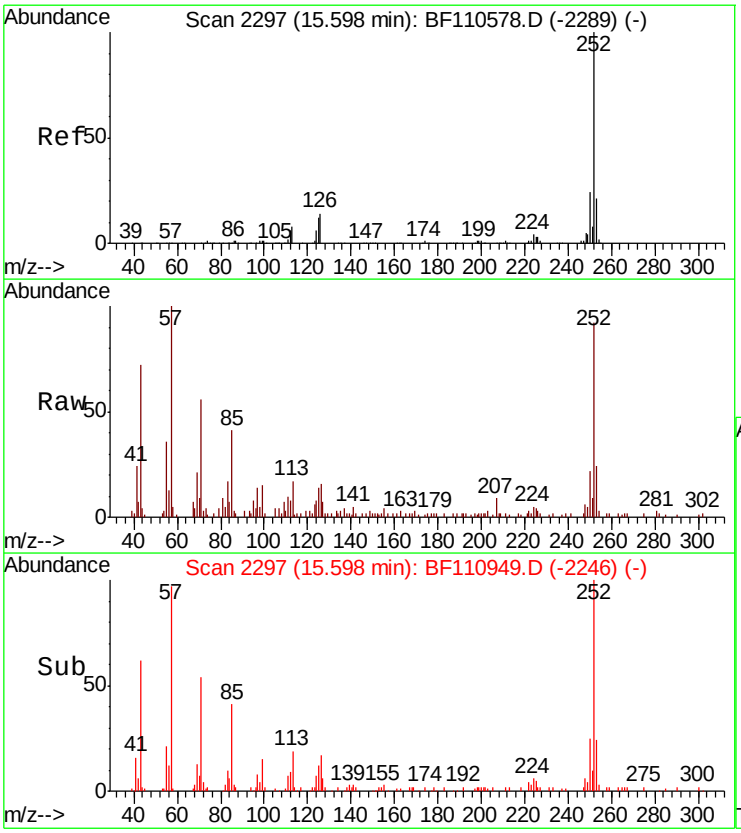
#89
Benzo(k)fluoranthene
Concen: 9.345 ng
RT: 15.20 min Scan# 2230
Delta R.T. -0.04 min
Lab File: BF110949.D
Acq: 23 Nov 2018 17:35

Instrument :
BNA_F
ClientSampleId :
SSSI-1116-S-AB-4

Tgt Ion:252 Resp: 58920

Ion	Ratio	Lower	Upper
252	100		
253	22.3	17.2	25.8
125	15.0	7.4	11.0#

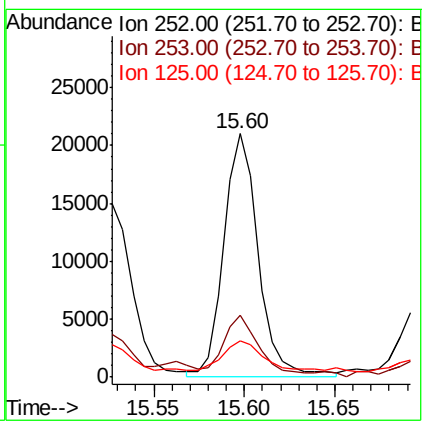


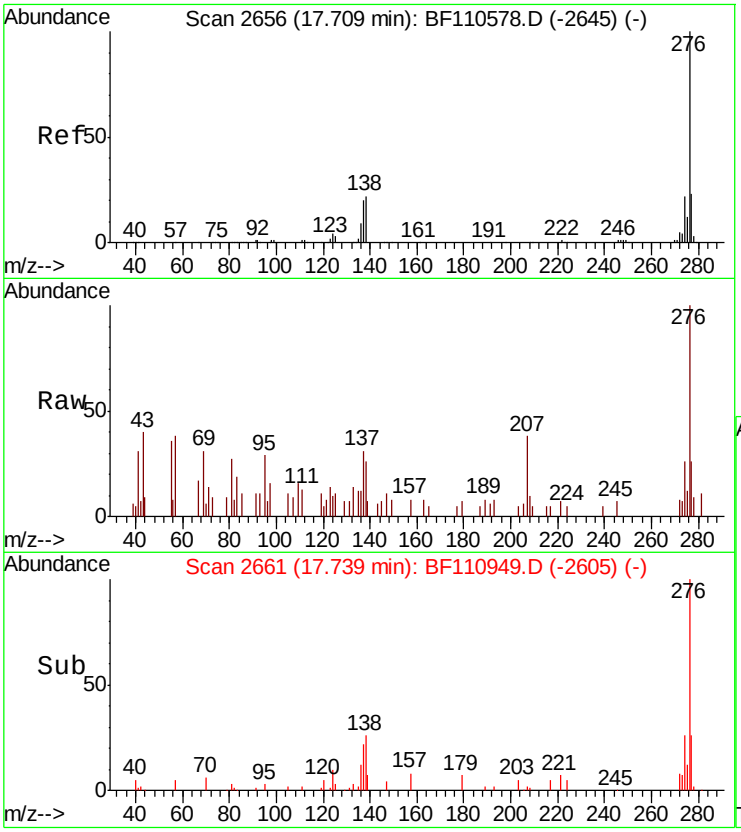


#90
Benzo(a)pyrene
Concen: 4.815 ng
RT: 15.60 min Scan# 2297
Delta R.T. -0.00 min
Lab File: BF110949.D
Acq: 23 Nov 2018 17:35

Tgt Ion:252 Resp: 27912

Ion	Ratio	Lower	Upper
252	100		
253	25.6	18.2	27.4
125	14.8	9.0	13.6#





#92
Benzo(g,h,i)perylene
Concen: 3.305 ng
RT: 17.74 min Scan# 2661
Delta R.T. 0.03 min
Lab File: BF110949.D
Acq: 23 Nov 2018 17:35

Instrument :
BNA_F
ClientSampleId :
SSSI-1116-S-AB-4

Tgt Ion:276 Resp: 16088

Ion	Ratio	Lower	Upper
276	100		
277	26.2	18.8	28.2
138	26.4	16.0	24.0#