Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF111318\
Data File : BF110733.D
Acq On : 13 Nov 2018 21:44
Operator : JU/SJ
Sample : J5908-23 2X
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SR-7-S

Quant Time: Nov 14 04:30:46 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	6.95	152	91006	20.00	ng		0.00
21) Naphthalene-d8	8.23	136	356914	20.00	ng		0.00
39) Acenaphthene-d10	9.99	164	141424	20.00	ng		0.00
64) Phenanthrene-d10	11.48	188	221645	20.00	ng		0.00
76) Chrysene-d12	14.13	240	182505	20.00	ng		-0.01
87) Perylene-d12	15.66	264	128836	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.56	112	267031	47.66	ng		0.00
7) Phenol-d6	6.56	99	332160	46.36	ng		-0.01
23) Nitrobenzene-d5	7.50	82	202095	32.61	ng		-0.01
42) 2,4,6-Tribromophenol	10.78	330	56222	39.45	ng		0.00
45) 2-Fluorobiphenyl	9.30	172	325315	32.85	ng		0.00
79) Terphenyl-d14	13.06	244	230601	23.66	ng		-0.01
Target Compounds							Qvalue
9) Benzaldehyde	6.56	77	402	Below Cal		#	1
19) n-Nitroso-di-n-propylamine	7.50	70	25919	5.667	ng	#	82
25) Isophorone	7.50	82	202093	19.895	ng	#	67
51) 2,6-Dinitrotoluene	9.98	165	17957	7.735	ng	#	21
57) 2,4-Dinitrotoluene	9.98	165	17957	5.949	ng	#	17
75) Fluoranthene	12.70	202	97196	8.164	ng		97
78) Pyrene	12.93	202	89413	6.363	ng		98
81) Benzo(a)anthracene	14.12	228	45184	4.142	ng		98
83) Chrysene	14.16	228	42197	4.060	ng		97
86) Indeno(1,2,3-cd)pyrene	17.23	276	22159	2.971	ng		91
88) Benzo(b)fluoranthene	15.20	252	72297	9.380	ng	#	92
89) Benzo(k)fluoranthene	15.20	252	72297	9.493	ng	#	91
90) Benzo(a)pyrene	15.59	252	34105	4.870	ng	#	94
92) Benzo(g,h,i)perylene	17.71	276	21524	3.661	ng	#	89

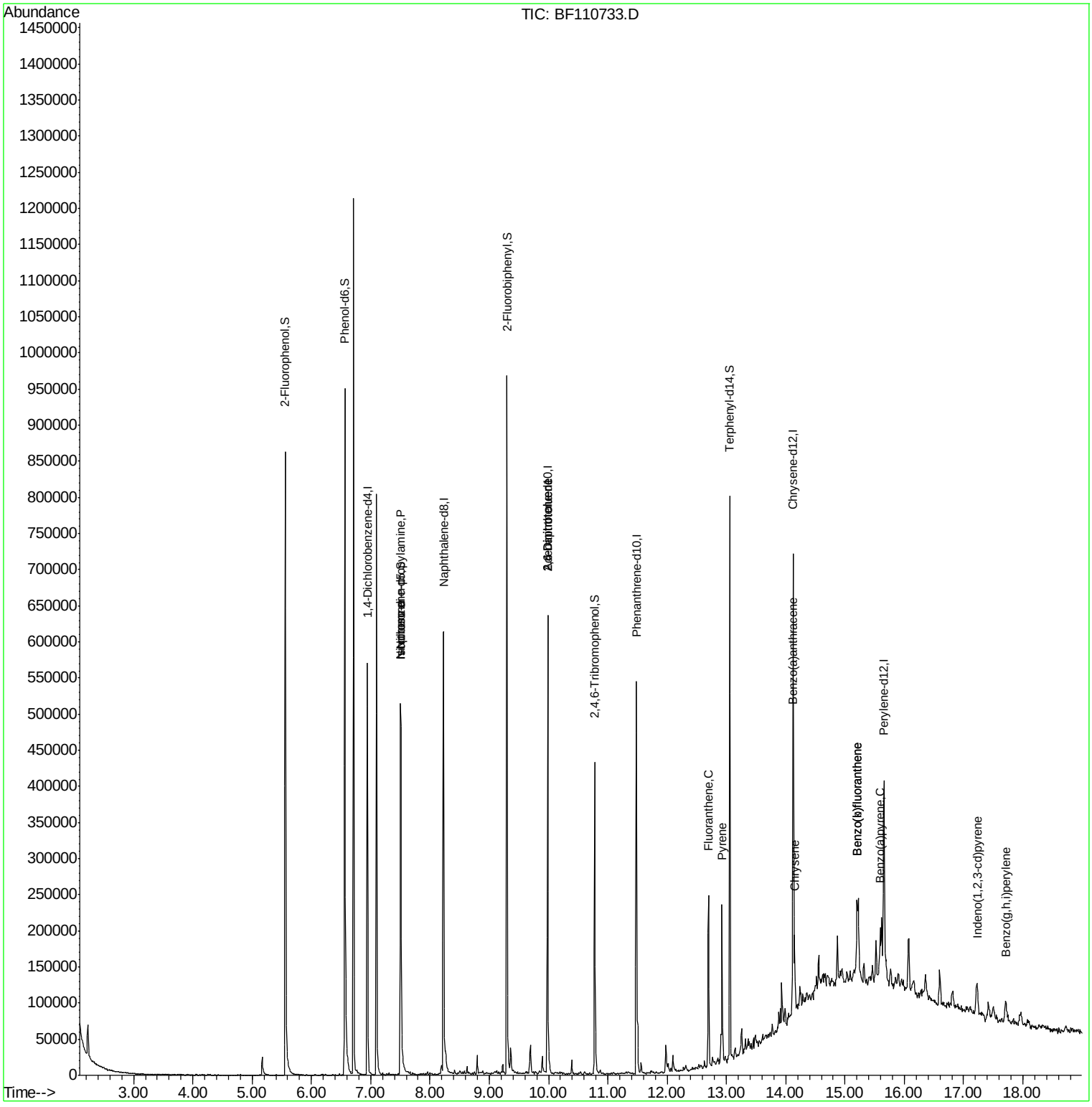
(#) = qualifier out of range (m) = manual integration (+) = signals summed

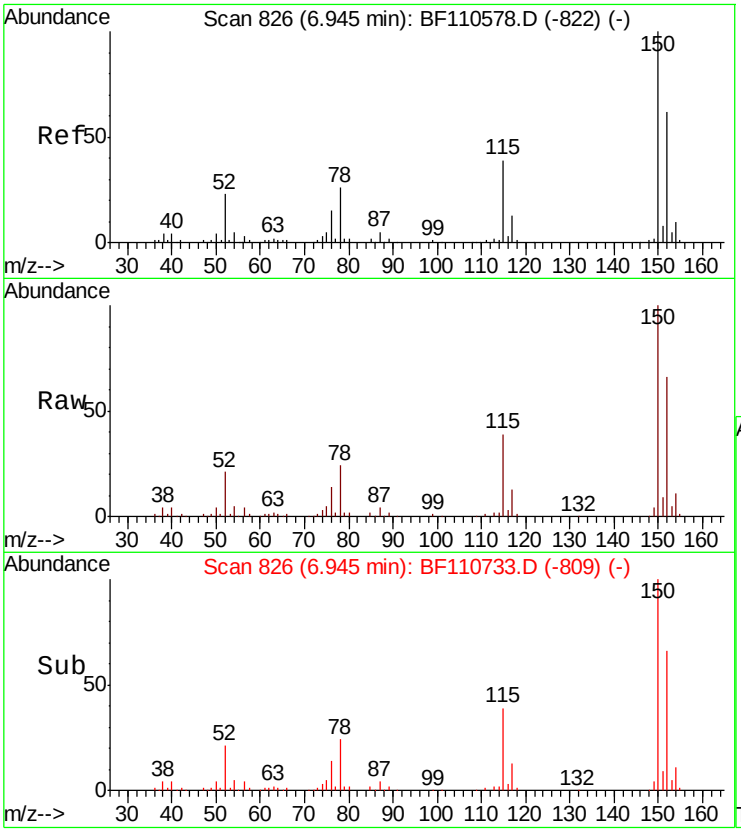
Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF111318\
Data File : BF110733.D
Acq On : 13 Nov 2018 21:44
Operator : JU/SJ
Sample : J5908-23 2X
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SR-7-S

Quant Time: Nov 14 04:30:46 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



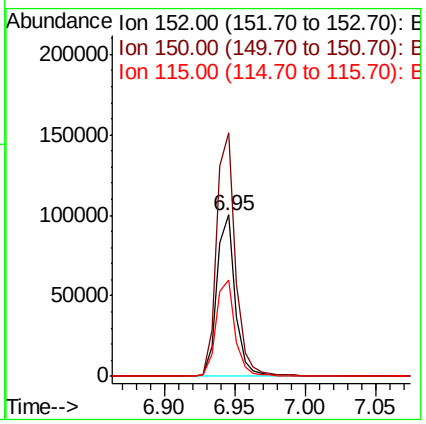


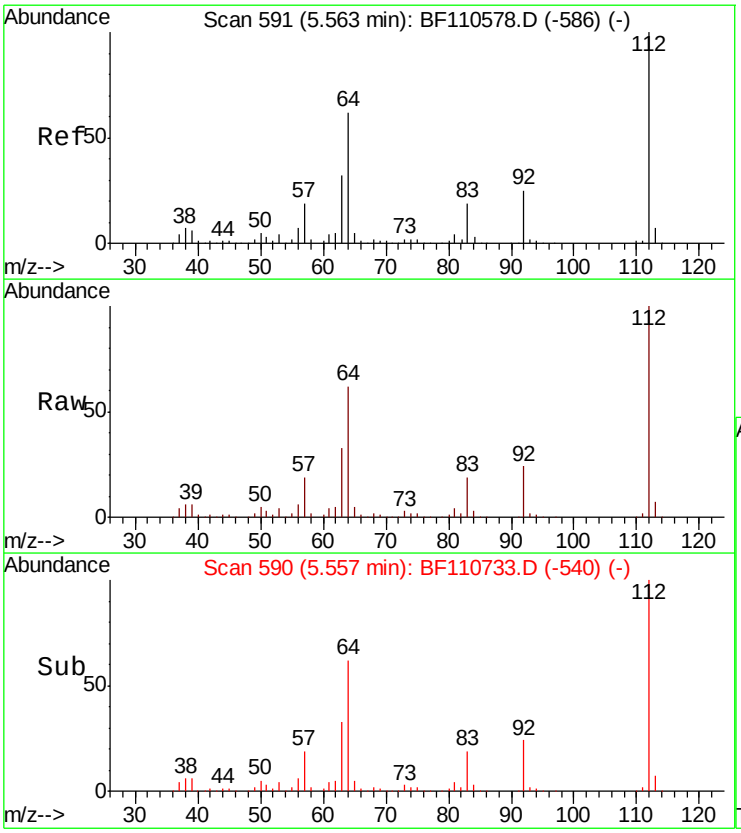
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.95 min Scan# 826
Delta R.T. 0.00 min
Lab File: BF110733.D
Acq: 13 Nov 2018 21:44

Instrument :
BNA_F
ClientSampleId :
SR-7-S

Tgt Ion:152 Resp: 91006

Ion	Ratio	Lower	Upper
152	100		
150	150.9	122.7	184.1
115	59.6	49.1	73.7

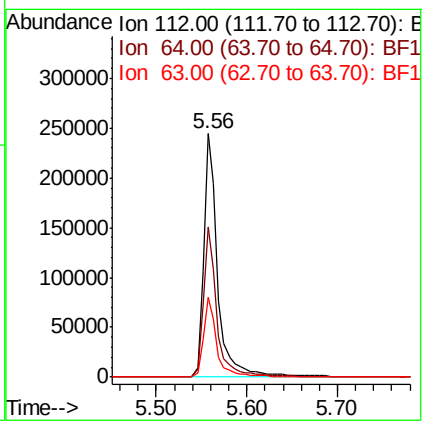


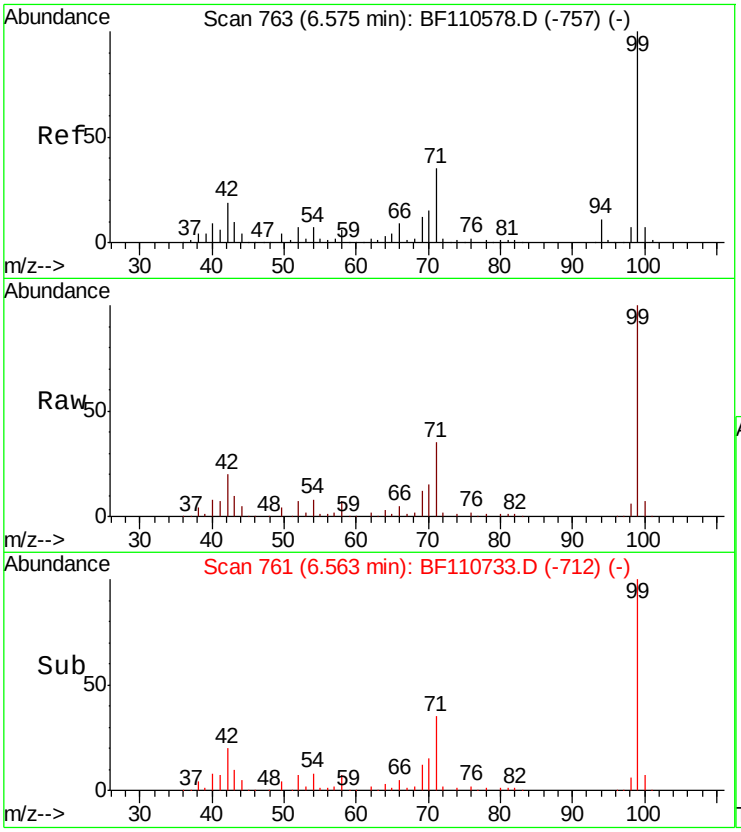


#5
2-Fluorophenol
Concen: 47.661 ng
RT: 5.56 min Scan# 590
Delta R.T. -0.01 min
Lab File: BF110733.D
Acq: 13 Nov 2018 21:44

Tgt Ion:112 Resp: 267031

Ion	Ratio	Lower	Upper
112	100		
64	61.6	44.1	66.1
63	32.6	23.7	35.5



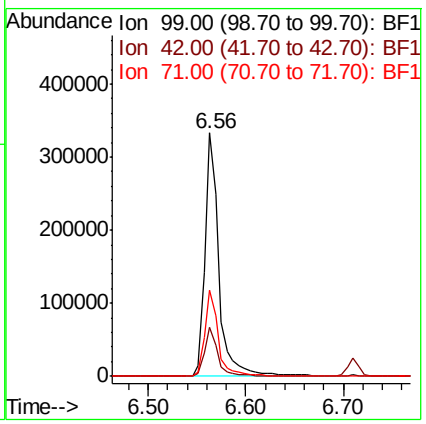


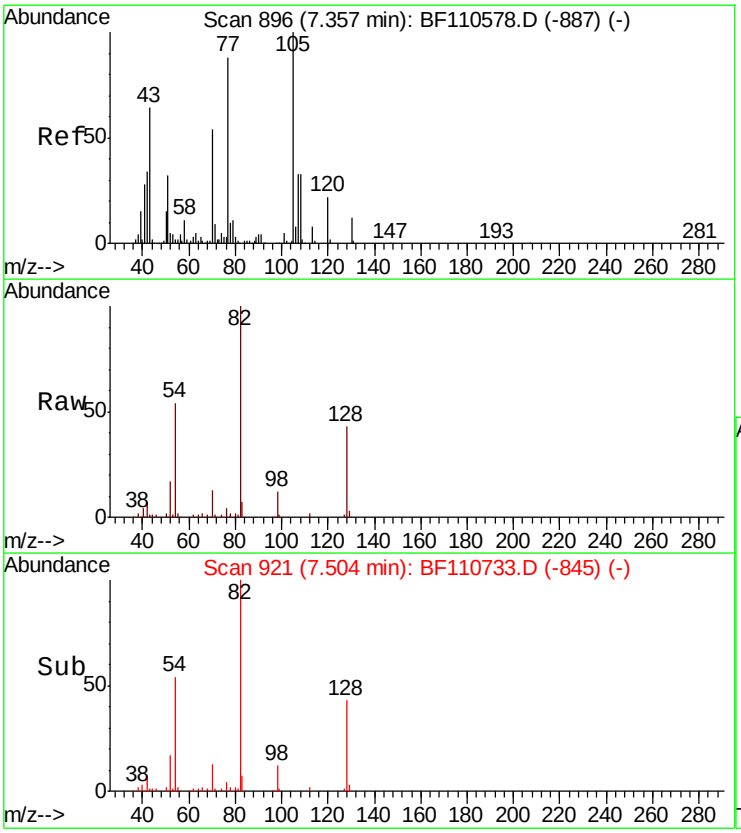
#7
Phenol-d6
Concen: 46.362 ng
RT: 6.56 min Scan# 761
Delta R.T. -0.01 min
Lab File: BF110733.D
Acq: 13 Nov 2018 21:44

Instrument :
BNA_F
ClientSampleId :
SR-7-S

Tgt Ion: 99 Resp: 332160

Ion	Ratio	Lower	Upper
99	100		
42	20.1	15.8	23.6
71	35.5	28.0	42.0

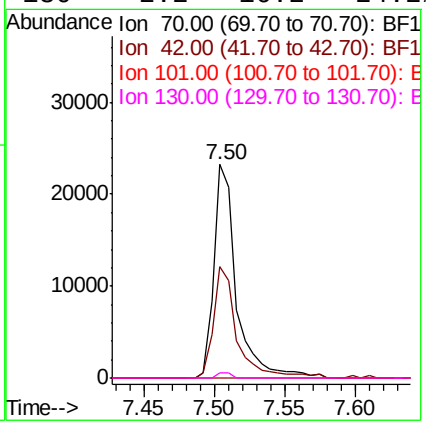


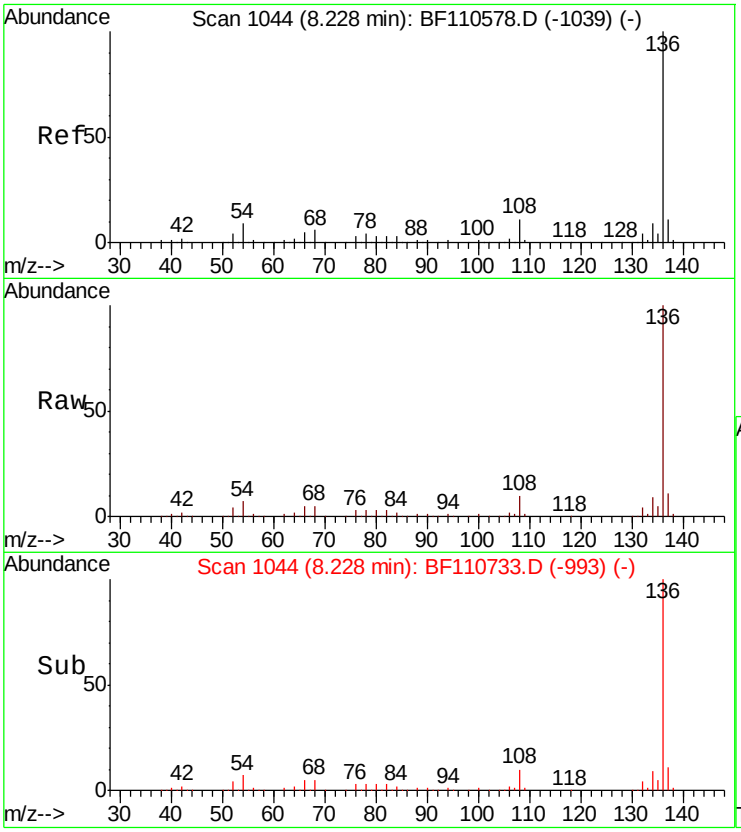


#19
n-Nitroso-di-n-propylamine
Concen: 5.667 ng
RT: 7.50 min Scan# 921
Delta R.T. 0.15 min
Lab File: BF110733.D
Acq: 13 Nov 2018 21:44

Tgt Ion: 70 Resp: 25919

Ion	Ratio	Lower	Upper
70	100		
42	51.9	47.4	71.2
101	0.0	7.3	10.9#
130	2.2	16.2	24.2#



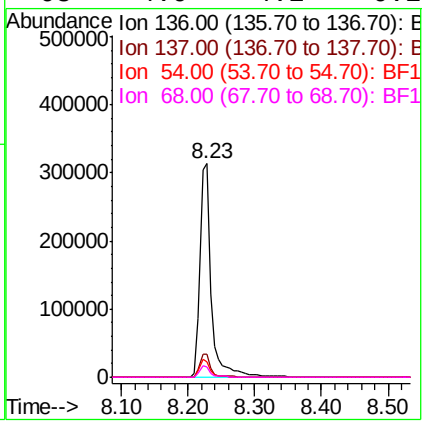


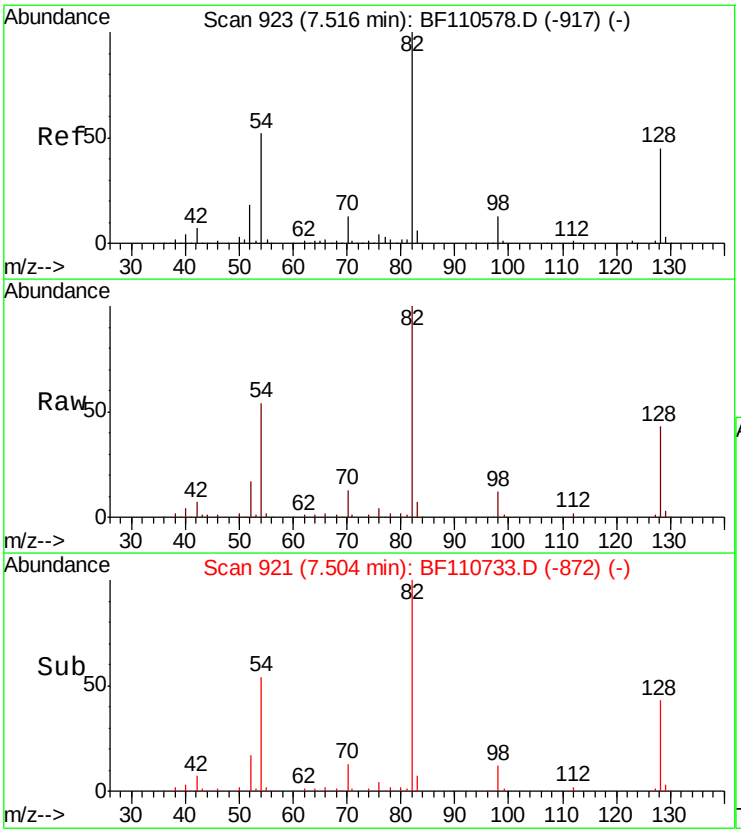
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.23 min Scan# 1044
Delta R.T. 0.00 min
Lab File: BF110733.D
Acq: 13 Nov 2018 21:44

Instrument :
BNA_F
ClientSampleId :
SR-7-S

Tgt Ion:136 Resp: 356914

Ion	Ratio	Lower	Upper
136	100		
137	10.6	8.8	13.2
54	7.2	5.4	8.2
68	4.9	4.2	6.2

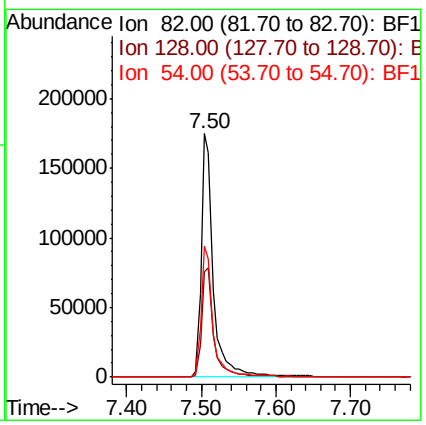


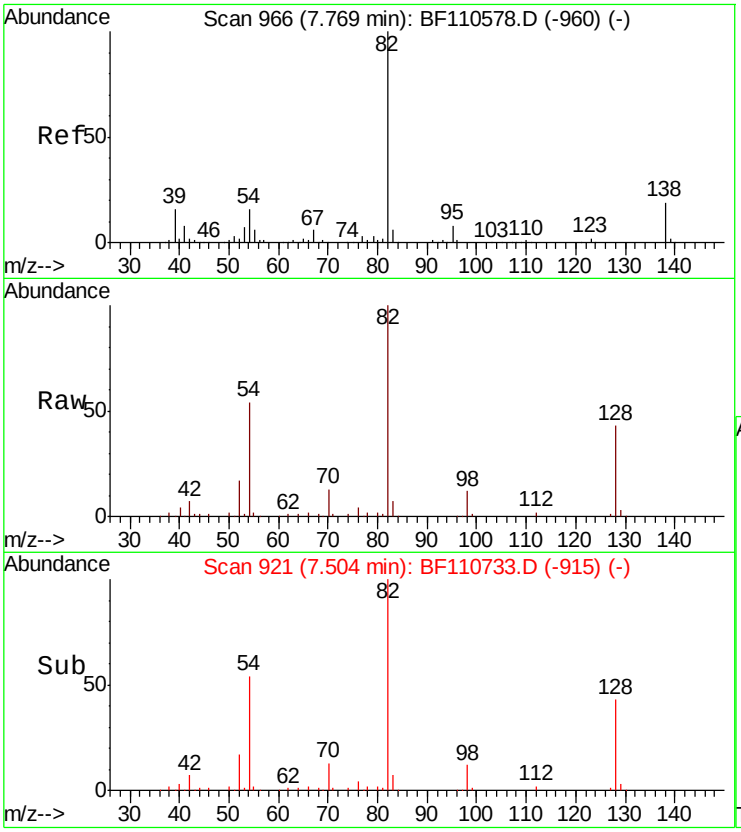


#23
Nitrobenzene-d5
Concen: 32.609 ng
RT: 7.50 min Scan# 921
Delta R.T. -0.01 min
Lab File: BF110733.D
Acq: 13 Nov 2018 21:44

Tgt Ion: 82 Resp: 202095

Ion	Ratio	Lower	Upper
82	100		
128	43.3	34.2	51.2
54	54.0	38.6	58.0



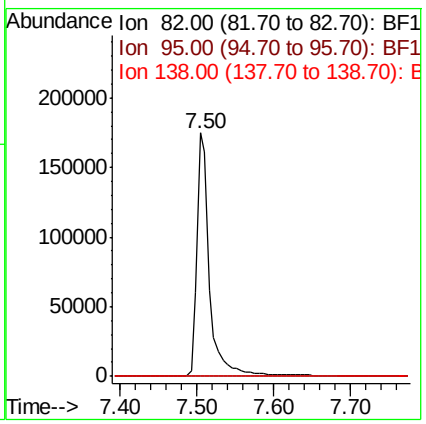


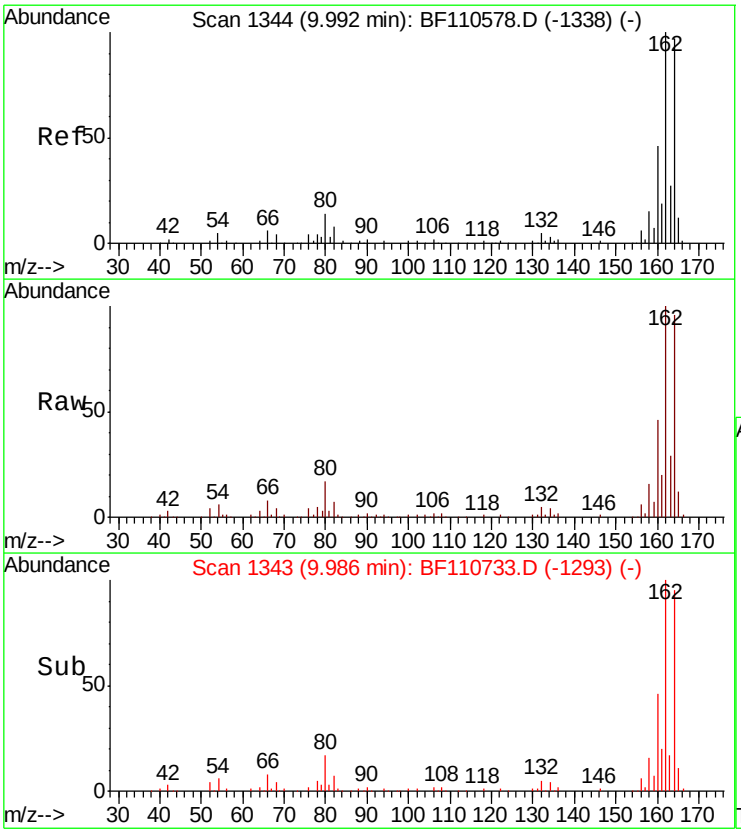
#25
Isophorone
Concen: 19.895 ng
RT: 7.50 min Scan# 921
Delta R.T. -0.26 min
Lab File: BF110733.D
Acq: 13 Nov 2018 21:44

Instrument :
BNA_F
ClientSampleId :
SR-7-S

Tgt Ion: 82 Resp: 202093

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

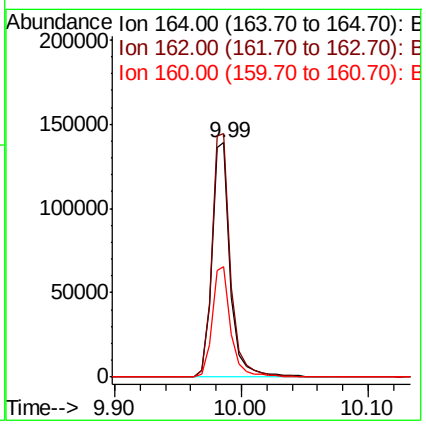


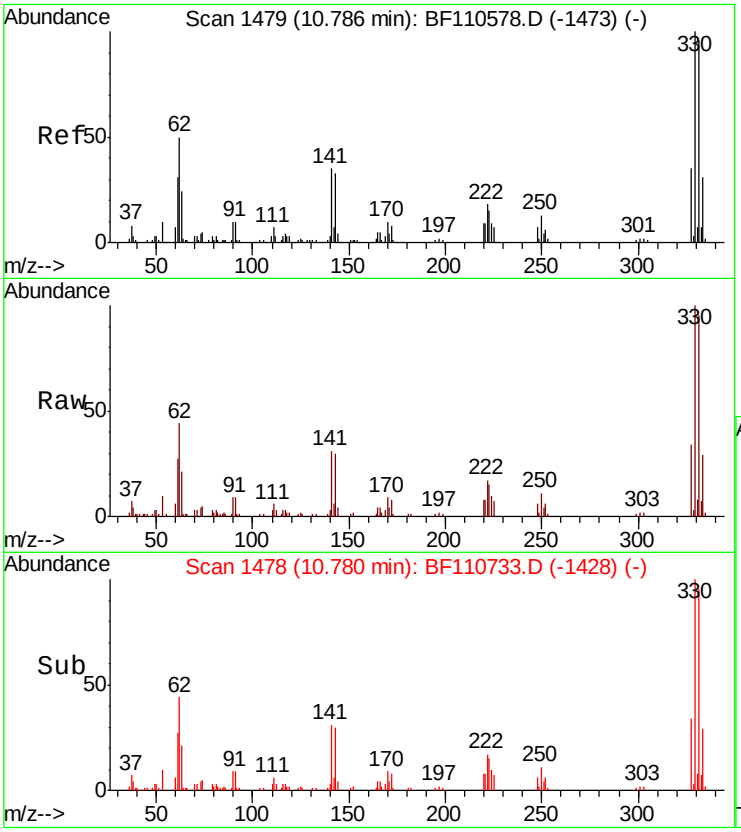


#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.99 min Scan# 1343
Delta R.T. -0.01 min
Lab File: BF110733.D
Acq: 13 Nov 2018 21:44

Tgt Ion:164 Resp: 141424

Ion	Ratio	Lower	Upper
164	100		
162	103.8	83.0	124.6
160	47.3	37.0	55.6



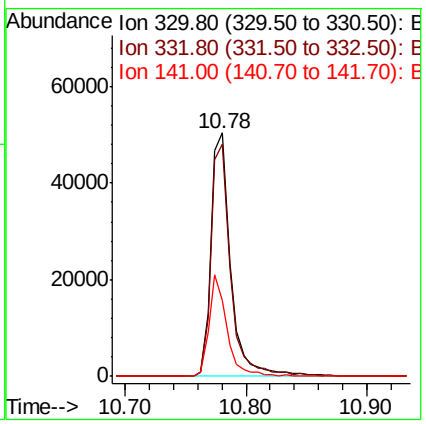


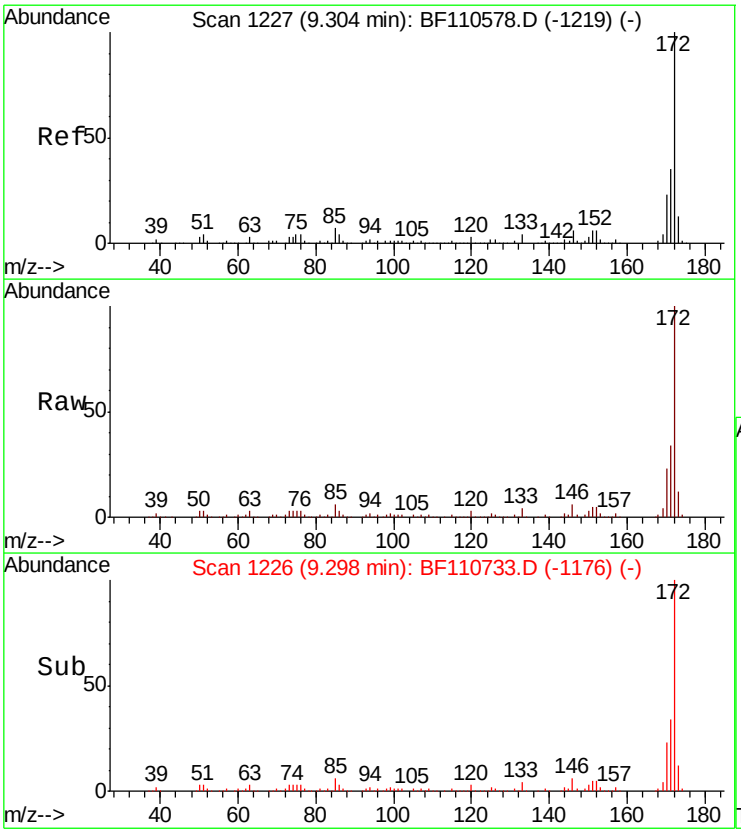
#42
2,4,6-Tribromophenol
Concen: 39.453 ng
RT: 10.78 min Scan# 1478
Delta R.T. -0.01 min
Lab File: BF110733.D
Acq: 13 Nov 2018 21:44

Instrument :
BNA_F
ClientSampleId :
SR-7-S

Tgt Ion:330 Resp: 56222

Ion	Ratio	Lower	Upper
330	100		
332	94.8	77.1	115.7
141	37.9	27.0	40.4

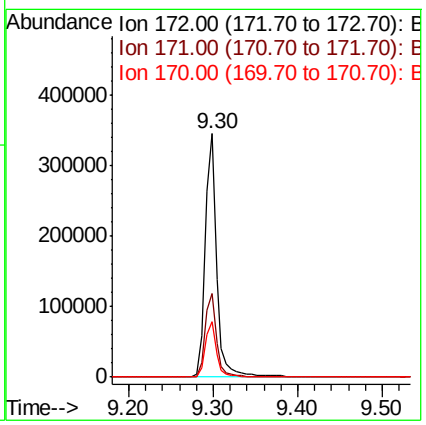


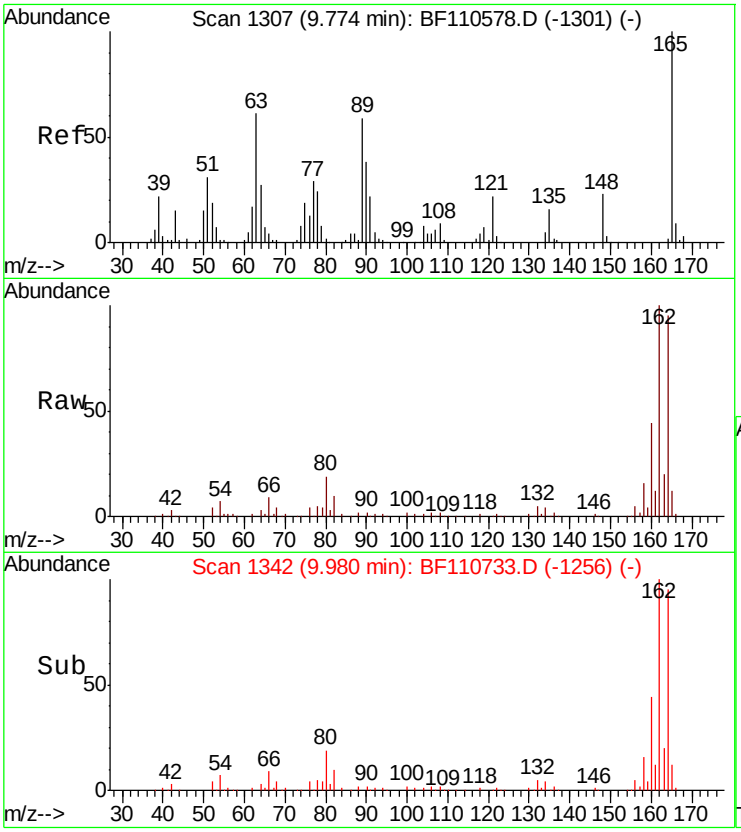


#45
2-Fluorobiphenyl
Concen: 32.852 ng
RT: 9.30 min Scan# 1226
Delta R.T. -0.01 min
Lab File: BF110733.D
Acq: 13 Nov 2018 21:44

Tgt Ion:172 Resp: 325315

Ion	Ratio	Lower	Upper
172	100		
171	34.2	28.6	43.0
170	22.6	19.7	29.5



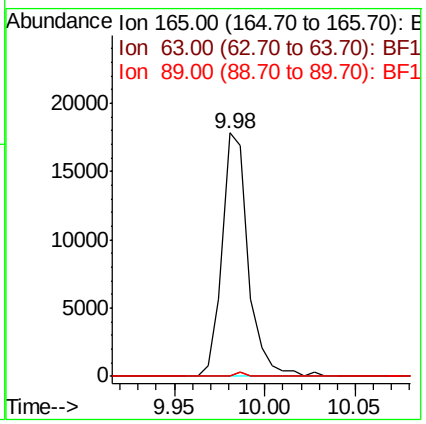


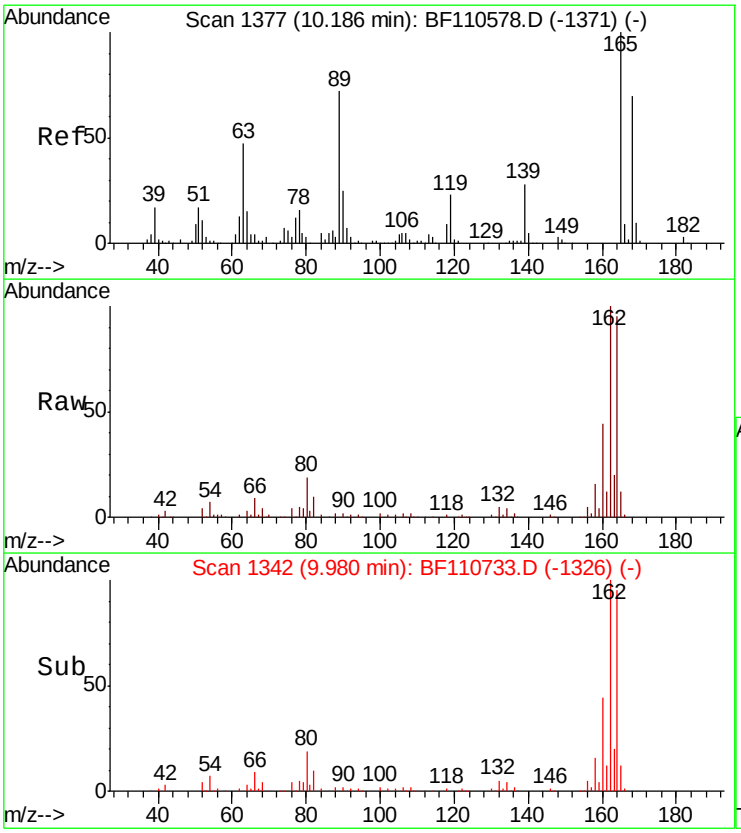
#51
2,6-Dinitrotoluene
Concen: 7.735 ng
RT: 9.98 min Scan# 1342
Delta R.T. 0.21 min
Lab File: BF110733.D
Acq: 13 Nov 2018 21:44

Instrument :
BNA_F
ClientSampleId :
SR-7-S

Tgt Ion:165 Resp: 17957

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

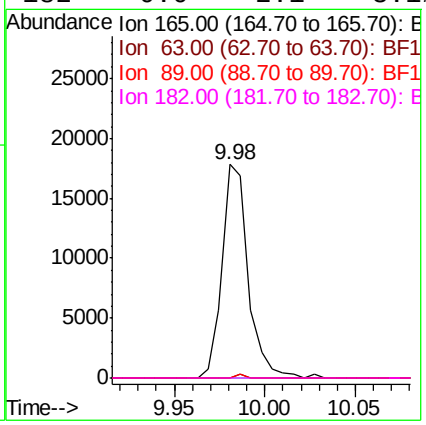


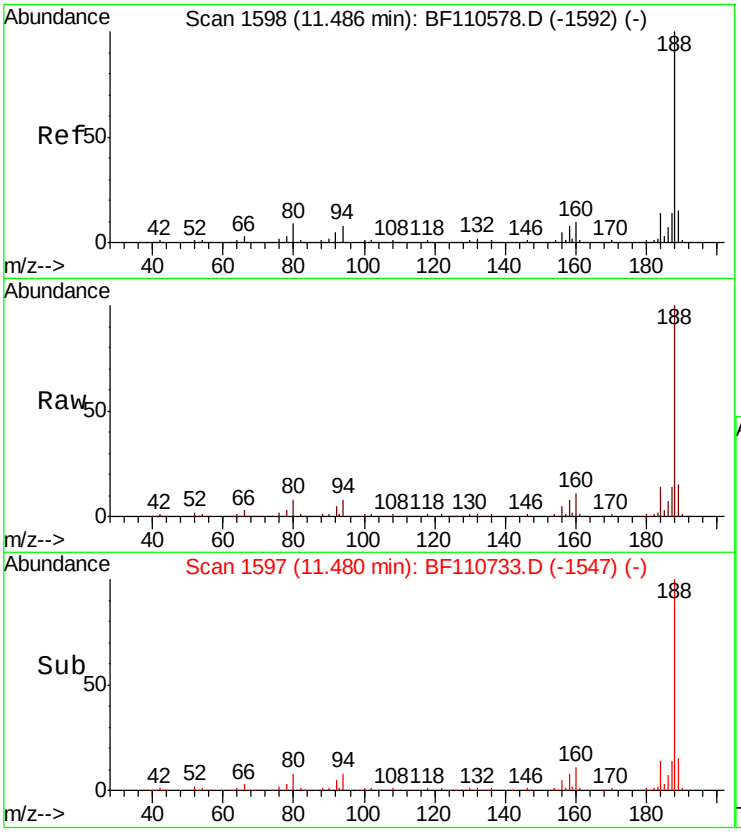


#57
2,4-Dinitrotoluene
Concen: 5.949 ng
RT: 9.98 min Scan# 1342
Delta R.T. -0.21 min
Lab File: BF110733.D
Acq: 13 Nov 2018 21:44

Tgt Ion:165 Resp: 17957

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#



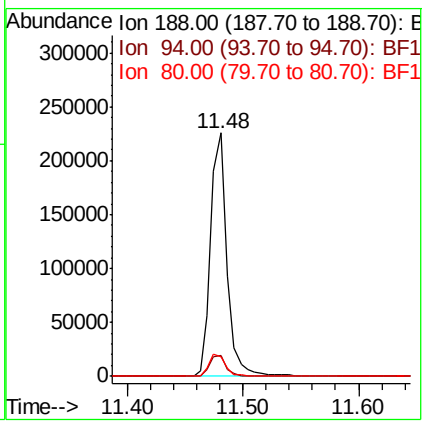


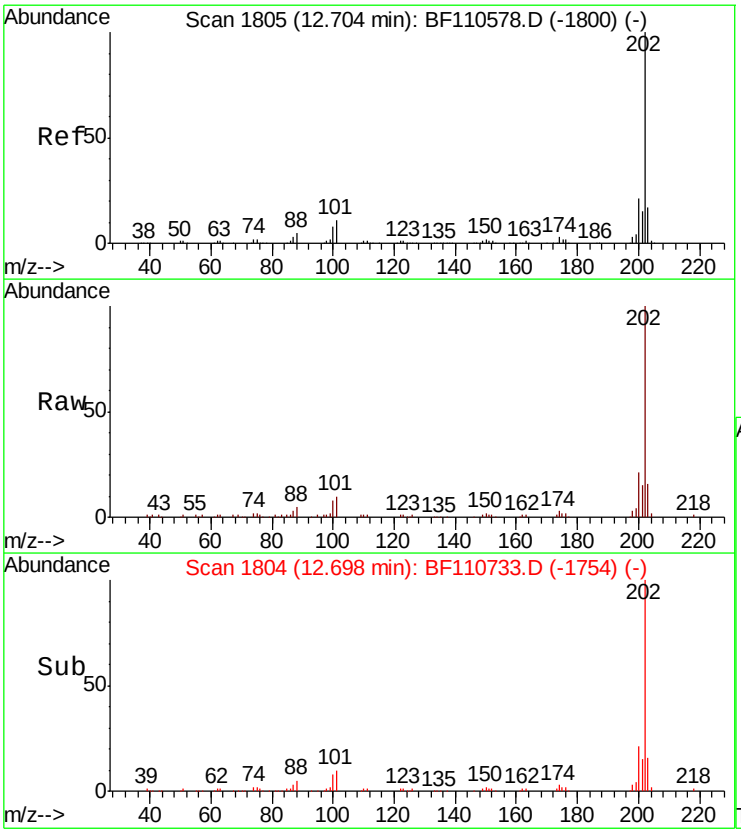
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.48 min Scan# 1597
Delta R.T. -0.01 min
Lab File: BF110733.D
Acq: 13 Nov 2018 21:44

Instrument :
BNA_F
ClientSampleId :
SR-7-S

Tgt Ion:188 Resp: 221645

Ion	Ratio	Lower	Upper
188	100		
94	8.5	7.2	10.8
80	8.3	7.9	11.9

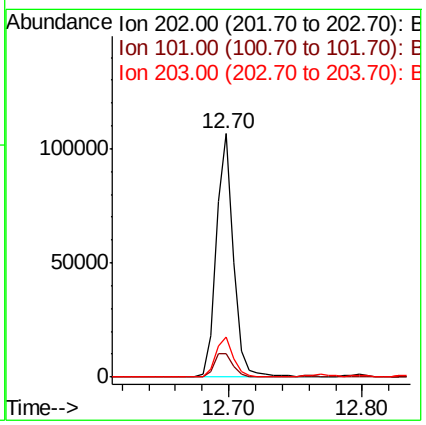


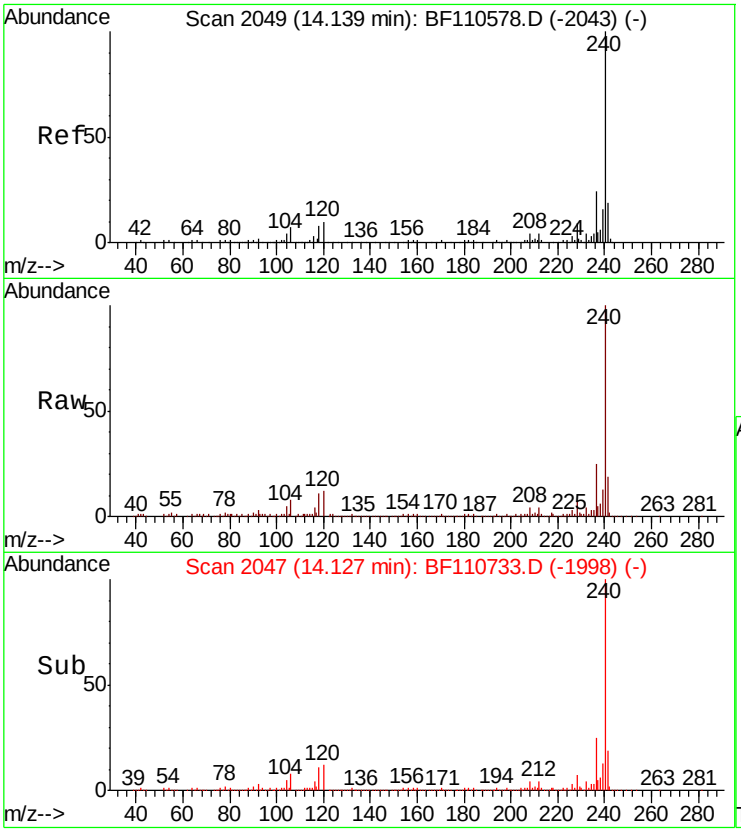


#75
Fluoranthene
Concen: 8.164 ng
RT: 12.70 min Scan# 1804
Delta R.T. -0.01 min
Lab File: BF110733.D
Acq: 13 Nov 2018 21:44

Tgt Ion:202 Resp: 97196

Ion	Ratio	Lower	Upper
202	100		
101	9.9	0.0	31.4
203	16.5	0.0	37.7



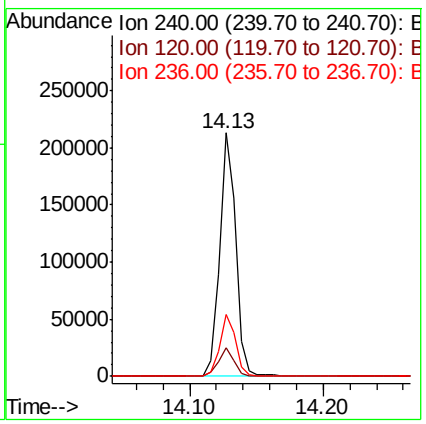


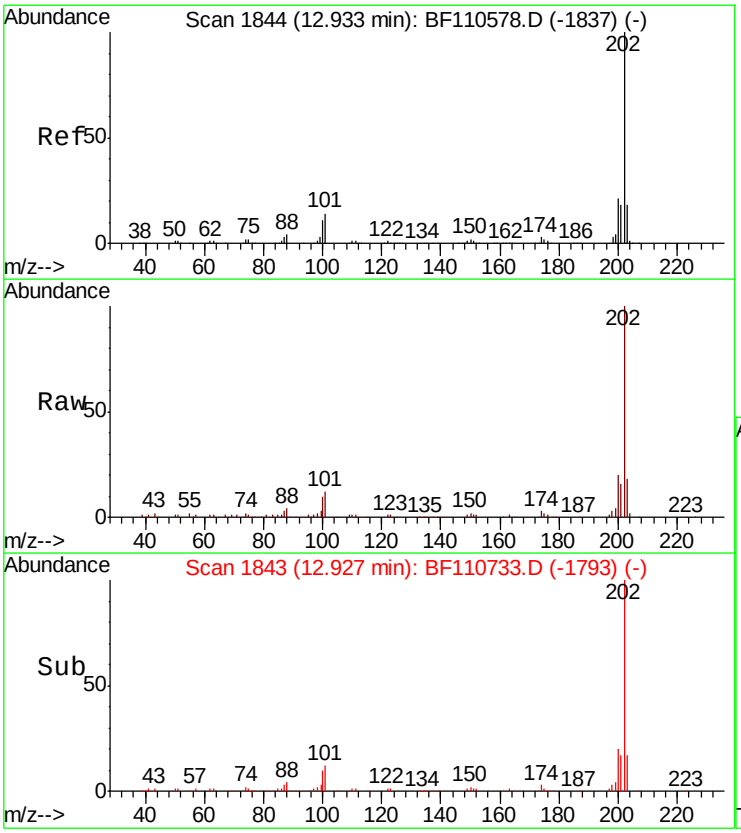
#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.13 min Scan# 2047
Delta R.T. -0.01 min
Lab File: BF110733.D
Acq: 13 Nov 2018 21:44

Instrument :
BNA_F
ClientSampleId :
SR-7-S

Tgt Ion:240 Resp: 182505

Ion	Ratio	Lower	Upper
240	100		
120	11.6	8.3	12.5
236	25.3	21.2	31.8

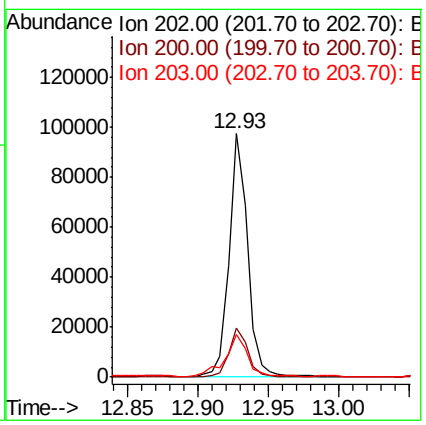


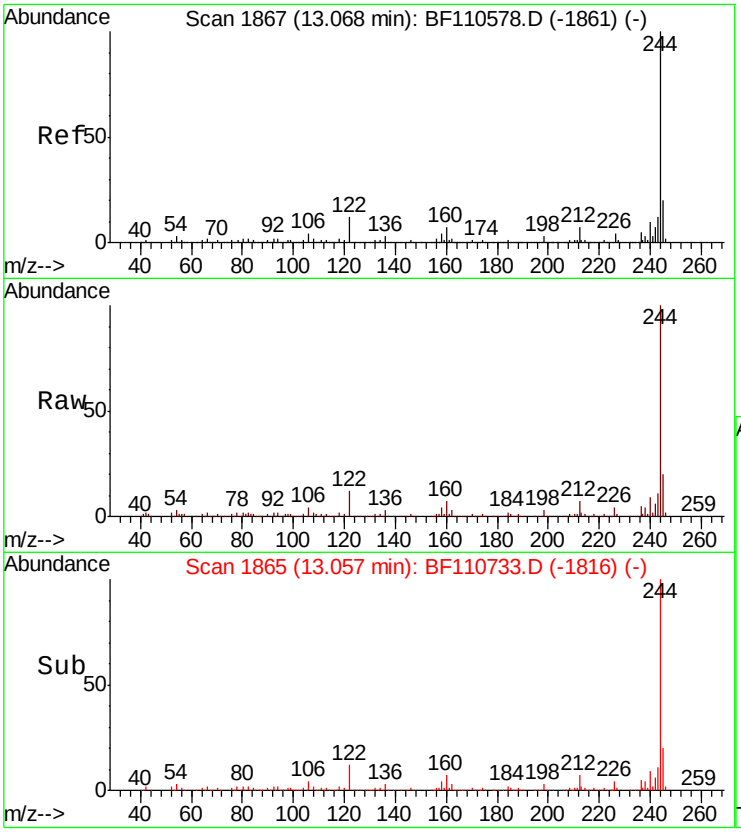


#78
Pyrene
Concen: 6.363 ng
RT: 12.93 min Scan# 1843
Delta R.T. -0.01 min
Lab File: BF110733.D
Acq: 13 Nov 2018 21:44

Tgt Ion:202 Resp: 89413

Ion	Ratio	Lower	Upper
202	100		
200	20.3	17.8	26.6
203	17.6	14.2	21.4



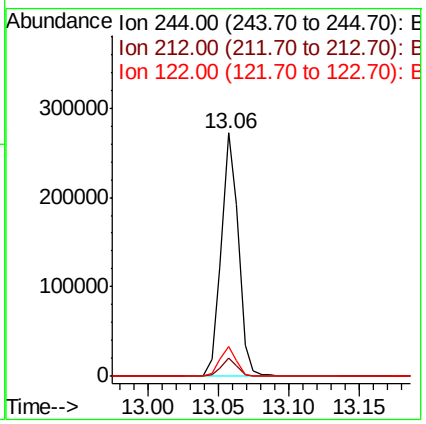


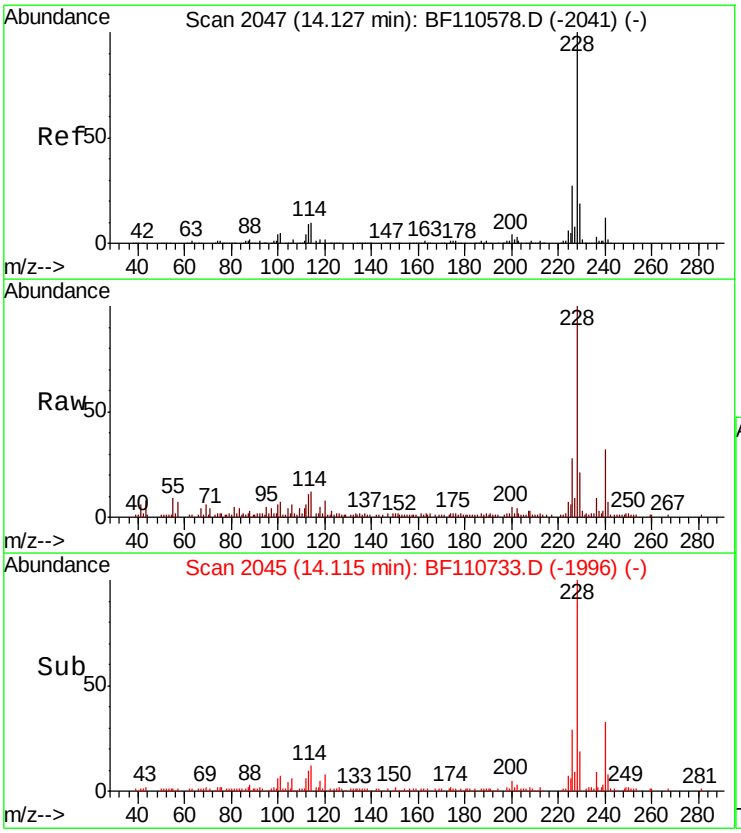
#79
Terphenyl-d14
Concen: 23.663 ng
RT: 13.06 min Scan# 1865
Delta R.T. -0.01 min
Lab File: BF110733.D
Acq: 13 Nov 2018 21:44

Instrument :
BNA_F
ClientSampleId :
SR-7-S

Tgt Ion:244 Resp: 230601

Ion	Ratio	Lower	Upper
244	100		
212	7.3	5.8	8.8
122	12.5	8.7	13.1

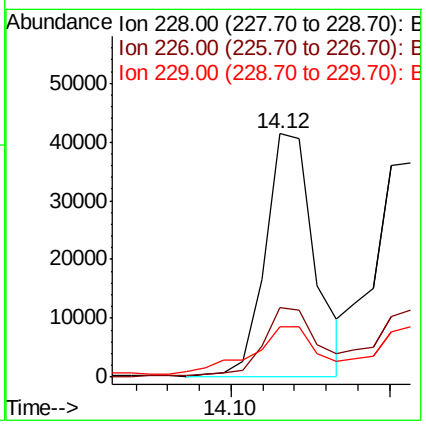


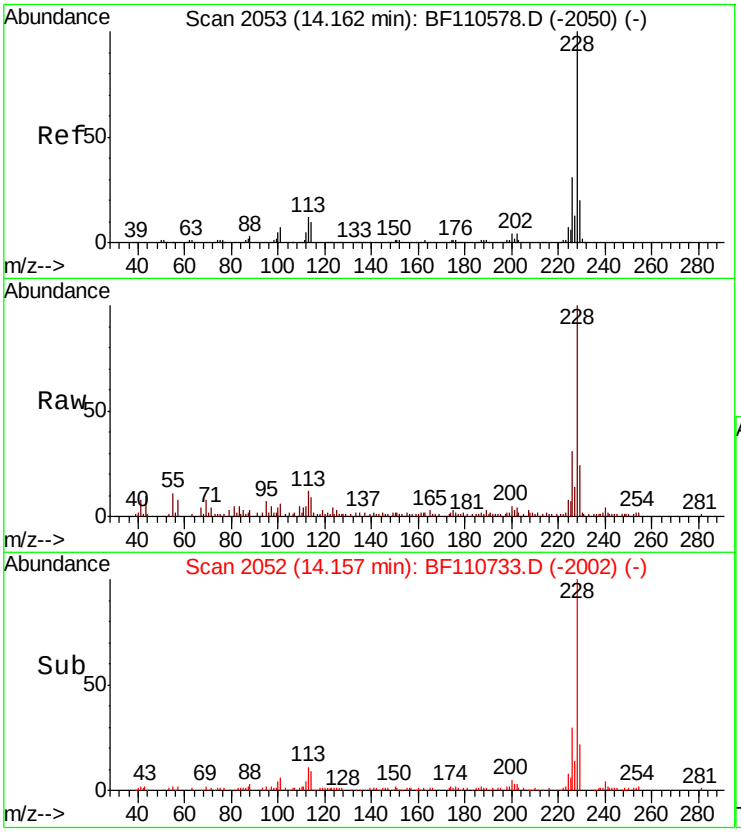


#81
Benzo(a)anthracene
Concen: 4.142 ng
RT: 14.12 min Scan# 2045
Delta R.T. -0.01 min
Lab File: BF110733.D
Acq: 13 Nov 2018 21:44

Tgt Ion:228 Resp: 45184

Ion	Ratio	Lower	Upper
228	100		
226	28.3	22.1	33.1
229	20.6	15.6	23.4



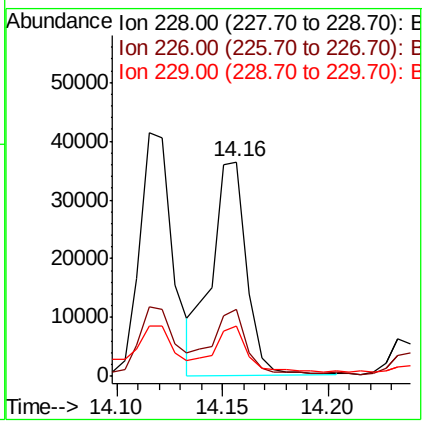


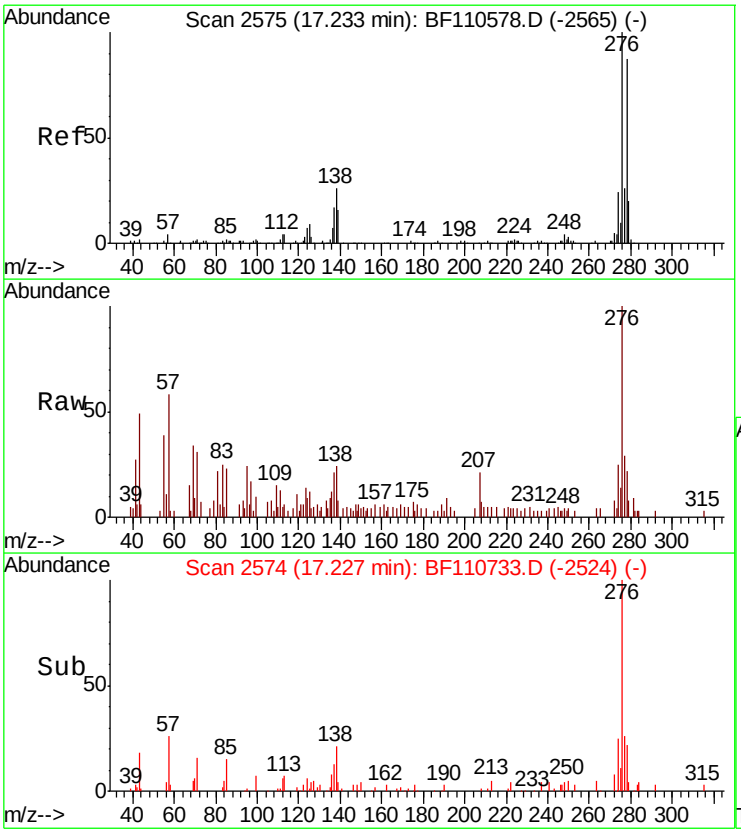
#83
Chrysene
Concen: 4.060 ng
RT: 14.16 min Scan# 2052
Delta R.T. -0.01 min
Lab File: BF110733.D
Acq: 13 Nov 2018 21:44

Instrument :
BNA_F
ClientSampleId :
SR-7-S

Tgt Ion:228 Resp: 42197

Ion	Ratio	Lower	Upper
228	100		
226	31.3	24.7	37.1
229	23.5	15.9	23.9

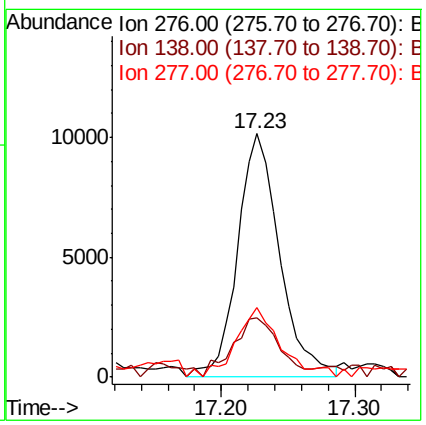


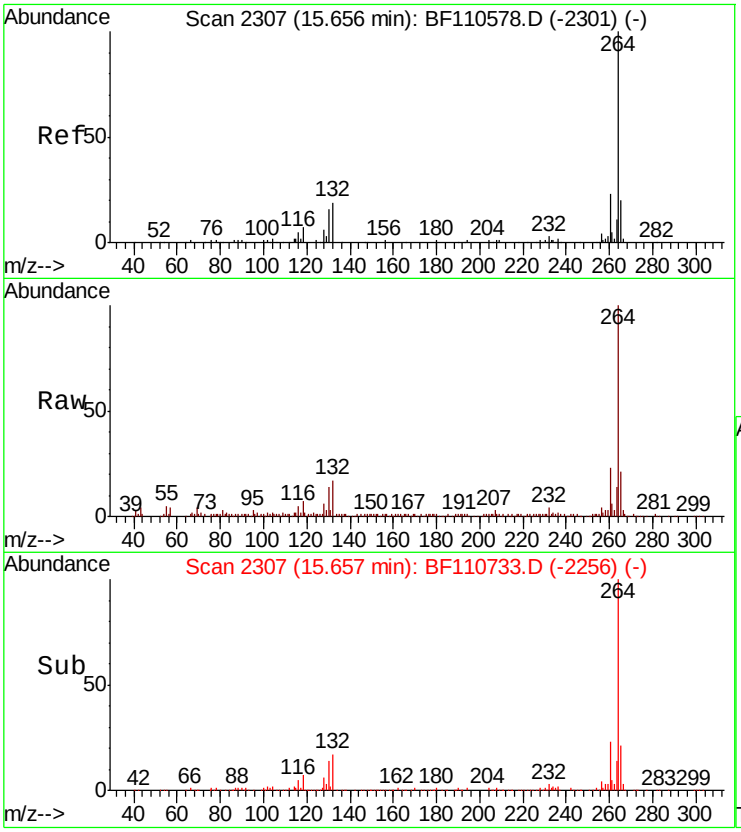


#86
Indeno(1,2,3-cd)pyrene
Concen: 2.971 ng
RT: 17.23 min Scan# 2574
Delta R.T. -0.01 min
Lab File: BF110733.D
Acq: 13 Nov 2018 21:44

Tgt Ion:276 Resp: 22159

Ion	Ratio	Lower	Upper
276	100		
138	27.1	18.5	27.7
277	29.9	20.0	30.0



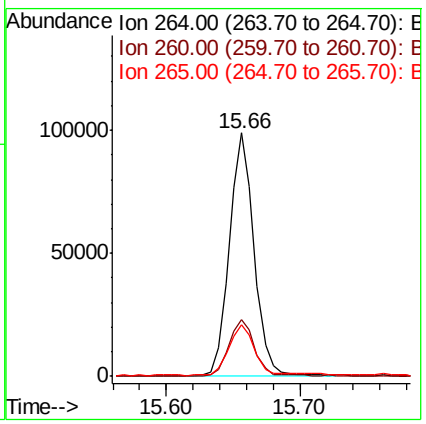


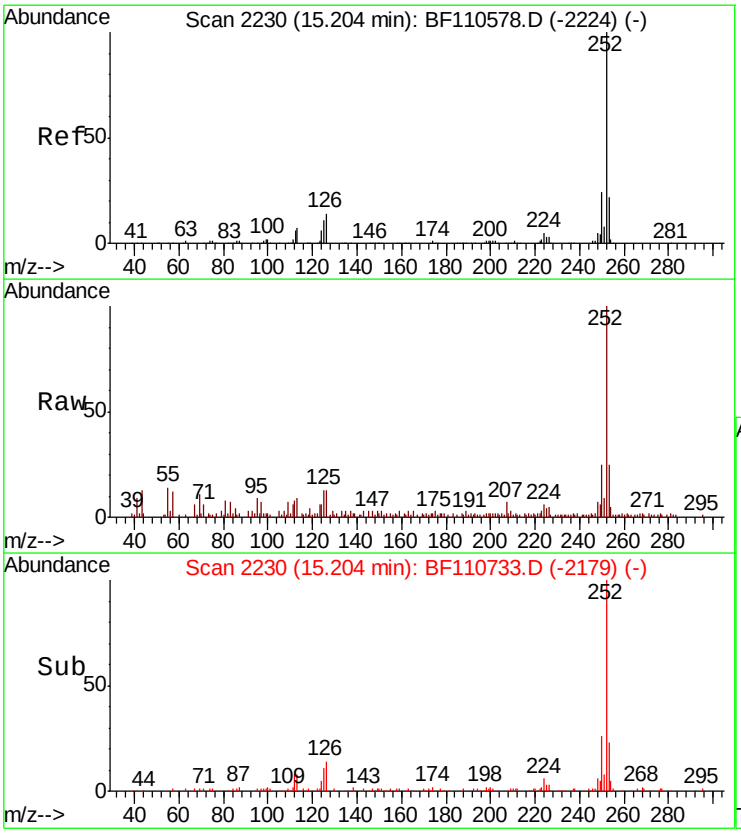
#87
Perylene-d12
Concen: 20.000 ng
RT: 15.66 min Scan# 2307
Delta R.T. 0.00 min
Lab File: BF110733.D
Acq: 13 Nov 2018 21:44

Instrument :
BNA_F
ClientSampleId :
SR-7-S

Tgt Ion:264 Resp: 128836

Ion	Ratio	Lower	Upper
264	100		
260	23.4	18.7	28.1
265	21.0	16.7	25.1

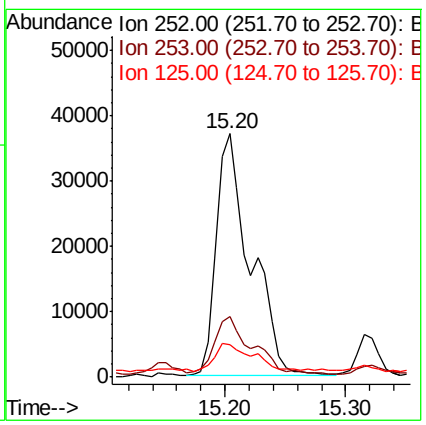


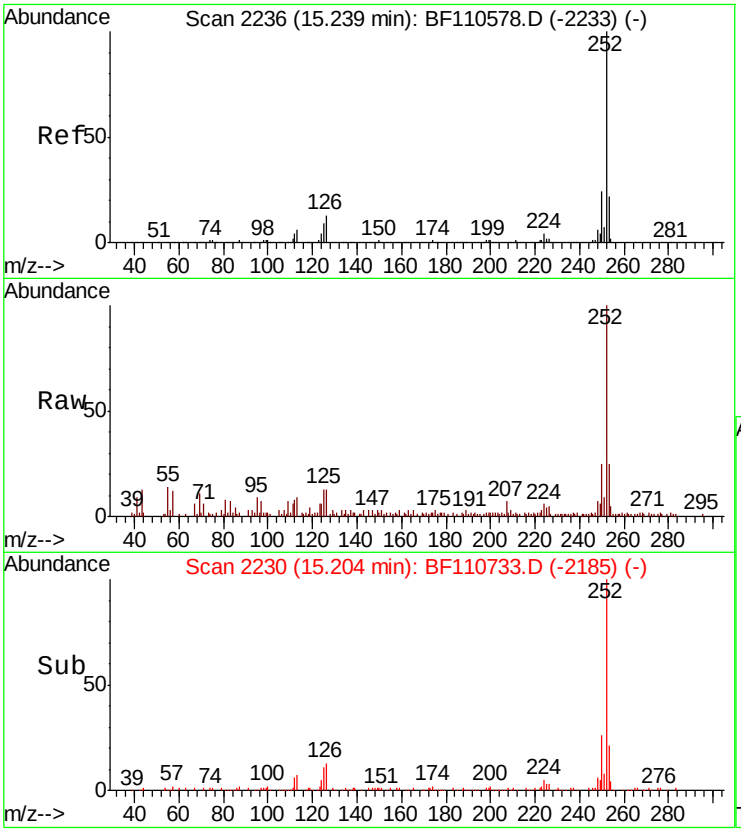


#88
Benzo(b)fluoranthene
Concen: 9.380 ng
RT: 15.20 min Scan# 2230
Delta R.T. 0.00 min
Lab File: BF110733.D
Acq: 13 Nov 2018 21:44

Tgt Ion:252 Resp: 72297

Ion	Ratio	Lower	Upper
252	100		
253	25.1	17.2	25.8
125	13.5	8.2	12.4#



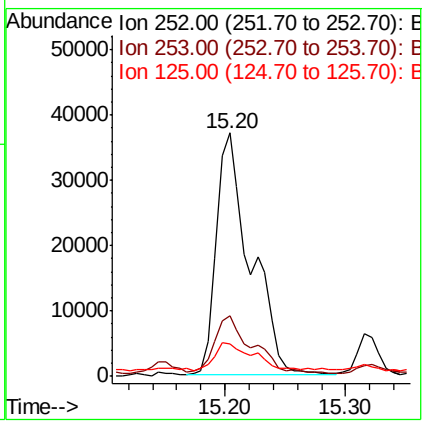


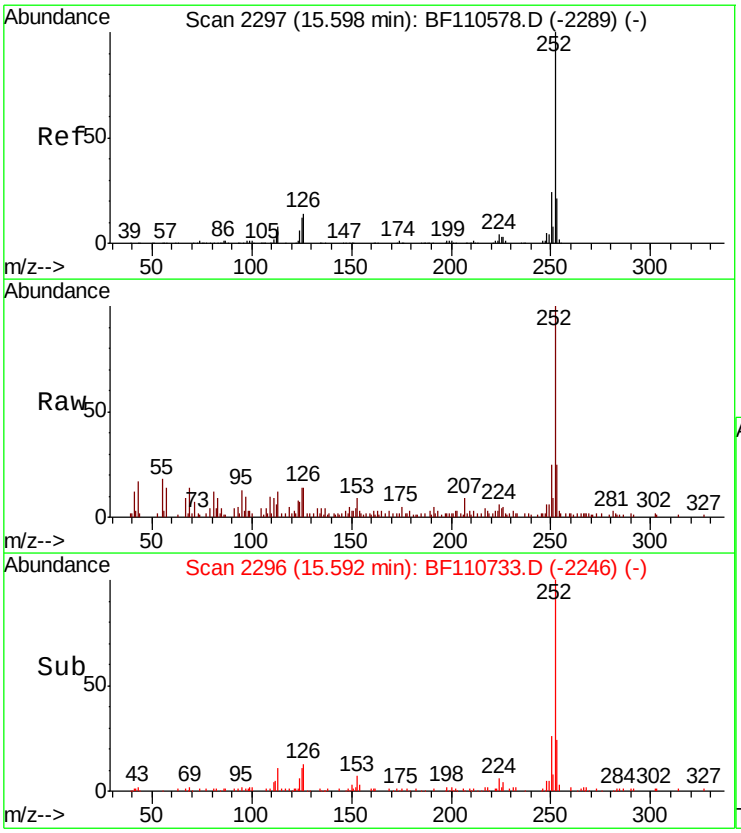
#89
Benzo(k)fluoranthene
Concen: 9.493 ng
RT: 15.20 min Scan# 2230
Delta R.T. -0.04 min
Lab File: BF110733.D
Acq: 13 Nov 2018 21:44

Instrument :
BNA_F
ClientSampleId :
SR-7-S

Tgt Ion:252 Resp: 72297

Ion	Ratio	Lower	Upper
252	100		
253	25.1	17.2	25.8
125	13.5	7.4	11.0#

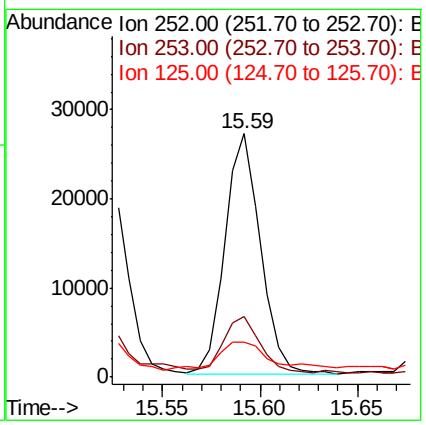


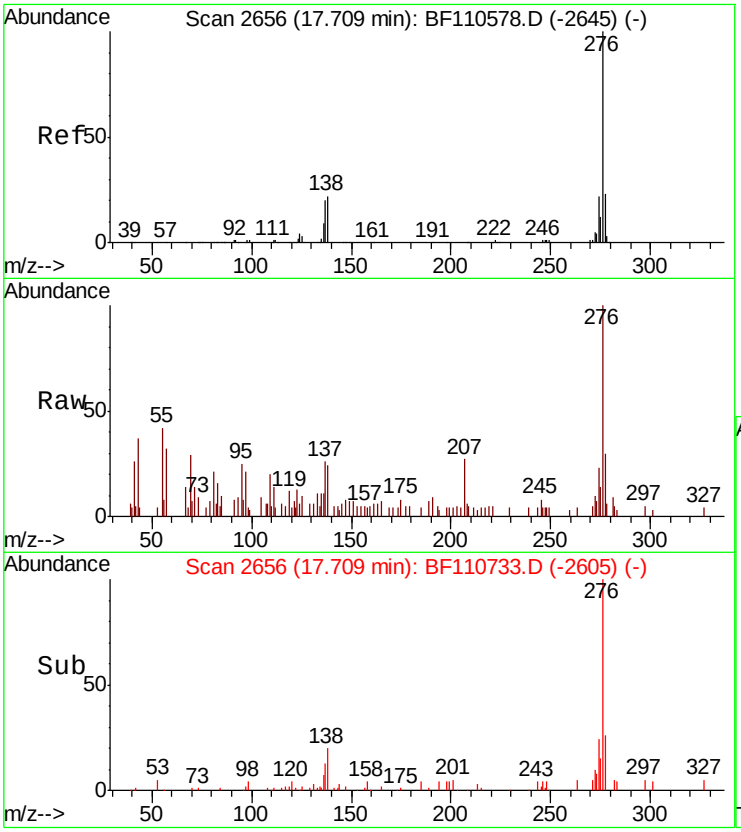


#90
Benzo(a)pyrene
Concen: 4.870 ng
RT: 15.59 min Scan# 2296
Delta R.T. -0.01 min
Lab File: BF110733.D
Acq: 13 Nov 2018 21:44

Tgt Ion:252 Resp: 34105

Ion	Ratio	Lower	Upper
252	100		
253	25.0	18.2	27.4
125	14.2	9.0	13.6#





#92
Benzo(g,h,i)perylene
Concen: 3.661 ng
RT: 17.71 min Scan# 2656
Delta R.T. 0.00 min
Lab File: BF110733.D
Acq: 13 Nov 2018 21:44

Instrument :
BNA_F
ClientSampleId :
SR-7-S

Tgt Ion:276 Resp: 21524

Ion	Ratio	Lower	Upper
276	100		
277	29.6	18.8	28.2#
138	24.3	16.0	24.0#