Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF110218\
Data File : BF110429.D
Acq On : 2 Nov 2018 23:15
Operator : JU/SJ
Sample : J5769-03 2X
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId :

Quant Time: Nov 03 00:53:07 2018
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF102318.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Nov 01 16:06:12 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.96	152	82958	20.00	ng		0.00
21) Naphthalene-d8	8.24	136	314686	20.00	ng		0.00
39) Acenaphthene-d10	10.00	164	124849	20.00	ng		0.00
64) Phenanthrene-d10	11.49	188	201631	20.00	ng		0.00
76) Chrysene-d12	14.13	240	151985	20.00	ng		0.00
87) Perylene-d12	15.66	264	114425	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.57	112	193156	37.92	ng		0.00
7) Phenol-d6	6.57	99	241752	37.10	ng		0.00
23) Nitrobenzene-d5	7.52	82	141667	26.70	ng		0.00
42) 2,4,6-Tribromophenol	10.79	330	40313	32.60	ng		0.00
45) 2-Fluorobiphenyl	9.31	172	247615	31.14	ng		0.00
79) Terphenyl-d14	13.07	244	193037	26.41	ng		0.00
Target Compounds							Qvalue
9) Benzaldehyde	6.58	77	304	Below Cal		#	1
10) Phenol	6.59	94	14854	2.133	ng	#	77
19) n-Nitroso-di-n-propylamine	7.52	70	17552	4.199	ng	#	81
25) Isophorone	7.52	82	141665	15.664	ng	#	67
50) Dimethylphthalate	9.70	163	35803	3.885	ng	#	98
51) 2,6-Dinitrotoluene	10.00	165	15461	7.788	ng	#	21
57) 2,4-Dinitrotoluene	10.00	165	15461	6.132	ng	#	17
71) Phenanthrene	11.51	178	70085	6.643	ng		98
75) Fluoranthene	12.70	202	214227	20.008	ng		99
77) Benzidine	13.06	184	2649	Below Cal			96
78) Pyrene	12.93	202	192566	17.673	ng		98
81) Benzo(a)anthracene	14.12	228	92262	10.237	ng		97
83) Chrysene	14.16	228	92077	10.756	ng		99
86) Indeno(1,2,3-cd)pyrene	17.22	276	41022	5.776	ng	#	94
88) Benzo(b)fluoranthene	15.20	252	136553	20.666	ng		95
89) Benzo(k)fluoranthene	15.20	252	136553	21.021	ng	#	94
90) Benzo(a)pyrene	15.59	252	65394	10.755	ng		97
92) Benzo(g,h,i)perylene	17.70	276	45989	8.896	ng	#	91

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

Quantitation Report (Not Reviewed)

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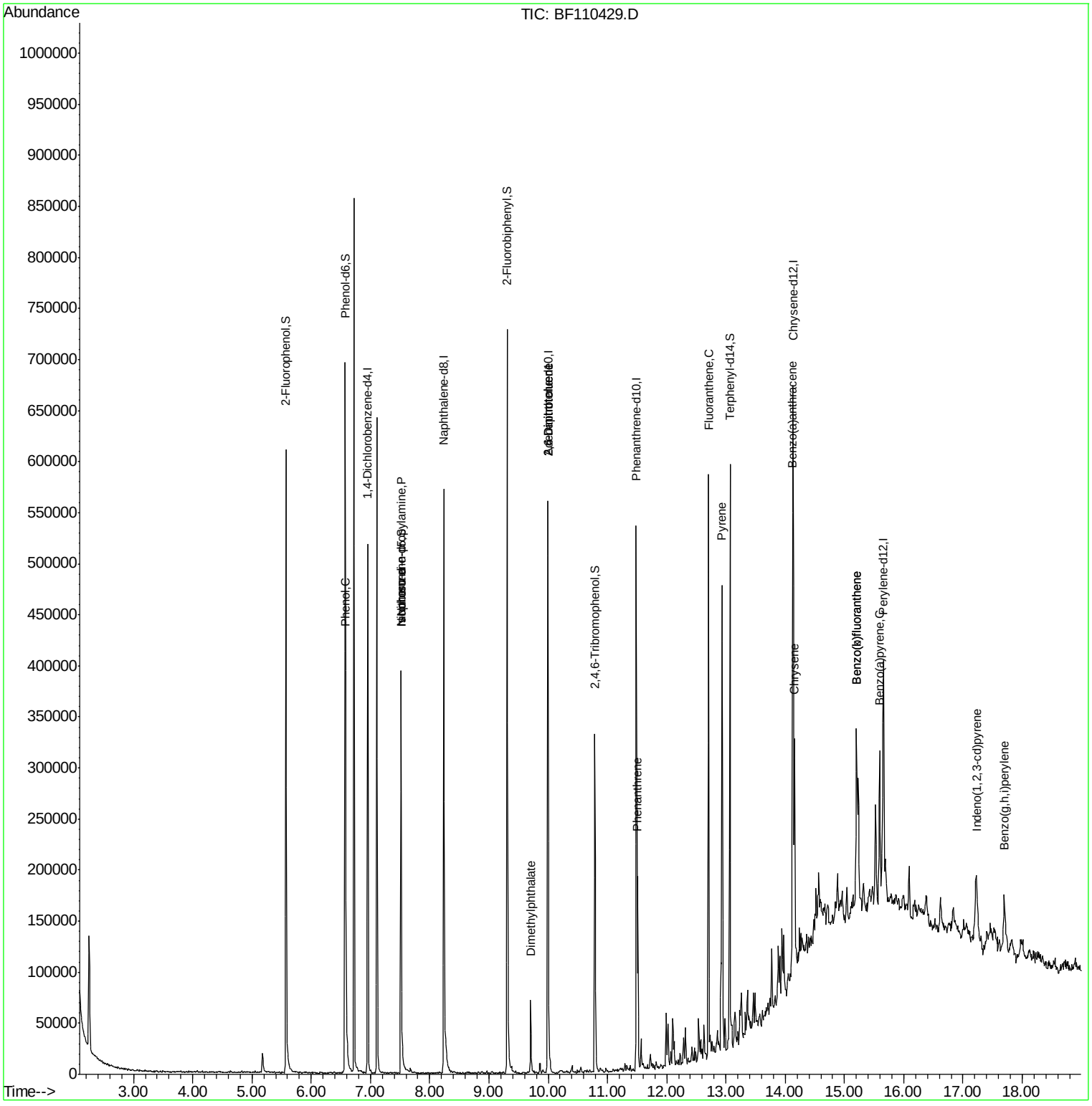
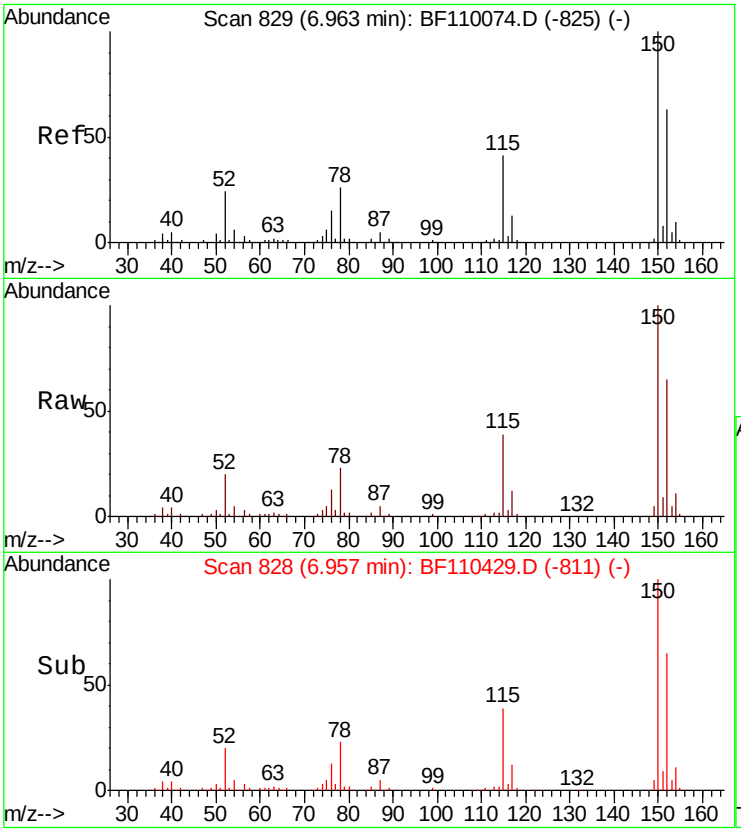


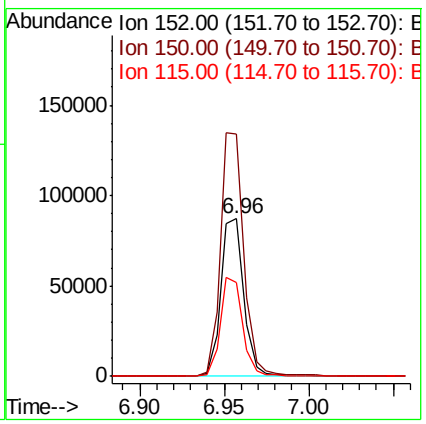


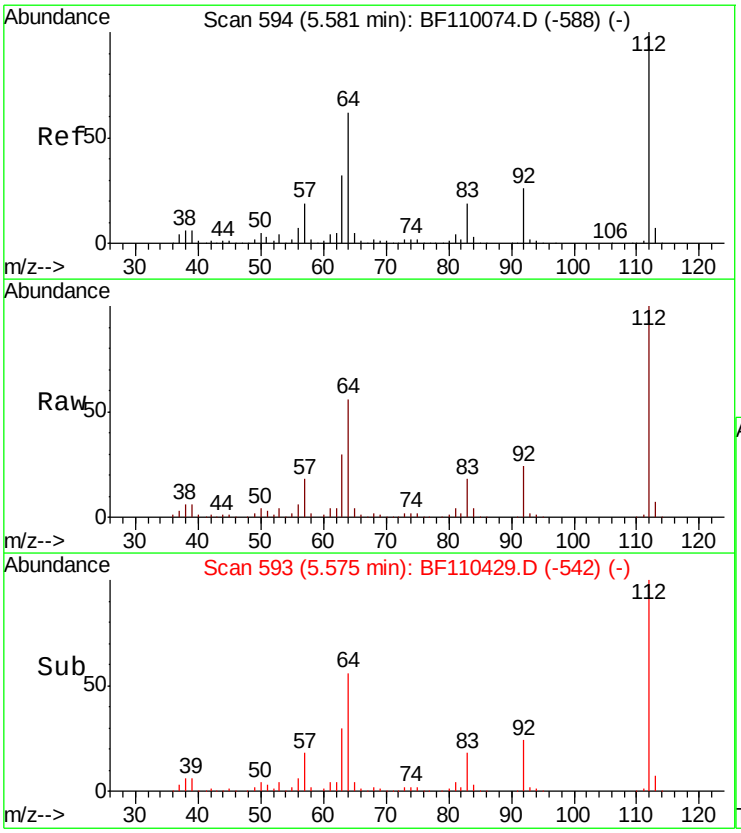
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.96 min Scan# 828
Delta R.T. 0.00 min
Lab File: BF110429.D
Acq: 2 Nov 2018 23:15

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:152 Resp: 82958

Ion	Ratio	Lower	Upper
152	100		
150	154.4	122.7	184.1
115	59.6	49.1	73.7

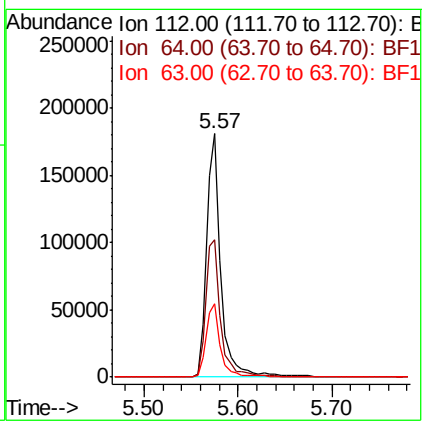


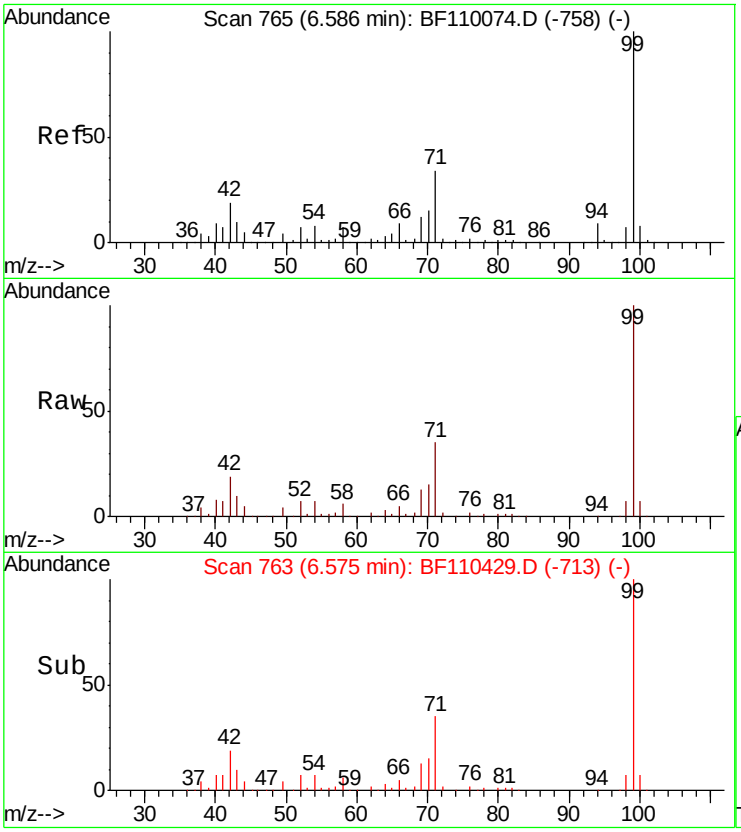


#5
2-Fluorophenol
Concen: 37.916 ng
RT: 5.57 min Scan# 593
Delta R.T. 0.00 min
Lab File: BF110429.D
Acq: 2 Nov 2018 23:15

Tgt Ion:112 Resp: 193156

Ion	Ratio	Lower	Upper
112	100		
64	56.2	44.1	66.1
63	30.1	23.7	35.5



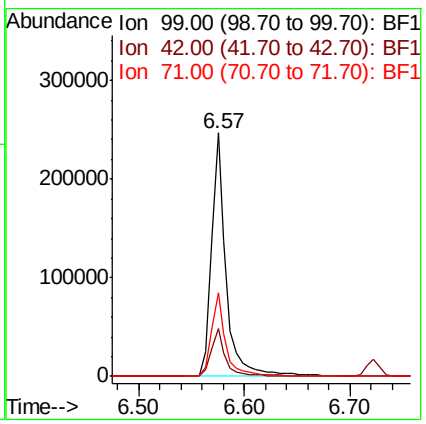


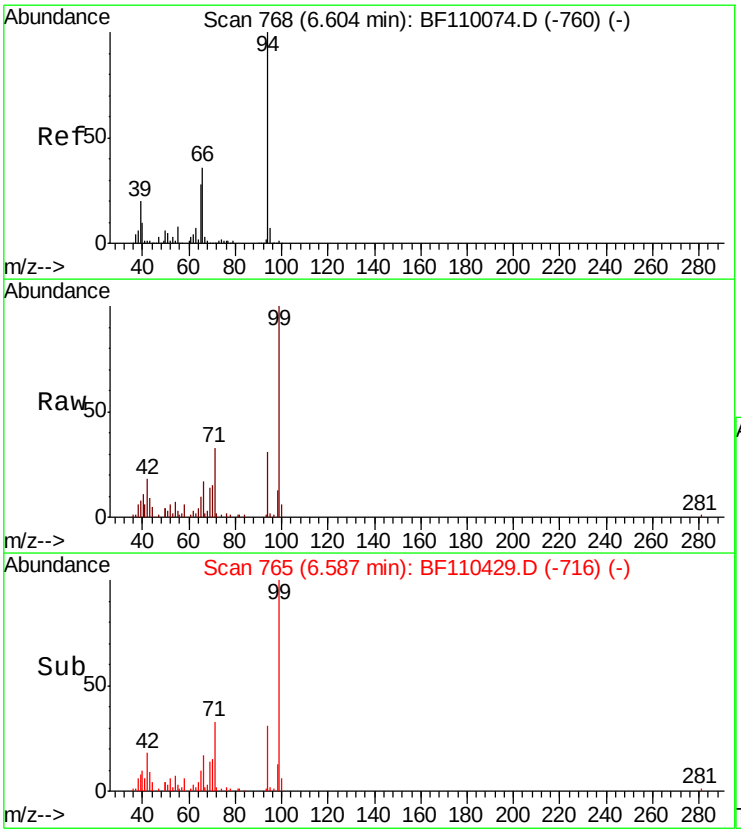
#7
Phenol-d6
Concen: 37.101 ng
RT: 6.57 min Scan# 763
Delta R.T. -0.01 min
Lab File: BF110429.D
Acq: 2 Nov 2018 23:15

Instrument :
BNA_F
ClientSampleId :

Tgt Ion: 99 Resp: 241752

Ion	Ratio	Lower	Upper
99	100		
42	19.5	15.8	23.6
71	34.6	28.0	42.0

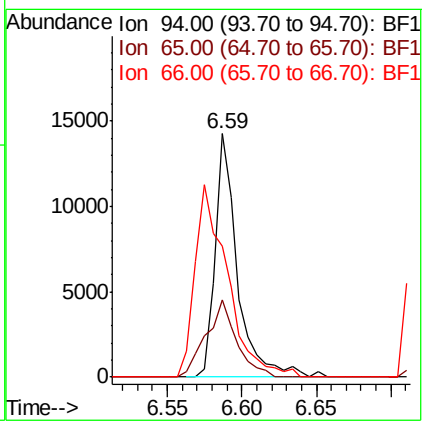


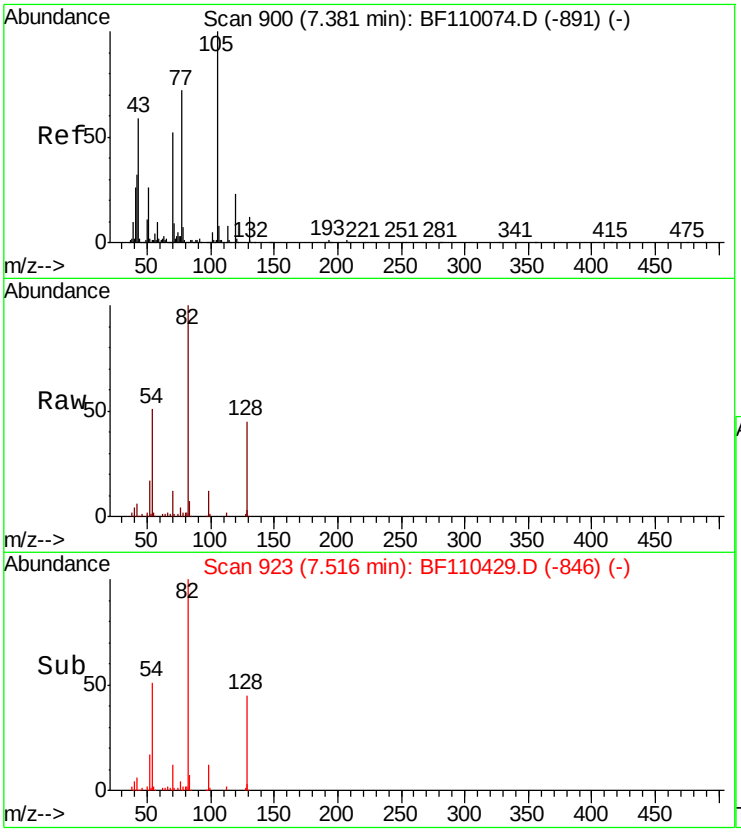


#10
Phenol
Concen: 2.133 ng
RT: 6.59 min Scan# 765
Delta R.T. -0.01 min
Lab File: BF110429.D
Acq: 2 Nov 2018 23:15

Tgt Ion: 94 Resp: 14854

Ion	Ratio	Lower	Upper
94	100		
65	31.6	25.3	65.3
66	53.8	54.5	94.5#



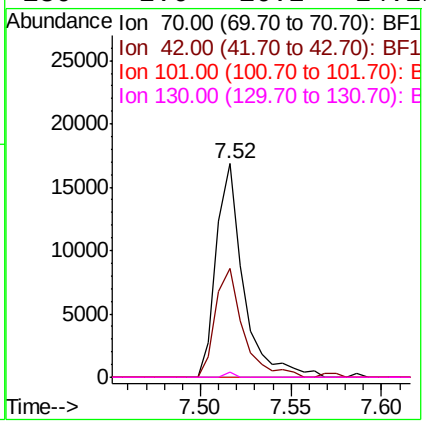


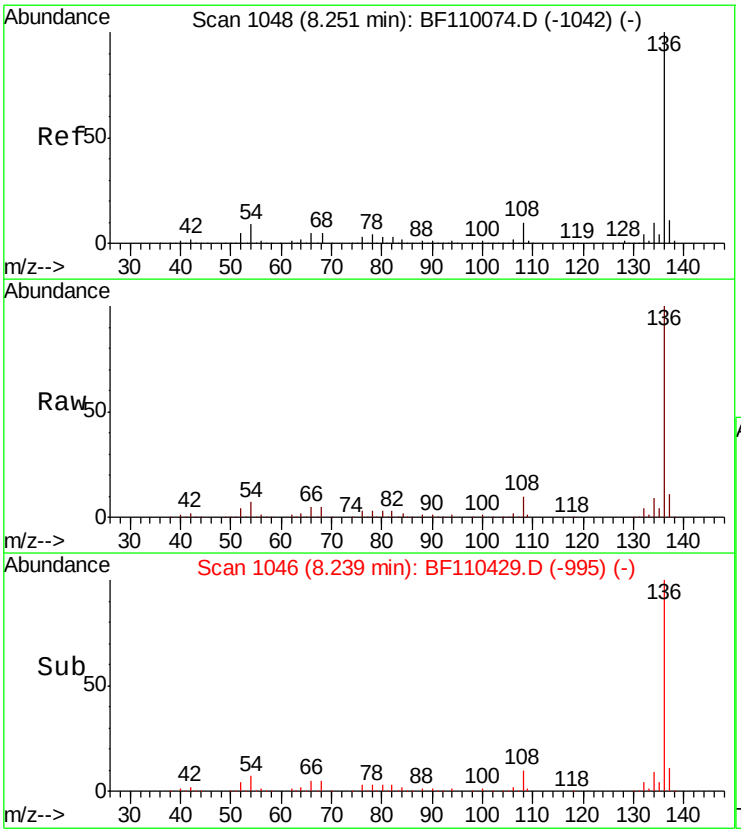
#19
n-Nitroso-di-n-propylamine
Concen: 4.199 ng
RT: 7.52 min Scan# 923
Delta R.T. 0.15 min
Lab File: BF110429.D
Acq: 2 Nov 2018 23:15

Instrument :
BNA_F
ClientSampleId :

Tgt Ion: 70 Resp: 17552

Ion	Ratio	Lower	Upper
70	100		
42	50.8	47.4	71.2
101	0.0	7.3	10.9#
130	2.6	16.2	24.2#

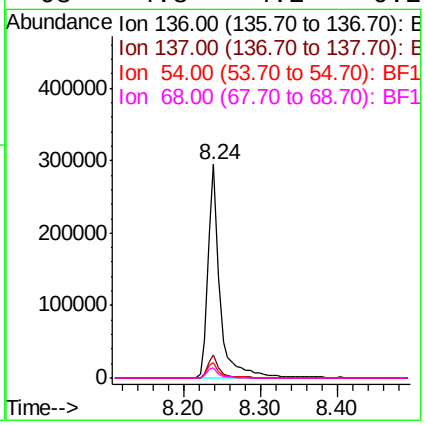


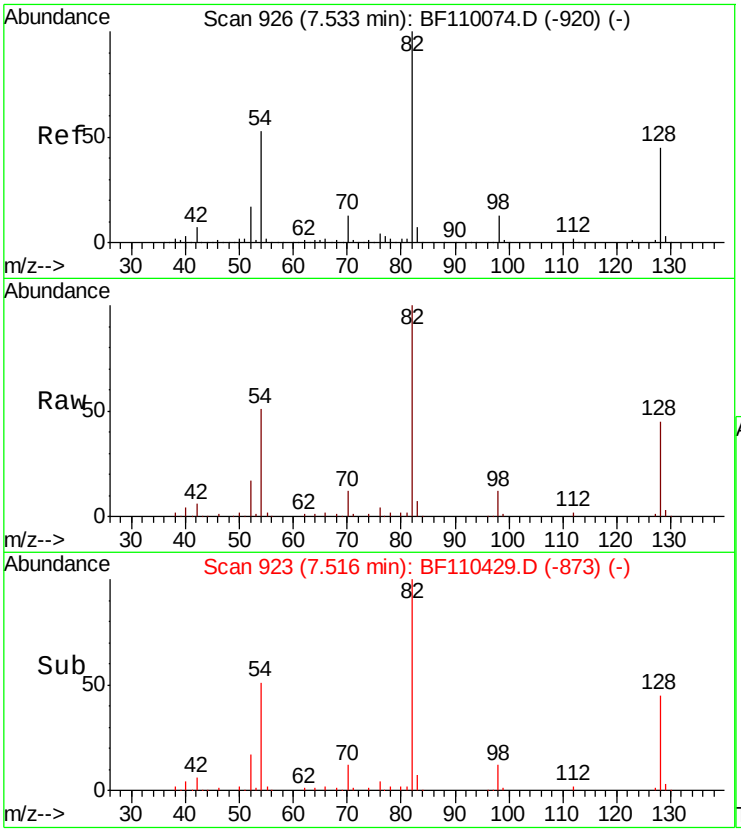


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.24 min Scan# 1046
Delta R.T. 0.00 min
Lab File: BF110429.D
Acq: 2 Nov 2018 23:15

Tgt Ion:136 Resp: 314686

Ion	Ratio	Lower	Upper
136	100		
137	10.6	8.8	13.2
54	7.4	5.4	8.2
68	4.8	4.2	6.2



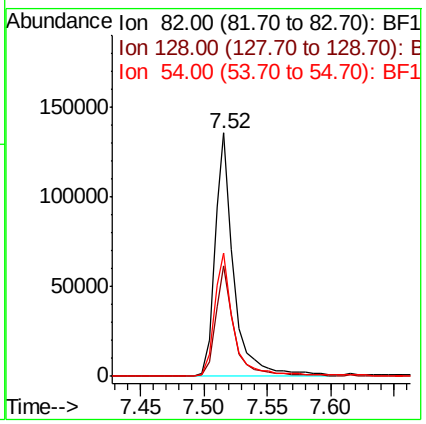


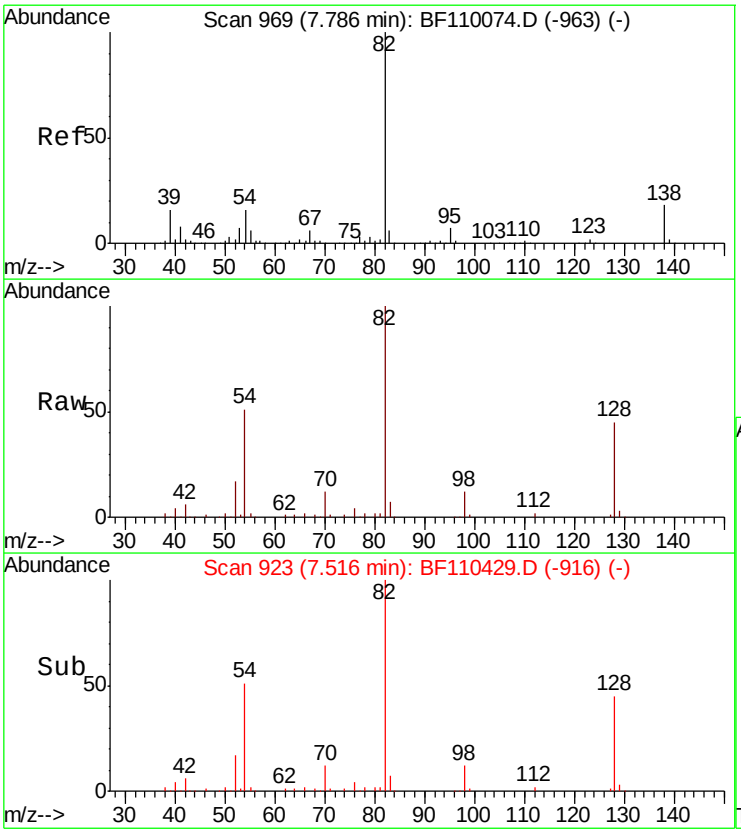
#23
Nitrobenzene-d5
Concen: 26.702 ng
RT: 7.52 min Scan# 923
Delta R.T. -0.01 min
Lab File: BF110429.D
Acq: 2 Nov 2018 23:15

Instrument :
BNA_F
ClientSampleId :

Tgt Ion: 82 Resp: 141667

Ion	Ratio	Lower	Upper
82	100		
128	45.3	34.2	51.2
54	50.9	38.6	58.0

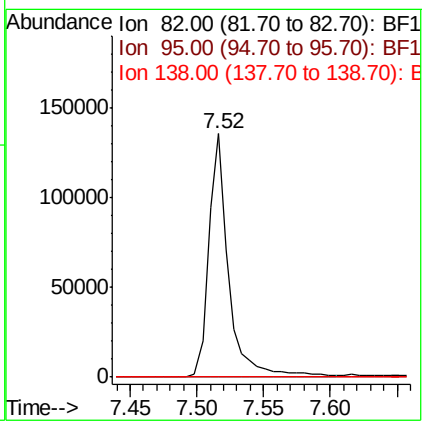


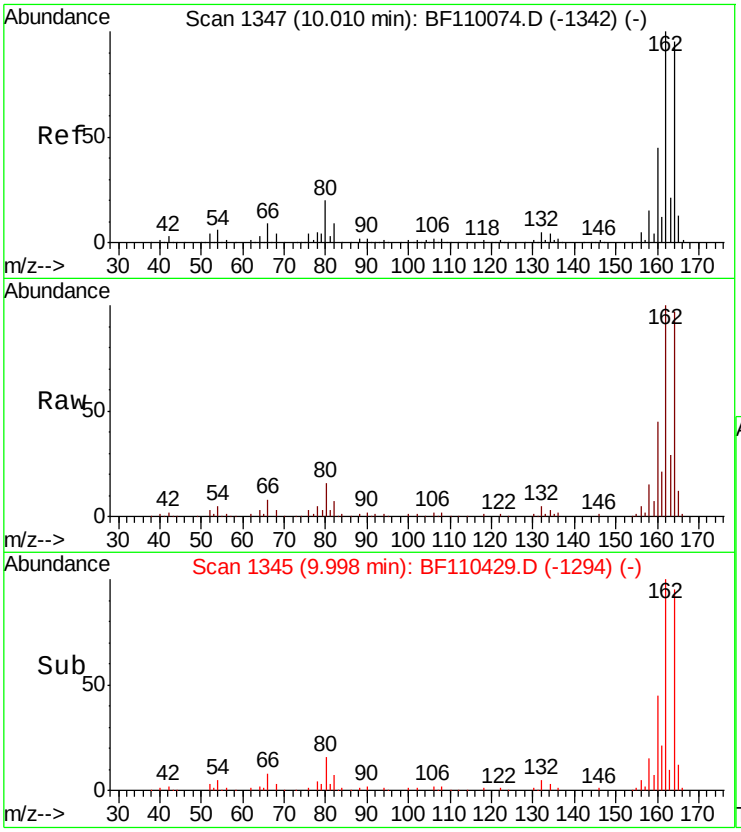


#25
Isophorone
Concen: 15.664 ng
RT: 7.52 min Scan# 923
Delta R.T. -0.26 min
Lab File: BF110429.D
Acq: 2 Nov 2018 23:15

Tgt Ion: 82 Resp: 141665

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



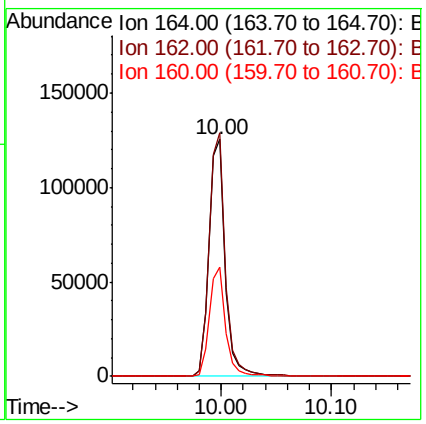


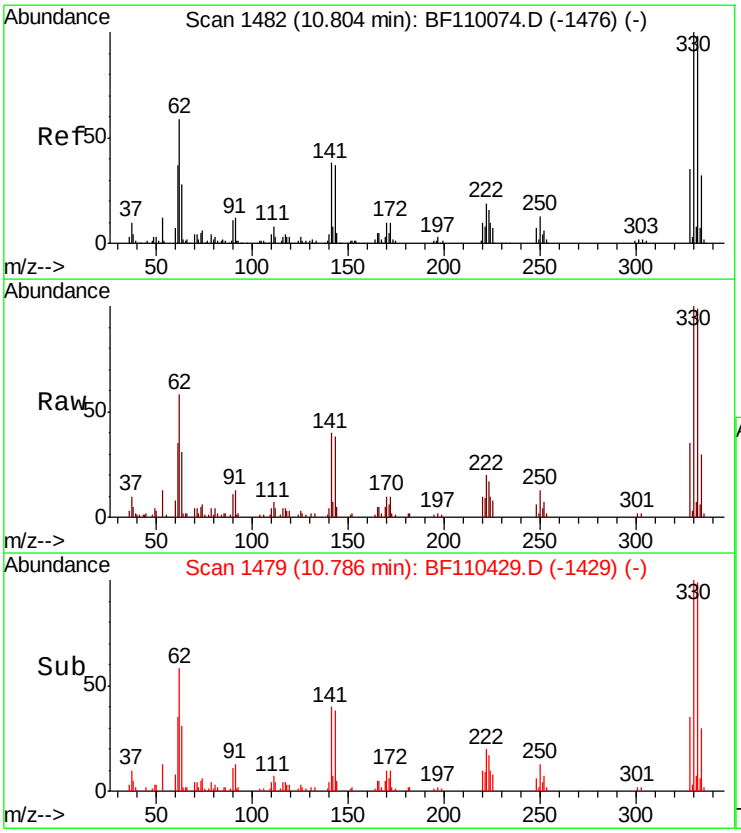
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 10.00 min Scan# 1345
Delta R.T. 0.00 min
Lab File: BF110429.D
Acq: 2 Nov 2018 23:15

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:164 Resp: 124849

Ion	Ratio	Lower	Upper
164	100		
162	102.8	83.0	124.6
160	46.1	37.0	55.6

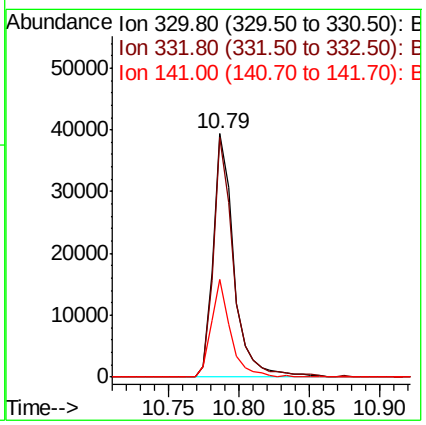


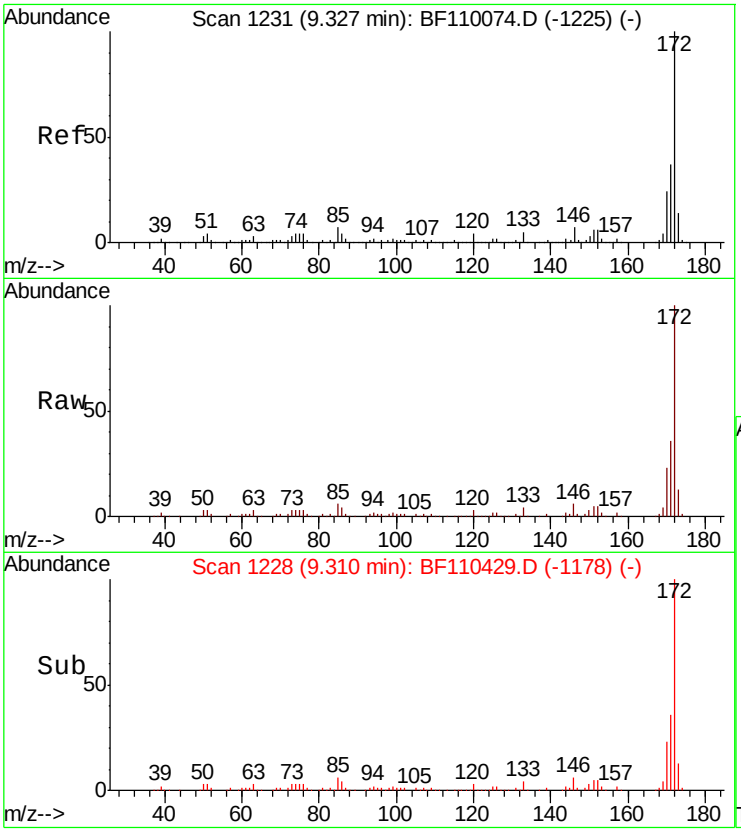


#42
2,4,6-Tribromophenol
Concen: 32.597 ng
RT: 10.79 min Scan# 1479
Delta R.T. -0.01 min
Lab File: BF110429.D
Acq: 2 Nov 2018 23:15

Tgt Ion:330 Resp: 40313

Ion	Ratio	Lower	Upper
330	100		
332	96.2	77.1	115.7
141	37.3	27.0	40.4



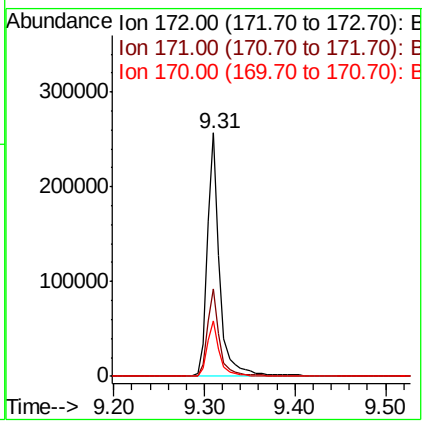


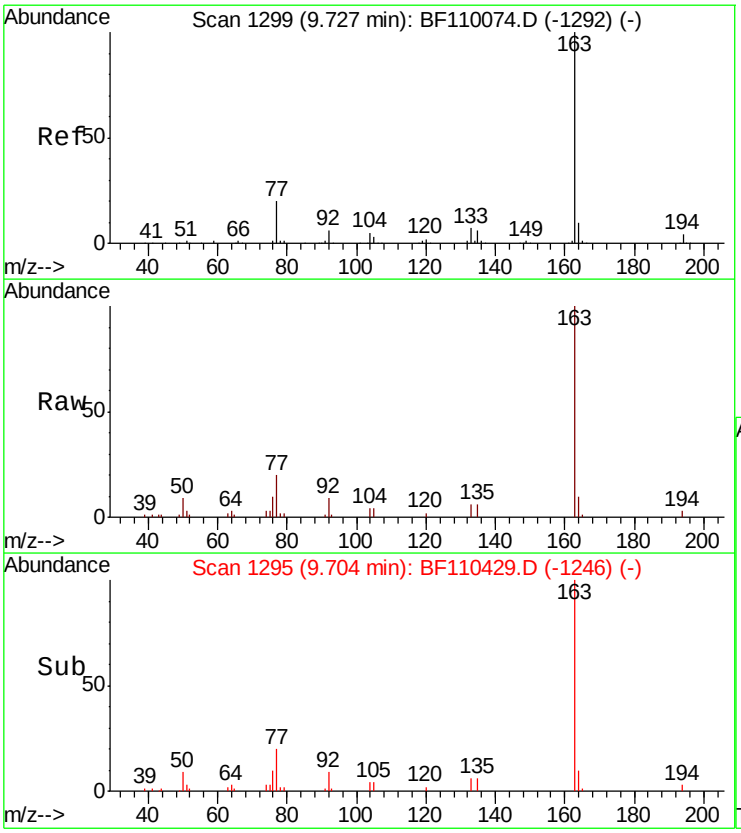
#45
2-Fluorobiphenyl
Concen: 31.143 ng
RT: 9.31 min Scan# 1228
Delta R.T. -0.01 min
Lab File: BF110429.D
Acq: 2 Nov 2018 23:15

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:172 Resp: 247615

Ion	Ratio	Lower	Upper
172	100		
171	35.7	28.6	43.0
170	22.9	19.7	29.5

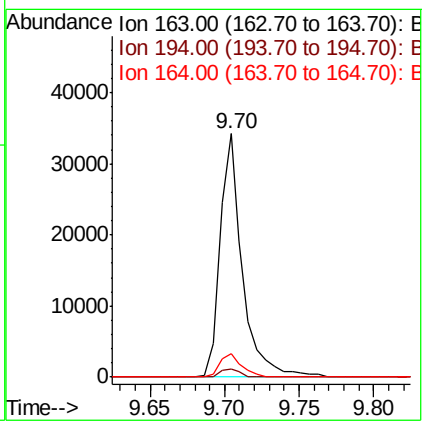


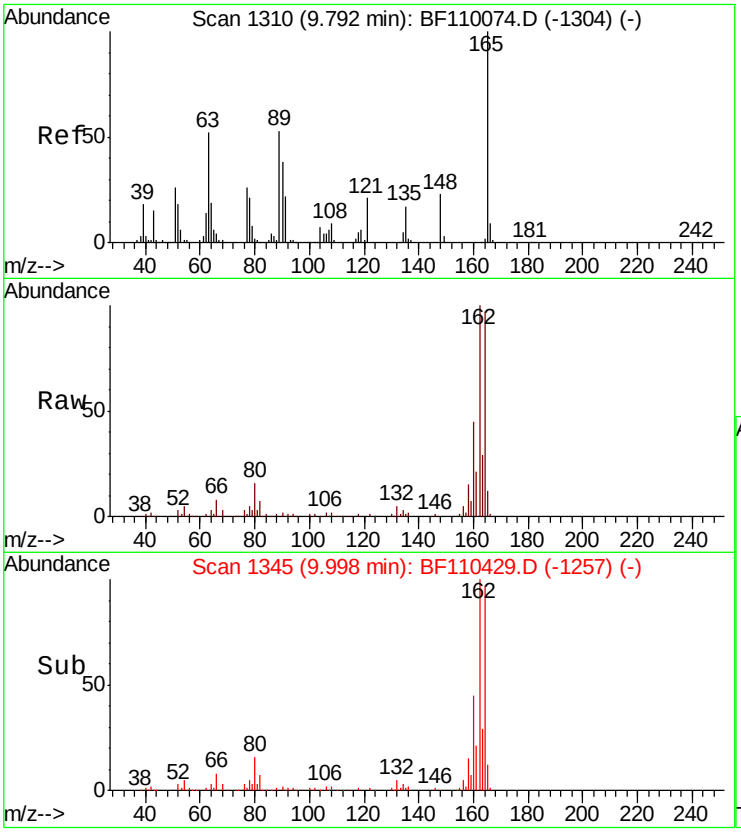


#50
Dimethylphthalate
Concen: 3.885 ng
RT: 9.70 min Scan# 1295
Delta R.T. -0.01 min
Lab File: BF110429.D
Acq: 2 Nov 2018 23:15

Tgt Ion:163 Resp: 35803

Ion	Ratio	Lower	Upper
163	100		
194	3.1	3.2	4.8#
164	9.6	8.1	12.1



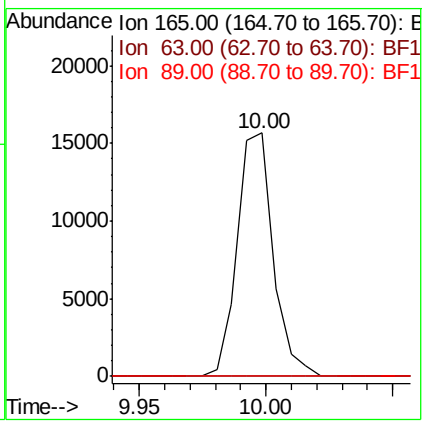


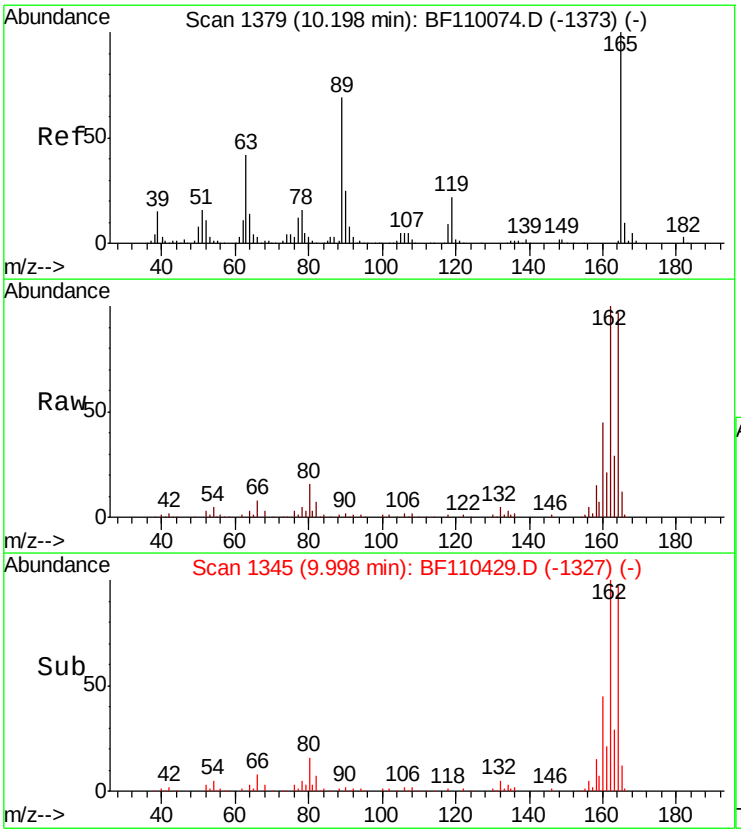
#51
2,6-Dinitrotoluene
Concen: 7.788 ng
RT: 10.00 min Scan# 1345
Delta R.T. 0.22 min
Lab File: BF110429.D
Acq: 2 Nov 2018 23:15

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:165 Resp: 15461

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

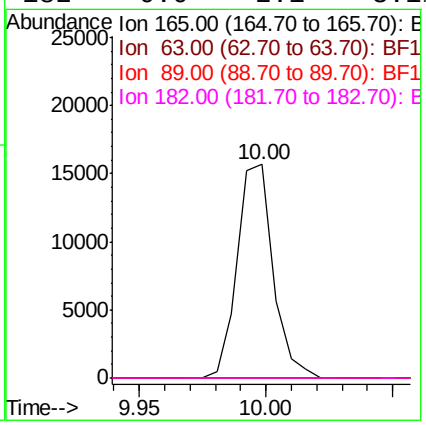


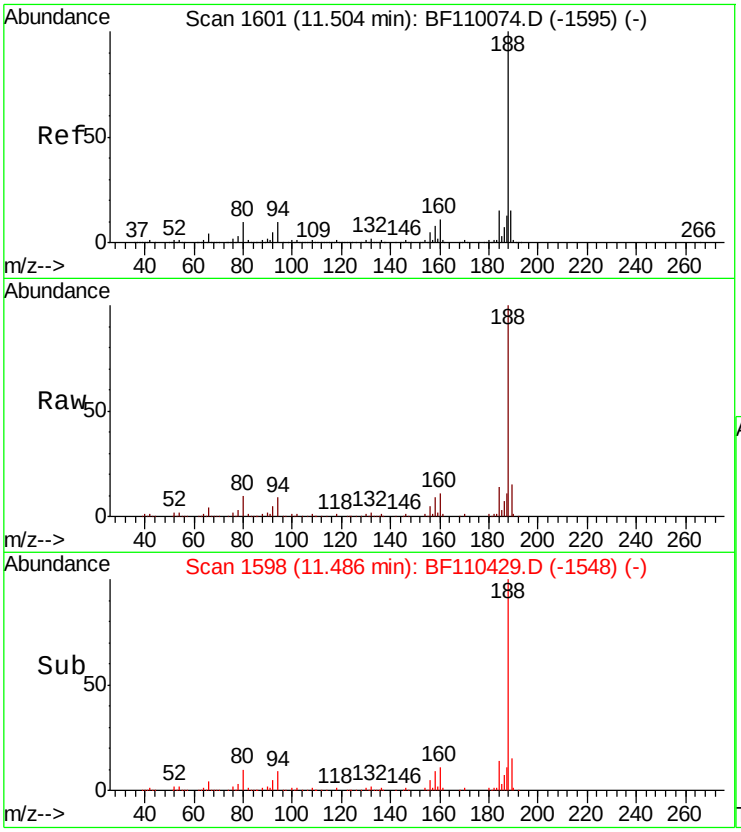


#57
2,4-Dinitrotoluene
Concen: 6.132 ng
RT: 10.00 min Scan# 1345
Delta R.T. -0.19 min
Lab File: BF110429.D
Acq: 2 Nov 2018 23:15

Tgt Ion:165 Resp: 15461

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#



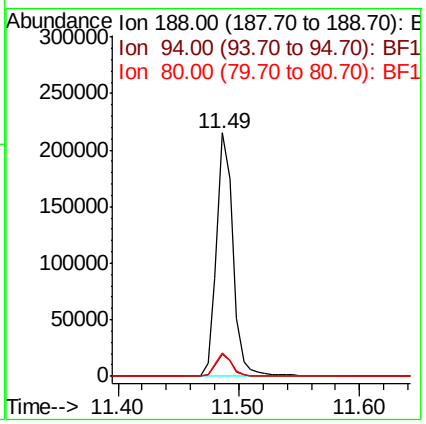


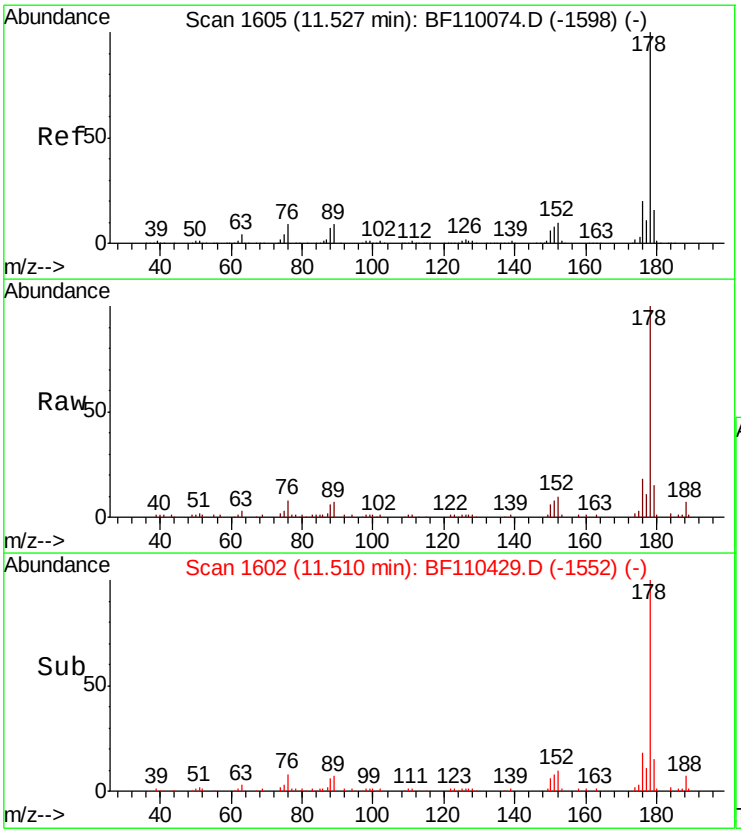
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.49 min Scan# 1598
Delta R.T. -0.01 min
Lab File: BF110429.D
Acq: 2 Nov 2018 23:15

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:188 Resp: 201631

Ion	Ratio	Lower	Upper
188	100		
94	9.2	7.2	10.8
80	9.7	7.9	11.9

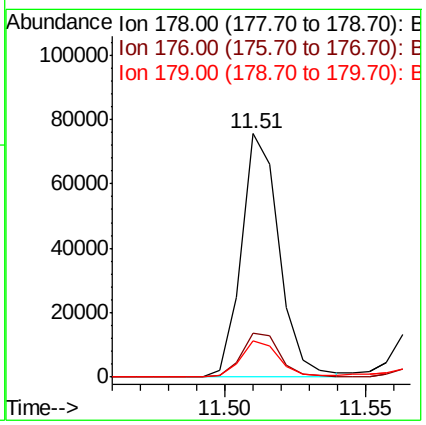


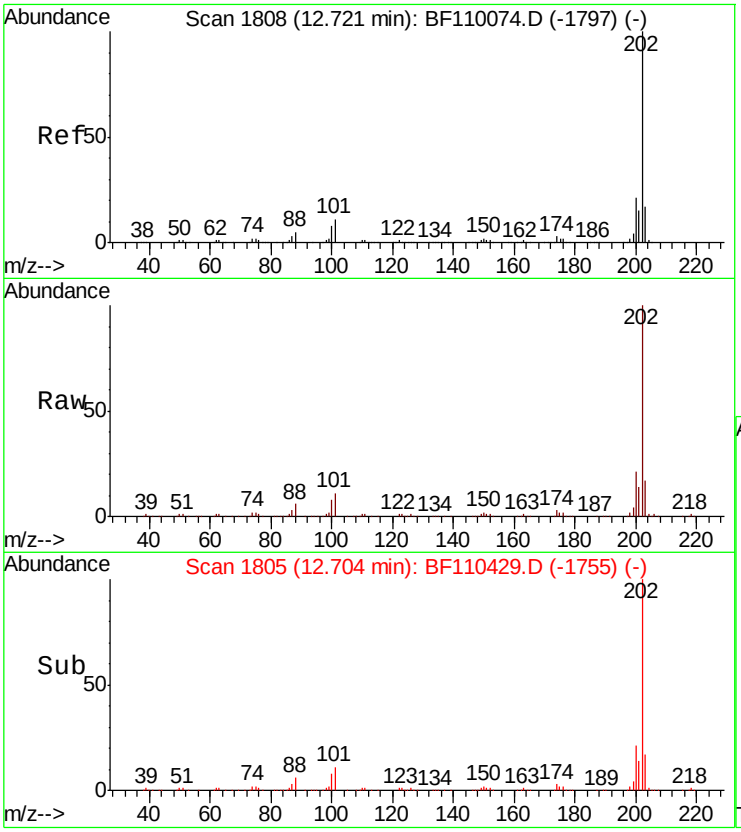


#71
Phenanthrene
Concen: 6.643 ng
RT: 11.51 min Scan# 1602
Delta R.T. -0.01 min
Lab File: BF110429.D
Acq: 2 Nov 2018 23:15

Tgt Ion:178 Resp: 70085

Ion	Ratio	Lower	Upper
178	100		
176	18.2	15.5	23.3
179	14.7	12.5	18.7



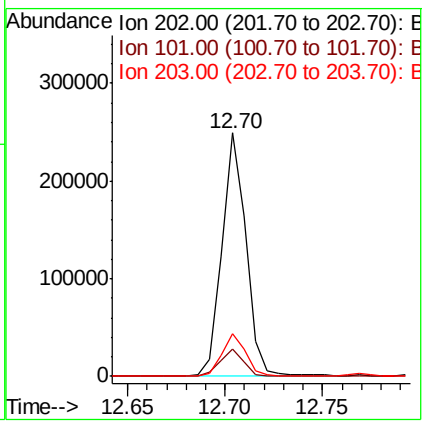


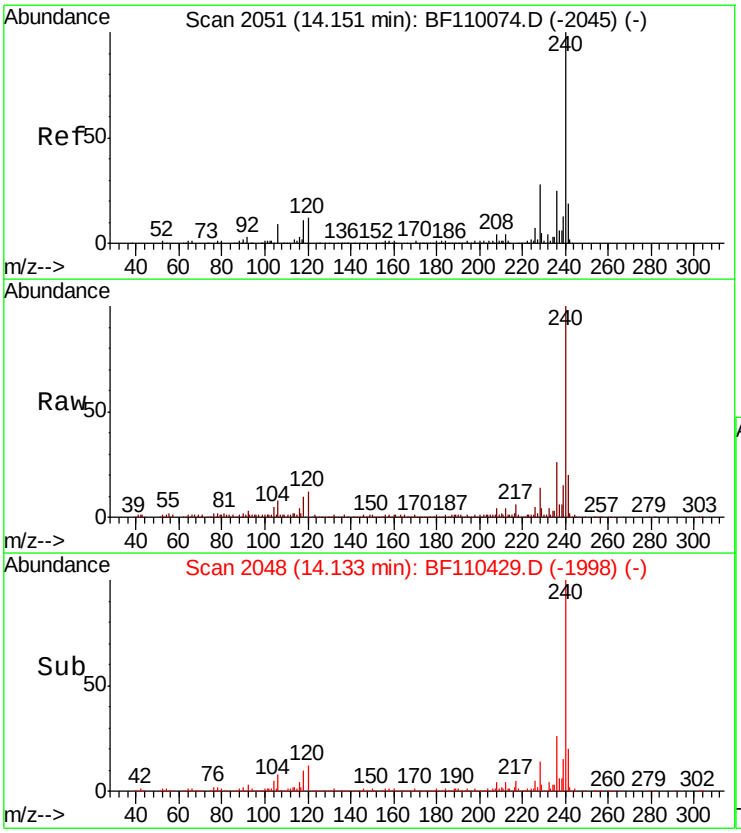
#75
Fluoranthene
Concen: 20.008 ng
RT: 12.70 min Scan# 1805
Delta R.T. -0.01 min
Lab File: BF110429.D
Acq: 2 Nov 2018 23:15

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:202 Resp: 214227

Ion	Ratio	Lower	Upper
202	100		
101	11.0	0.0	31.4
203	17.4	0.0	37.7

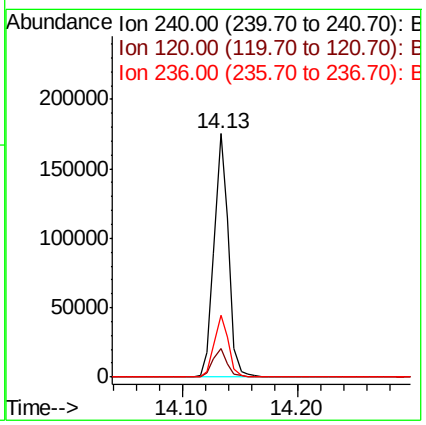


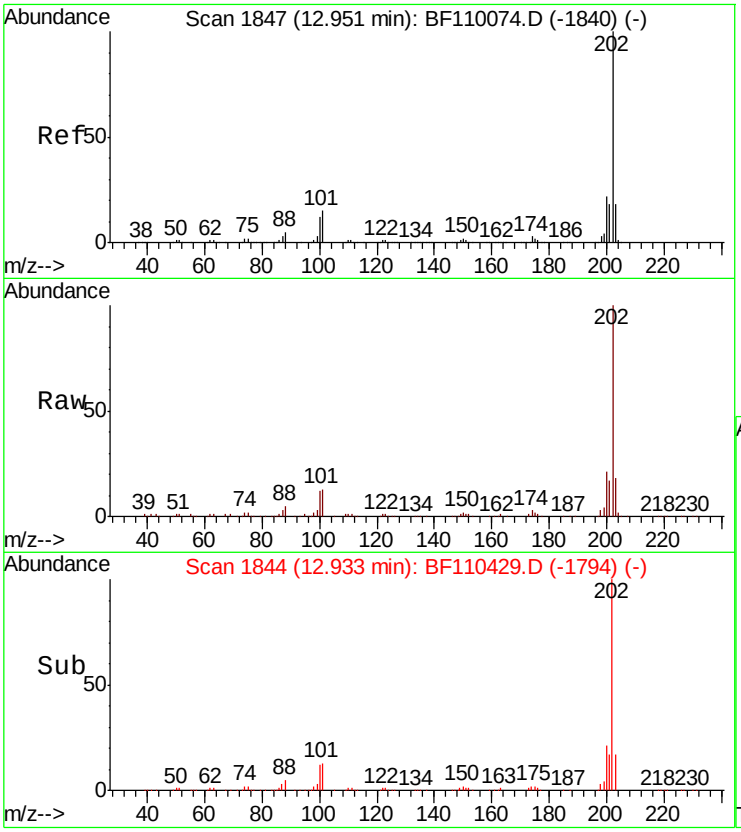


#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.13 min Scan# 2048
Delta R.T. -0.01 min
Lab File: BF110429.D
Acq: 2 Nov 2018 23:15

Tgt Ion:240 Resp: 151985

Ion	Ratio	Lower	Upper
240	100		
120	11.5	8.3	12.5
236	25.5	21.2	31.8



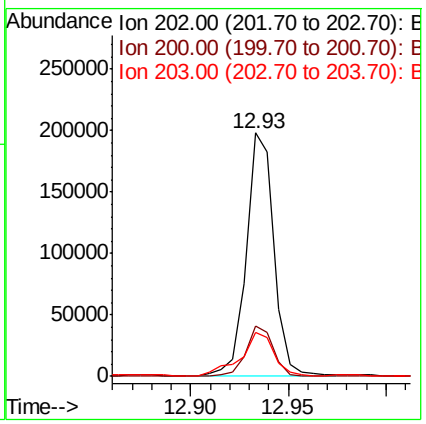


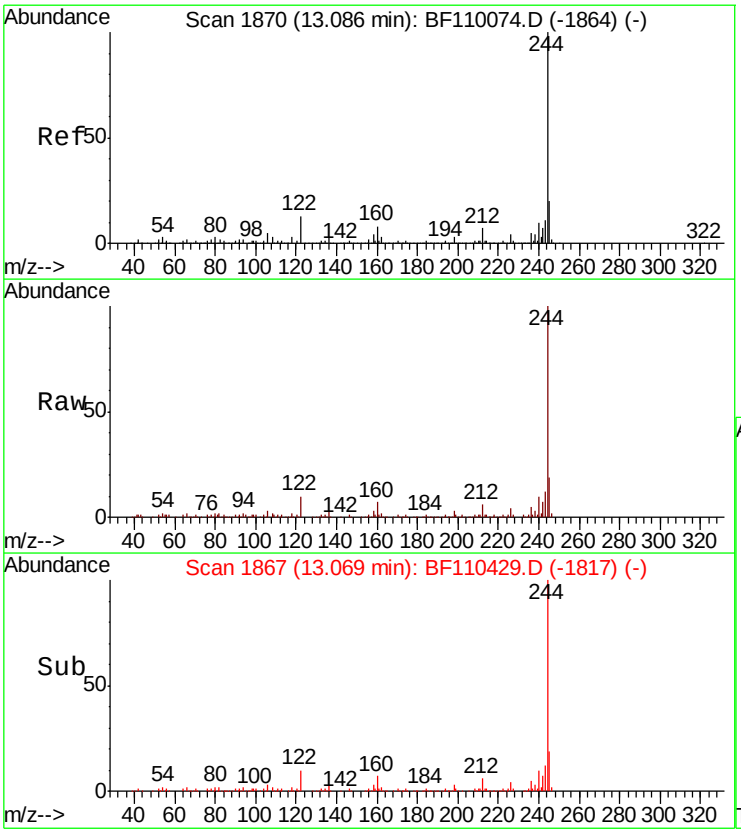
#78
Pyrene
Concen: 17.673 ng
RT: 12.93 min Scan# 1844
Delta R.T. -0.01 min
Lab File: BF110429.D
Acq: 2 Nov 2018 23:15

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:202 Resp: 192566

Ion	Ratio	Lower	Upper
202	100		
200	20.5	17.8	26.6
203	17.8	14.2	21.4

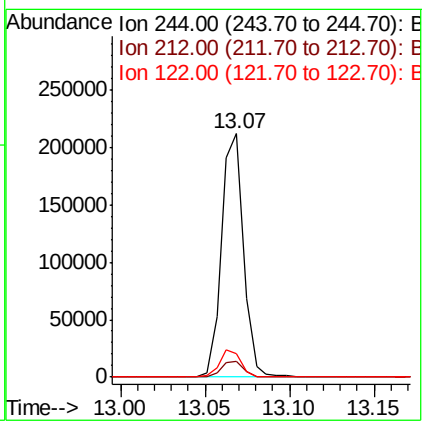


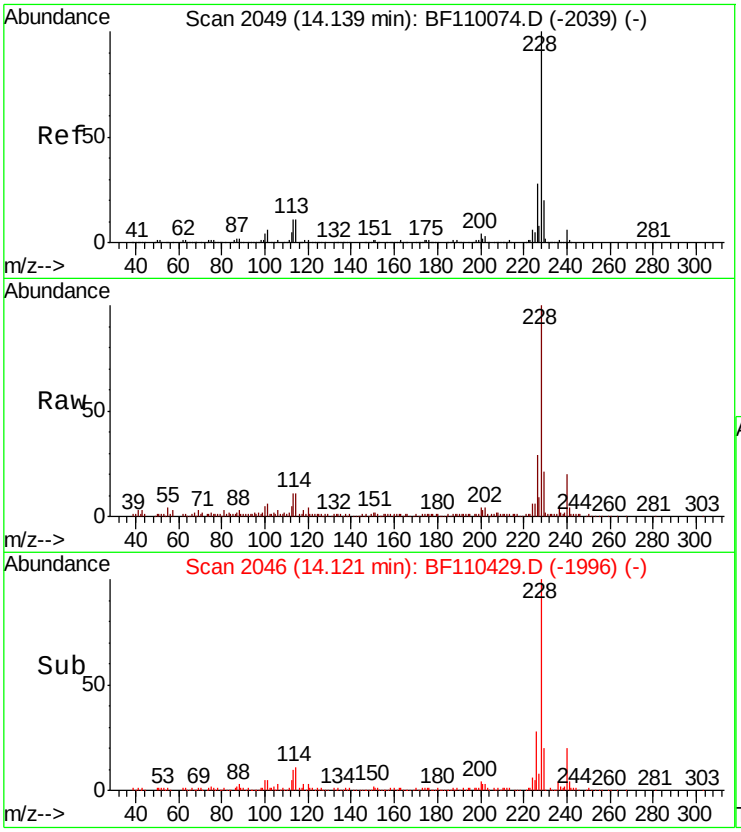


#79
Terphenyl-d14
Concen: 26.415 ng
RT: 13.07 min Scan# 1867
Delta R.T. -0.01 min
Lab File: BF110429.D
Acq: 2 Nov 2018 23:15

Tgt Ion:244 Resp: 193037

Ion	Ratio	Lower	Upper
244	100		
212	6.4	5.8	8.8
122	9.8	8.7	13.1



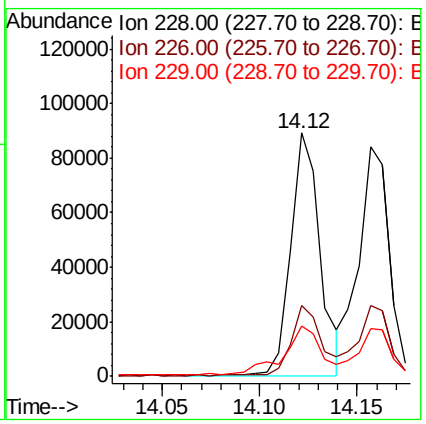


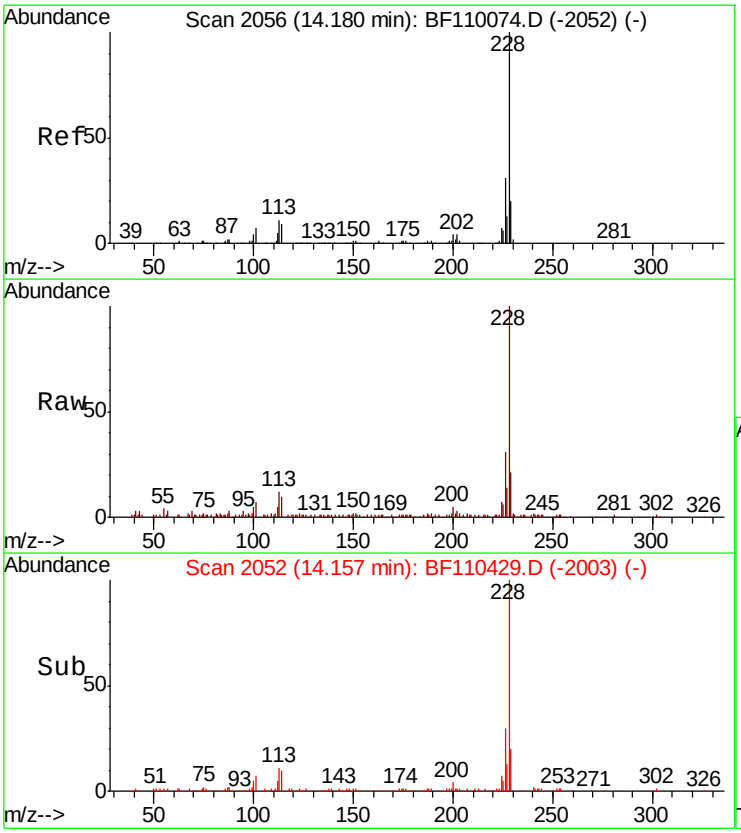
#81
Benzo(a)anthracene
Concen: 10.237 ng
RT: 14.12 min Scan# 2046
Delta R.T. -0.01 min
Lab File: BF110429.D
Acq: 2 Nov 2018 23:15

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:228 Resp: 92262

Ion	Ratio	Lower	Upper
228	100		
226	28.9	22.1	33.1
229	20.8	15.6	23.4

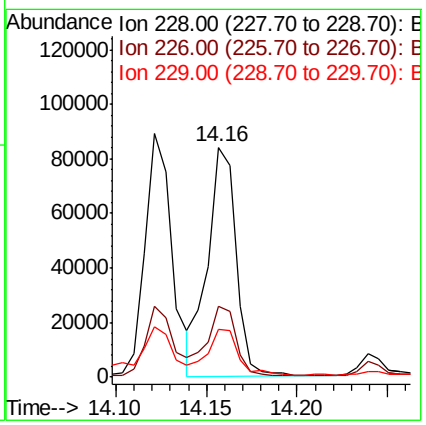


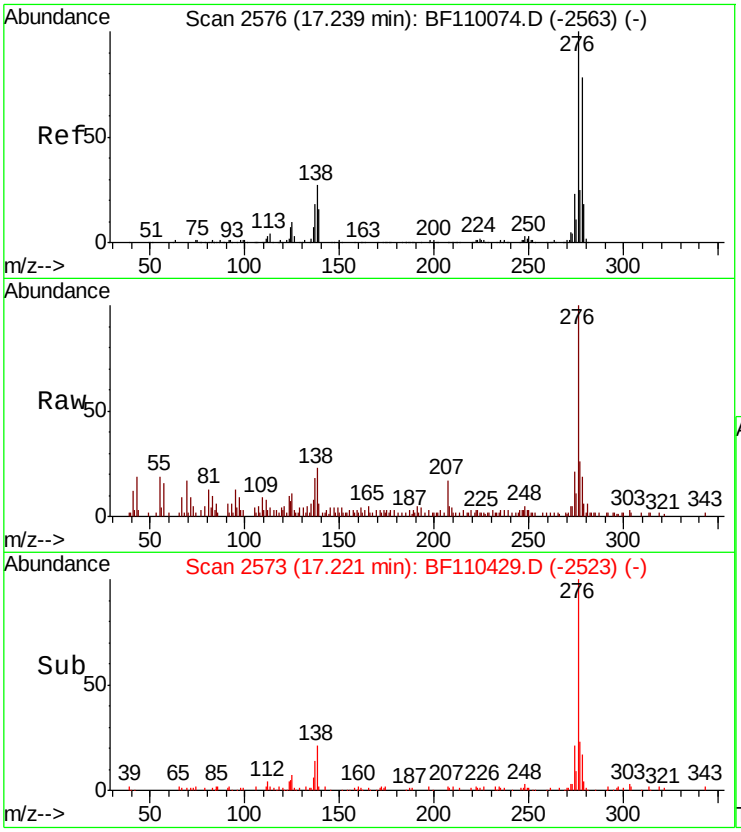


#83
Chrysene
Concen: 10.756 ng
RT: 14.16 min Scan# 2052
Delta R.T. -0.01 min
Lab File: BF110429.D
Acq: 2 Nov 2018 23:15

Tgt Ion:228 Resp: 92077

Ion	Ratio	Lower	Upper
228	100		
226	30.7	24.7	37.1
229	20.8	15.9	23.9



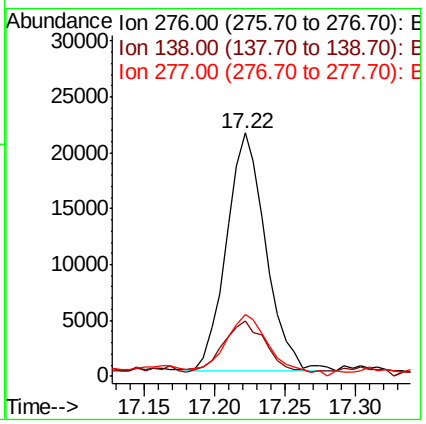


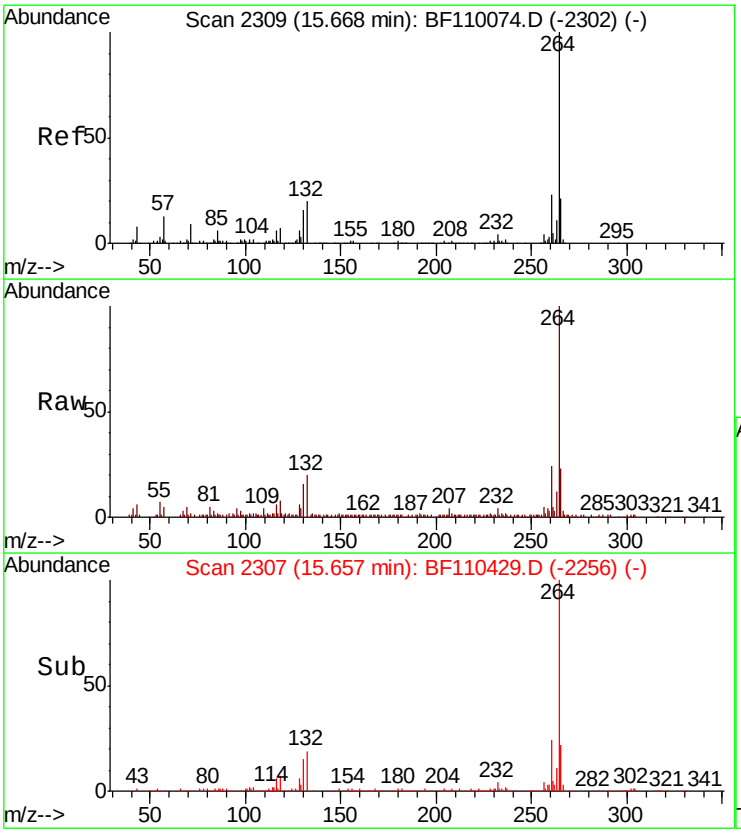
#86
Indeno(1,2,3-cd)pyrene
Concen: 5.776 ng
RT: 17.22 min Scan# 2573
Delta R.T. -0.01 min
Lab File: BF110429.D
Acq: 2 Nov 2018 23:15

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:276 Resp: 41022

Ion	Ratio	Lower	Upper
276	100		
138	22.9	18.5	27.7
277	30.3	20.0	30.0#

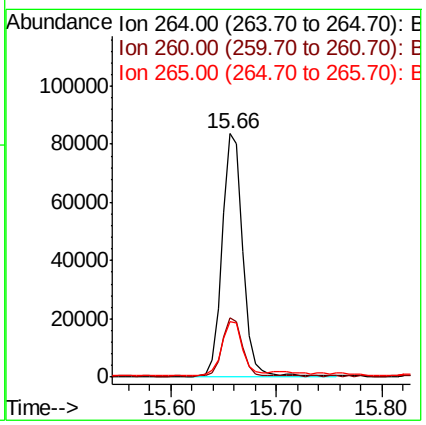


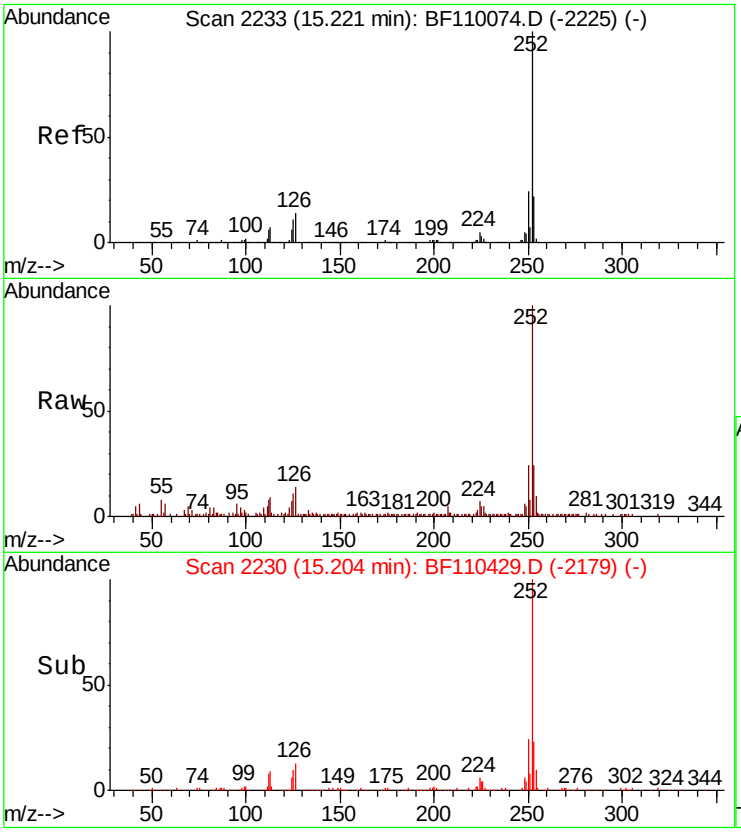


#87
Perylene-d12
Concen: 20.000 ng
RT: 15.66 min Scan# 2307
Delta R.T. 0.00 min
Lab File: BF110429.D
Acq: 2 Nov 2018 23:15

Tgt Ion:264 Resp: 114425

Ion	Ratio	Lower	Upper
264	100		
260	24.4	18.7	28.1
265	22.6	16.7	25.1



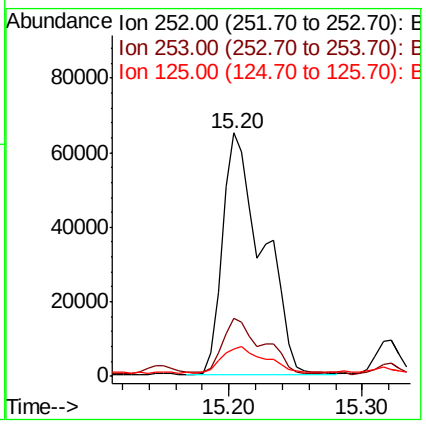


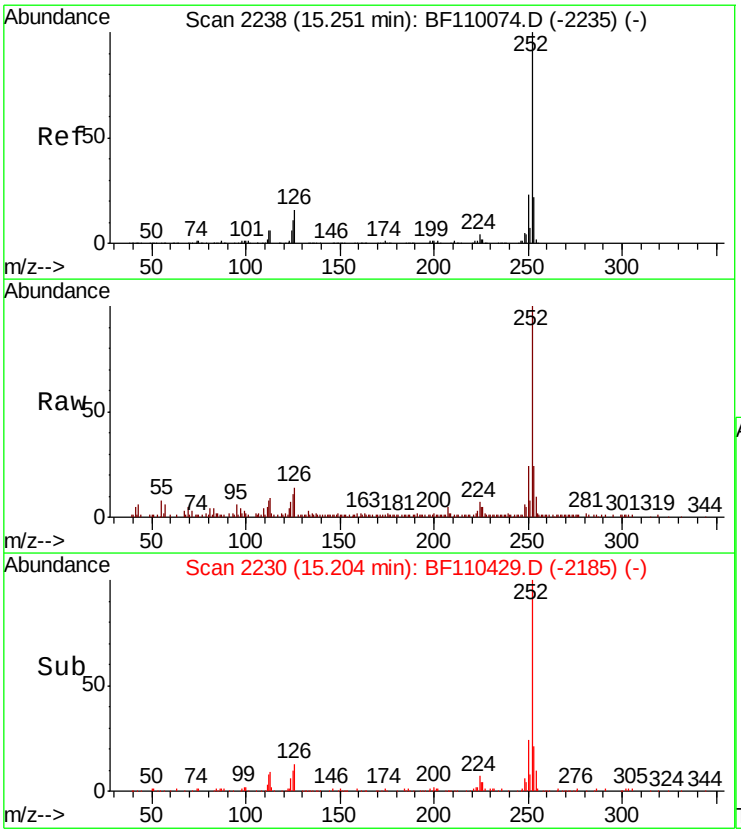
#88
Benzo(b)fluoranthene
Concen: 20.666 ng
RT: 15.20 min Scan# 2230
Delta R.T. 0.00 min
Lab File: BF110429.D
Acq: 2 Nov 2018 23:15

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:252 Resp: 136553

Ion	Ratio	Lower	Upper
252	100		
253	24.0	17.2	25.8
125	11.4	8.2	12.4

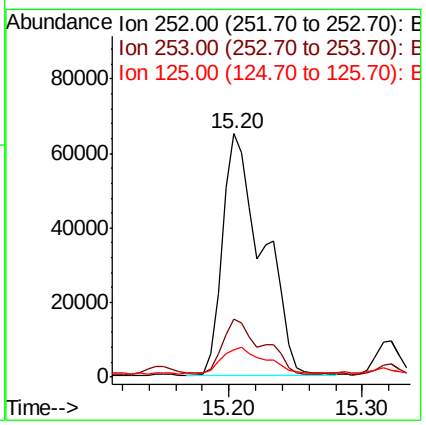


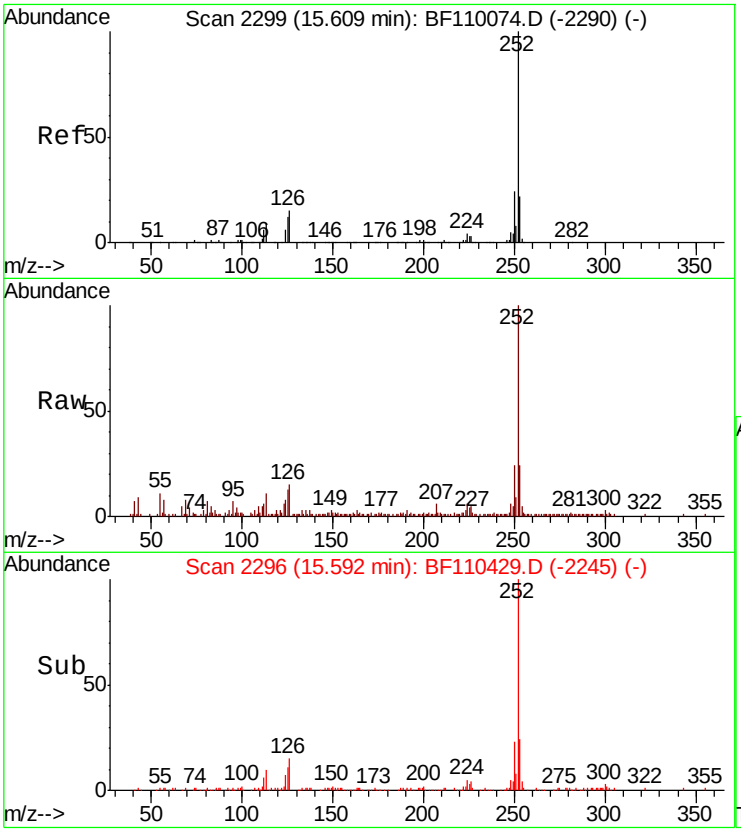


#89
Benzo(k)fluoranthene
Concen: 21.021 ng
RT: 15.20 min Scan# 2230
Delta R.T. -0.04 min
Lab File: BF110429.D
Acq: 2 Nov 2018 23:15

Tgt Ion:252 Resp: 136553

Ion	Ratio	Lower	Upper
252	100		
253	24.0	17.2	25.8
125	11.4	7.4	11.0#



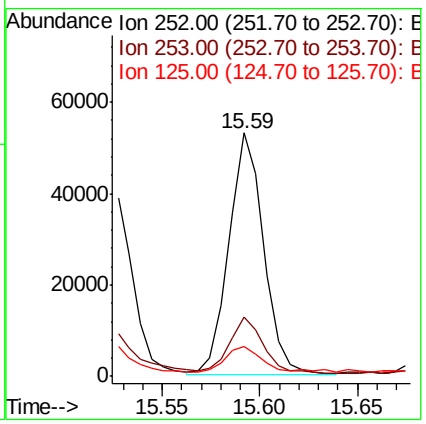


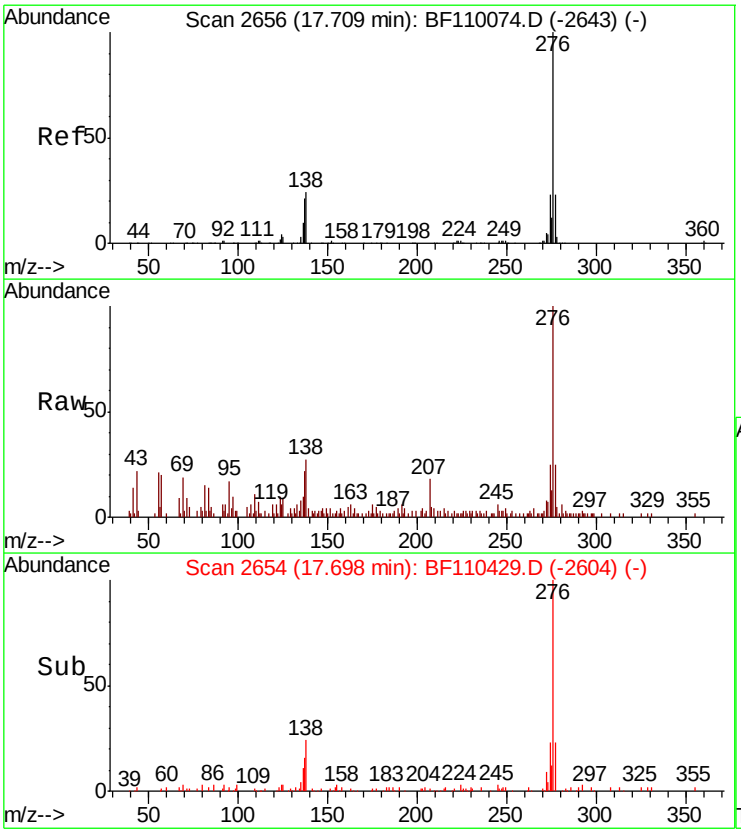
#90
Benzo(a)pyrene
Concen: 10.755 ng
RT: 15.59 min Scan# 2296
Delta R.T. 0.00 min
Lab File: BF110429.D
Acq: 2 Nov 2018 23:15

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:252 Resp: 65394

Ion	Ratio	Lower	Upper
252	100		
253	24.4	18.2	27.4
125	12.5	9.0	13.6





#92
Benzo(g,h,i)perylene
Concen: 8.896 ng
RT: 17.70 min Scan# 2654
Delta R.T. -0.01 min
Lab File: BF110429.D
Acq: 2 Nov 2018 23:15

Tgt Ion:276 Resp: 45989

Ion	Ratio	Lower	Upper
276	100		
277	25.4	18.8	28.2
138	27.1	16.0	24.0#