Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF110618\
Data File : BF110505.D
Acq On : 6 Nov 2018 10:43
Operator : JU/SJ
Sample : J5813-01
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId :

Quant Time: Nov 06 12:05:53 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	6.95	152	104592	20.00	ng		0.00
21) Naphthalene-d8	8.23	136	417196	20.00	ng		0.00
39) Acenaphthene-d10	9.99	164	188587	20.00	ng		0.00
64) Phenanthrene-d10	11.49	188	290768	20.00	ng		0.00
76) Chrysene-d12	14.13	240	182277	20.00	ng		0.00
87) Perylene-d12	15.66	264	167129	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.59	112	686480	106.88	ng		0.01
7) Phenol-d6	6.59	99	873661	106.35	ng		0.00
23) Nitrobenzene-d5	7.52	82	555346	78.95	ng		0.00
42) 2,4,6-Tribromophenol	10.79	330	168310	90.10	ng		0.00
45) 2-Fluorobiphenyl	9.31	172	929879	77.43	ng		0.00
79) Terphenyl-d14	13.07	244	557894	63.65	ng		0.00
Target Compounds							Qvalue
9) Benzaldehyde	6.73	77	16934	2.114	ng		83
10) Phenol	6.59	94	59301	6.753	ng		81
19) n-Nitroso-di-n-propylamine	7.52	70	74655	14.165	ng	#	81
25) Isophorone	7.52	82	555342	46.318	ng	#	67
50) Dimethylphthalate	9.70	163	165803	11.910	ng		99
57) 2,4-Dinitrotoluene	9.99	165	24352	6.394	ng	#	20
67) 4-Bromophenyl-phenylether	10.79	248	10685	3.388	ng	#	1
71) Phenanthrene	11.51	178	48293	3.174	ng		99
72) Anthracene	11.51	178	48293	3.167	ng		99
75) Fluoranthene	12.70	202	93518	6.057	ng		99
78) Pyrene	12.93	202	75097	5.747	ng		97
81) Benzo(a)anthracene	14.12	228	30456	2.818	ng		98
83) Chrysene	14.16	228	32710	3.186	ng		95
88) Benzo(b)fluoranthene	15.20	252	59952	6.212	ng	#	92
89) Benzo(k)fluoranthene	15.20	252	59952	6.319	ng	#	91
90) Benzo(a)pyrene	15.59	252	26296	2.961	ng	#	93

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

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Misc :
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Nov 01 16:06:12 2018
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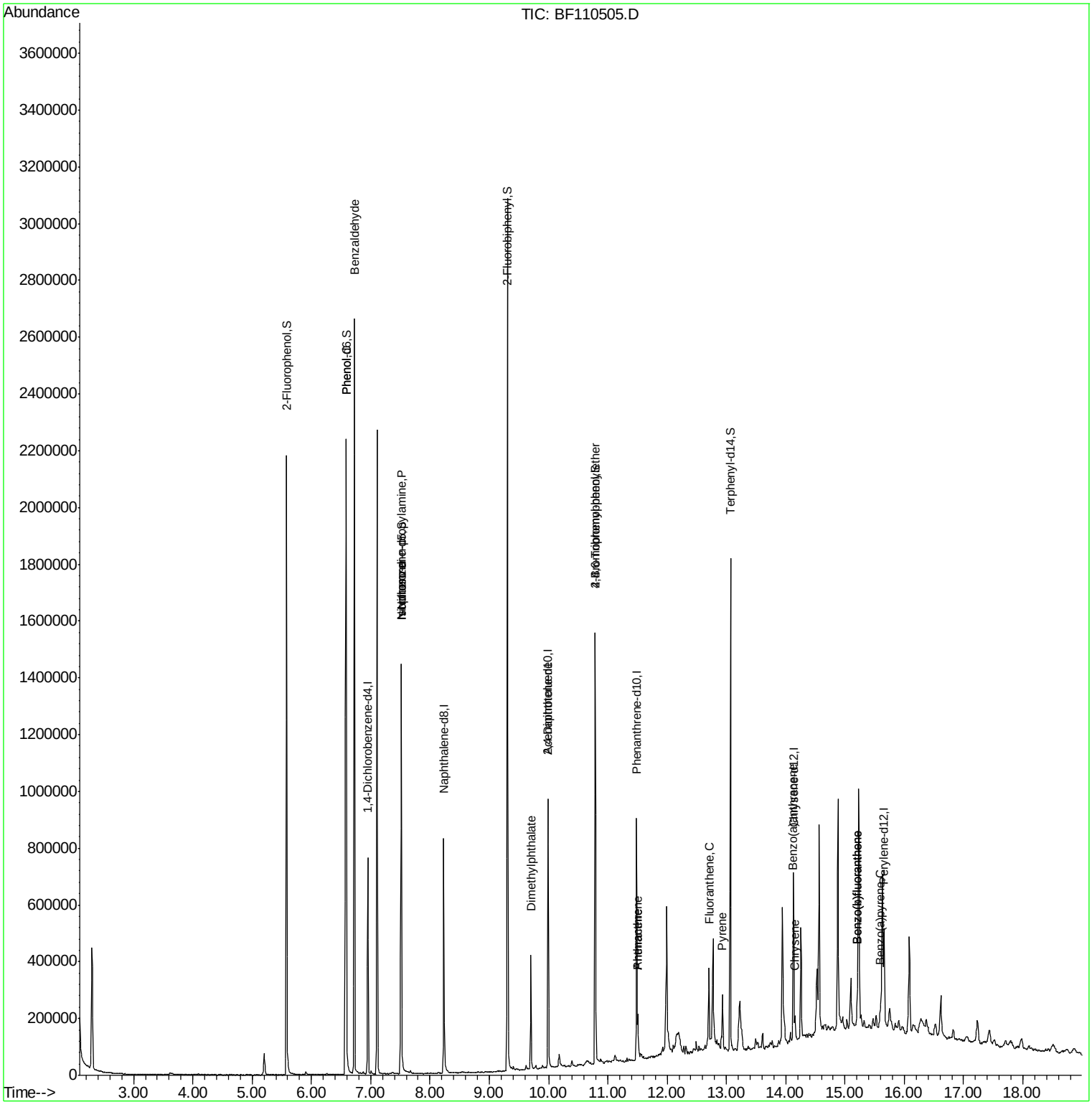
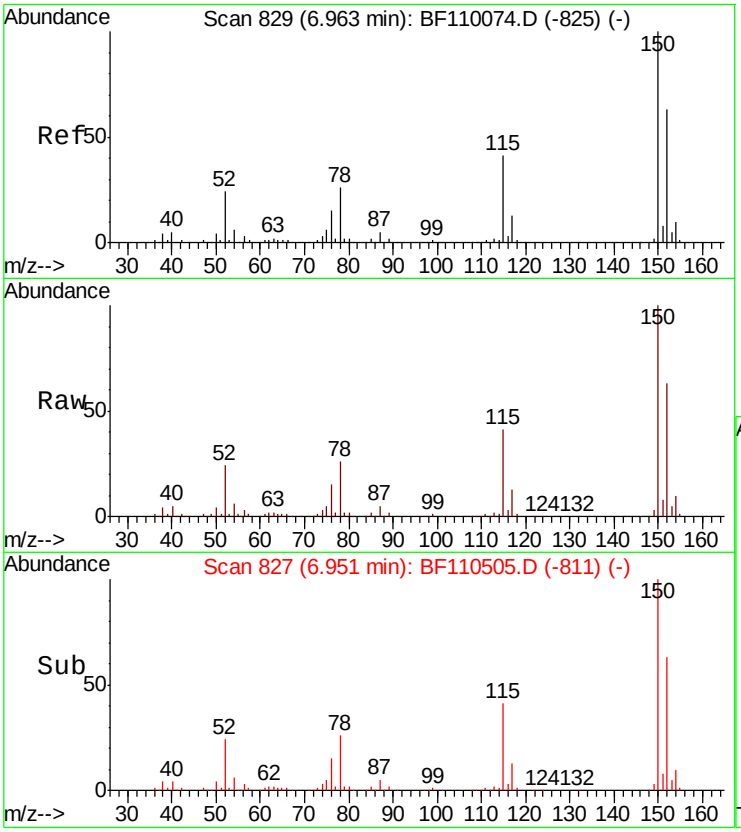


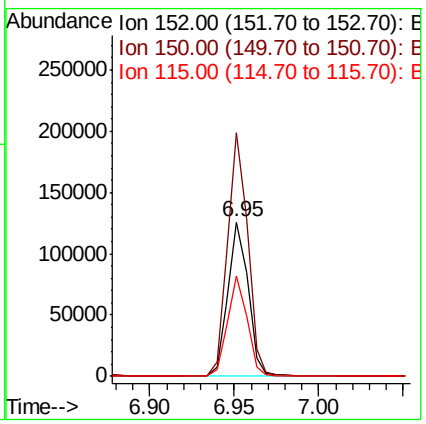


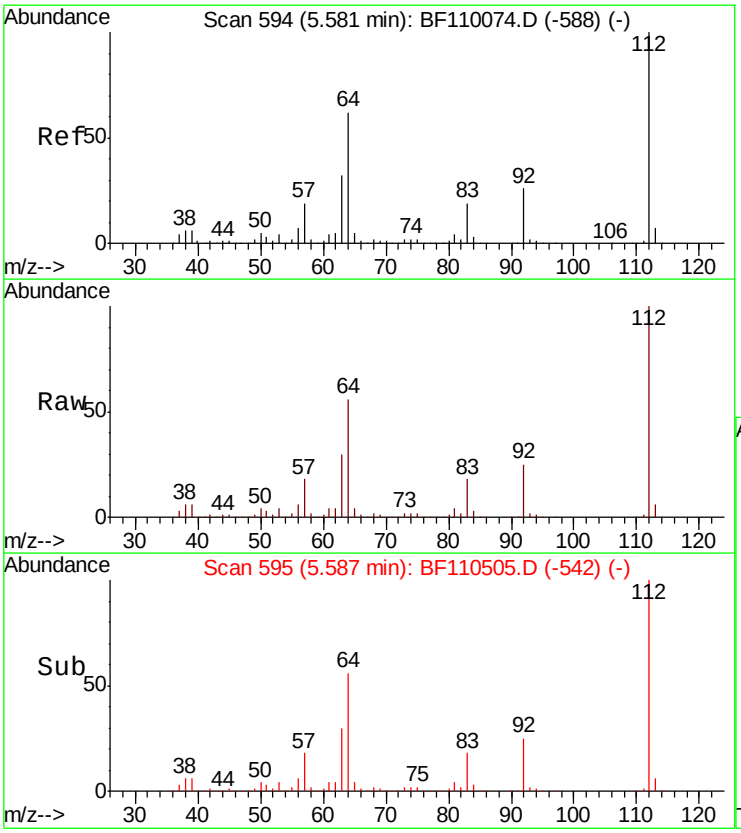
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.95 min Scan# 827
Delta R.T. -0.01 min
Lab File: BF110505.D
Acq: 6 Nov 2018 10:43

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:152 Resp: 104592

Ion	Ratio	Lower	Upper
152	100		
150	157.6	122.7	184.1
115	64.8	49.1	73.7

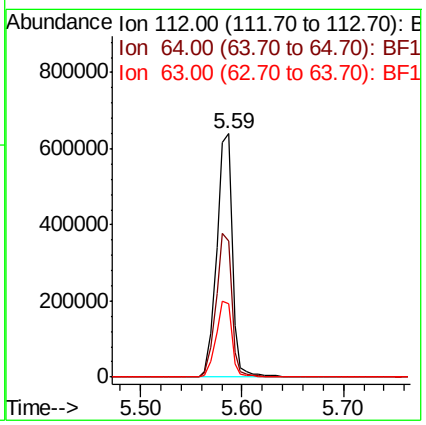


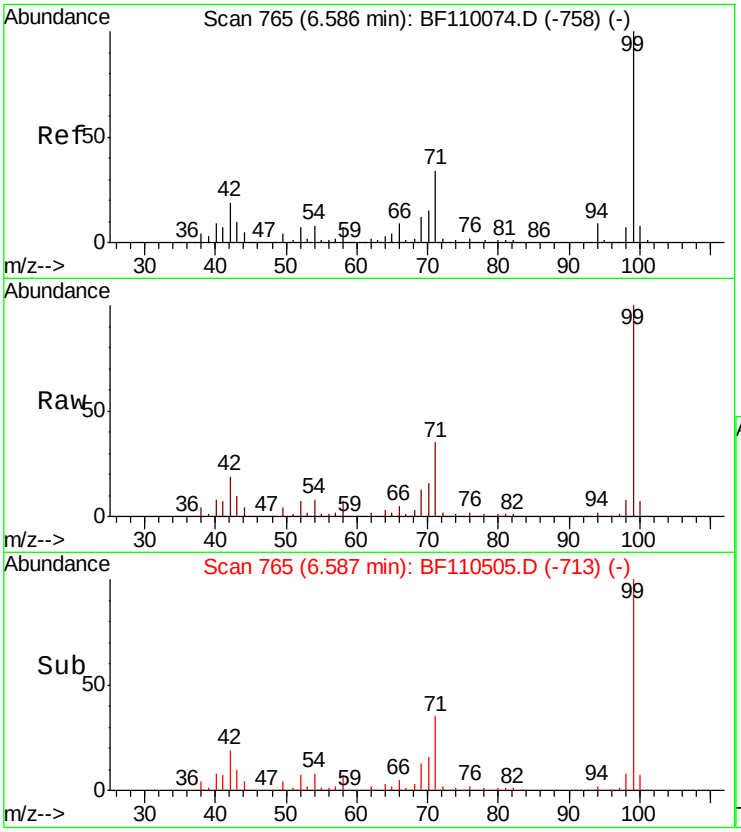


#5
2-Fluorophenol
Concen: 106.882 ng
RT: 5.59 min Scan# 595
Delta R.T. 0.01 min
Lab File: BF110505.D
Acq: 6 Nov 2018 10:43

Tgt Ion:112 Resp: 686480

Ion	Ratio	Lower	Upper
112	100		
64	56.0	44.1	66.1
63	30.0	23.7	35.5



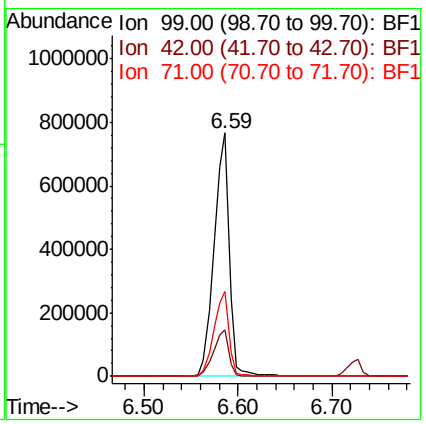


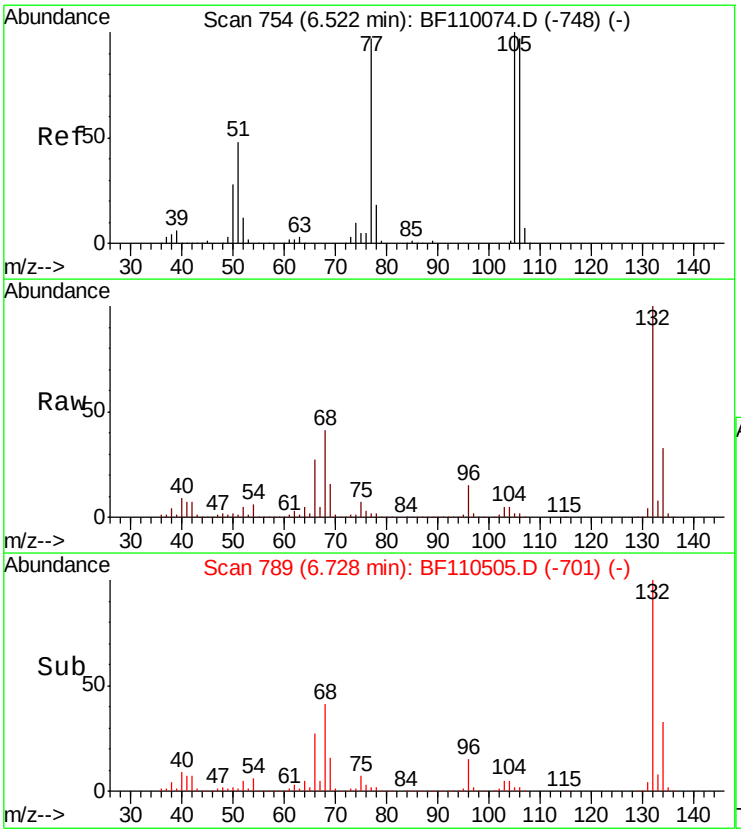
#7
Phenol-d6
Concen: 106.346 ng
RT: 6.59 min Scan# 765
Delta R.T. 0.01 min
Lab File: BF110505.D
Acq: 6 Nov 2018 10:43

Instrument :
BNA_F
ClientSampleId :

Tgt Ion: 99 Resp: 873661

Ion	Ratio	Lower	Upper
99	100		
42	19.3	15.8	23.6
71	35.1	28.0	42.0

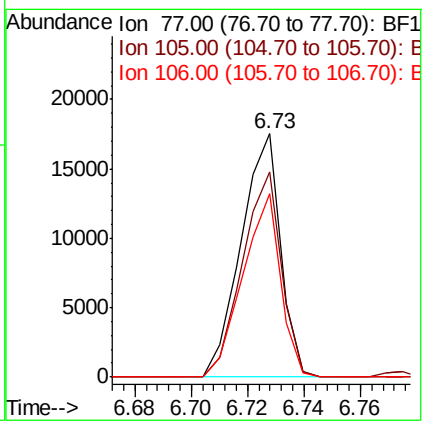


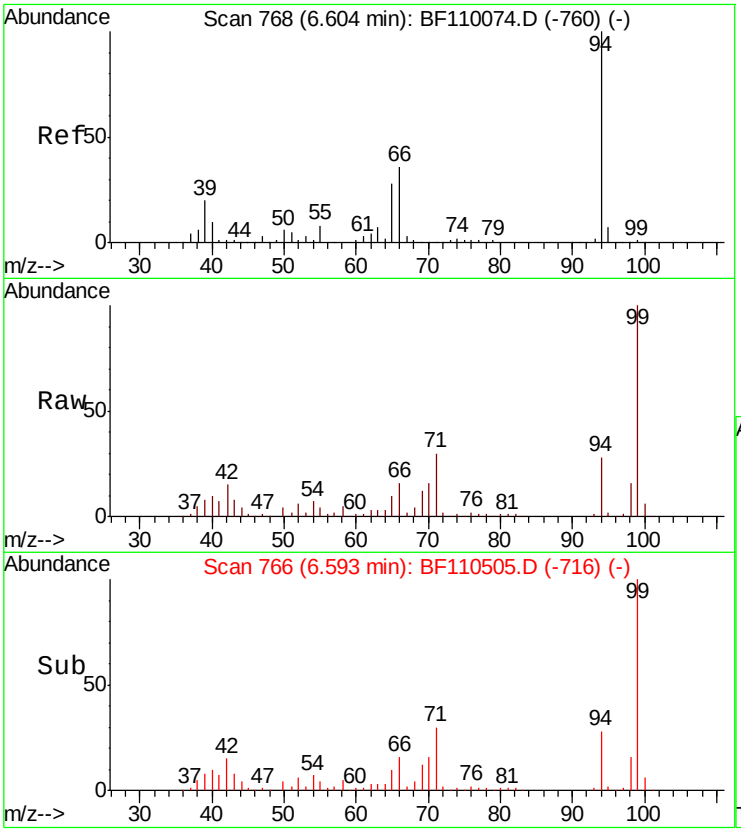


#9
Benzaldehyde
Concen: 2.114 ng
RT: 6.73 min Scan# 789
Delta R.T. 0.22 min
Lab File: BF110505.D
Acq: 6 Nov 2018 10:43

Tgt Ion: 77 Resp: 16934

Ion	Ratio	Lower	Upper
77	100		
105	84.2	78.6	118.6
106	75.2	74.8	114.8



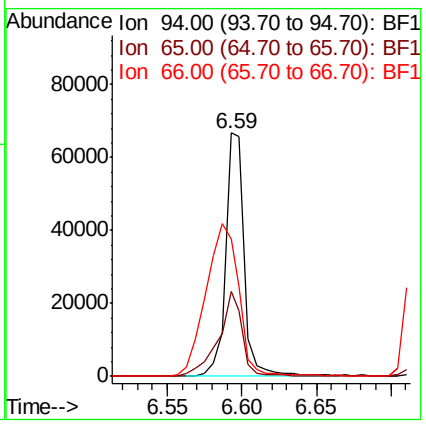


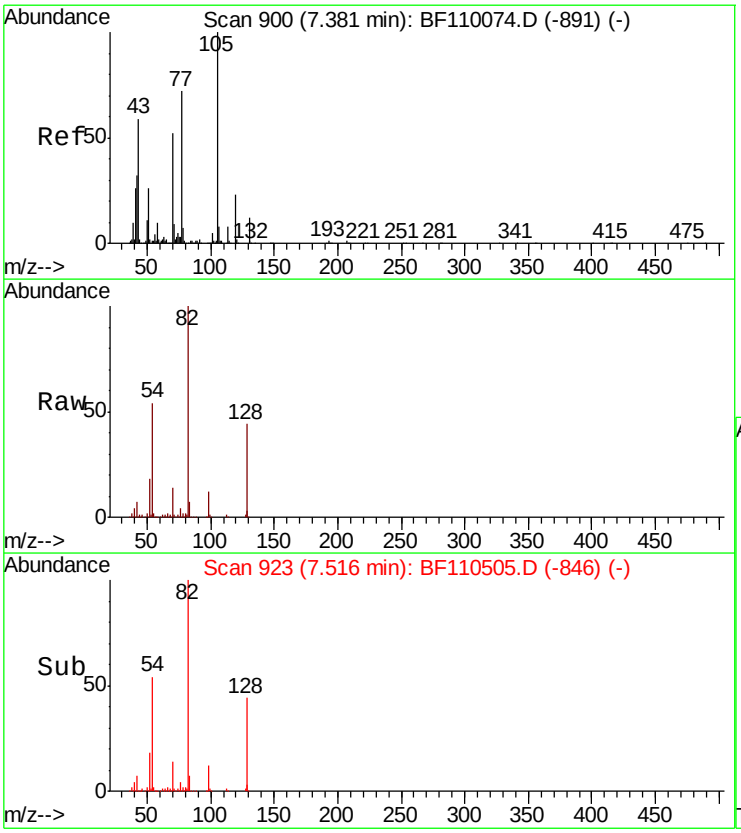
#10
Phenol
Concen: 6.753 ng
RT: 6.59 min Scan# 766
Delta R.T. -0.01 min
Lab File: BF110505.D
Acq: 6 Nov 2018 10:43

Instrument :
BNA_F
ClientSampleId :

Tgt Ion: 94 Resp: 59301

Ion	Ratio	Lower	Upper
94	100		
65	35.0	25.3	65.3
66	56.6	54.5	94.5

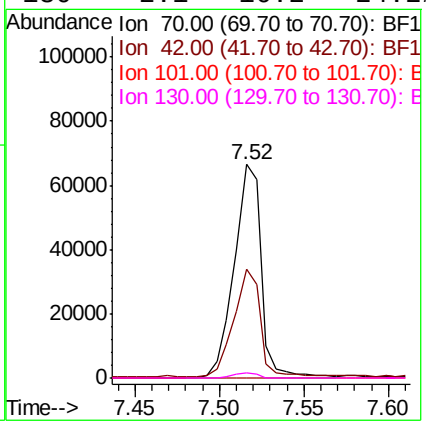


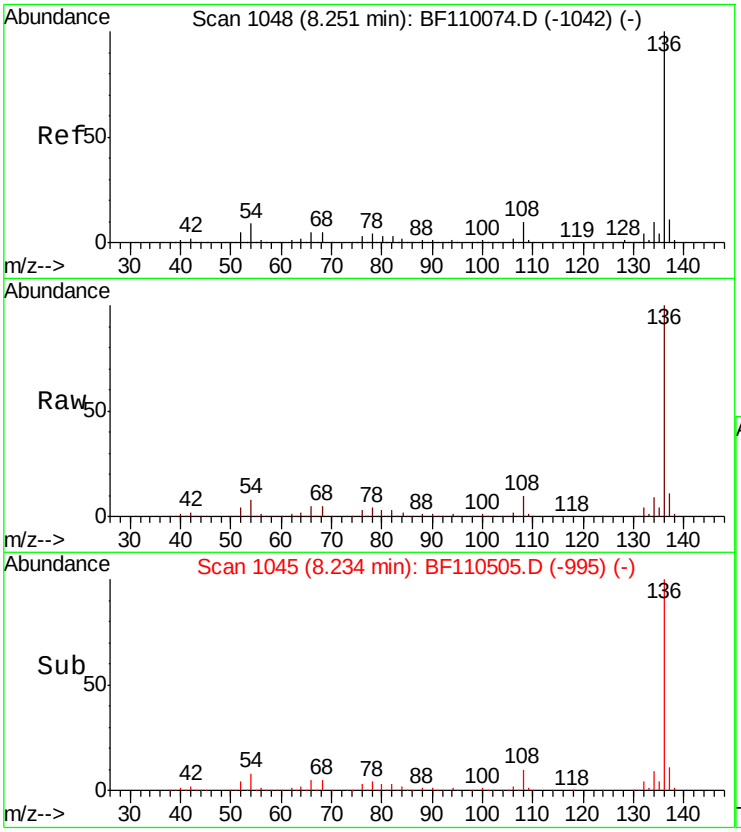


#19
n-Nitroso-di-n-propylamine
Concen: 14.165 ng
RT: 7.52 min Scan# 923
Delta R.T. 0.15 min
Lab File: BF110505.D
Acq: 6 Nov 2018 10:43

Tgt Ion: 70 Resp: 74655

Ion	Ratio	Lower	Upper
70	100		
42	50.9	47.4	71.2
101	0.0	7.3	10.9#
130	2.1	16.2	24.2#



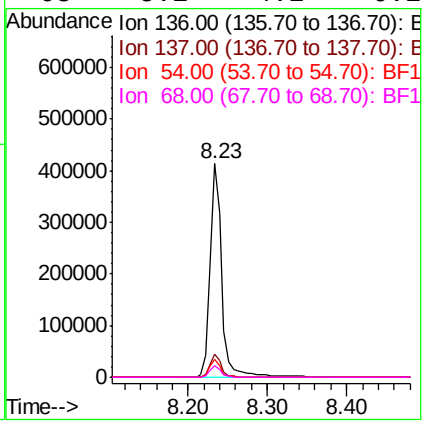


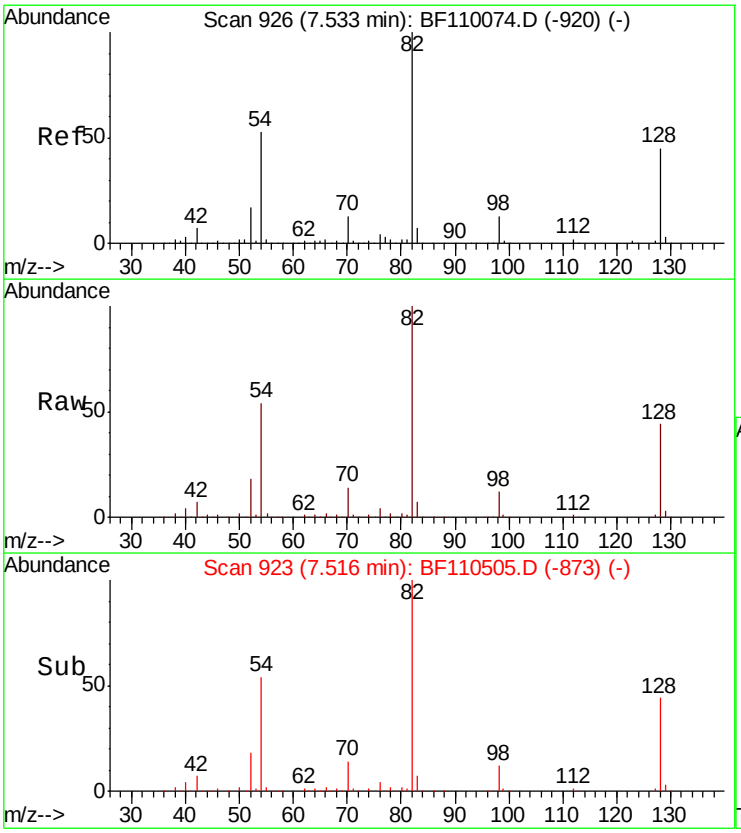
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.23 min Scan# 1045
Delta R.T. -0.01 min
Lab File: BF110505.D
Acq: 6 Nov 2018 10:43

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:136 Resp: 417196

Ion	Ratio	Lower	Upper
136	100		
137	10.9	8.8	13.2
54	8.3	5.4	8.2#
68	5.2	4.2	6.2

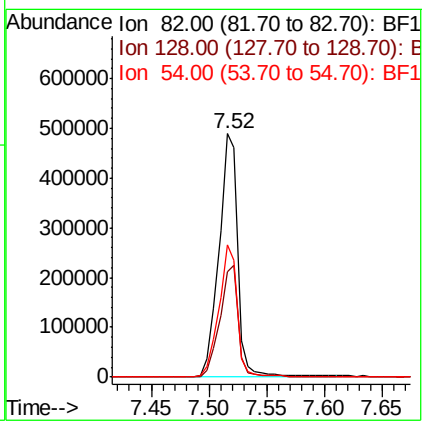


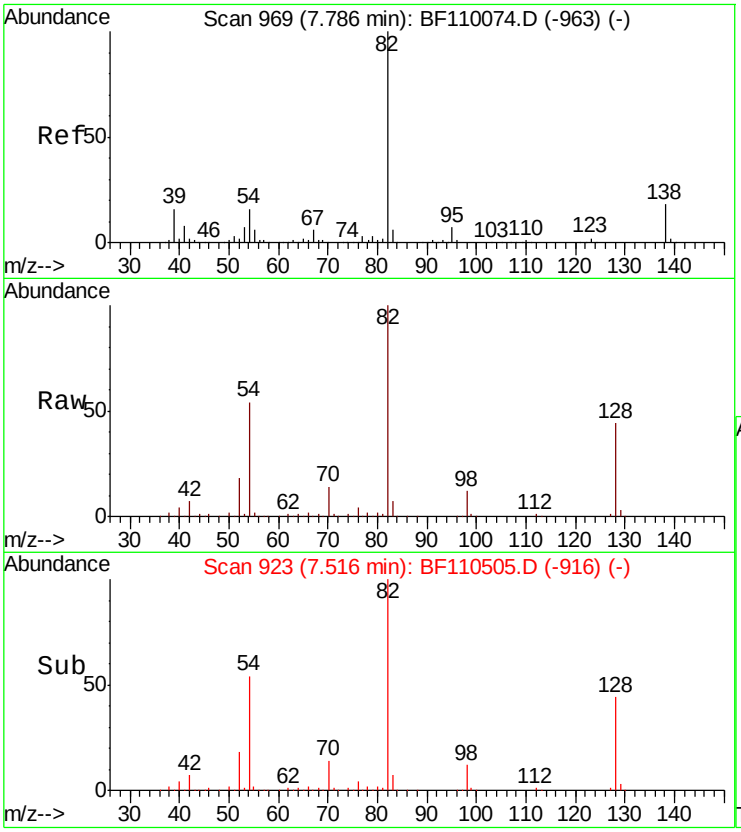


#23
Nitrobenzene-d5
Concen: 78.954 ng
RT: 7.52 min Scan# 923
Delta R.T. -0.01 min
Lab File: BF110505.D
Acq: 6 Nov 2018 10:43

Tgt Ion: 82 Resp: 555346

Ion	Ratio	Lower	Upper
82	100		
128	43.5	34.2	51.2
54	54.3	38.6	58.0



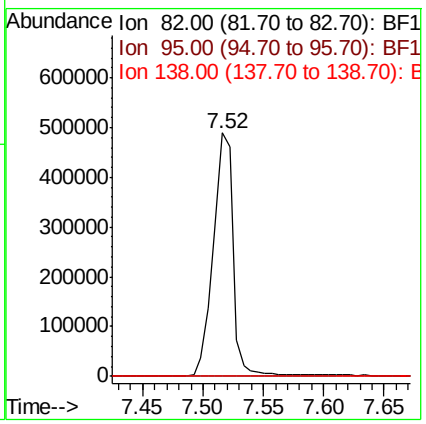


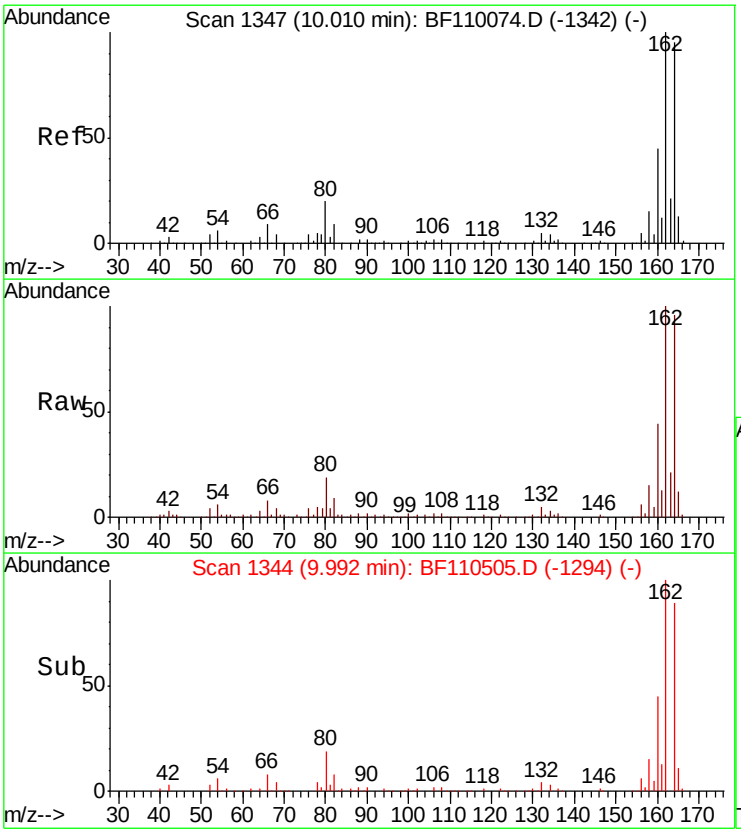
#25
Isophorone
Concen: 46.318 ng
RT: 7.52 min Scan# 923
Delta R.T. -0.26 min
Lab File: BF110505.D
Acq: 6 Nov 2018 10:43

Instrument :
BNA_F
ClientSampleId :

Tgt Ion: 82 Resp: 555342

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

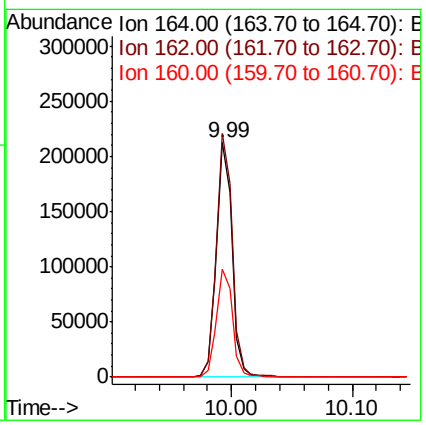


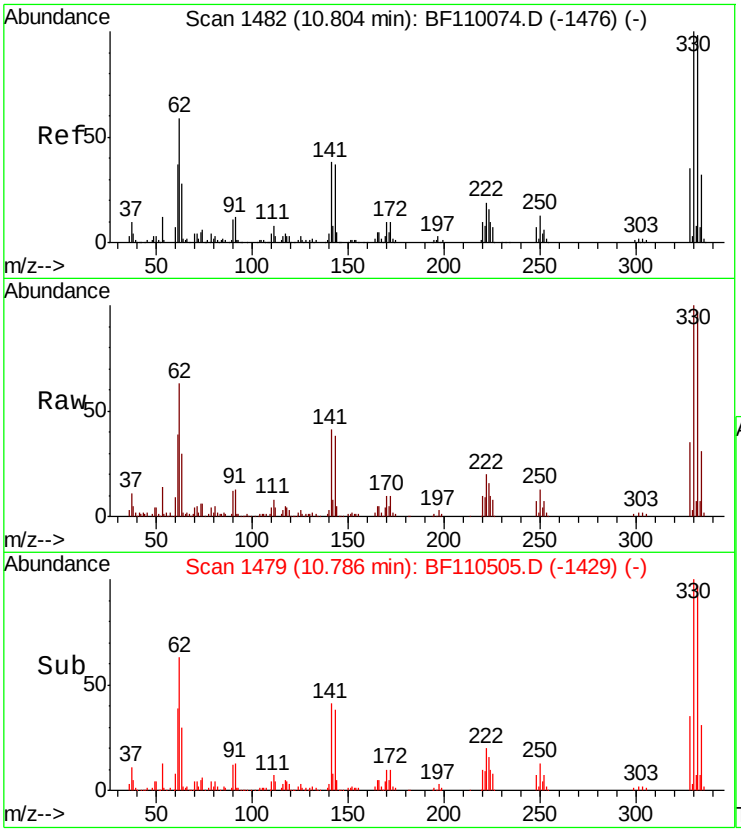


#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.99 min Scan# 1344
Delta R.T. -0.01 min
Lab File: BF110505.D
Acq: 6 Nov 2018 10:43

Tgt Ion:164 Resp: 188587

Ion	Ratio	Lower	Upper
164	100		
162	104.0	83.0	124.6
160	46.2	37.0	55.6



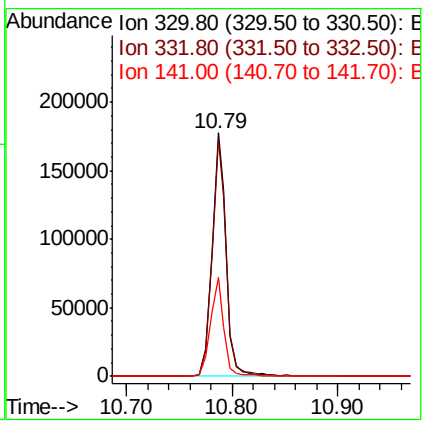


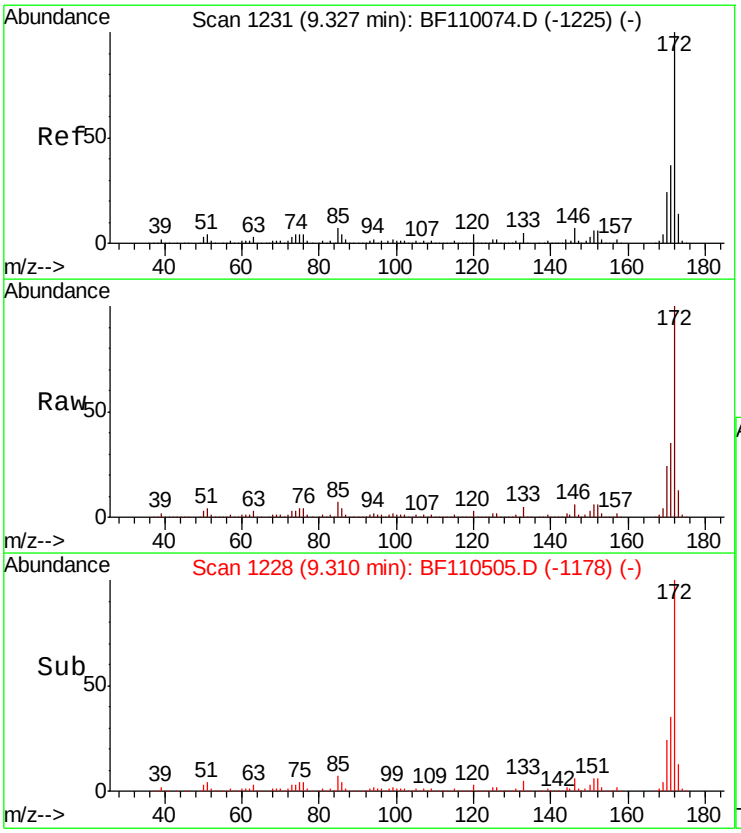
#42
2,4,6-Tribromophenol
Concen: 90.098 ng
RT: 10.79 min Scan# 1479
Delta R.T. -0.01 min
Lab File: BF110505.D
Acq: 6 Nov 2018 10:43

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:330 Resp: 168310

Ion	Ratio	Lower	Upper
330	100		
332	97.4	77.1	115.7
141	39.0	27.0	40.4

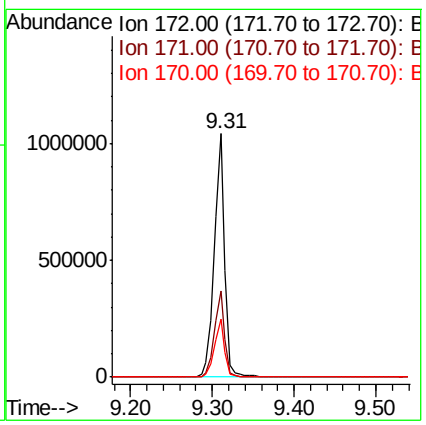


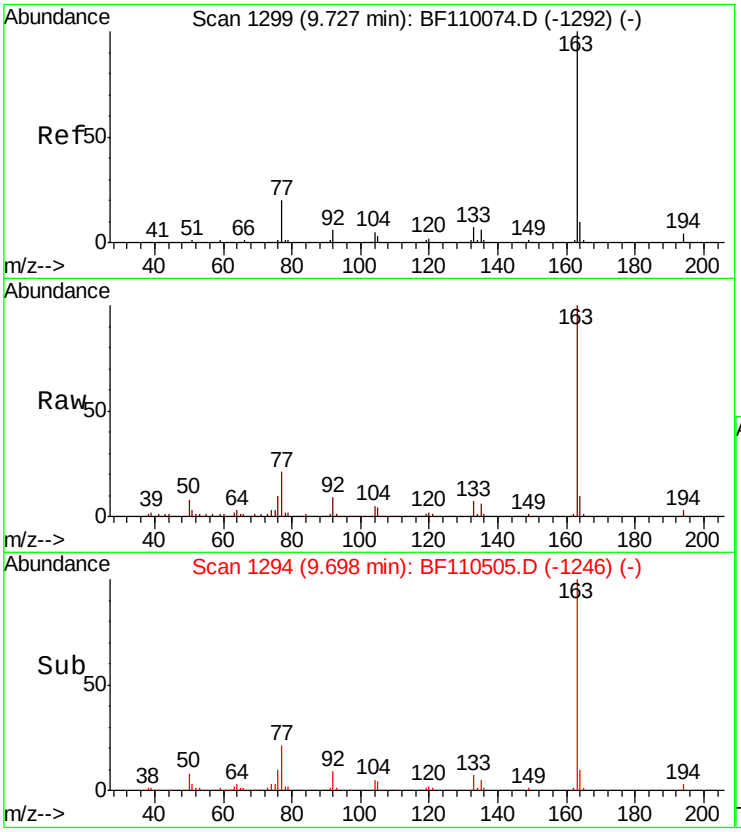


#45
2-Fluorobiphenyl
Concen: 77.426 ng
RT: 9.31 min Scan# 1228
Delta R.T. -0.01 min
Lab File: BF110505.D
Acq: 6 Nov 2018 10:43

Tgt Ion:172 Resp: 929879

Ion	Ratio	Lower	Upper
172	100		
171	35.5	28.6	43.0
170	23.7	19.7	29.5

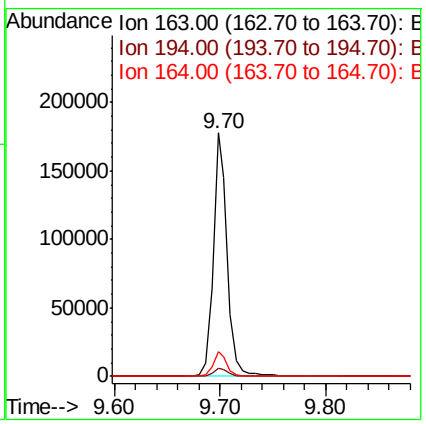




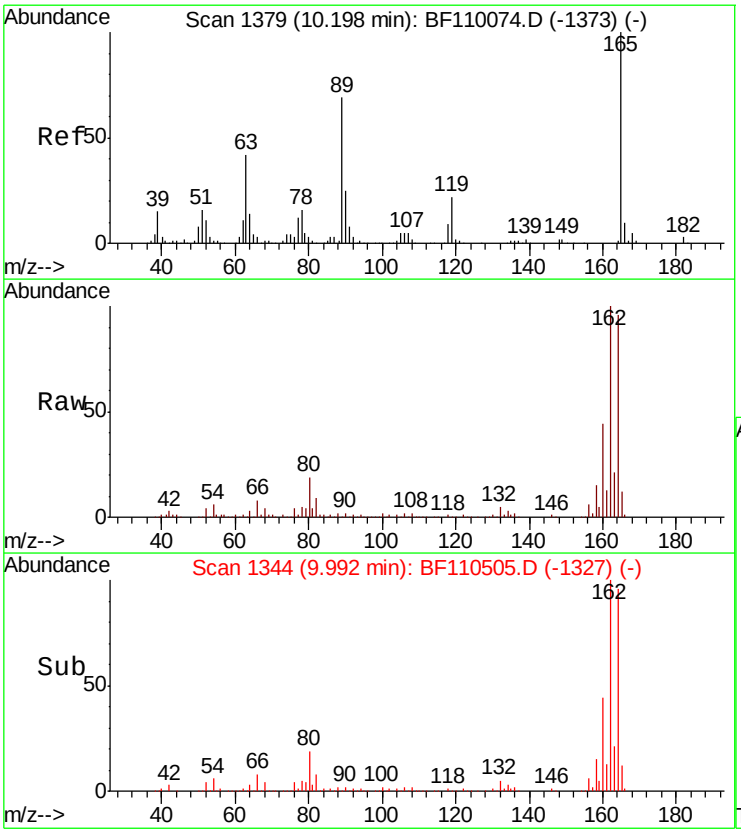
#50
Dimethylphthalate
Concen: 11.910 ng
RT: 9.70 min Scan# 1294
Delta R.T. -0.02 min
Lab File: BF110505.D
Acq: 6 Nov 2018 10:43

Tgt Ion:163 Resp: 165803

Ion	Ratio	Lower	Upper
163	100		
194	3.4	3.2	4.8
164	10.1	8.1	12.1



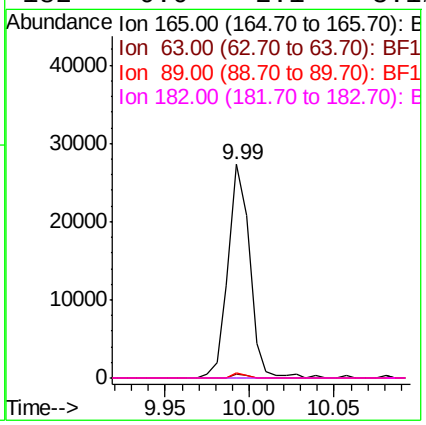
Instrument :
BNA_F
ClientSampleId :

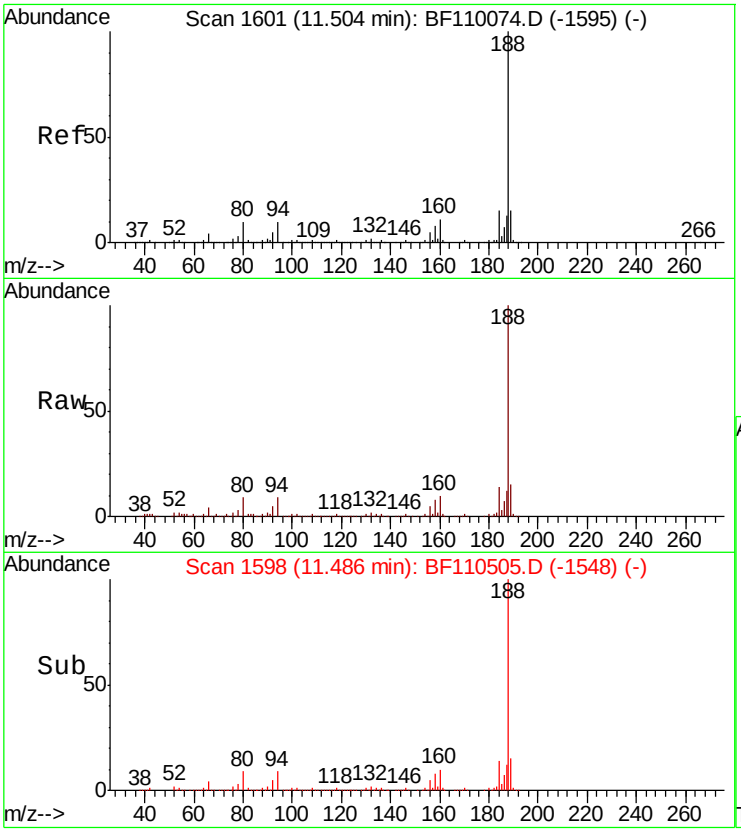


#57
2,4-Dinitrotoluene
Concen: 6.394 ng
RT: 9.99 min Scan# 1344
Delta R.T. -0.20 min
Lab File: BF110505.D
Acq: 6 Nov 2018 10:43

Tgt Ion:165 Resp: 24352

Ion	Ratio	Lower	Upper
165	100		
63	1.6	44.8	67.2#
89	2.2	62.2	93.4#
182	0.0	2.1	3.1#



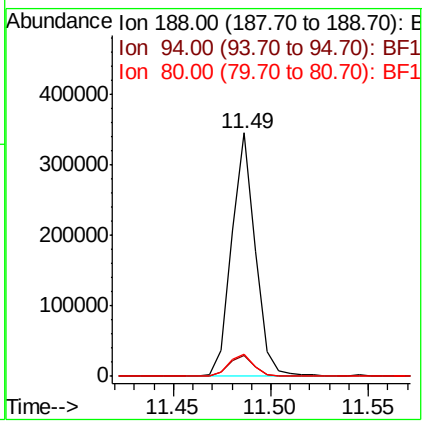


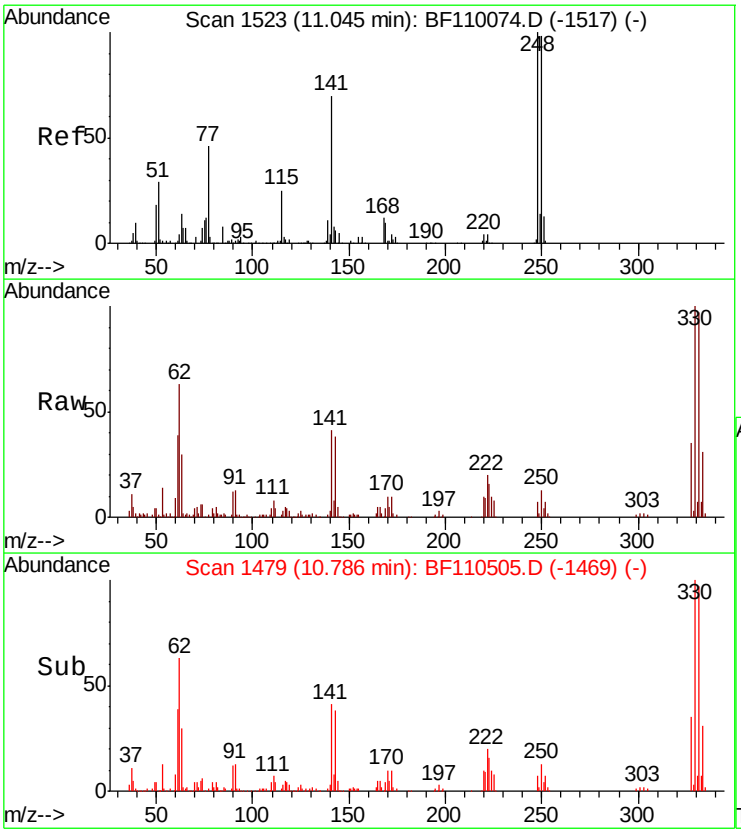
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.49 min Scan# 1598
Delta R.T. -0.01 min
Lab File: BF110505.D
Acq: 6 Nov 2018 10:43

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:188 Resp: 290768

Ion	Ratio	Lower	Upper
188	100		
94	8.6	7.2	10.8
80	9.3	7.9	11.9

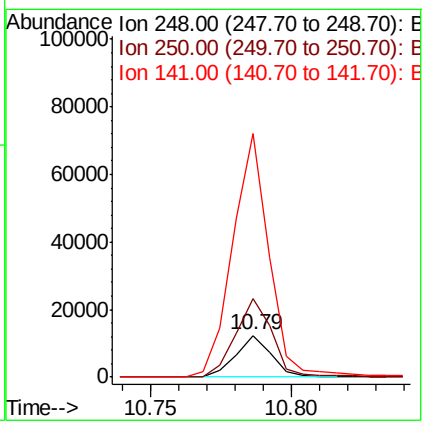


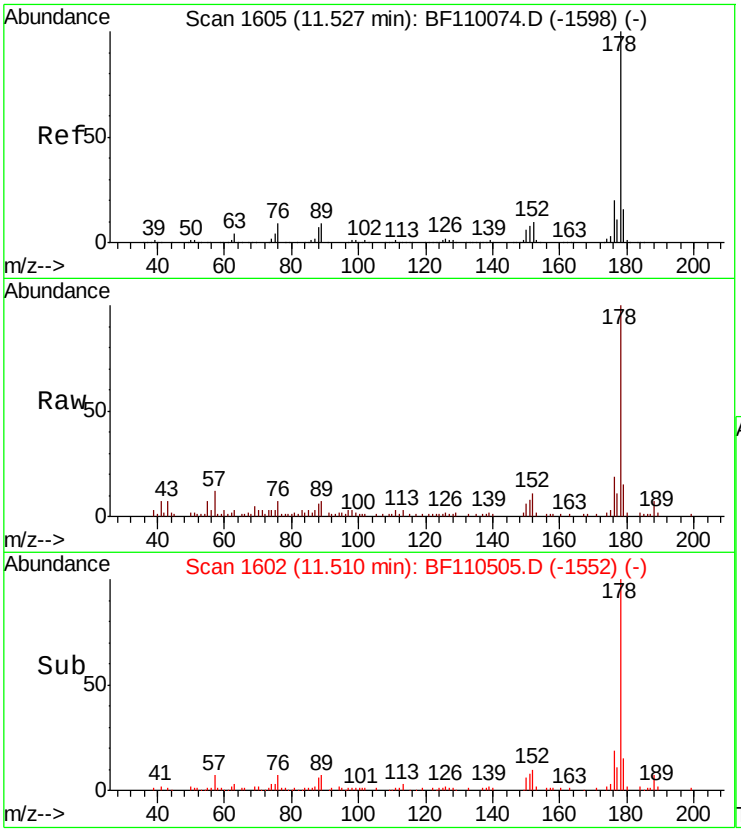


#67
4-Bromophenyl-phenylether
Concen: 3.388 ng
RT: 10.79 min Scan# 1479
Delta R.T. -0.24 min
Lab File: BF110505.D
Acq: 6 Nov 2018 10:43

Tgt Ion:248 Resp: 10685

Ion	Ratio	Lower	Upper
248	100		
250	187.9	79.4	119.2#
141	580.0	55.9	83.9#



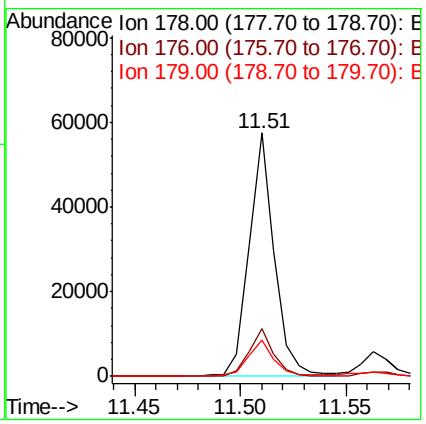


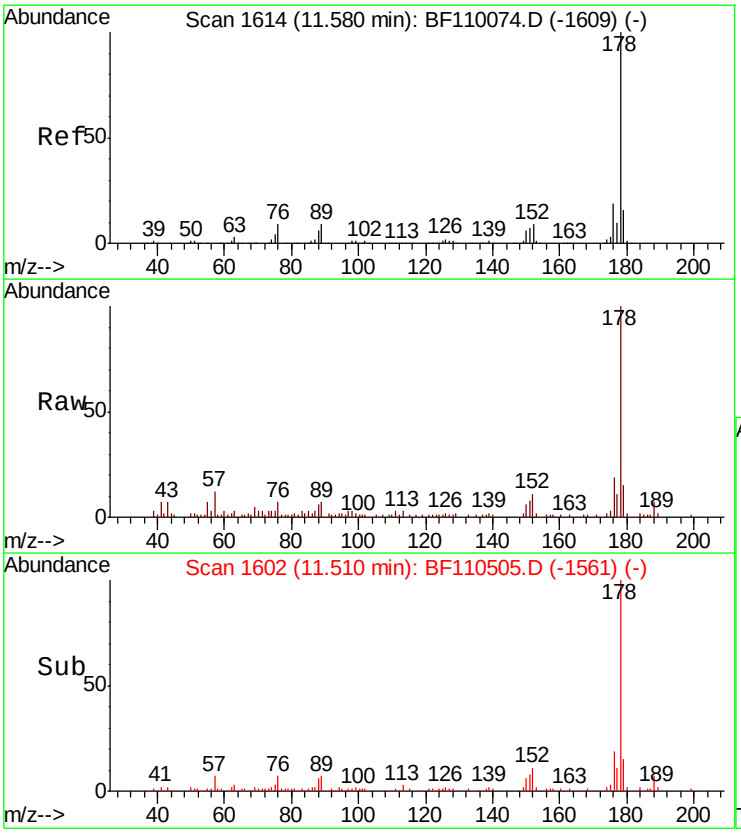
#71
Phenanthrene
Concen: 3.174 ng
RT: 11.51 min Scan# 1602
Delta R.T. -0.01 min
Lab File: BF110505.D
Acq: 6 Nov 2018 10:43

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:178 Resp: 48293

Ion	Ratio	Lower	Upper
178	100		
176	19.4	15.5	23.3
179	14.7	12.5	18.7

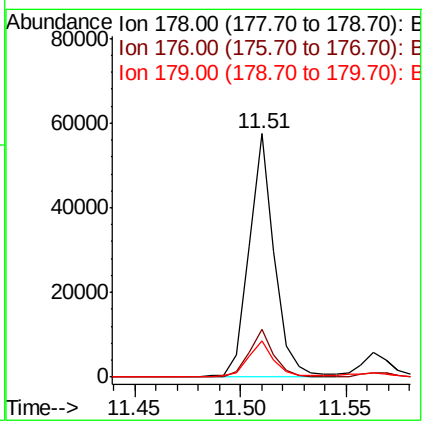


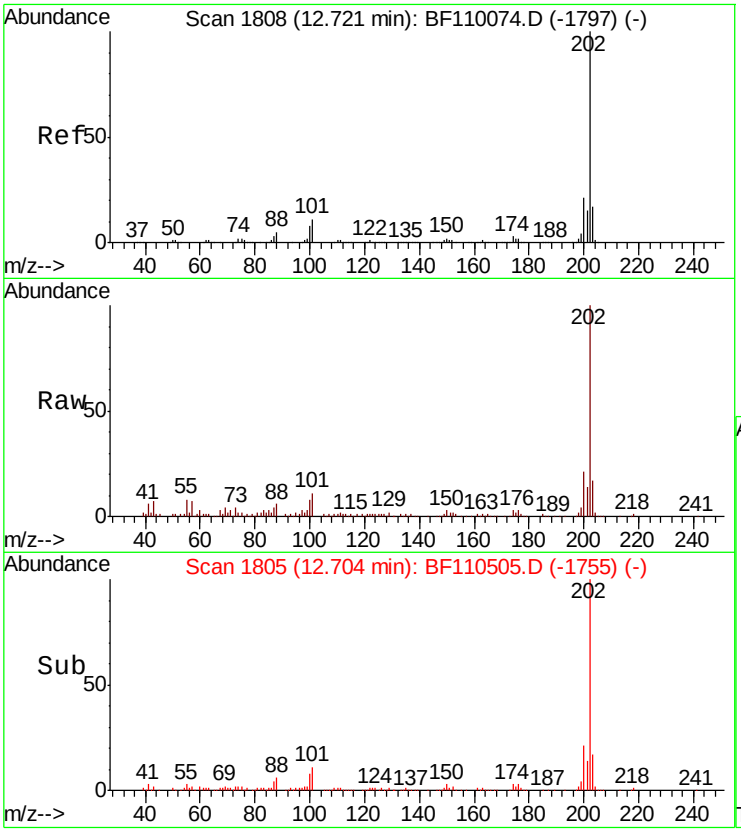


#72
Anthracene
Concen: 3.167 ng
RT: 11.51 min Scan# 1602
Delta R.T. -0.06 min
Lab File: BF110505.D
Acq: 6 Nov 2018 10:43

Tgt Ion:178 Resp: 48293

Ion	Ratio	Lower	Upper
178	100		
176	19.4	15.4	23.2
179	14.7	12.6	18.8



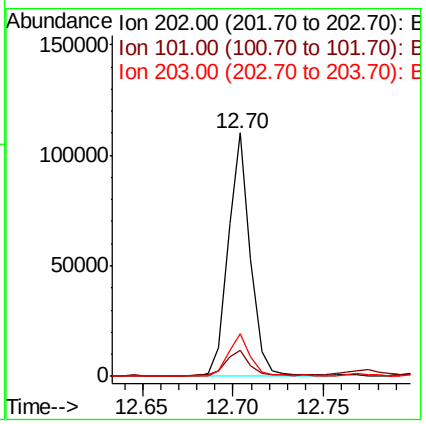


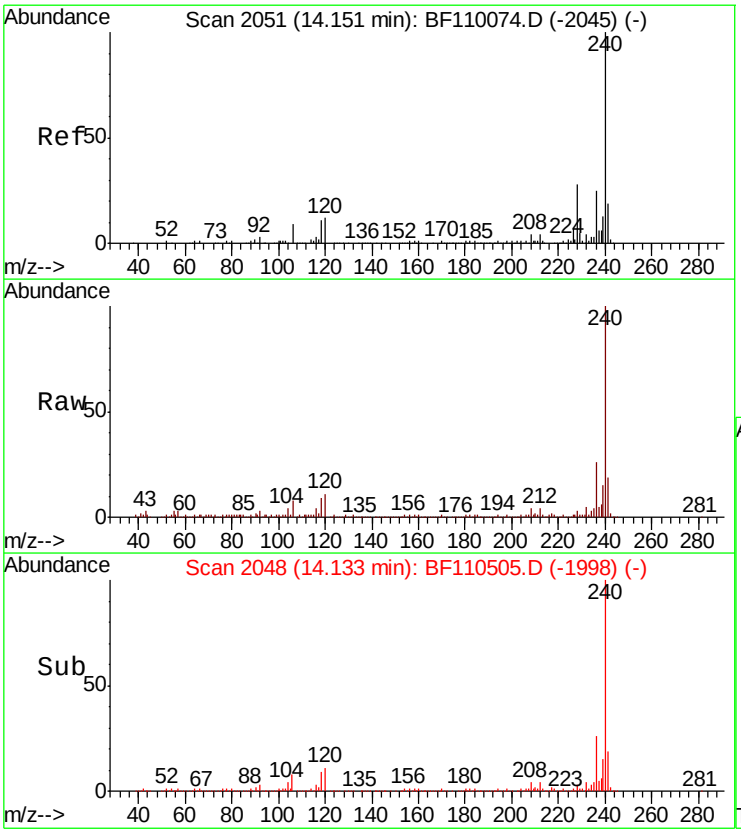
#75
Fluoranthene
Concen: 6.057 ng
RT: 12.70 min Scan# 1805
Delta R.T. -0.01 min
Lab File: BF110505.D
Acq: 6 Nov 2018 10:43

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:202 Resp: 93518

Ion	Ratio	Lower	Upper
202	100		
101	10.6	0.0	31.4
203	17.3	0.0	37.7

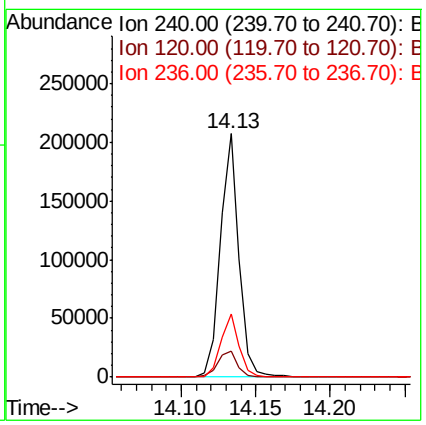


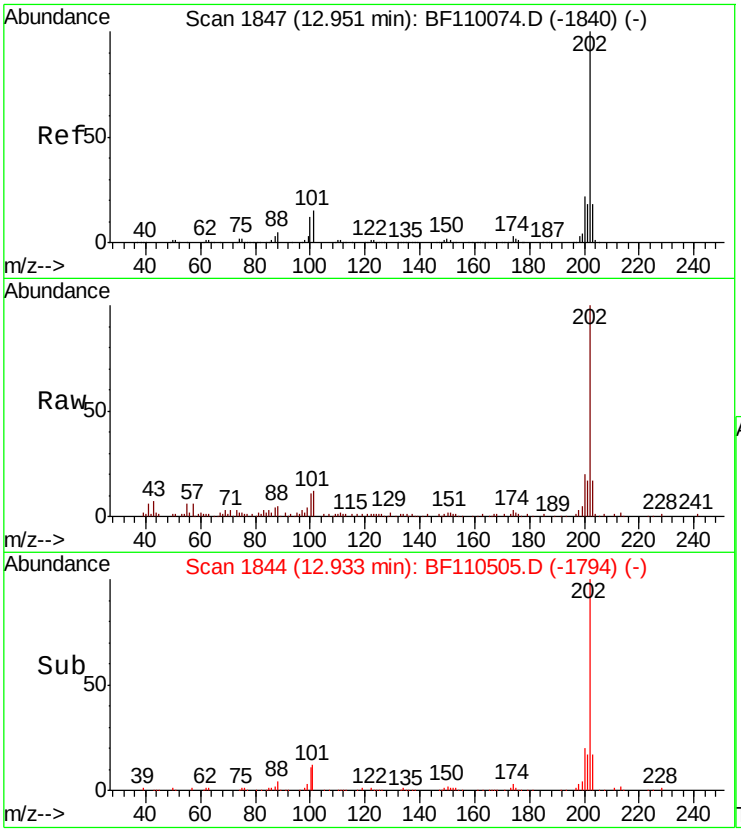


#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.13 min Scan# 2048
Delta R.T. -0.01 min
Lab File: BF110505.D
Acq: 6 Nov 2018 10:43

Tgt Ion:240 Resp: 182277

Ion	Ratio	Lower	Upper
240	100		
120	10.7	8.3	12.5
236	26.1	21.2	31.8



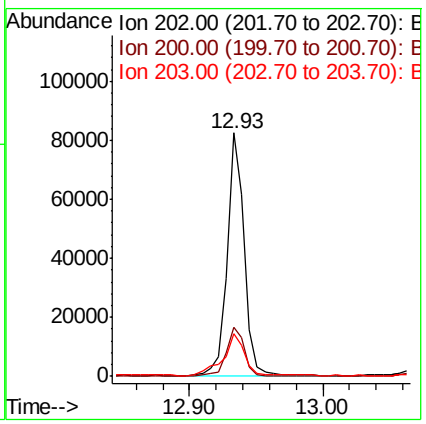


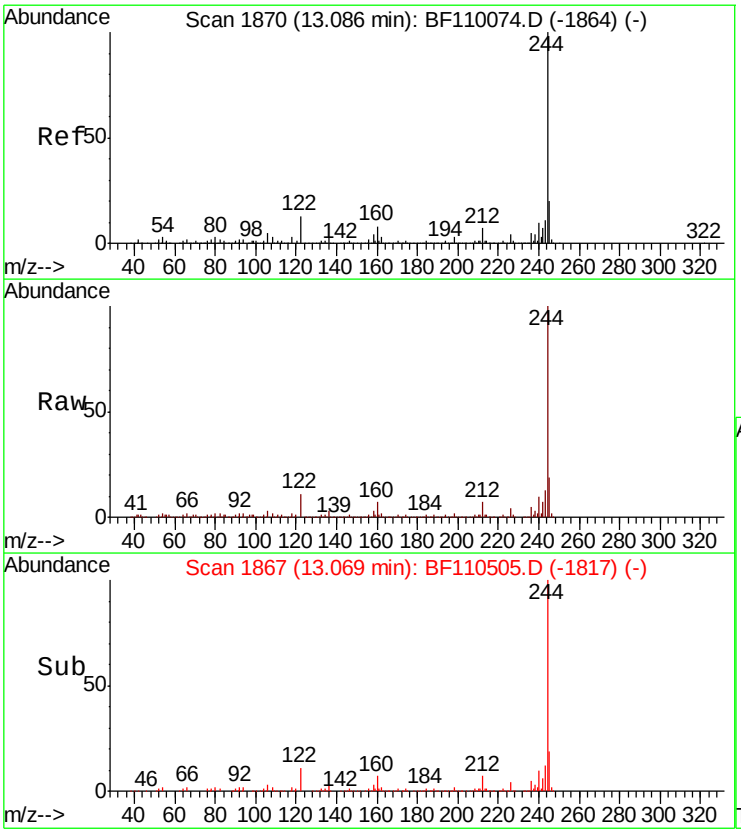
#78
Pyrene
Concen: 5.747 ng
RT: 12.93 min Scan# 1844
Delta R.T. -0.01 min
Lab File: BF110505.D
Acq: 6 Nov 2018 10:43

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:202 Resp: 75097

Ion	Ratio	Lower	Upper
202	100		
200	20.2	17.8	26.6
203	17.3	14.2	21.4

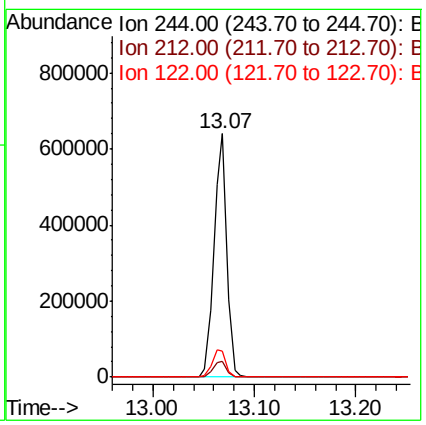


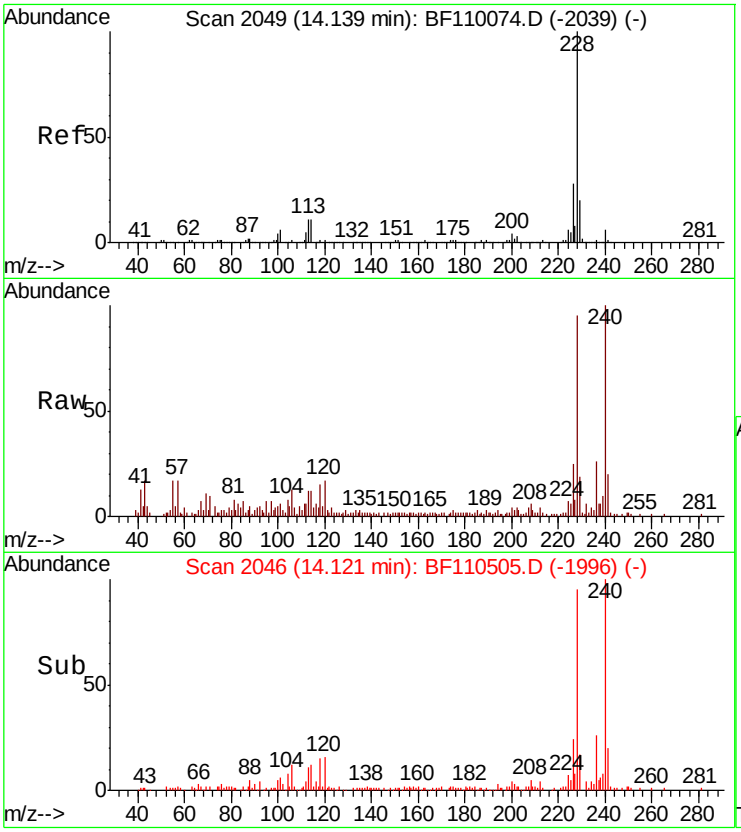


#79
Terphenyl-d14
Concen: 63.654 ng
RT: 13.07 min Scan# 1867
Delta R.T. -0.01 min
Lab File: BF110505.D
Acq: 6 Nov 2018 10:43

Tgt Ion:244 Resp: 557894

Ion	Ratio	Lower	Upper
244	100		
212	6.7	5.8	8.8
122	10.9	8.7	13.1



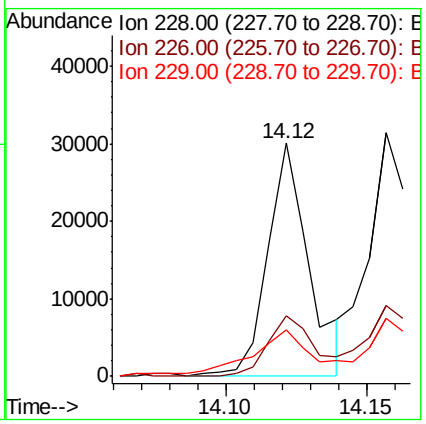


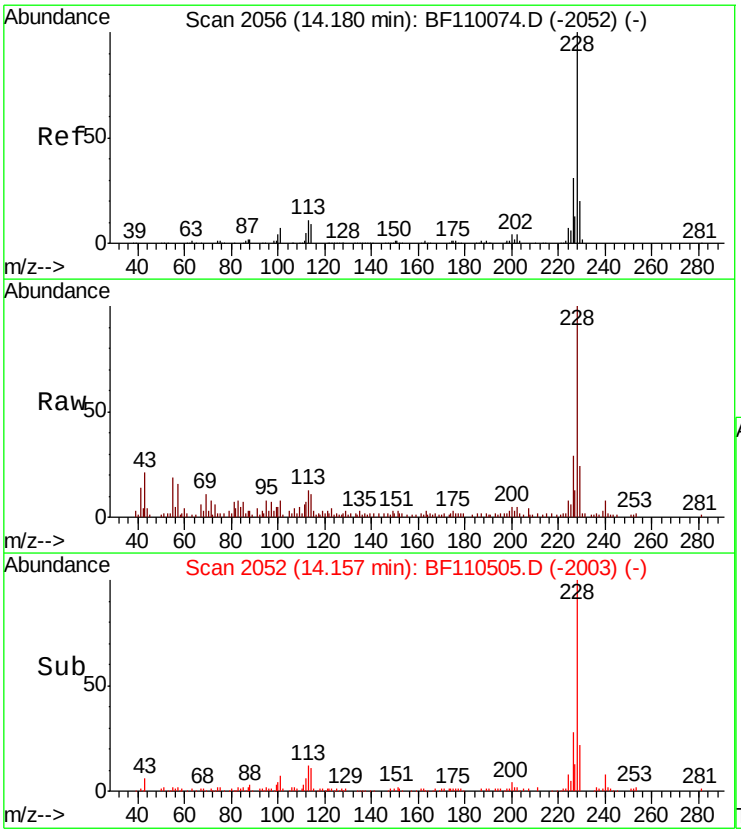
#81
Benzo(a)anthracene
Concen: 2.818 ng
RT: 14.12 min Scan# 2046
Delta R.T. -0.01 min
Lab File: BF110505.D
Acq: 6 Nov 2018 10:43

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:228 Resp: 30456

Ion	Ratio	Lower	Upper
228	100		
226	26.3	22.1	33.1
229	19.9	15.6	23.4

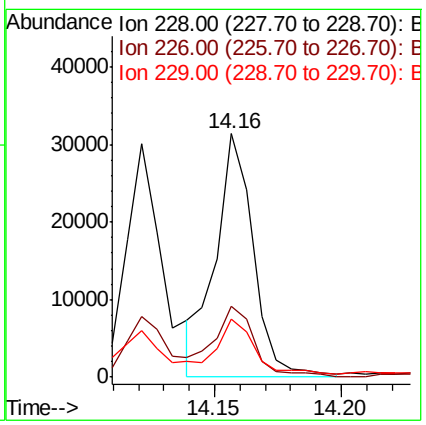


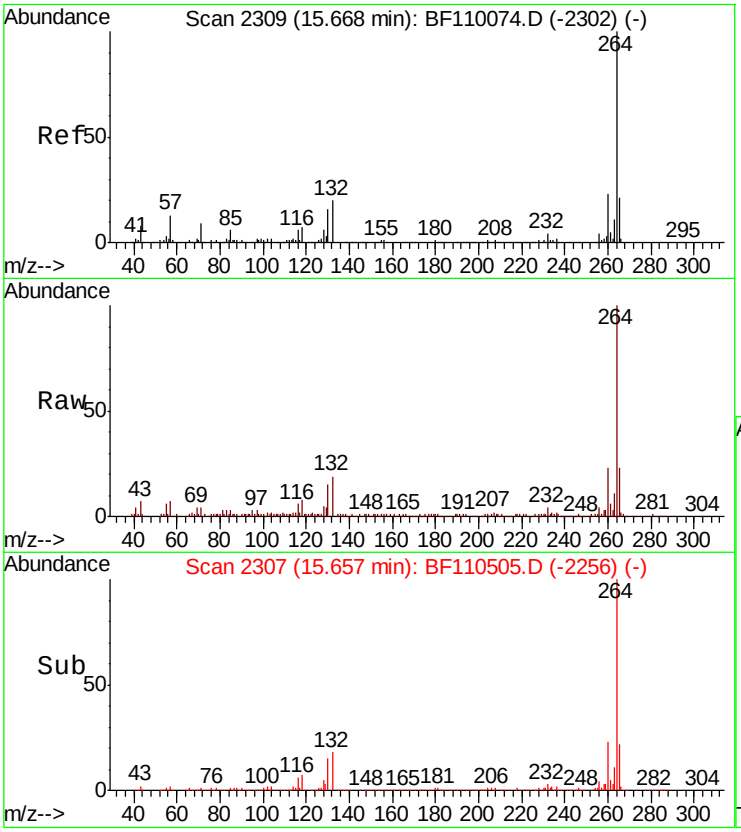


#83
Chrysene
Concen: 3.186 ng
RT: 14.16 min Scan# 2052
Delta R.T. -0.01 min
Lab File: BF110505.D
Acq: 6 Nov 2018 10:43

Tgt Ion:228 Resp: 32710

Ion	Ratio	Lower	Upper
228	100		
226	29.3	24.7	37.1
229	23.9	15.9	23.9



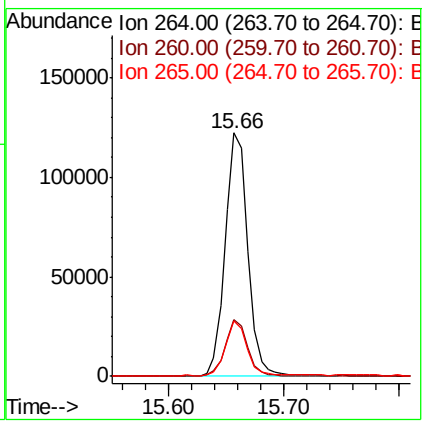


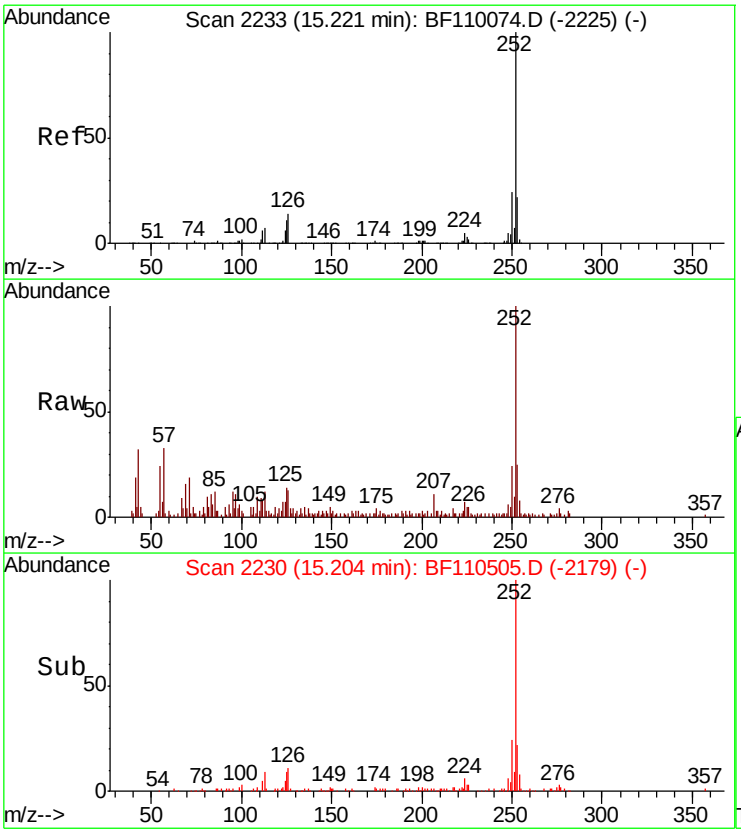
#87
Perylene-d12
Concen: 20.000 ng
RT: 15.66 min Scan# 2307
Delta R.T. 0.00 min
Lab File: BF110505.D
Acq: 6 Nov 2018 10:43

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:264 Resp: 167129

Ion	Ratio	Lower	Upper
264	100		
260	23.5	18.7	28.1
265	22.6	16.7	25.1

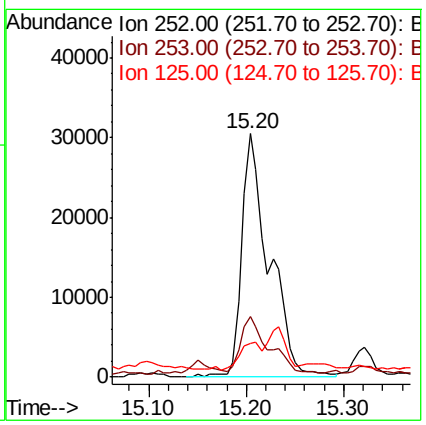


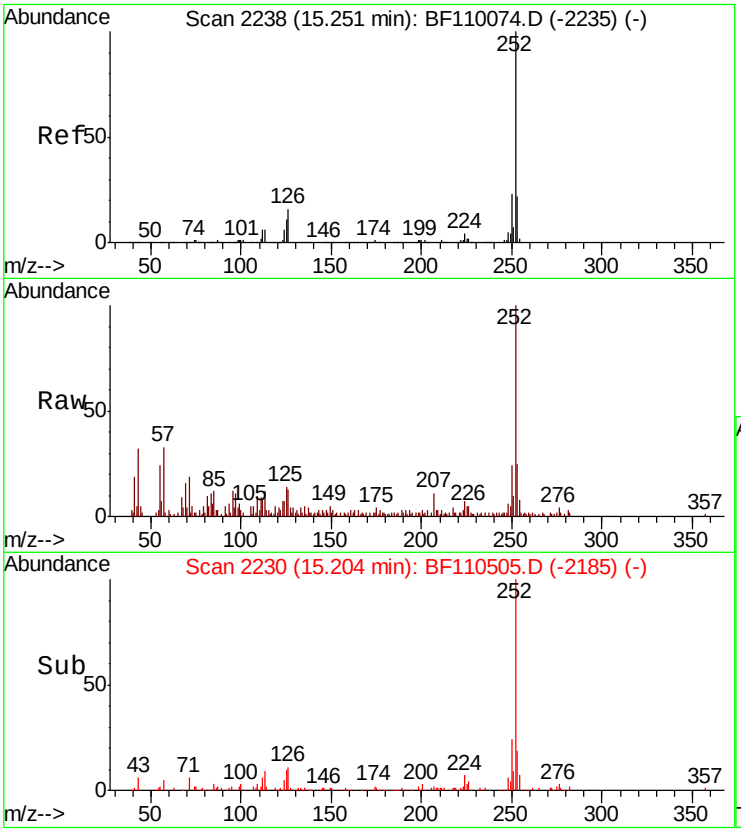


#88
Benzo(b)fluoranthene
Concen: 6.212 ng
RT: 15.20 min Scan# 2230
Delta R.T. 0.00 min
Lab File: BF110505.D
Acq: 6 Nov 2018 10:43

Tgt Ion:252 Resp: 59952

Ion	Ratio	Lower	Upper
252	100		
253	25.0	17.2	25.8
125	13.9	8.2	12.4#



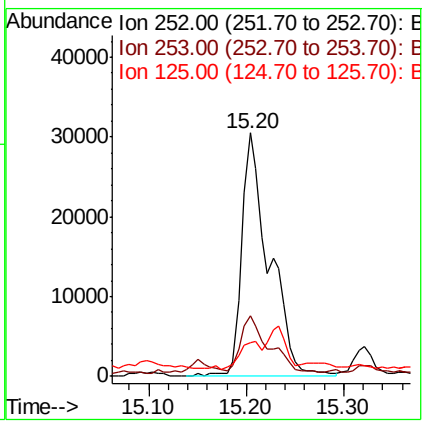


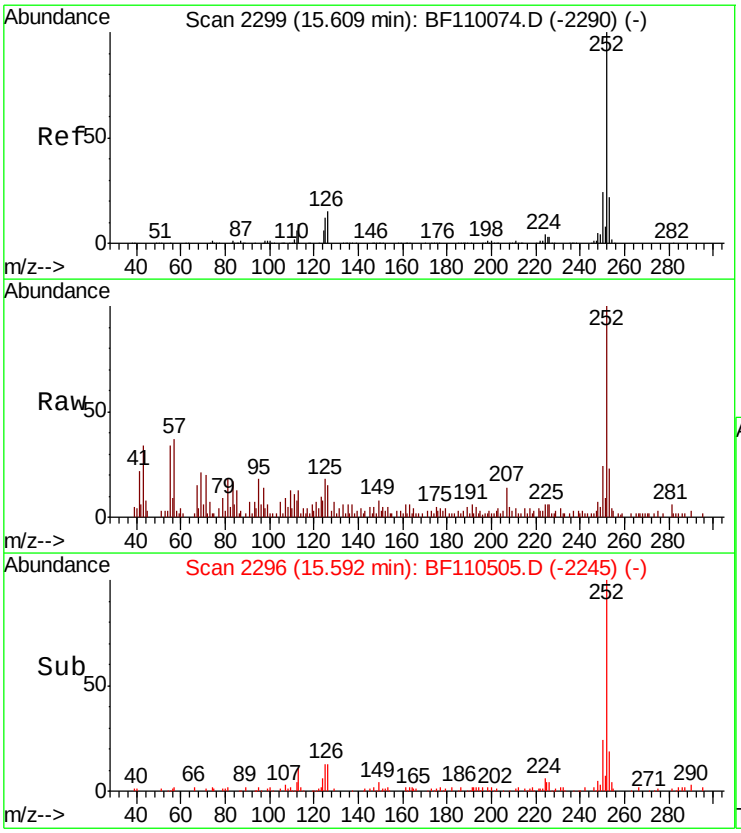
#89
Benzo(k)fluoranthene
Concen: 6.319 ng
RT: 15.20 min Scan# 2230
Delta R.T. -0.04 min
Lab File: BF110505.D
Acq: 6 Nov 2018 10:43

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:252 Resp: 59952

Ion	Ratio	Lower	Upper
252	100		
253	25.0	17.2	25.8
125	13.9	7.4	11.0#





#90
Benzo(a)pyrene
Concen: 2.961 ng
RT: 15.59 min Scan# 2296
Delta R.T. 0.00 min
Lab File: BF110505.D
Acq: 6 Nov 2018 10:43

Tgt Ion:252 Resp: 26296

Ion	Ratio	Lower	Upper
252	100		
253	23.1	18.2	27.4
125	18.5	9.0	13.6#