Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF102518\
Data File : BF110186.D
Acq On : 26 Oct 2018 3:02
Operator : JU/SJ
Sample : J5626-03MSD 5X
Misc :
ALS Vial : 25 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId :

Quant Time: Oct 26 06:41:01 2018
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF102318.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Oct 23 15:06:18 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.97	152	123309	20.00	ng		-0.01
21) Naphthalene-d8	8.25	136	458817	20.00	ng		-0.02
39) Acenaphthene-d10	10.01	164	171492	20.00	ng		-0.02
64) Phenanthrene-d10	11.50	188	289601	20.00	ng		-0.01
76) Chrysene-d12	14.15	240	219738	20.00	ng		-0.01
87) Perylene-d12	15.68	264	160125	20.00	ng		-0.01
System Monitoring Compounds							
5) 2-Fluorophenol	5.58	112	41987	5.54	ng		-0.02
7) Phenol-d6	6.58	99	52644	5.44	ng		-0.02
23) Nitrobenzene-d5	7.52	82	28743	3.72	ng		-0.03
42) 2,4,6-Tribromophenol	10.80	330	7217	4.25	ng		-0.02
45) 2-Fluorobiphenyl	9.32	172	54433	4.98	ng		-0.02
79) Terphenyl-d14	13.09	244	47985	4.54	ng		-0.02
Target Compounds							Qvalue
10) Phenol	6.59	94	25671	2.480	ng	#	65
31) Naphthalene	8.27	128	42396	2.005	ng		97
32) Benzoic acid	7.89	122	10756	2.209	ng	#	10
40) 1,2,4,5-Tetrachlorobenzene	9.13	216	10759	2.014	ng		95
46) 1,1'-Biphenyl	9.43	154	31160	2.009	ng		98
49) Acenaphthylene	9.87	152	33716	2.052	ng		97
50) Dimethylphthalate	9.72	163	29756	2.351	ng		98
56) 4-Nitrophenol	10.12	139	5638	2.349	ng		88
66) n-Nitrosodiphenylamine	10.66	169	19003	2.001	ng		98
71) Phenanthrene	11.53	178	32858	2.168	ng		100
72) Anthracene	11.58	178	32850	2.163	ng		98
74) Di-n-butylphthalate	12.05	149	37700	2.251	ng		100
75) Fluoranthene	12.72	202	35971	2.339	ng		96
78) Pyrene	12.72	202	35971	2.283	ng		97
80) Butylbenzylphthalate	13.56	149	15992	2.339	ng		95
81) Benzo(a)anthracene	14.14	228	27784	2.132	ng	#	86
83) Chrysene	14.17	228	27966	2.260	ng		94
84) Bis(2-ethylhexyl)phthalate	14.11	149	21037	2.276	ng	#	86
85) Di-n-octyl phthalate	14.73	149	31947	2.223	ng	#	61
88) Benzo(b)fluoranthene	15.22	252	22175	2.398	ng	#	62
90) Benzo(a)pyrene	15.62	252	19003	2.233	ng	#	55
91) Dibenzo(a,h)anthracene	17.27	278	15996	2.179	ng	#	69
92) Benzo(g,h,i)perylene	17.73	276	14717	2.034	ng	#	74

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

Quantitation Report (Not Reviewed)

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Misc :
ALS Vial : 25 Sample Multiplier: 1

Instrument :
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Quant Time: Oct 26 06:41:01 2018
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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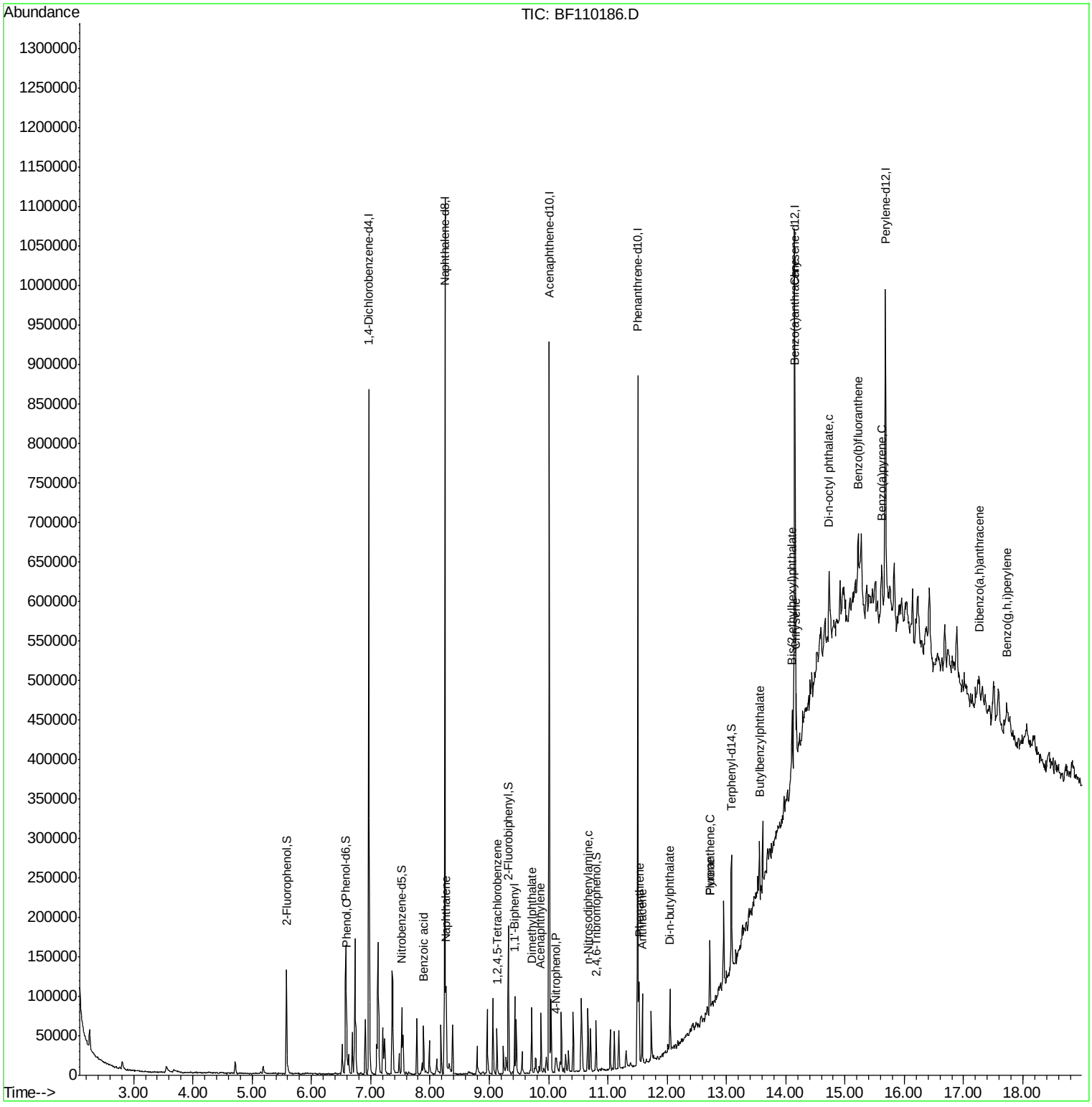
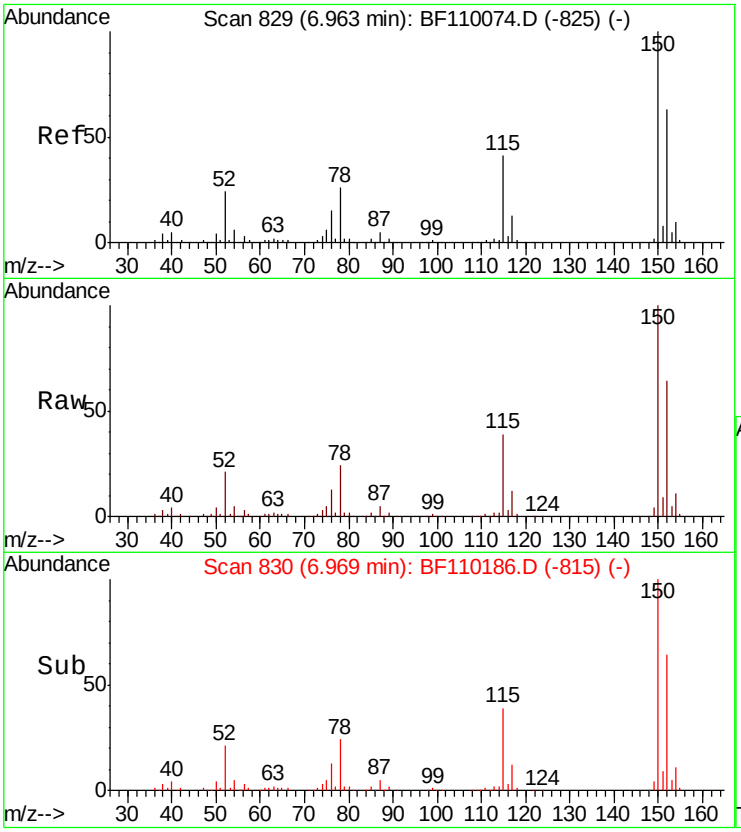
Response via : Initial Calibration



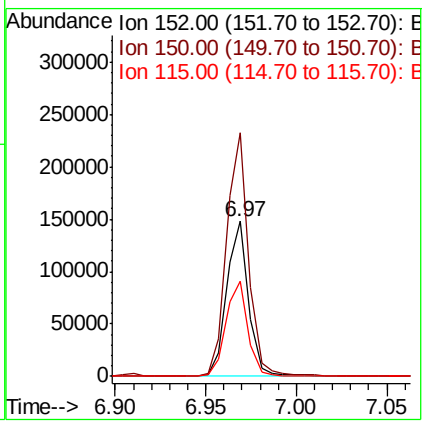


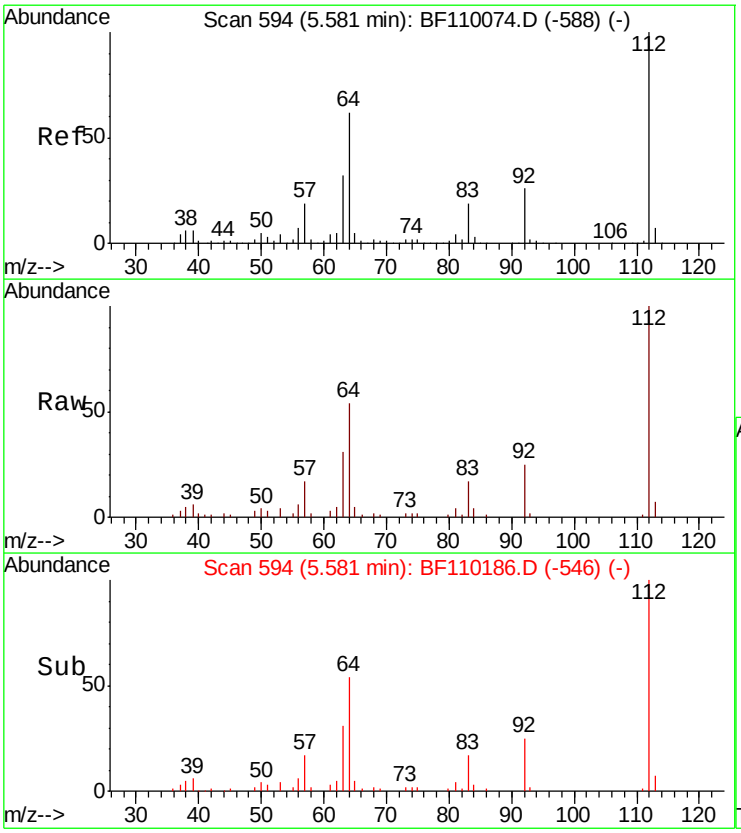
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.97 min Scan# 830
Delta R.T. -0.01 min
Lab File: BF110186.D
Acq: 26 Oct 2018 3:02

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:152 Resp: 123309

Ion	Ratio	Lower	Upper
152	100		
150	156.8	122.7	184.1
115	61.3	49.1	73.7

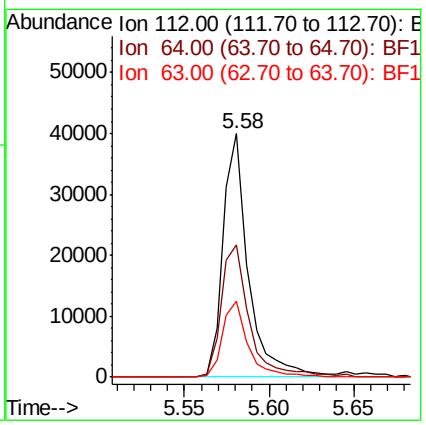


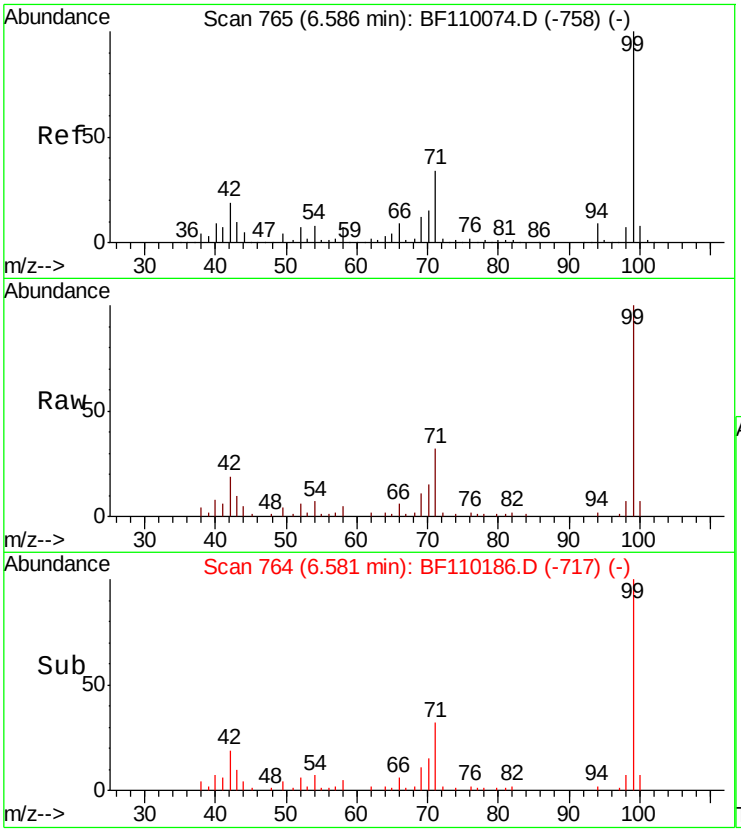


#5
2-Fluorophenol
Concen: 5.545 ng
RT: 5.58 min Scan# 594
Delta R.T. -0.02 min
Lab File: BF110186.D
Acq: 26 Oct 2018 3:02

Tgt Ion:112 Resp: 41987

Ion	Ratio	Lower	Upper
112	100		
64	54.3	44.1	66.1
63	31.1	23.7	35.5



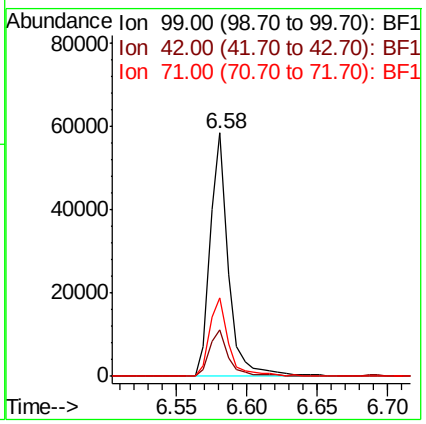


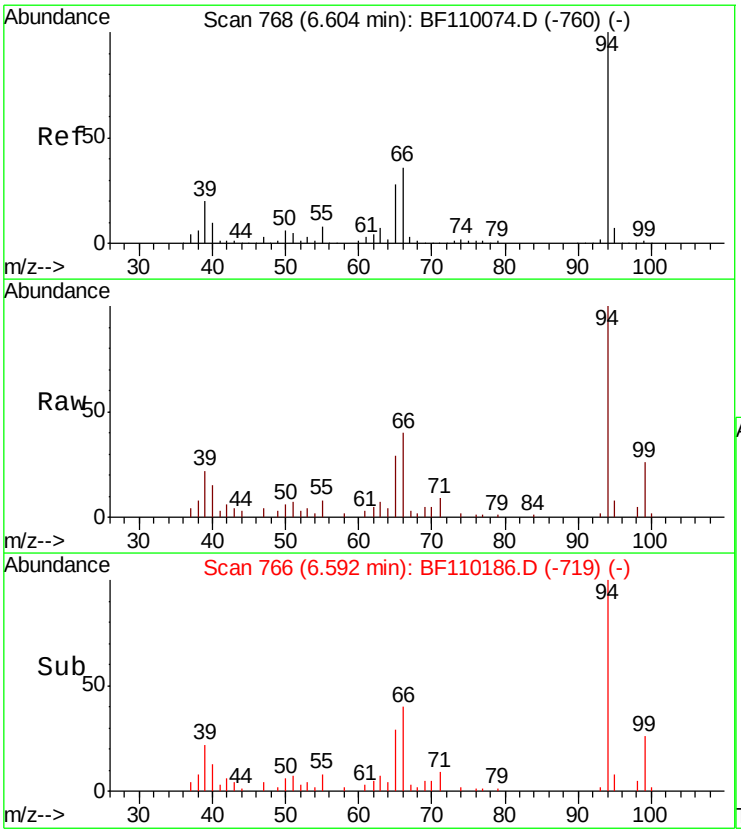
#7
Phenol-d6
Concen: 5.435 ng
RT: 6.58 min Scan# 764
Delta R.T. -0.02 min
Lab File: BF110186.D
Acq: 26 Oct 2018 3:02

Instrument :
BNA_F
ClientSampleId :

Tgt Ion: 99 Resp: 52644

Ion	Ratio	Lower	Upper
99	100		
42	19.2	15.8	23.6
71	32.2	28.0	42.0

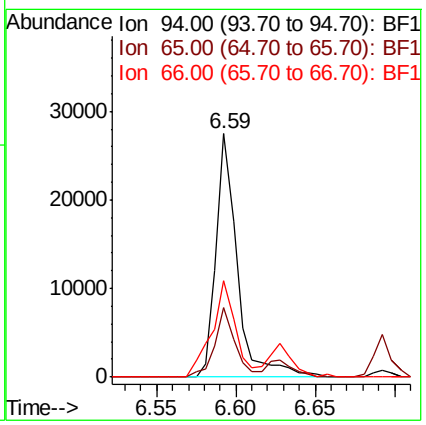


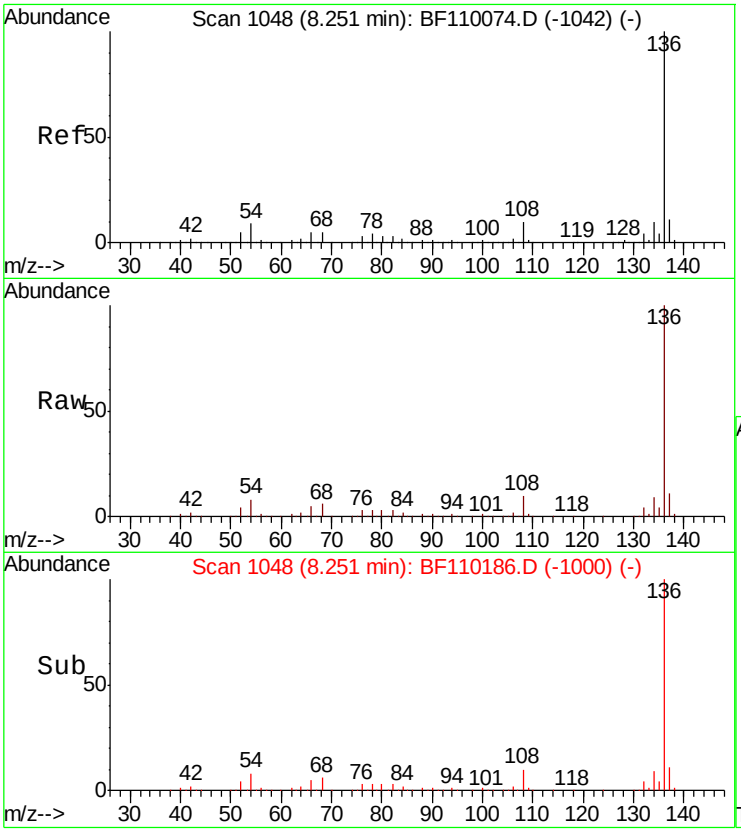


#10
Phenol
Concen: 2.480 ng
RT: 6.59 min Scan# 766
Delta R.T. -0.02 min
Lab File: BF110186.D
Acq: 26 Oct 2018 3:02

Tgt Ion: 94 Resp: 25671

Ion	Ratio	Lower	Upper
94	100		
65	28.6	25.3	65.3
66	39.6	54.5	94.5#



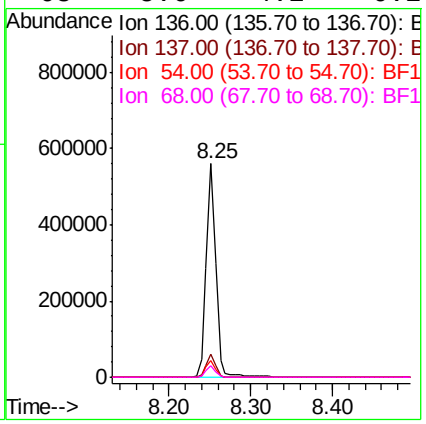


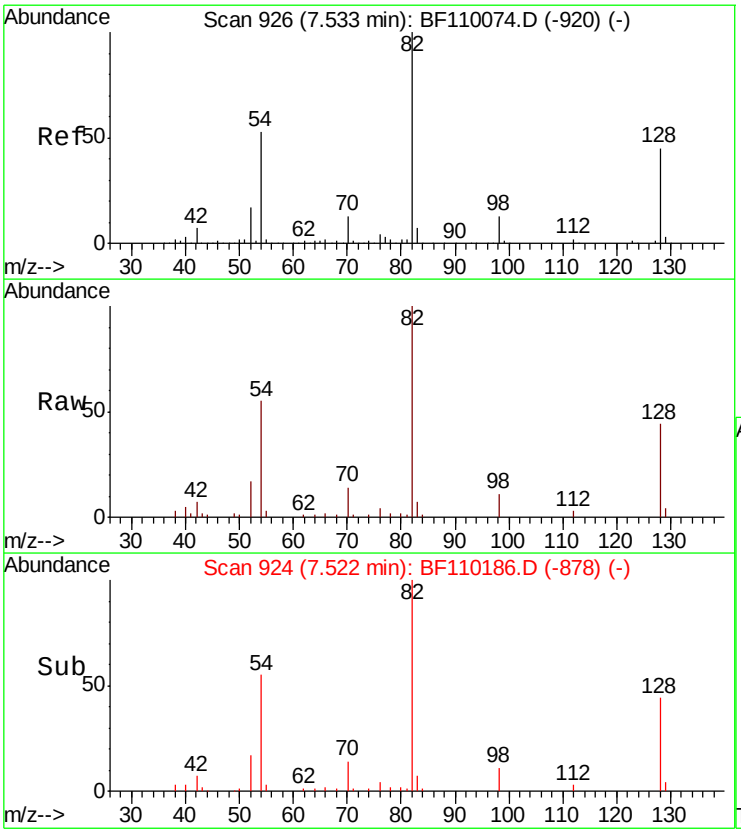
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.25 min Scan# 1048
Delta R.T. -0.02 min
Lab File: BF110186.D
Acq: 26 Oct 2018 3:02

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:136 Resp: 458817

Ion	Ratio	Lower	Upper
136	100		
137	11.0	8.8	13.2
54	7.8	5.4	8.2
68	5.6	4.2	6.2

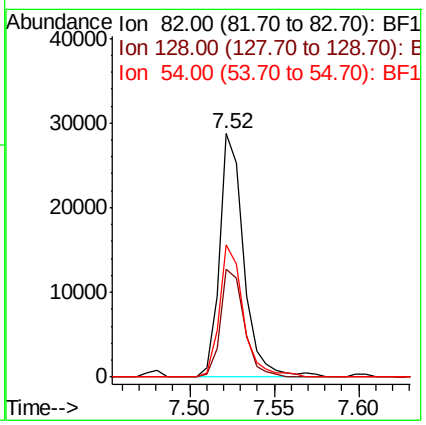


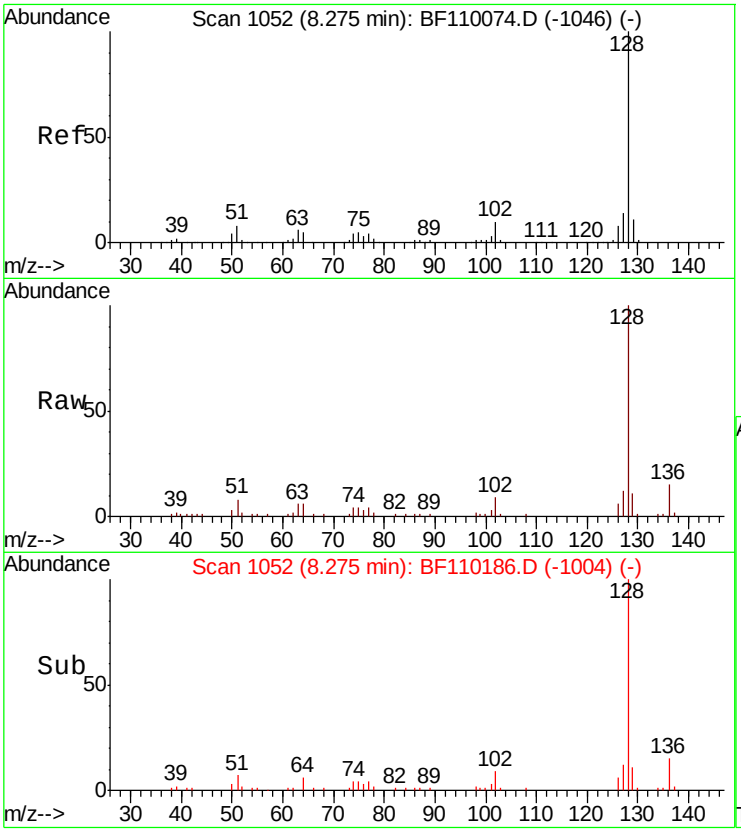


#23
Nitrobenzene-d5
Concen: 3.716 ng
RT: 7.52 min Scan# 924
Delta R.T. -0.03 min
Lab File: BF110186.D
Acq: 26 Oct 2018 3:02

Tgt Ion: 82 Resp: 28743

Ion	Ratio	Lower	Upper
82	100		
128	44.1	34.2	51.2
54	54.6	38.6	58.0



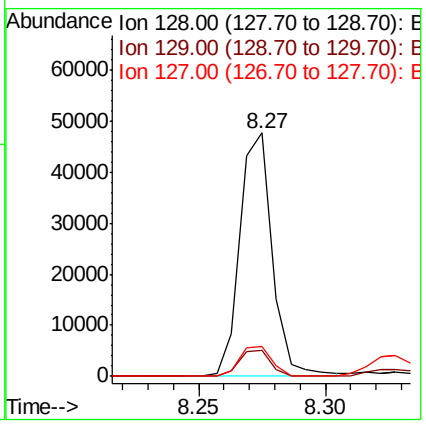


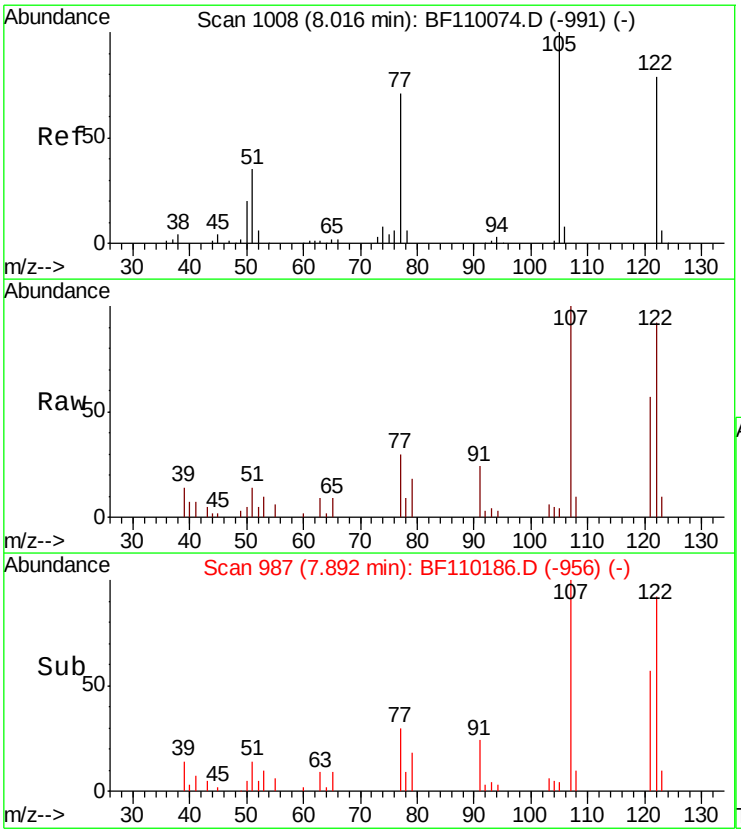
#31
Naphthalene
Concen: 2.005 ng
RT: 8.27 min Scan# 1052
Delta R.T. -0.02 min
Lab File: BF110186.D
Acq: 26 Oct 2018 3:02

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:128 Resp: 42396

Ion	Ratio	Lower	Upper
128	100		
129	10.6	8.8	13.2
127	12.1	10.8	16.2

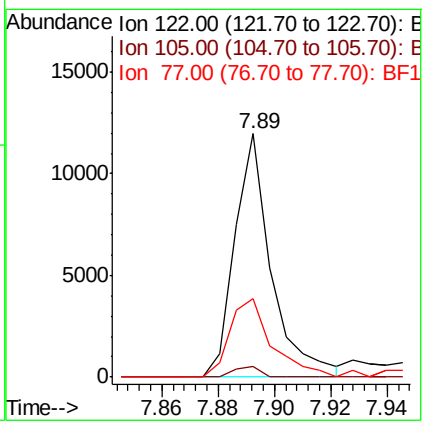


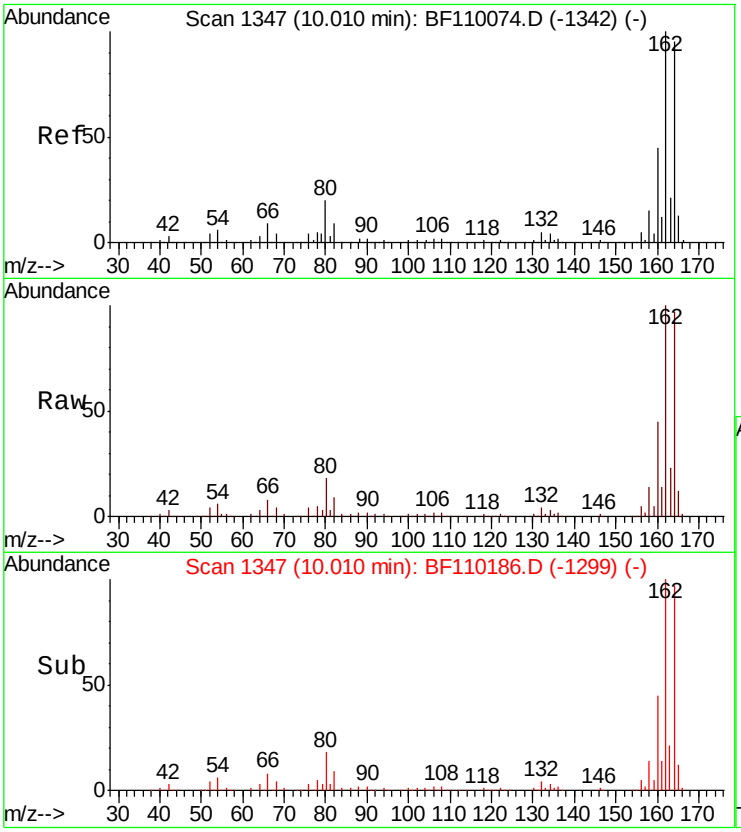


#32
Benzoic acid
Concen: 2.209 ng
RT: 7.89 min Scan# 987
Delta R.T. -0.12 min
Lab File: BF110186.D
Acq: 26 Oct 2018 3:02

Tgt Ion:122 Resp: 10756

Ion	Ratio	Lower	Upper
122	100		
105	4.6	109.0	149.0#
77	32.3	79.0	119.0#



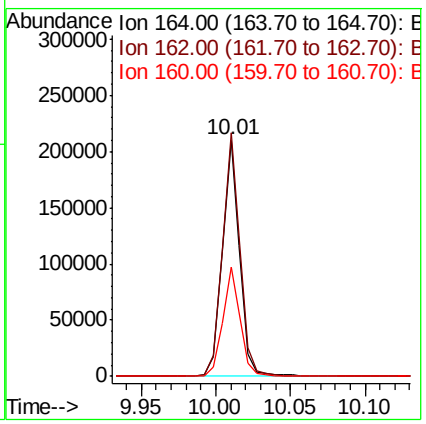


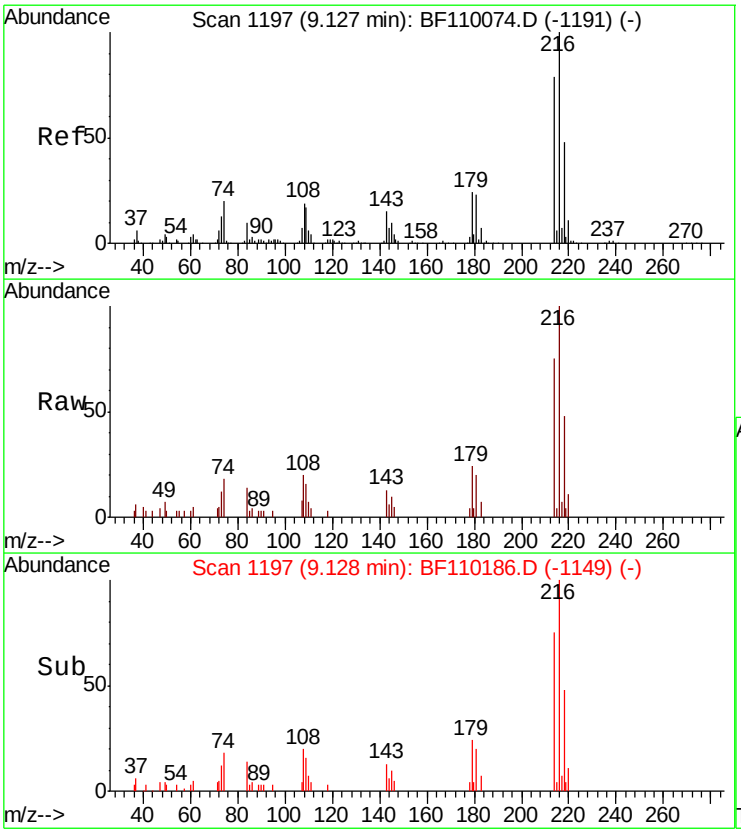
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 10.01 min Scan# 1347
Delta R.T. -0.02 min
Lab File: BF110186.D
Acq: 26 Oct 2018 3:02

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:164 Resp: 171492

Ion	Ratio	Lower	Upper
164	100		
162	103.2	83.0	124.6
160	46.2	37.0	55.6

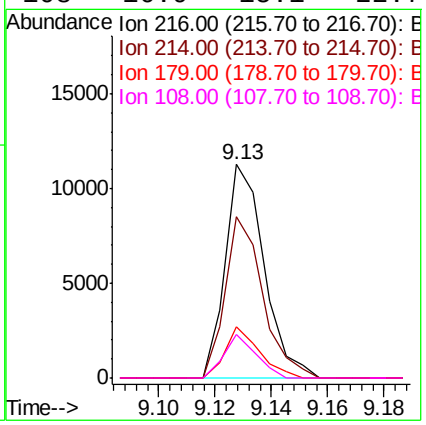


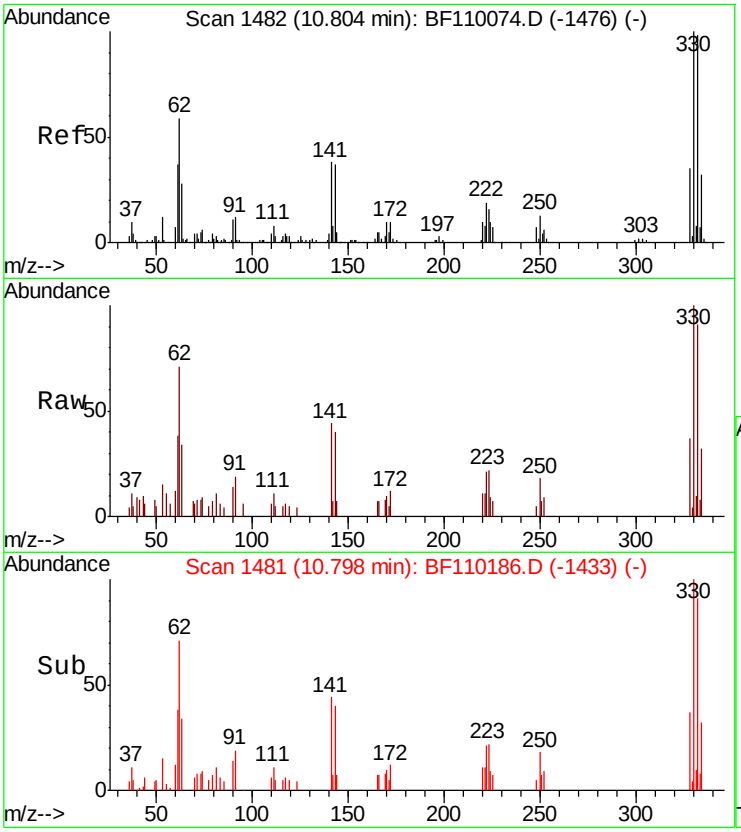


#40
1,2,4,5-Tetrachlorobenzene
Concen: 2.014 ng
RT: 9.13 min Scan# 1197
Delta R.T. -0.02 min
Lab File: BF110186.D
Acq: 26 Oct 2018 3:02

Tgt Ion:216 Resp: 10759

Ion	Ratio	Lower	Upper
216	100		
214	73.6	63.8	95.6
179	20.9	16.6	25.0
108	16.9	15.1	22.7



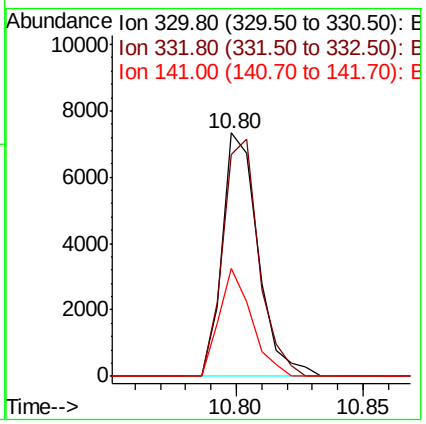


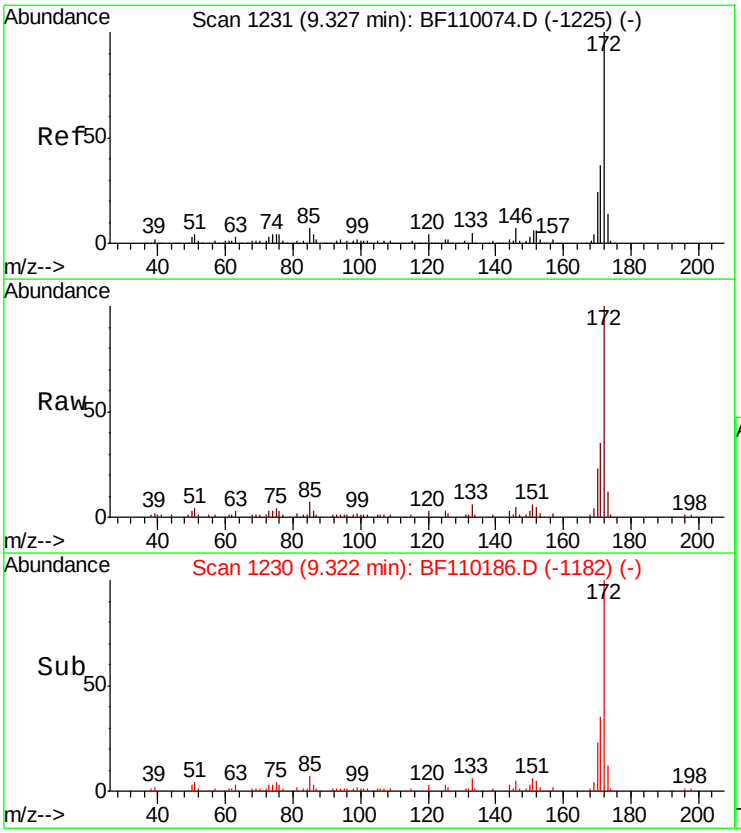
#42
2,4,6-Tribromophenol
Concen: 4.248 ng
RT: 10.80 min Scan# 1481
Delta R.T. -0.02 min
Lab File: BF110186.D
Acq: 26 Oct 2018 3:02

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:330 Resp: 7217

Ion	Ratio	Lower	Upper
330	100		
332	97.6	77.1	115.7
141	39.9	27.0	40.4

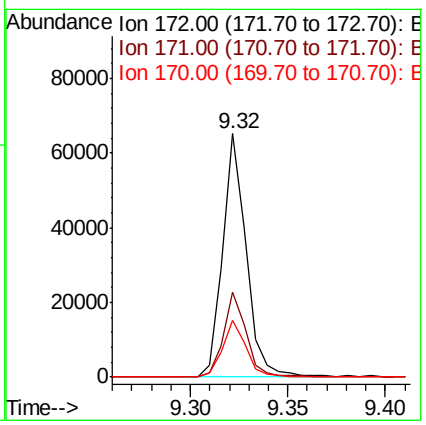


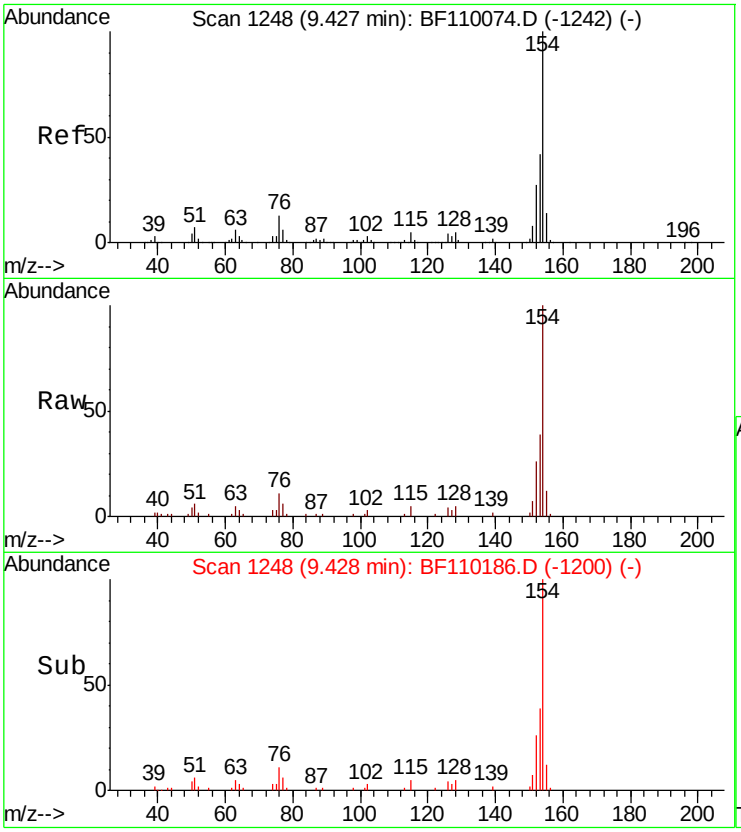


#45
2-Fluorobiphenyl
Concen: 4.984 ng
RT: 9.32 min Scan# 1230
Delta R.T. -0.02 min
Lab File: BF110186.D
Acq: 26 Oct 2018 3:02

Tgt Ion:172 Resp: 54433

Ion	Ratio	Lower	Upper
172	100		
171	34.9	28.6	43.0
170	23.4	19.7	29.5



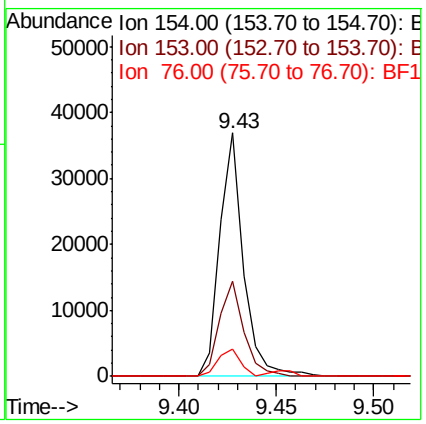


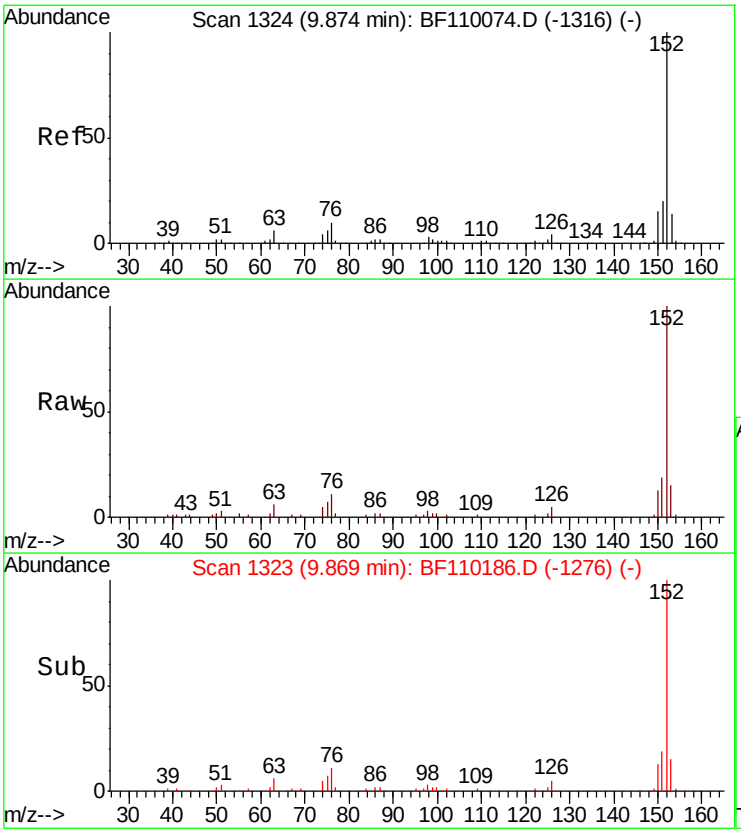
#46
1,1'-Biphenyl
Concen: 2.009 ng
RT: 9.43 min Scan# 1248
Delta R.T. -0.02 min
Lab File: BF110186.D
Acq: 26 Oct 2018 3:02

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:154 Resp: 31160

Ion	Ratio	Lower	Upper
154	100		
153	39.1	20.4	60.4
76	11.4	0.0	31.9

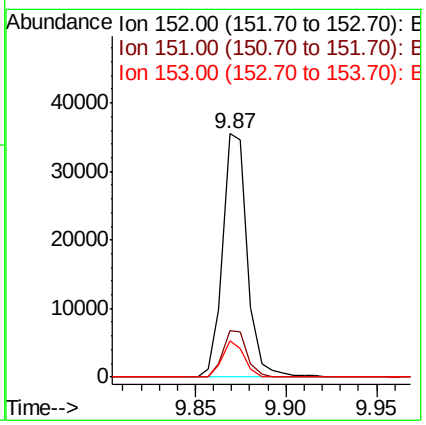


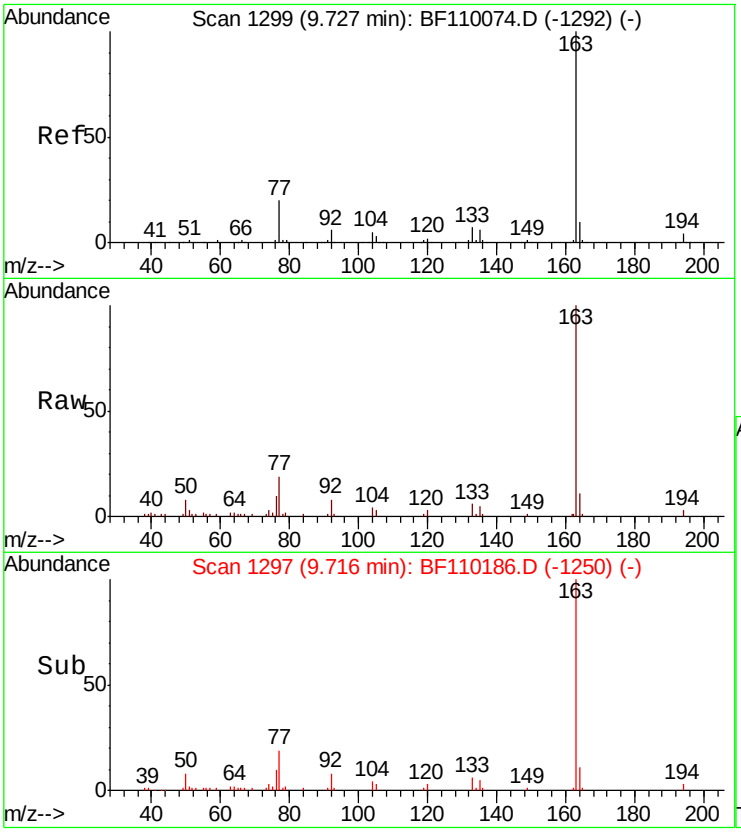


#49
Acenaphthylene
Concen: 2.052 ng
RT: 9.87 min Scan# 1323
Delta R.T. -0.02 min
Lab File: BF110186.D
Acq: 26 Oct 2018 3:02

Tgt Ion:152 Resp: 33716

Ion	Ratio	Lower	Upper
152	100		
151	19.1	15.8	23.8
153	15.0	10.4	15.6



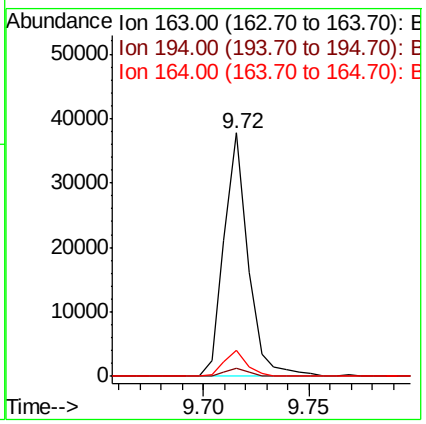


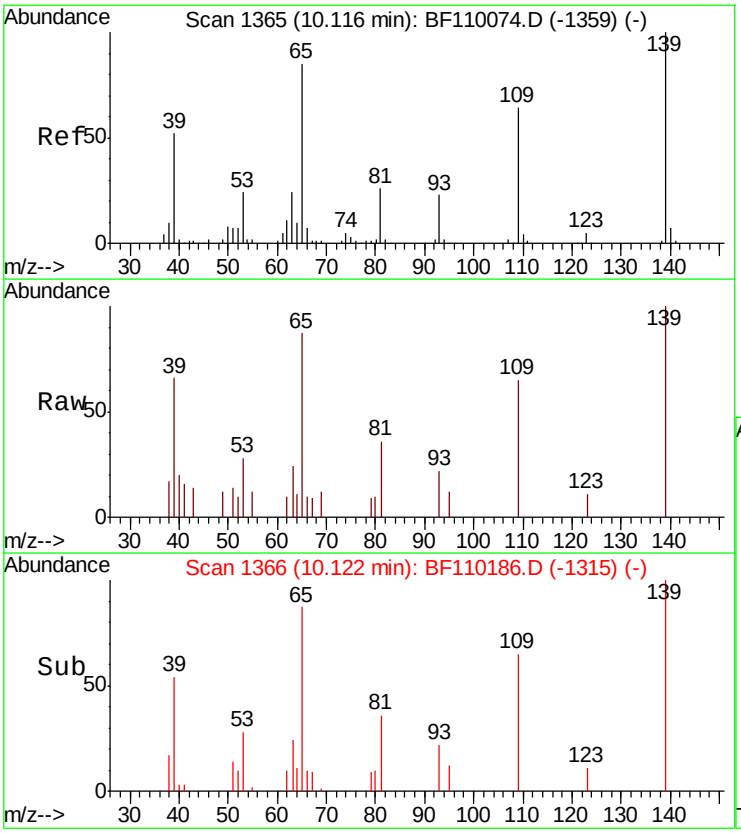
#50
Dimethylphthalate
Concen: 2.351 ng
RT: 9.72 min Scan# 1297
Delta R.T. -0.02 min
Lab File: BF110186.D
Acq: 26 Oct 2018 3:02

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:163 Resp: 29756

Ion	Ratio	Lower	Upper
163	100		
194	3.4	3.2	4.8
164	10.8	8.1	12.1

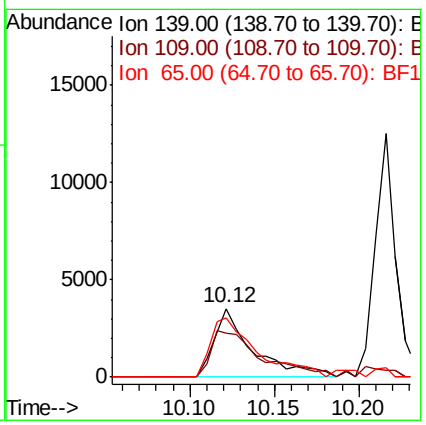


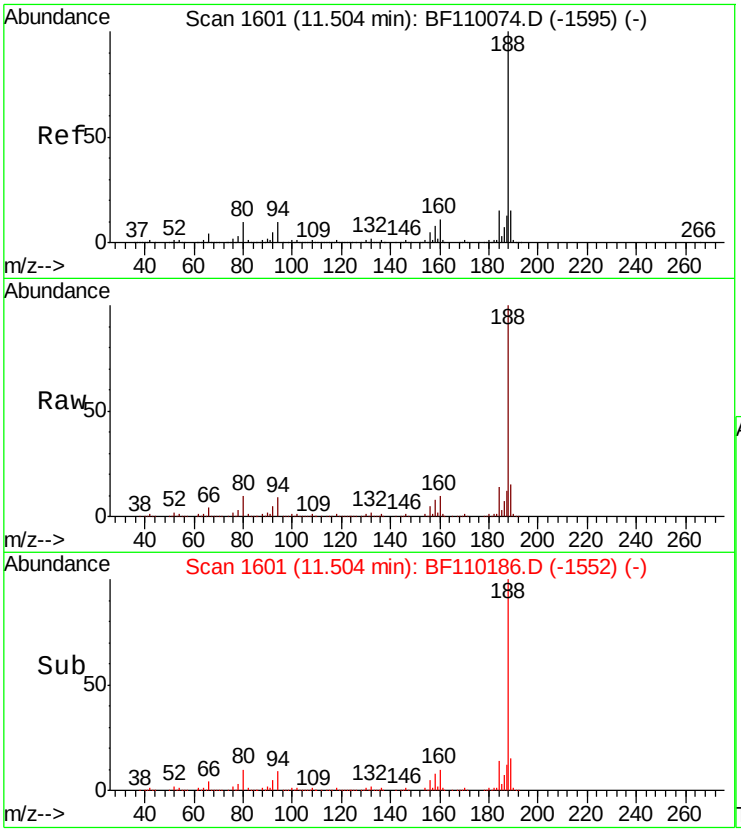


#56
4-Nitrophenol
Concen: 2.349 ng
RT: 10.12 min Scan# 1366
Delta R.T. -0.00 min
Lab File: BF110186.D
Acq: 26 Oct 2018 3:02

Tgt Ion:139 Resp: 5638

Ion	Ratio	Lower	Upper
139	100		
109	64.9	55.8	95.8
65	86.6	77.9	117.9



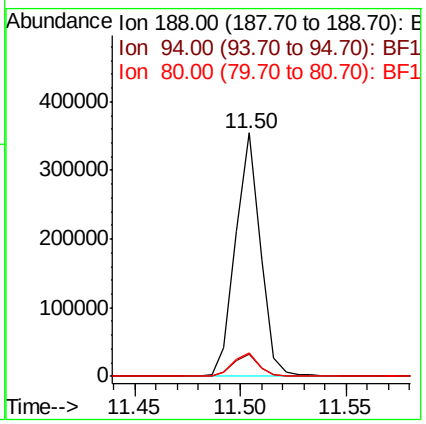


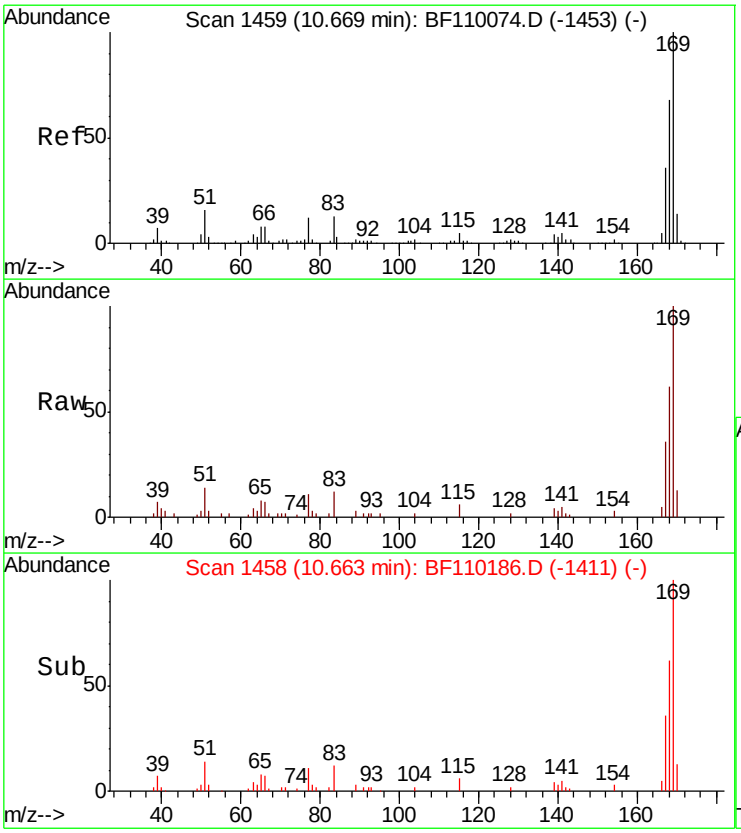
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.50 min Scan# 1601
Delta R.T. -0.01 min
Lab File: BF110186.D
Acq: 26 Oct 2018 3:02

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:188 Resp: 289601

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

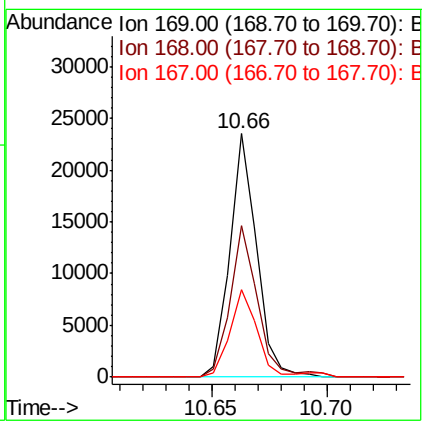


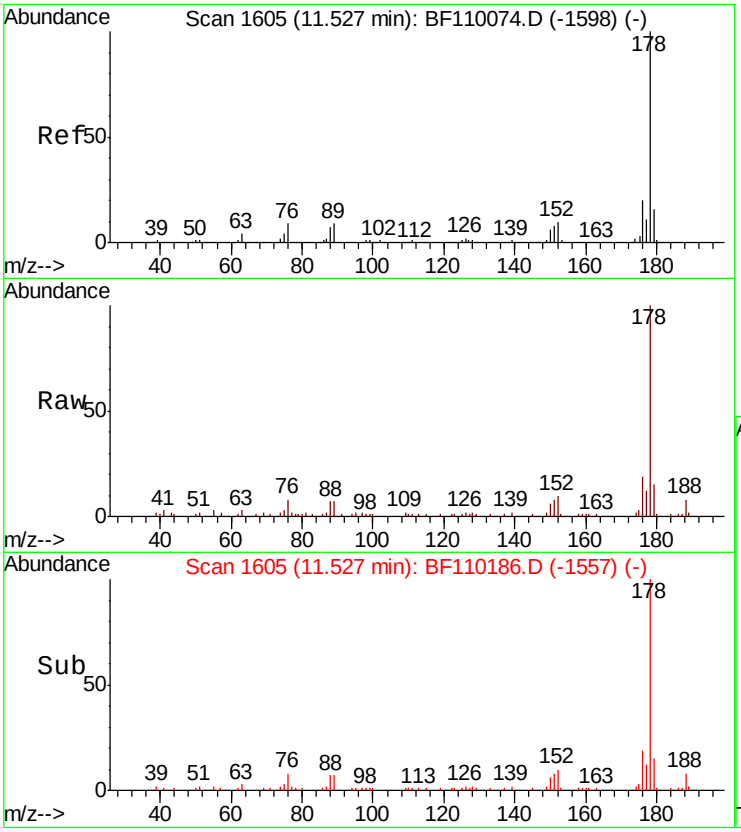


#66
n-Nitrosodiphenylamine
Concen: 2.001 ng
RT: 10.66 min Scan# 1458
Delta R.T. -0.02 min
Lab File: BF110186.D
Acq: 26 Oct 2018 3:02

Tgt Ion:169 Resp: 19003

Ion	Ratio	Lower	Upper
169	100		
168	62.4	51.2	76.8
167	36.1	27.8	41.6



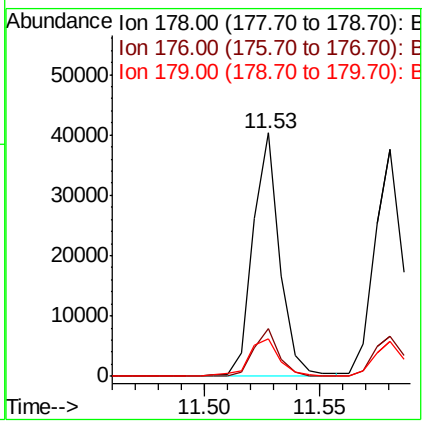


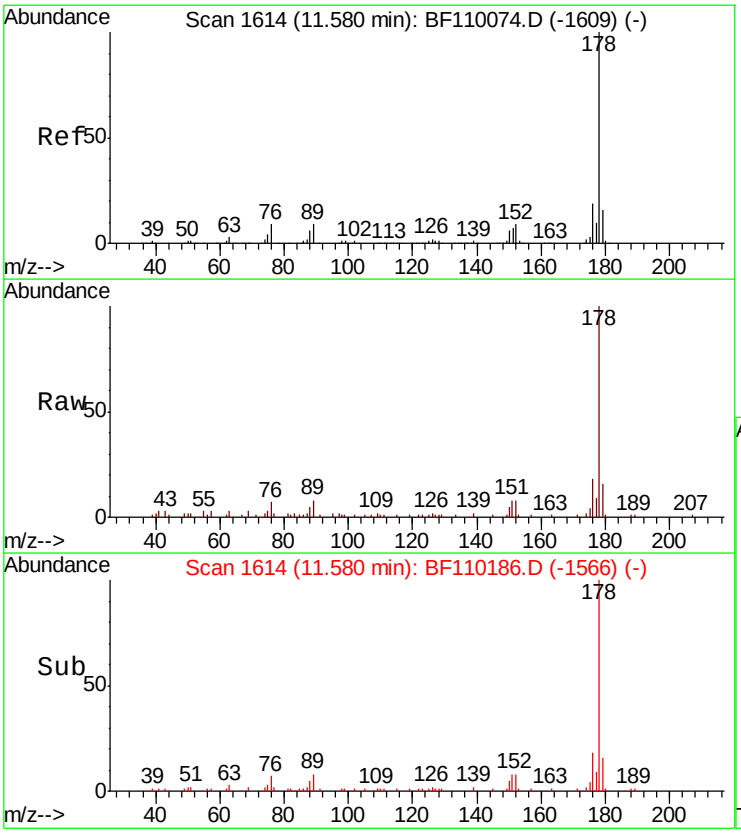
#71
Phenanthrene
Concen: 2.168 ng
RT: 11.53 min Scan# 1605
Delta R.T. -0.02 min
Lab File: BF110186.D
Acq: 26 Oct 2018 3:02

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:178 Resp: 32858

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

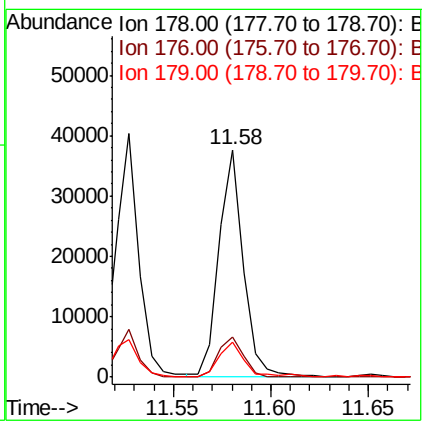


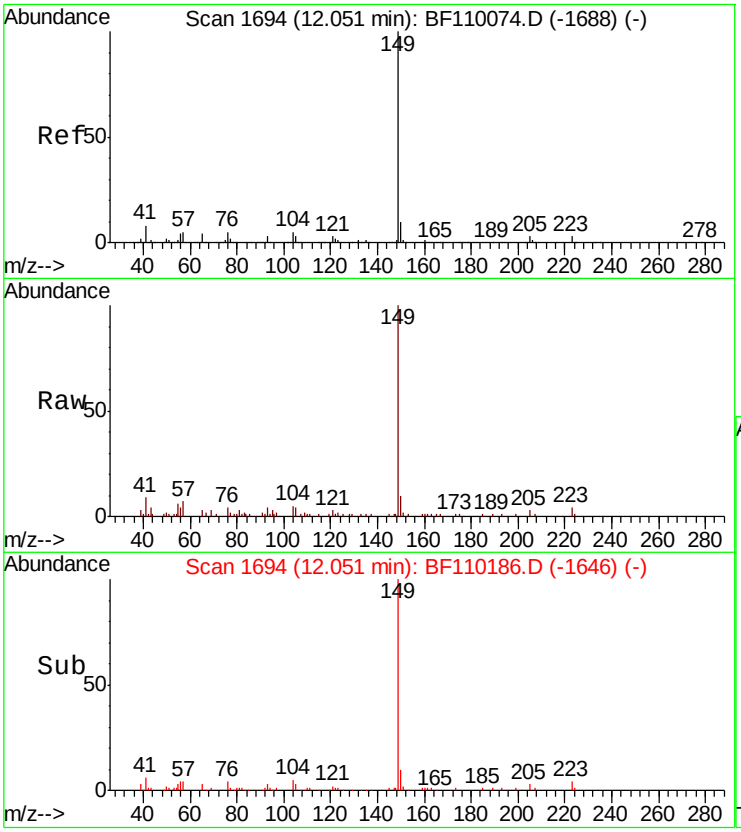


#72
Anthracene
Concen: 2.163 ng
RT: 11.58 min Scan# 1614
Delta R.T. -0.02 min
Lab File: BF110186.D
Acq: 26 Oct 2018 3:02

Tgt Ion:178 Resp: 32850

Ion	Ratio	Lower	Upper
178	100		
176	17.8	15.4	23.2
179	15.5	12.6	18.8



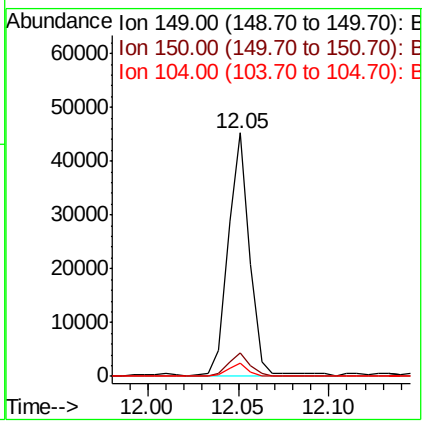


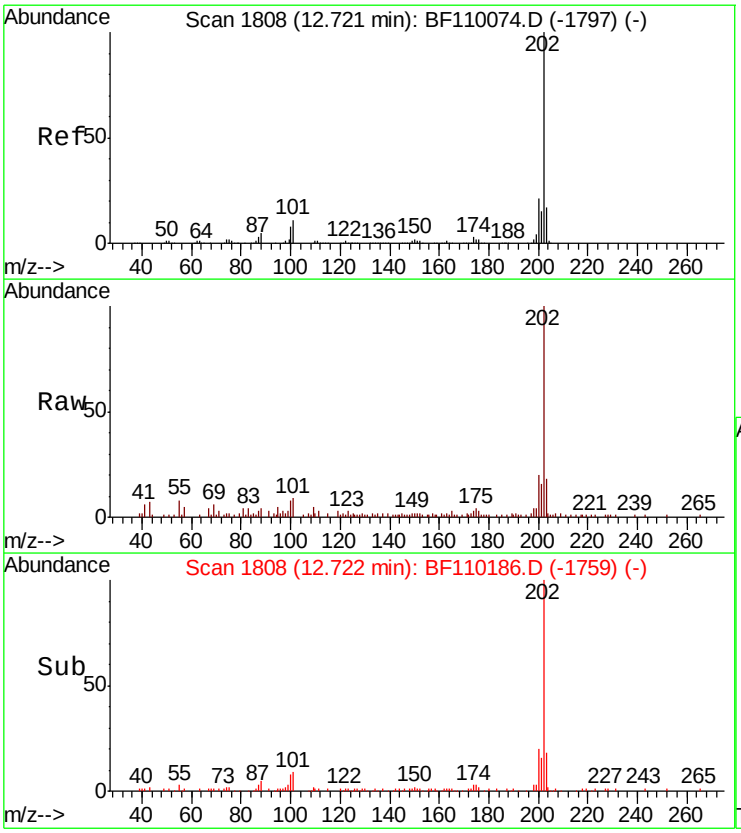
#74
Di-n-butylphthalate
Concen: 2.251 ng
RT: 12.05 min Scan# 1694
Delta R.T. -0.02 min
Lab File: BF110186.D
Acq: 26 Oct 2018 3:02

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:149 Resp: 37700

Ion	Ratio	Lower	Upper
149	100		
150	9.5	7.7	11.5
104	5.3	4.2	6.4

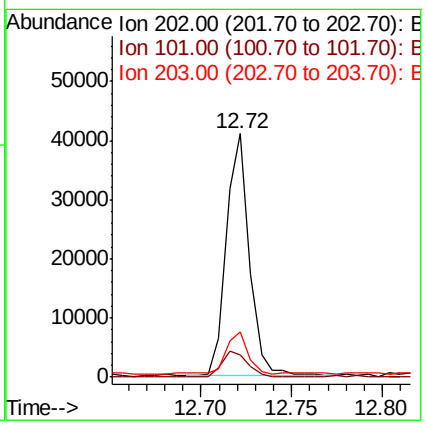


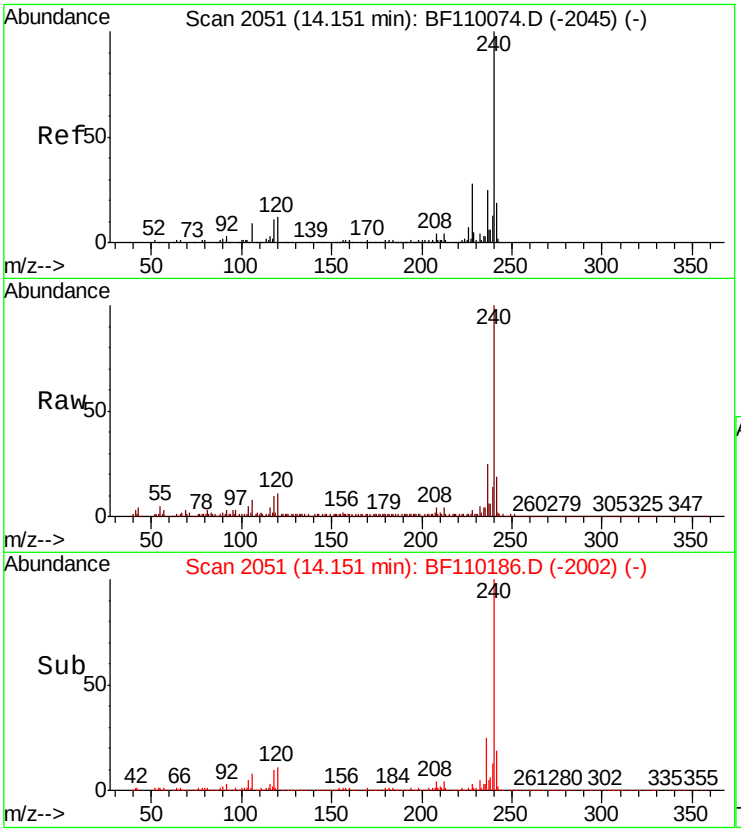


#75
Fluoranthene
Concen: 2.339 ng
RT: 12.72 min Scan# 1808
Delta R.T. -0.01 min
Lab File: BF110186.D
Acq: 26 Oct 2018 3:02

Tgt Ion:202 Resp: 35971

Ion	Ratio	Lower	Upper
202	100		
101	8.9	0.0	31.4
203	18.4	0.0	37.7



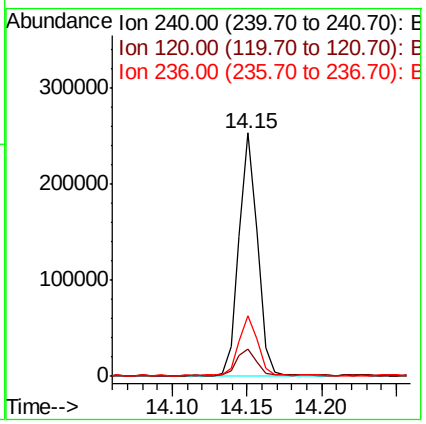


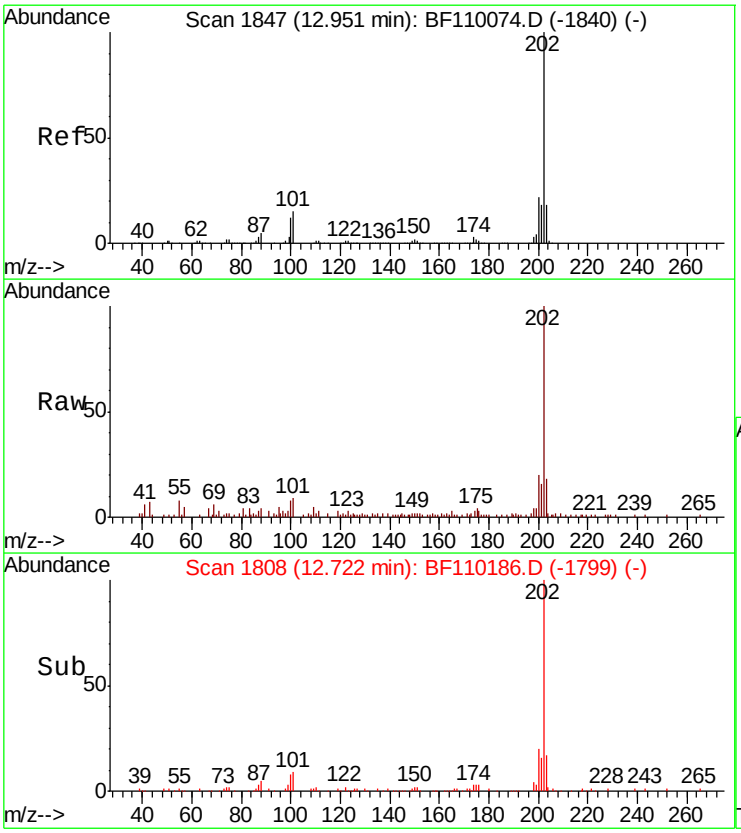
#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.15 min Scan# 2051
Delta R.T. -0.01 min
Lab File: BF110186.D
Acq: 26 Oct 2018 3:02

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:240 Resp: 219738

Ion	Ratio	Lower	Upper
240	100		
120	11.2	8.3	12.5
236	25.0	21.2	31.8

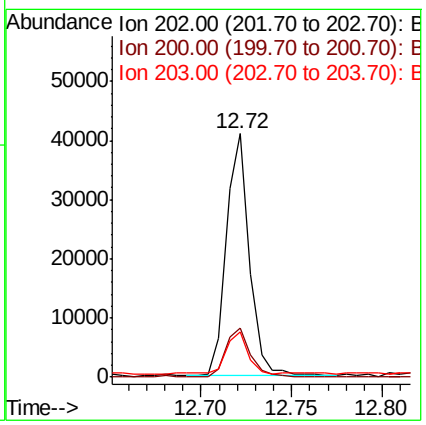


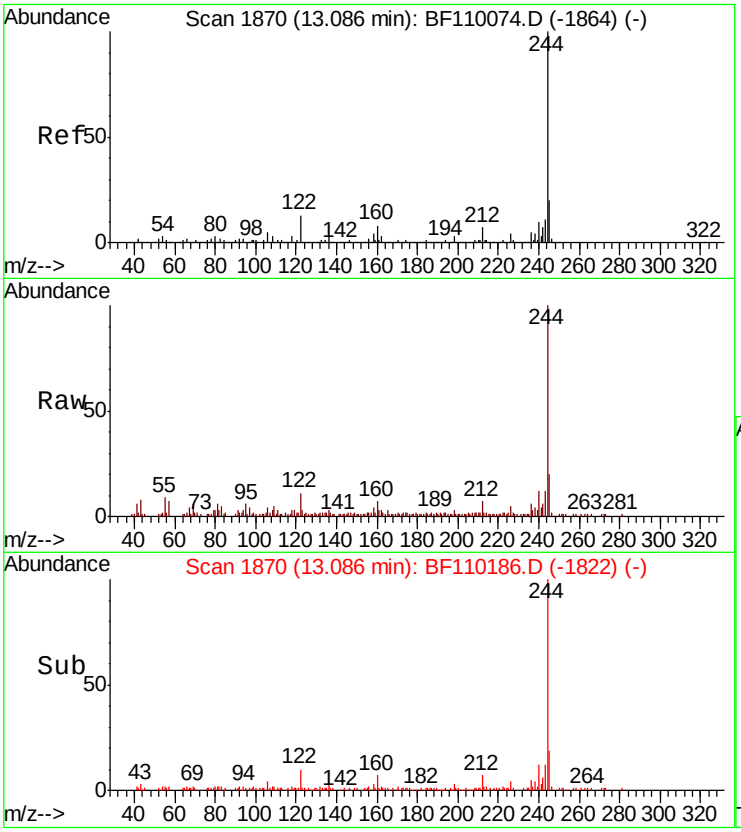


#78
Pyrene
Concen: 2.283 ng
RT: 12.72 min Scan# 1808
Delta R.T. -0.25 min
Lab File: BF110186.D
Acq: 26 Oct 2018 3:02

Tgt Ion:202 Resp: 35971

Ion	Ratio	Lower	Upper
202	100		
200	20.0	17.8	26.6
203	18.4	14.2	21.4



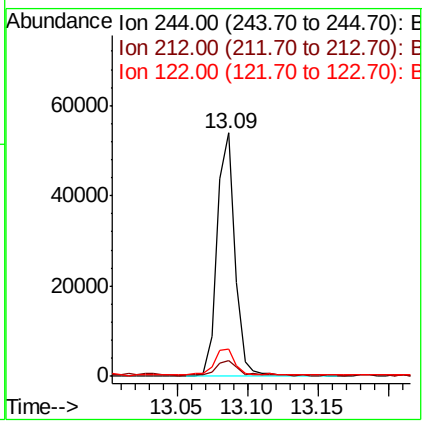


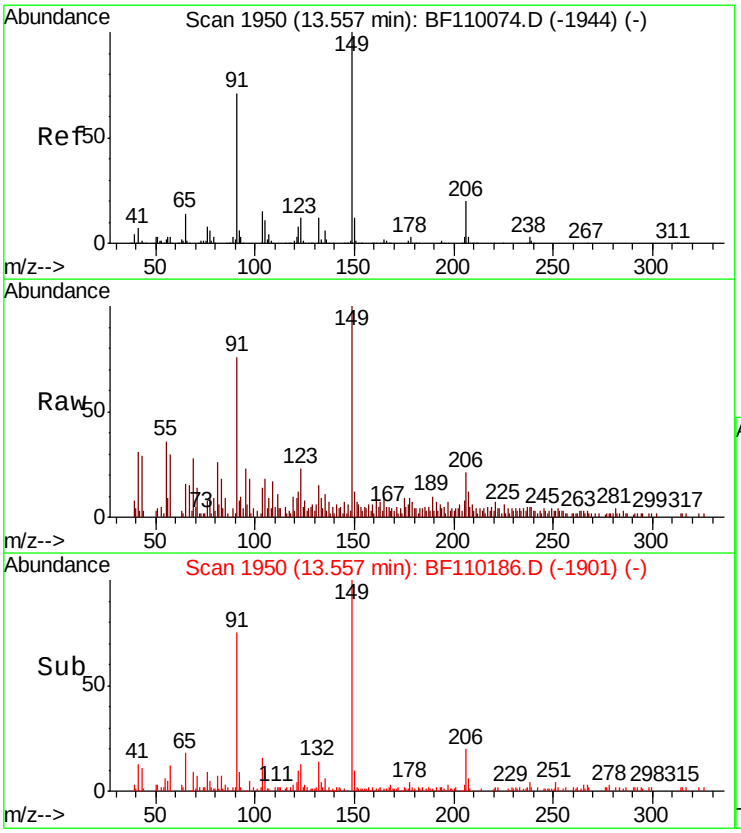
#79
Terphenyl-d14
Concen: 4.542 ng
RT: 13.09 min Scan# 1870
Delta R.T. -0.02 min
Lab File: BF110186.D
Acq: 26 Oct 2018 3:02

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:244 Resp: 47985

Ion	Ratio	Lower	Upper
244	100		
212	6.7	5.8	8.8
122	11.0	8.7	13.1

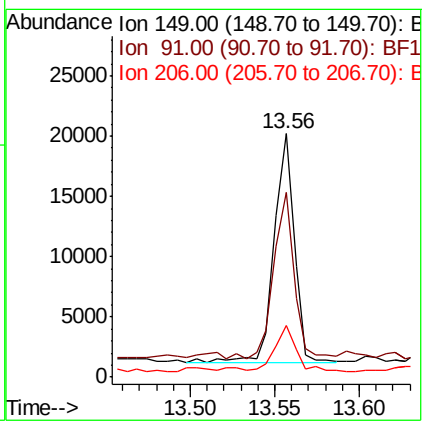


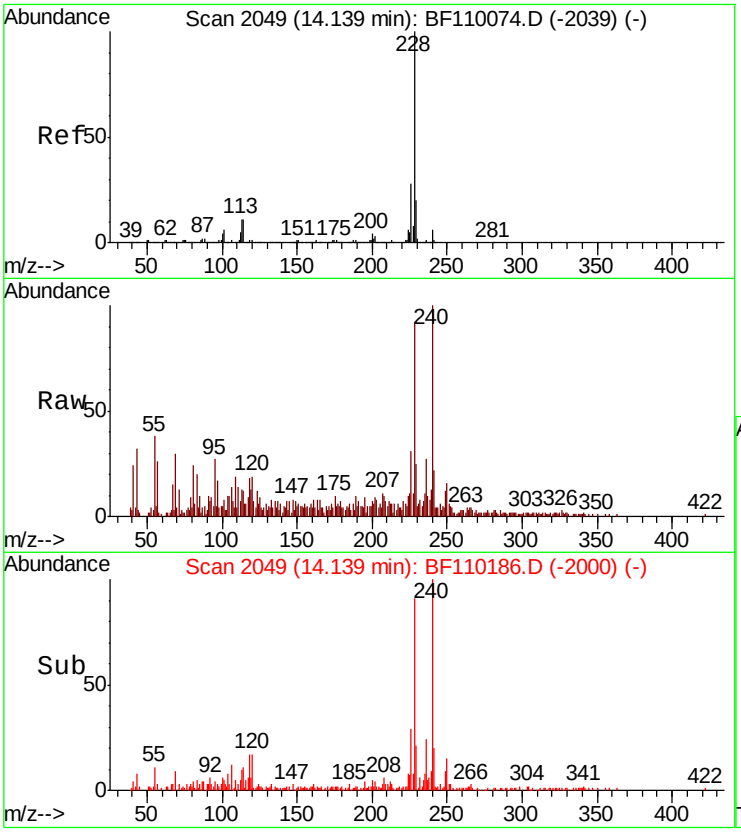


#80
Butylbenzylphthalate
Concen: 2.339 ng
RT: 13.56 min Scan# 1950
Delta R.T. -0.01 min
Lab File: BF110186.D
Acq: 26 Oct 2018 3:02

Tgt Ion:149 Resp: 15992

Ion	Ratio	Lower	Upper
149	100		
91	76.1	57.2	85.8
206	21.1	15.7	23.5



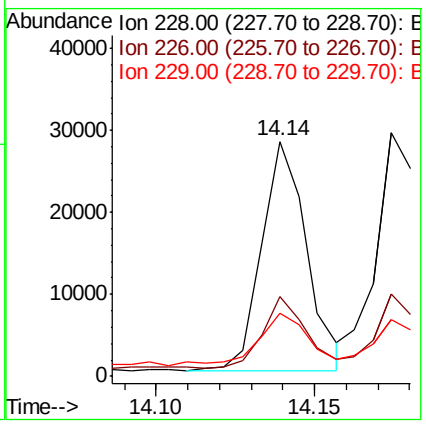


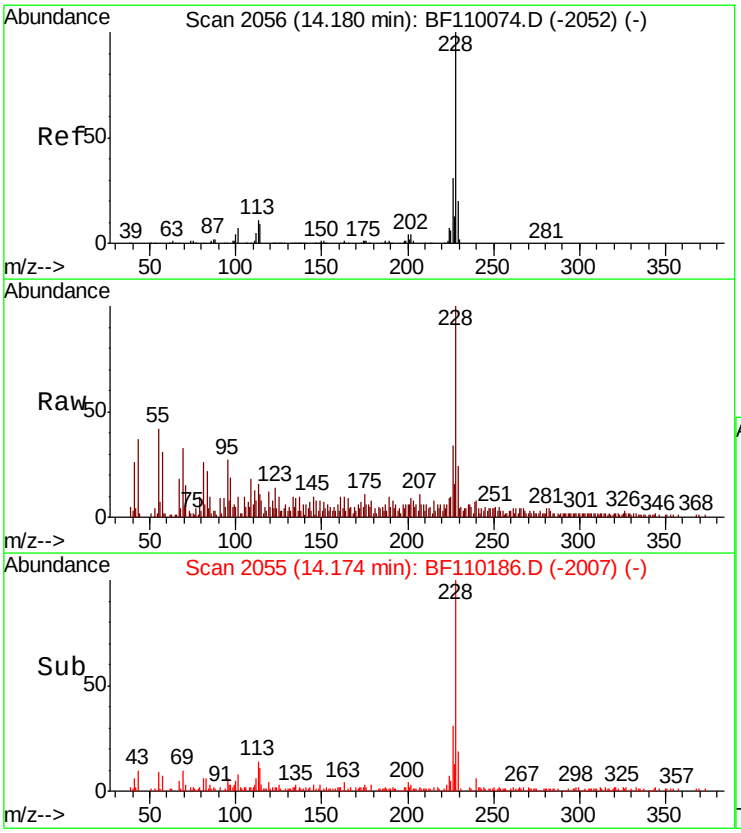
#81
Benzo(a)anthracene
Concen: 2.132 ng
RT: 14.14 min Scan# 2049
Delta R.T. -0.01 min
Lab File: BF110186.D
Acq: 26 Oct 2018 3:02

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:228 Resp: 27784

Ion	Ratio	Lower	Upper
228	100		
226	33.8	22.1	33.1#
229	27.1	15.6	23.4#

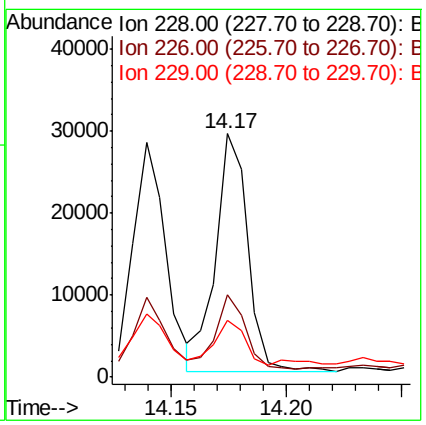


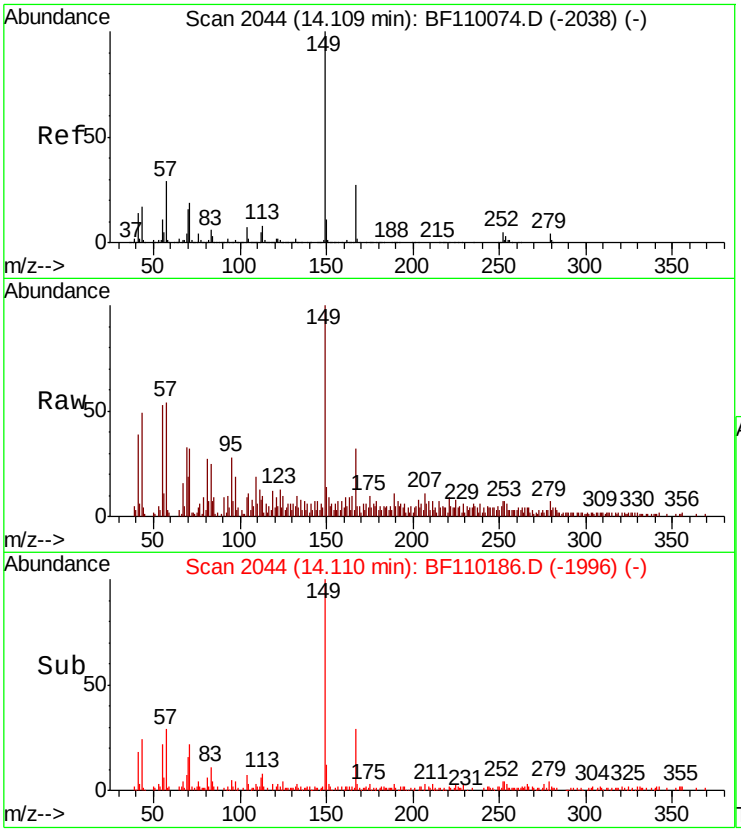


#83
Chrysene
Concen: 2.260 ng
RT: 14.17 min Scan# 2055
Delta R.T. -0.02 min
Lab File: BF110186.D
Acq: 26 Oct 2018 3:02

Tgt Ion:228 Resp: 27966

Ion	Ratio	Lower	Upper
228	100		
226	33.6	24.7	37.1
229	23.5	15.9	23.9



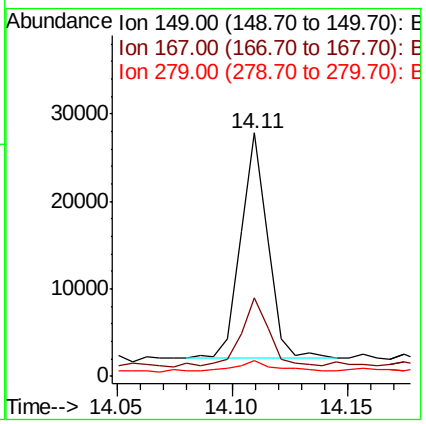


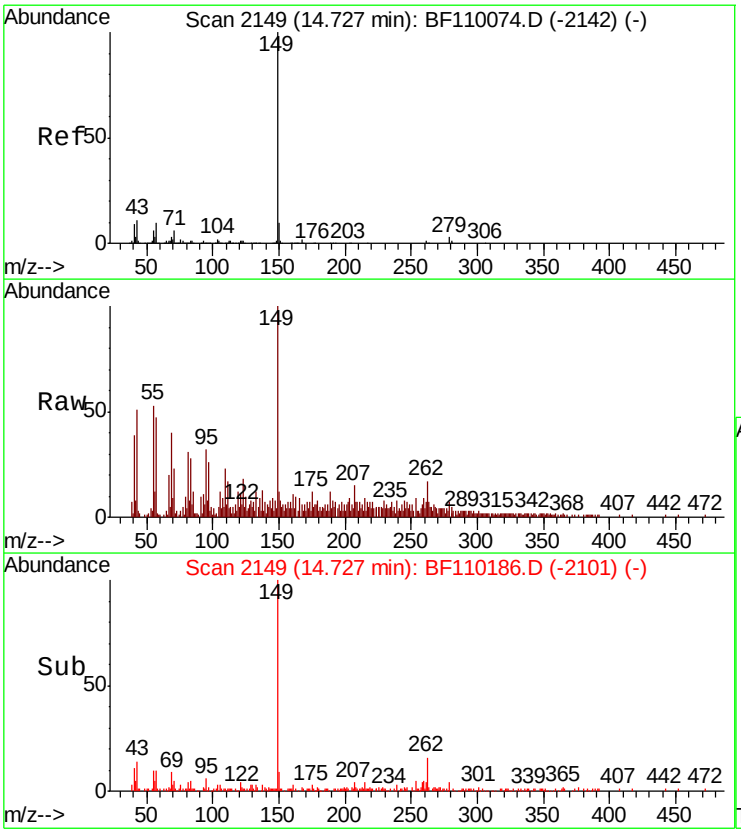
#84
Bis(2-ethylhexyl)phthalate
Concen: 2.276 ng
RT: 14.11 min Scan# 2044
Delta R.T. -0.02 min
Lab File: BF110186.D
Acq: 26 Oct 2018 3:02

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:149 Resp: 21037

Ion	Ratio	Lower	Upper
149	100		
167	32.0	19.8	29.8#
279	6.6	2.7	4.1#

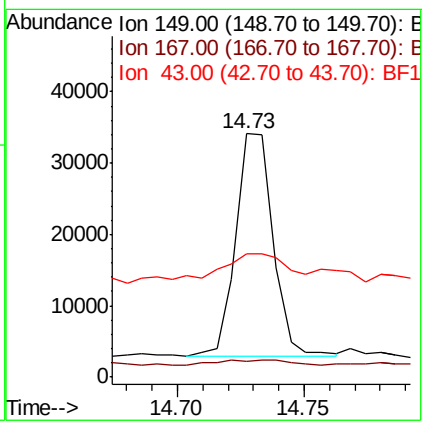


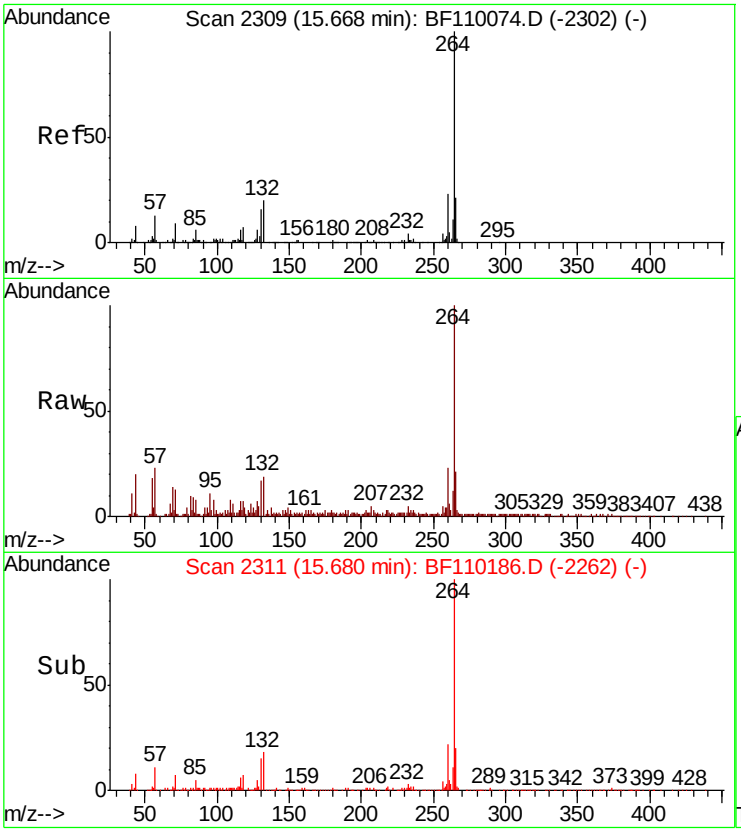


#85
Di-n-octyl phthalate
Concen: 2.223 ng
RT: 14.73 min Scan# 2149
Delta R.T. -0.02 min
Lab File: BF110186.D
Acq: 26 Oct 2018 3:02

Tgt Ion:149 Resp: 31947

Ion	Ratio	Lower	Upper
149	100		
167	4.5	1.1	1.7#
43	25.9	7.8	11.8#



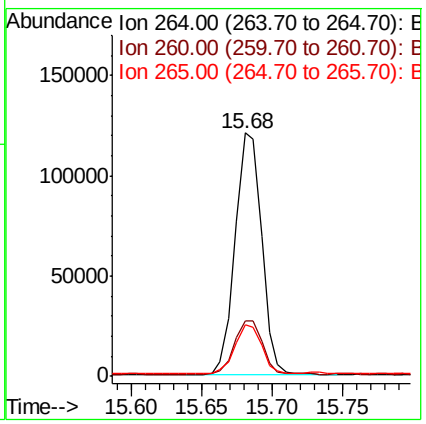


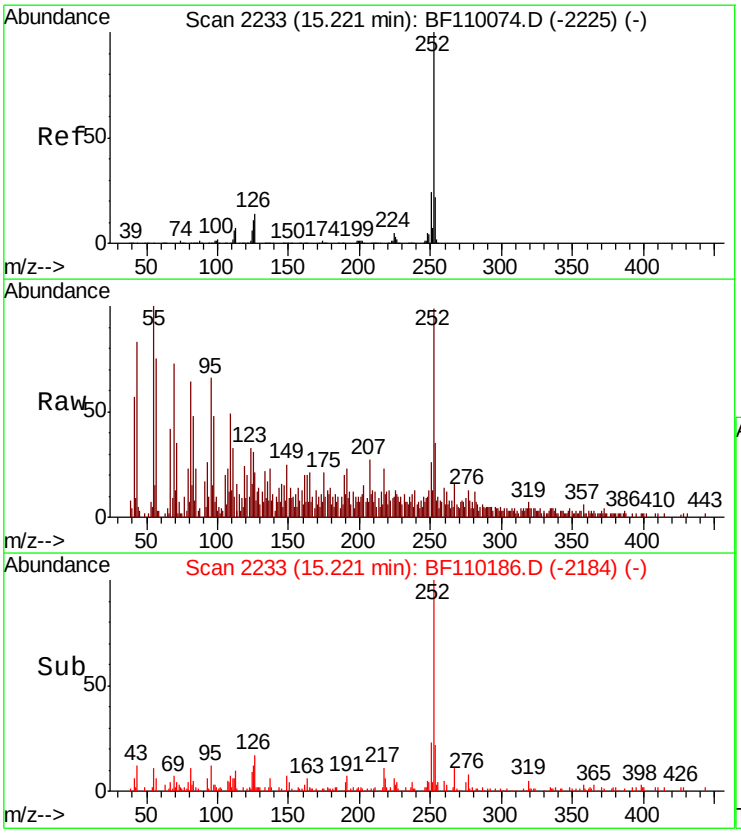
#87
Perylene-d12
Concen: 20.000 ng
RT: 15.68 min Scan# 2311
Delta R.T. -0.01 min
Lab File: BF110186.D
Acq: 26 Oct 2018 3:02

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:264 Resp: 160125

Ion	Ratio	Lower	Upper
264	100		
260	22.7	18.7	28.1
265	21.4	16.7	25.1

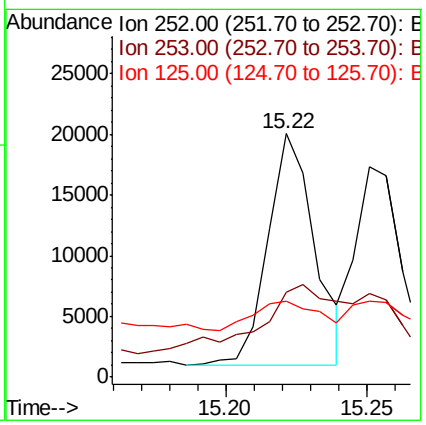


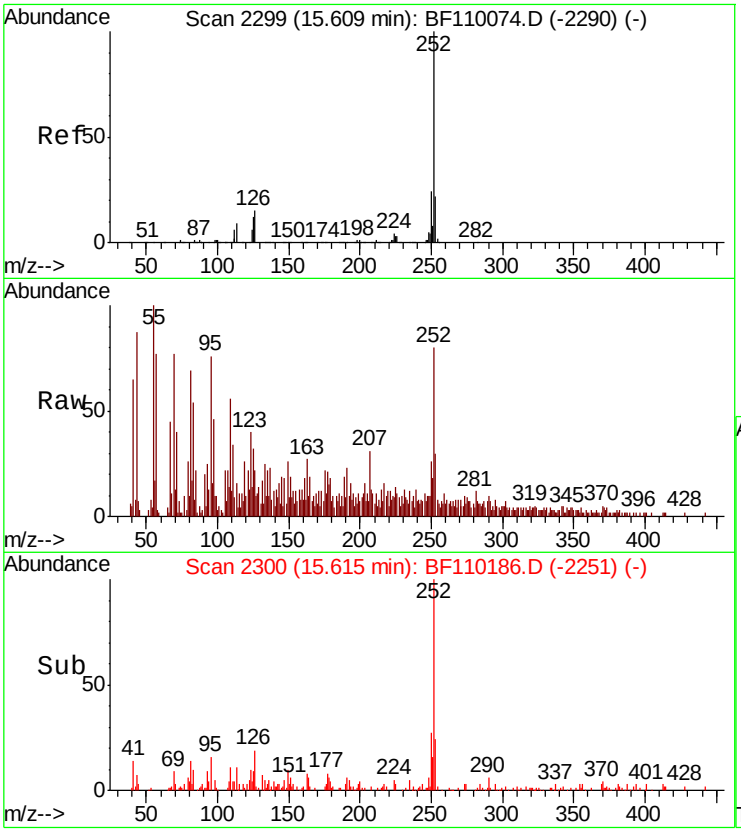


#88
Benzo(b)fluoranthene
Concen: 2.398 ng
RT: 15.22 min Scan# 2233
Delta R.T. -0.01 min
Lab File: BF110186.D
Acq: 26 Oct 2018 3:02

Tgt Ion:252 Resp: 22175

Ion	Ratio	Lower	Upper
252	100		
253	35.0	17.2	25.8#
125	31.3	8.2	12.4#



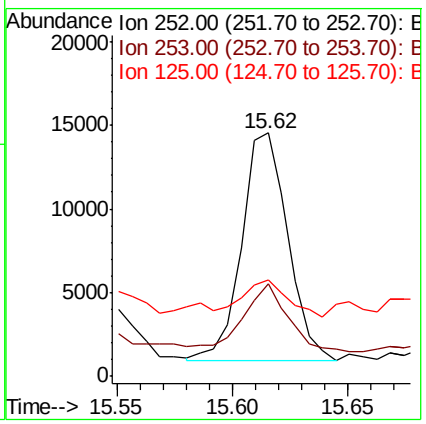


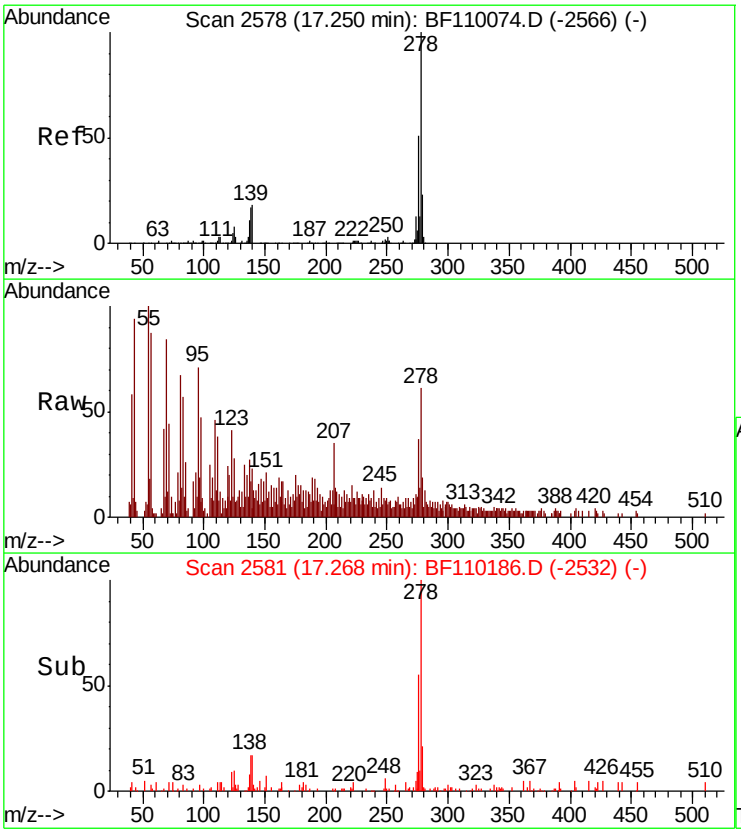
#90
Benzo(a)pyrene
Concen: 2.233 ng
RT: 15.62 min Scan# 2300
Delta R.T. -0.01 min
Lab File: BF110186.D
Acq: 26 Oct 2018 3:02

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:252 Resp: 19003

Ion	Ratio	Lower	Upper
252	100		
253	38.0	18.2	27.4#
125	39.4	9.0	13.6#

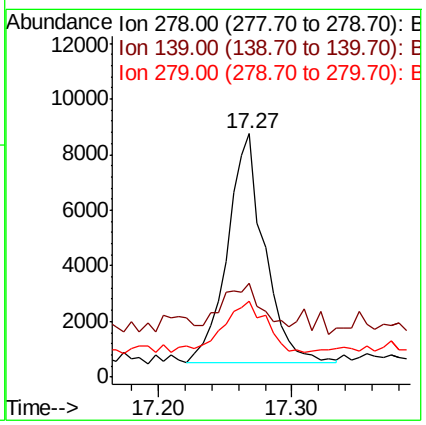


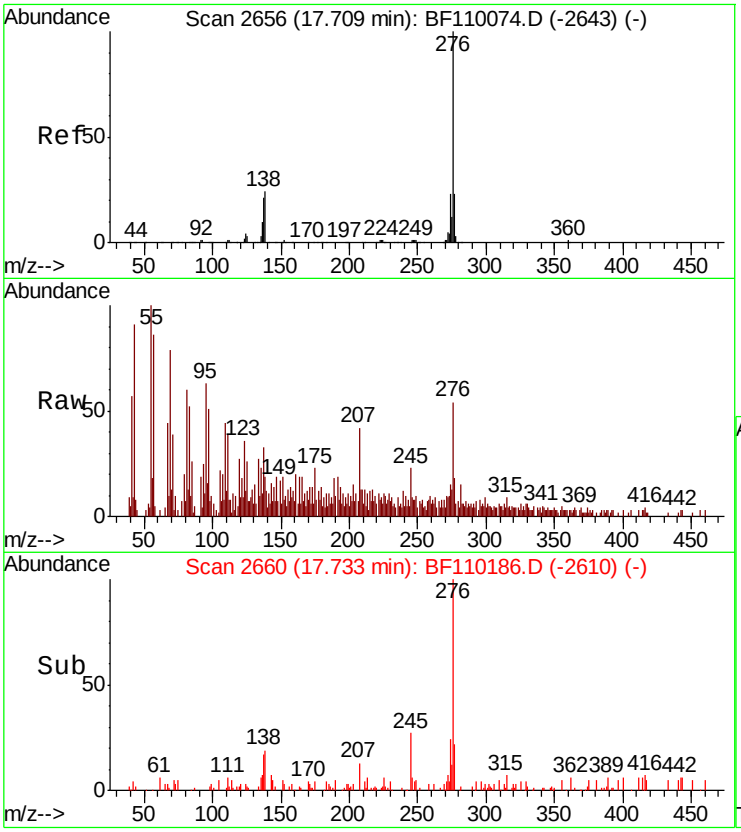


#91
Dibenzo(a,h)anthracene
Concen: 2.179 ng
RT: 17.27 min Scan# 2581
Delta R.T. -0.01 min
Lab File: BF110186.D
Acq: 26 Oct 2018 3:02

Tgt Ion:278 Resp: 15996

Ion	Ratio	Lower	Upper
278	100		
139	38.6	12.7	19.1#
279	31.2	19.0	28.4#





#92
Benzo(g,h,i)perylene
Concen: 2.034 ng
RT: 17.73 min Scan# 2660
Delta R.T. -0.01 min
Lab File: BF110186.D
Acq: 26 Oct 2018 3:02

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:276 Resp: 14717

Ion	Ratio	Lower	Upper
276	100		
277	33.2	18.8	28.2#
138	35.1	16.0	24.0#