Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF102518\
Data File : BF110172.D
Acq On : 25 Oct 2018 20:39
Operator : JU/SJ
Sample : J5625-03
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId :

Quant Time: Oct 26 04:17:34 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	6.96	152	167914	20.00	ng		-0.02
21) Naphthalene-d8	8.25	136	677605	20.00	ng		-0.02
39) Acenaphthene-d10	10.01	164	309279	20.00	ng		-0.02
64) Phenanthrene-d10	11.50	188	507677	20.00	ng		-0.02
76) Chrysene-d12	14.14	240	302112	20.00	ng		-0.02
87) Perylene-d12	15.67	264	291672	20.00	ng		-0.02
System Monitoring Compounds							
5) 2-Fluorophenol	5.59	112	1019765	98.90	ng		0.00
7) Phenol-d6	6.59	99	1295013	98.19	ng		-0.01
23) Nitrobenzene-d5	7.53	82	831103	72.75	ng		-0.02
42) 2,4,6-Tribromophenol	10.80	330	271312	88.56	ng		-0.01
45) 2-Fluorobiphenyl	9.32	172	1325708	67.31	ng		-0.02
79) Terphenyl-d14	13.09	244	909060	62.58	ng		-0.02
Target Compounds							Qvalue
10) Phenol	6.60	94	147051	10.431	ng	#	62
19) n-Nitroso-di-n-propylamine	7.53	70	113510	13.415	ng	#	78
25) Isophorone	7.53	82	830951	42.670	ng	#	67
31) Naphthalene	8.27	128	70866	2.269	ng		99
37) 2-Methylnaphthalene	8.96	142	46122	2.232	ng		100
50) Dimethylphthalate	9.72	163	256818	11.249	ng		99
54) 2,4-Dinitrophenol	10.29	184	121	5.233	ng	#	12
67) 4-Bromophenyl-phenylether	10.80	248	17035	3.093	ng	#	1
71) Phenanthrene	11.52	178	200384	7.543	ng		99
72) Anthracene	11.57	178	63001	2.366	ng		99
75) Fluoranthene	12.72	202	305842	11.345	ng		100
78) Pyrene	12.95	202	346940	16.018	ng		98
80) Butylbenzylphthalate	13.55	149	90152	9.590	ng		96
81) Benzo(a)anthracene	14.13	228	176654	9.860	ng		95
83) Chrysene	14.17	228	175201	10.296	ng		98
84) Bis(2-ethylhexyl)phthalate	14.10	149	67344	5.299	ng		98
86) Indeno(1,2,3-cd)pyrene	17.23	276	100767	7.138	ng		99
88) Benzo(b)fluoranthene	15.22	252	325775	19.342	ng		98
89) Benzo(k)fluoranthene	15.22	252	325775	19.674	ng	#	97
90) Benzo(a)pyrene	15.60	252	158590	10.233	ng		98
91) Dibenzo(a,h)anthracene	17.23	278	29086	2.175	ng	#	77
92) Benzo(g,h,i)perylene	17.70	276	95977	7.283	ng		94

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

Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF102518\
Data File : BF110172.D
Acq On : 25 Oct 2018 20:39
Operator : JU/SJ
Sample : J5625-03
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :

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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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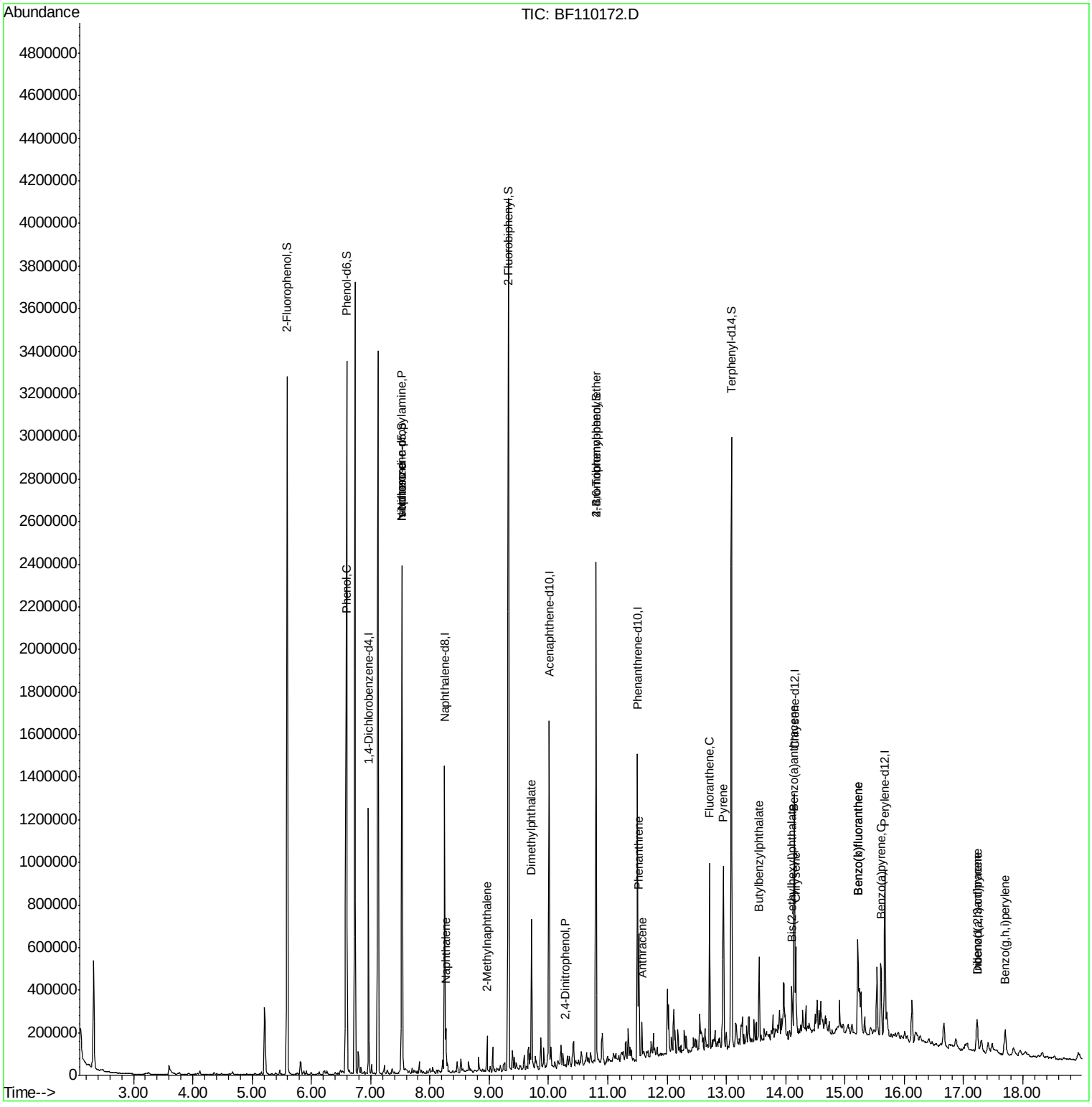
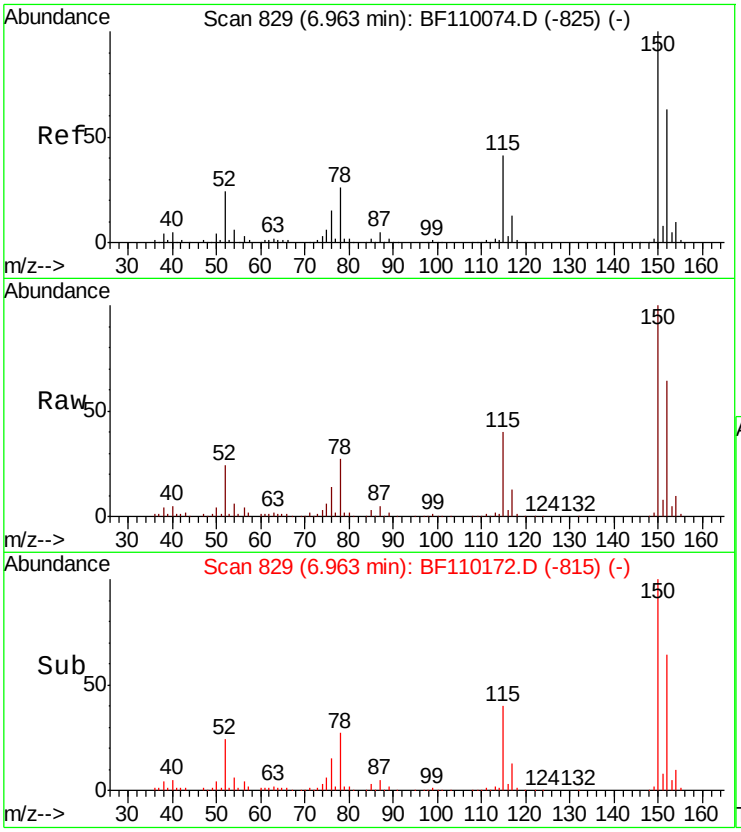


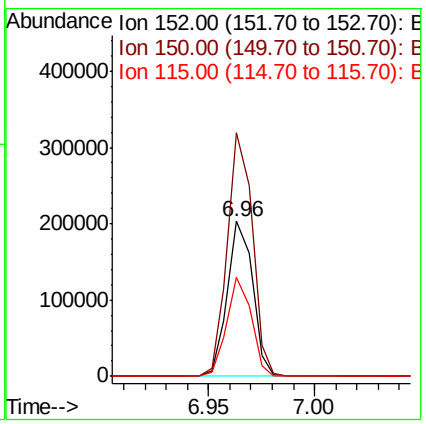


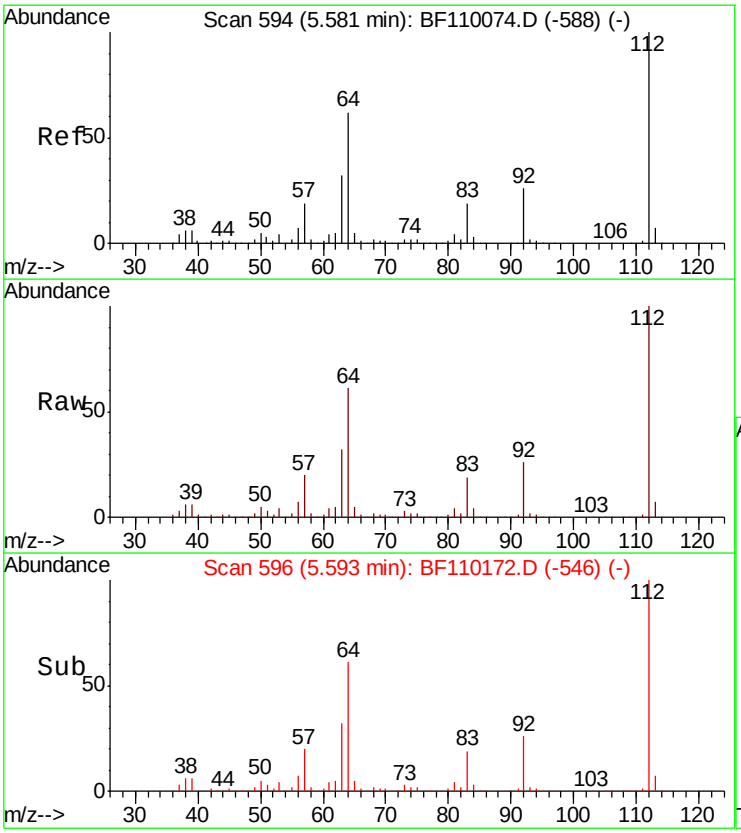
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.96 min Scan# 829
Delta R.T. -0.02 min
Lab File: BF110172.D
Acq: 25 Oct 2018 20:39

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:152 Resp: 167914

Ion	Ratio	Lower	Upper
152	100		
150	157.2	122.7	184.1
115	63.6	49.1	73.7

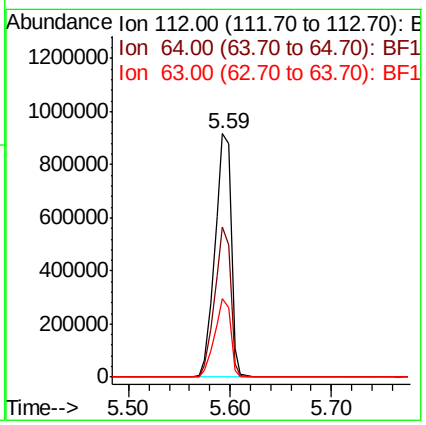


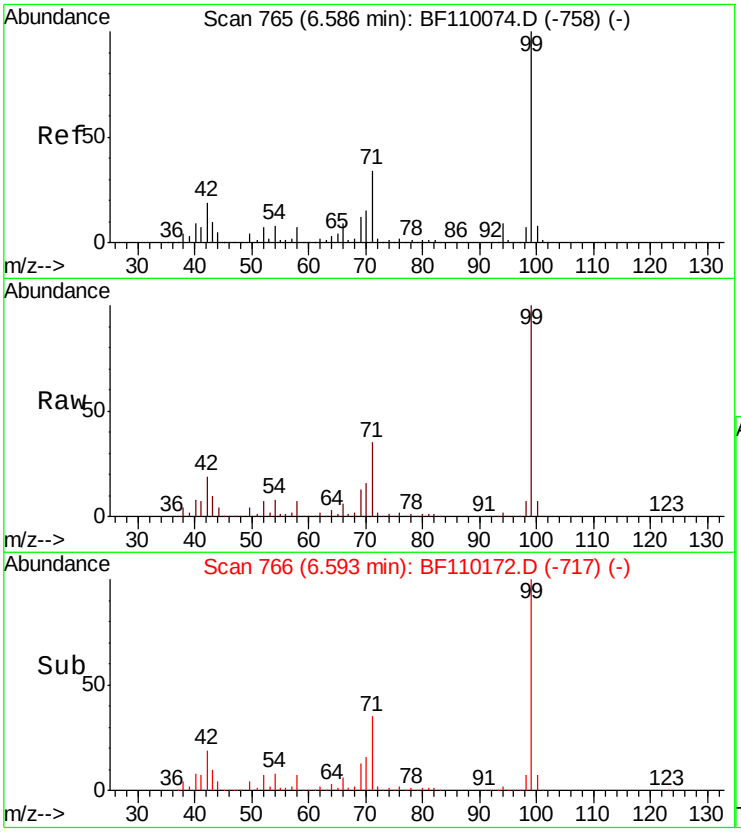


#5
2-Fluorophenol
Concen: 98.898 ng
RT: 5.59 min Scan# 596
Delta R.T. -0.01 min
Lab File: BF110172.D
Acq: 25 Oct 2018 20:39

Tgt Ion:112 Resp: 1019765

Ion	Ratio	Lower	Upper
112	100		
64	61.4	44.1	66.1
63	32.5	23.7	35.5



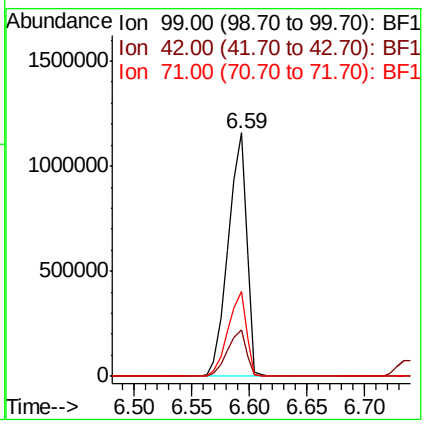


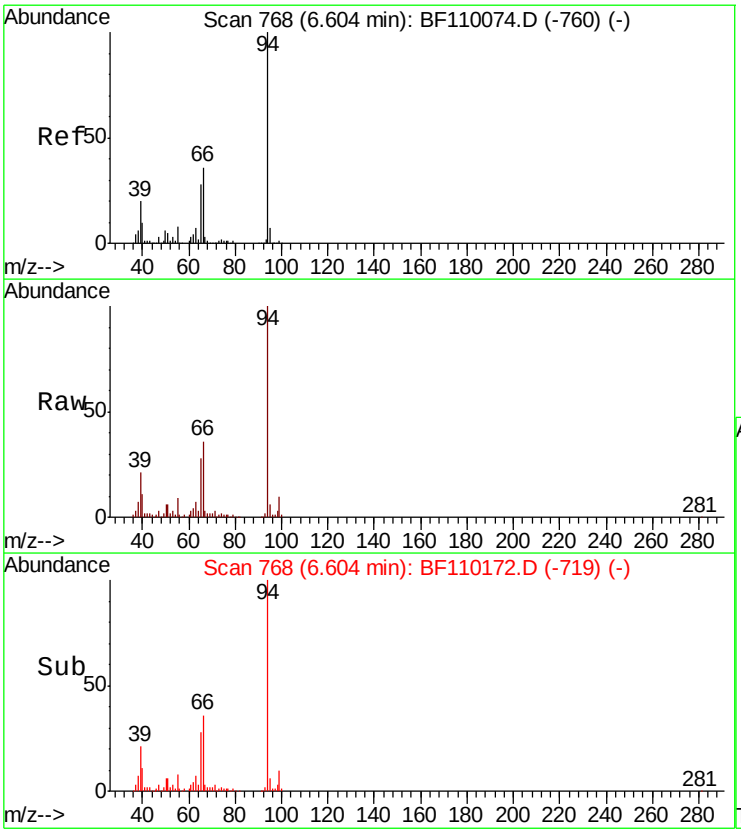
#7
Phenol-d6
Concen: 98.190 ng
RT: 6.59 min Scan# 766
Delta R.T. -0.01 min
Lab File: BF110172.D
Acq: 25 Oct 2018 20:39

Instrument :
BNA_F
ClientSampleId :

Tgt Ion: 99 Resp: 1295013

Ion	Ratio	Lower	Upper
99	100		
42	19.3	15.8	23.6
71	34.9	28.0	42.0

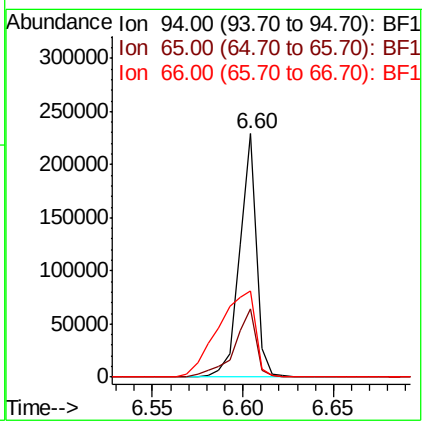


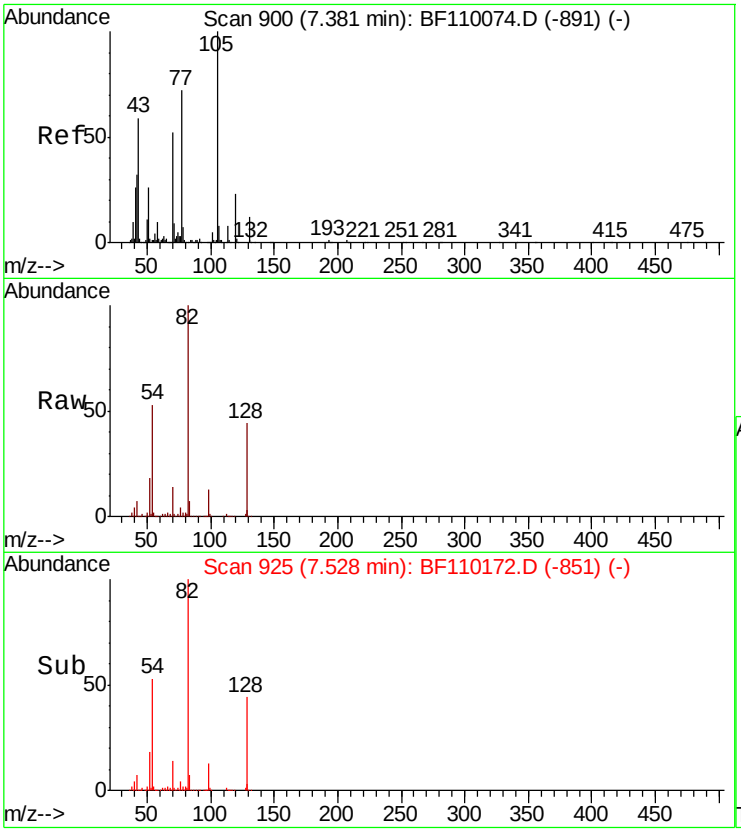


#10
Phenol
Concen: 10.431 ng
RT: 6.60 min Scan# 768
Delta R.T. -0.01 min
Lab File: BF110172.D
Acq: 25 Oct 2018 20:39

Tgt Ion: 94 Resp: 147051

Ion	Ratio	Lower	Upper
94	100		
65	28.1	25.3	65.3
66	35.6	54.5	94.5#



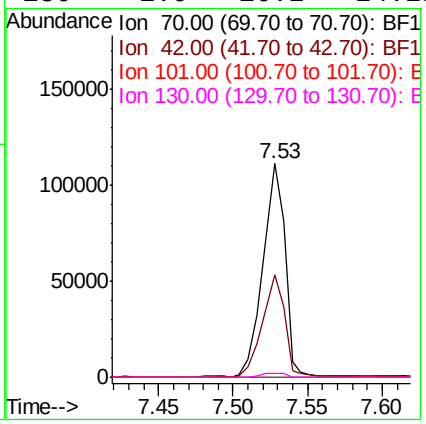


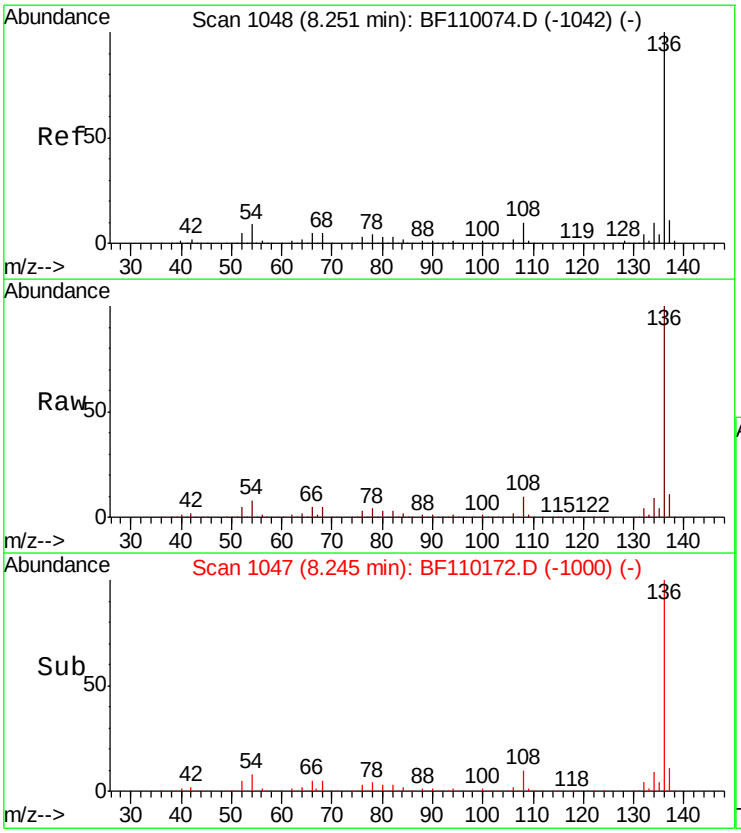
#19
n-Nitroso-di-n-propylamine
Concen: 13.415 ng
RT: 7.53 min Scan# 925
Delta R.T. 0.14 min
Lab File: BF110172.D
Acq: 25 Oct 2018 20:39

Instrument :
BNA_F
ClientSampleId :

Tgt Ion: 70 Resp: 113510

Ion	Ratio	Lower	Upper
70	100		
42	48.1	47.4	71.2
101	0.0	7.3	10.9#
130	1.9	16.2	24.2#

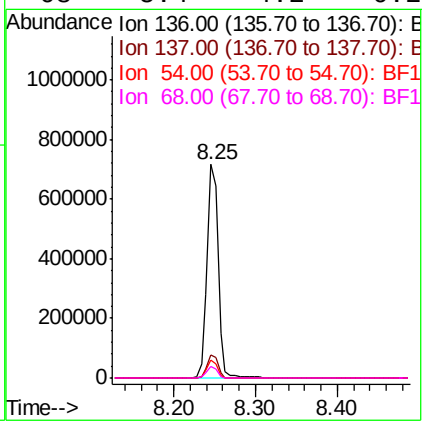


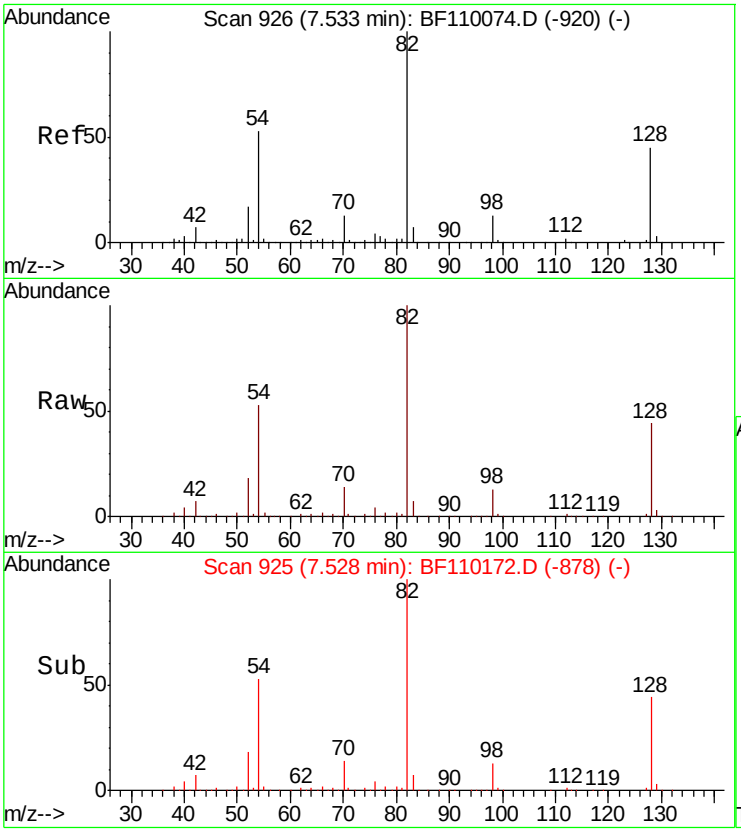


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.25 min Scan# 1047
Delta R.T. -0.02 min
Lab File: BF110172.D
Acq: 25 Oct 2018 20:39

Tgt Ion:136 Resp: 677605

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



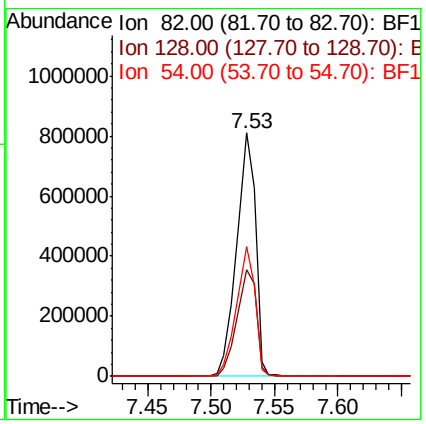


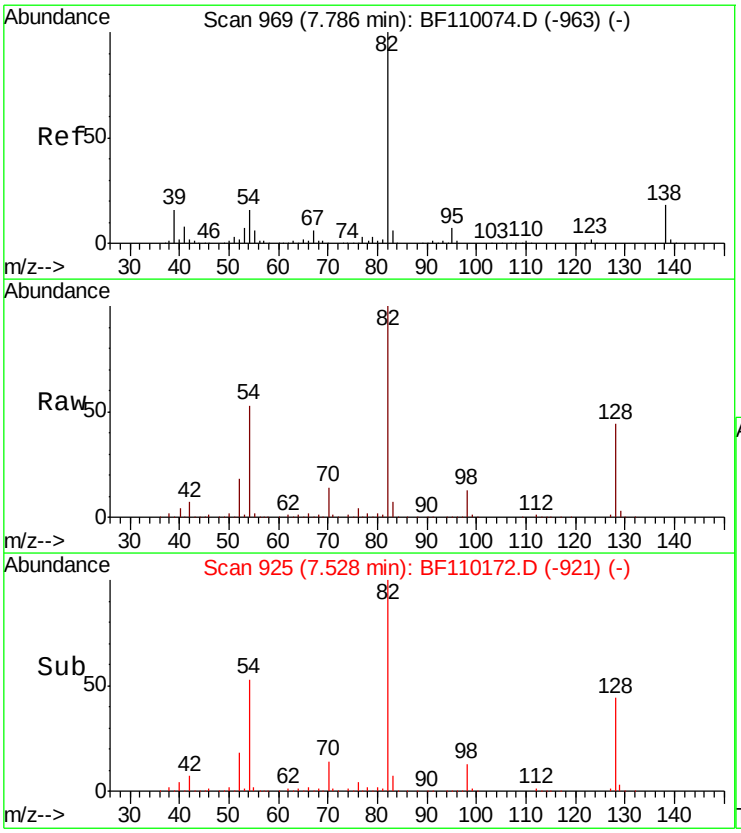
#23
Nitrobenzene-d5
Concen: 72.749 ng
RT: 7.53 min Scan# 925
Delta R.T. -0.02 min
Lab File: BF110172.D
Acq: 25 Oct 2018 20:39

Instrument :
BNA_F
ClientSampleId :

Tgt Ion: 82 Resp: 831103

Ion	Ratio	Lower	Upper
82	100		
128	43.9	34.2	51.2
54	53.5	38.6	58.0

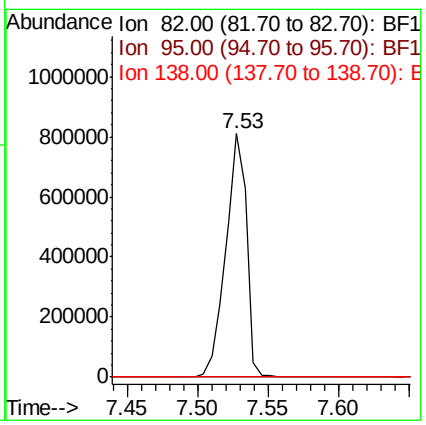


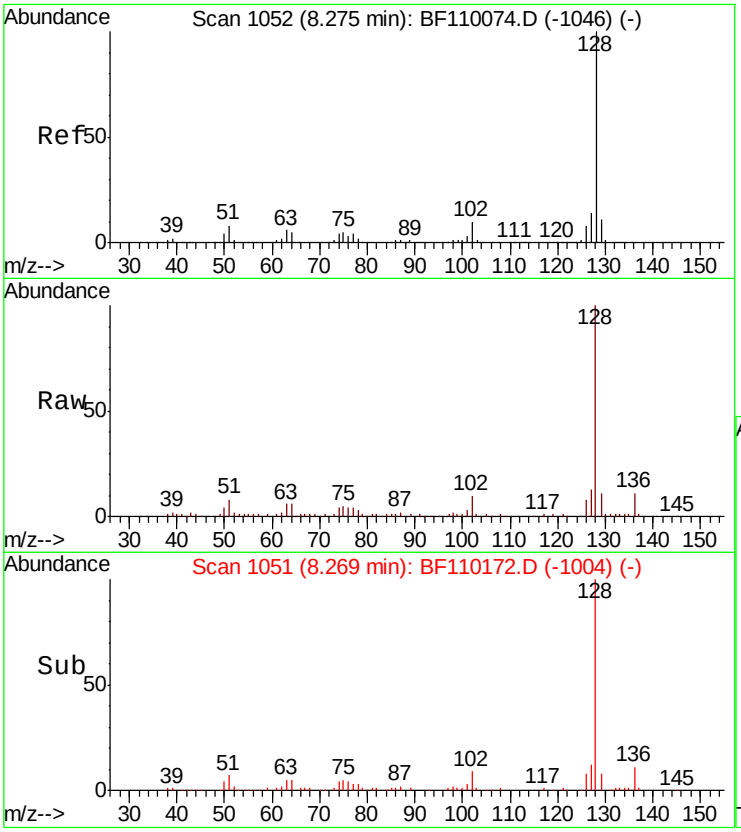


#25
Isophorone
Concen: 42.670 ng
RT: 7.53 min Scan# 925
Delta R.T. -0.28 min
Lab File: BF110172.D
Acq: 25 Oct 2018 20:39

Tgt Ion: 82 Resp: 830951

Ion	Ratio	Lower	Upper
82	100		
95	0.1	5.7	8.5#
138	0.0	13.2	19.8#



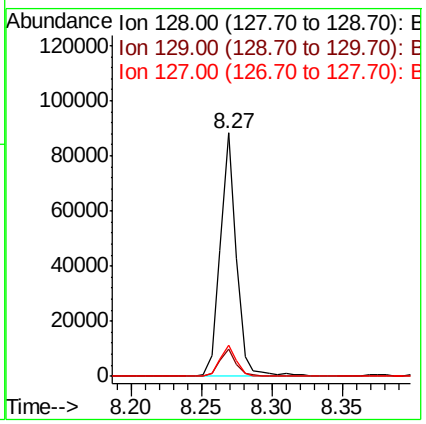


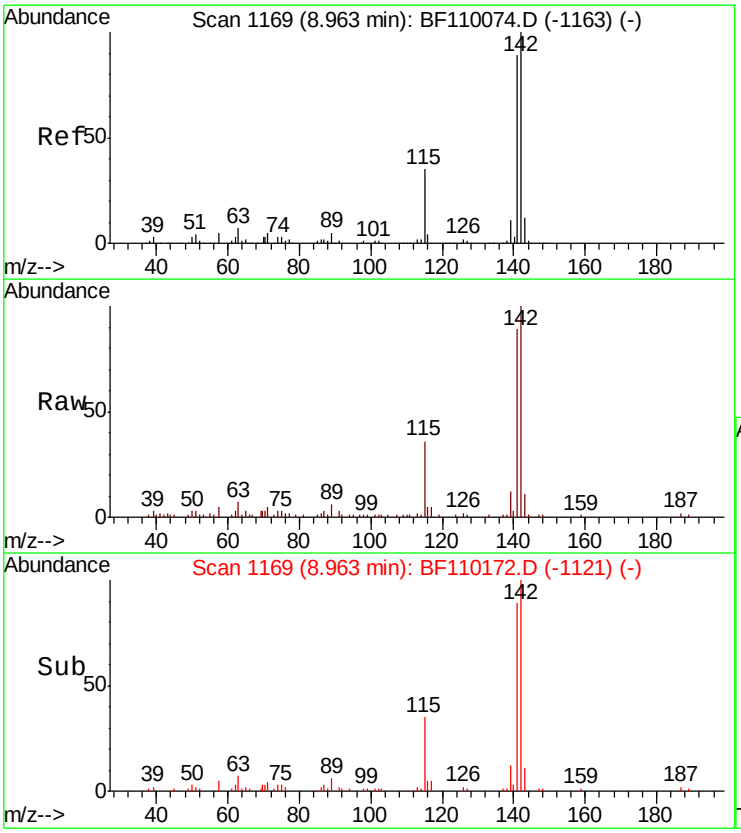
#31
Naphthalene
Concen: 2.269 ng
RT: 8.27 min Scan# 1051
Delta R.T. -0.02 min
Lab File: BF110172.D
Acq: 25 Oct 2018 20:39

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:128 Resp: 70866

Ion	Ratio	Lower	Upper
128	100		
129	11.3	8.8	13.2
127	12.9	10.8	16.2

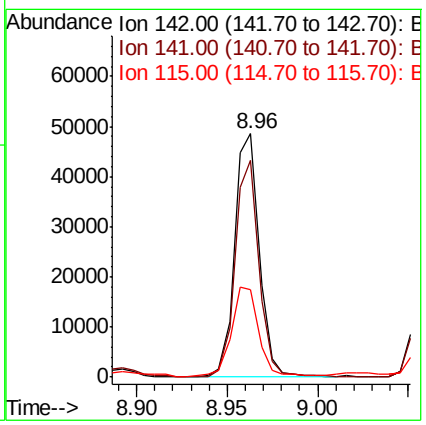


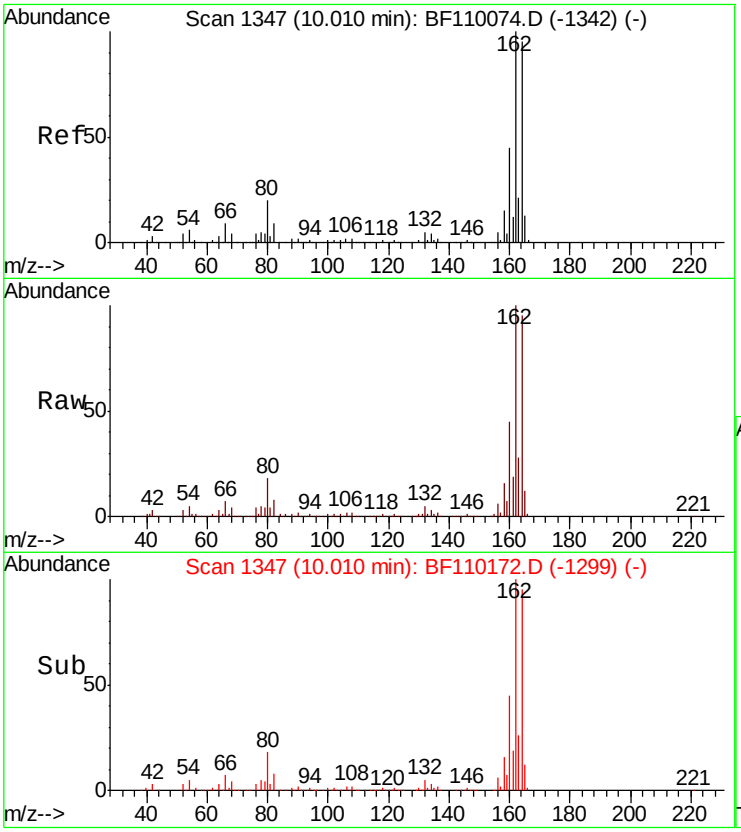


#37
2-Methylnaphthalene
Concen: 2.232 ng
RT: 8.96 min Scan# 1169
Delta R.T. -0.02 min
Lab File: BF110172.D
Acq: 25 Oct 2018 20:39

Tgt Ion:142 Resp: 46122

Ion	Ratio	Lower	Upper
142	100		
141	89.1	71.4	107.2
115	35.9	28.7	43.1



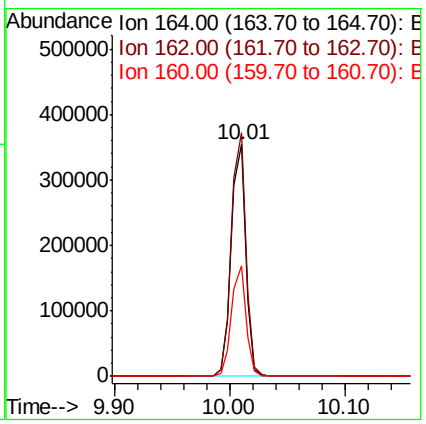


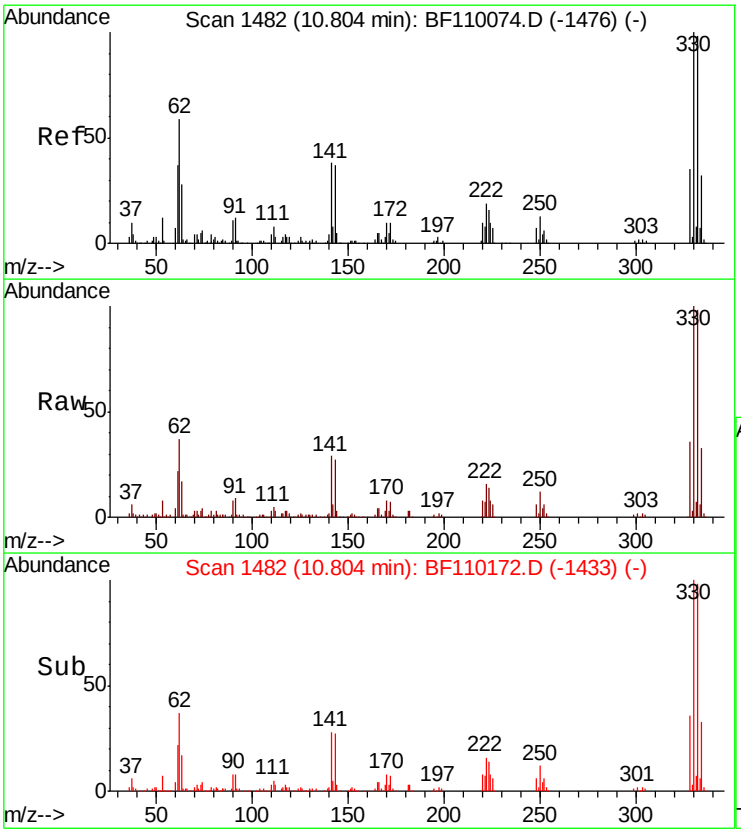
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 10.01 min Scan# 1347
Delta R.T. -0.02 min
Lab File: BF110172.D
Acq: 25 Oct 2018 20:39

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:164 Resp: 309279

Ion	Ratio	Lower	Upper
164	100		
162	104.9	83.0	124.6
160	47.5	37.0	55.6

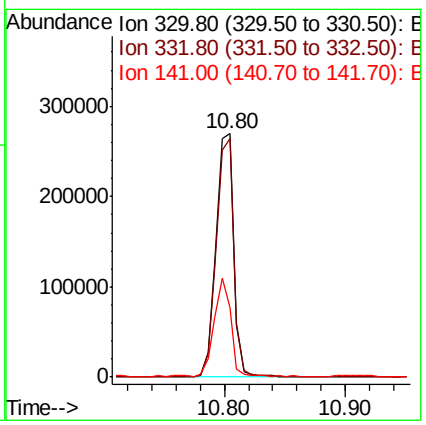


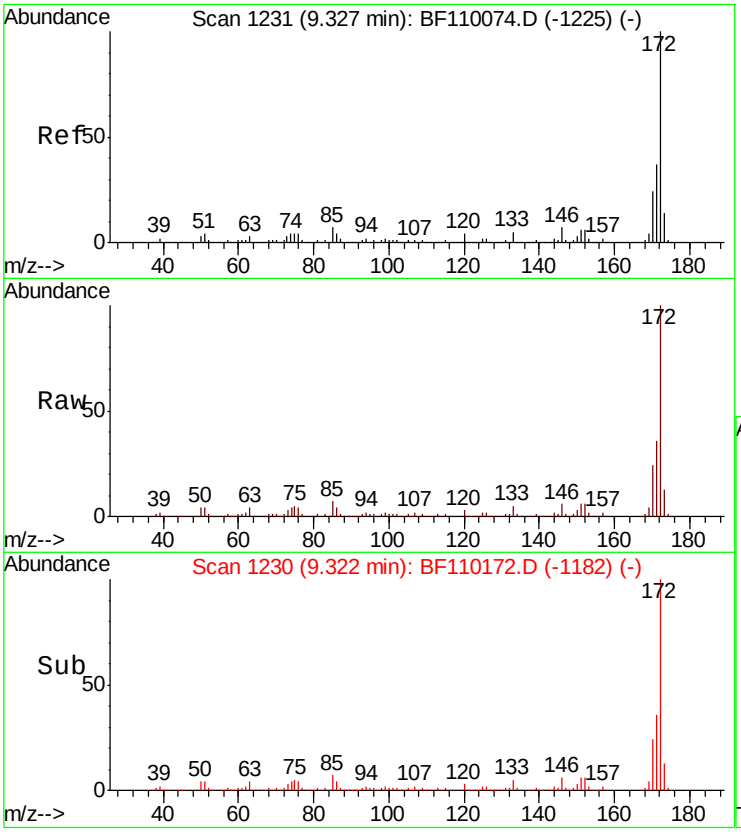


#42
2,4,6-Tribromophenol
Concen: 88.559 ng
RT: 10.80 min Scan# 1482
Delta R.T. -0.01 min
Lab File: BF110172.D
Acq: 25 Oct 2018 20:39

Tgt Ion:330 Resp: 271312

Ion	Ratio	Lower	Upper
330	100		
332	96.0	77.1	115.7
141	37.2	27.0	40.4



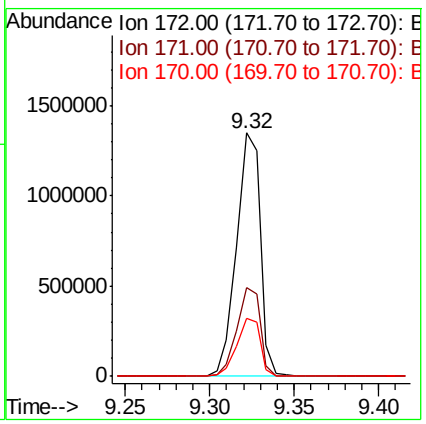


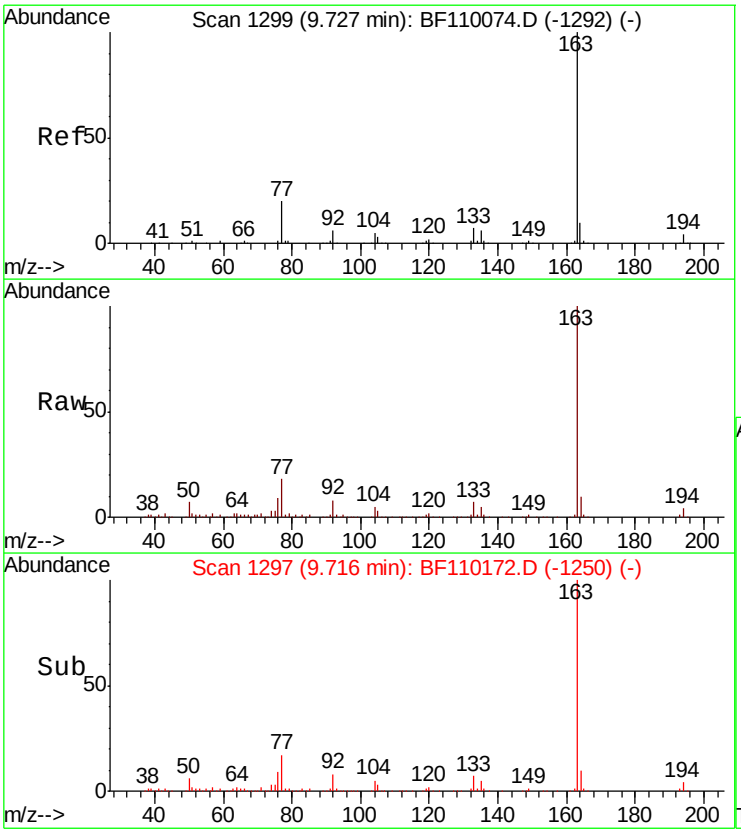
#45
2-Fluorobiphenyl
Concen: 67.308 ng
RT: 9.32 min Scan# 1230
Delta R.T. -0.02 min
Lab File: BF110172.D
Acq: 25 Oct 2018 20:39

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:172 Resp: 1325708

Ion	Ratio	Lower	Upper
172	100		
171	36.2	28.6	43.0
170	23.7	19.7	29.5

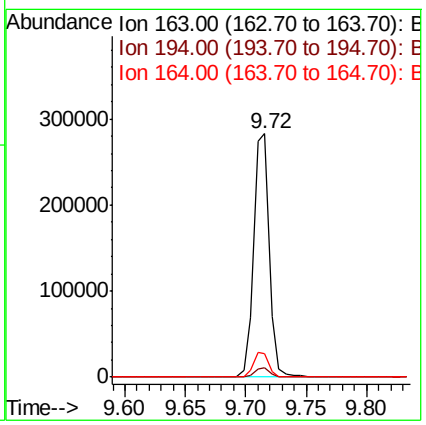


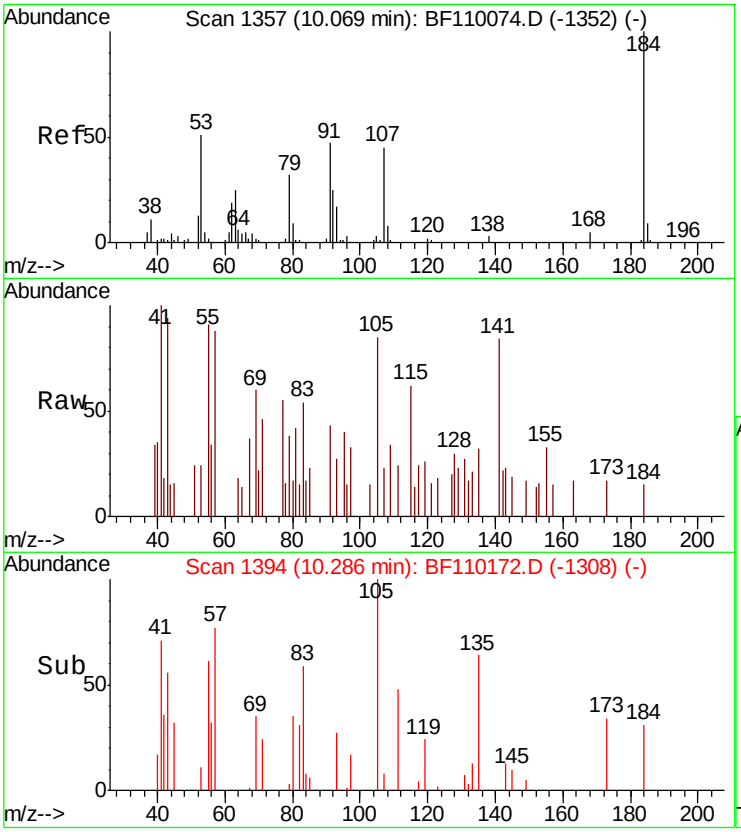


#50
Dimethylphthalate
Concen: 11.249 ng
RT: 9.72 min Scan# 1297
Delta R.T. -0.02 min
Lab File: BF110172.D
Acq: 25 Oct 2018 20:39

Tgt Ion:163 Resp: 256818

Ion	Ratio	Lower	Upper
163	100		
194	3.7	3.2	4.8
164	9.9	8.1	12.1



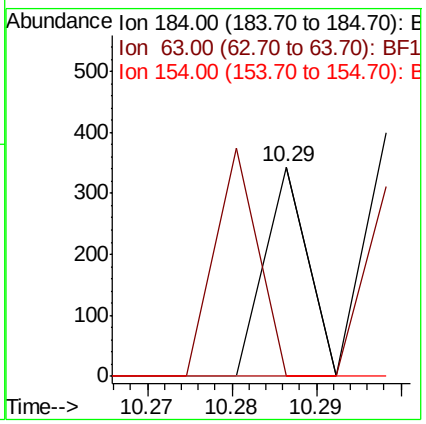


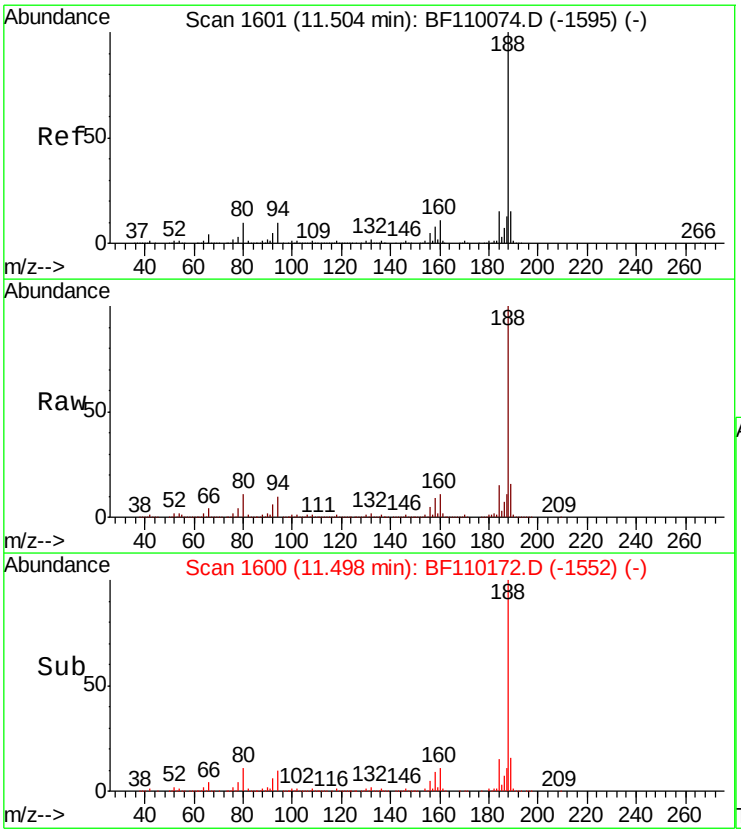
#54
2,4-Dinitrophenol
Concen: 5.233 ng
RT: 10.29 min Scan# 1394
Delta R.T. 0.21 min
Lab File: BF110172.D
Acq: 25 Oct 2018 20:39

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:184 Resp: 121

Ion	Ratio	Lower	Upper
184	100		
63	0.0	55.8	83.6#
154	0.0	63.2	94.8#

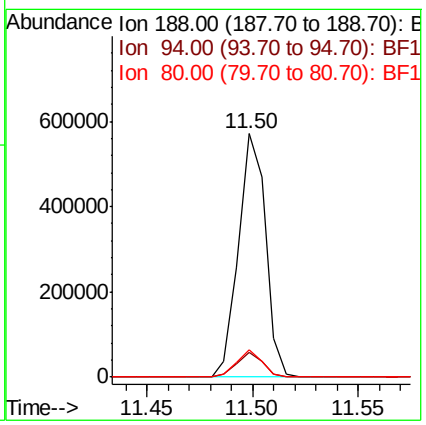


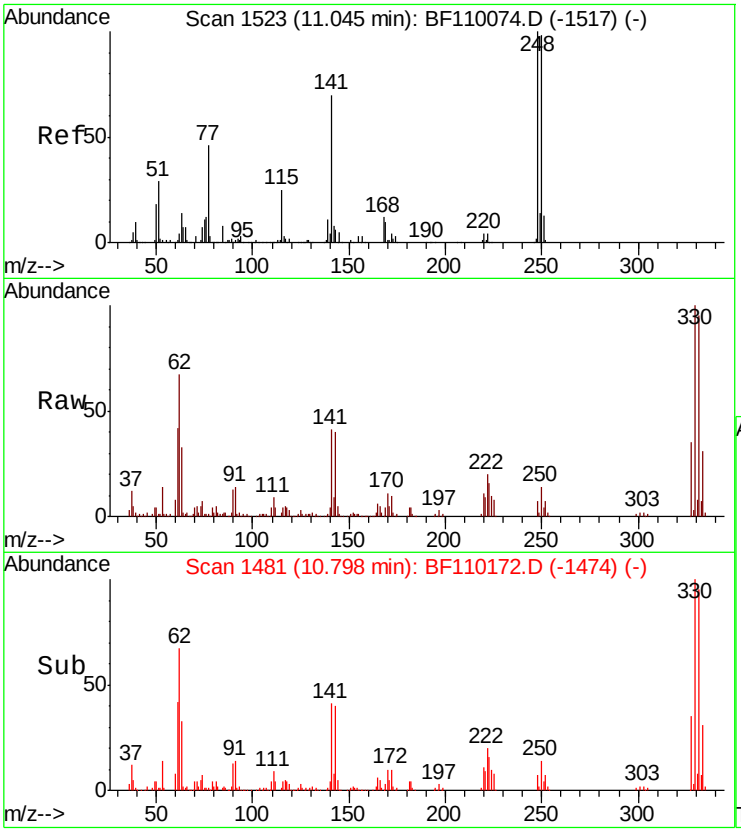


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.50 min Scan# 1600
Delta R.T. -0.02 min
Lab File: BF110172.D
Acq: 25 Oct 2018 20:39

Tgt Ion:188 Resp: 507677

Ion	Ratio	Lower	Upper
188	100		
94	10.3	7.2	10.8
80	11.3	7.9	11.9



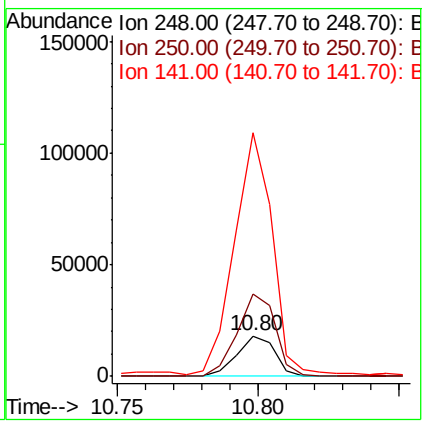


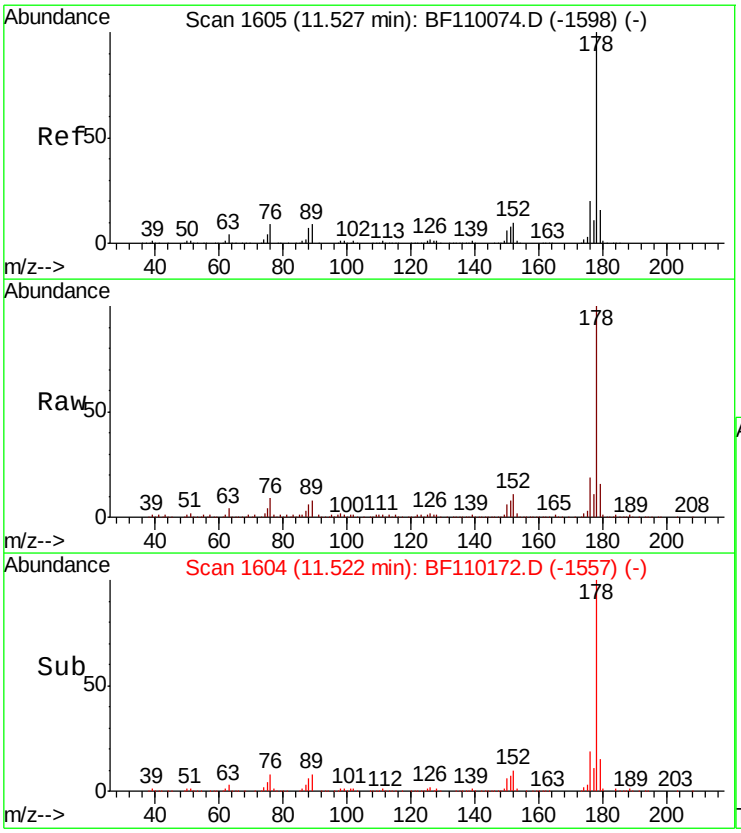
#67
4-Bromophenyl-phenylether
Concen: 3.093 ng
RT: 10.80 min Scan# 1481
Delta R.T. -0.26 min
Lab File: BF110172.D
Acq: 25 Oct 2018 20:39

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:248 Resp: 17035

Ion	Ratio	Lower	Upper
248	100		
250	203.8	79.4	119.2#
141	601.7	55.9	83.9#

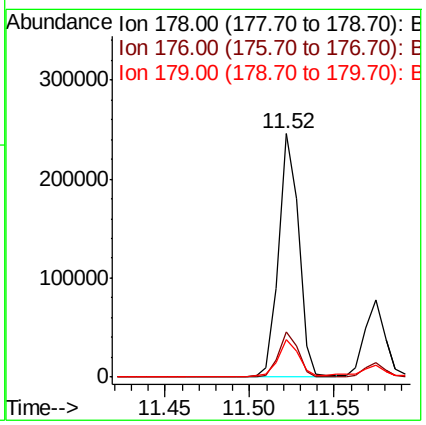


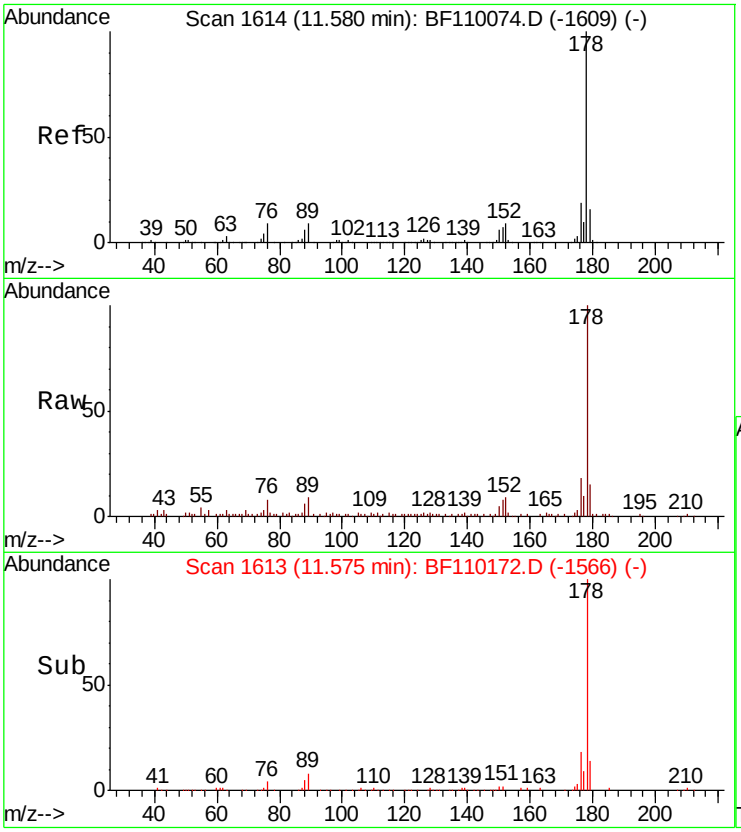


#71
Phenanthrene
Concen: 7.543 ng
RT: 11.52 min Scan# 1604
Delta R.T. -0.02 min
Lab File: BF110172.D
Acq: 25 Oct 2018 20:39

Tgt Ion:178 Resp: 200384

Ion	Ratio	Lower	Upper
178	100		
176	18.8	15.5	23.3
179	15.6	12.5	18.7



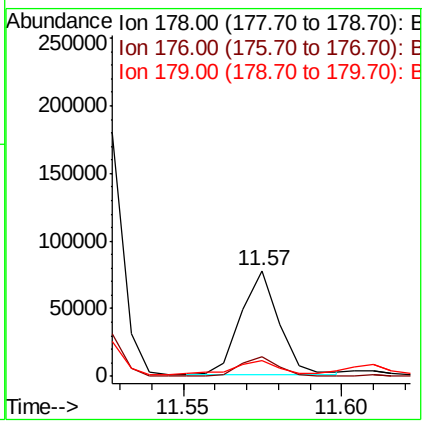


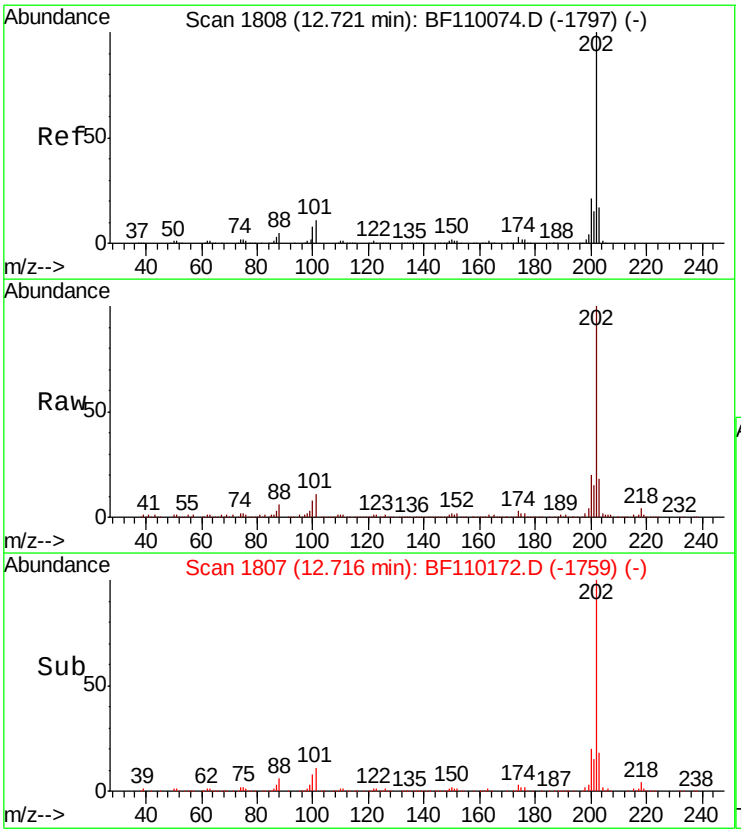
#72
Anthracene
Concen: 2.366 ng
RT: 11.57 min Scan# 1613
Delta R.T. -0.02 min
Lab File: BF110172.D
Acq: 25 Oct 2018 20:39

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:178 Resp: 63001

Ion	Ratio	Lower	Upper
178	100		
176	18.5	15.4	23.2
179	15.5	12.6	18.8

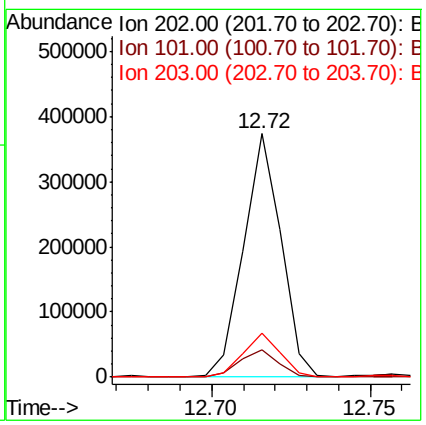


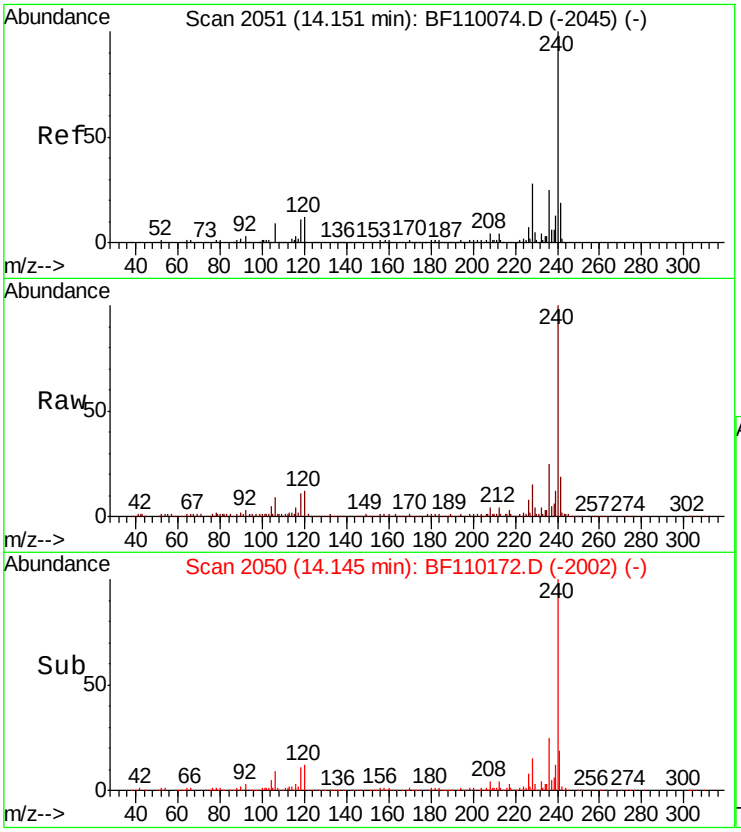


#75
Fluoranthene
Concen: 11.345 ng
RT: 12.72 min Scan# 1807
Delta R.T. -0.02 min
Lab File: BF110172.D
Acq: 25 Oct 2018 20:39

Tgt Ion:202 Resp: 305842

Ion	Ratio	Lower	Upper
202	100		
101	11.5	0.0	31.4
203	17.8	0.0	37.7



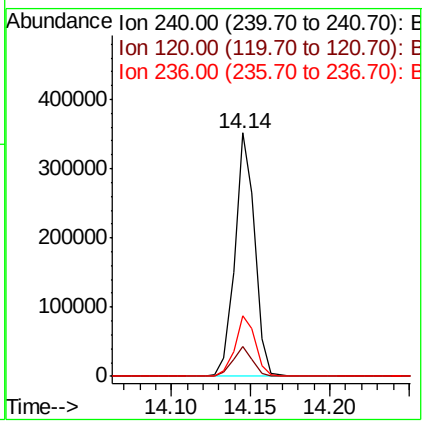


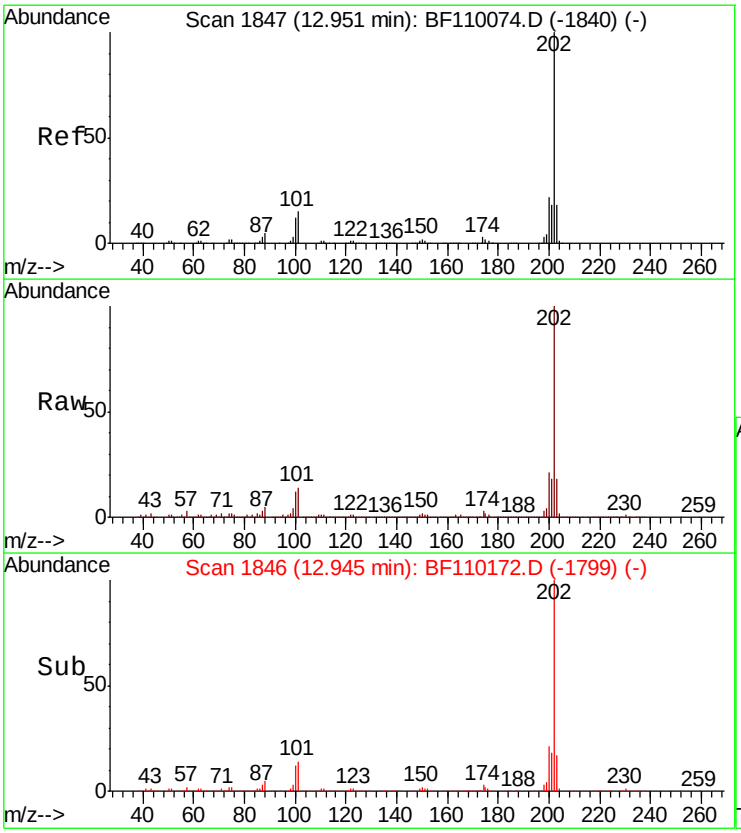
#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.14 min Scan# 2050
Delta R.T. -0.02 min
Lab File: BF110172.D
Acq: 25 Oct 2018 20:39

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:240 Resp: 302112

Ion	Ratio	Lower	Upper
240	100		
120	12.3	8.3	12.5
236	25.0	21.2	31.8

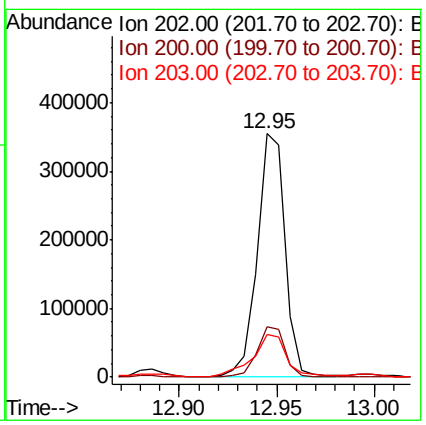


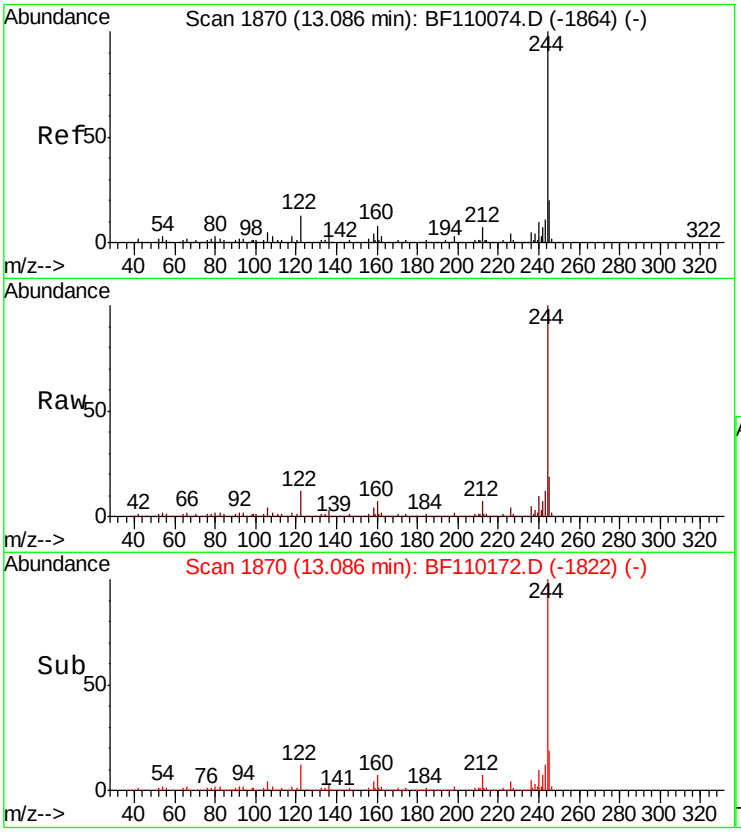


#78
Pyrene
Concen: 16.018 ng
RT: 12.95 min Scan# 1846
Delta R.T. -0.02 min
Lab File: BF110172.D
Acq: 25 Oct 2018 20:39

Tgt Ion:202 Resp: 346940

Ion	Ratio	Lower	Upper
202	100		
200	20.9	17.8	26.6
203	17.7	14.2	21.4



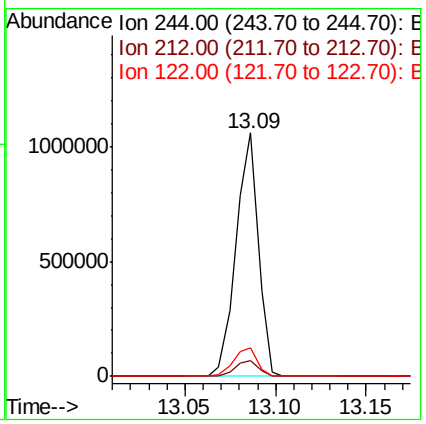


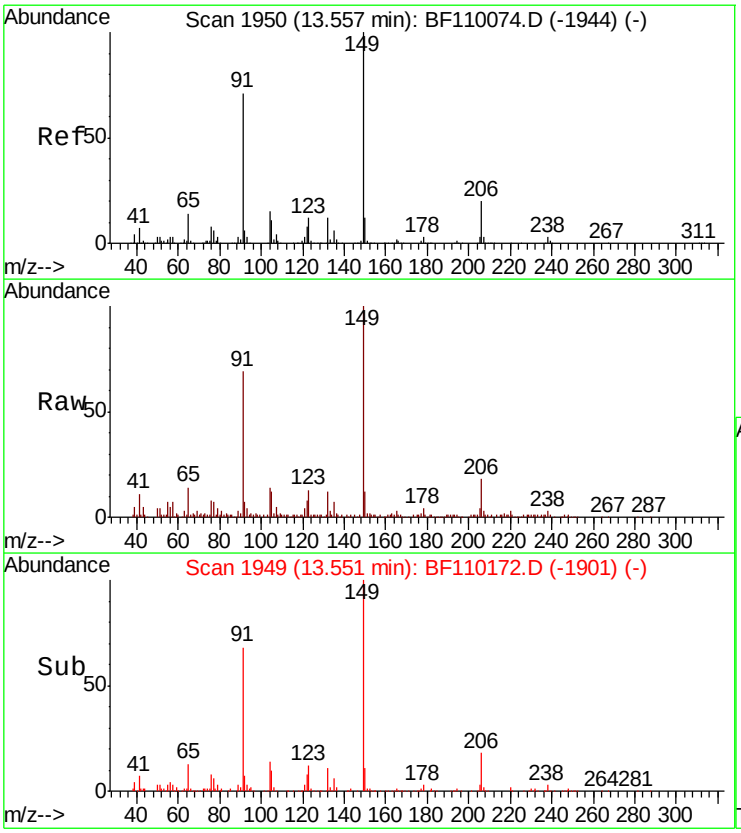
#79
Terphenyl-d14
Concen: 62.579 ng
RT: 13.09 min Scan# 1870
Delta R.T. -0.02 min
Lab File: BF110172.D
Acq: 25 Oct 2018 20:39

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:244 Resp: 909060

Ion	Ratio	Lower	Upper
244	100		
212	6.7	5.8	8.8
122	11.6	8.7	13.1

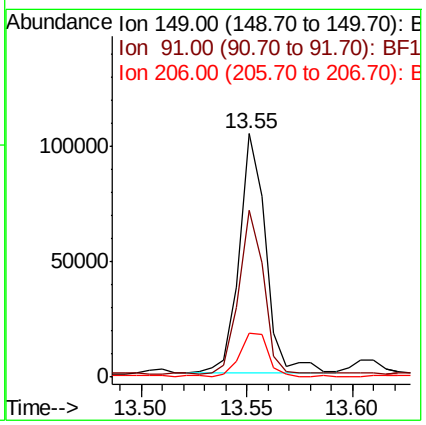


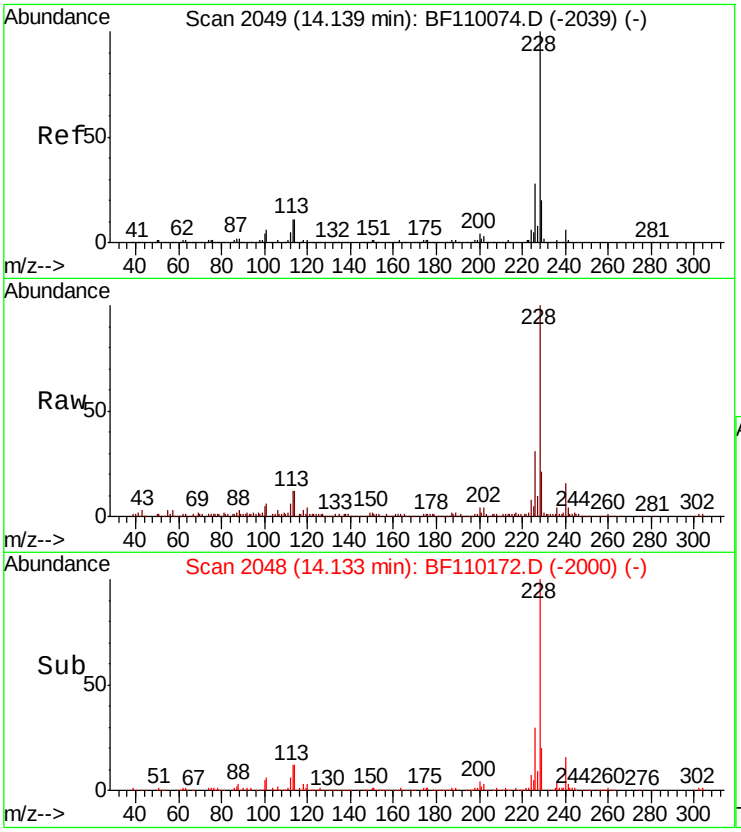


#80
Butylbenzylphthalate
Concen: 9.590 ng
RT: 13.55 min Scan# 1949
Delta R.T. -0.02 min
Lab File: BF110172.D
Acq: 25 Oct 2018 20:39

Tgt Ion:149 Resp: 90152

Ion	Ratio	Lower	Upper
149	100		
91	68.5	57.2	85.8
206	18.0	15.7	23.5



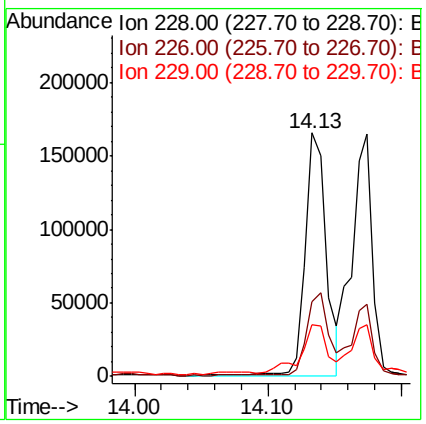


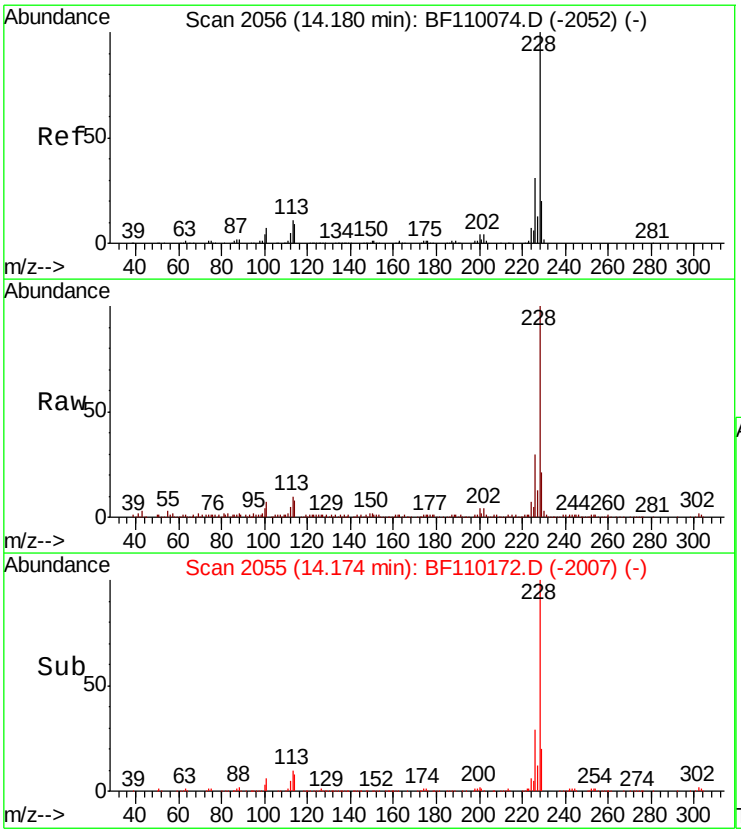
#81
Benzo(a)anthracene
Concen: 9.860 ng
RT: 14.13 min Scan# 2048
Delta R.T. -0.02 min
Lab File: BF110172.D
Acq: 25 Oct 2018 20:39

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:228 Resp: 176654

Ion	Ratio	Lower	Upper
228	100		
226	30.7	22.1	33.1
229	21.4	15.6	23.4

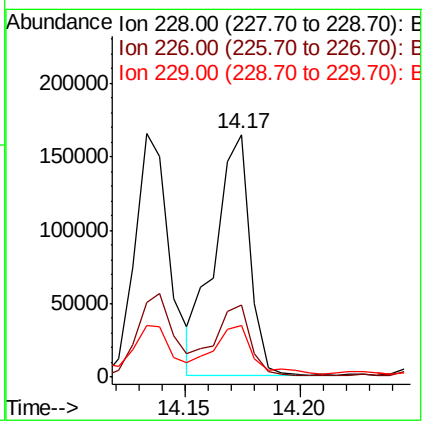


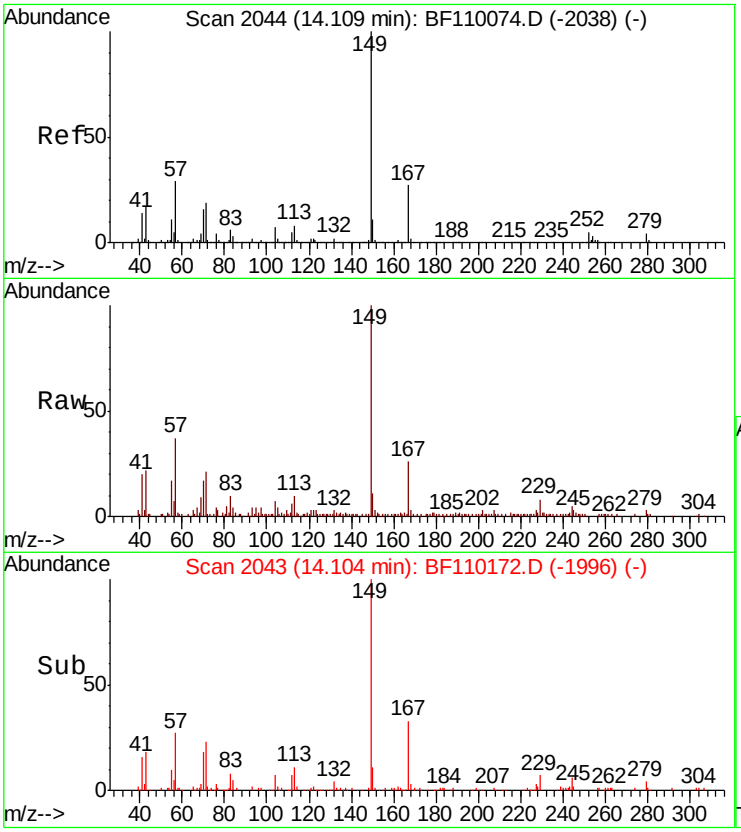


#83
Chrysene
Concen: 10.296 ng
RT: 14.17 min Scan# 2055
Delta R.T. -0.02 min
Lab File: BF110172.D
Acq: 25 Oct 2018 20:39

Tgt Ion:228 Resp: 175201

Ion	Ratio	Lower	Upper
228	100		
226	29.9	24.7	37.1
229	21.4	15.9	23.9



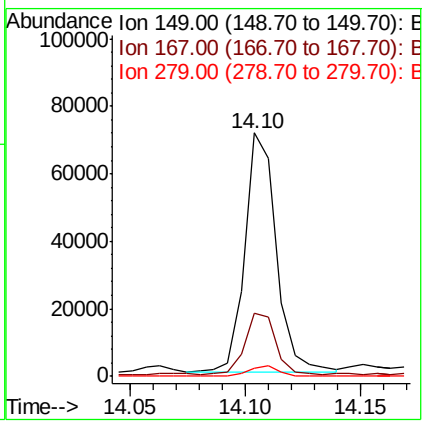


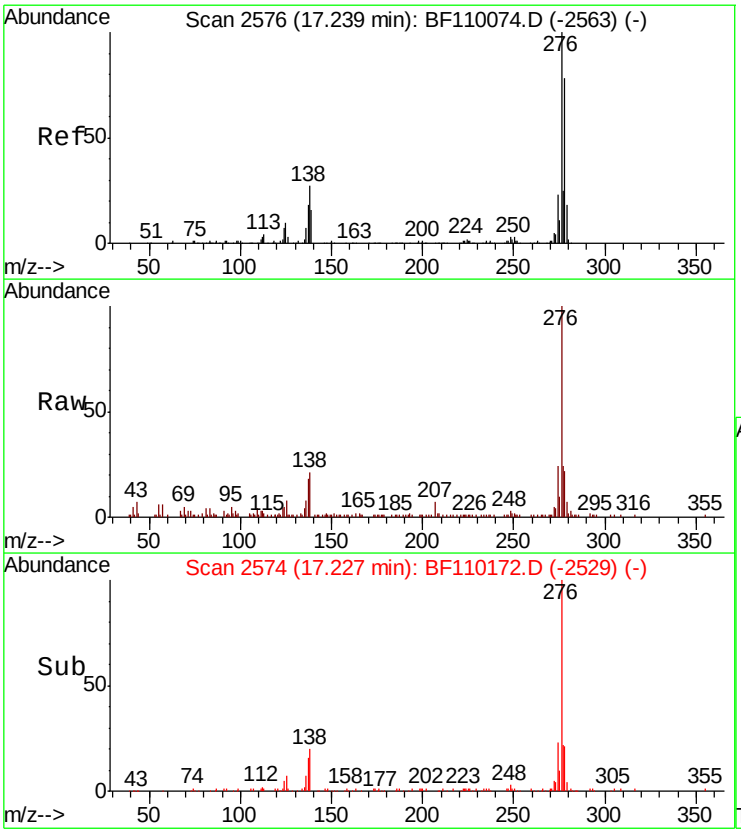
#84
Bis(2-ethylhexyl)phthalate
Concen: 5.299 ng
RT: 14.10 min Scan# 2043
Delta R.T. -0.02 min
Lab File: BF110172.D
Acq: 25 Oct 2018 20:39

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:149 Resp: 67344

Ion	Ratio	Lower	Upper
149	100		
167	26.1	19.8	29.8
279	3.2	2.7	4.1

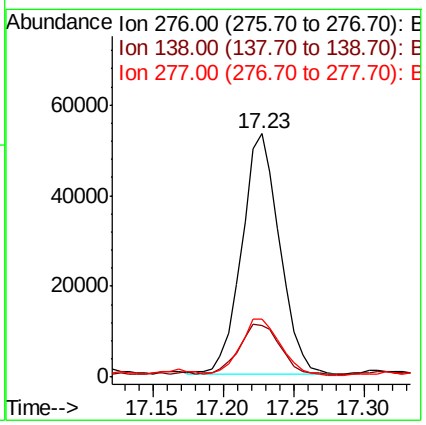


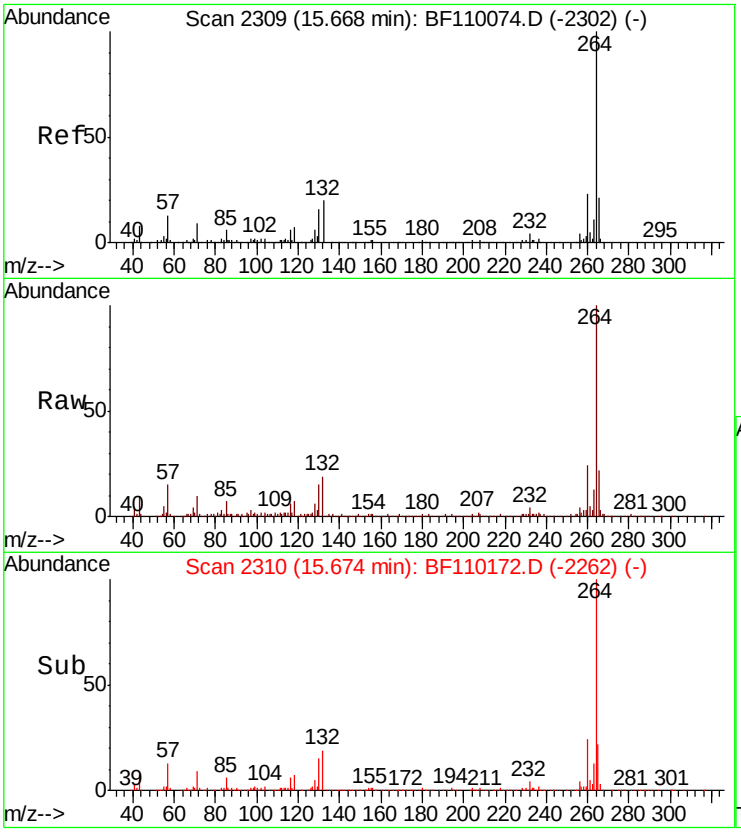


#86
Indeno(1,2,3-cd)pyrene
Concen: 7.138 ng
RT: 17.23 min Scan# 2574
Delta R.T. -0.04 min
Lab File: BF110172.D
Acq: 25 Oct 2018 20:39

Tgt Ion:276 Resp: 100767

Ion	Ratio	Lower	Upper
276	100		
138	22.6	18.5	27.7
277	24.5	20.0	30.0



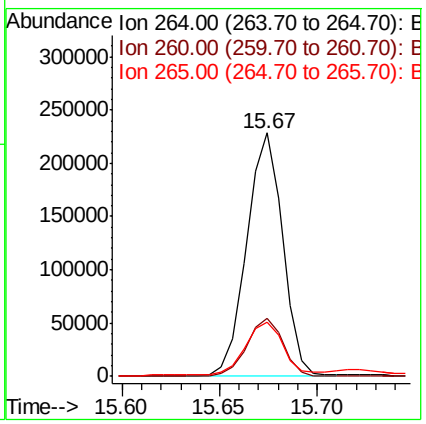


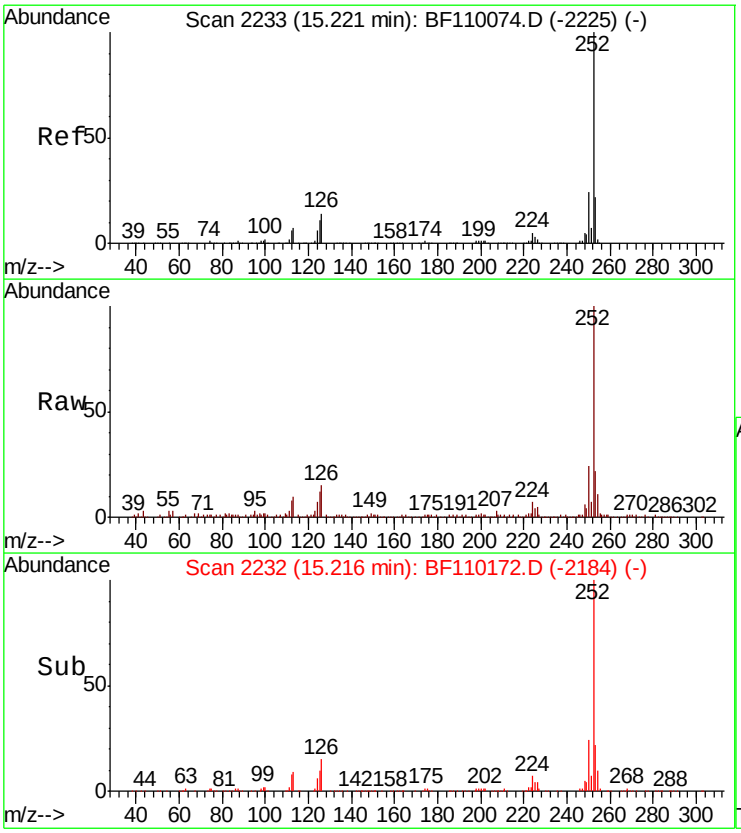
#87
Perylene-d12
Concen: 20.000 ng
RT: 15.67 min Scan# 2310
Delta R.T. -0.02 min
Lab File: BF110172.D
Acq: 25 Oct 2018 20:39

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:264 Resp: 291672

Ion	Ratio	Lower	Upper
264	100		
260	23.8	18.7	28.1
265	22.1	16.7	25.1

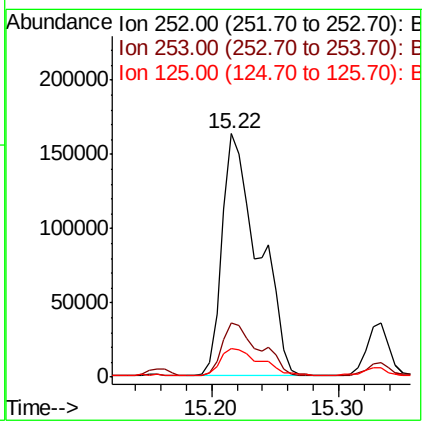


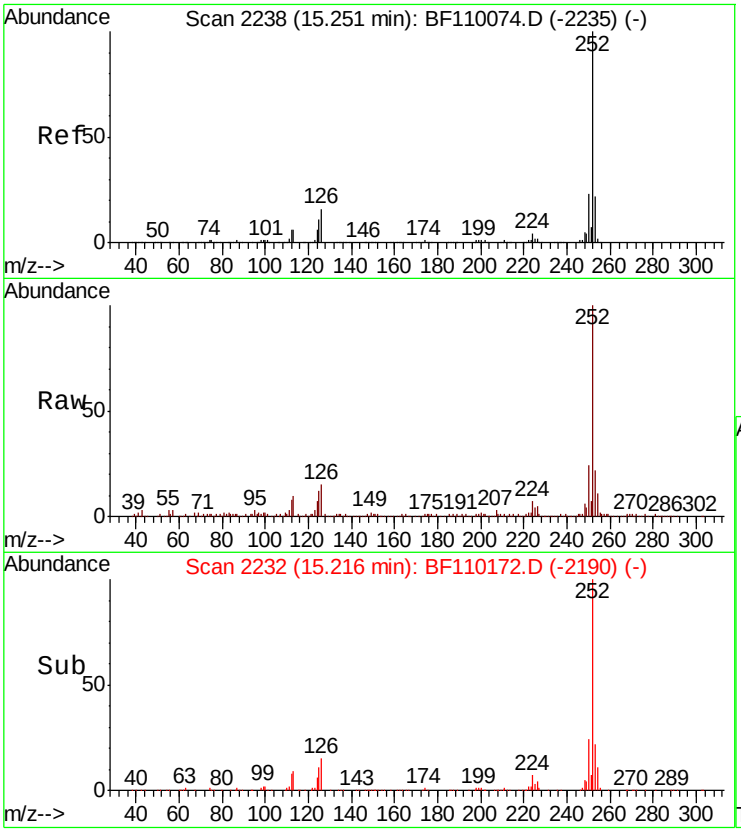


#88
Benzo(b)fluoranthene
Concen: 19.342 ng
RT: 15.22 min Scan# 2232
Delta R.T. -0.02 min
Lab File: BF110172.D
Acq: 25 Oct 2018 20:39

Tgt Ion:252 Resp: 325775

Ion	Ratio	Lower	Upper
252	100		
253	22.4	17.2	25.8
125	11.6	8.2	12.4



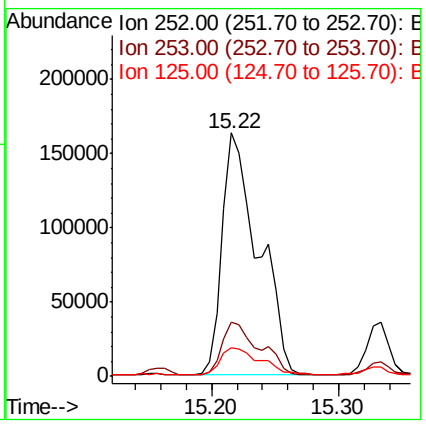


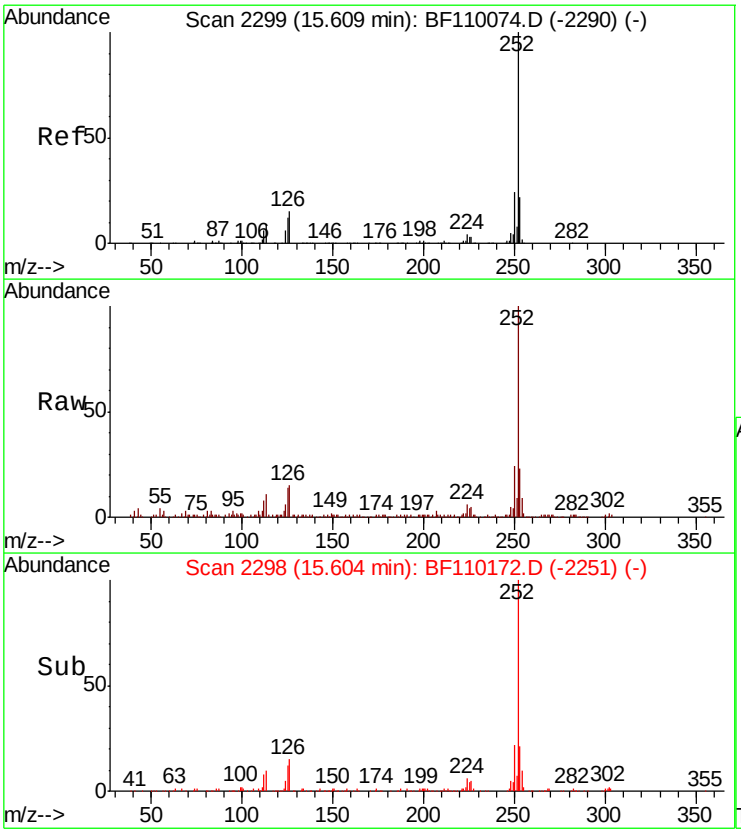
#89
Benzo(k)fluoranthene
Concen: 19.674 ng
RT: 15.22 min Scan# 2232
Delta R.T. -0.05 min
Lab File: BF110172.D
Acq: 25 Oct 2018 20:39

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:252 Resp: 325775

Ion	Ratio	Lower	Upper
252	100		
253	22.4	17.2	25.8
125	11.6	7.4	11.0#

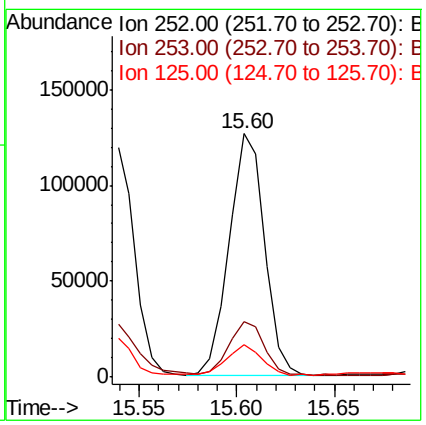


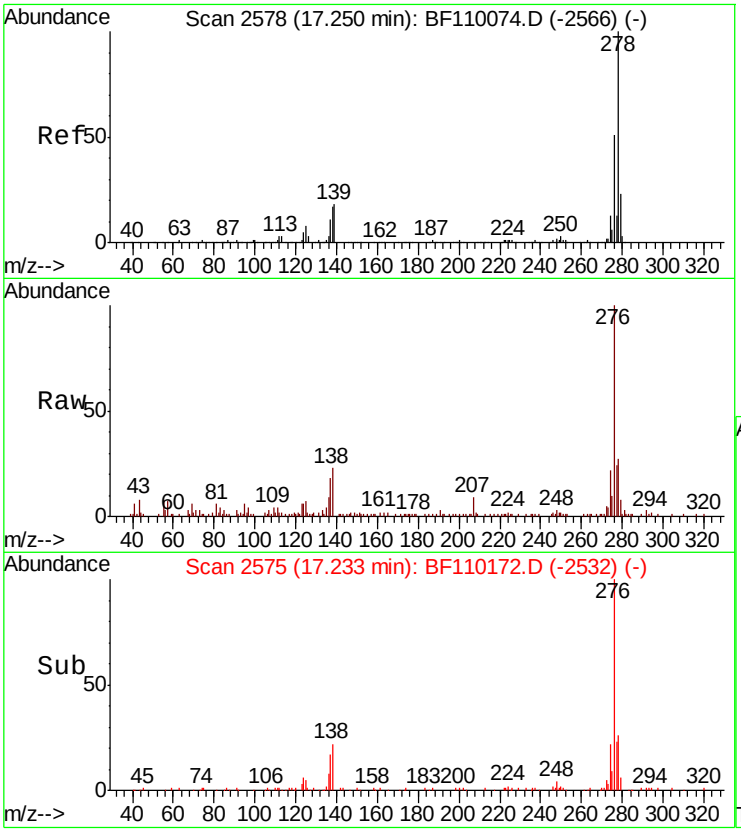


#90
Benzo(a)pyrene
Concen: 10.233 ng
RT: 15.60 min Scan# 2298
Delta R.T. -0.02 min
Lab File: BF110172.D
Acq: 25 Oct 2018 20:39

Tgt Ion:252 Resp: 158590

Ion	Ratio	Lower	Upper
252	100		
253	23.0	18.2	27.4
125	13.5	9.0	13.6



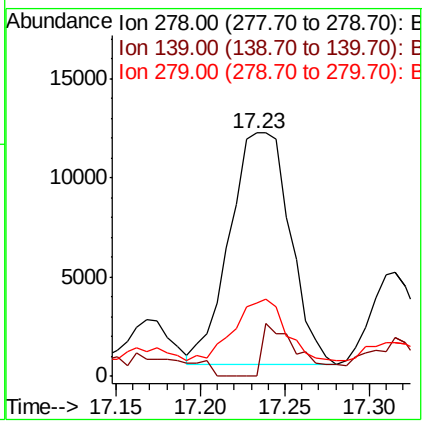


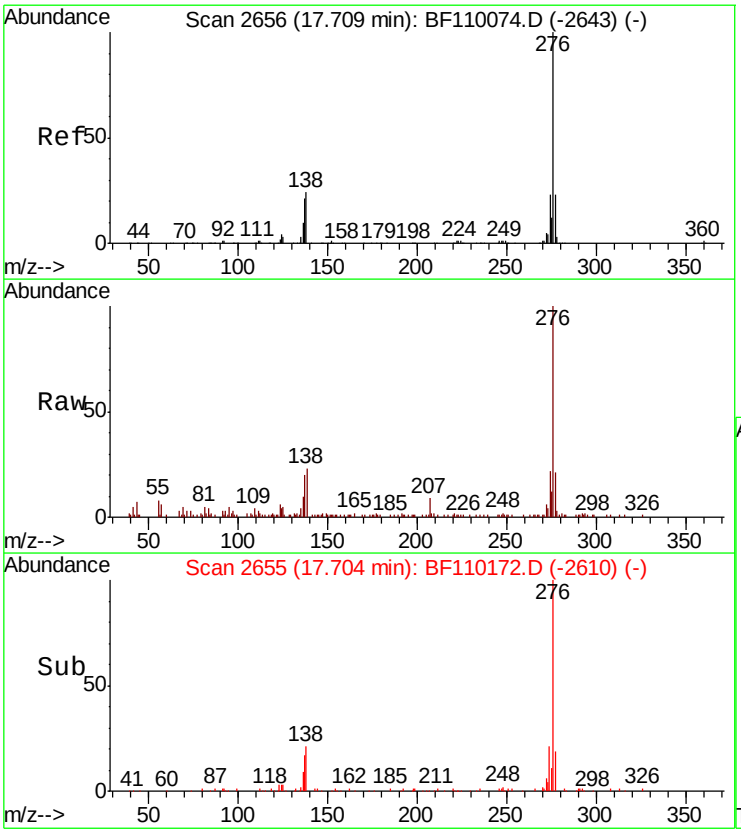
#91
Dibenzo(a,h)anthracene
Concen: 2.175 ng
RT: 17.23 min Scan# 2575
Delta R.T. -0.05 min
Lab File: BF110172.D
Acq: 25 Oct 2018 20:39

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:278 Resp: 29086

Ion	Ratio	Lower	Upper
278	100		
139	0.0	12.7	19.1#
279	30.2	19.0	28.4#





#92
Benzo(g,h,i)perylene
Concen: 7.283 ng
RT: 17.70 min Scan# 2655
Delta R.T. -0.04 min
Lab File: BF110172.D
Acq: 25 Oct 2018 20:39

Tgt Ion:276 Resp: 95977

Ion	Ratio	Lower	Upper
276	100		
277	20.8	18.8	28.2
138	22.6	16.0	24.0