Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF110918\
Data File : BF110627.D
Acq On : 9 Nov 2018 15:02
Operator : JU/SJ
Sample : J5813-08
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId :

Quant Time: Nov 09 17:17:19 2018
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF110818.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Nov 09 15:13:13 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.95	152	78708	20.00	ng		0.00
21) Naphthalene-d8	8.23	136	292007	20.00	ng		0.00
39) Acenaphthene-d10	9.99	164	114947	20.00	ng		0.00
64) Phenanthrene-d10	11.48	188	185876	20.00	ng		0.00
76) Chrysene-d12	14.13	240	156127	20.00	ng		0.00
87) Perylene-d12	15.66	264	107646	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.57	112	464110	95.78	ng		0.00
7) Phenol-d6	6.57	99	589823	95.19	ng		0.00
23) Nitrobenzene-d5	7.51	82	358179	70.64	ng		0.00
42) 2,4,6-Tribromophenol	10.78	330	88236	76.18	ng		0.00
45) 2-Fluorobiphenyl	9.30	172	562635	69.91	ng		0.00
79) Terphenyl-d14	13.06	244	441931	53.01	ng		0.00
Target Compounds							Qvalue
9) Benzaldehyde	6.57	77	1274	Below Cal		#	1
10) Phenol	6.58	94	38726	5.390	ng	#	72
19) n-Nitroso-di-n-propylamine	7.51	70	46525	11.763	ng	#	78
25) Isophorone	7.51	82	358208	43.103	ng	#	67
50) Dimethylphthalate	9.69	163	81797	9.537	ng		100
57) 2,4-Dinitrotoluene	9.99	165	13850	5.646	ng	#	17
67) 4-Bromophenyl-phenylether	10.78	248	5385	2.621	ng	#	1
71) Phenanthrene	11.50	178	42375	4.255	ng		99
72) Anthracene	11.50	178	42375	4.218	ng		99
75) Fluoranthene	12.70	202	88607	8.875	ng		98
78) Pyrene	12.93	202	69372	5.771	ng		98
80) Butylbenzylphthalate	13.53	149	22726	4.392	ng		96
81) Benzo(a)anthracene	14.12	228	26434	2.833	ng		98
83) Chrysene	14.16	228	32282	3.631	ng		99
88) Benzo(b)fluoranthene	15.20	252	42159	6.547	ng	#	90
89) Benzo(k)fluoranthene	15.20	252	42159	6.625	ng	#	89
90) Benzo(a)pyrene	15.59	252	18316	3.130	ng	#	94
92) Benzo(g,h,i)perylene	17.70	276	11480	2.337	ng	#	94

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

Quantitation Report (Not Reviewed)

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ALS Vial : 14 Sample Multiplier: 1

Instrument :
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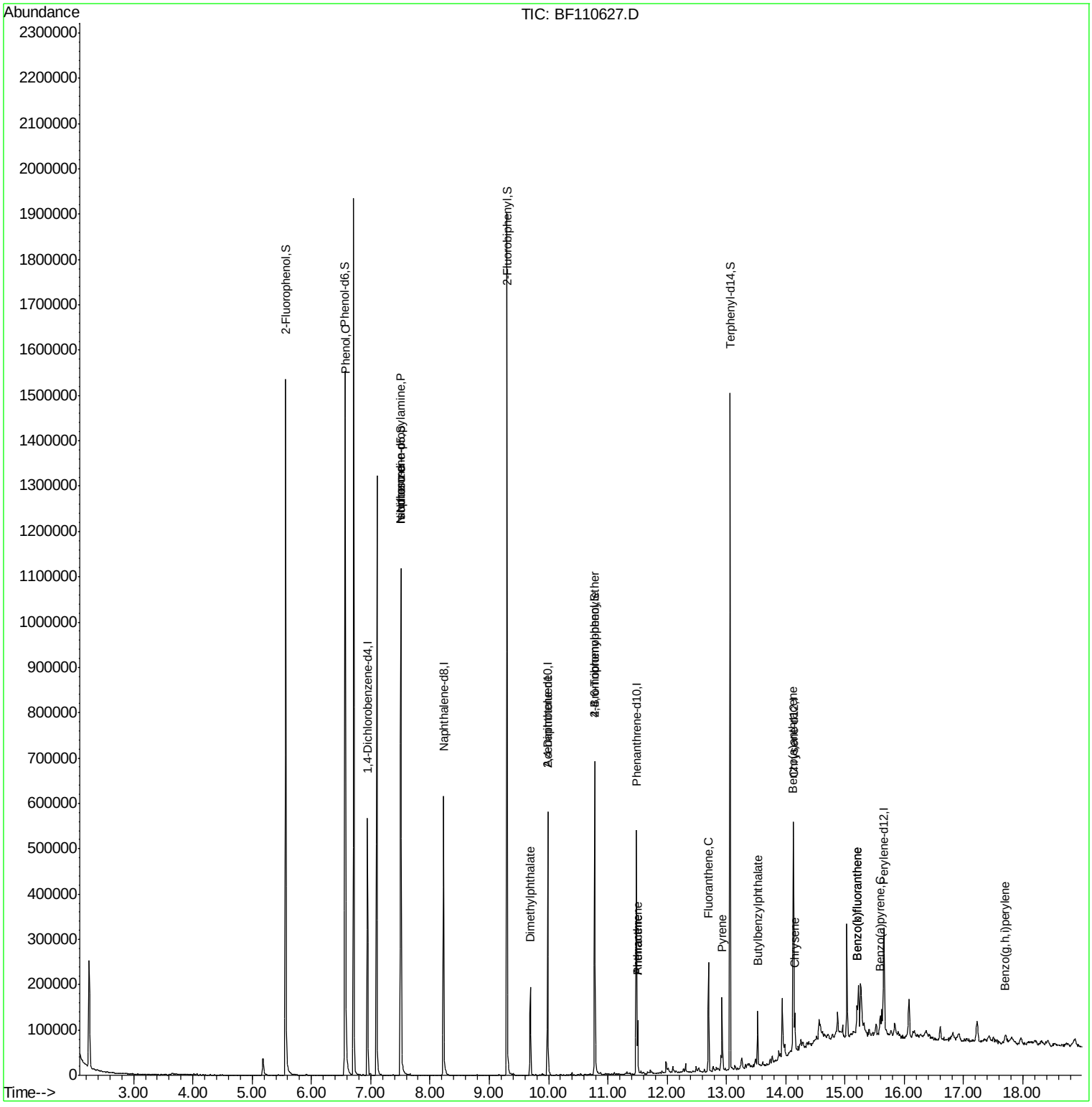
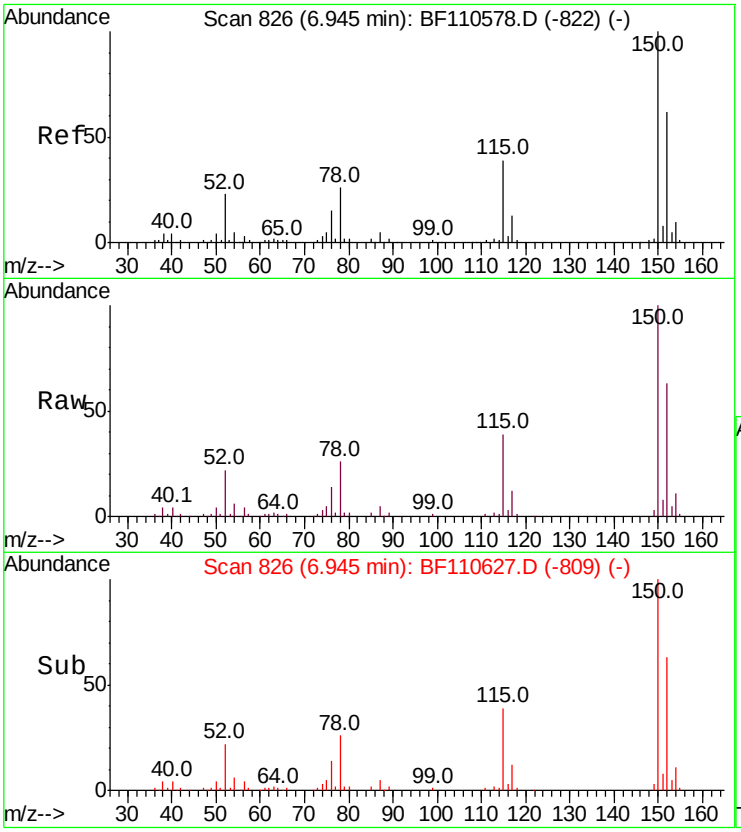
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Nov 09 15:13:13 2018
Response via : Initial Calibration



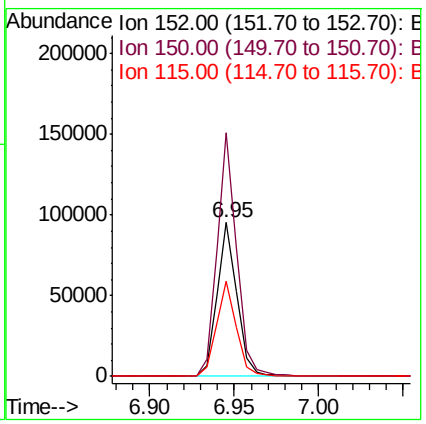


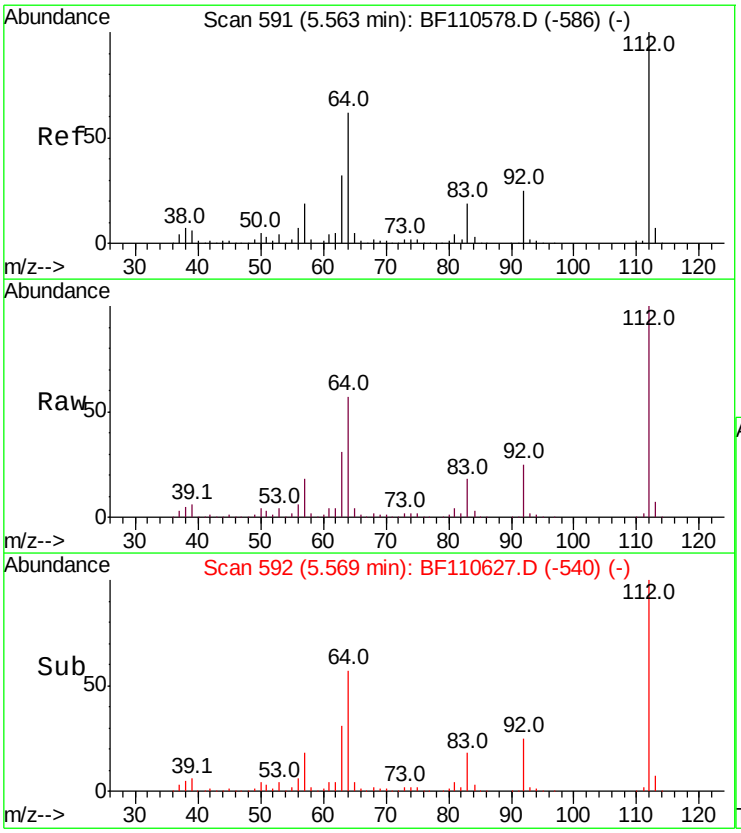
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.95 min Scan# 826
Delta R.T. 0.00 min
Lab File: BF110627.D
Acq: 9 Nov 2018 15:02

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:152 Resp: 78708

Ion	Ratio	Lower	Upper
152	100		
150	158.4	122.7	184.1
115	62.3	49.1	73.7

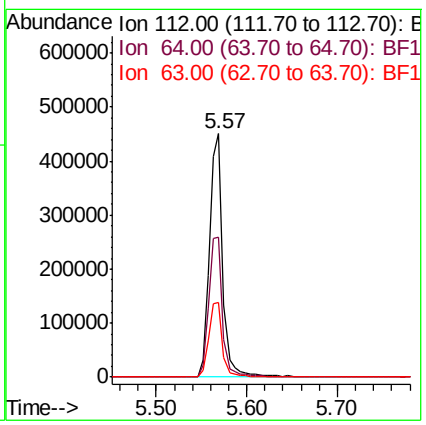


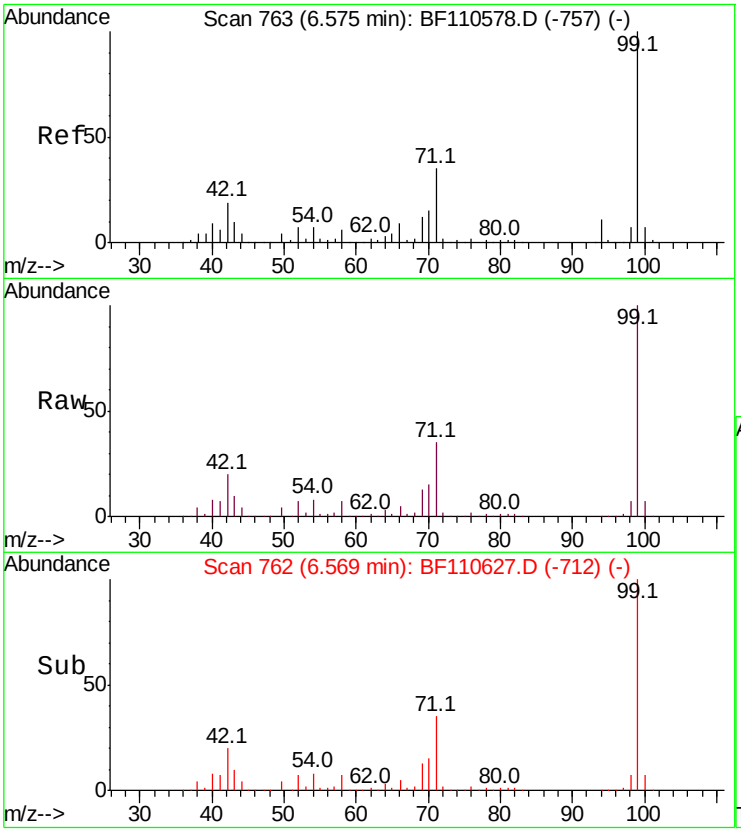


#5
2-Fluorophenol
Concen: 95.779 ng
RT: 5.57 min Scan# 592
Delta R.T. 0.01 min
Lab File: BF110627.D
Acq: 9 Nov 2018 15:02

Tgt Ion:112 Resp: 464110

Ion	Ratio	Lower	Upper
112	100		
64	57.4	44.1	66.1
63	30.6	23.7	35.5



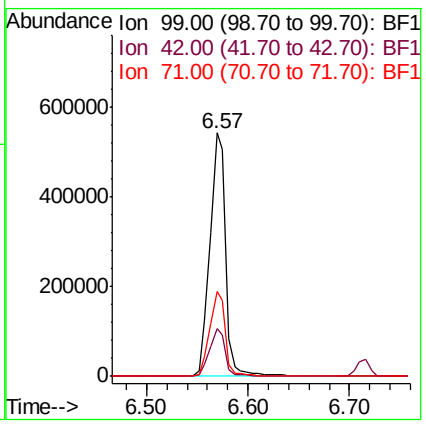


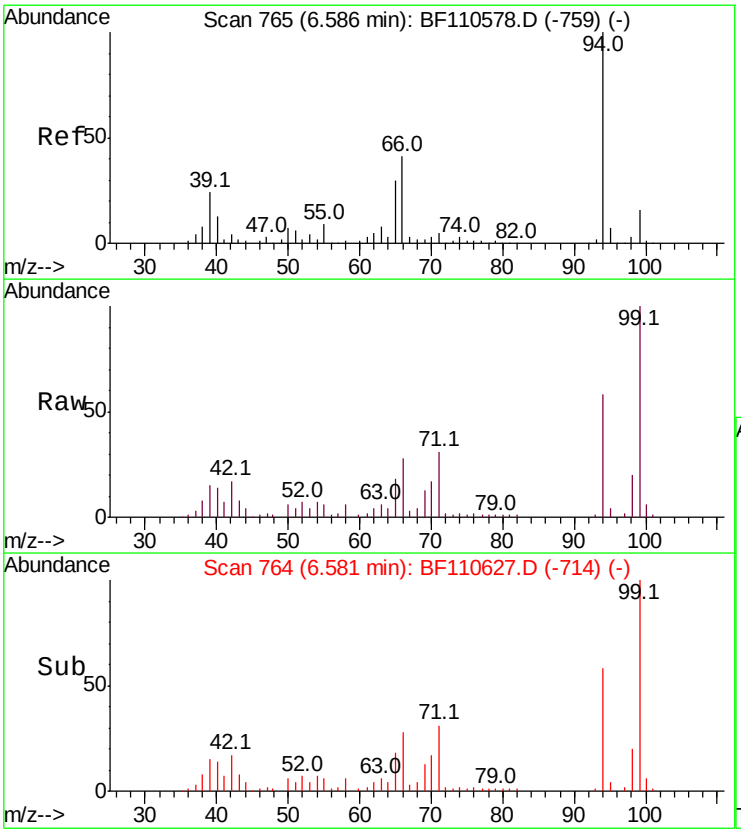
#7
Phenol-d6
Concen: 95.188 ng
RT: 6.57 min Scan# 762
Delta R.T. -0.01 min
Lab File: BF110627.D
Acq: 9 Nov 2018 15:02

Instrument :
BNA_F
ClientSampleId :

Tgt Ion: 99 Resp: 589823

Ion	Ratio	Lower	Upper
99	100		
42	19.7	15.8	23.6
71	35.1	28.0	42.0

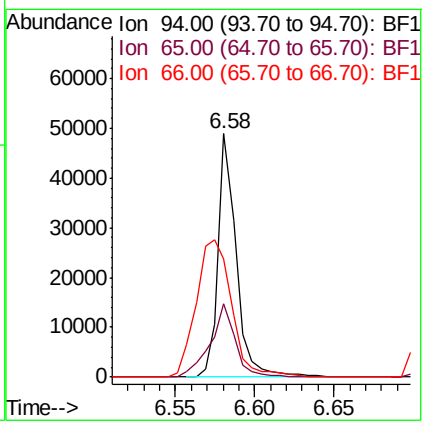


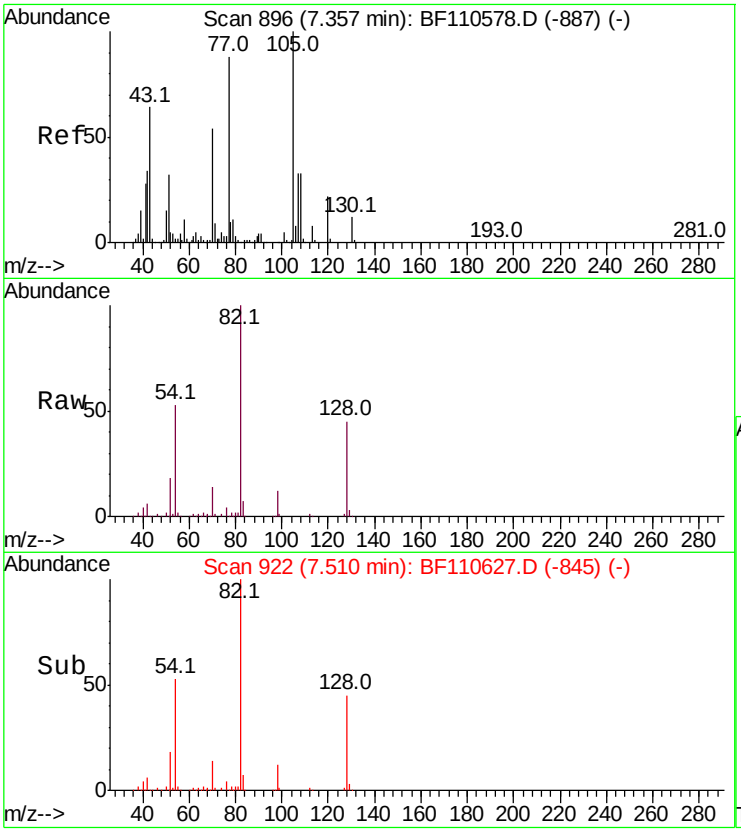


#10
Phenol
Concen: 5.390 ng
RT: 6.58 min Scan# 764
Delta R.T. -0.01 min
Lab File: BF110627.D
Acq: 9 Nov 2018 15:02

Tgt Ion: 94 Resp: 38726

Ion	Ratio	Lower	Upper
94	100		
65	30.2	25.3	65.3
66	48.4	54.5	94.5#



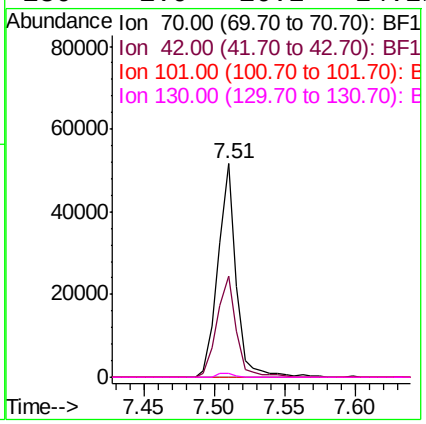


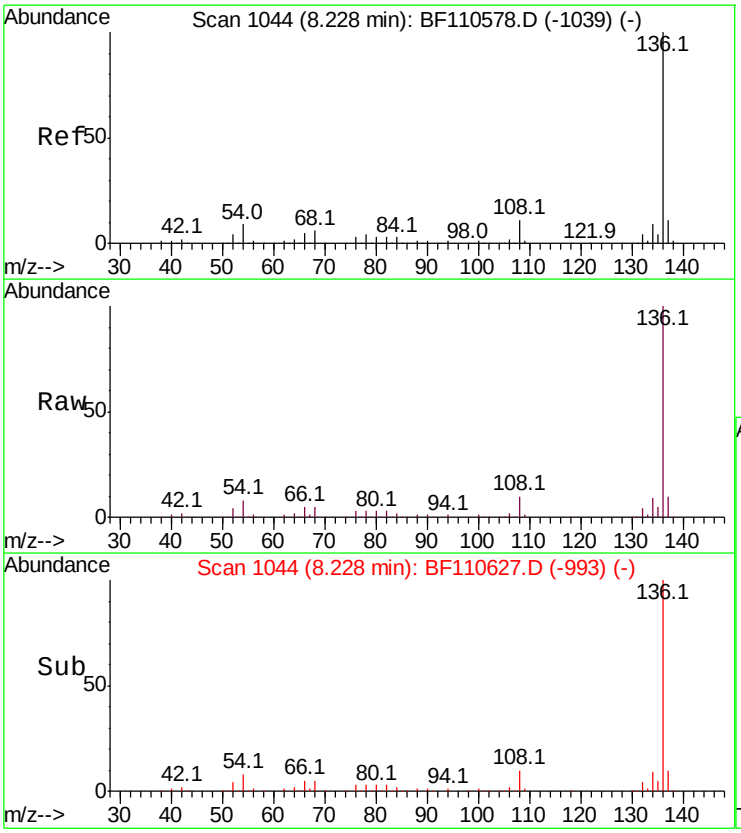
#19
n-Nitroso-di-n-propylamine
Concen: 11.763 ng
RT: 7.51 min Scan# 922
Delta R.T. 0.15 min
Lab File: BF110627.D
Acq: 9 Nov 2018 15:02

Instrument :
BNA_F
ClientSampleId :

Tgt Ion: 70 Resp: 46525

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

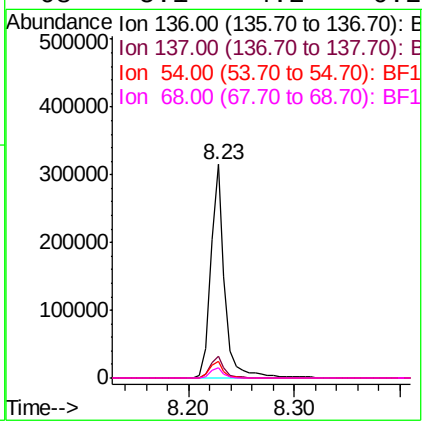


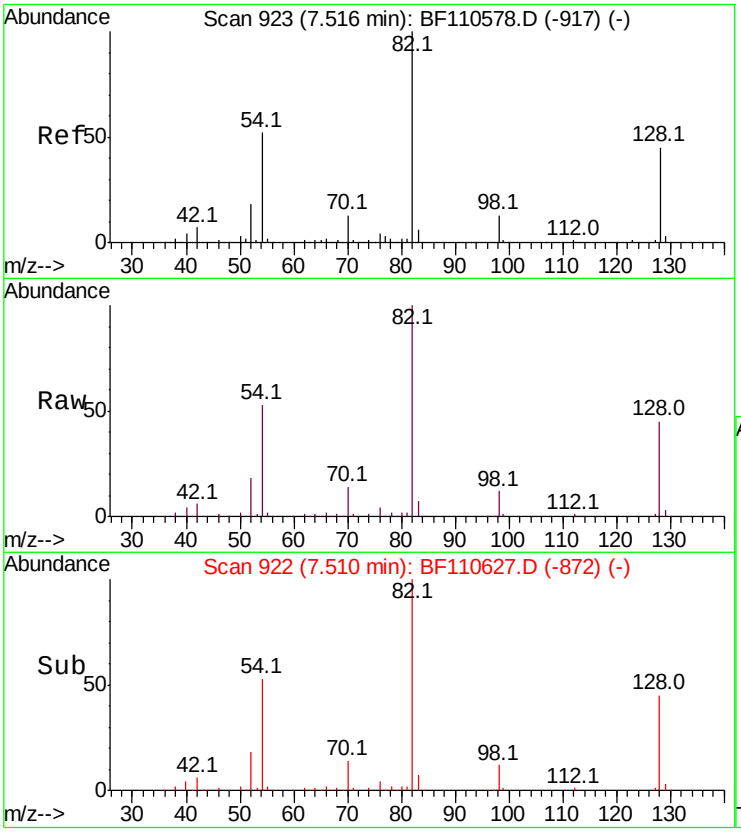


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.23 min Scan# 1044
Delta R.T. 0.00 min
Lab File: BF110627.D
Acq: 9 Nov 2018 15:02

Tgt Ion:136 Resp: 292007

Ion	Ratio	Lower	Upper
136	100		
137	10.4	8.8	13.2
54	7.8	5.4	8.2
68	5.1	4.2	6.2

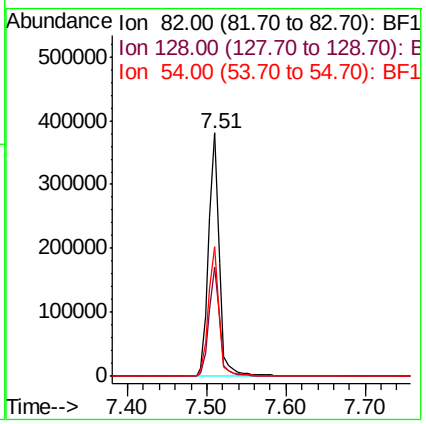




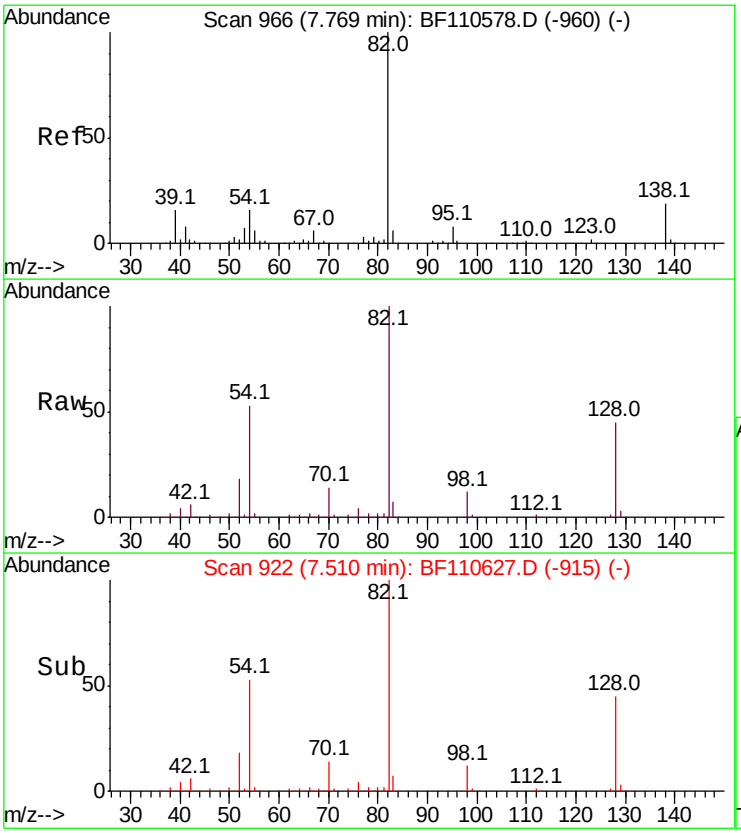
#23
Nitrobenzene-d5
Concen: 70.640 ng
RT: 7.51 min Scan# 922
Delta R.T. -0.01 min
Lab File: BF110627.D
Acq: 9 Nov 2018 15:02

Tgt Ion: 82 Resp: 358179

Ion	Ratio	Lower	Upper
82	100		
128	45.0	34.2	51.2
54	53.3	38.6	58.0



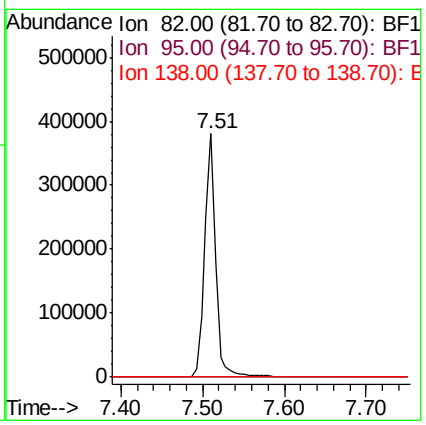
Instrument :
BNA_F
ClientSampleId :

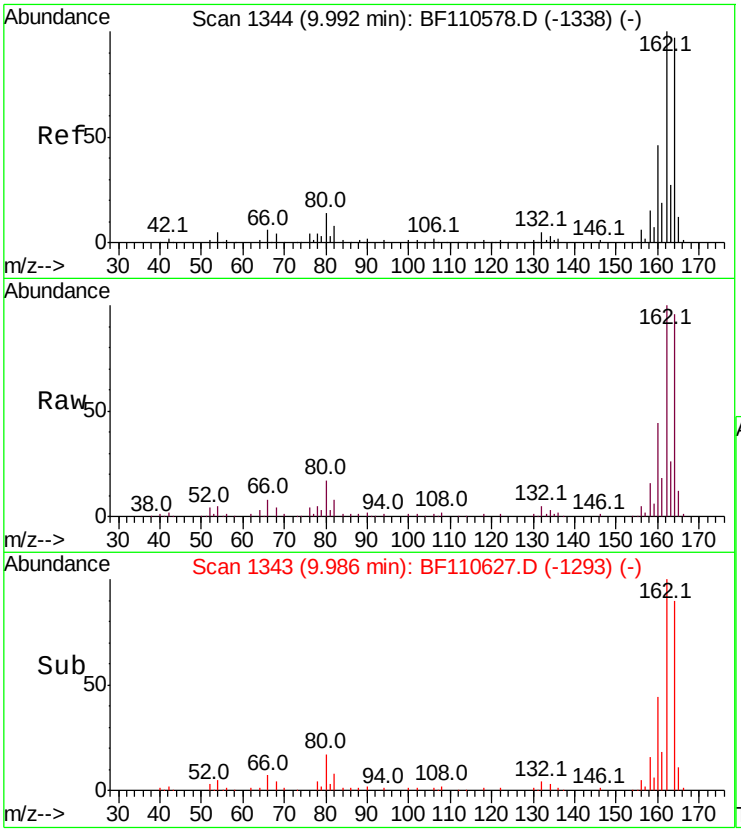


#25
Isophorone
Concen: 43.103 ng
RT: 7.51 min Scan# 922
Delta R.T. -0.26 min
Lab File: BF110627.D
Acq: 9 Nov 2018 15:02

Tgt Ion: 82 Resp: 358208

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



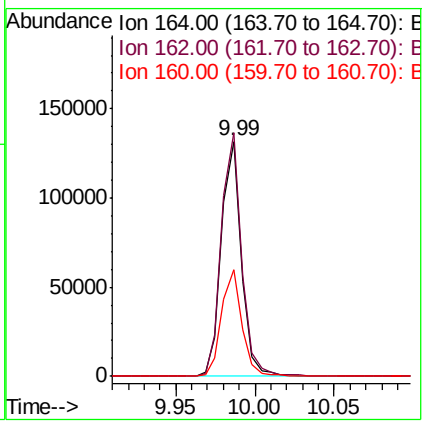


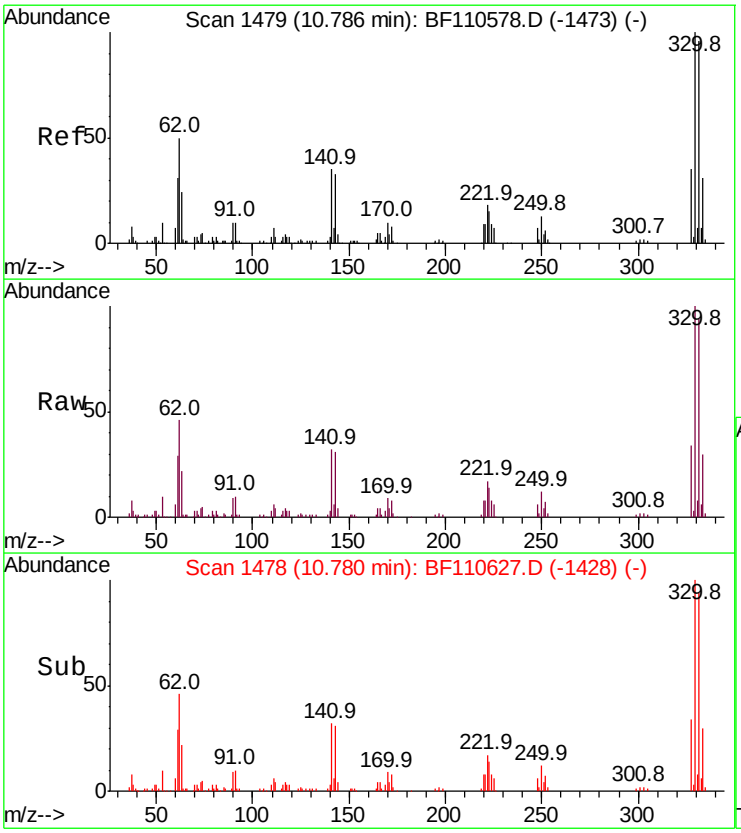
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.99 min Scan# 1343
Delta R.T. -0.01 min
Lab File: BF110627.D
Acq: 9 Nov 2018 15:02

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:164 Resp: 114947

Ion	Ratio	Lower	Upper
164	100		
162	103.6	83.0	124.6
160	45.6	37.0	55.6

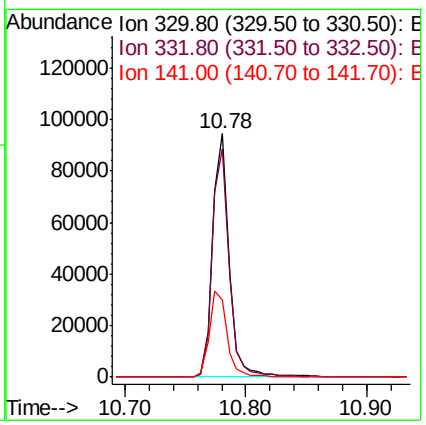


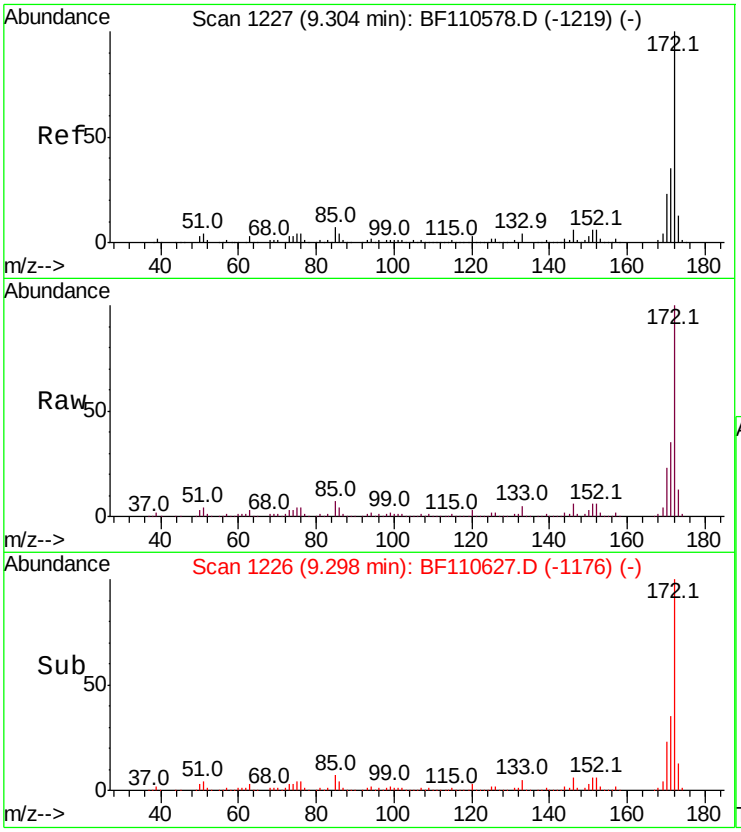


#42
2,4,6-Tribromophenol
Concen: 76.181 ng
RT: 10.78 min Scan# 1478
Delta R.T. -0.01 min
Lab File: BF110627.D
Acq: 9 Nov 2018 15:02

Tgt Ion:330 Resp: 88236

Ion	Ratio	Lower	Upper
330	100		
332	96.4	77.1	115.7
141	38.0	27.0	40.4



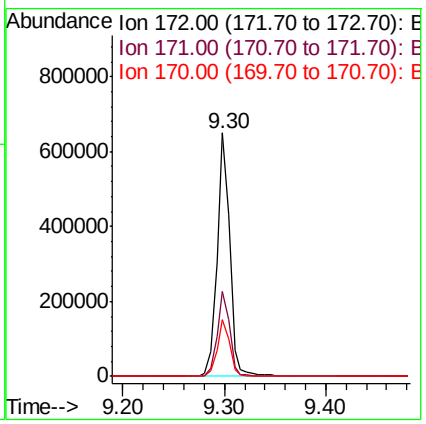


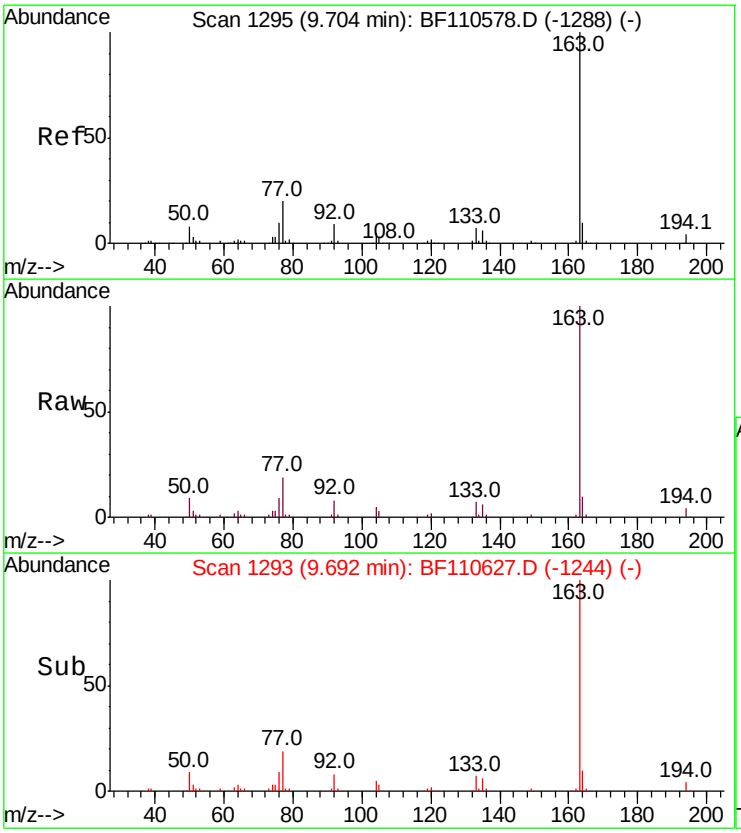
#45
2-Fluorobiphenyl
Concen: 69.906 ng
RT: 9.30 min Scan# 1226
Delta R.T. -0.01 min
Lab File: BF110627.D
Acq: 9 Nov 2018 15:02

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:172 Resp: 562635

Ion	Ratio	Lower	Upper
172	100		
171	35.0	28.6	43.0
170	23.2	19.7	29.5

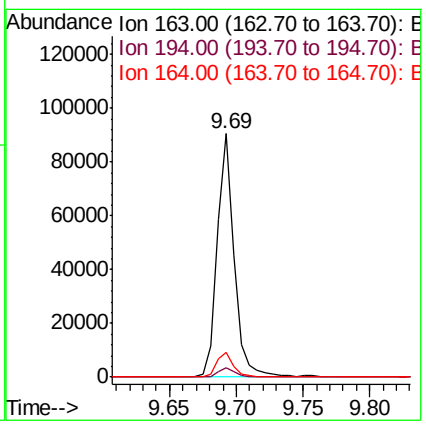


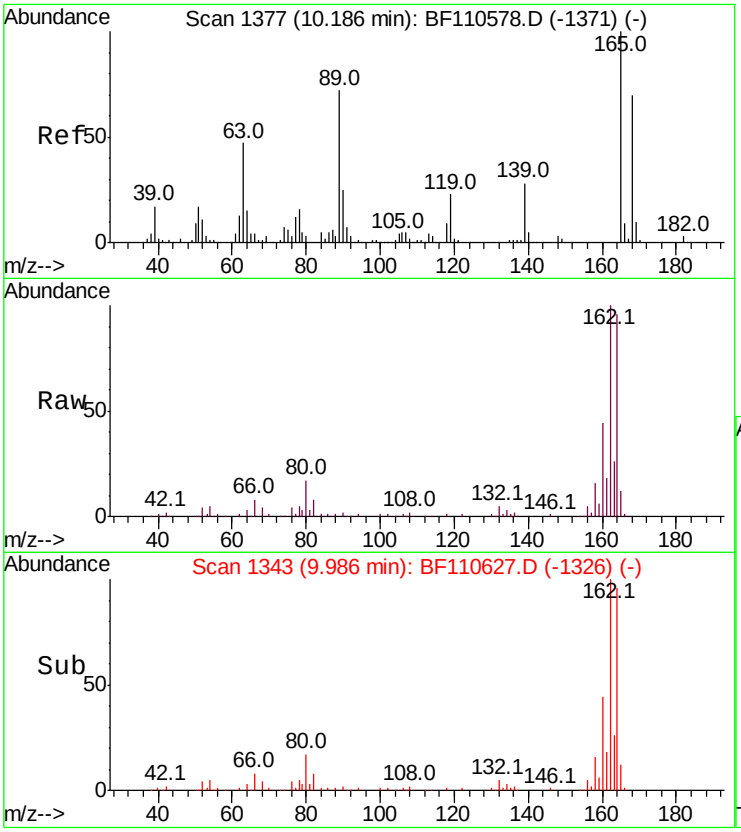


#50
Dimethylphthalate
Concen: 9.537 ng
RT: 9.69 min Scan# 1293
Delta R.T. -0.01 min
Lab File: BF110627.D
Acq: 9 Nov 2018 15:02

Tgt Ion:163 Resp: 81797

Ion	Ratio	Lower	Upper
163	100		
194	3.7	3.2	4.8
164	10.1	8.1	12.1



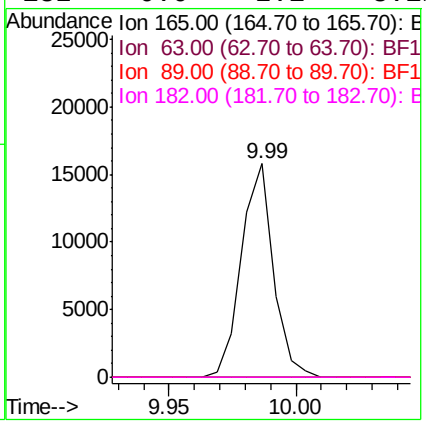


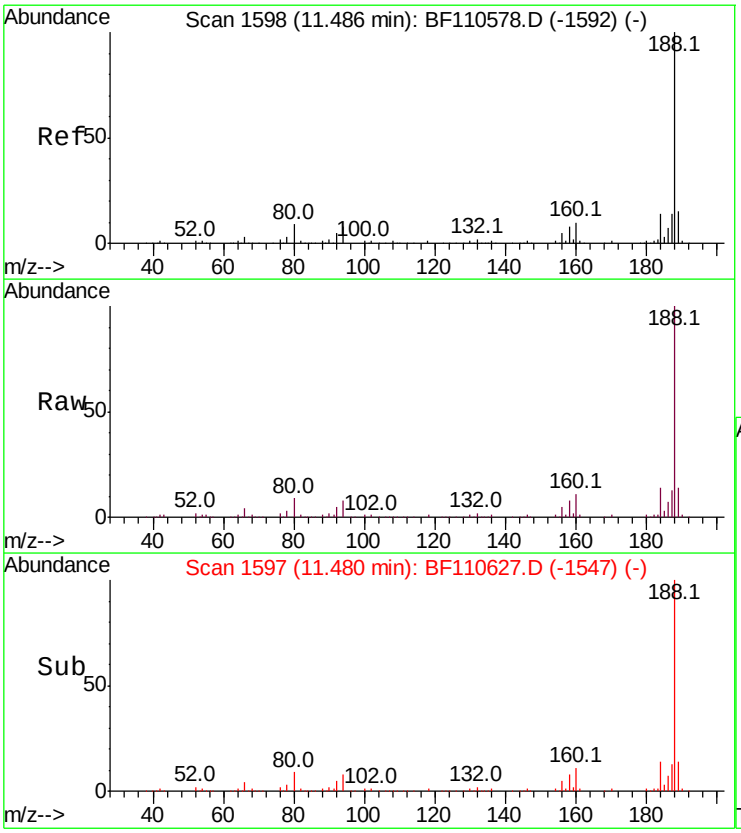
#57
2,4-Dinitrotoluene
Concen: 5.646 ng
RT: 9.99 min Scan# 1343
Delta R.T. -0.20 min
Lab File: BF110627.D
Acq: 9 Nov 2018 15:02

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:165 Resp: 13850

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

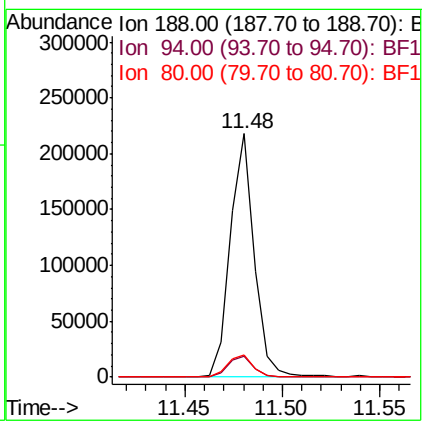


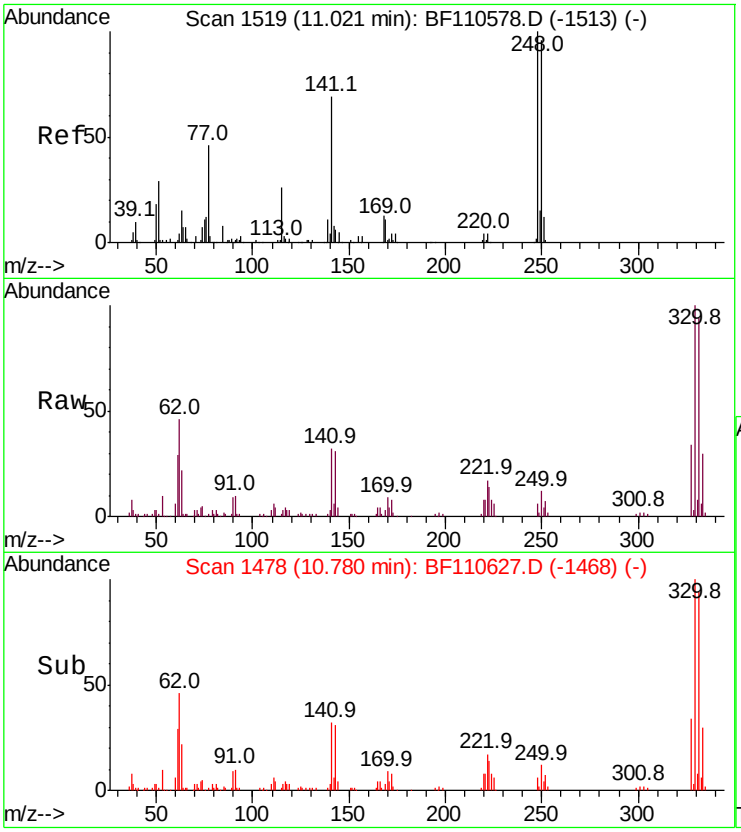


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.48 min Scan# 1597
Delta R.T. -0.01 min
Lab File: BF110627.D
Acq: 9 Nov 2018 15:02

Tgt Ion:188 Resp: 185876

Ion	Ratio	Lower	Upper
188	100		
94	8.4	7.2	10.8
80	8.9	7.9	11.9



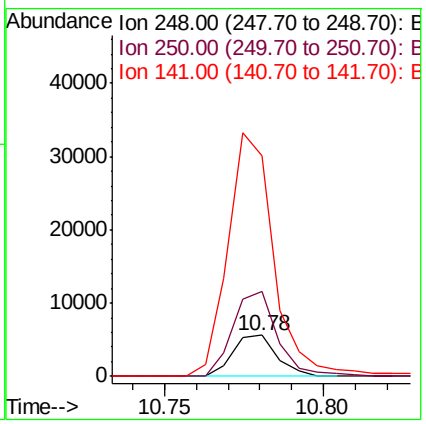


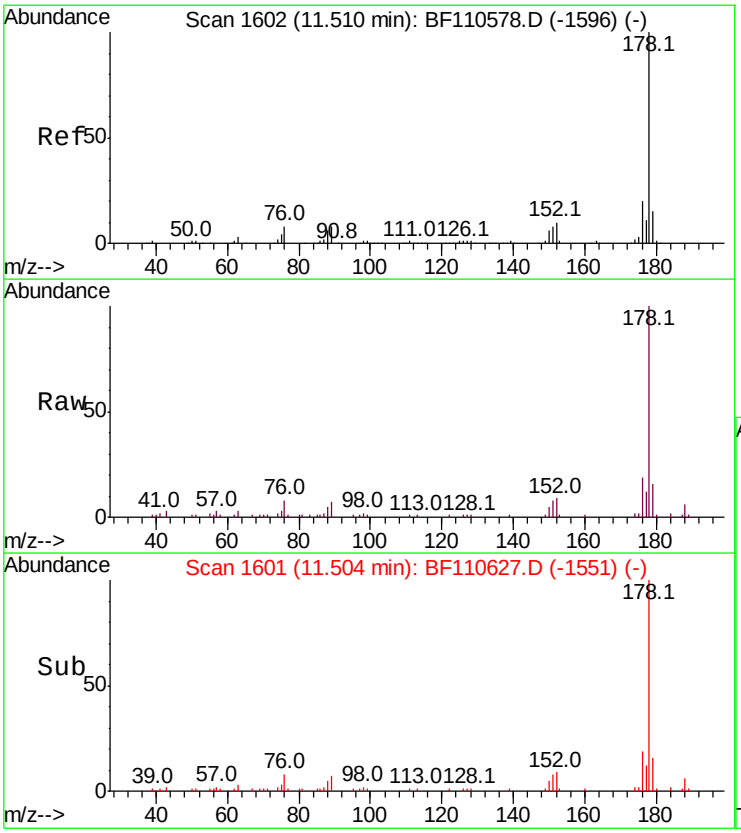
#67
4-Bromophenyl-phenylether
Concen: 2.621 ng
RT: 10.78 min Scan# 1478
Delta R.T. -0.24 min
Lab File: BF110627.D
Acq: 9 Nov 2018 15:02

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:248 Resp: 5385

Ion	Ratio	Lower	Upper
248	100		
250	206.3	79.4	119.2#
141	535.7	55.9	83.9#

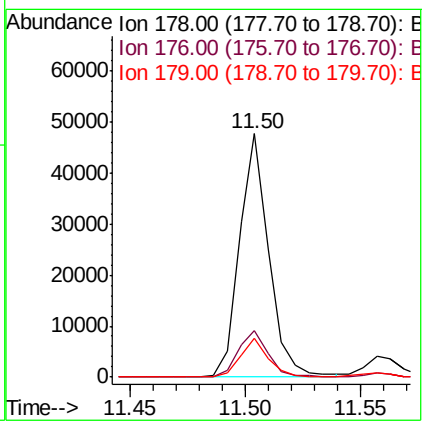


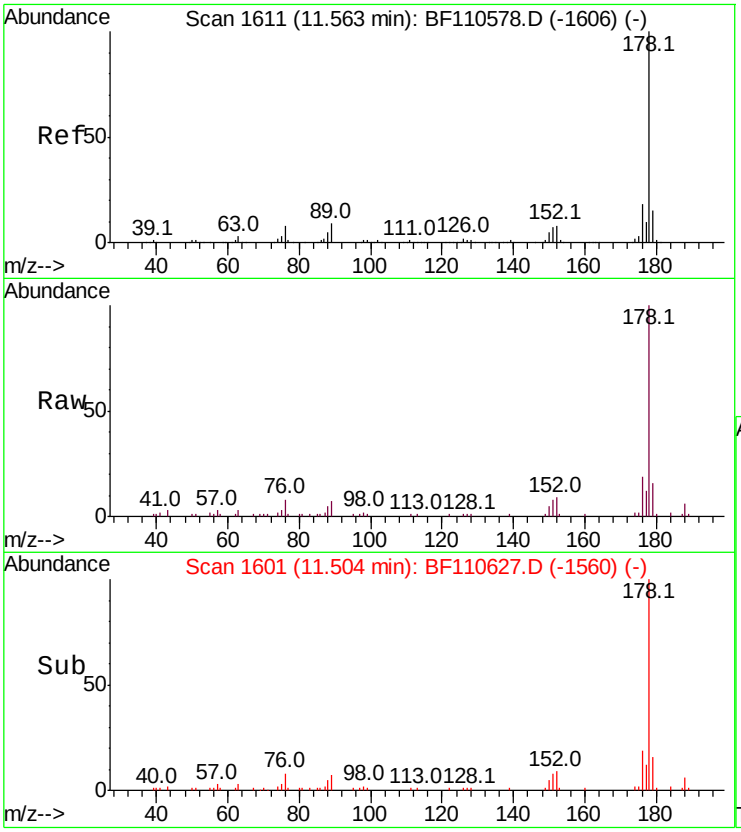


#71
Phenanthrene
Concen: 4.255 ng
RT: 11.50 min Scan# 1601
Delta R.T. -0.01 min
Lab File: BF110627.D
Acq: 9 Nov 2018 15:02

Tgt Ion:178 Resp: 42375

Ion	Ratio	Lower	Upper
178	100		
176	19.1	15.5	23.3
179	16.0	12.5	18.7



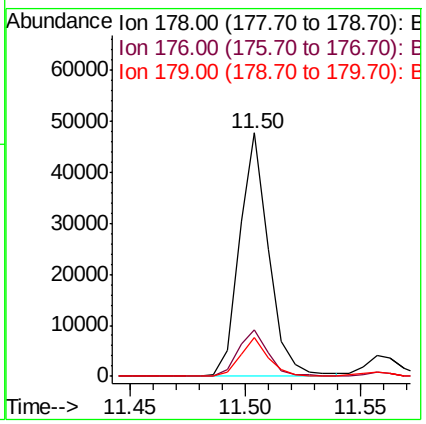


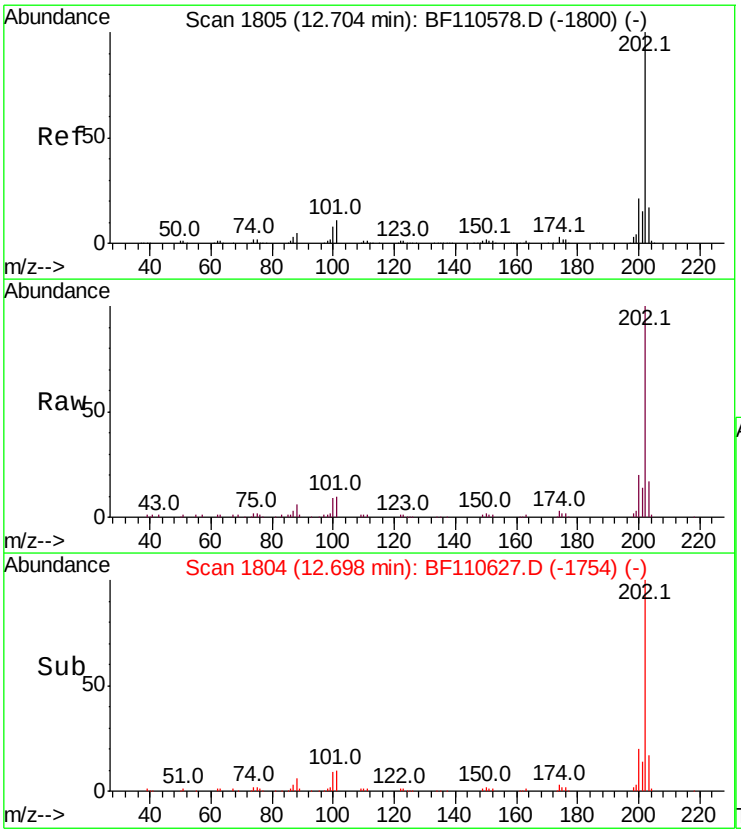
#72
Anthracene
Concen: 4.218 ng
RT: 11.50 min Scan# 1601
Delta R.T. -0.06 min
Lab File: BF110627.D
Acq: 9 Nov 2018 15:02

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:178 Resp: 42375

Ion	Ratio	Lower	Upper
178	100		
176	19.1	15.4	23.2
179	16.0	12.6	18.8

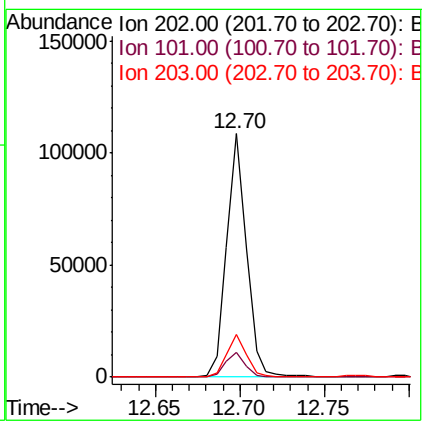


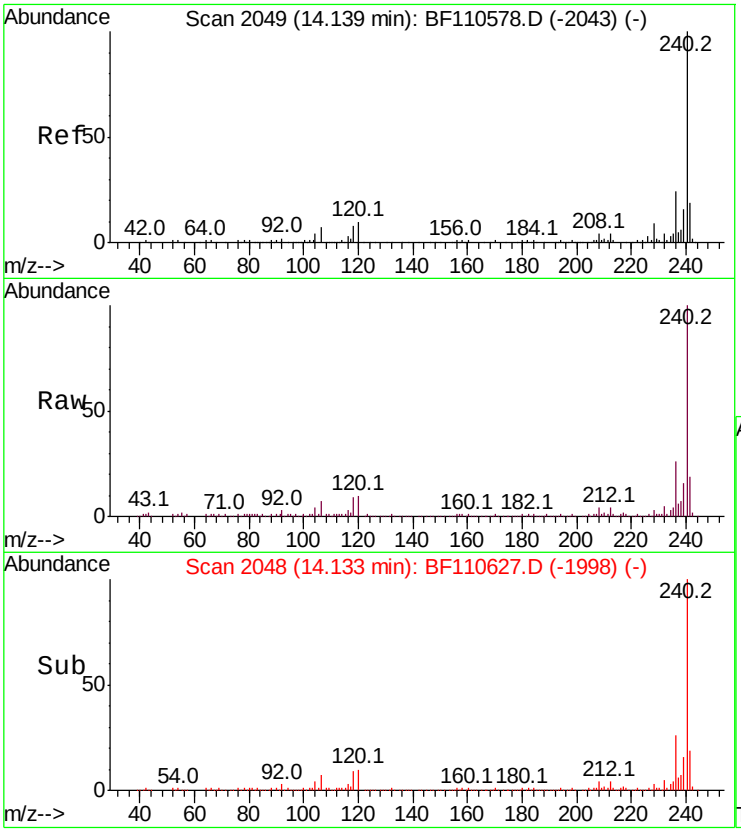


#75
Fluoranthene
Concen: 8.875 ng
RT: 12.70 min Scan# 1804
Delta R.T. -0.01 min
Lab File: BF110627.D
Acq: 9 Nov 2018 15:02

Tgt Ion:202 Resp: 88607

Ion	Ratio	Lower	Upper
202	100		
101	10.0	0.0	31.4
203	17.3	0.0	37.7



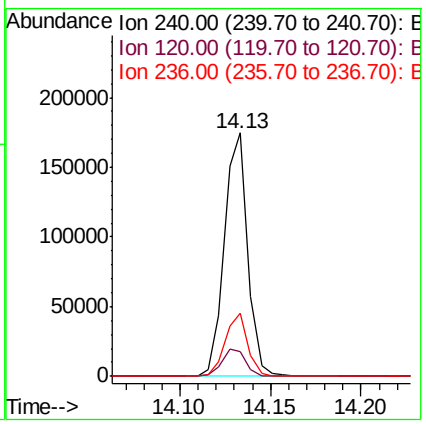


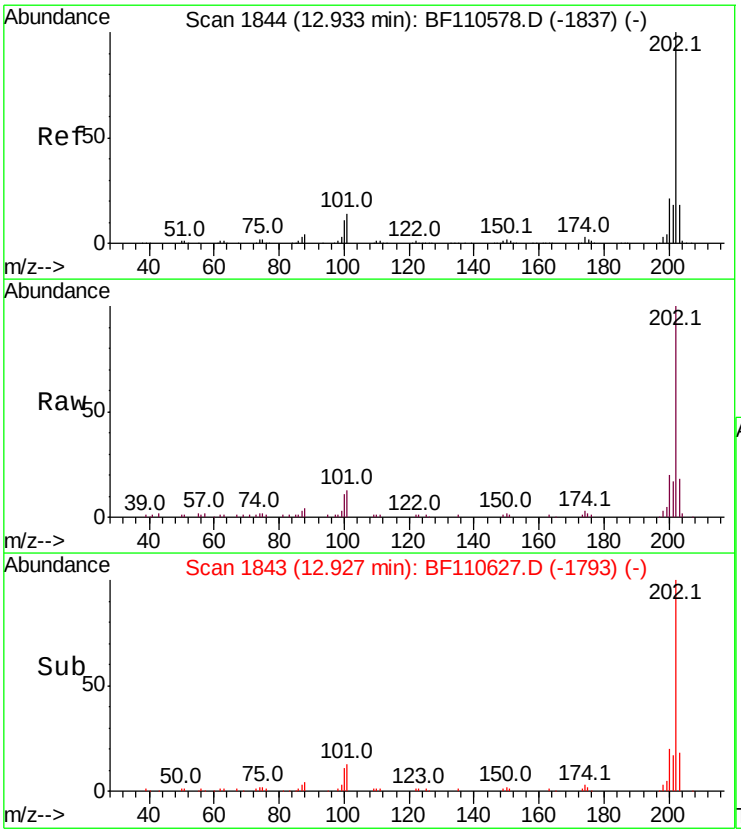
#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.13 min Scan# 2048
Delta R.T. -0.01 min
Lab File: BF110627.D
Acq: 9 Nov 2018 15:02

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:240 Resp: 156127

Ion	Ratio	Lower	Upper
240	100		
120	9.9	8.3	12.5
236	26.1	21.2	31.8

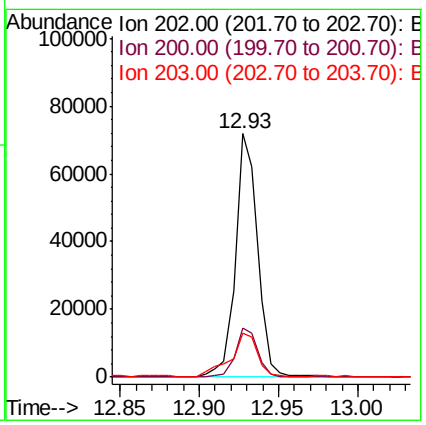


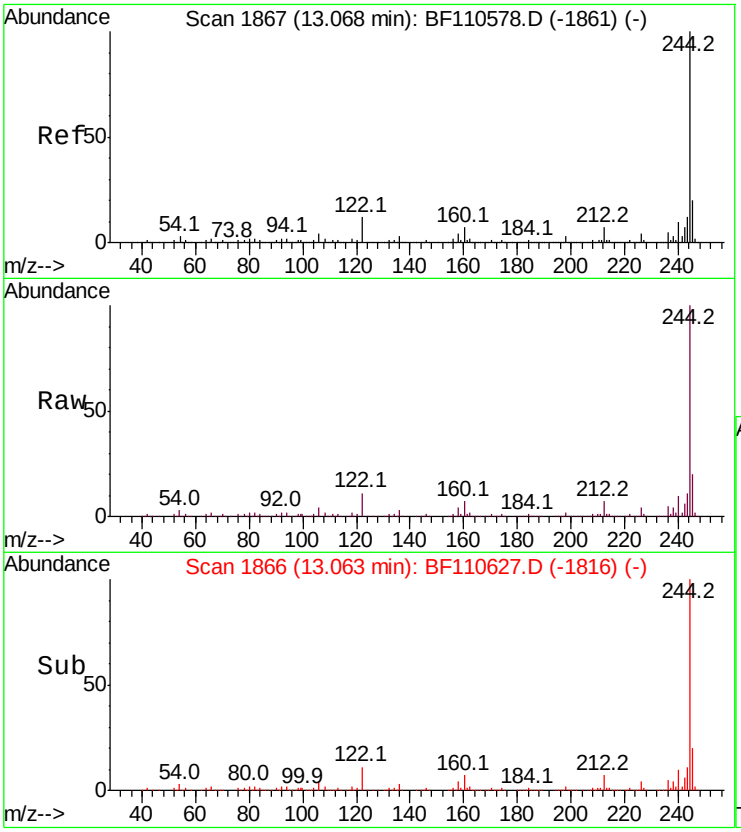


#78
Pyrene
Concen: 5.771 ng
RT: 12.93 min Scan# 1843
Delta R.T. -0.01 min
Lab File: BF110627.D
Acq: 9 Nov 2018 15:02

Tgt Ion:202 Resp: 69372

Ion	Ratio	Lower	Upper
202	100		
200	20.3	17.8	26.6
203	17.9	14.2	21.4



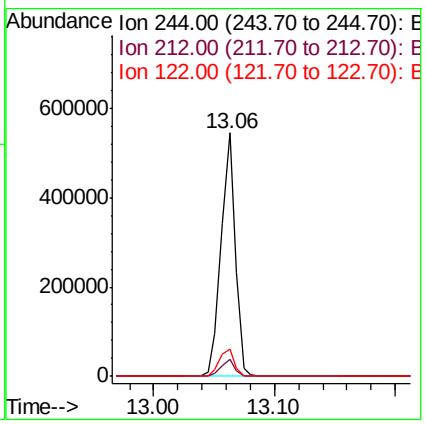


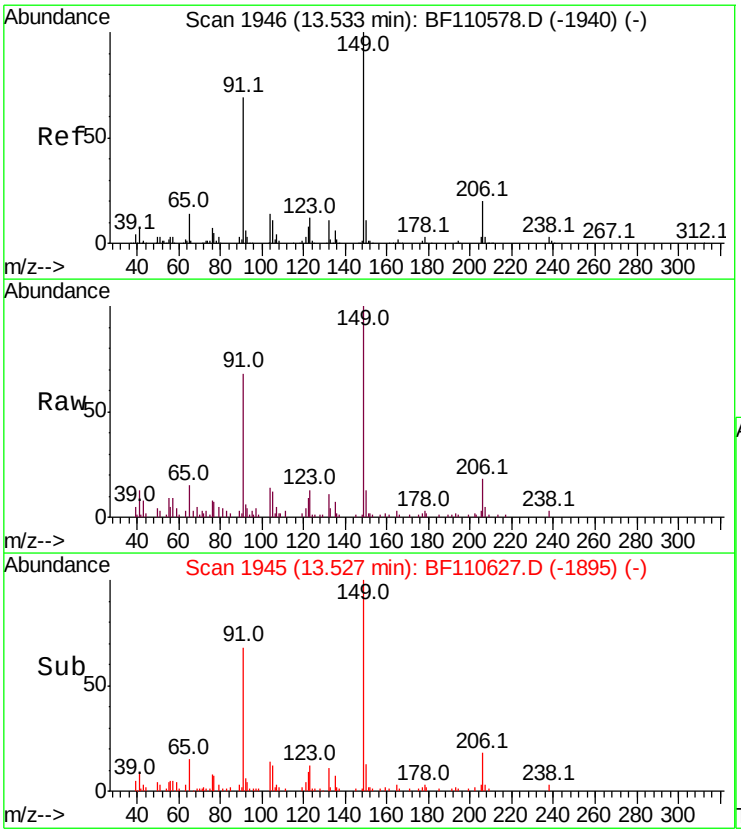
#79
Terphenyl-d14
Concen: 53.010 ng
RT: 13.06 min Scan# 1866
Delta R.T. -0.01 min
Lab File: BF110627.D
Acq: 9 Nov 2018 15:02

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:244 Resp: 441931

Ion	Ratio	Lower	Upper
244	100		
212	7.0	5.8	8.8
122	11.0	8.7	13.1

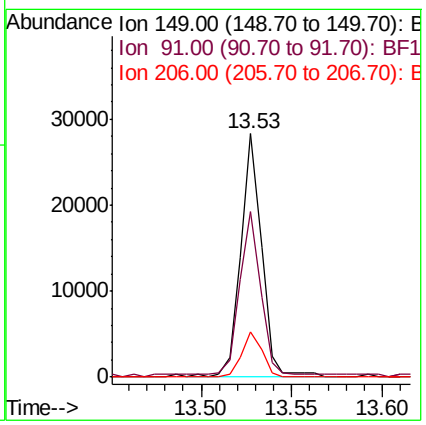


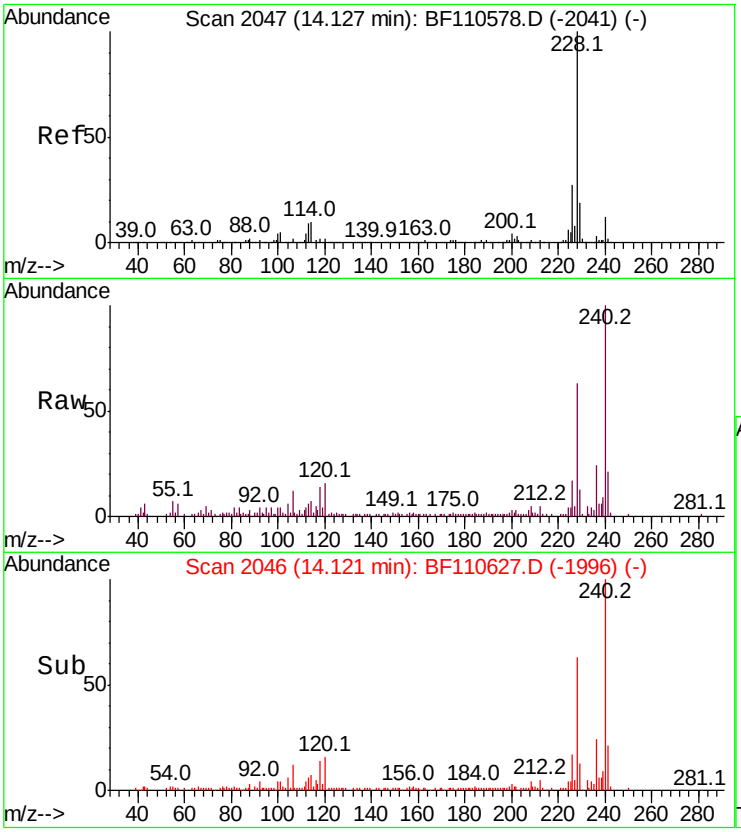


#80
Butylbenzylphthalate
Concen: 4.392 ng
RT: 13.53 min Scan# 1945
Delta R.T. -0.01 min
Lab File: BF110627.D
Acq: 9 Nov 2018 15:02

Tgt Ion:149 Resp: 22726

Ion	Ratio	Lower	Upper
149	100		
91	68.0	57.2	85.8
206	18.4	15.7	23.5



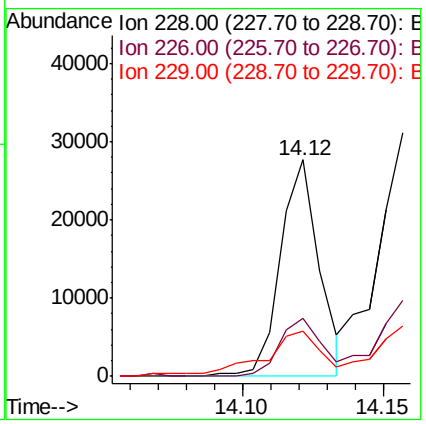


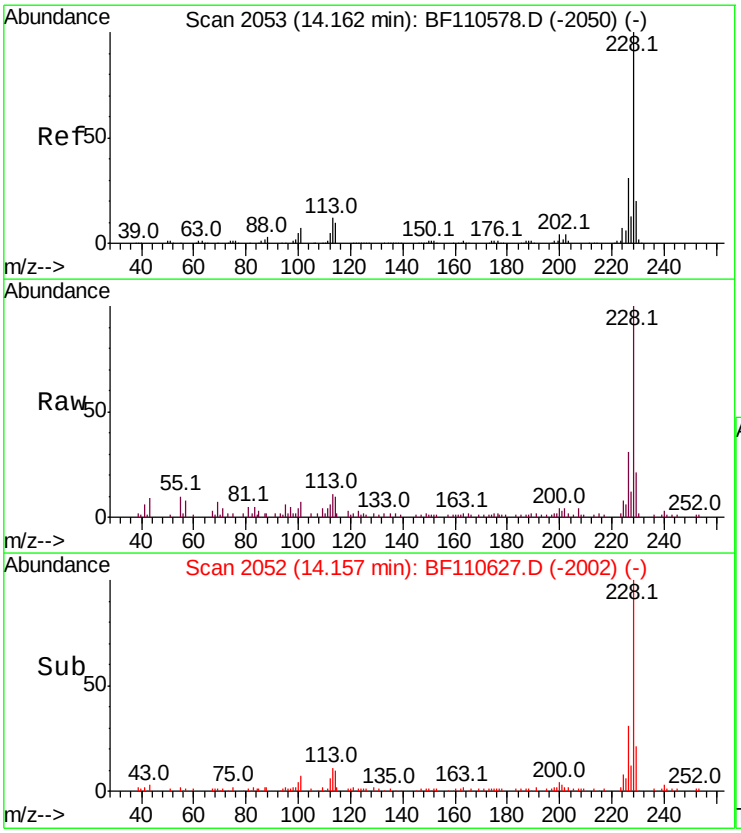
#81
Benzo(a)anthracene
Concen: 2.833 ng
RT: 14.12 min Scan# 2046
Delta R.T. -0.01 min
Lab File: BF110627.D
Acq: 9 Nov 2018 15:02

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:228 Resp: 26434

Ion	Ratio	Lower	Upper
228	100		
226	27.1	22.1	33.1
229	21.2	15.6	23.4

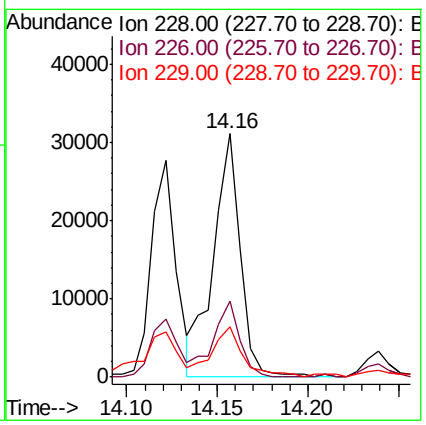


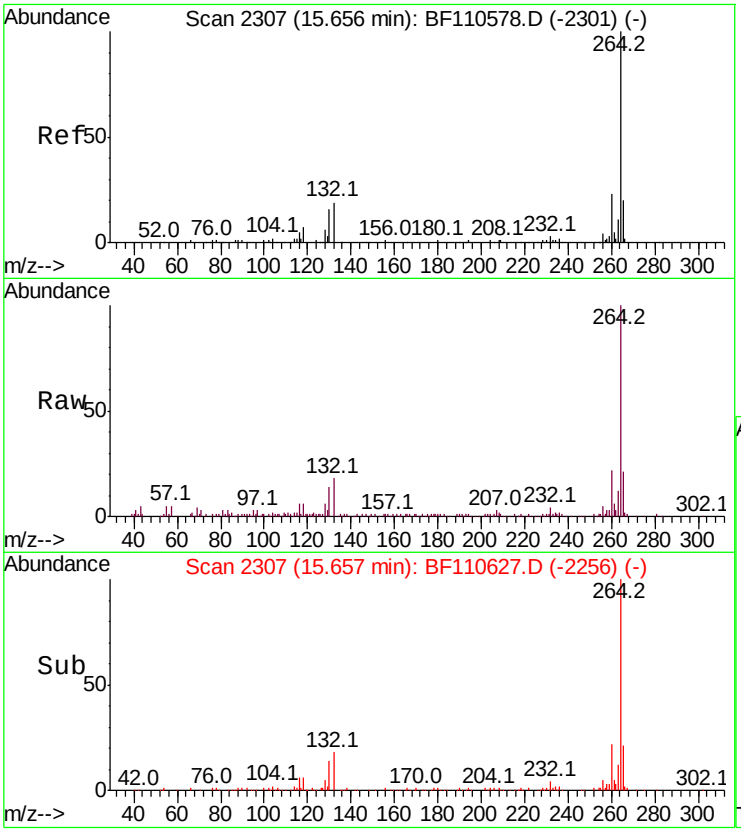


#83
Chrysene
Concen: 3.631 ng
RT: 14.16 min Scan# 2052
Delta R.T. -0.01 min
Lab File: BF110627.D
Acq: 9 Nov 2018 15:02

Tgt Ion:228 Resp: 32282

Ion	Ratio	Lower	Upper
228	100		
226	31.1	24.7	37.1
229	20.7	15.9	23.9



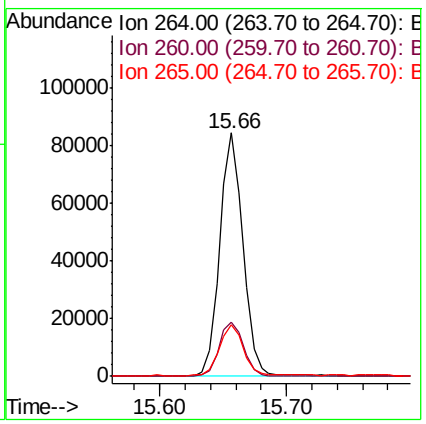


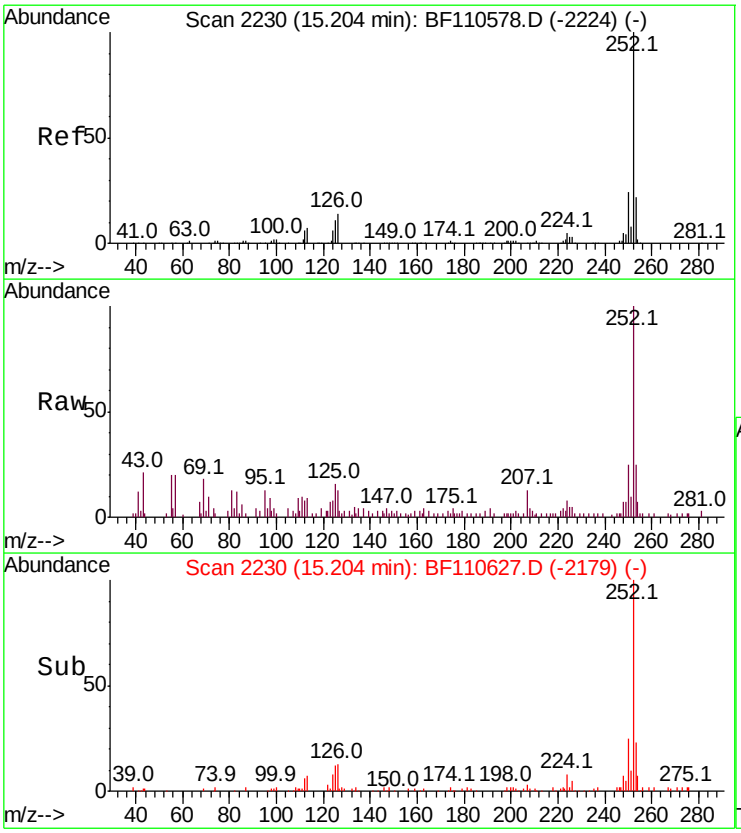
#87
Perylene-d12
Concen: 20.000 ng
RT: 15.66 min Scan# 2307
Delta R.T. 0.00 min
Lab File: BF110627.D
Acq: 9 Nov 2018 15:02

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:264 Resp: 107646

Ion	Ratio	Lower	Upper
264	100		
260	22.4	18.7	28.1
265	21.1	16.7	25.1

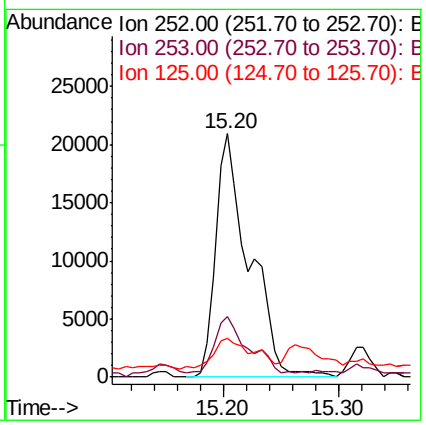


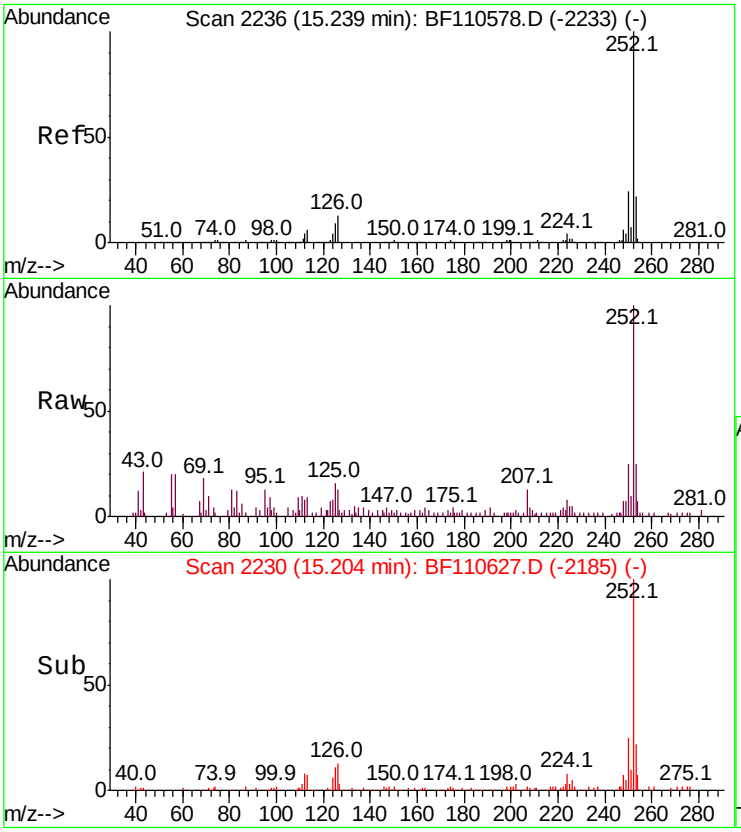


#88
Benzo(b)fluoranthene
Concen: 6.547 ng
RT: 15.20 min Scan# 2230
Delta R.T. 0.00 min
Lab File: BF110627.D
Acq: 9 Nov 2018 15:02

Tgt Ion:252 Resp: 42159

Ion	Ratio	Lower	Upper
252	100		
253	24.9	17.2	25.8
125	16.1	8.2	12.4#



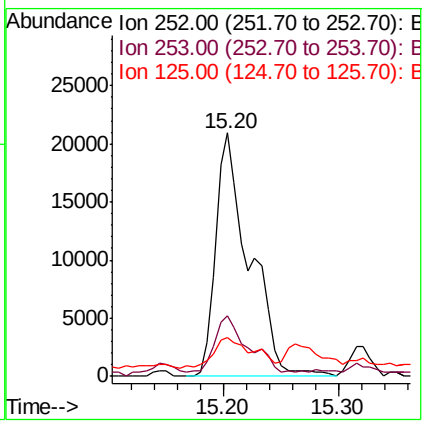


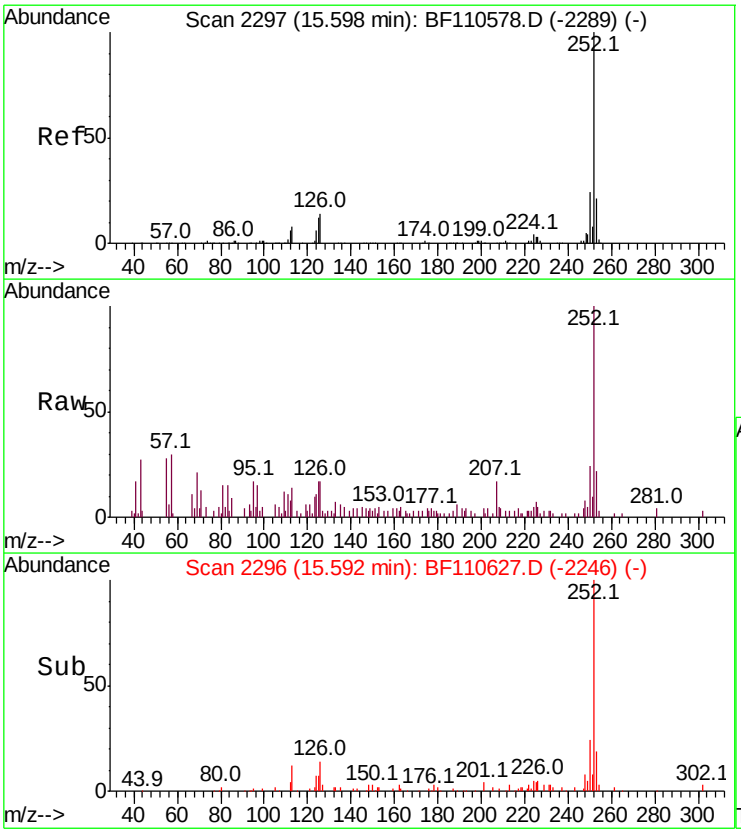
#89
Benzo(k)fluoranthene
Concen: 6.625 ng
RT: 15.20 min Scan# 2230
Delta R.T. -0.04 min
Lab File: BF110627.D
Acq: 9 Nov 2018 15:02

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:252 Resp: 42159

Ion	Ratio	Lower	Upper
252	100		
253	24.9	17.2	25.8
125	16.1	7.4	11.0#

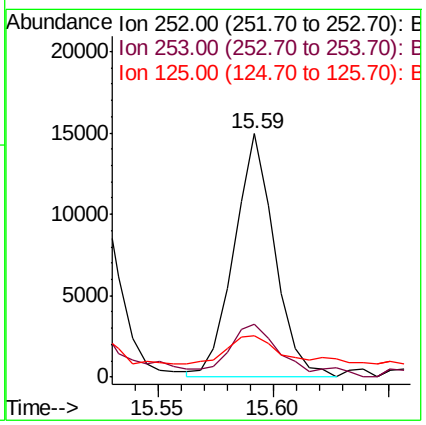


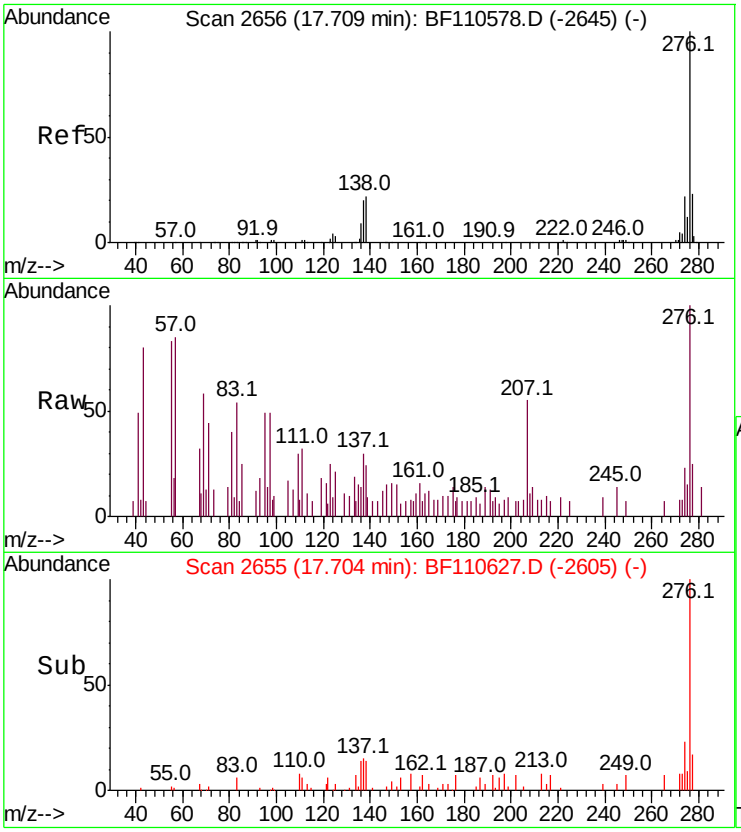


#90
Benzo(a)pyrene
Concen: 3.130 ng
RT: 15.59 min Scan# 2296
Delta R.T. -0.01 min
Lab File: BF110627.D
Acq: 9 Nov 2018 15:02

Tgt Ion:252 Resp: 18316

Ion	Ratio	Lower	Upper
252	100		
253	21.8	18.2	27.4
125	17.0	9.0	13.6#





#92
Benzo(g,h,i)perylene
Concen: 2.337 ng
RT: 17.70 min Scan# 2655
Delta R.T. -0.01 min
Lab File: BF110627.D
Acq: 9 Nov 2018 15:02

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:276 Resp: 11480

Ion	Ratio	Lower	Upper
276	100		
277	24.7	18.8	28.2
138	24.2	16.0	24.0#