Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF022718\
Data File : BF103264.D
Acq On : 27 Feb 2018 15:48
Operator : SJ/JU
Sample : J1397-11
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId :

Quant Time: Feb 27 16:55:20 2018
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF022218.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Feb 23 02:43:46 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.87	152	142805	20.00	ng		0.00
21) Naphthalene-d8	8.16	136	588105	20.00	ng		0.00
38) Acenaphthene-d10	9.91	164	239463	20.00	ng		0.00
63) Phenanthrene-d10	11.40	188	334040	20.00	ng		0.00
75) Chrysene-d12	14.05	240	250761	20.00	ng		0.00
86) Perylene-d12	15.56	264	184314	20.00	ng		0.02
System Monitoring Compounds							
5) 2-Fluorophenol	5.50	112	954541	101.09	ng		0.01
7) Phenol-d6	6.51	99	1135483	98.28	ng		0.00
23) Nitrobenzene-d5	7.44	82	711687	69.11	ng		0.00
41) 2,4,6-Tribromophenol	10.70	330	180252	88.93	ng		0.00
44) 2-Fluorobiphenyl	9.23	172	995680	68.31	ng		0.00
78) Terphenyl-d14	12.99	244	637487	61.11	ng		0.00
Target Compounds							Qvalue
9) Benzaldehyde	6.51	77	2145	Below Cal		#	1
19) n-Nitroso-di-n-propylamine	7.44	70	96589	13.433	ng	#	79
25) Isophorone	7.44	82	711677	35.089	ng	#	64
49) Dimethylphthalate	9.62	163	133632	6.956	ng		99
57) Fluorene	10.46	166	33535	2.014	ng		98
64) 4,6-Dinitro-2-methylphenol	10.70	198	384	5.115	ng	#	1
66) 4-Bromophenyl-phenylether	10.70	248	12252	3.521	ng	#	1
70) Phenanthrene	11.43	178	146225	7.954	ng		98
71) Anthracene	11.48	178	40001	2.122	ng		100
74) Fluoranthene	12.62	202	138027	7.472	ng		99
77) Pyrene	12.85	202	184802	9.452	ng		99
80) Benzo(a)anthracene	14.04	228	62253	3.826	ng	#	92
82) Chrysene	14.08	228	68008	4.305	ng		96
87) Benzo(b)fluoranthene	15.12	252	60301	4.976	ng	#	57
88) Benzo(k)fluoranthene	15.12	252	60301	5.284	ng	#	60
89) Benzo(a)pyrene	15.49	252	36805	3.401	ng	#	76
91) Benzo(g,h,i)perylene	17.54	276	18538	2.268	ng	#	83

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

Quantitation Report (Not Reviewed)

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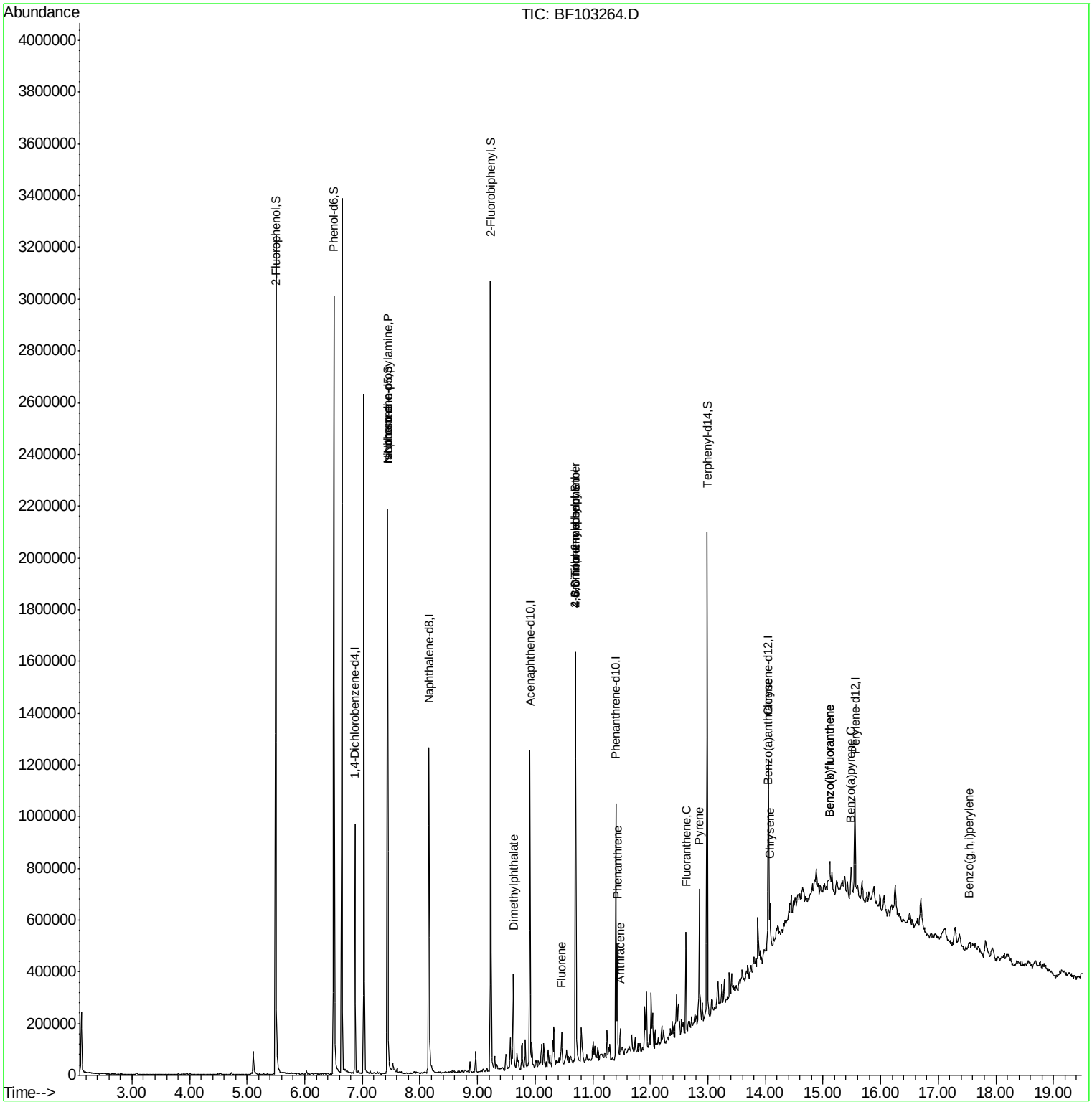
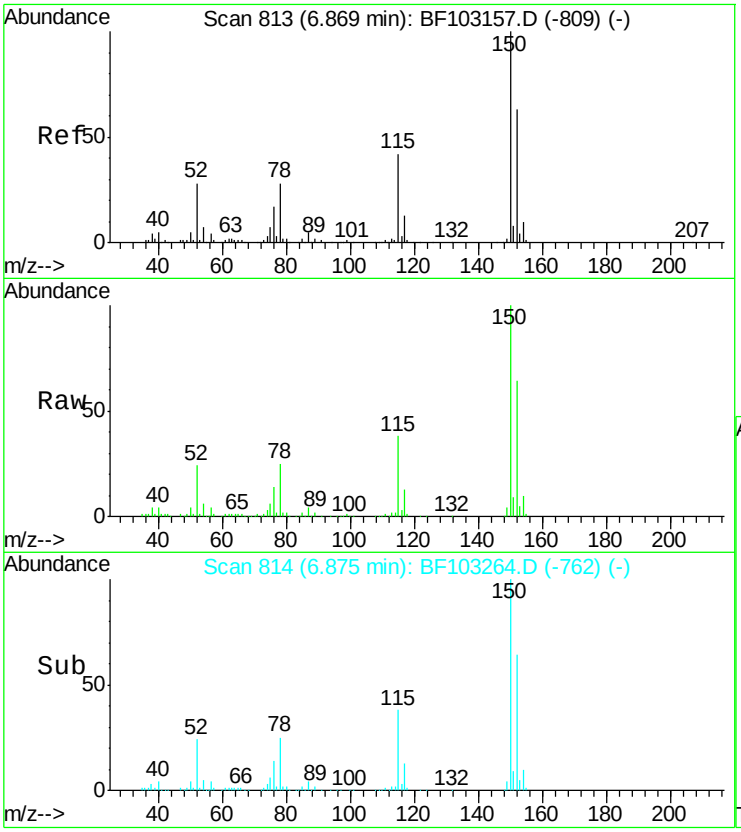


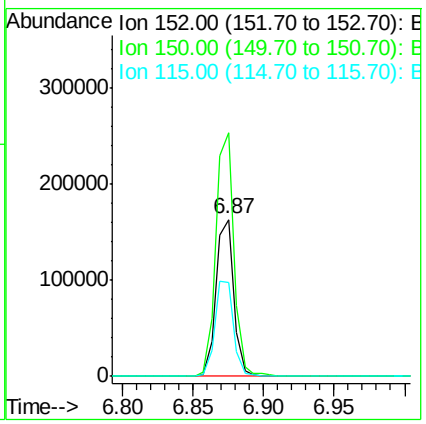


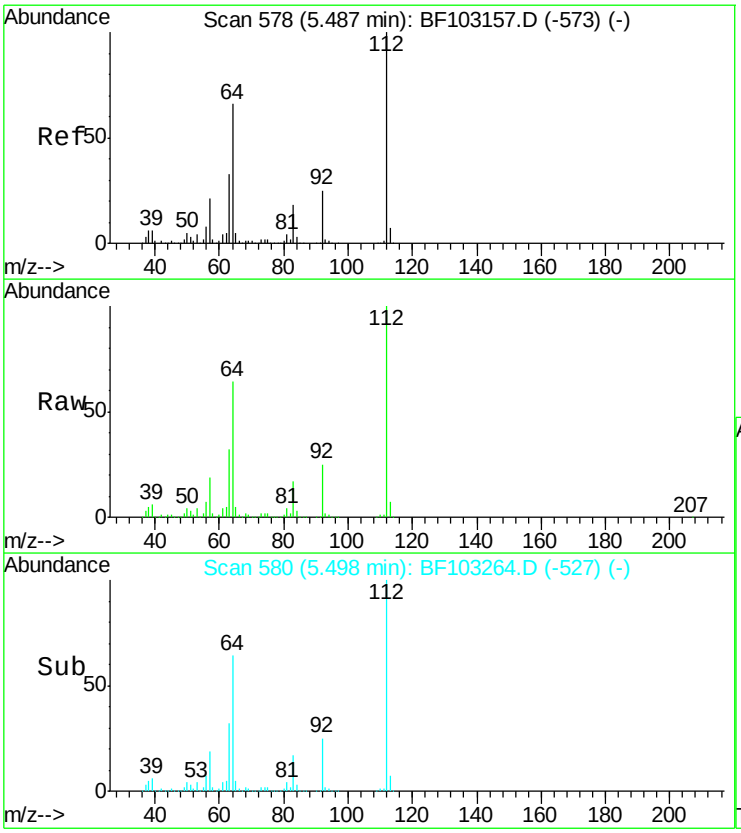
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.87 min Scan# 814
Delta R.T. 0.01 min
Lab File: BF103264.D
Acq: 27 Feb 2018 15:48

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:152 Resp: 142805

Ion	Ratio	Lower	Upper
152	100		
150	155.3	124.6	186.8
115	59.7	50.1	75.1

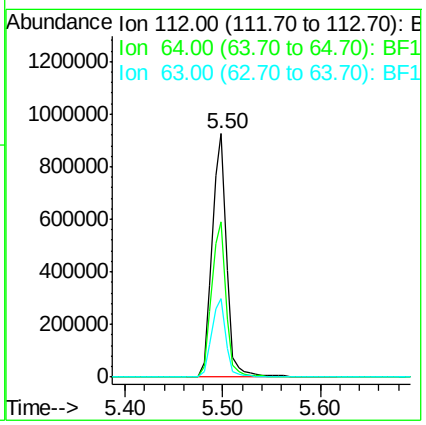


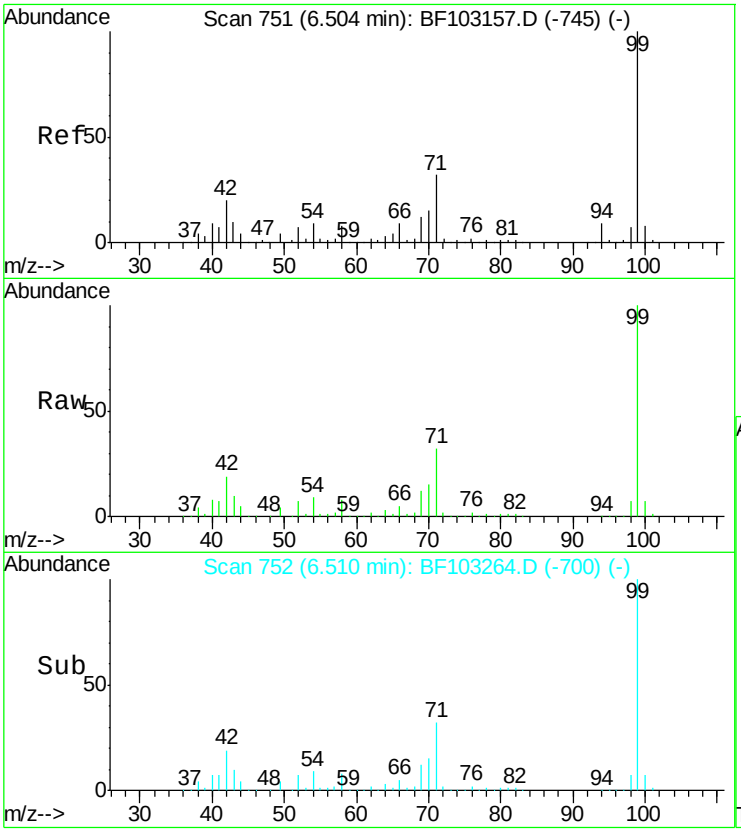


#5
2-Fluorophenol
Concen: 101.094 ng
RT: 5.50 min Scan# 580
Delta R.T. 0.01 min
Lab File: BF103264.D
Acq: 27 Feb 2018 15:48

Tgt Ion:112 Resp: 954541

Ion	Ratio	Lower	Upper
112	100		
64	63.6	47.9	71.9
63	32.3	23.7	35.5



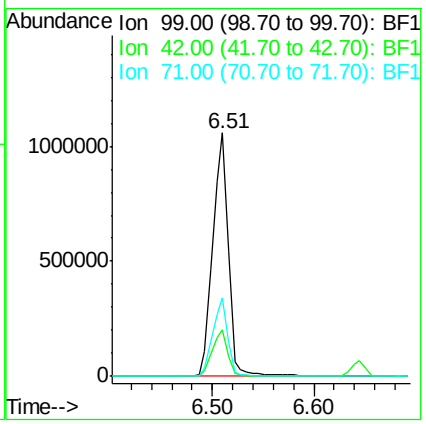


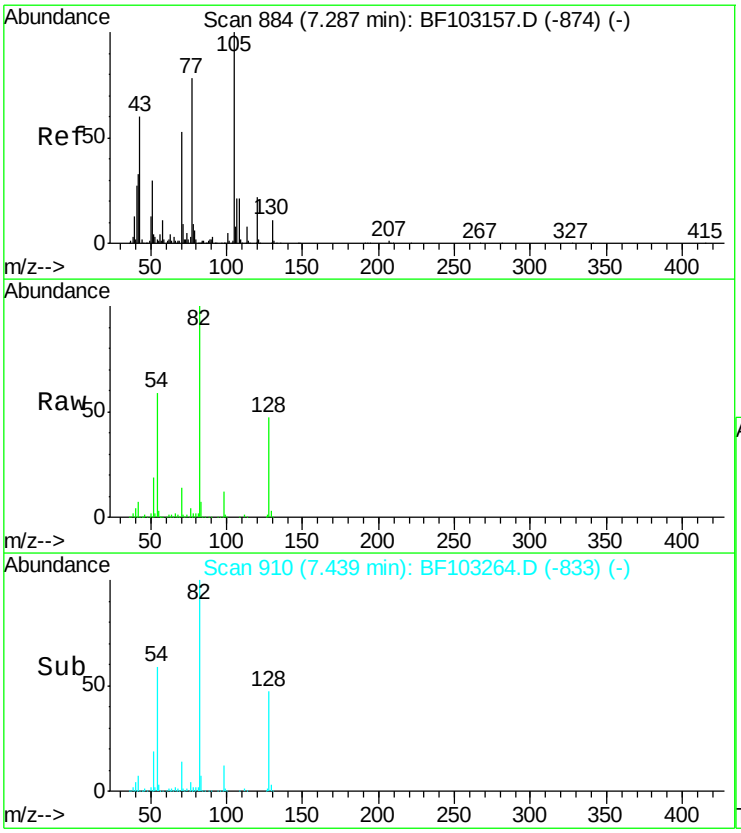
#7
Phenol-d6
Concen: 98.278 ng
RT: 6.51 min Scan# 752
Delta R.T. 0.01 min
Lab File: BF103264.D
Acq: 27 Feb 2018 15:48

Instrument :
BNA_F
ClientSampleId :

Tgt Ion: 99 Resp: 1135483

Ion	Ratio	Lower	Upper
99	100		
42	19.4	14.5	21.7
71	32.4	25.4	38.0

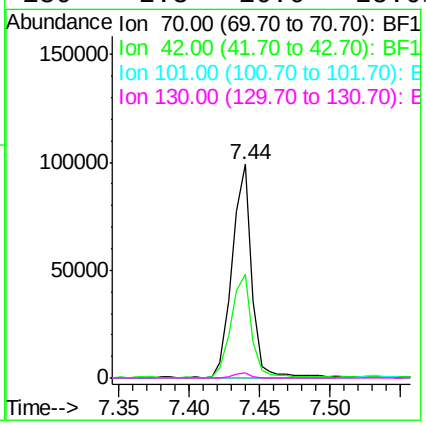


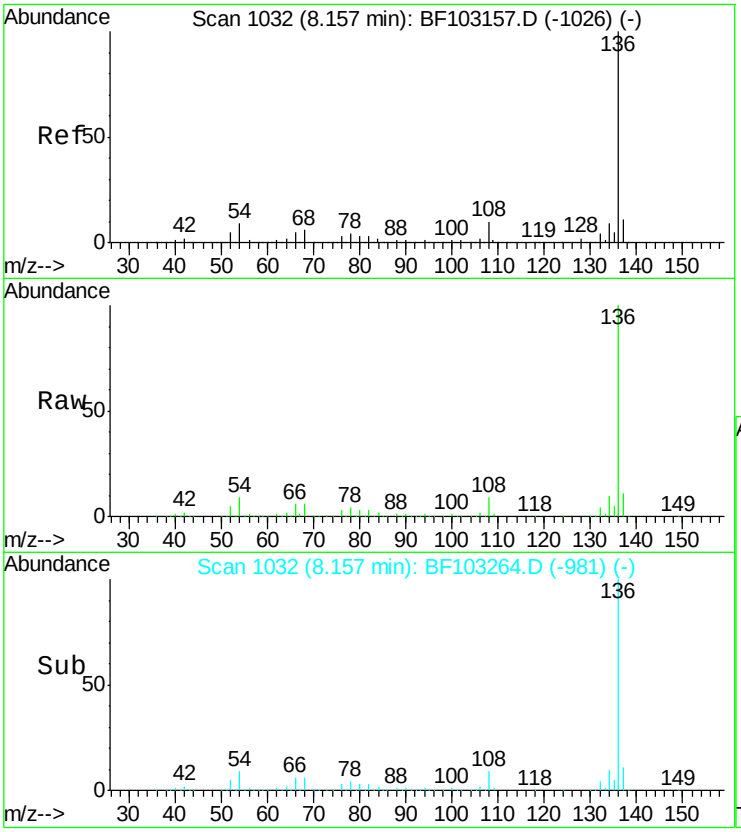


#19
n-Nitroso-di-n-propylamine
Concen: 13.433 ng
RT: 7.44 min Scan# 910
Delta R.T. 0.15 min
Lab File: BF103264.D
Acq: 27 Feb 2018 15:48

Tgt Ion: 70 Resp: 96589

Ion	Ratio	Lower	Upper
70	100		
42	48.8	47.5	71.3
101	0.0	7.4	11.2#
130	2.3	16.6	25.0#



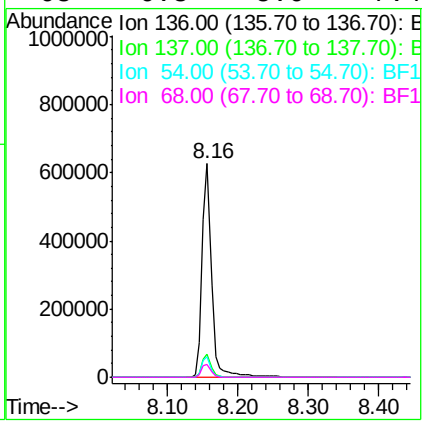


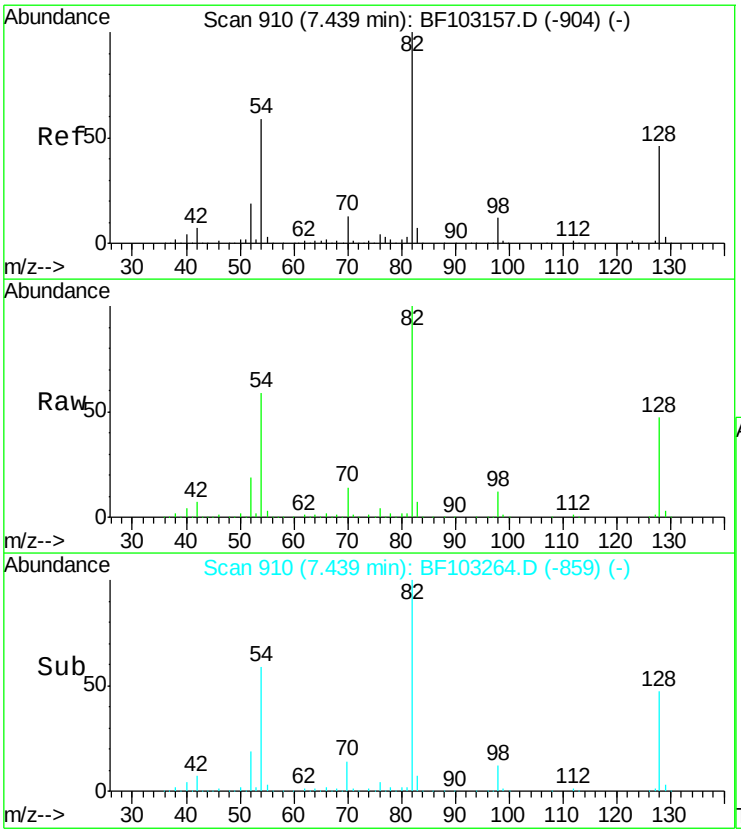
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.16 min Scan# 1032
Delta R.T. -0.00 min
Lab File: BF103264.D
Acq: 27 Feb 2018 15:48

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:136 Resp: 588105

Ion	Ratio	Lower	Upper
136	100		
137	10.7	8.9	13.3
54	9.3	6.6	9.8
68	6.3	5.0	7.4

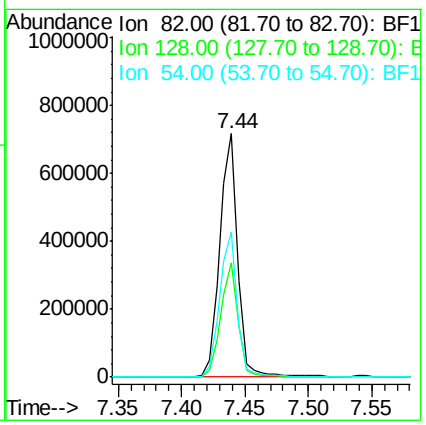


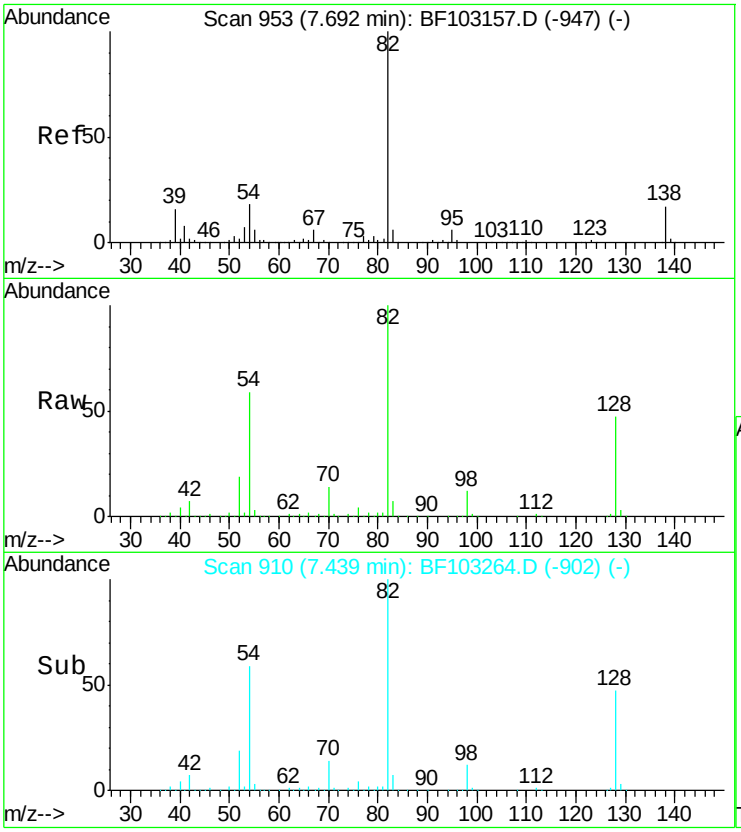


#23
Nitrobenzene-d5
Concen: 69.109 ng
RT: 7.44 min Scan# 910
Delta R.T. -0.00 min
Lab File: BF103264.D
Acq: 27 Feb 2018 15:48

Tgt Ion: 82 Resp: 711687

Ion	Ratio	Lower	Upper
82	100		
128	47.2	36.1	54.1
54	59.3	41.4	62.2



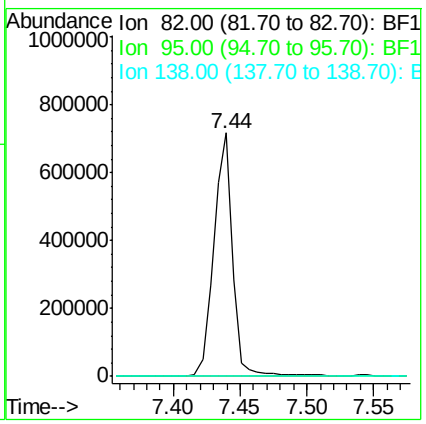


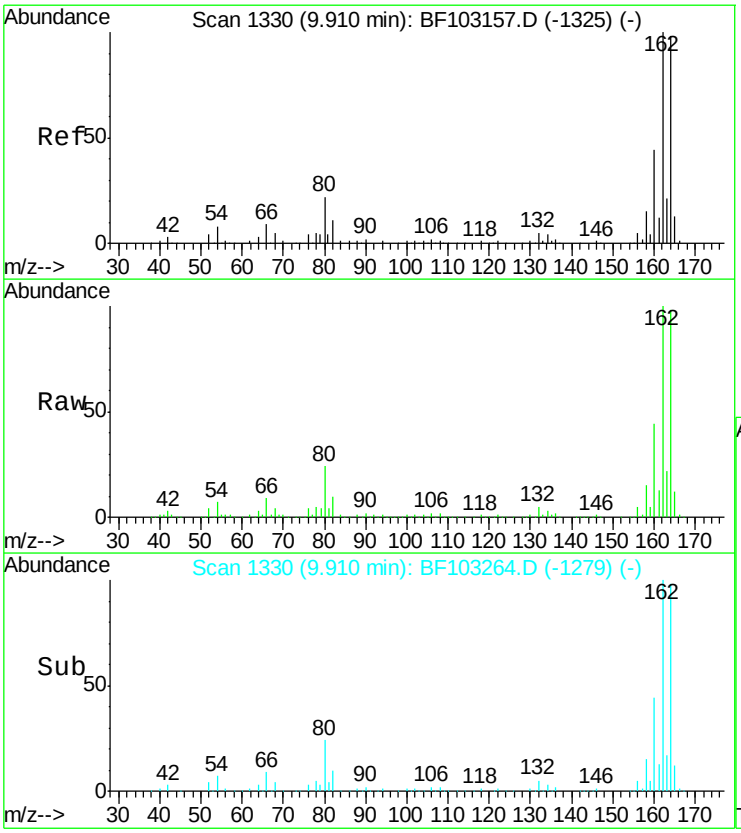
#25
Isophorone
Concen: 35.089 ng
RT: 7.44 min Scan# 910
Delta R.T. -0.25 min
Lab File: BF103264.D
Acq: 27 Feb 2018 15:48

Instrument :
BNA_F
ClientSampleId :

Tgt Ion: 82 Resp: 711677

Ion	Ratio	Lower	Upper
82	100		
95	0.0	5.2	7.8#
138	0.0	14.9	22.3#

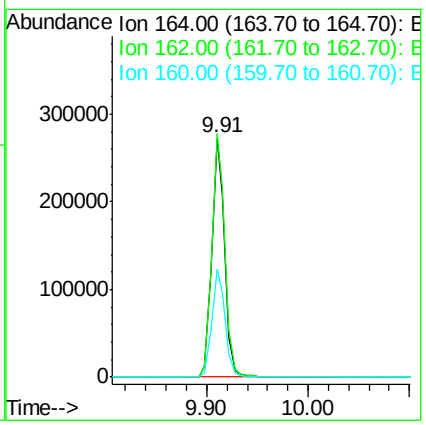


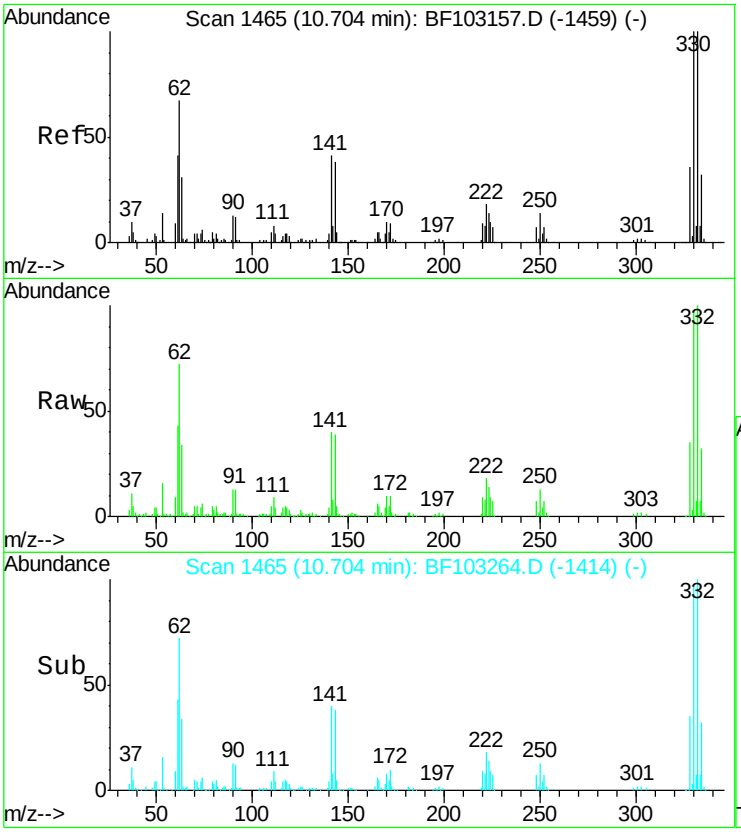


#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.91 min Scan# 1330
Delta R.T. -0.00 min
Lab File: BF103264.D
Acq: 27 Feb 2018 15:48

Tgt Ion:164 Resp: 239463

Ion	Ratio	Lower	Upper
164	100		
162	101.9	86.1	129.1
160	45.2	38.3	57.5



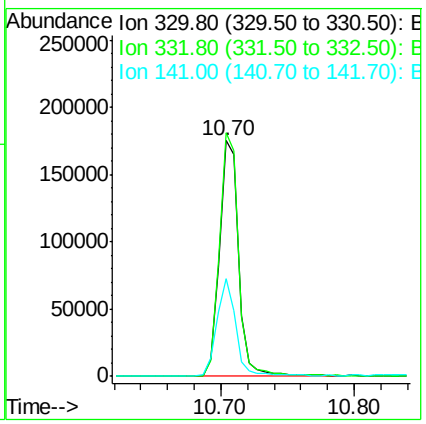


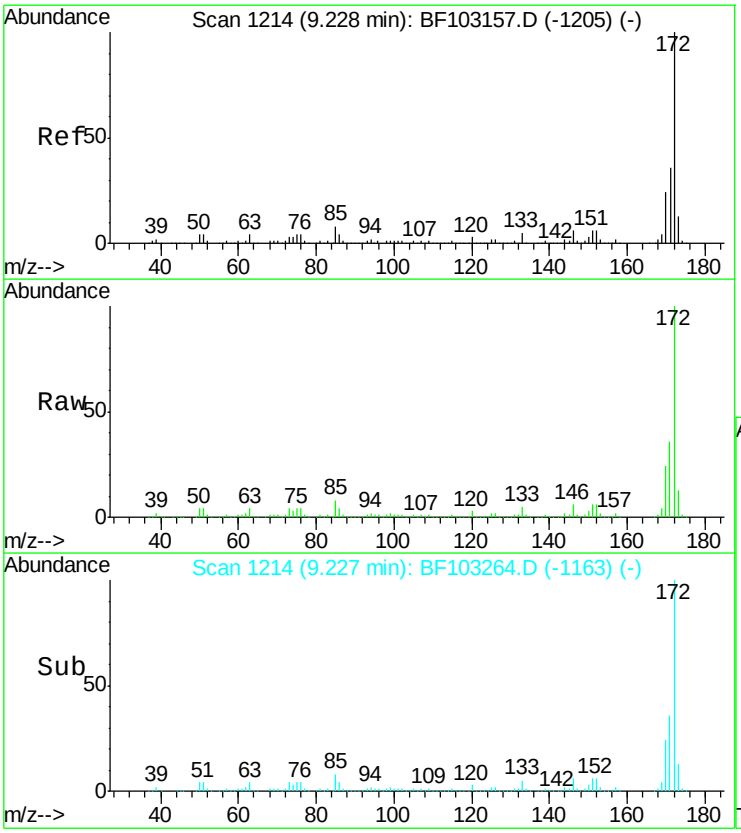
#41
2,4,6-Tribromophenol
Concen: 88.929 ng
RT: 10.70 min Scan# 1465
Delta R.T. -0.00 min
Lab File: BF103264.D
Acq: 27 Feb 2018 15:48

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:330 Resp: 180252

Ion	Ratio	Lower	Upper
330	100		
332	102.8	77.0	115.6
141	39.6	29.9	44.9

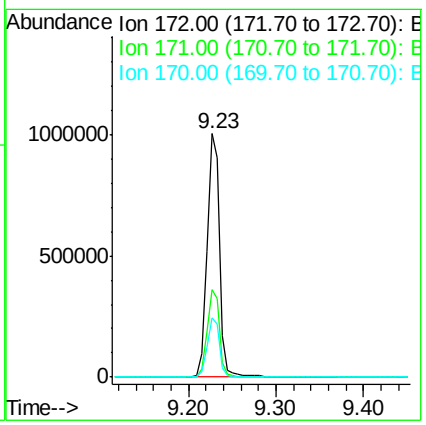


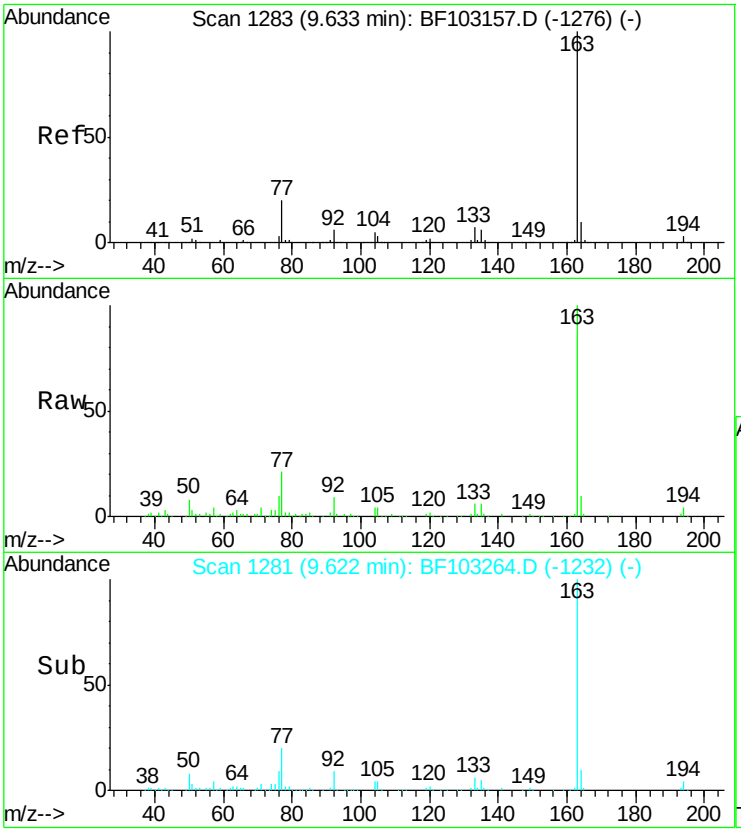


#44
2-Fluorobiphenyl
Concen: 68.315 ng
RT: 9.23 min Scan# 1214
Delta R.T. 0.00 min
Lab File: BF103264.D
Acq: 27 Feb 2018 15:48

Tgt Ion:172 Resp: 995680

Ion	Ratio	Lower	Upper
172	100		
171	36.0	29.7	44.5
170	24.2	19.6	29.4



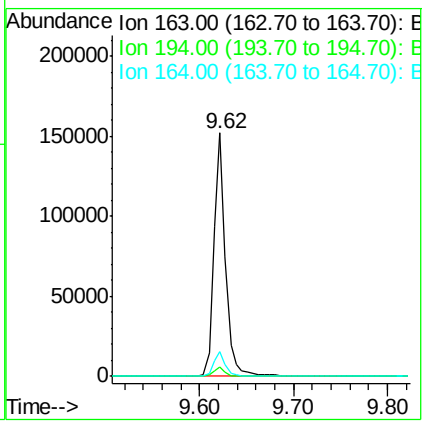


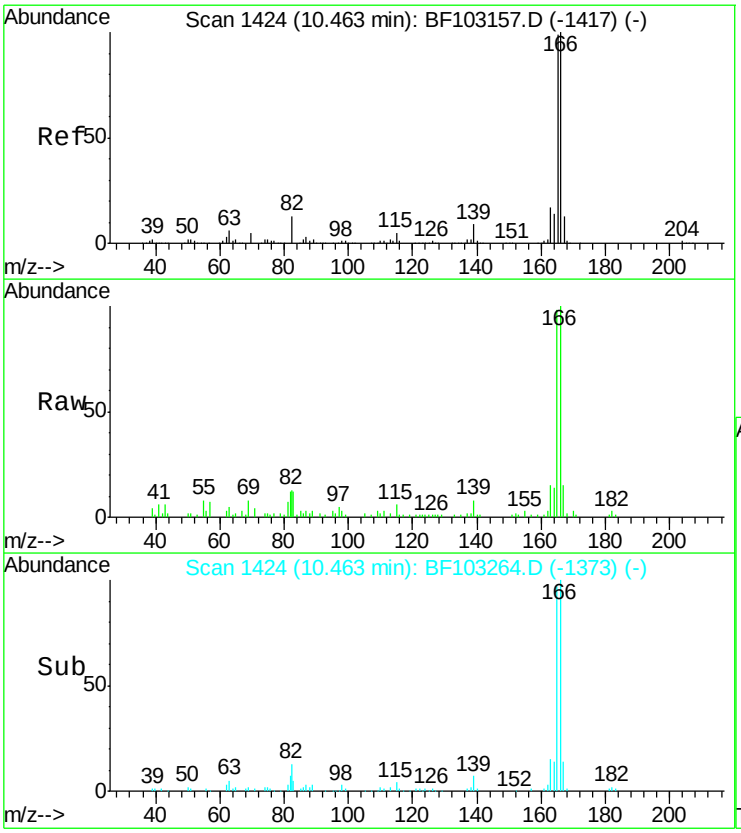
#49
Dimethylphthalate
Concen: 6.956 ng
RT: 9.62 min Scan# 1281
Delta R.T. -0.01 min
Lab File: BF103264.D
Acq: 27 Feb 2018 15:48

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:163 Resp: 133632

Ion	Ratio	Lower	Upper
163	100		
194	3.7	2.7	4.1
164	10.0	8.2	12.2

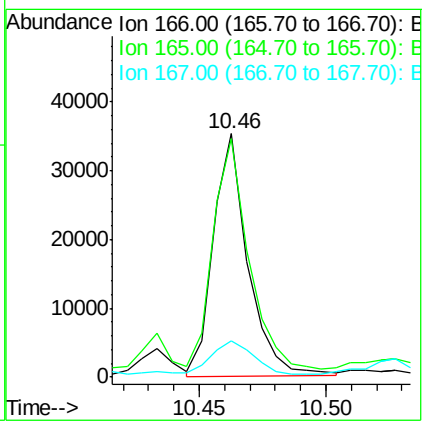


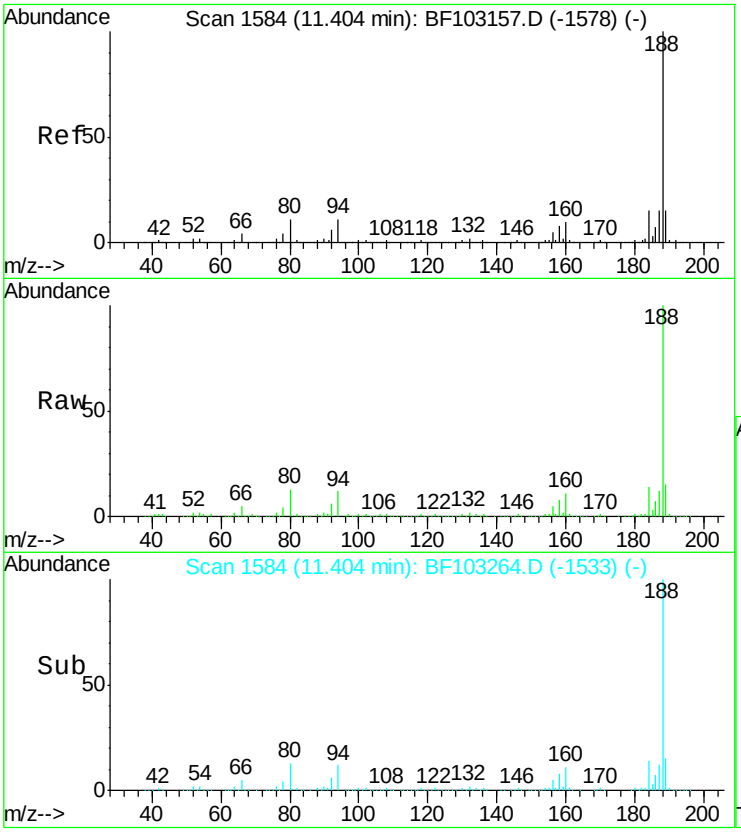


#57
Fluorene
Concen: 2.014 ng
RT: 10.46 min Scan# 1424
Delta R.T. 0.00 min
Lab File: BF103264.D
Acq: 27 Feb 2018 15:48

Tgt Ion:166 Resp: 33535

Ion	Ratio	Lower	Upper
166	100		
165	98.1	79.8	119.8
167	15.0	10.6	16.0



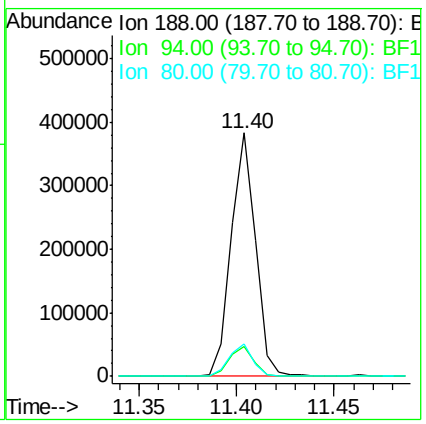


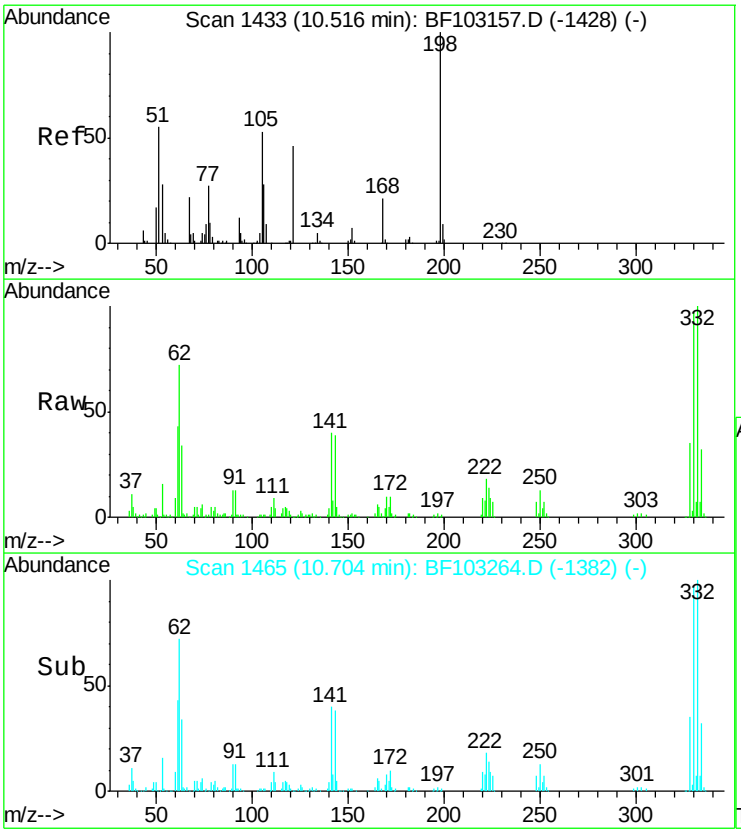
#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.40 min Scan# 1584
Delta R.T. -0.00 min
Lab File: BF103264.D
Acq: 27 Feb 2018 15:48

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:188 Resp: 334040

Ion	Ratio	Lower	Upper
188	100		
94	12.1	8.5	12.7
80	13.1	9.2	13.8

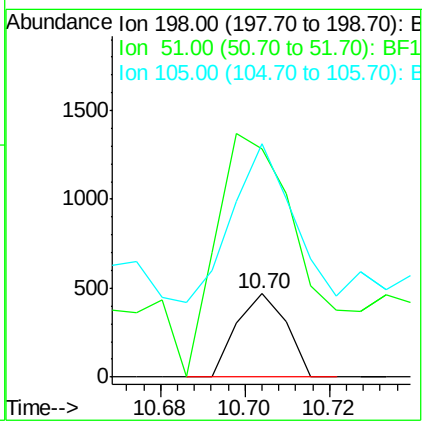


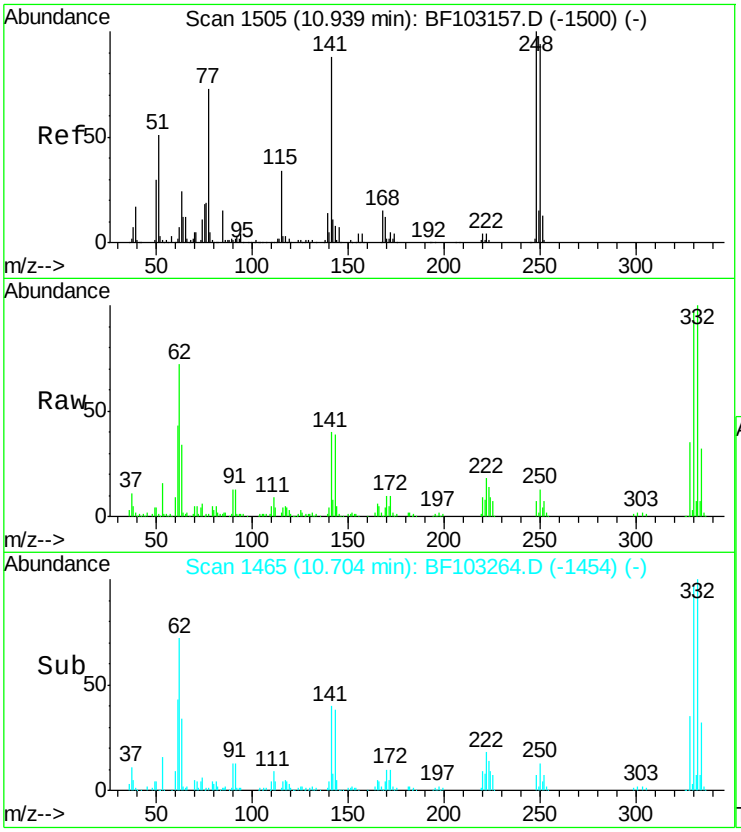


#64
4,6-Dinitro-2-methylphenol
Concen: 5.115 ng
RT: 10.70 min Scan# 1465
Delta R.T. 0.19 min
Lab File: BF103264.D
Acq: 27 Feb 2018 15:48

Tgt Ion:198 Resp: 384

Ion	Ratio	Lower	Upper
198	100		
51	274.5	37.7	77.7#
105	281.6	36.3	76.3#



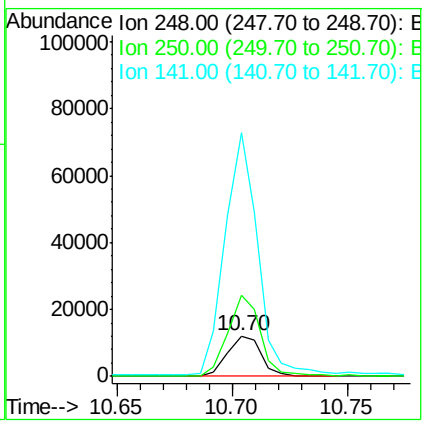


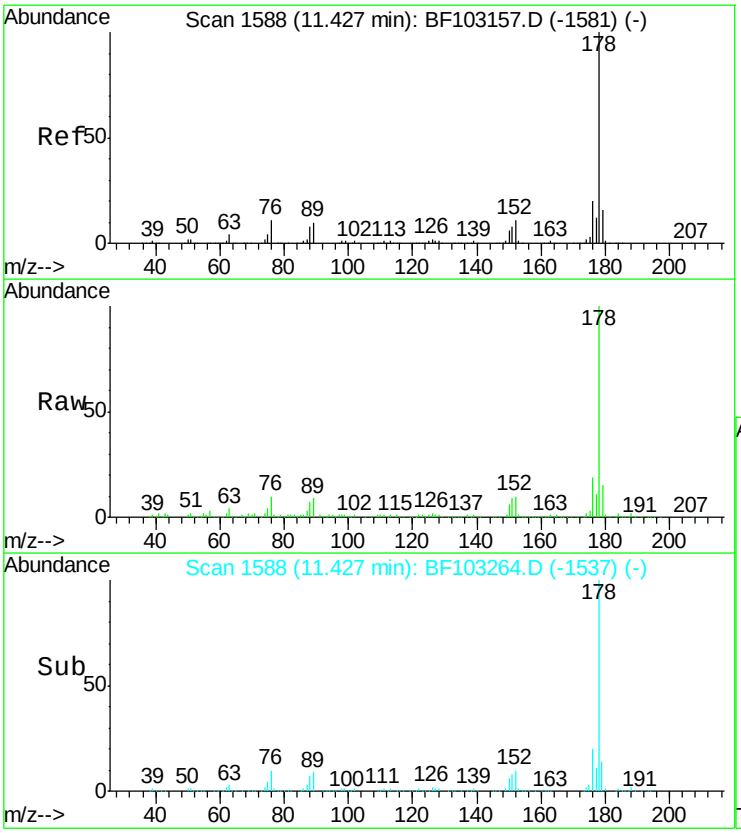
#66
4-Bromophenyl-phenylether
Concen: 3.521 ng
RT: 10.70 min Scan# 1465
Delta R.T. -0.24 min
Lab File: BF103264.D
Acq: 27 Feb 2018 15:48

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:248 Resp: 12252

Ion	Ratio	Lower	Upper
248	100		
250	201.8	76.9	115.3#
141	606.9	74.4	111.6#

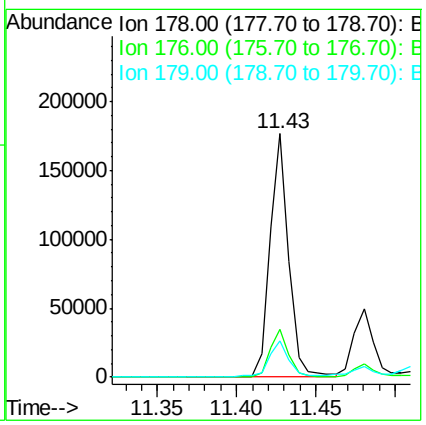


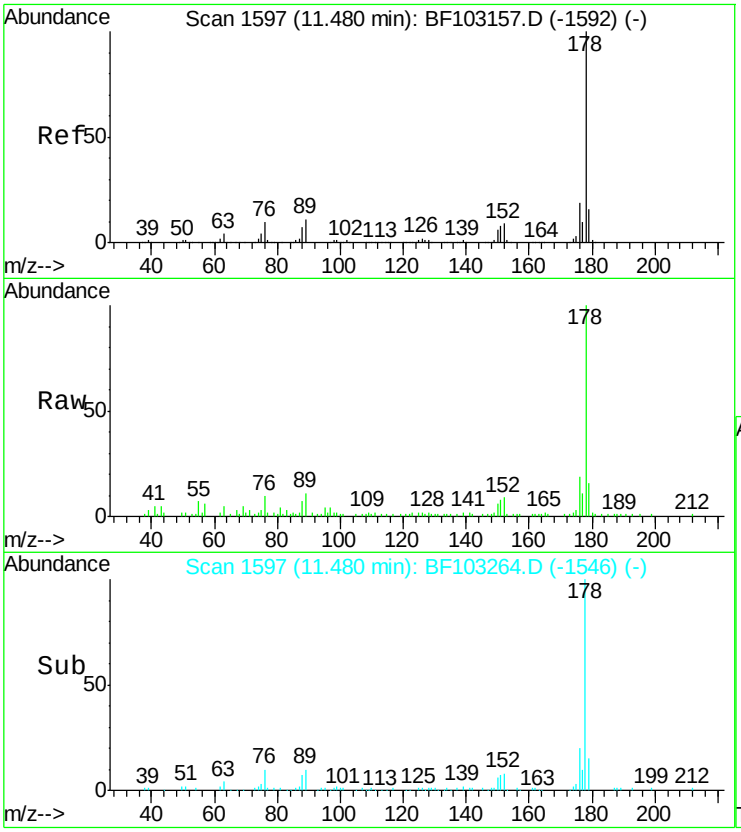


#70
Phenanthrene
Concen: 7.954 ng
RT: 11.43 min Scan# 1588
Delta R.T. -0.00 min
Lab File: BF103264.D
Acq: 27 Feb 2018 15:48

Tgt Ion:178 Resp: 146225

Ion	Ratio	Lower	Upper
178	100		
176	19.5	15.8	23.8
179	14.8	13.0	19.6



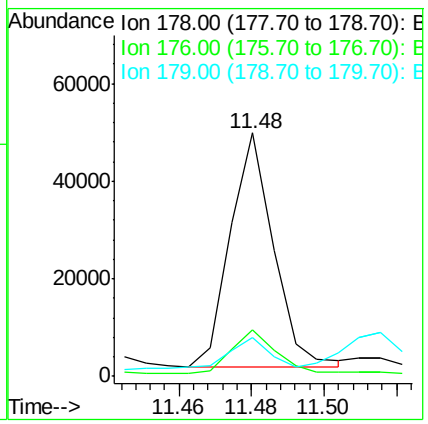


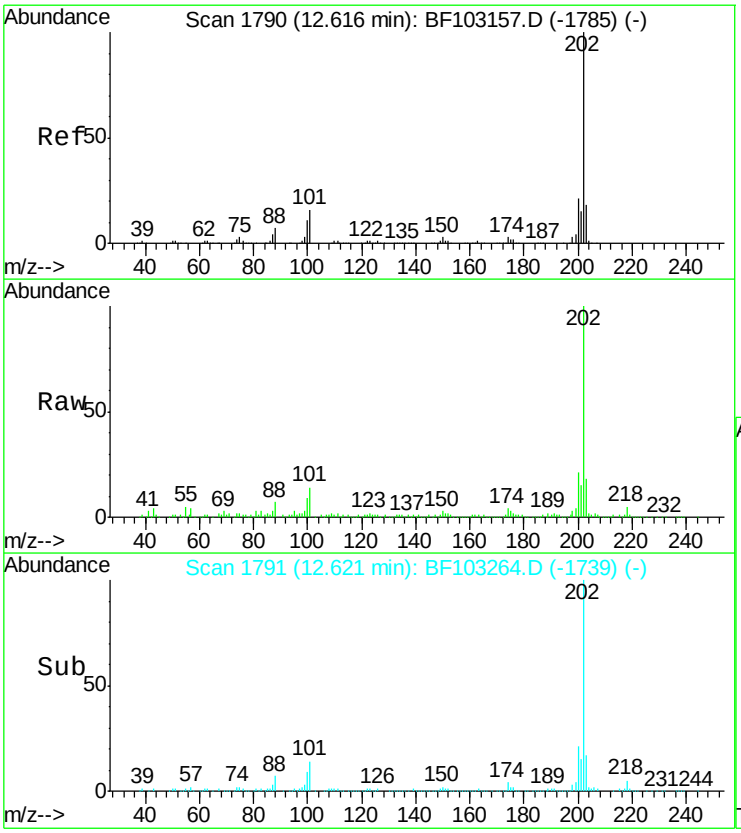
#71
Anthracene
Concen: 2.122 ng
RT: 11.48 min Scan# 1597
Delta R.T. -0.00 min
Lab File: BF103264.D
Acq: 27 Feb 2018 15:48

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:178 Resp: 40001

Ion	Ratio	Lower	Upper
178	100		
176	19.3	15.4	23.2
179	16.0	12.6	19.0

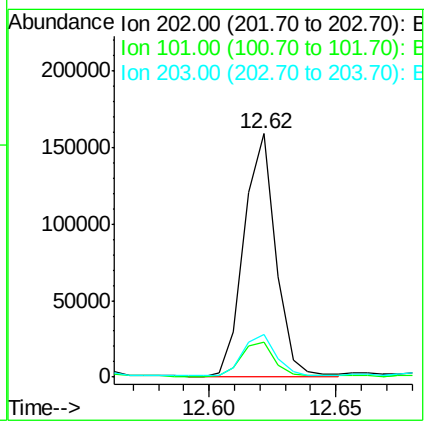


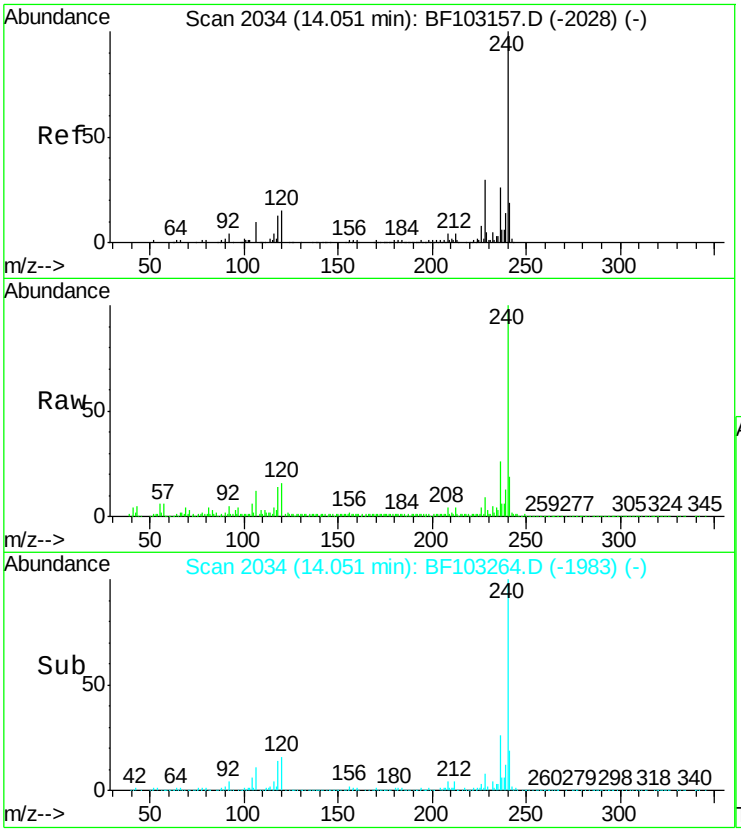


#74
Fluoranthene
Concen: 7.472 ng
RT: 12.62 min Scan# 1791
Delta R.T. 0.01 min
Lab File: BF103264.D
Acq: 27 Feb 2018 15:48

Tgt Ion:202 Resp: 138027

Ion	Ratio	Lower	Upper
202	100		
101	14.3	0.0	34.1
203	17.6	0.0	38.1



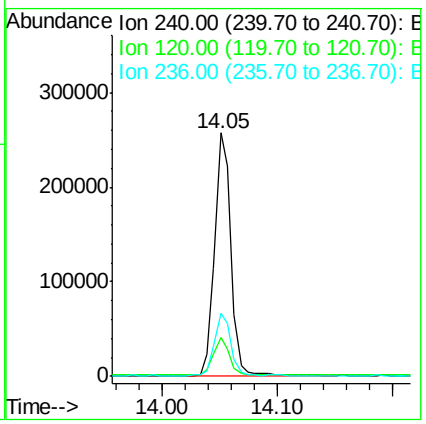


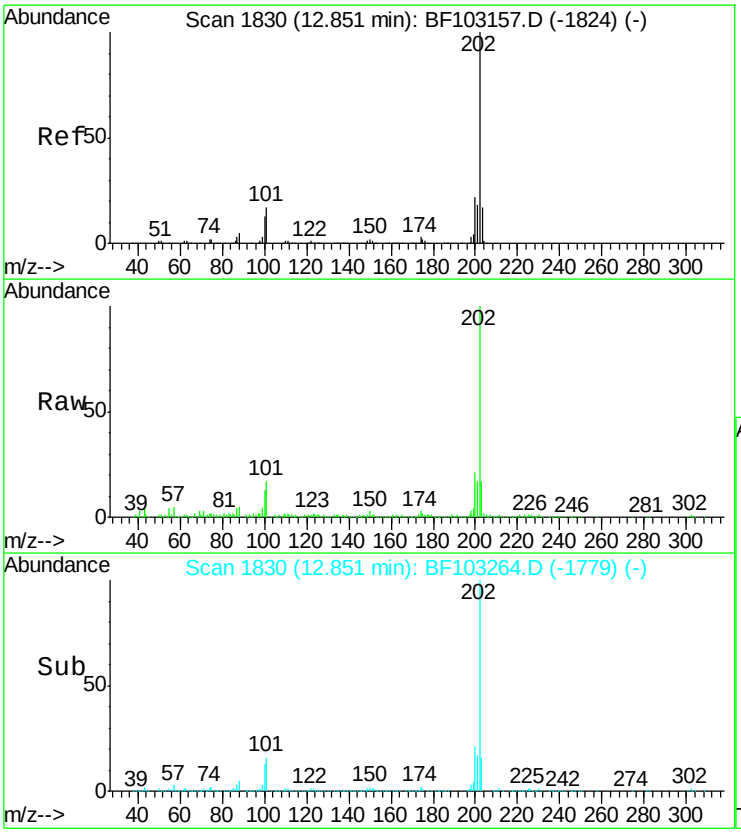
#75
Chrysene-d12
Concen: 20.000 ng
RT: 14.05 min Scan# 2034
Delta R.T. -0.00 min
Lab File: BF103264.D
Acq: 27 Feb 2018 15:48

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:240 Resp: 250761

Ion	Ratio	Lower	Upper
240	100		
120	16.0	9.5	14.3#
236	25.8	20.7	31.1

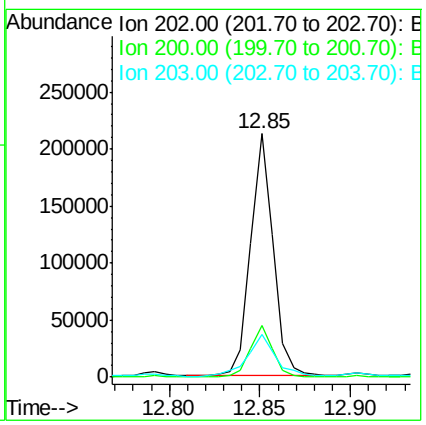


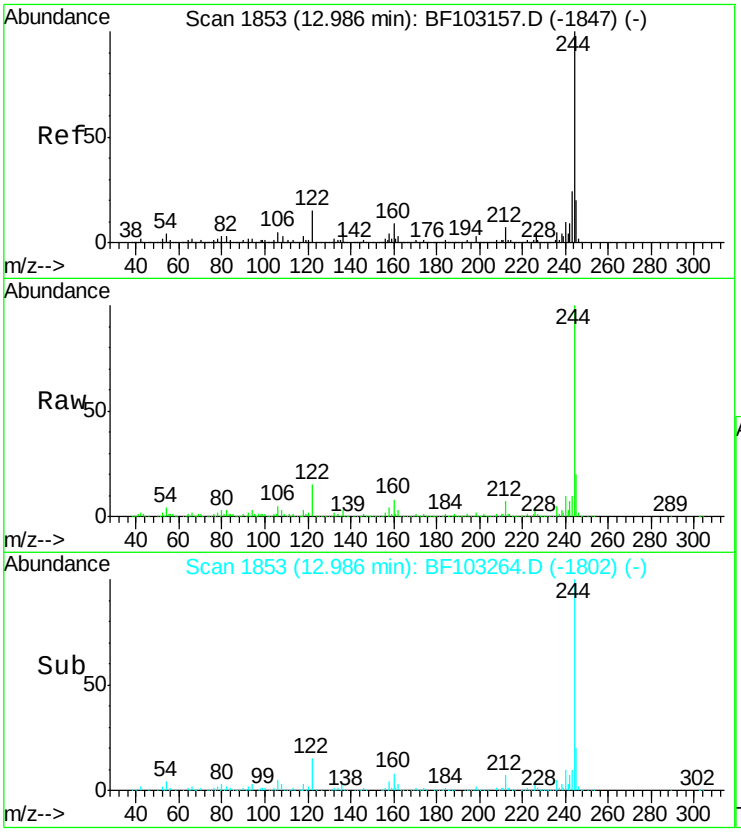


#77
Pyrene
Concen: 9.452 ng
RT: 12.85 min Scan# 1830
Delta R.T. -0.00 min
Lab File: BF103264.D
Acq: 27 Feb 2018 15:48

Tgt Ion:202 Resp: 184802

Ion	Ratio	Lower	Upper
202	100		
200	21.1	17.4	26.2
203	17.4	14.3	21.5



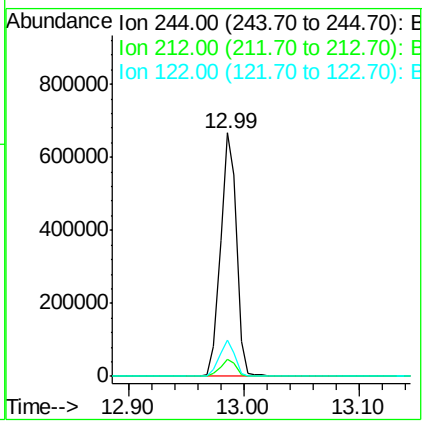


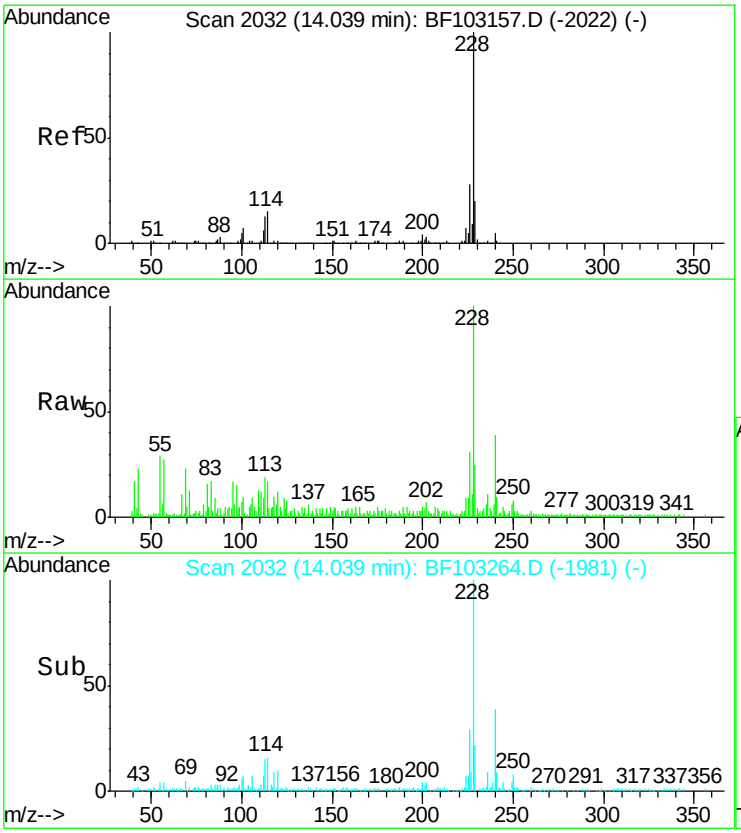
#78
Terphenyl-d14
Concen: 61.111 ng
RT: 12.99 min Scan# 1853
Delta R.T. -0.00 min
Lab File: BF103264.D
Acq: 27 Feb 2018 15:48

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:244 Resp: 637487

Ion	Ratio	Lower	Upper
244	100		
212	6.9	5.4	8.0
122	15.2	11.0	16.4

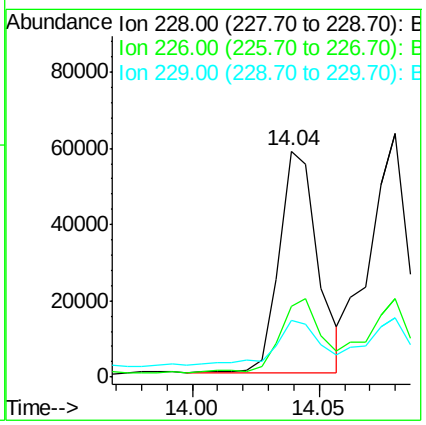


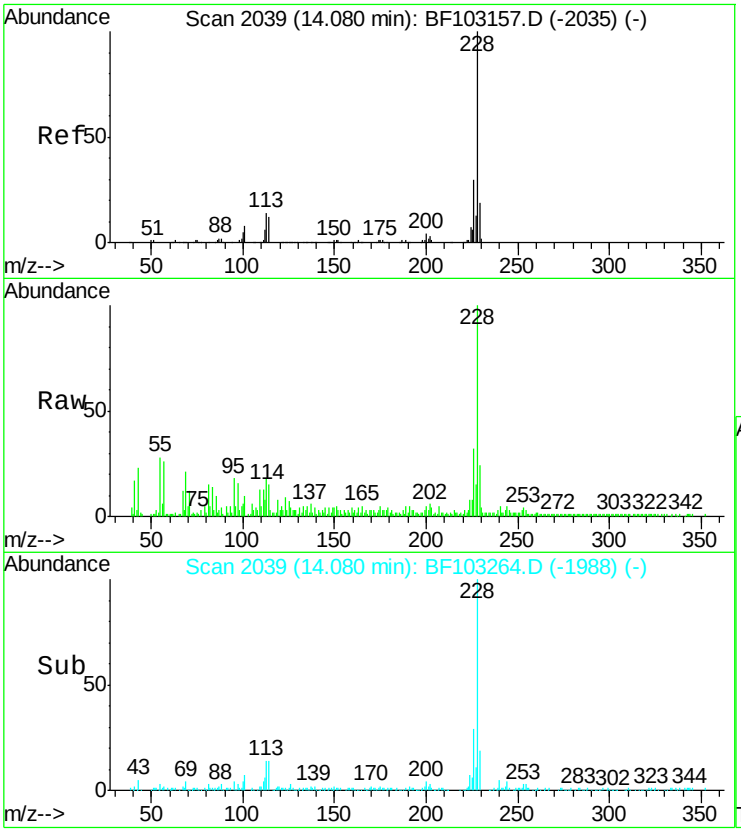


#80
Benzo(a)anthracene
Concen: 3.826 ng
RT: 14.04 min Scan# 2032
Delta R.T. -0.00 min
Lab File: BF103264.D
Acq: 27 Feb 2018 15:48

Tgt Ion:228 Resp: 62253

Ion	Ratio	Lower	Upper
228	100		
226	31.2	22.6	33.8
229	24.9	15.8	23.6#



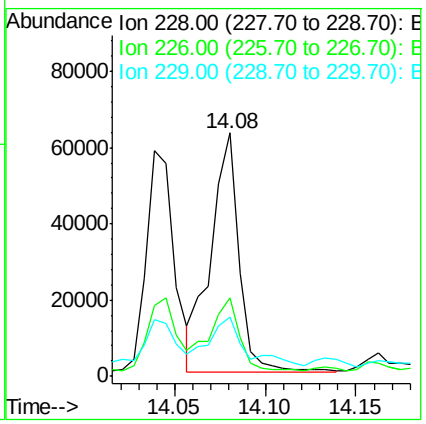


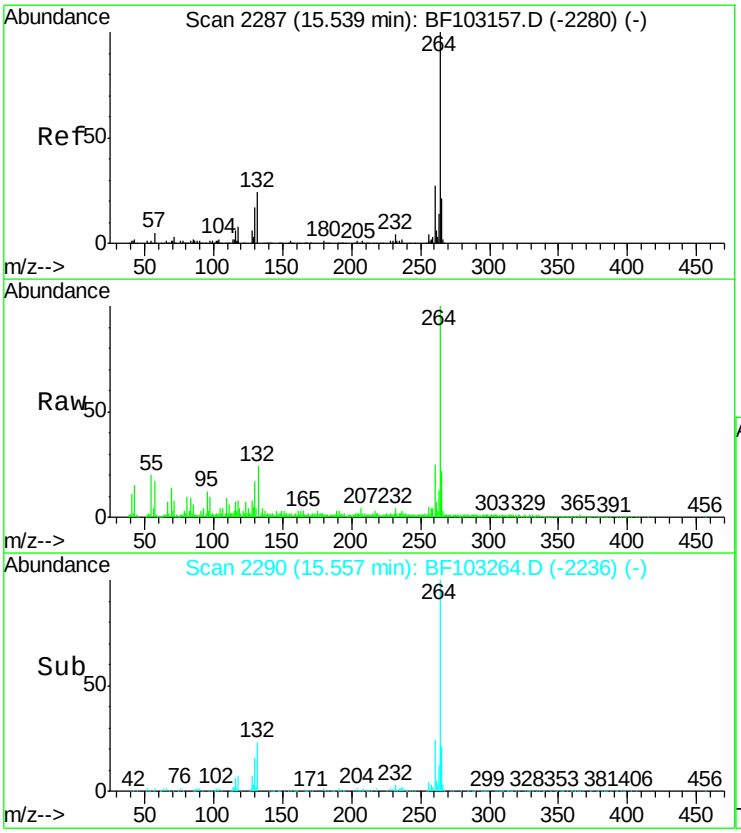
#82
Chrysene
Concen: 4.305 ng
RT: 14.08 min Scan# 2039
Delta R.T. -0.00 min
Lab File: BF103264.D
Acq: 27 Feb 2018 15:48

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:228 Resp: 68008

Ion	Ratio	Lower	Upper
228	100		
226	32.3	25.0	37.6
229	24.3	16.2	24.4

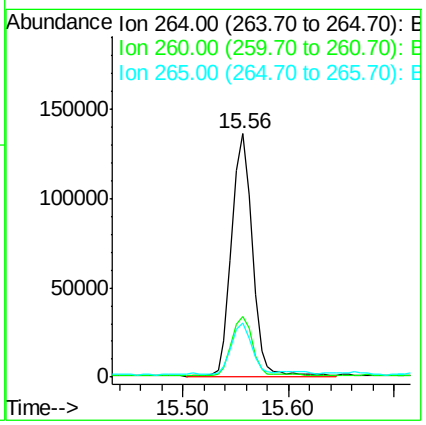


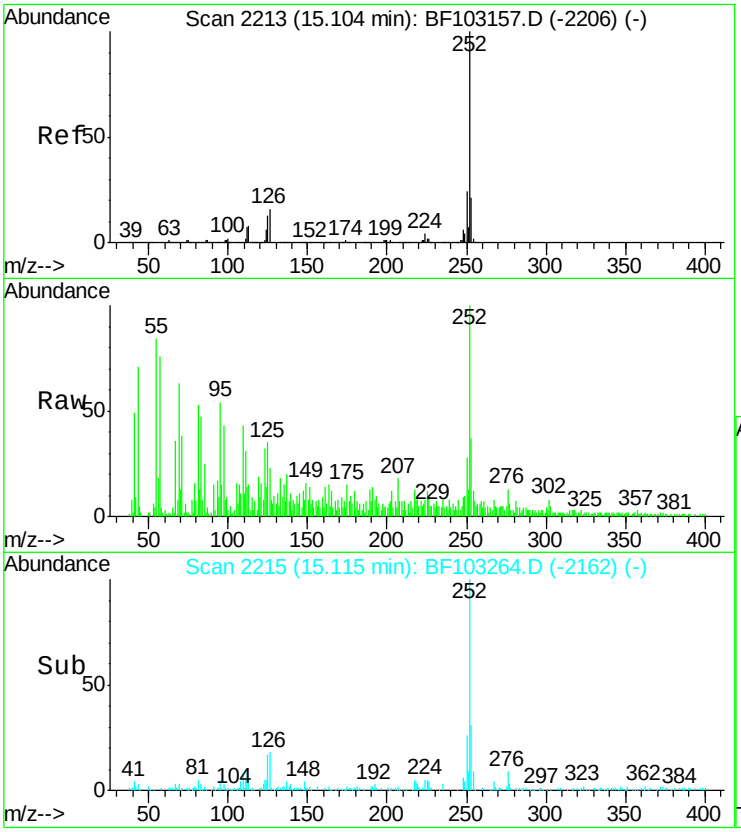


#86
Perylene-d12
Concen: 20.000 ng
RT: 15.56 min Scan# 2290
Delta R.T. 0.02 min
Lab File: BF103264.D
Acq: 27 Feb 2018 15:48

Tgt Ion:264 Resp: 184314

Ion	Ratio	Lower	Upper
264	100		
260	24.9	19.2	28.8
265	22.3	17.5	26.3



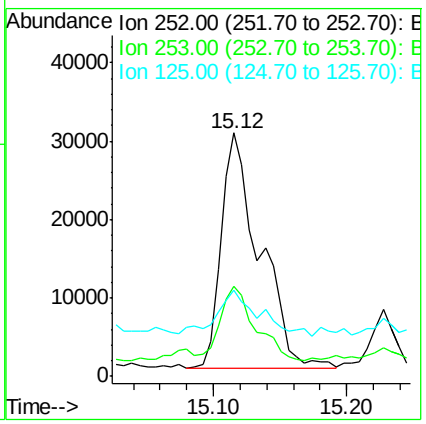


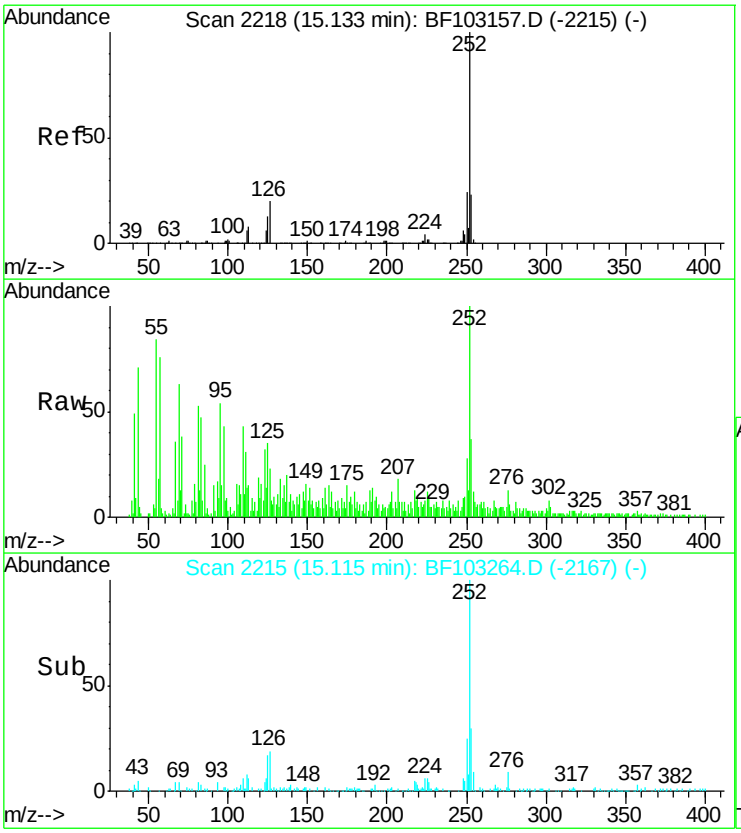
#87
Benzo(b)fluoranthene
Concen: 4.976 ng
RT: 15.12 min Scan# 2215
Delta R.T. 0.01 min
Lab File: BF103264.D
Acq: 27 Feb 2018 15:48

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:252 Resp: 60301

Ion	Ratio	Lower	Upper
252	100		
253	36.8	17.0	25.6#
125	35.3	9.0	13.6#

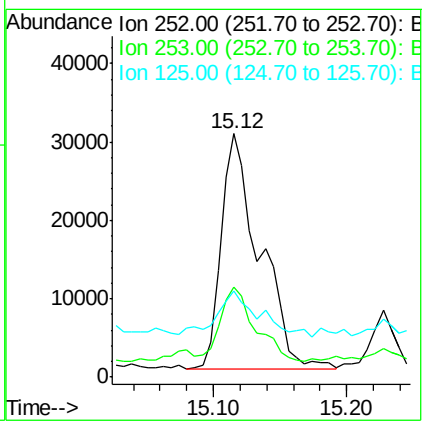


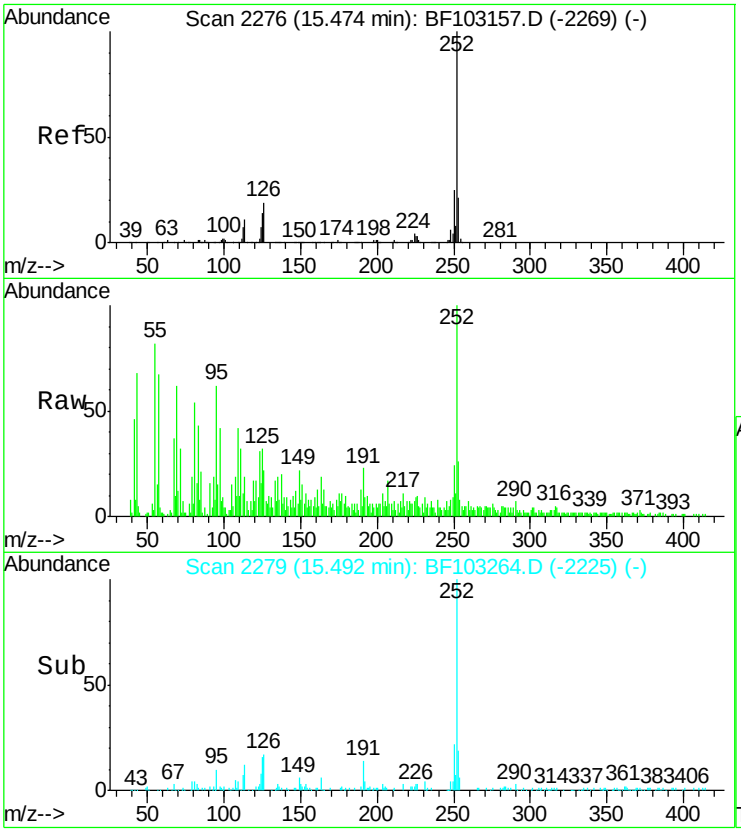


#88
Benzo(k)fluoranthene
Concen: 5.284 ng
RT: 15.12 min Scan# 2215
Delta R.T. -0.02 min
Lab File: BF103264.D
Acq: 27 Feb 2018 15:48

Tgt Ion:252 Resp: 60301

Ion	Ratio	Lower	Upper
252	100		
253	36.8	17.9	26.9#
125	35.3	10.2	15.2#



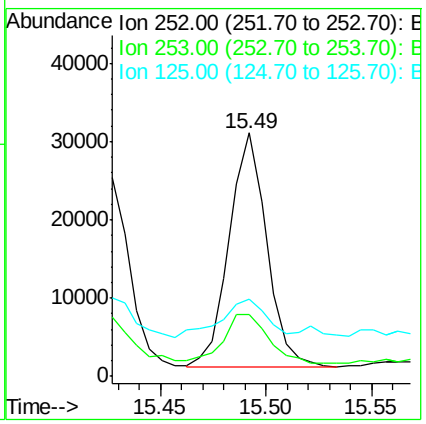


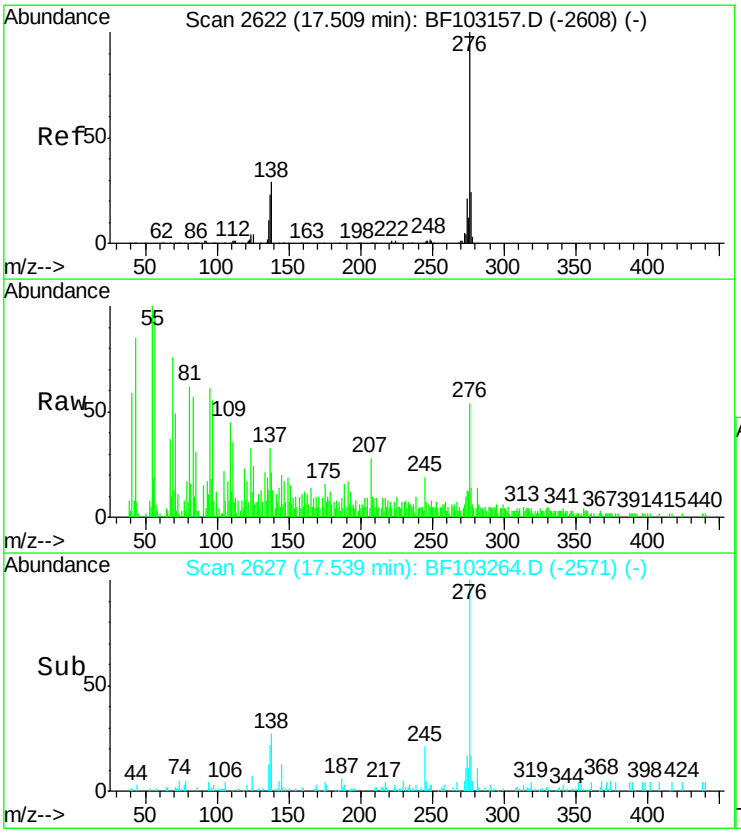
#89
Benzo(a)pyrene
Concen: 3.401 ng
RT: 15.49 min Scan# 2279
Delta R.T. 0.02 min
Lab File: BF103264.D
Acq: 27 Feb 2018 15:48

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:252 Resp: 36805

Ion	Ratio	Lower	Upper
252	100		
253	25.6	17.1	25.7
125	31.7	9.8	14.6#





#91
Benzo(g,h,i)perylene
Concen: 2.268 ng
RT: 17.54 min Scan# 2627
Delta R.T. 0.03 min
Lab File: BF103264.D
Acq: 27 Feb 2018 15:48

Tgt Ion:276 Resp: 18538

Ion	Ratio	Lower	Upper
276	100		
277	26.9	17.9	26.9#
138	39.2	21.8	32.8#