Quantitation Report (Not Reviewed)

Data Path : \\74.0.250.170\SVOASRV\HPCHEM1\BNA F\DATA\BF030518\
Data File : BF103405.D
Acq On : 5 Mar 2018 13:17
Operator : SJ/JU
Sample : J1751-01
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId :

Quant Time: Mar 05 13:58:25 2018
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF022218.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Mar 05 13:40:47 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.87	152	138195	20.00	ng		0.00
21) Naphthalene-d8	8.16	136	564286	20.00	ng		0.00
38) Acenaphthene-d10	9.91	164	236248	20.00	ng		0.00
63) Phenanthrene-d10	11.40	188	337390	20.00	ng		0.00
75) Chrysene-d12	14.06	240	244036	20.00	ng		0.00
86) Perylene-d12	15.58	264	208820	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.50	112	840231	91.96	ng		0.00
7) Phenol-d6	6.52	99	1028229	91.96	ng		0.00
23) Nitrobenzene-d5	7.44	82	625180	63.27	ng		0.00
41) 2,4,6-Tribromophenol	10.71	330	143390	71.71	ng		0.00
44) 2-Fluorobiphenyl	9.23	172	853760	57.50	ng		0.00
78) Terphenyl-d14	12.99	244	543287	53.52	ng		0.00
Target Compounds							Qvalue
9) Benzaldehyde	6.52	77	2308	Below Cal		#	1
10) Phenol	6.53	94	41977	3.234	ng	#	59
19) n-Nitroso-di-n-propylamine	7.44	70	86739	12.465	ng	#	83
25) Isophorone	7.44	82	624992	32.116	ng	#	64
32) Benzoic acid	8.15	122	114	6.931	ng	#	1
49) Dimethylphthalate	9.62	163	271932	14.348	ng		99
56) 2,4-Dinitrotoluene	9.91	165	33404	6.641	ng	#	24
64) 4,6-Dinitro-2-methylphenol	10.71	198	652	5.230	ng	#	1
66) 4-Bromophenyl-phenylether	10.71	248	10173	2.894	ng	#	1
70) Phenanthrene	11.43	178	67720	3.647	ng		99
74) Fluoranthene	12.63	202	118297	6.340	ng		97
77) Pyrene	12.86	202	111012	5.835	ng		98
80) Benzo(a)anthracene	14.05	228	52236	3.299	ng		96
82) Chrysene	14.05	228	52236	3.398	ng		94
87) Benzo(b)fluoranthene	15.13	252	73327	5.341	ng	#	81
88) Benzo(k)fluoranthene	15.13	252	73327	5.672	ng	#	84
89) Benzo(a)pyrene	15.52	252	36368	2.966	ng	#	79

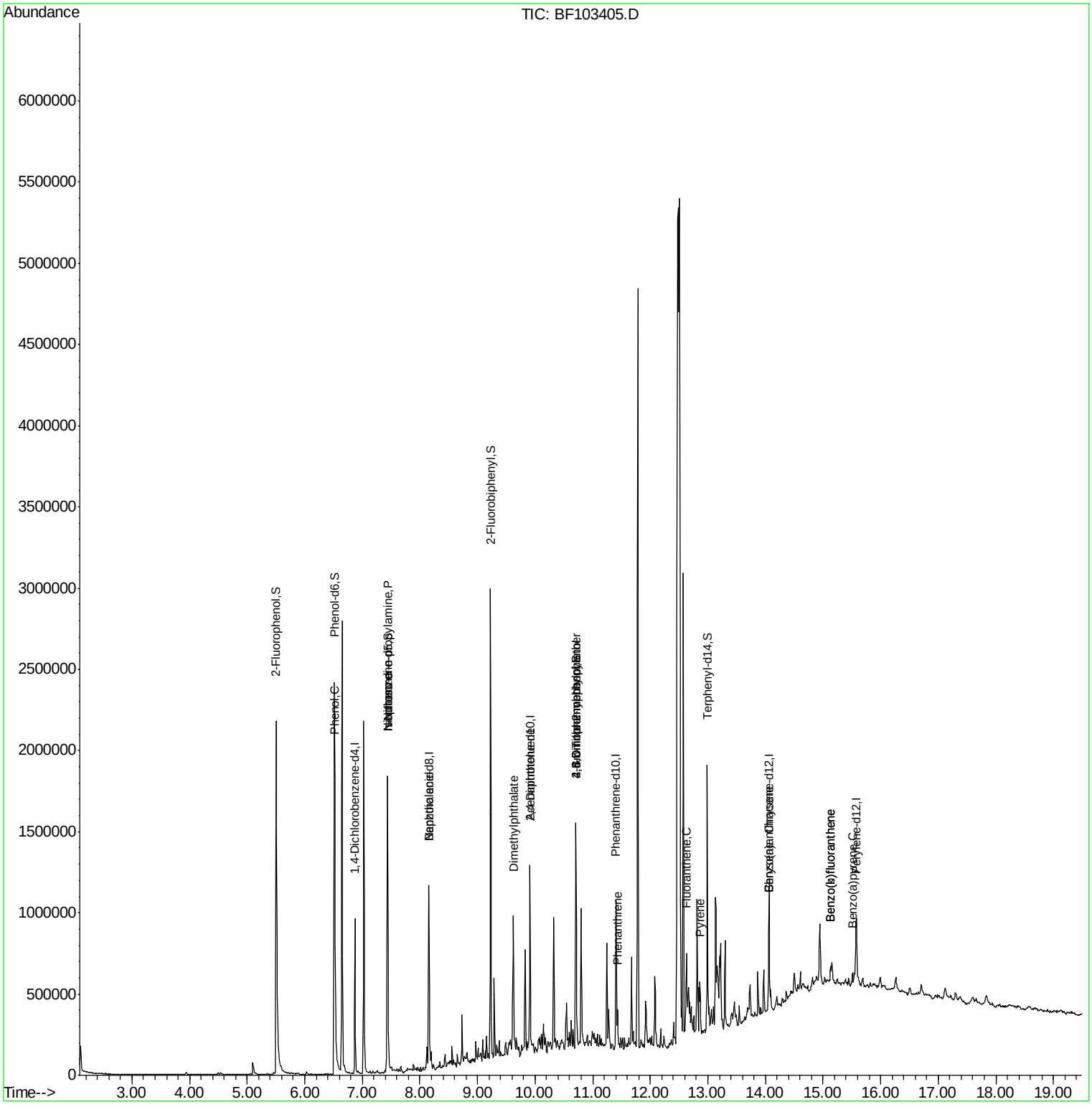
(#) = qualifier out of range (m) = manual integration (+) = signals summed

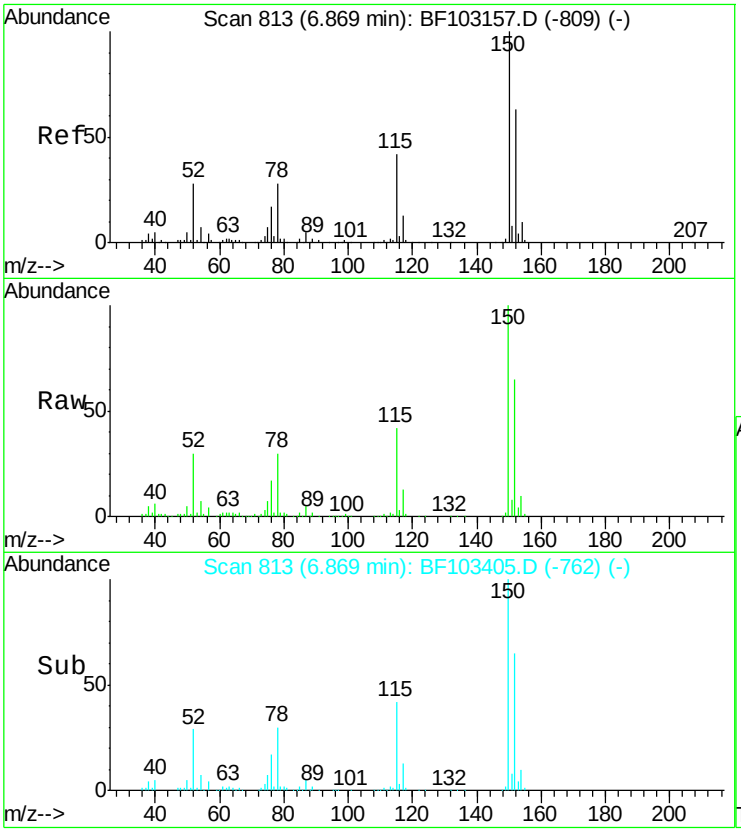
Quantitation Report (Not Reviewed)

Data Path : \\74.0.250.170\SVOASRV\HPCHEM1\BNA F\DATA\BF030518\
Data File : BF103405.D
Acq On : 5 Mar 2018 13:17
Operator : SJ/JU
Sample : J1751-01
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :

Quant Time: Mar 05 13:58:25 2018
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF022218.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Mar 05 13:40:47 2018
Response via : Initial Calibration



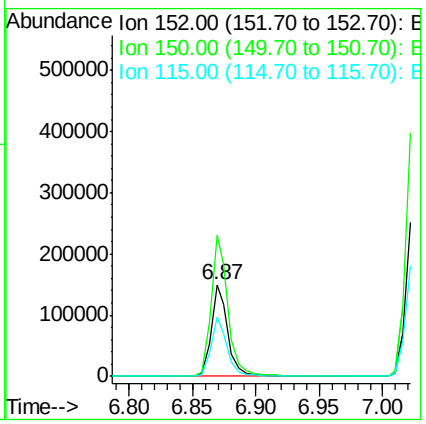


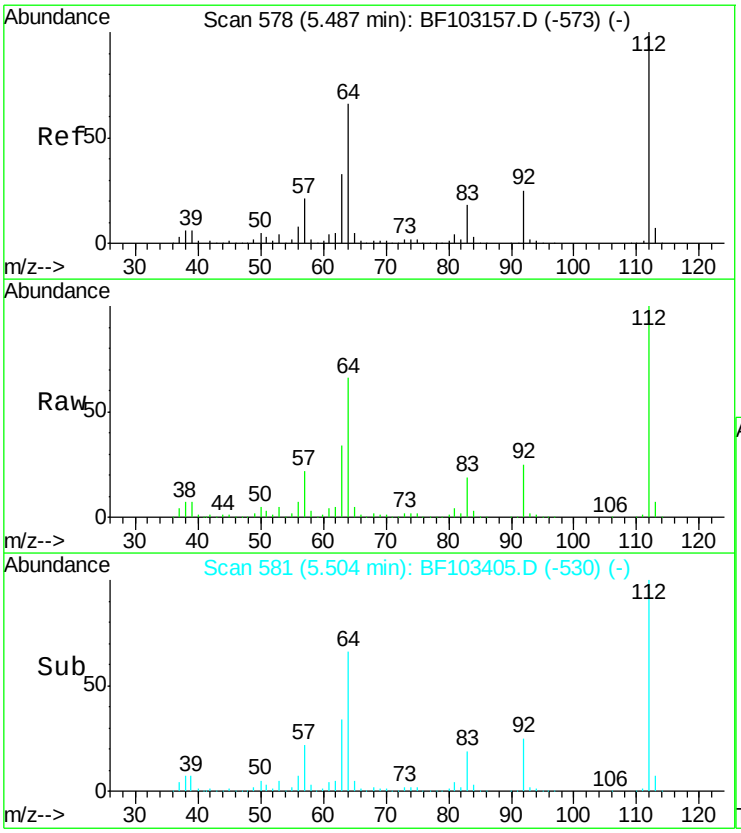
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.87 min Scan# 813
Delta R.T. 0.00 min
Lab File: BF103405.D
Acq: 5 Mar 2018 13:17

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:152 Resp: 138195

Ion	Ratio	Lower	Upper
152	100		
150	154.8	124.6	186.8
115	64.5	50.1	75.1

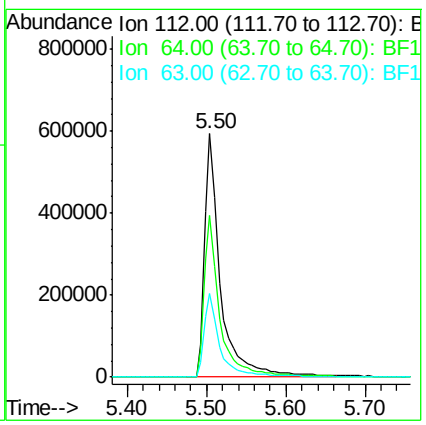


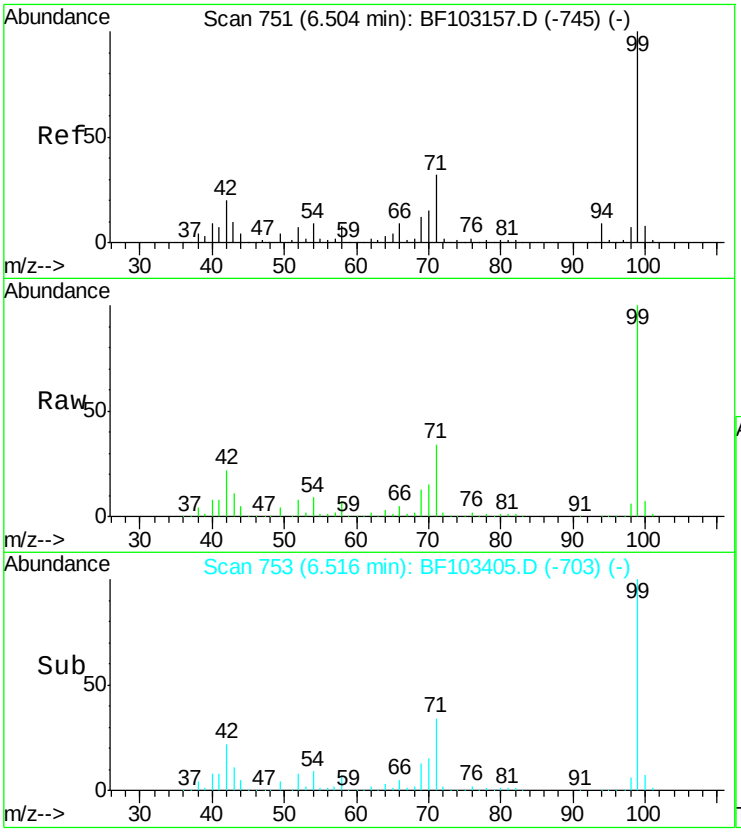


#5
2-Fluorophenol
Concen: 91.956 ng
RT: 5.50 min Scan# 581
Delta R.T. 0.00 min
Lab File: BF103405.D
Acq: 5 Mar 2018 13:17

Tgt Ion:112 Resp: 840231

Ion	Ratio	Lower	Upper
112	100		
64	66.2	47.9	71.9
63	34.2	23.7	35.5



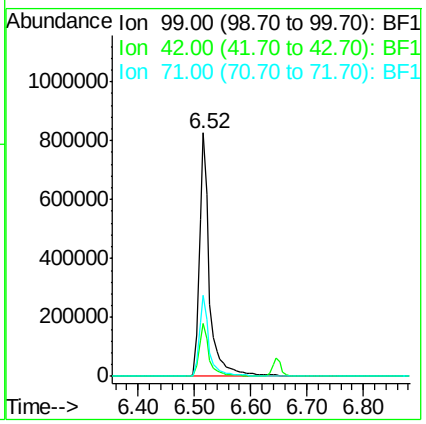


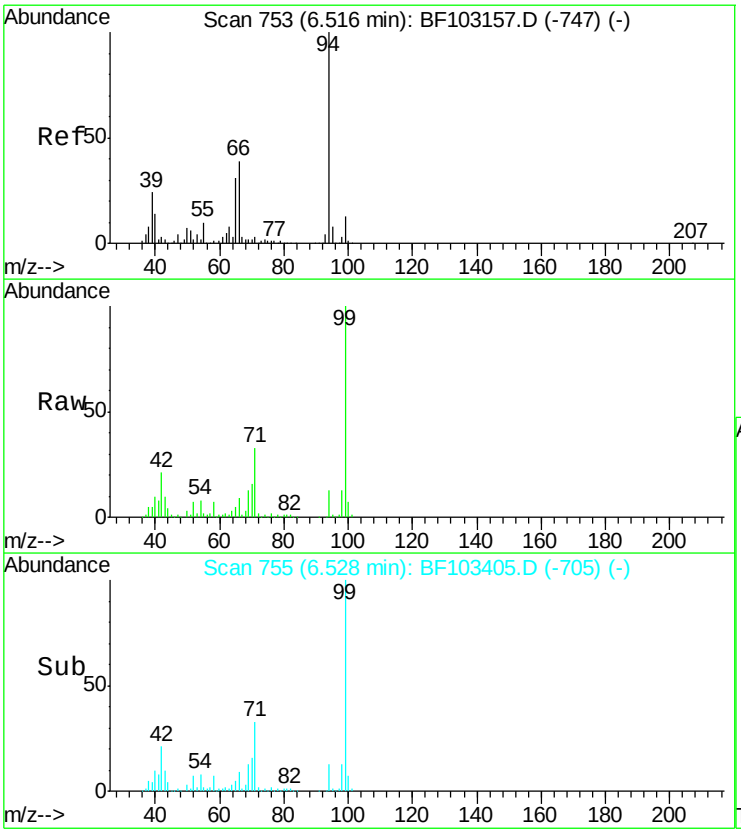
#7
Phenol-d6
Concen: 91.963 ng
RT: 6.52 min Scan# 753
Delta R.T. -0.01 min
Lab File: BF103405.D
Acq: 5 Mar 2018 13:17

Instrument :
BNA_F
ClientSampleId :

Tgt Ion: 99 Resp: 1028229

Ion	Ratio	Lower	Upper
99	100		
42	21.6	14.5	21.7
71	33.5	25.4	38.0

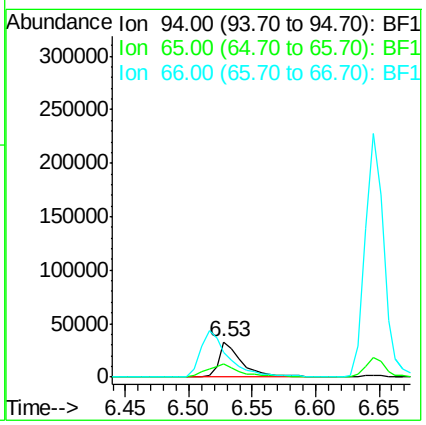


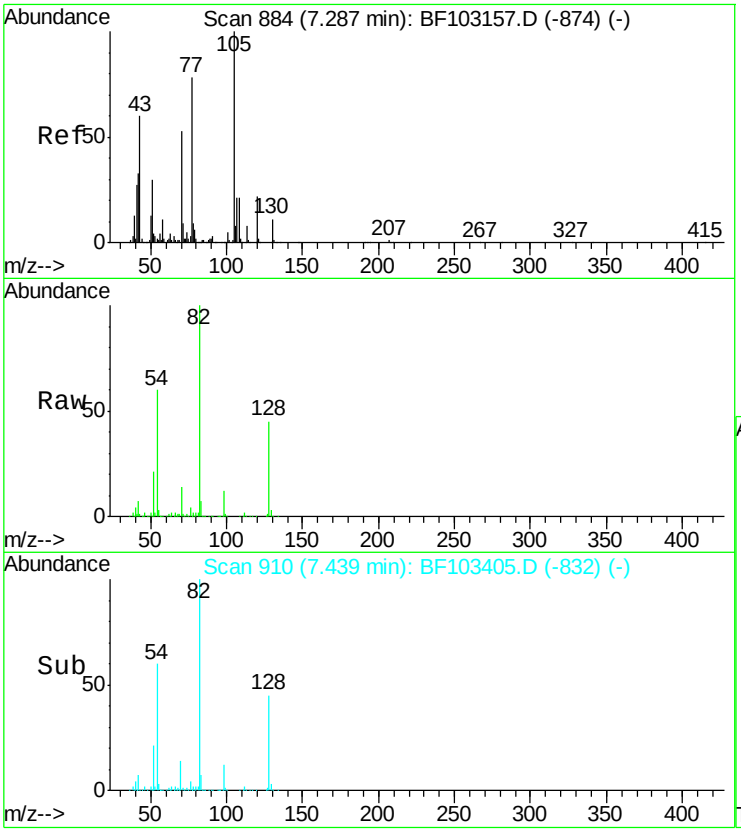


#10
Phenol
Concen: 3.234 ng
RT: 6.53 min Scan# 755
Delta R.T. -0.01 min
Lab File: BF103405.D
Acq: 5 Mar 2018 13:17

Tgt Ion: 94 Resp: 41977

Ion	Ratio	Lower	Upper
94	100		
65	37.6	7.9	47.9
66	70.5	16.2	56.2#



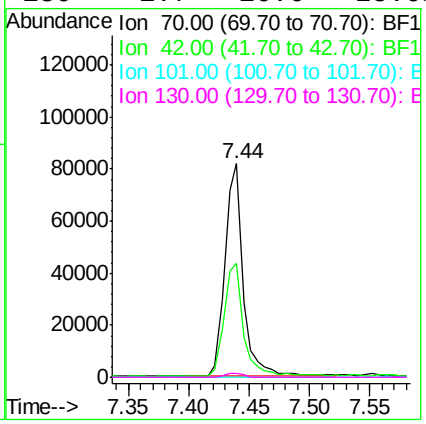


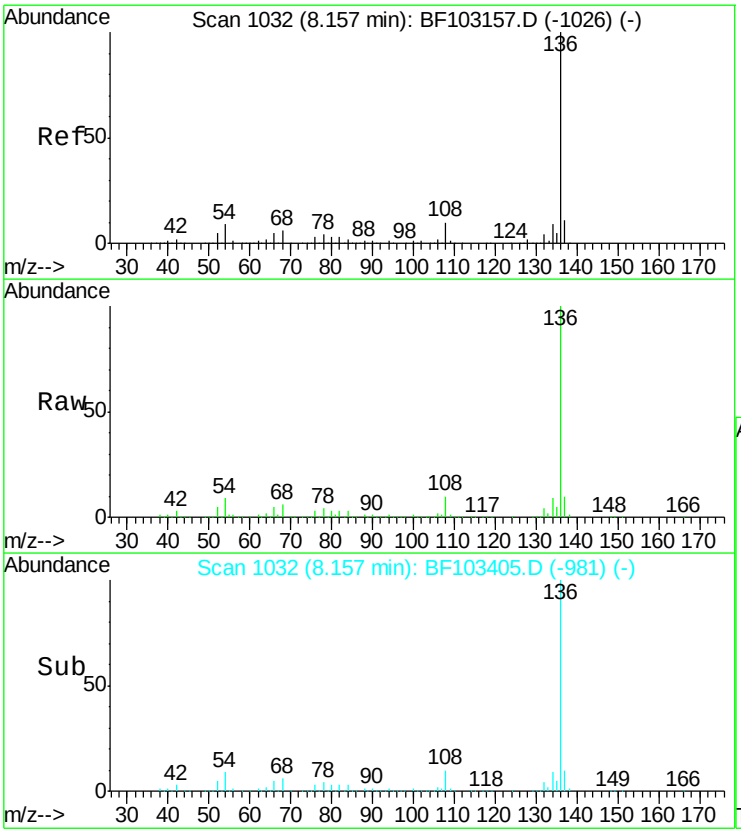
#19
n-Nitroso-di-n-propylamine
Concen: 12.465 ng
RT: 7.44 min Scan# 910
Delta R.T. 0.16 min
Lab File: BF103405.D
Acq: 5 Mar 2018 13:17

Instrument :
BNA_F
ClientSampleId :

Tgt Ion: 70 Resp: 86739

Ion	Ratio	Lower	Upper
70	100		
42	53.5	47.5	71.3
101	0.0	7.4	11.2#
130	1.7	16.6	25.0#

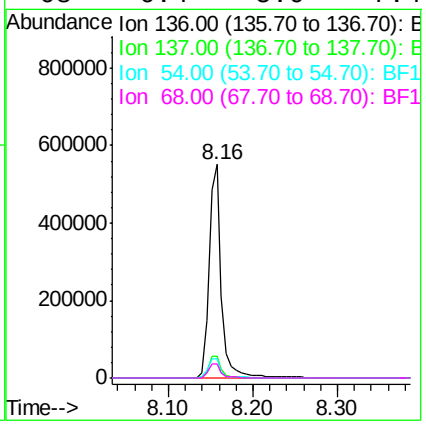


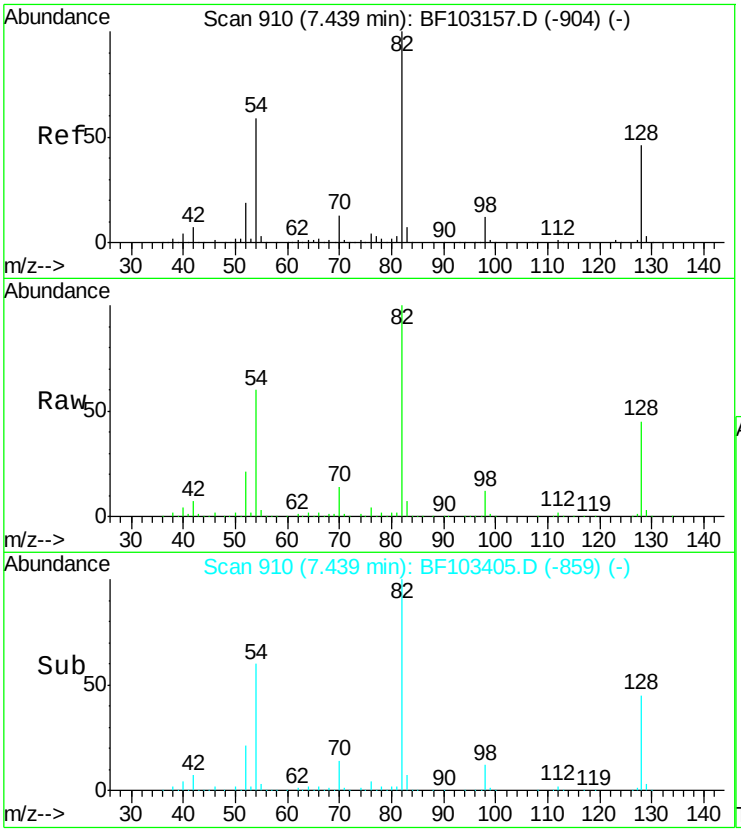


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.16 min Scan# 1032
Delta R.T. 0.00 min
Lab File: BF103405.D
Acq: 5 Mar 2018 13:17

Tgt Ion:136 Resp: 564286

Ion	Ratio	Lower	Upper
136	100		
137	10.3	8.9	13.3
54	8.8	6.6	9.8
68	6.4	5.0	7.4



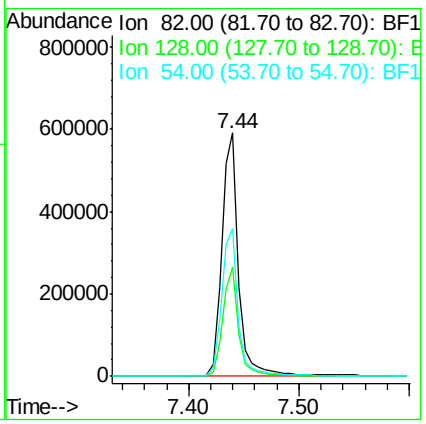


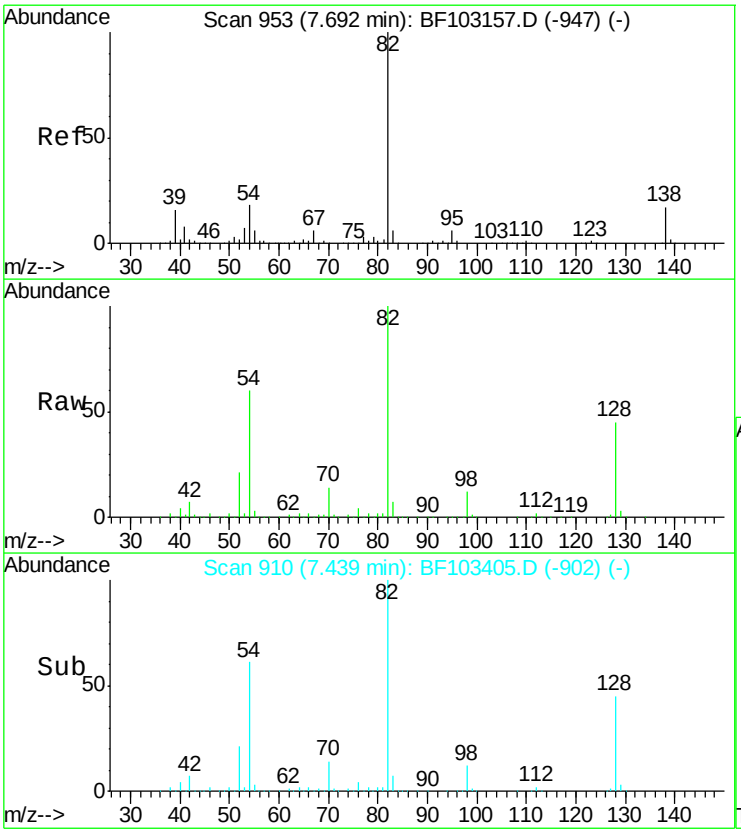
#23
Nitrobenzene-d5
Concen: 63.271 ng
RT: 7.44 min Scan# 910
Delta R.T. 0.00 min
Lab File: BF103405.D
Acq: 5 Mar 2018 13:17

Instrument :
BNA_F
ClientSampleId :

Tgt Ion: 82 Resp: 625180

Ion	Ratio	Lower	Upper
82	100		
128	44.9	36.1	54.1
54	60.5	41.4	62.2

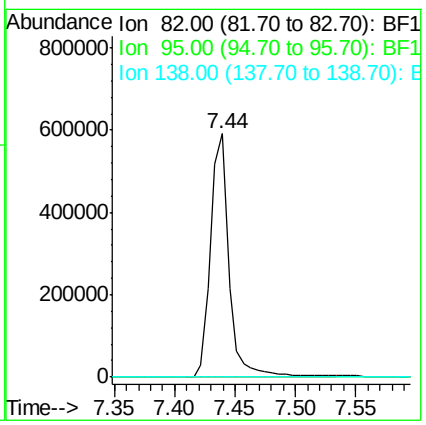


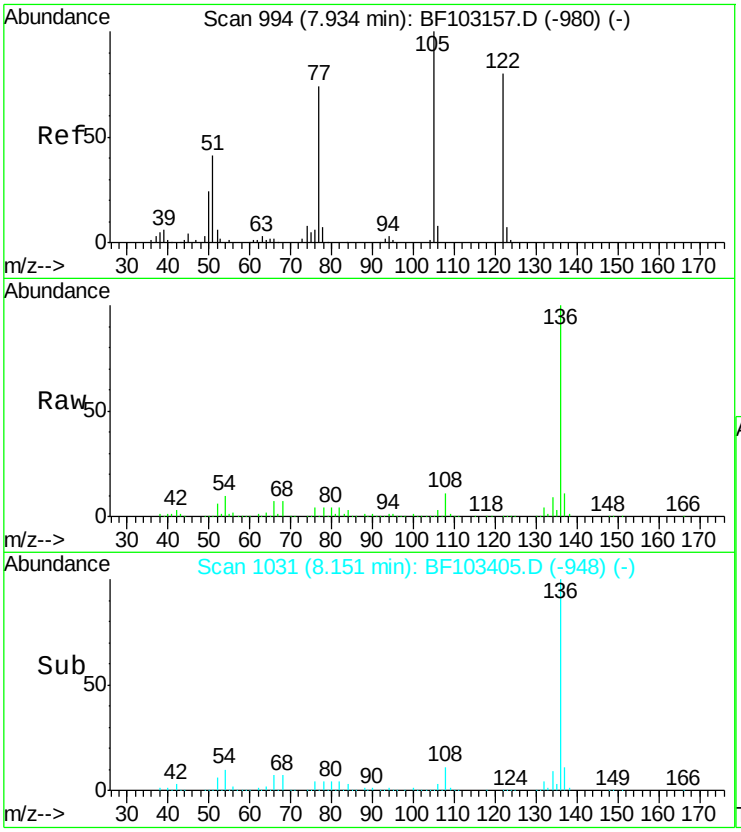


#25
Isophorone
Concen: 32.116 ng
RT: 7.44 min Scan# 910
Delta R.T. -0.25 min
Lab File: BF103405.D
Acq: 5 Mar 2018 13:17

Tgt Ion: 82 Resp: 624992

Ion	Ratio	Lower	Upper
82	100		
95	0.1	5.2	7.8#
138	0.0	14.9	22.3#



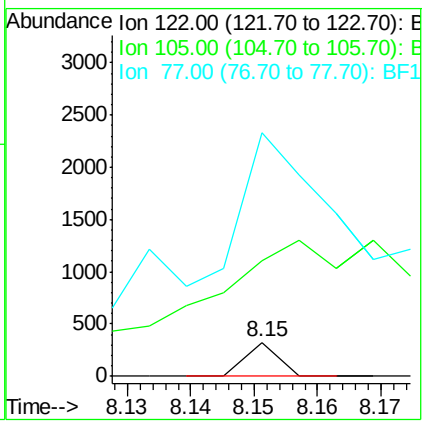


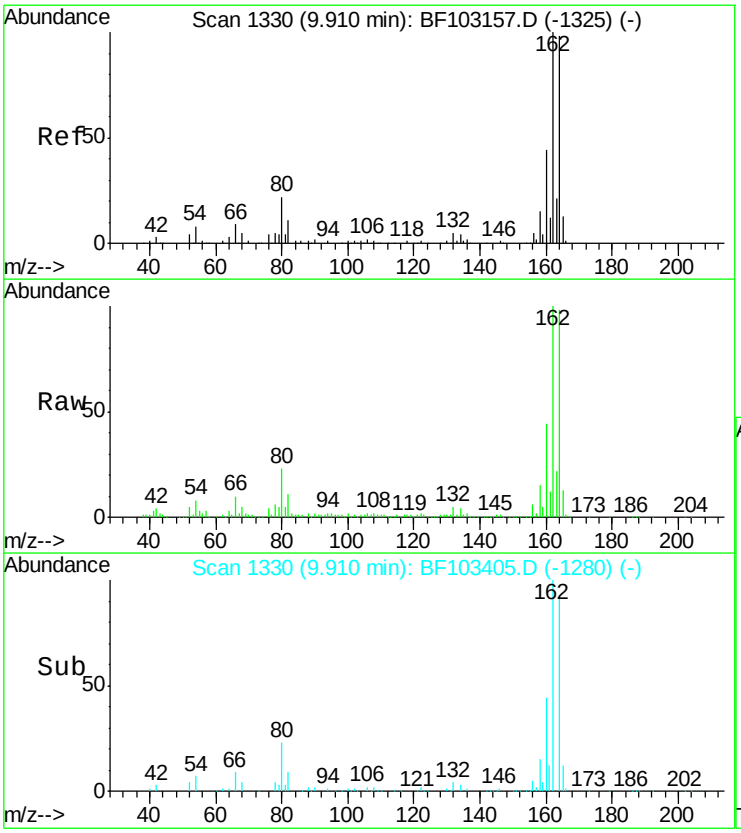
#32
Benzoic acid
Concen: 6.931 ng
RT: 8.15 min Scan# 1031
Delta R.T. 0.19 min
Lab File: BF103405.D
Acq: 5 Mar 2018 13:17

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:122 Resp: 114

Ion	Ratio	Lower	Upper
122	100		
105	339.5	101.1	141.1#
77	718.8	70.7	110.7#

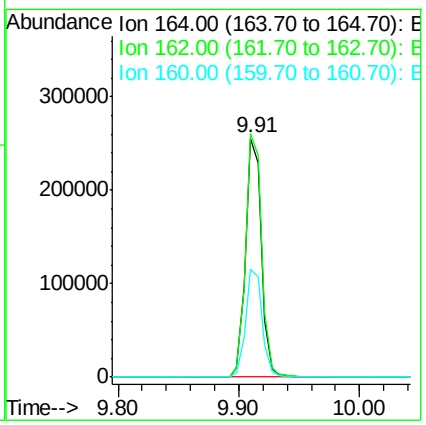


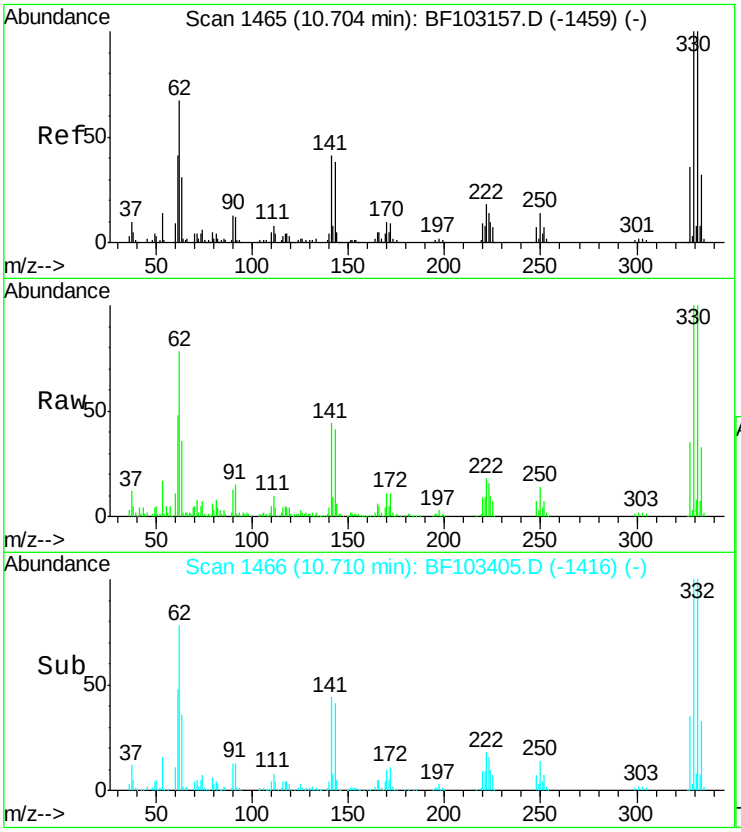


#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.91 min Scan# 1330
Delta R.T. -0.01 min
Lab File: BF103405.D
Acq: 5 Mar 2018 13:17

Tgt Ion:164 Resp: 236248

Ion	Ratio	Lower	Upper
164	100		
162	102.0	86.1	129.1
160	45.0	38.3	57.5



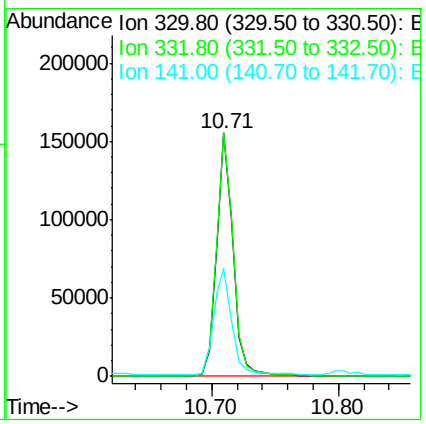


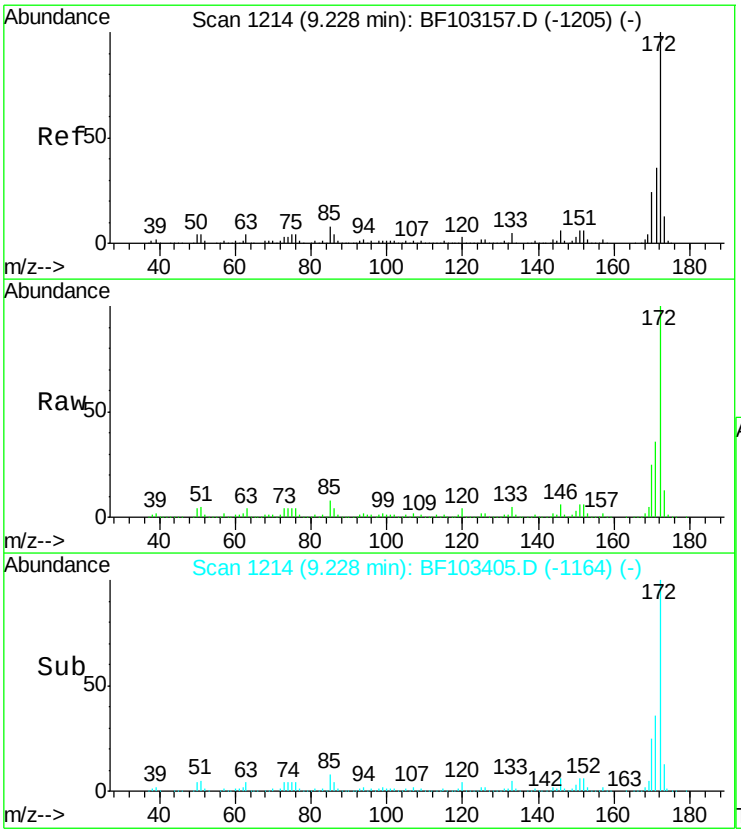
#41
2,4,6-Tribromophenol
Concen: 71.705 ng
RT: 10.71 min Scan# 1466
Delta R.T. -0.01 min
Lab File: BF103405.D
Acq: 5 Mar 2018 13:17

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:330 Resp: 143390

Ion	Ratio	Lower	Upper
330	100		
332	102.2	77.0	115.6
141	48.4	29.9	44.9#

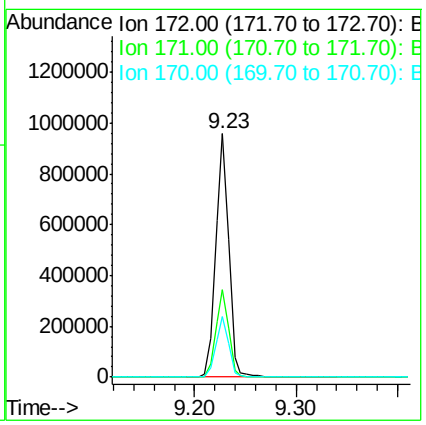


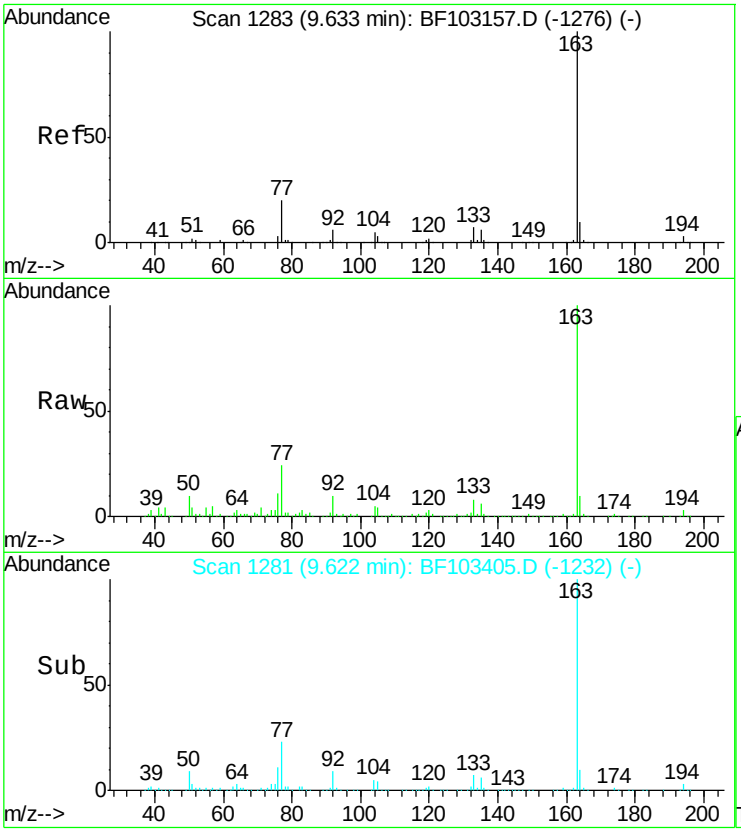


#44
2-Fluorobiphenyl
Concen: 57.501 ng
RT: 9.23 min Scan# 1214
Delta R.T. -0.01 min
Lab File: BF103405.D
Acq: 5 Mar 2018 13:17

Tgt Ion:172 Resp: 853760

Ion	Ratio	Lower	Upper
172	100		
171	35.7	29.7	44.5
170	24.9	19.6	29.4



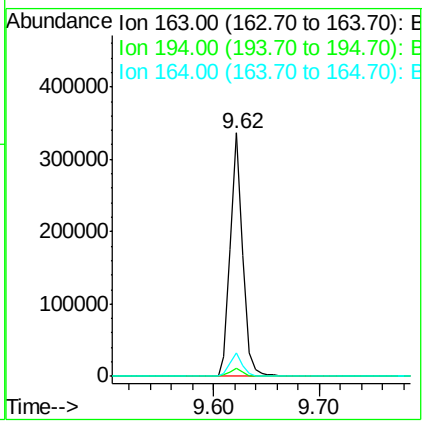


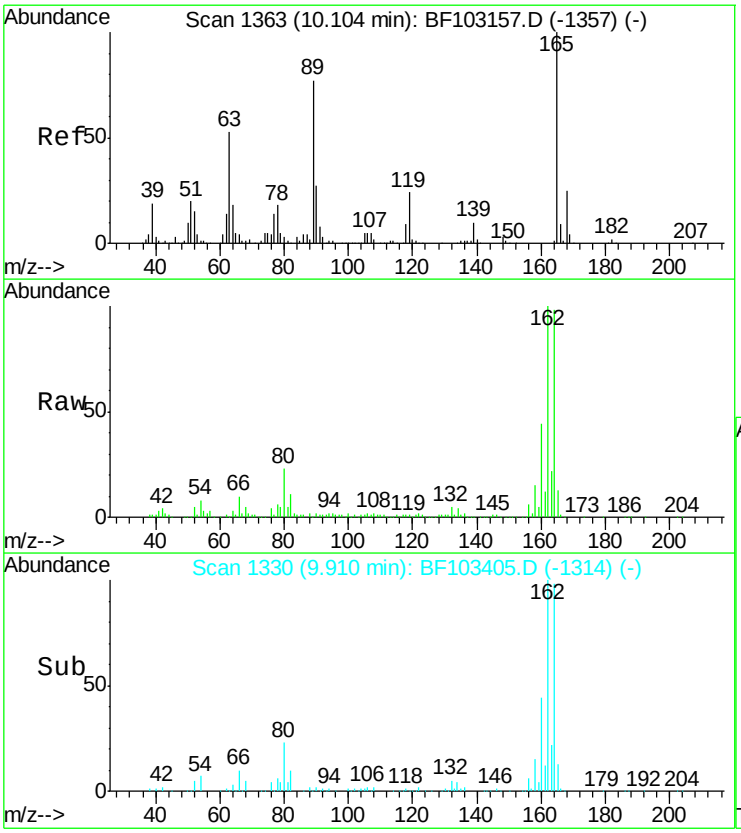
#49
Dimethylphthalate
Concen: 14.348 ng
RT: 9.62 min Scan# 1281
Delta R.T. -0.01 min
Lab File: BF103405.D
Acq: 5 Mar 2018 13:17

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:163 Resp: 271932

Ion	Ratio	Lower	Upper
163	100		
194	3.3	2.7	4.1
164	9.8	8.2	12.2

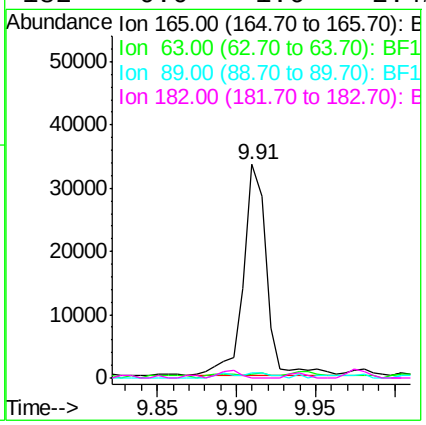


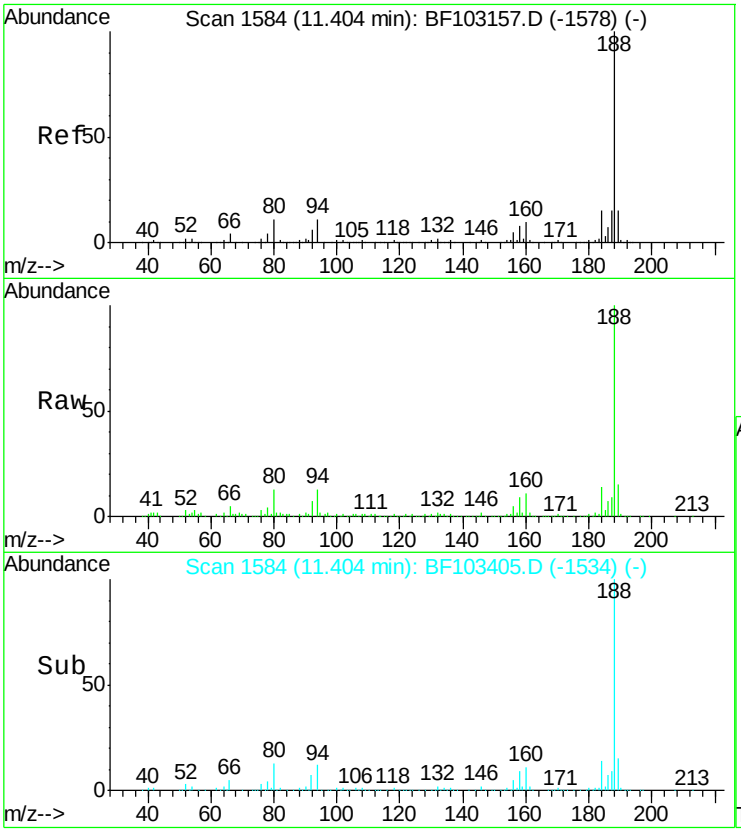


#56
2,4-Dinitrotoluene
Concen: 6.641 ng
RT: 9.91 min Scan# 1330
Delta R.T. -0.21 min
Lab File: BF103405.D
Acq: 5 Mar 2018 13:17

Tgt Ion:165 Resp: 33404

Ion	Ratio	Lower	Upper
165	100		
63	1.9	36.4	54.6#
89	2.3	57.8	86.6#
182	0.0	1.6	2.4#



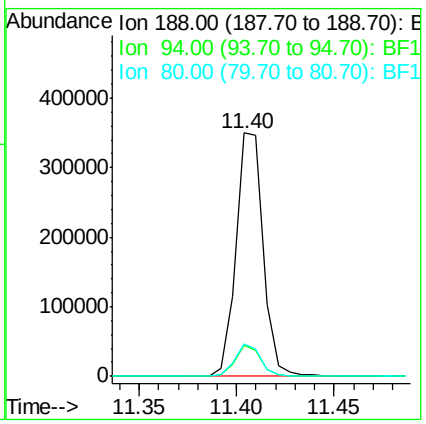


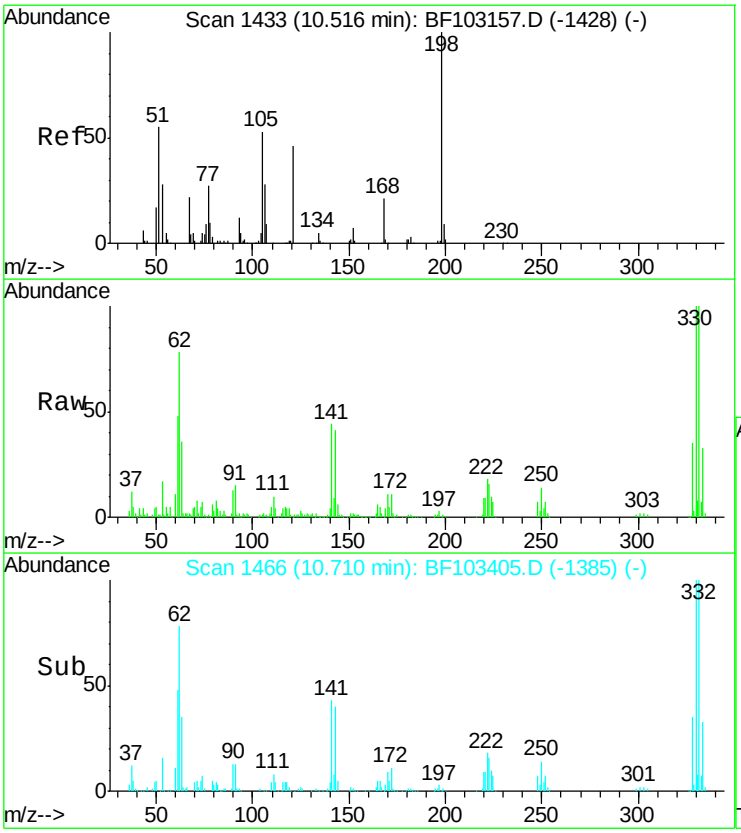
#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.40 min Scan# 1584
Delta R.T. -0.01 min
Lab File: BF103405.D
Acq: 5 Mar 2018 13:17

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:188 Resp: 337390

Ion	Ratio	Lower	Upper
188	100		
94	12.6	8.5	12.7
80	13.4	9.2	13.8

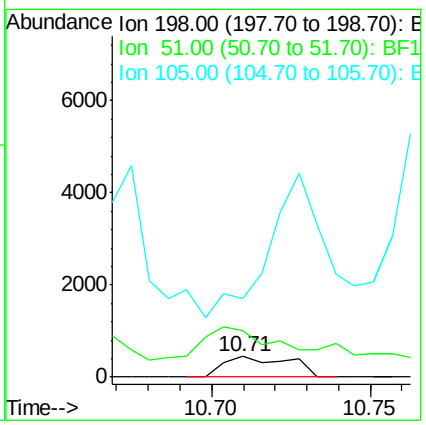


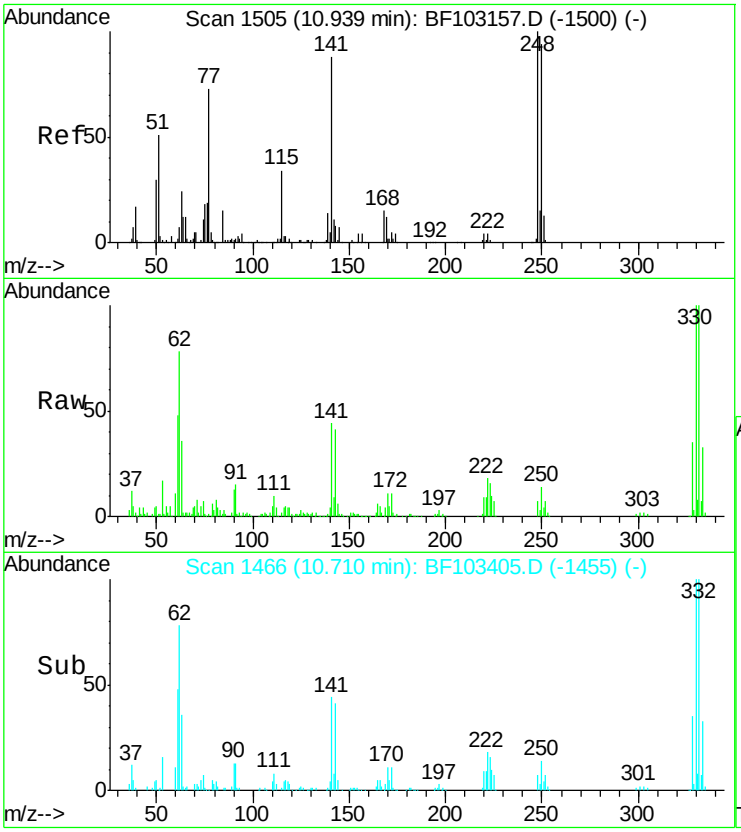


#64
4,6-Dinitro-2-methylphenol
Concen: 5.230 ng
RT: 10.71 min Scan# 1466
Delta R.T. 0.18 min
Lab File: BF103405.D
Acq: 5 Mar 2018 13:17

Tgt Ion:198 Resp: 652

Ion	Ratio	Lower	Upper
198	100		
51	224.6	37.7	77.7#
105	380.6	36.3	76.3#



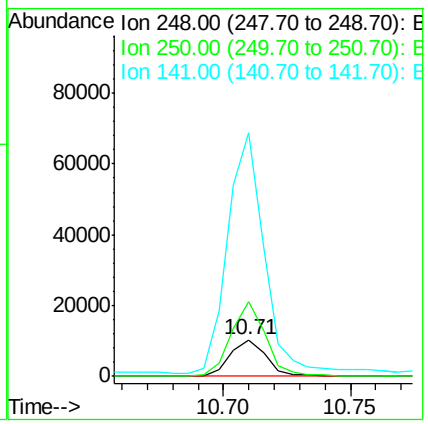


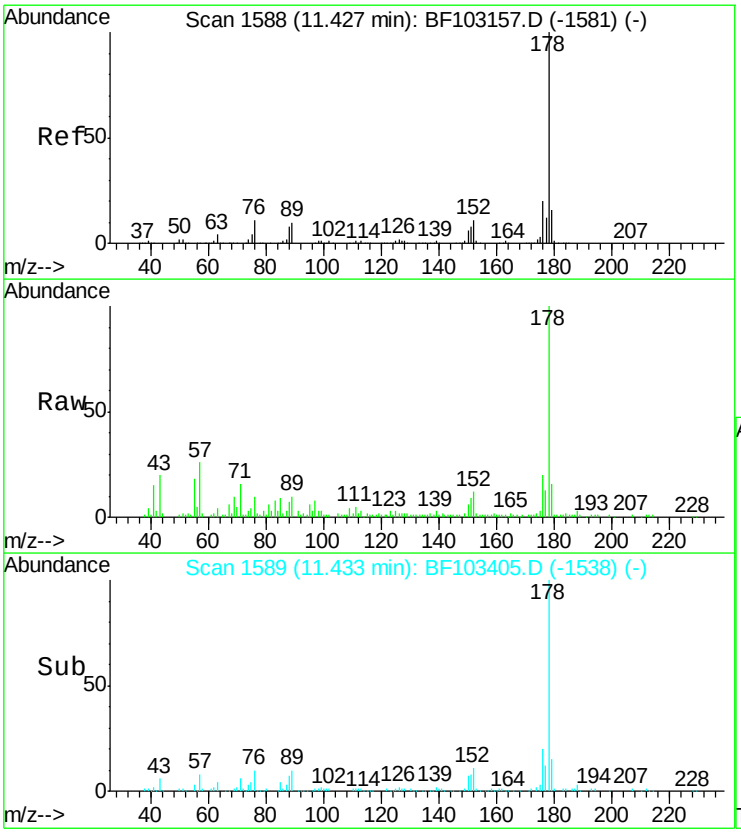
#66
4-Bromophenyl-phenylether
Concen: 2.894 ng
RT: 10.71 min Scan# 1466
Delta R.T. -0.24 min
Lab File: BF103405.D
Acq: 5 Mar 2018 13:17

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:248 Resp: 10173

Ion	Ratio	Lower	Upper
248	100		
250	203.6	76.9	115.3#
141	663.2	74.4	111.6#

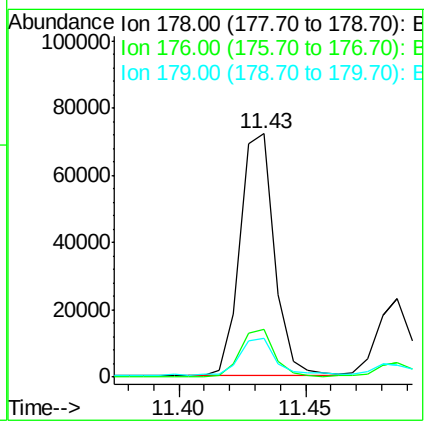


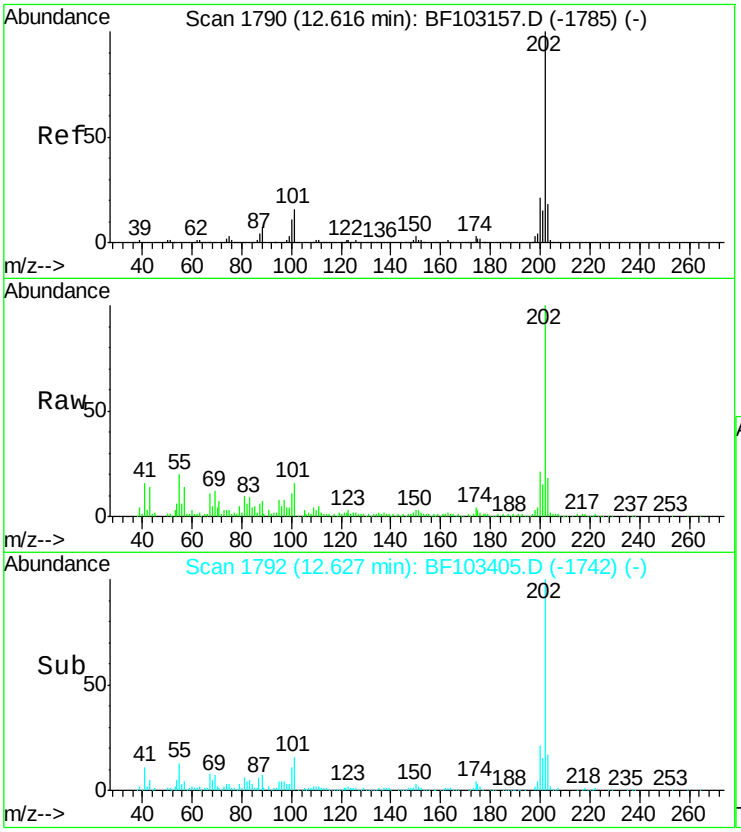


#70
Phenanthrene
Concen: 3.647 ng
RT: 11.43 min Scan# 1589
Delta R.T. 0.00 min
Lab File: BF103405.D
Acq: 5 Mar 2018 13:17

Tgt Ion:178 Resp: 67720

Ion	Ratio	Lower	Upper
178	100		
176	19.9	15.8	23.8
179	15.9	13.0	19.6



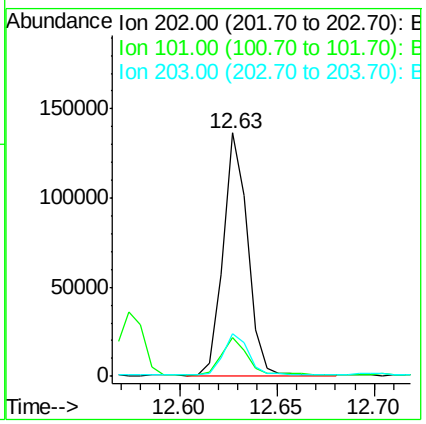


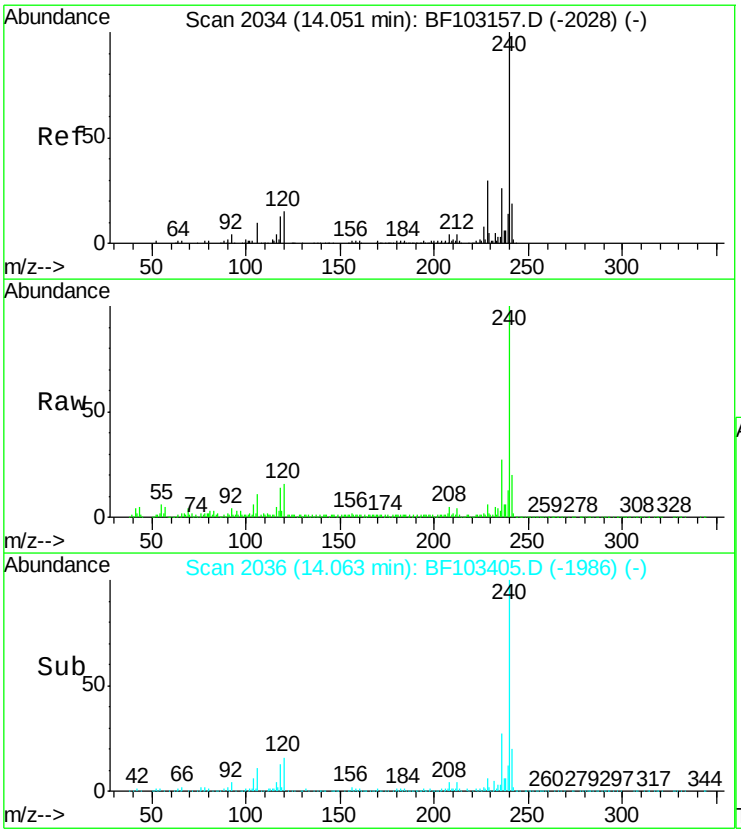
#74
Fluoranthene
Concen: 6.340 ng
RT: 12.63 min Scan# 1792
Delta R.T. -0.01 min
Lab File: BF103405.D
Acq: 5 Mar 2018 13:17

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:202 Resp: 118297

Ion	Ratio	Lower	Upper
202	100		
101	16.0	0.0	34.1
203	17.7	0.0	38.1

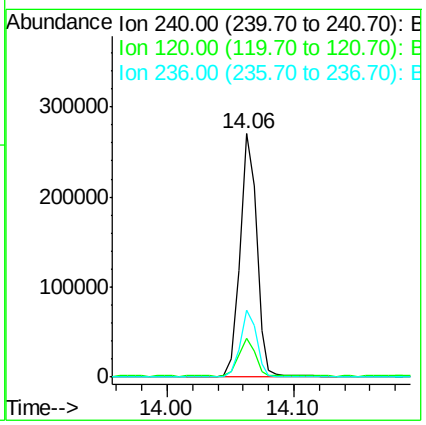


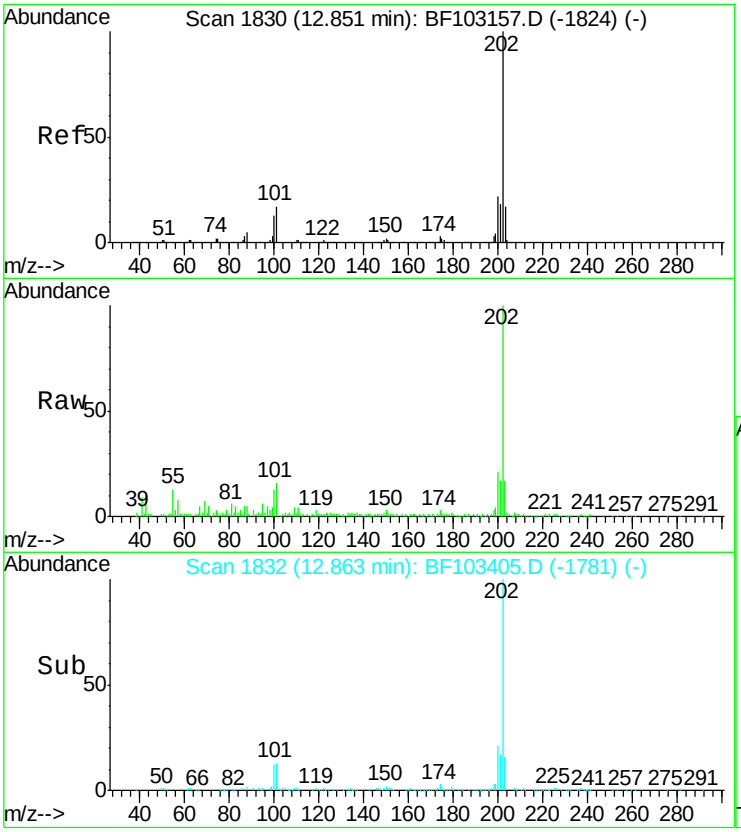


#75
Chrysene-d12
Concen: 20.000 ng
RT: 14.06 min Scan# 2036
Delta R.T. -0.01 min
Lab File: BF103405.D
Acq: 5 Mar 2018 13:17

Tgt Ion:240 Resp: 244036

Ion	Ratio	Lower	Upper
240	100		
120	16.0	9.5	14.3#
236	27.3	20.7	31.1



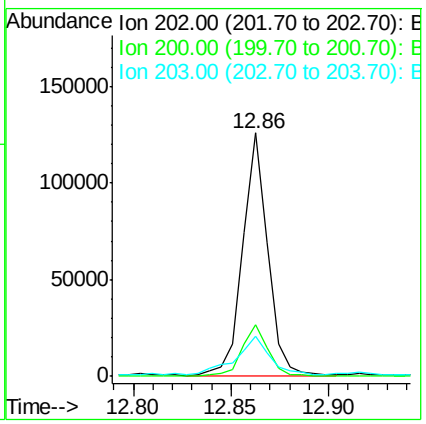


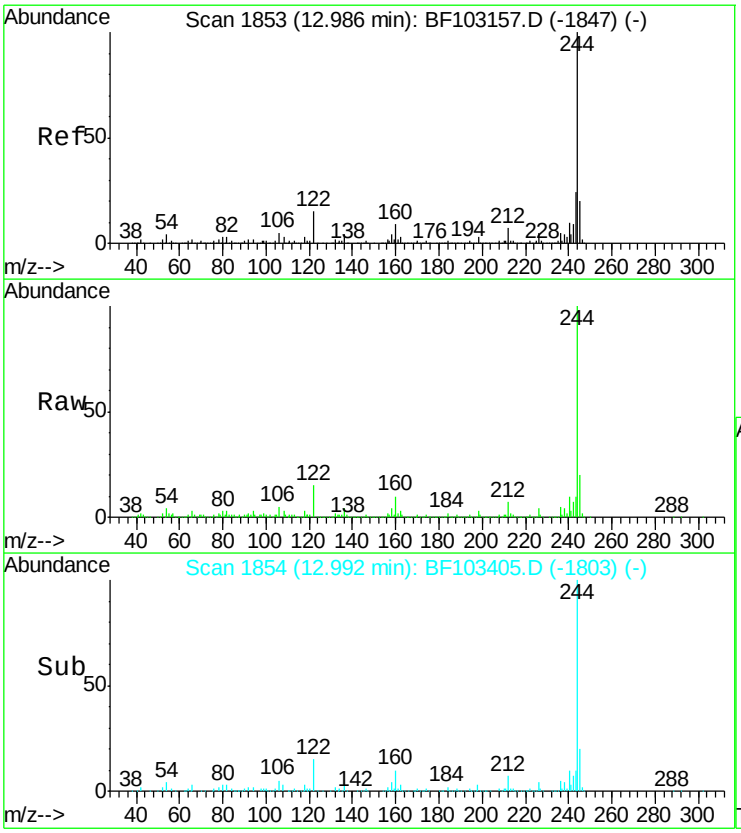
#77
Pyrene
Concen: 5.835 ng
RT: 12.86 min Scan# 1832
Delta R.T. 0.00 min
Lab File: BF103405.D
Acq: 5 Mar 2018 13:17

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:202 Resp: 111012

Ion	Ratio	Lower	Upper
202	100		
200	21.2	17.4	26.2
203	16.6	14.3	21.5

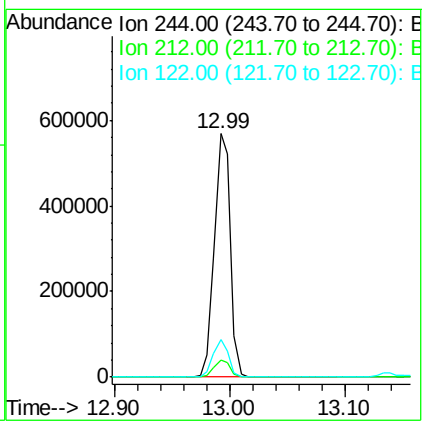


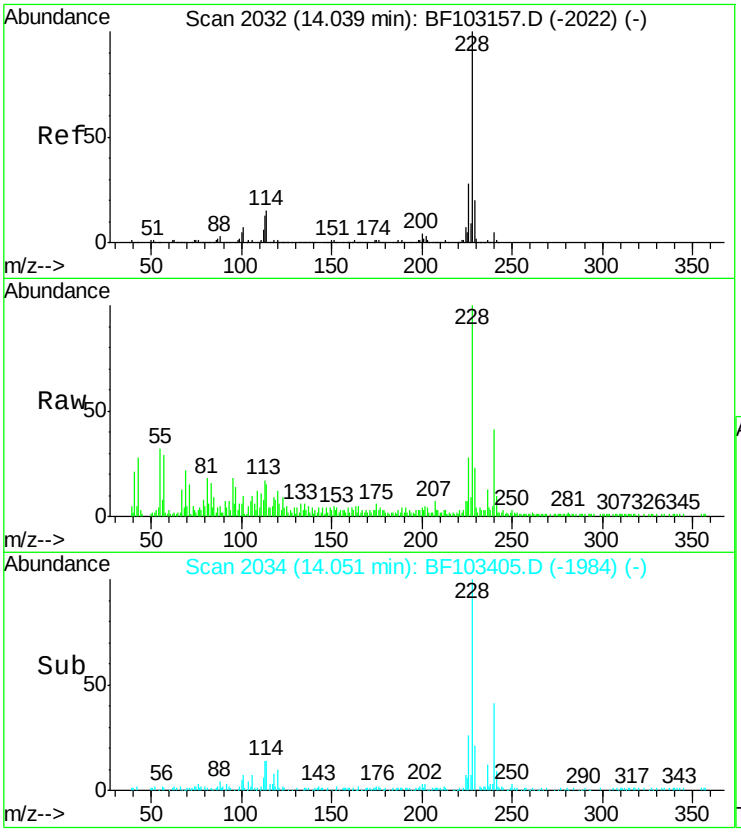


#78
Terphenyl-d14
Concen: 53.516 ng
RT: 12.99 min Scan# 1854
Delta R.T. 0.00 min
Lab File: BF103405.D
Acq: 5 Mar 2018 13:17

Tgt Ion:244 Resp: 543287

Ion	Ratio	Lower	Upper
244	100		
212	7.1	5.4	8.0
122	15.3	11.0	16.4



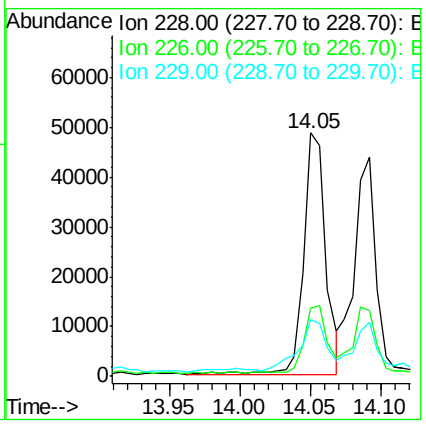


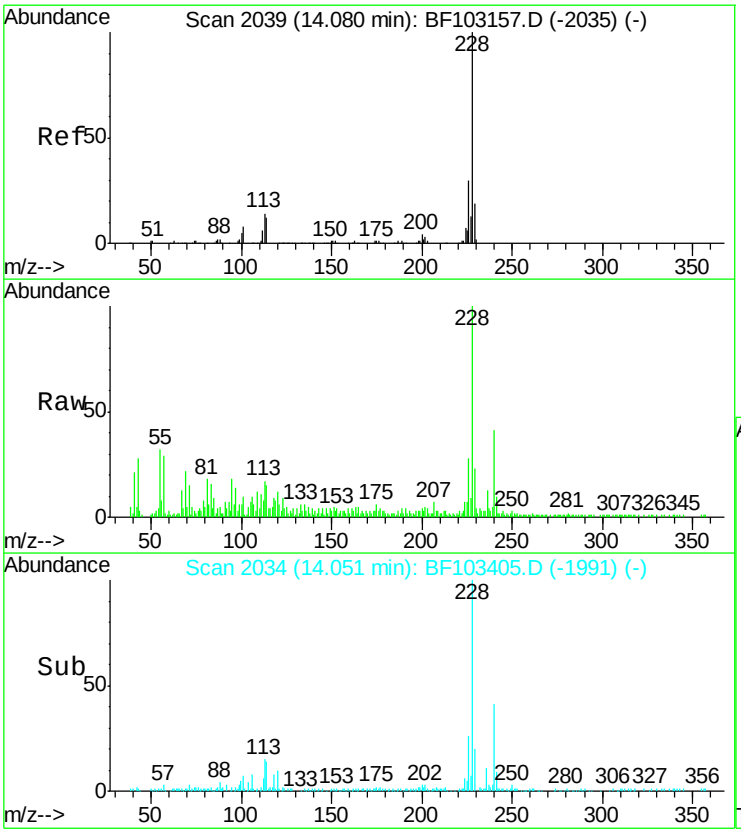
#80
Benzo(a)anthracene
Concen: 3.299 ng
RT: 14.05 min Scan# 2034
Delta R.T. -0.01 min
Lab File: BF103405.D
Acq: 5 Mar 2018 13:17

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:228 Resp: 52236

Ion	Ratio	Lower	Upper
228	100		
226	27.8	22.6	33.8
229	23.4	15.8	23.6

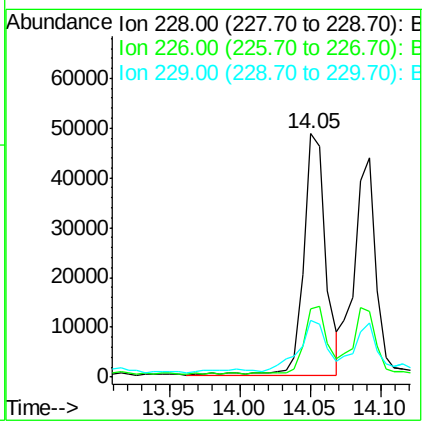


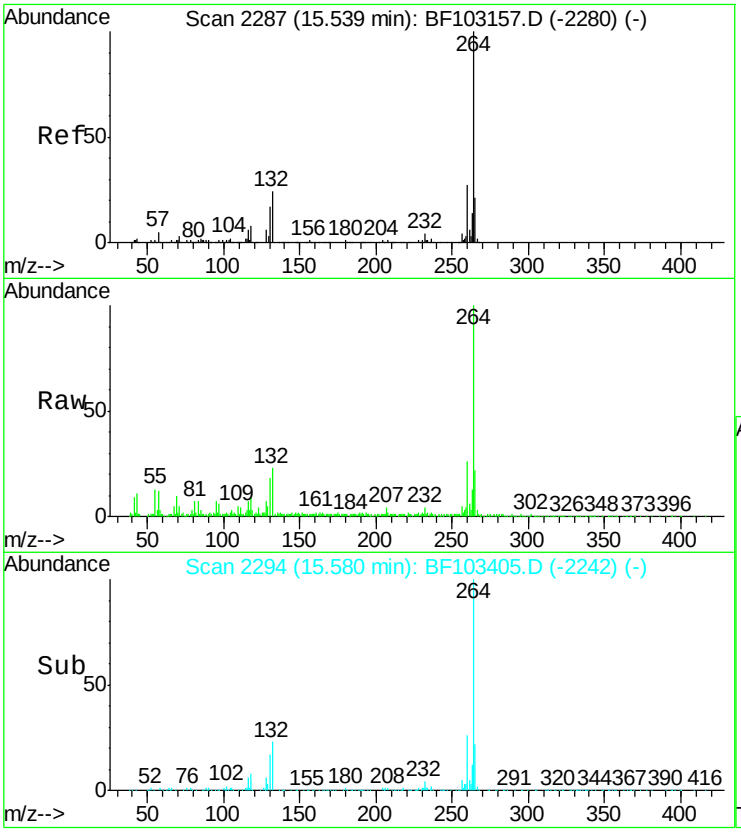


#82
Chrysene
Concen: 3.398 ng
RT: 14.05 min Scan# 2034
Delta R.T. -0.05 min
Lab File: BF103405.D
Acq: 5 Mar 2018 13:17

Tgt Ion:228 Resp: 52236

Ion	Ratio	Lower	Upper
228	100		
226	27.8	25.0	37.6
229	23.4	16.2	24.4



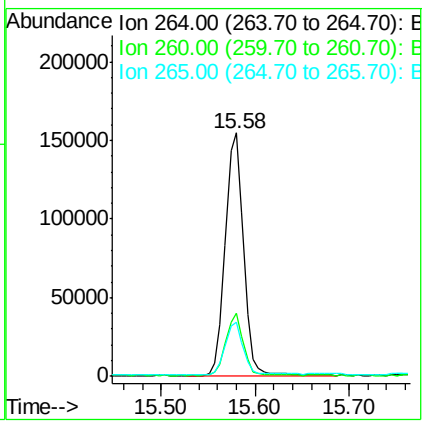


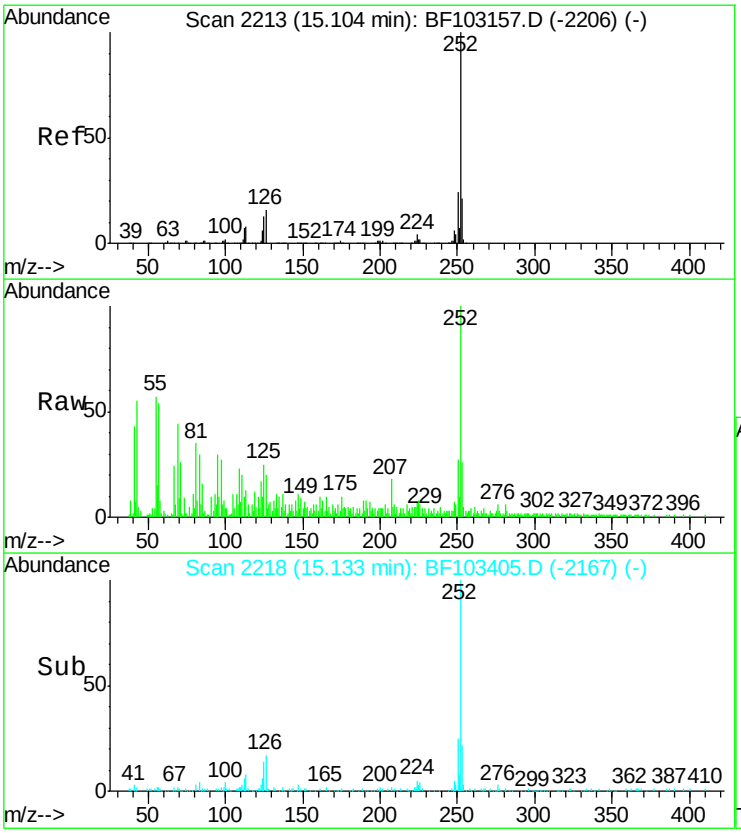
#86
Perylene-d12
Concen: 20.000 ng
RT: 15.58 min Scan# 2294
Delta R.T. 0.01 min
Lab File: BF103405.D
Acq: 5 Mar 2018 13:17

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:264 Resp: 208820

Ion	Ratio	Lower	Upper
264	100		
260	25.9	19.2	28.8
265	22.5	17.5	26.3

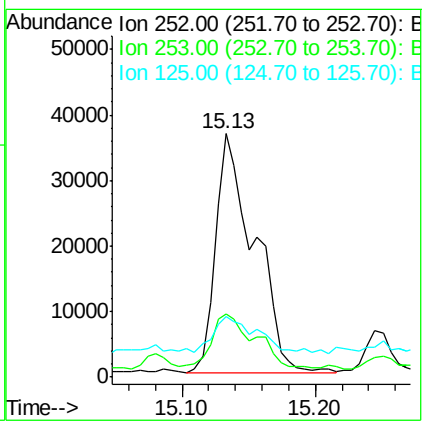


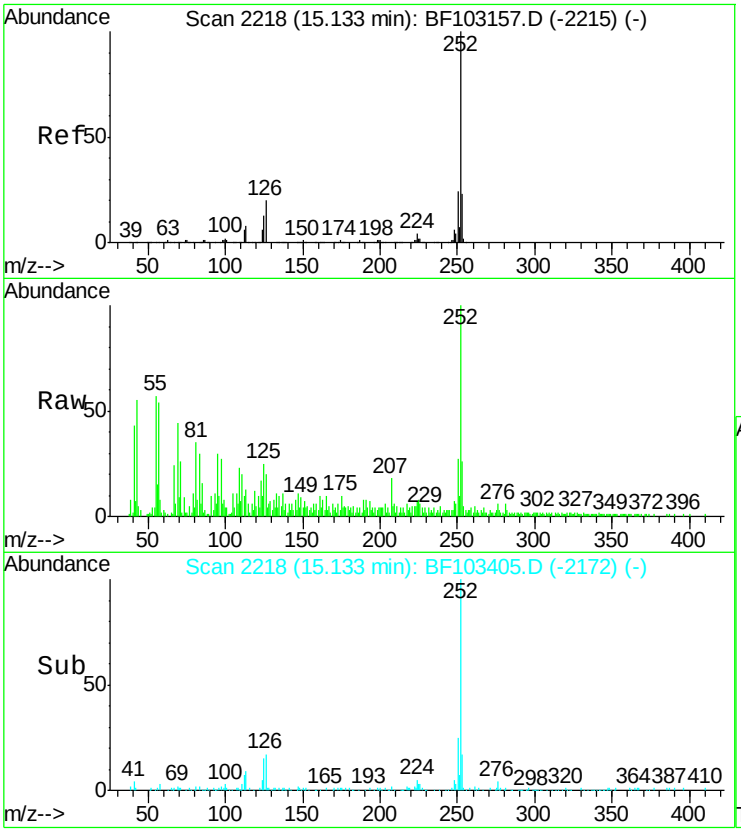


#87
Benzo(b)fluoranthene
Concen: 5.341 ng
RT: 15.13 min Scan# 2218
Delta R.T. 0.00 min
Lab File: BF103405.D
Acq: 5 Mar 2018 13:17

Tgt Ion:252 Resp: 73327

Ion	Ratio	Lower	Upper
252	100		
253	26.2	17.0	25.6#
125	24.8	9.0	13.6#



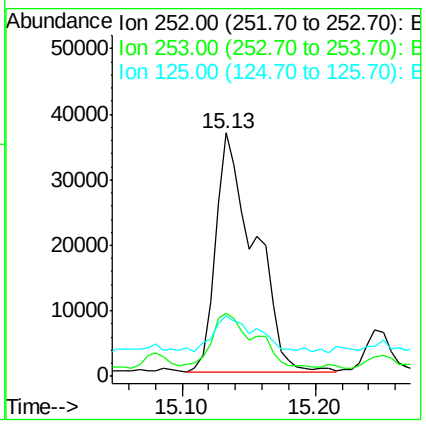


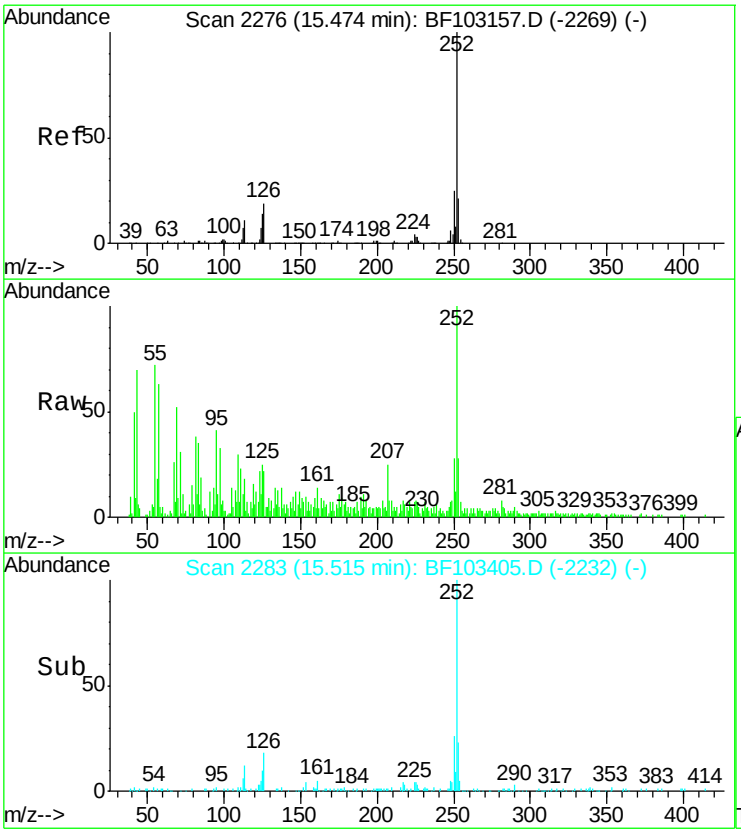
#88
Benzo(k)fluoranthene
Concen: 5.672 ng
RT: 15.13 min Scan# 2218
Delta R.T. -0.03 min
Lab File: BF103405.D
Acq: 5 Mar 2018 13:17

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:252 Resp: 73327

Ion	Ratio	Lower	Upper
252	100		
253	26.2	17.9	26.9
125	24.8	10.2	15.2#





#89
Benzo(a)pyrene
Concen: 2.966 ng
RT: 15.52 min Scan# 2283
Delta R.T. 0.00 min
Lab File: BF103405.D
Acq: 5 Mar 2018 13:17

Tgt Ion:252 Resp: 36368

Ion	Ratio	Lower	Upper
252	100		
253	28.1	17.1	25.7#
125	25.2	9.8	14.6#