Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF021918\
Data File : BF103106.D
Acq On : 20 Feb 2018 2:41
Operator : SJ/JU
Sample : J1604-03
Misc :
ALS Vial : 37 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId :

Quant Time: Feb 20 04:30:24 2018
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF020318.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Feb 16 14:34:49 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.87	152	172374	20.00	ng		0.00
21) Naphthalene-d8	8.16	136	708255	20.00	ng		0.00
38) Acenaphthene-d10	9.92	164	304441	20.00	ng		0.00
63) Phenanthrene-d10	11.40	188	452702	20.00	ng		0.00
75) Chrysene-d12	14.04	240	315889	20.00	ng		-0.01
86) Perylene-d12	15.54	264	278927	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.52	112	1261346	111.13	ng		0.02
7) Phenol-d6	6.52	99	1366640	100.00	ng		0.00
23) Nitrobenzene-d5	7.45	82	1055407	103.37	ng		0.00
41) 2,4,6-Tribromophenol	10.71	330	298812	121.94	ng		0.00
44) 2-Fluorobiphenyl	9.23	172	1628235	88.75	ng		0.00
78) Terphenyl-d14	12.99	244	1178911	88.37	ng		0.00
Target Compounds							Qvalue
9) Benzaldehyde	6.65	77	27720	2.73	ng		82
19) n-Nitroso-di-n-propylamine	7.45	70	140402	15.58	ng	#	80
25) Isophorone	7.45	82	1055390	44.89	ng	#	64
31) Naphthalene	8.18	128	178155	5.15	ng		99
32) Benzoic acid	7.97	122	110	8.56	ng		94
47) 2-Nitroaniline	9.23	65	2975	3.92	ng	#	10
50) 2,6-Dinitrotoluene	9.91	165	38923	8.62	ng	#	25
55) 4-Nitrophenol	10.12	139	3734	4.80	ng	#	9
56) 2,4-Dinitrotoluene	9.91	165	38923	9.09	ng	#	23
64) 4,6-Dinitro-2-methylphenol	10.71	198	625	9.10	ng	#	1
66) 4-Bromophenyl-phenylether	10.71	248	18515	3.87	ng	#	1

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

Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF021918\
Data File : BF103106.D
Acq On : 20 Feb 2018 2:41
Operator : SJ/JU
Sample : J1604-03
Misc :
ALS Vial : 37 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :

Quant Time: Feb 20 04:30:24 2018
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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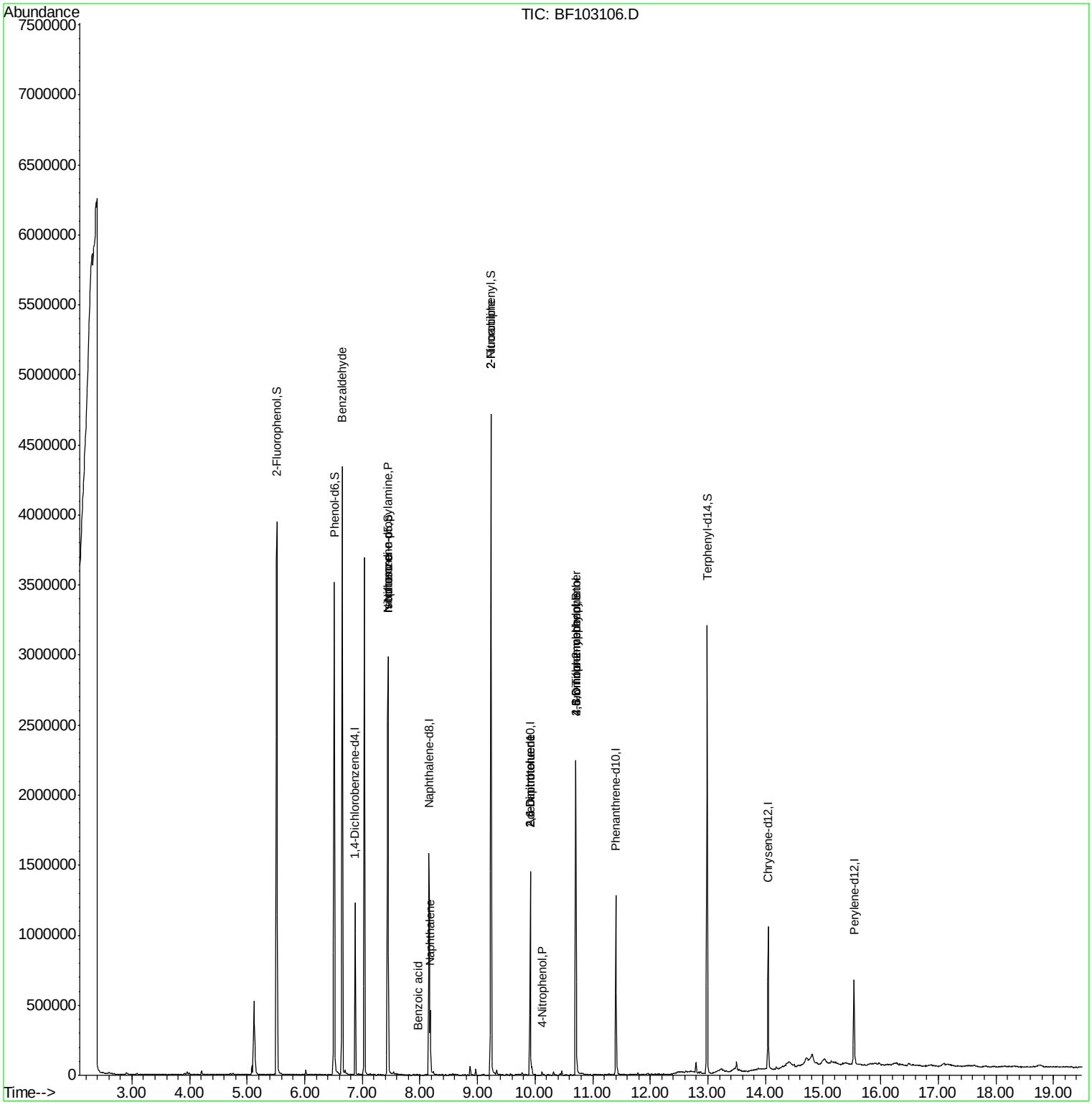
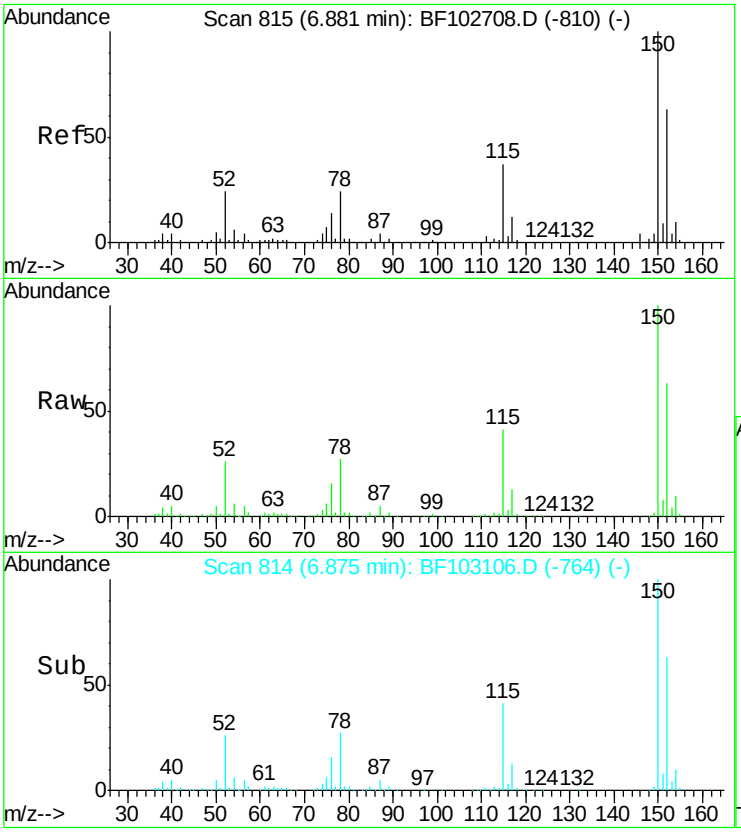
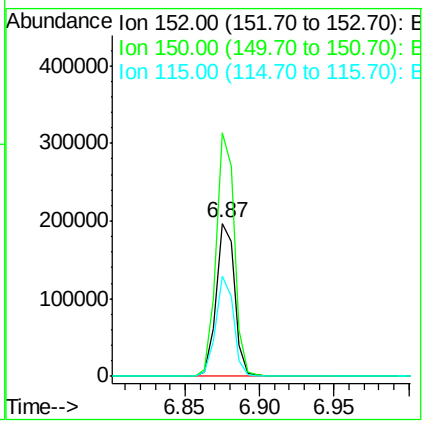




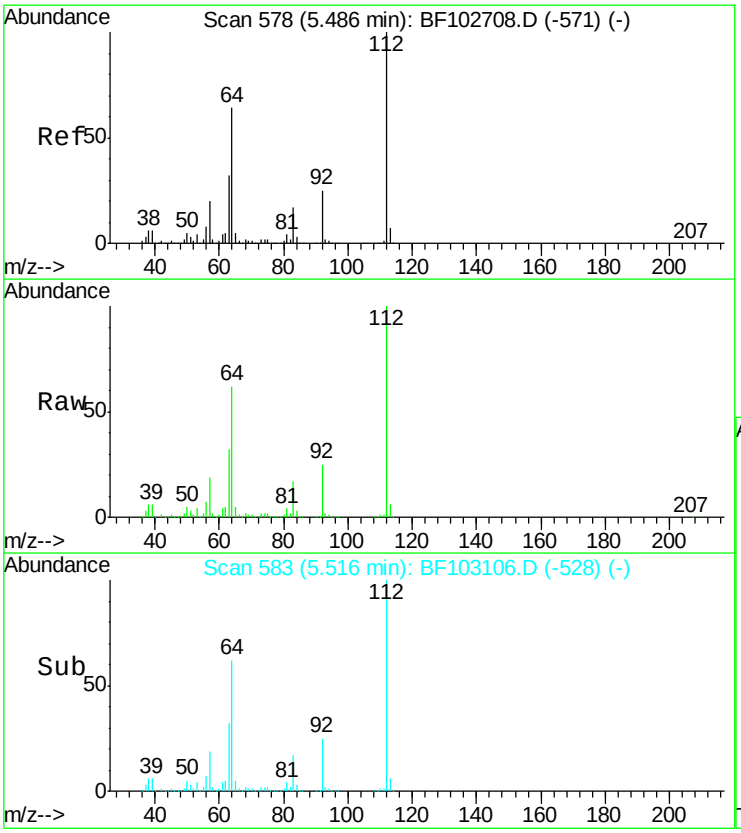
#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.87 min Scan# 814
Delta R.T. -0.01 min
Lab File: BF103106.D
Acq: 20 Feb 2018 2:41

Tgt Ion:152 Resp: 172374

Ion	Ratio	Lower	Upper
152	100		
150	158.9	124.6	186.8
115	65.7	50.1	75.1



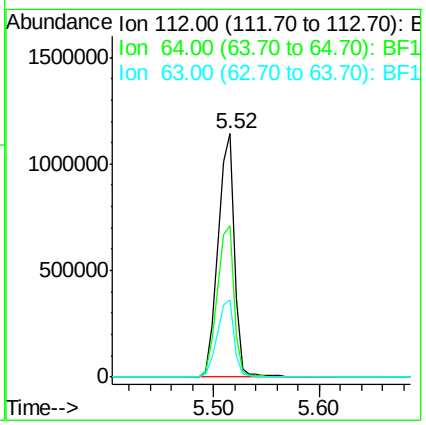
Instrument :
BNA_F
ClientSampleId :

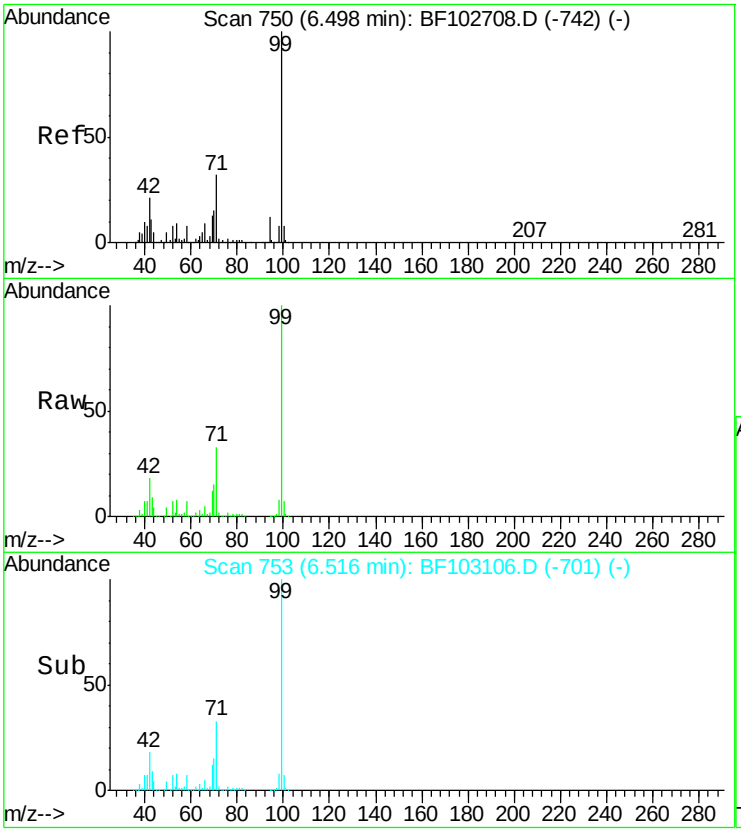


#5
2-Fluorophenol
Concen: 111.13 ng
RT: 5.52 min Scan# 583
Delta R.T. 0.02 min
Lab File: BF103106.D
Acq: 20 Feb 2018 2:41

Tgt Ion:112 Resp: 1261346

Ion	Ratio	Lower	Upper
112	100		
64	62.1	47.9	71.9
63	31.6	23.7	35.5



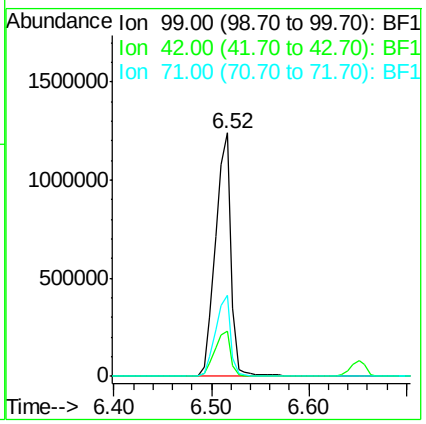


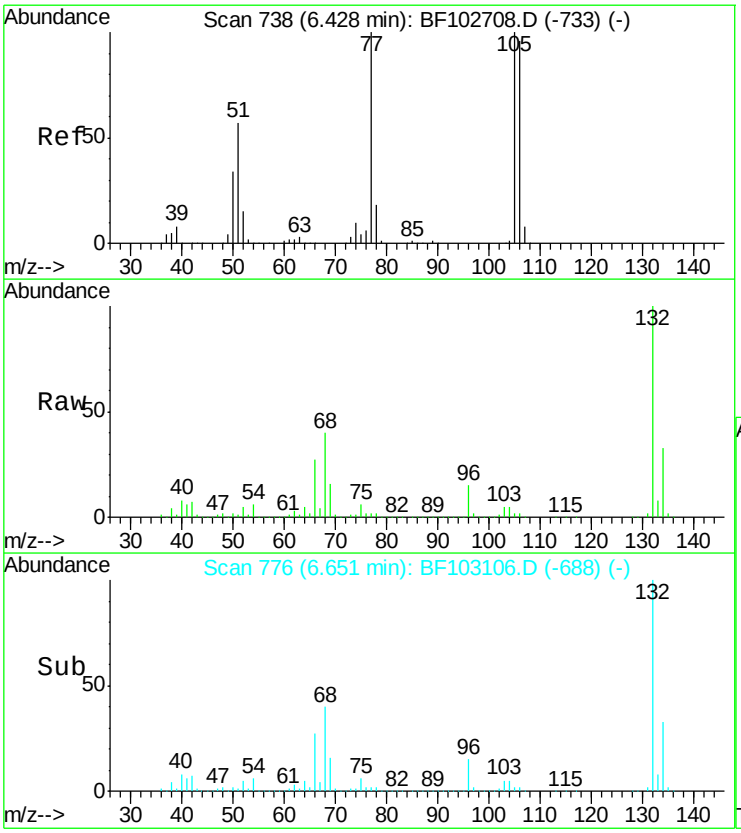
#7
Phenol-d6
Concen: 100.00 ng
RT: 6.52 min Scan# 753
Delta R.T. 0.01 min
Lab File: BF103106.D
Acq: 20 Feb 2018 2:41

Instrument :
BNA_F
ClientSampleId :

Tgt Ion: 99 Resp: 1366640

Ion	Ratio	Lower	Upper
99	100		
42	18.5	14.5	21.7
71	33.0	25.4	38.0

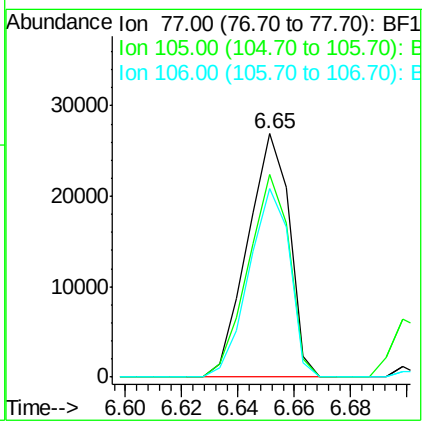


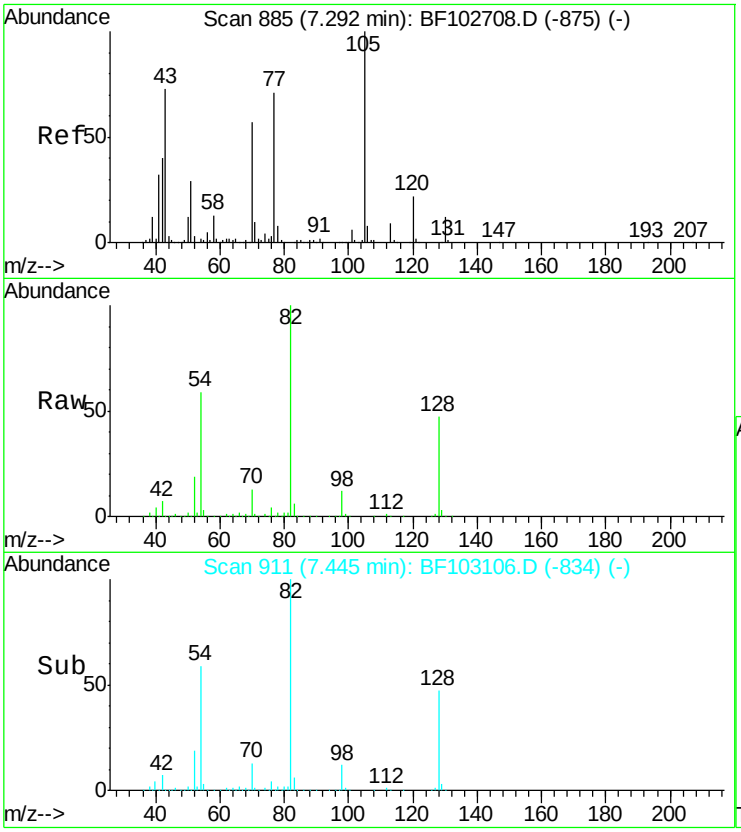


#9
Benzaldehyde
Concen: 2.73 ng
RT: 6.65 min Scan# 776
Delta R.T. 0.22 min
Lab File: BF103106.D
Acq: 20 Feb 2018 2:41

Tgt Ion: 77 Resp: 27720

Ion	Ratio	Lower	Upper
77	100		
105	83.3	81.1	121.1
106	77.6	74.5	114.5



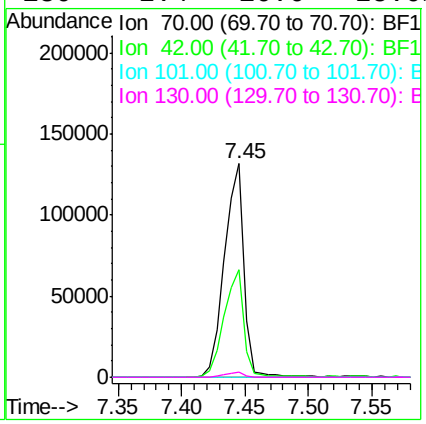


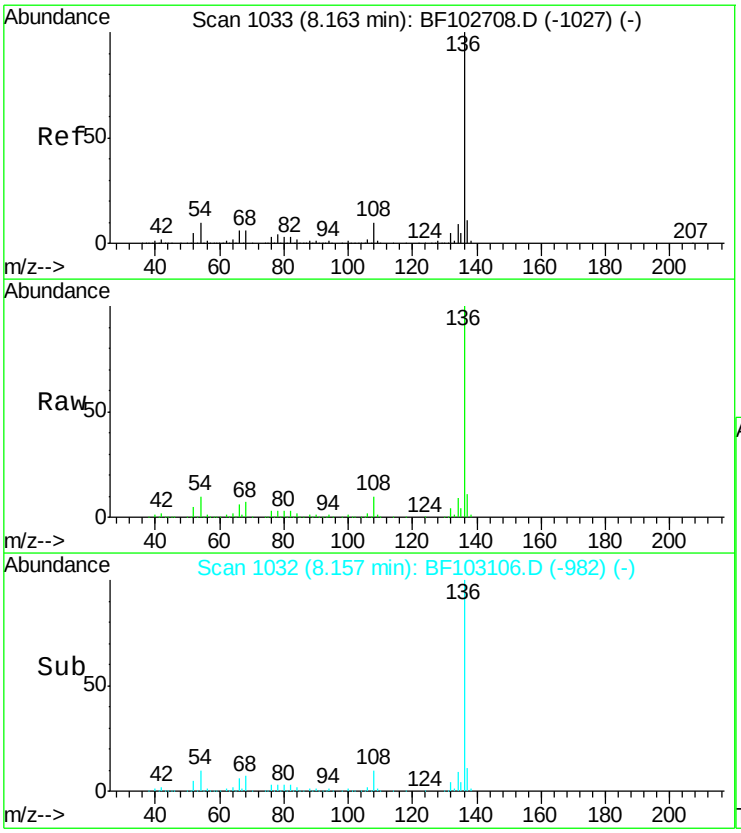
#19
n-Nitroso-di-n-propylamine
Concen: 15.58 ng
RT: 7.45 min Scan# 911
Delta R.T. 0.15 min
Lab File: BF103106.D
Acq: 20 Feb 2018 2:41

Instrument :
BNA_F
ClientSampleId :

Tgt Ion: 70 Resp: 140402

Ion	Ratio	Lower	Upper
70	100		
42	50.4	47.5	71.3
101	0.0	7.4	11.2#
130	2.4	16.6	25.0#

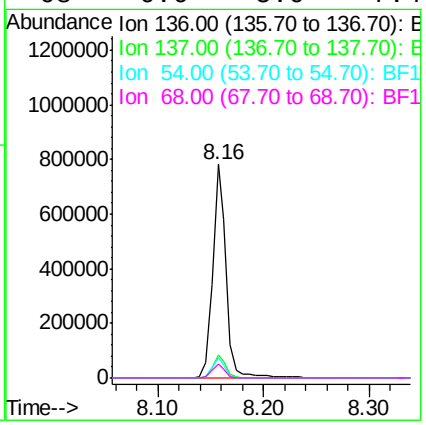


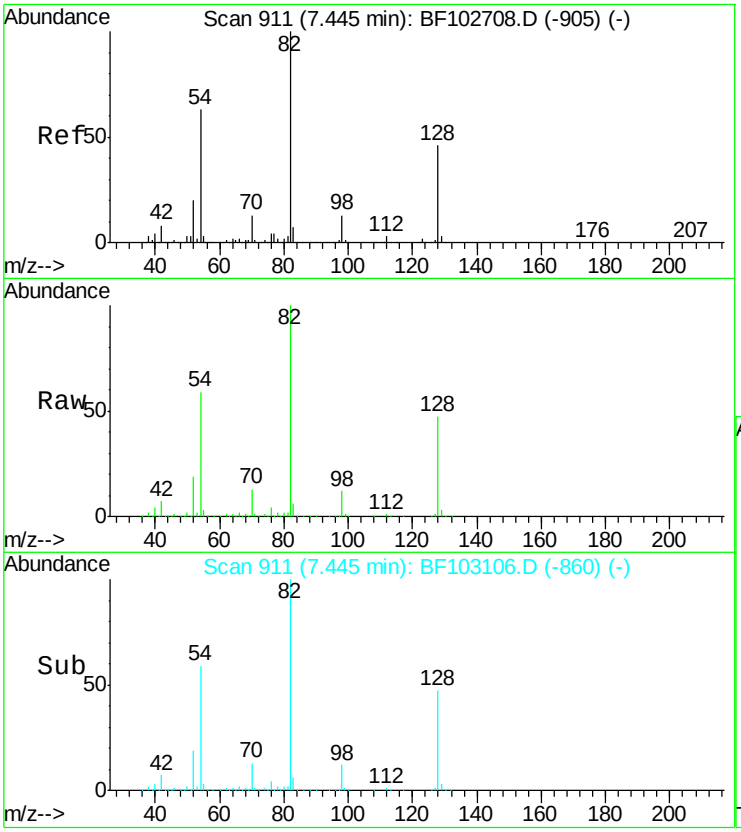


#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.16 min Scan# 1032
Delta R.T. -0.01 min
Lab File: BF103106.D
Acq: 20 Feb 2018 2:41

Tgt Ion:136 Resp: 708255

Ion	Ratio	Lower	Upper
136	100		
137	11.0	8.9	13.3
54	9.9	6.6	9.8#
68	6.6	5.0	7.4



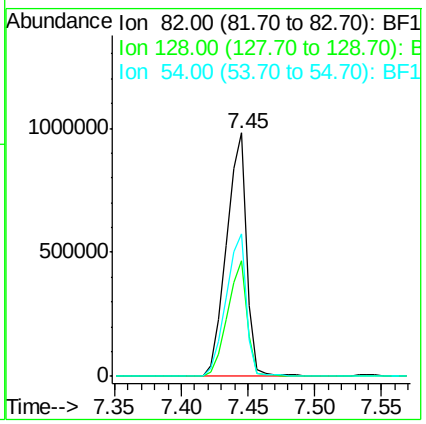


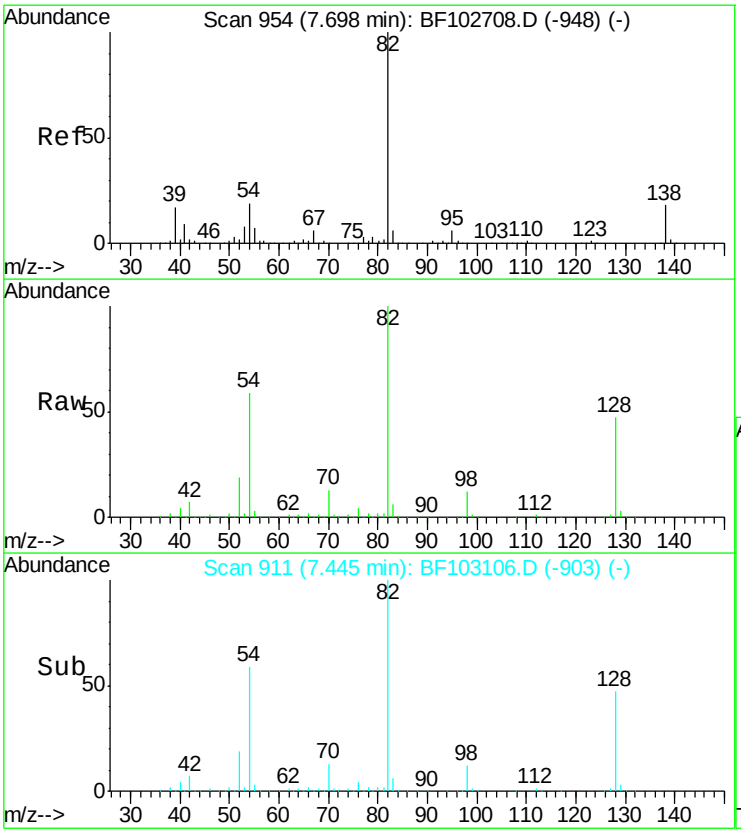
#23
Nitrobenzene-d5
Concen: 103.37 ng
RT: 7.45 min Scan# 911
Delta R.T. -0.00 min
Lab File: BF103106.D
Acq: 20 Feb 2018 2:41

Instrument :
BNA_F
ClientSampleId :

Tgt Ion: 82 Resp: 1055407

Ion	Ratio	Lower	Upper
82	100		
128	47.5	36.1	54.1
54	58.6	41.4	62.2

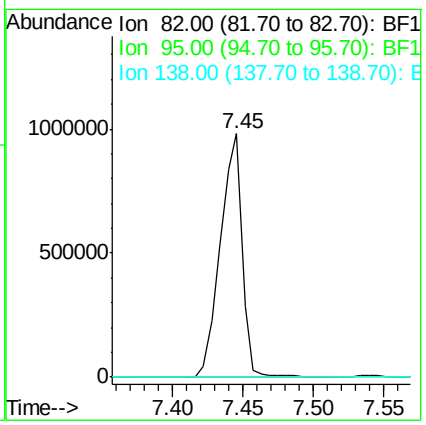


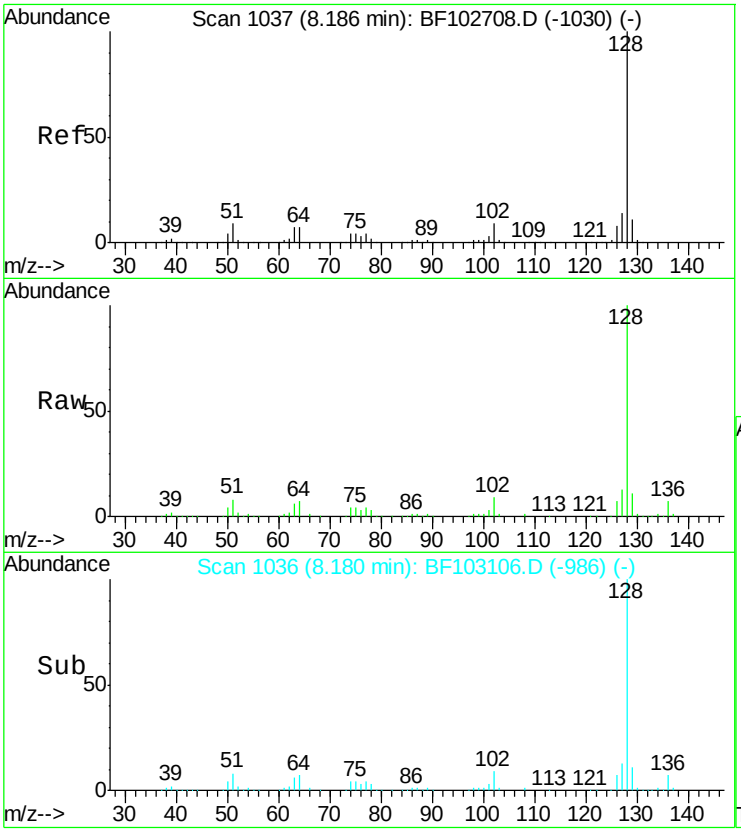


#25
Isophorone
Concen: 44.89 ng
RT: 7.45 min Scan# 911
Delta R.T. -0.25 min
Lab File: BF103106.D
Acq: 20 Feb 2018 2:41

Tgt Ion: 82 Resp: 1055390

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

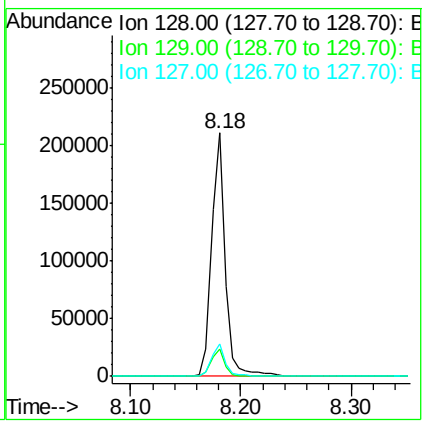




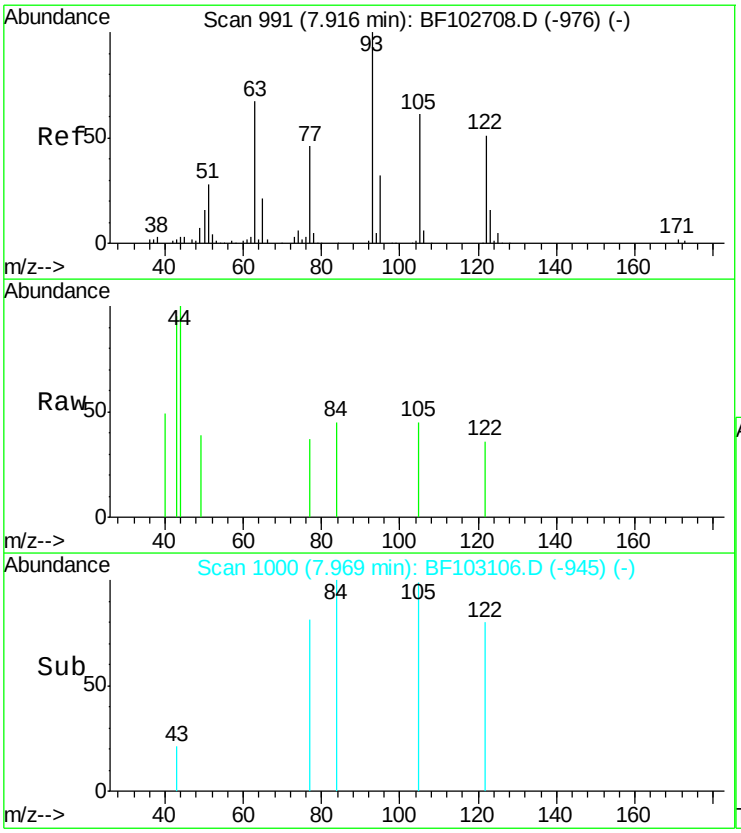
#31
Naphthalene
Concen: 5.15 ng
RT: 8.18 min Scan# 1036
Delta R.T. -0.01 min
Lab File: BF103106.D
Acq: 20 Feb 2018 2:41

Tgt Ion:128 Resp: 178155

Ion	Ratio	Lower	Upper
128	100		
129	11.4	8.8	13.2
127	13.2	10.9	16.3



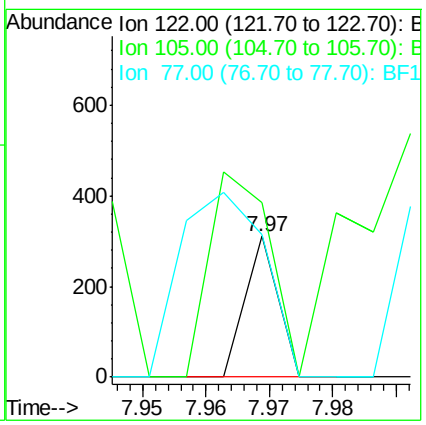
Instrument :
BNA_F
ClientSampleId :

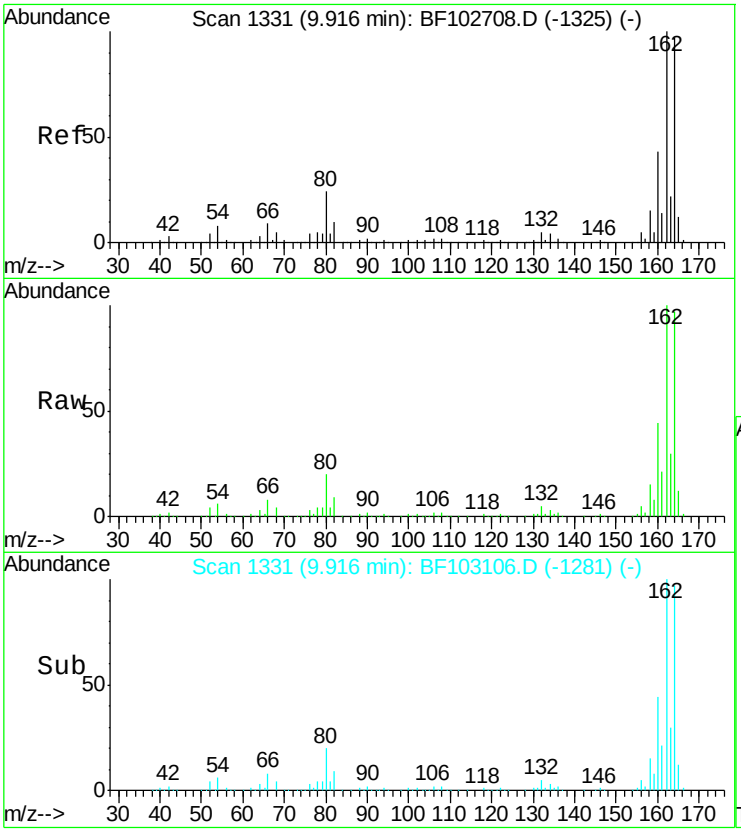


#32
Benzoic acid
Concen: 8.56 ng
RT: 7.97 min Scan# 1000
Delta R.T. 0.02 min
Lab File: BF103106.D
Acq: 20 Feb 2018 2:41

Tgt Ion:122 Resp: 110

Ion	Ratio	Lower	Upper
122	100		
105	124.1	101.1	141.1
77	101.3	70.7	110.7

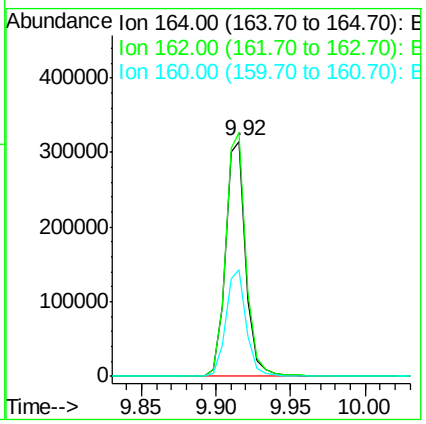




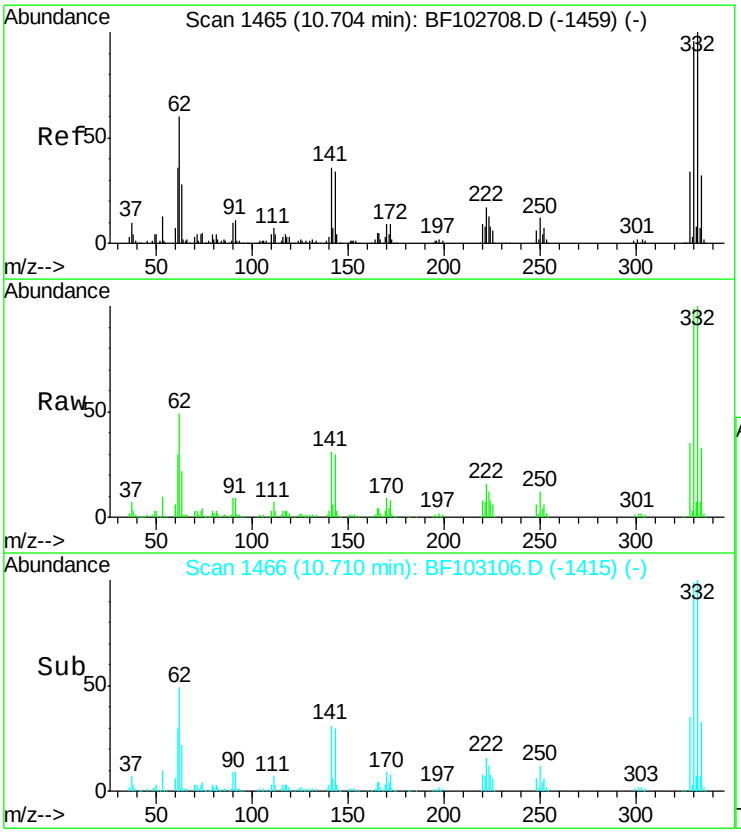
#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.92 min Scan# 1331
Delta R.T. -0.01 min
Lab File: BF103106.D
Acq: 20 Feb 2018 2:41

Tgt Ion:164 Resp: 304441

Ion	Ratio	Lower	Upper
164	100		
162	103.6	86.1	129.1
160	45.6	38.3	57.5



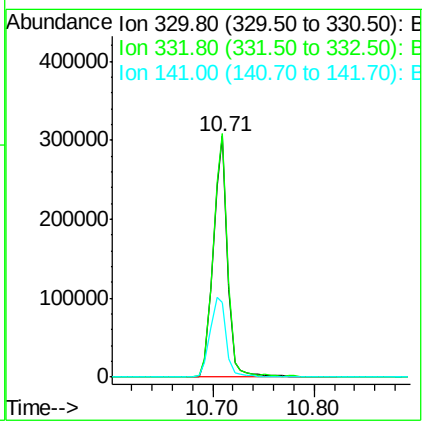
Instrument :
BNA_F
ClientSampleId :

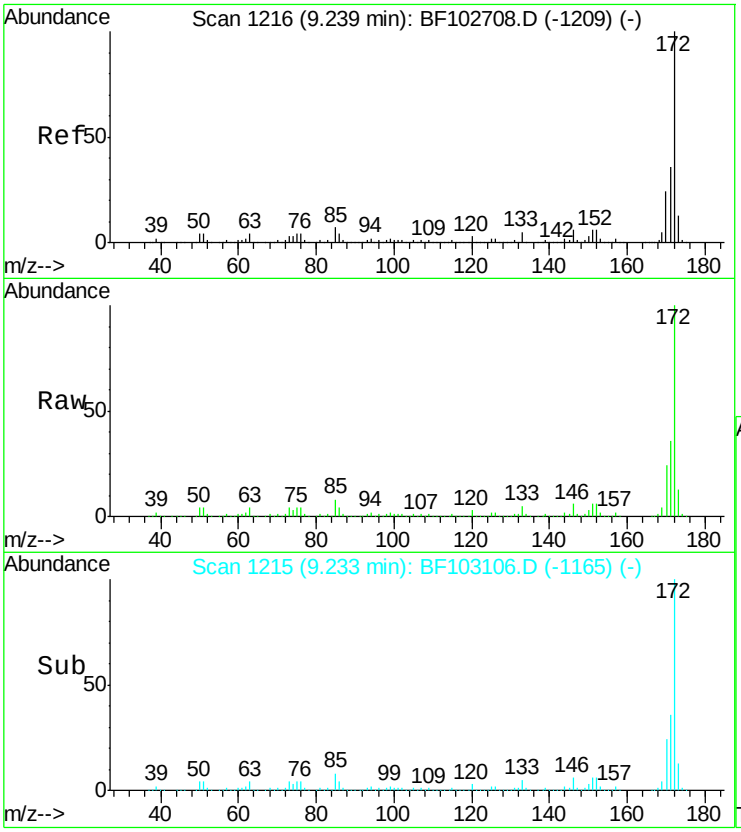


#41
2,4,6-Tribromophenol
Concen: 121.94 ng
RT: 10.71 min Scan# 1466
Delta R.T. -0.00 min
Lab File: BF103106.D
Acq: 20 Feb 2018 2:41

Tgt Ion:330 Resp: 298812

Ion	Ratio	Lower	Upper
330	100		
332	102.1	77.0	115.6
141	38.1	29.9	44.9



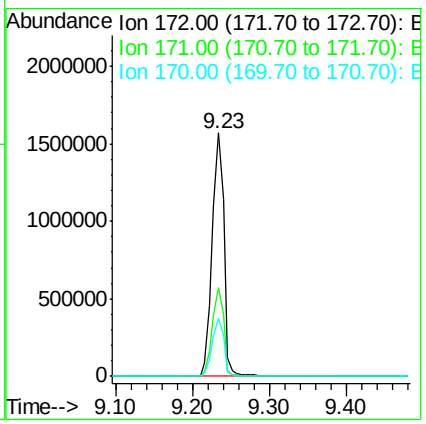


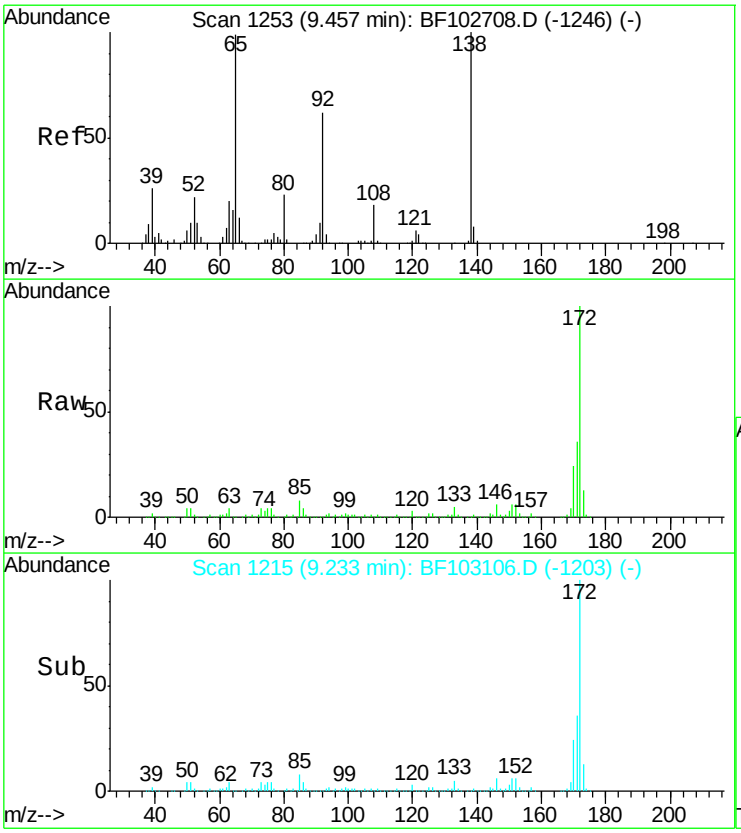
#44
2-Fluorobiphenyl
Concen: 88.75 ng
RT: 9.23 min Scan# 1215
Delta R.T. -0.01 min
Lab File: BF103106.D
Acq: 20 Feb 2018 2:41

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:172 Resp: 1628235

Ion	Ratio	Lower	Upper
172	100		
171	36.3	29.7	44.5
170	24.0	19.6	29.4

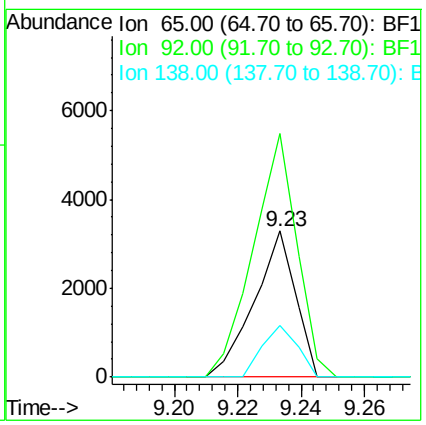


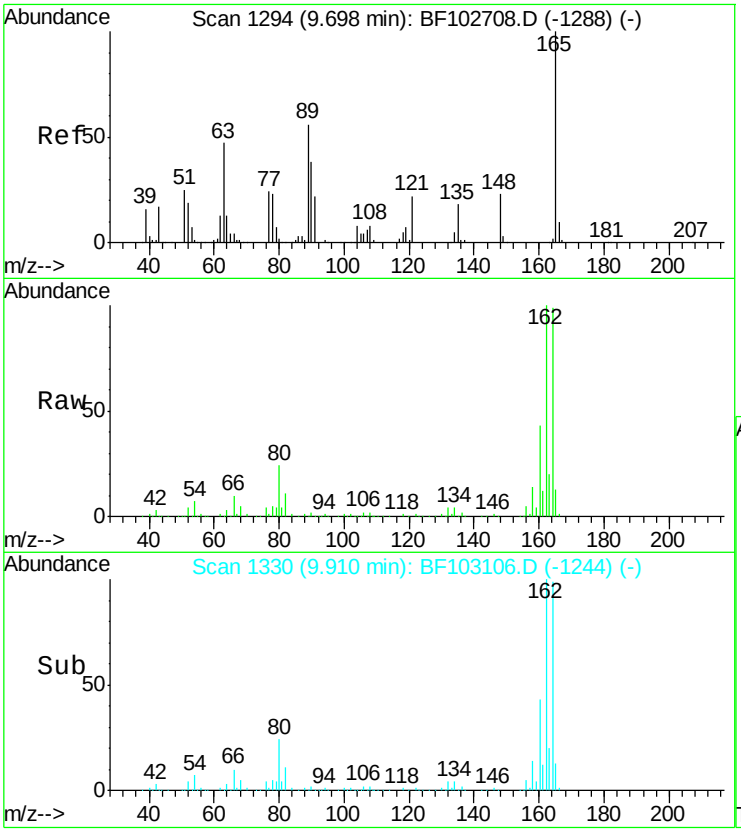


#47
2-Nitroaniline
Concen: 3.92 ng
RT: 9.23 min Scan# 1215
Delta R.T. -0.23 min
Lab File: BF103106.D
Acq: 20 Feb 2018 2:41

Tgt Ion: 65 Resp: 2975

Ion	Ratio	Lower	Upper
65	100		
92	166.9	55.8	83.6#
138	35.6	91.2	136.8#



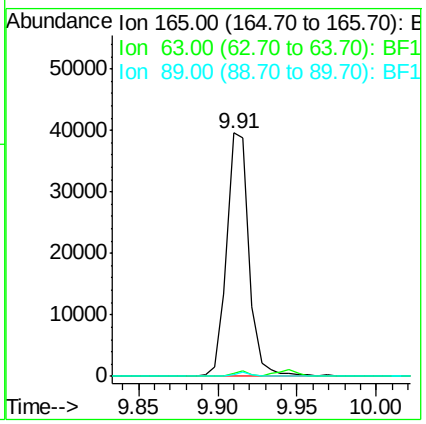


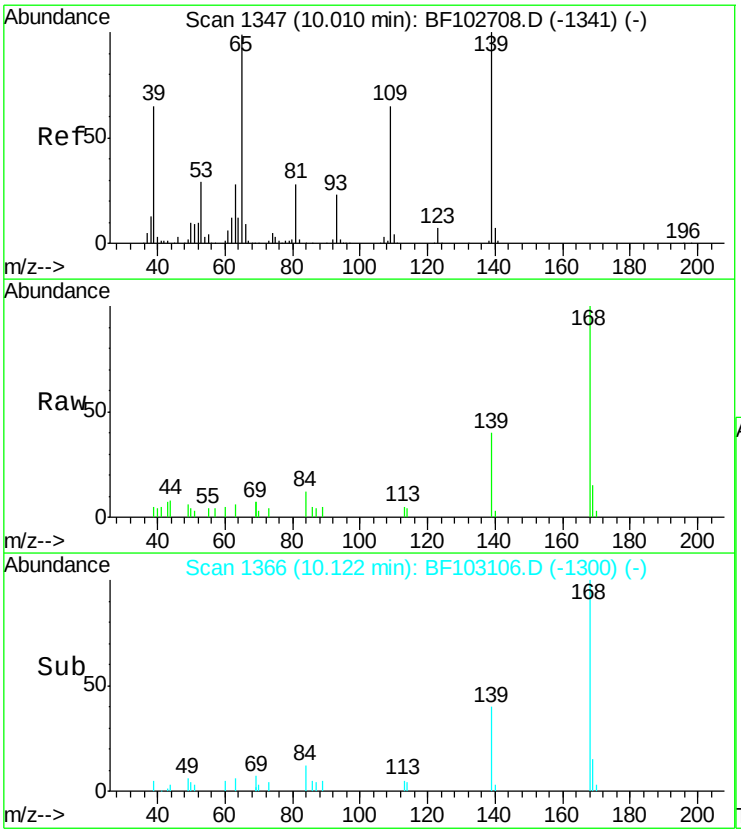
#50
2,6-Dinitrotoluene
Concen: 8.62 ng
RT: 9.91 min Scan# 1330
Delta R.T. 0.21 min
Lab File: BF103106.D
Acq: 20 Feb 2018 2:41

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:165 Resp: 38923

Ion	Ratio	Lower	Upper
165	100		
63	1.1	44.7	67.1#
89	0.8	44.0	66.0#

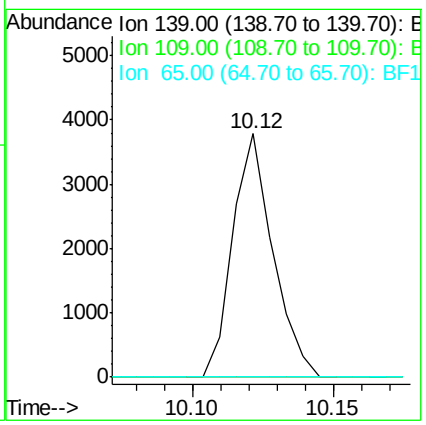


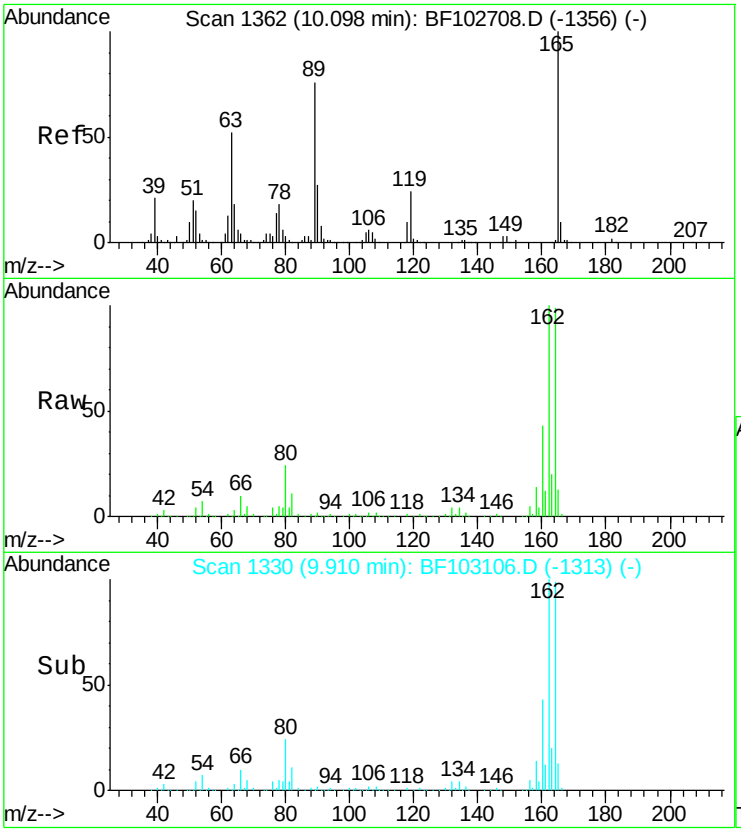


#55
4-Nitrophenol
Concen: 4.80 ng
RT: 10.12 min Scan# 1366
Delta R.T. 0.09 min
Lab File: BF103106.D
Acq: 20 Feb 2018 2:41

Tgt Ion:139 Resp: 3734

Ion	Ratio	Lower	Upper
139	100		
109	0.0	48.4	88.4#
65	0.0	72.6	112.6#



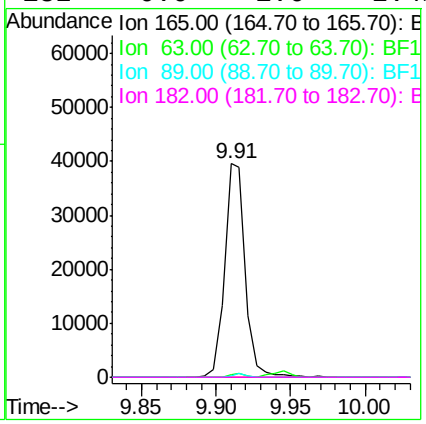


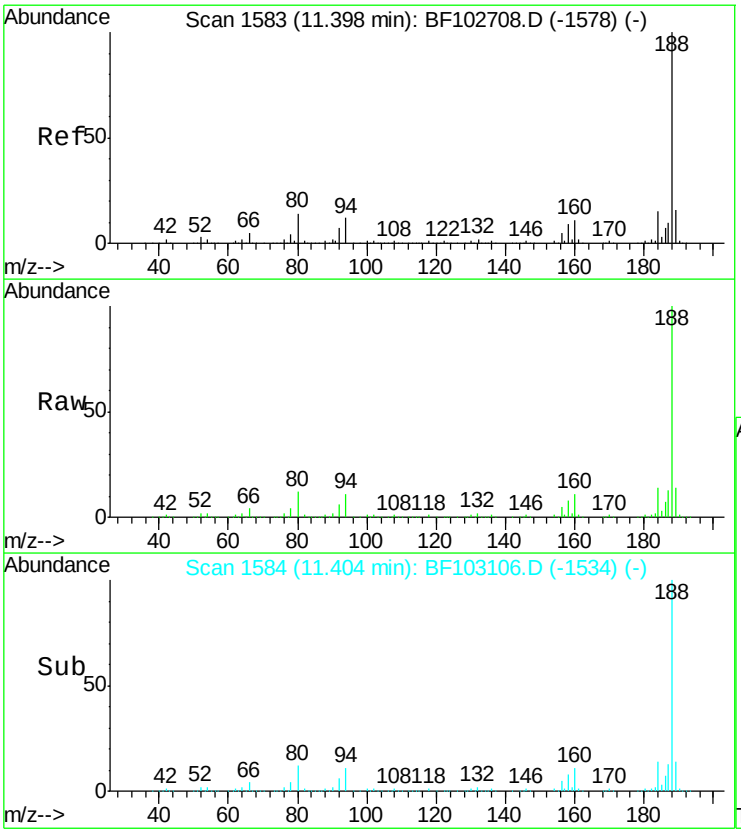
#56
2,4-Dinitrotoluene
Concen: 9.09 ng
RT: 9.91 min Scan# 1330
Delta R.T. -0.20 min
Lab File: BF103106.D
Acq: 20 Feb 2018 2:41

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:165 Resp: 38923

Ion	Ratio	Lower	Upper
165	100		
63	1.1	36.4	54.6#
89	0.8	57.8	86.6#
182	0.0	1.6	2.4#

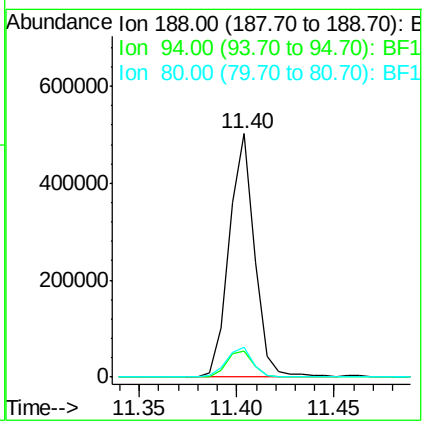


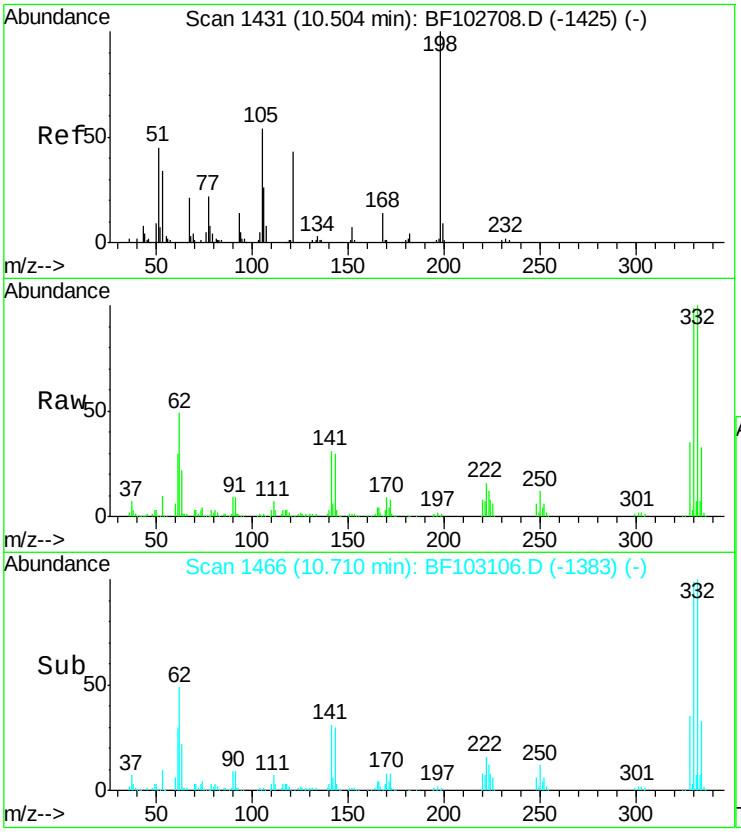


#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.40 min Scan# 1584
Delta R.T. -0.01 min
Lab File: BF103106.D
Acq: 20 Feb 2018 2:41

Tgt Ion:188 Resp: 452702

Ion	Ratio	Lower	Upper
188	100		
94	10.7	8.5	12.7
80	12.1	9.2	13.8



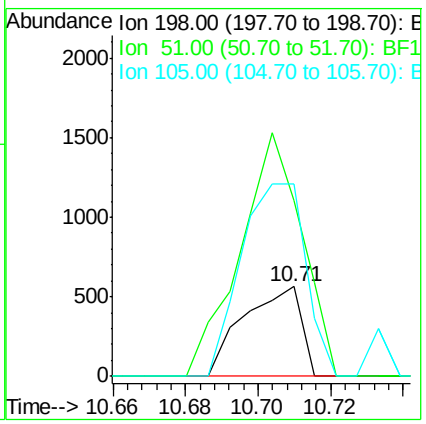


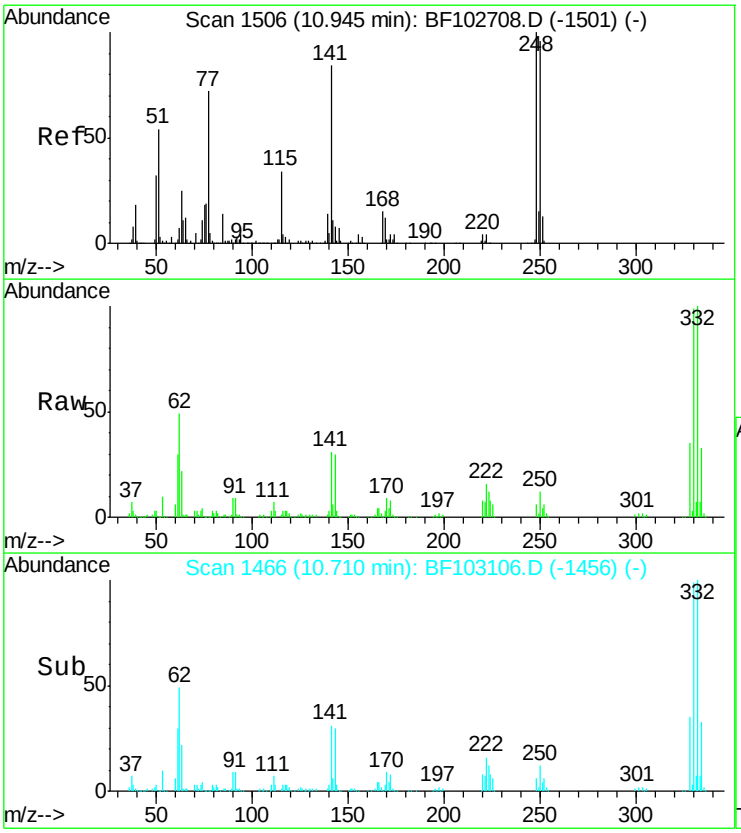
#64
4,6-Dinitro-2-methylphenol
Concen: 9.10 ng
RT: 10.71 min Scan# 1466
Delta R.T. 0.19 min
Lab File: BF103106.D
Acq: 20 Feb 2018 2:41

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:198 Resp: 625

Ion	Ratio	Lower	Upper
198	100		
51	196.1	37.7	77.7#
105	214.9	36.3	76.3#

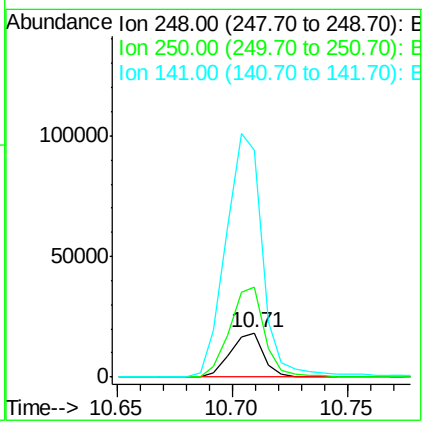


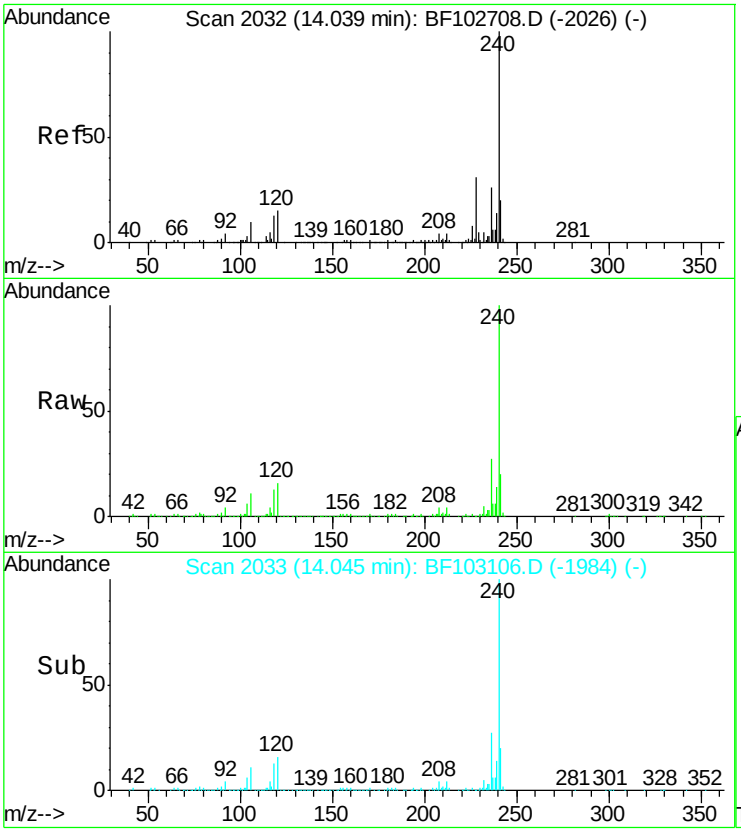


#66
4-Bromophenyl-phenylether
Concen: 3.87 ng
RT: 10.71 min Scan# 1466
Delta R.T. -0.24 min
Lab File: BF103106.D
Acq: 20 Feb 2018 2:41

Tgt Ion:248 Resp: 18515

Ion	Ratio	Lower	Upper
248	100		
250	202.5	76.9	115.3#
141	511.4	74.4	111.6#



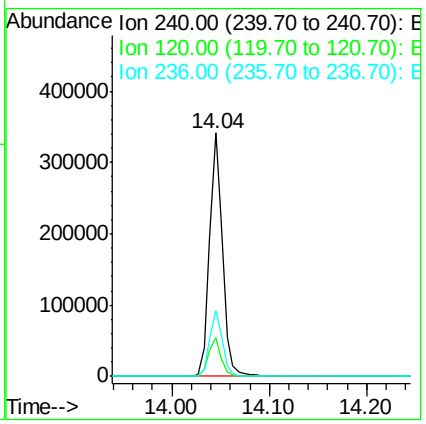


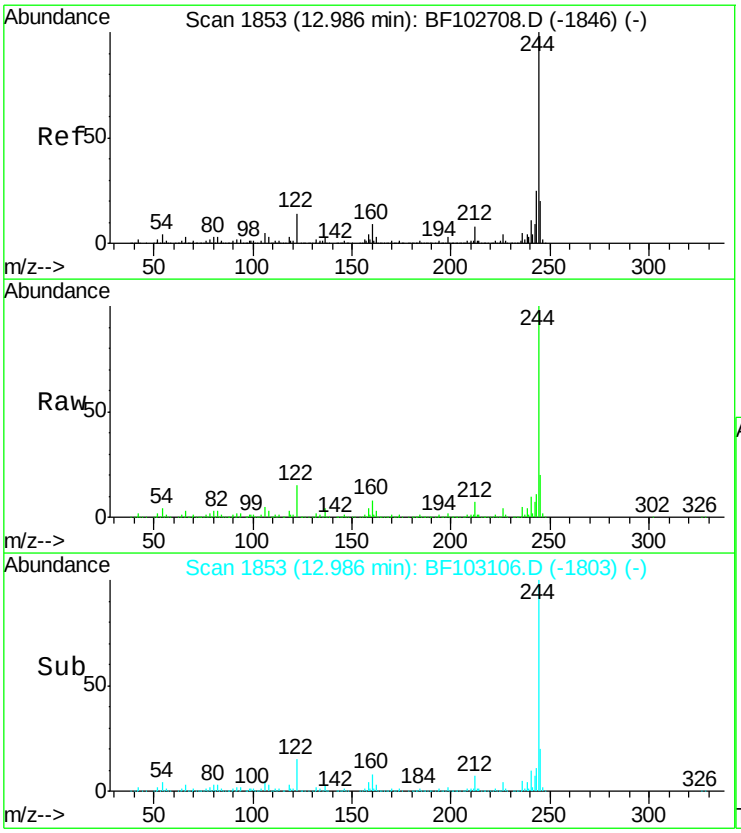
#75
Chrysene-d12
Concen: 20.00 ng
RT: 14.04 min Scan# 2033
Delta R.T. -0.01 min
Lab File: BF103106.D
Acq: 20 Feb 2018 2:41

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:240 Resp: 315889

Ion	Ratio	Lower	Upper
240	100		
120	15.8	9.5	14.3#
236	26.8	20.7	31.1

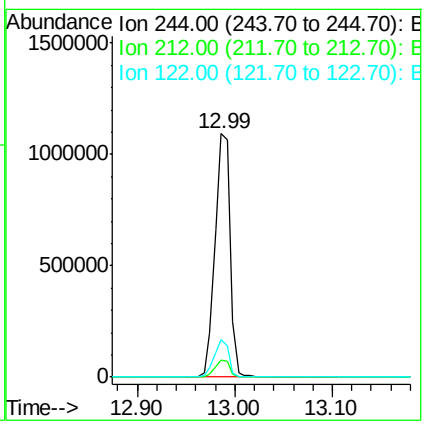


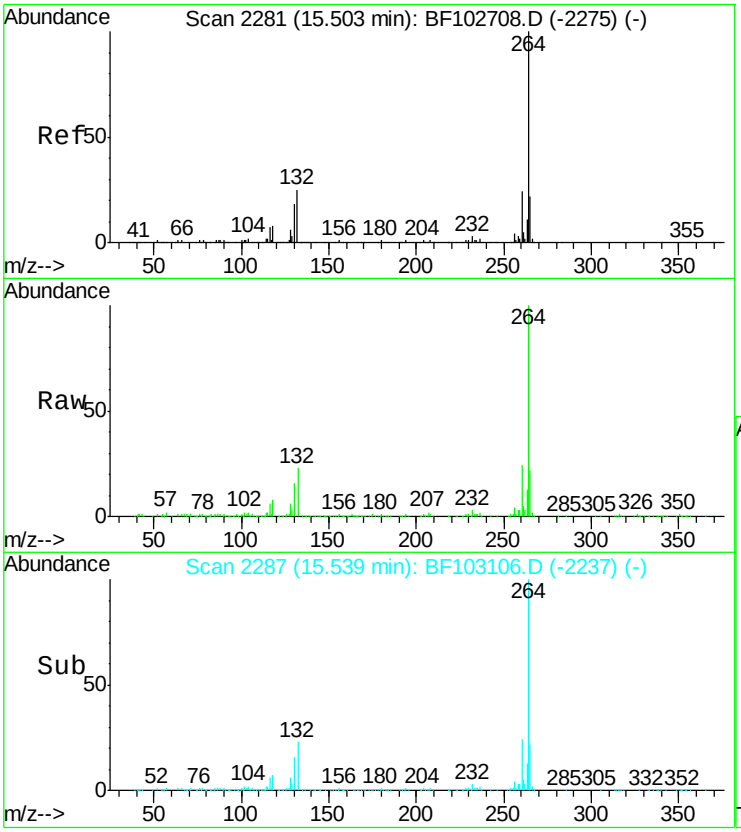


#78
Terphenyl-d14
Concen: 88.37 ng
RT: 12.99 min Scan# 1853
Delta R.T. -0.01 min
Lab File: BF103106.D
Acq: 20 Feb 2018 2:41

Tgt Ion:244 Resp: 1178911

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





#86
Perylene-d12
Concen: 20.00 ng
RT: 15.54 min Scan# 2287
Delta R.T. -0.01 min
Lab File: BF103106.D
Acq: 20 Feb 2018 2:41

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:264 Resp: 278927

Ion	Ratio	Lower	Upper
264	100		
260	24.5	19.2	28.8
265	22.0	17.5	26.3