Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF022118\
Data File : BF103145.D
Acq On : 21 Feb 2018 19:12
Operator : SJ/JU
Sample : J1619-01
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId :

Quant Time: Feb 22 00:36:51 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	6.88	152	150061	20.00	ng		0.00
21) Naphthalene-d8	8.16	136	609767	20.00	ng		0.00
38) Acenaphthene-d10	9.92	164	241516	20.00	ng		0.00
63) Phenanthrene-d10	11.40	188	344191	20.00	ng		0.00
75) Chrysene-d12	14.05	240	267886	20.00	ng		0.00
86) Perylene-d12	15.54	264	206498	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.51	112	1077620	109.06	ng		0.02
7) Phenol-d6	6.52	99	1149873	96.65	ng		0.00
23) Nitrobenzene-d5	7.45	82	873174	99.34	ng		0.00
41) 2,4,6-Tribromophenol	10.71	330	221814	114.11	ng		0.00
44) 2-Fluorobiphenyl	9.23	172	1353876	93.02	ng		0.00
78) Terphenyl-d14	12.99	244	957325	84.62	ng		0.00
Target Compounds							Qvalue
9) Benzaldehyde	6.65	77	23388	2.647	ng		83
19) n-Nitroso-di-n-propylamine	7.45	70	119773	15.269	ng	#	78
25) Isophorone	7.45	82	873160	43.140	ng	#	64
26) 2-Nitrophenol	7.93	139	247	8.714	ng	#	34
27) 2,4-Dimethylphenol	7.90	122	37048	4.333	ng	#	4
32) Benzoic acid	7.90	122	37048	14.337	ng		92
47) 2-Nitroaniline	9.58	65	106	3.492	ng	#	1
50) 2,6-Dinitrotoluene	9.92	165	30800	8.597	ng	#	25
56) 2,4-Dinitrotoluene	9.92	165	30800	9.075	ng	#	23
64) 4,6-Dinitro-2-methylphenol	10.70	198	264	8.963	ng	#	1
66) 4-Bromophenyl-phenylether	10.70	248	14212	3.903	ng	#	1

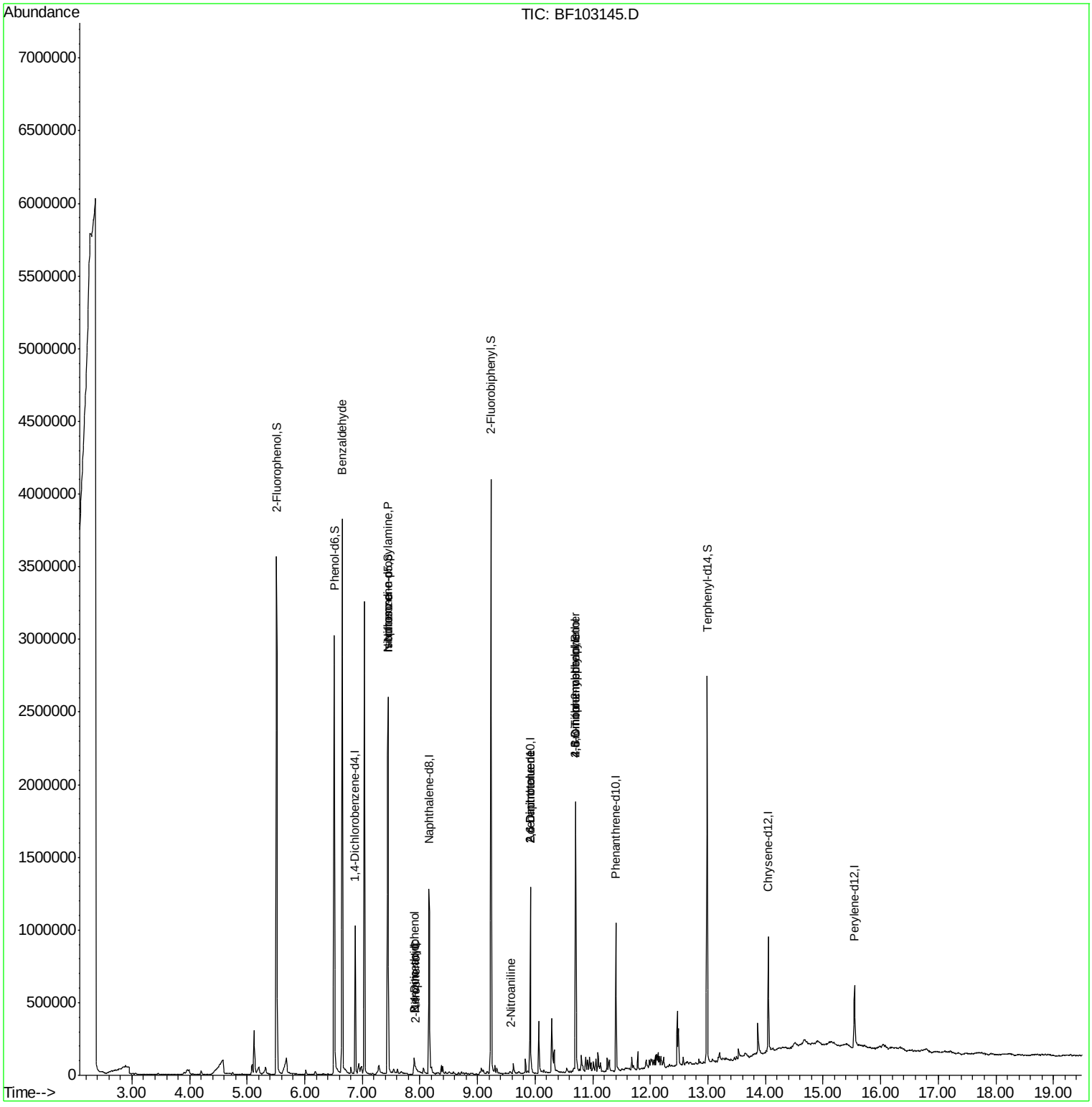
(#) = qualifier out of range (m) = manual integration (+) = signals summed

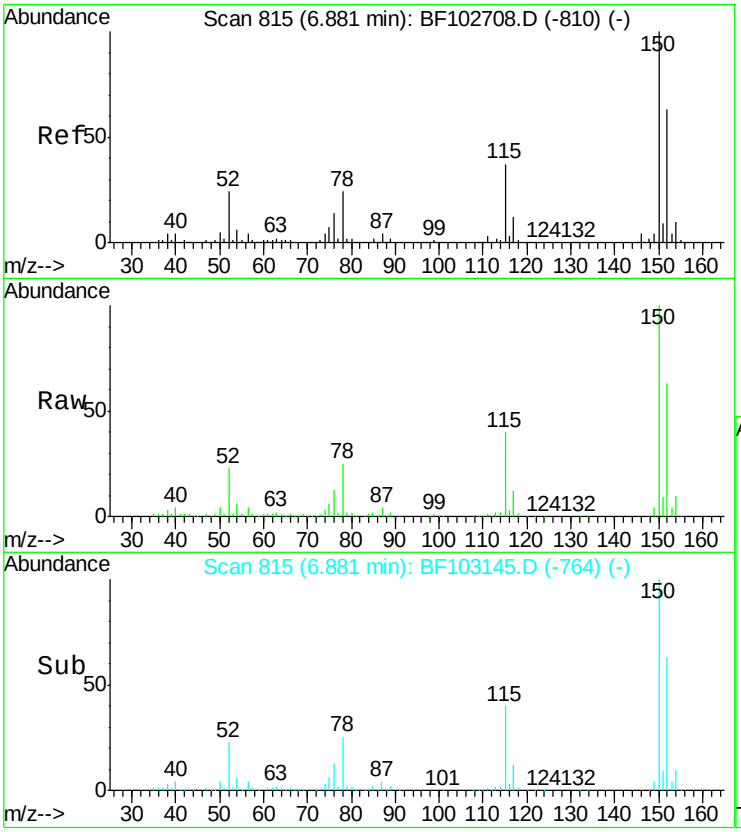
Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF022118\
Data File : BF103145.D
Acq On : 21 Feb 2018 19:12
Operator : SJ/JU
Sample : J1619-01
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :

Quant Time: Feb 22 00:36:51 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



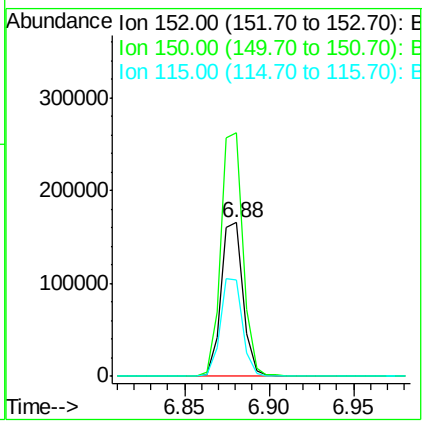


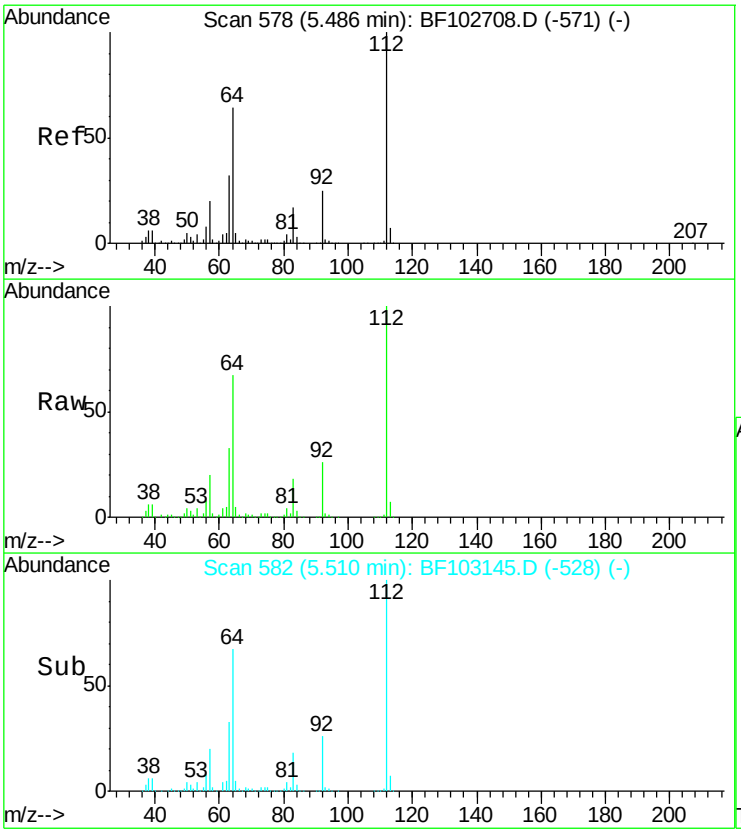
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.88 min Scan# 815
Delta R.T. 0.00 min
Lab File: BF103145.D
Acq: 21 Feb 2018 19:12

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:152 Resp: 150061

Ion	Ratio	Lower	Upper
152	100		
150	158.3	124.6	186.8
115	62.9	50.1	75.1

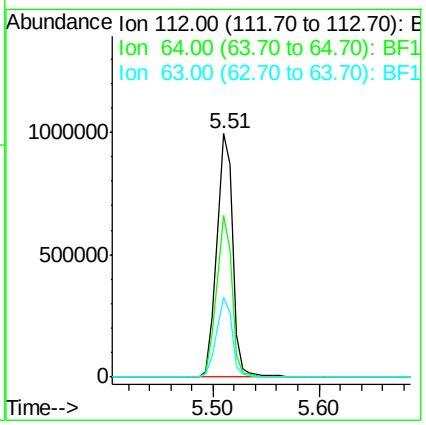


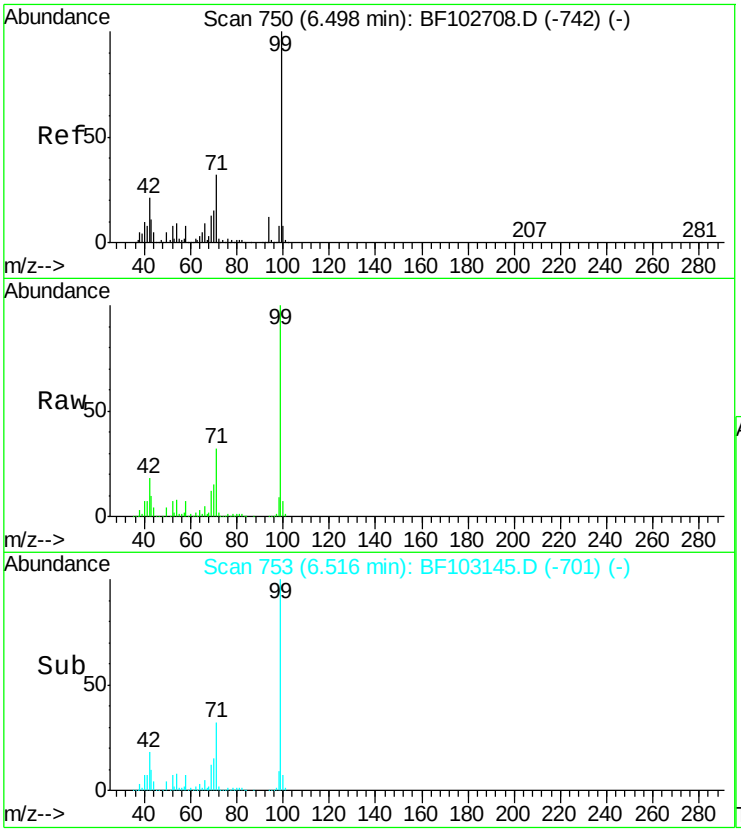


#5
2-Fluorophenol
Concen: 109.059 ng
RT: 5.51 min Scan# 582
Delta R.T. 0.02 min
Lab File: BF103145.D
Acq: 21 Feb 2018 19:12

Tgt Ion:112 Resp: 1077620

Ion	Ratio	Lower	Upper
112	100		
64	66.5	47.9	71.9
63	32.8	23.7	35.5



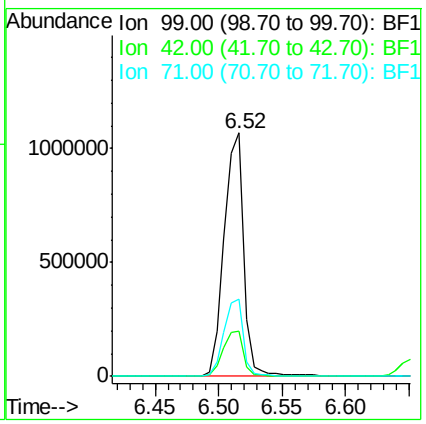


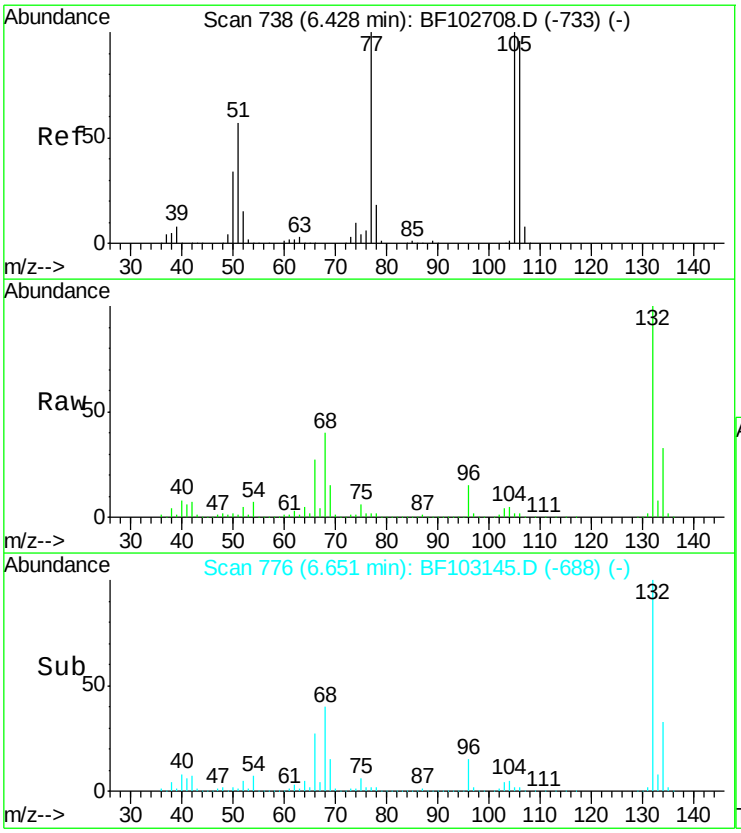
#7
Phenol-d6
Concen: 96.648 ng
RT: 6.52 min Scan# 753
Delta R.T. 0.01 min
Lab File: BF103145.D
Acq: 21 Feb 2018 19:12

Instrument :
BNA_F
ClientSampleId :

Tgt Ion: 99 Resp: 1149873

Ion	Ratio	Lower	Upper
99	100		
42	18.4	14.5	21.7
71	31.9	25.4	38.0

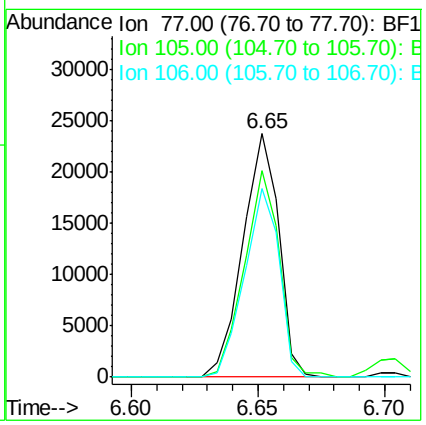


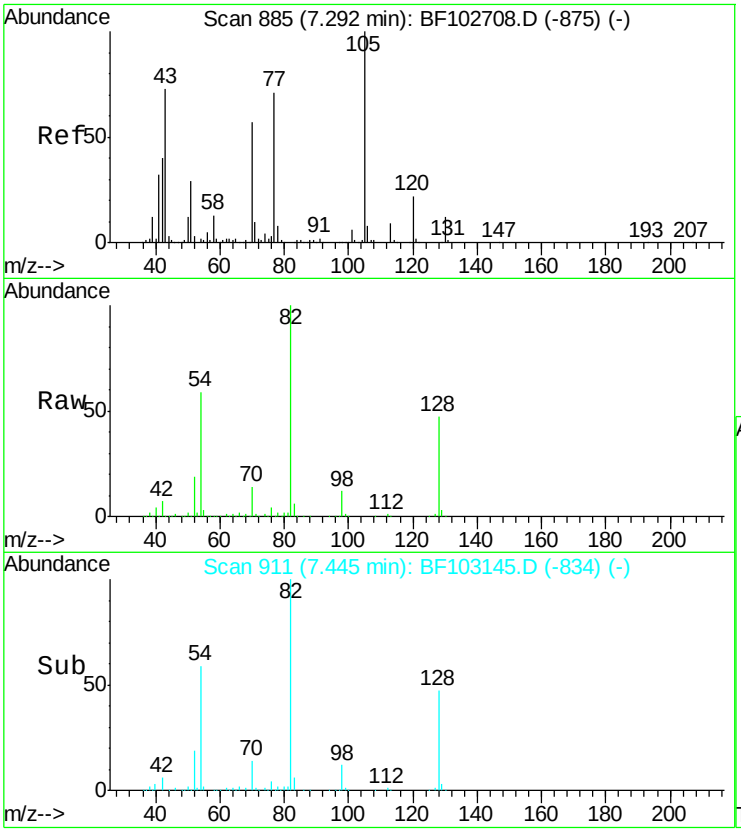


#9
Benzaldehyde
Concen: 2.647 ng
RT: 6.65 min Scan# 776
Delta R.T. 0.22 min
Lab File: BF103145.D
Acq: 21 Feb 2018 19:12

Tgt Ion: 77 Resp: 23388

Ion	Ratio	Lower	Upper
77	100		
105	84.9	81.1	121.1
106	77.4	74.5	114.5



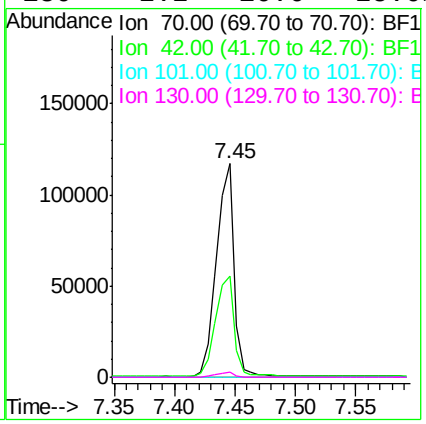


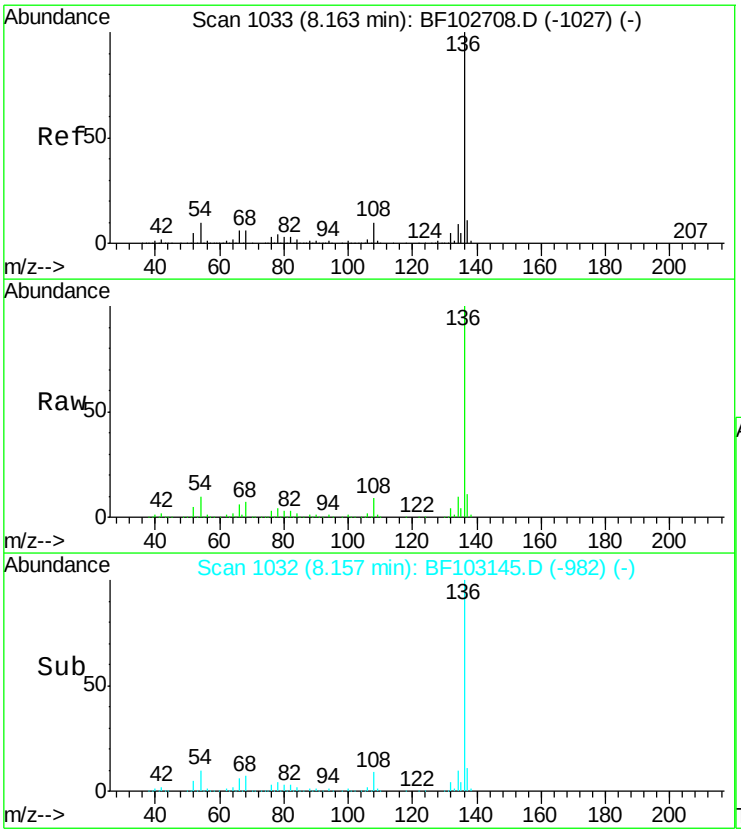
#19
n-Nitroso-di-n-propylamine
Concen: 15.269 ng
RT: 7.45 min Scan# 911
Delta R.T. 0.15 min
Lab File: BF103145.D
Acq: 21 Feb 2018 19:12

Instrument :
BNA_F
ClientSampleId :

Tgt Ion: 70 Resp: 119773

Ion	Ratio	Lower	Upper
70	100		
42	47.5	47.5	71.3#
101	0.0	7.4	11.2#
130	2.2	16.6	25.0#

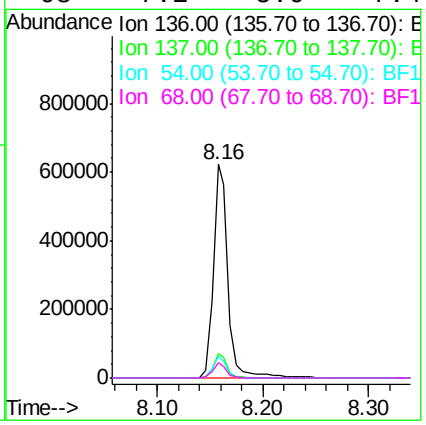


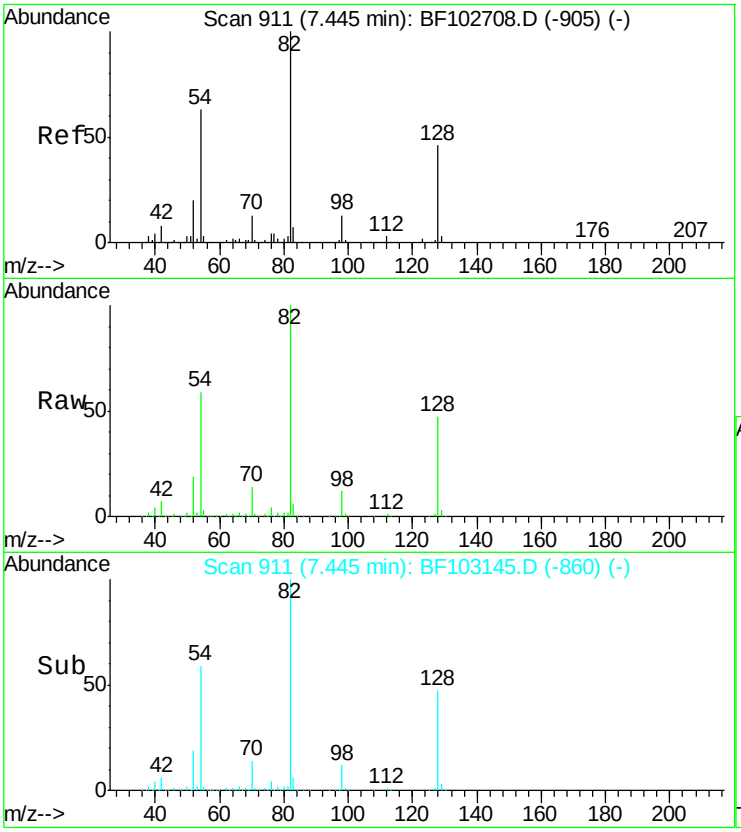


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.16 min Scan# 1032
Delta R.T. -0.01 min
Lab File: BF103145.D
Acq: 21 Feb 2018 19:12

Tgt Ion:136 Resp: 609767

Ion	Ratio	Lower	Upper
136	100		
137	11.3	8.9	13.3
54	10.1	6.6	9.8#
68	7.2	5.0	7.4



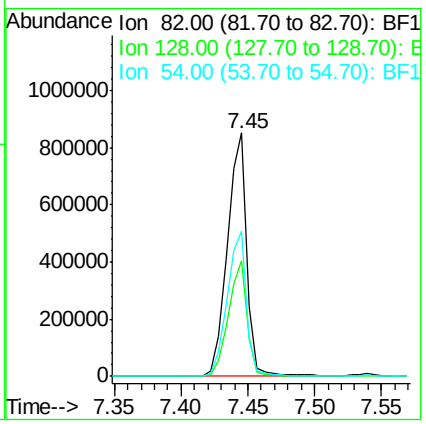


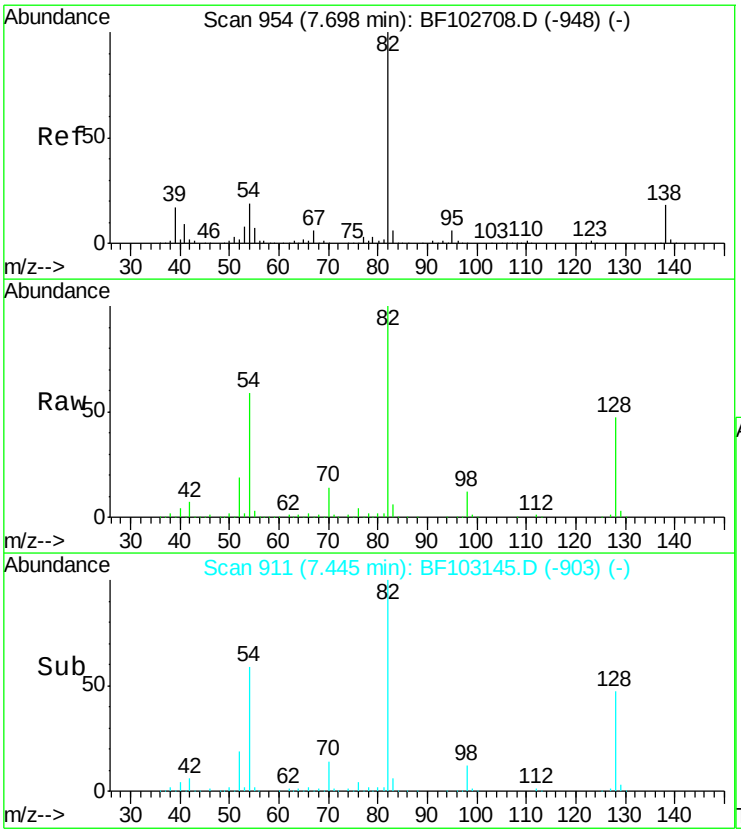
#23
Nitrobenzene-d5
Concen: 99.337 ng
RT: 7.45 min Scan# 911
Delta R.T. 0.00 min
Lab File: BF103145.D
Acq: 21 Feb 2018 19:12

Instrument :
BNA_F
ClientSampleId :

Tgt Ion: 82 Resp: 873174

Ion	Ratio	Lower	Upper
82	100		
128	47.4	36.1	54.1
54	59.4	41.4	62.2

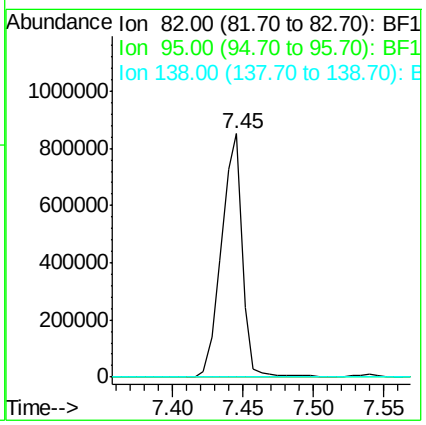


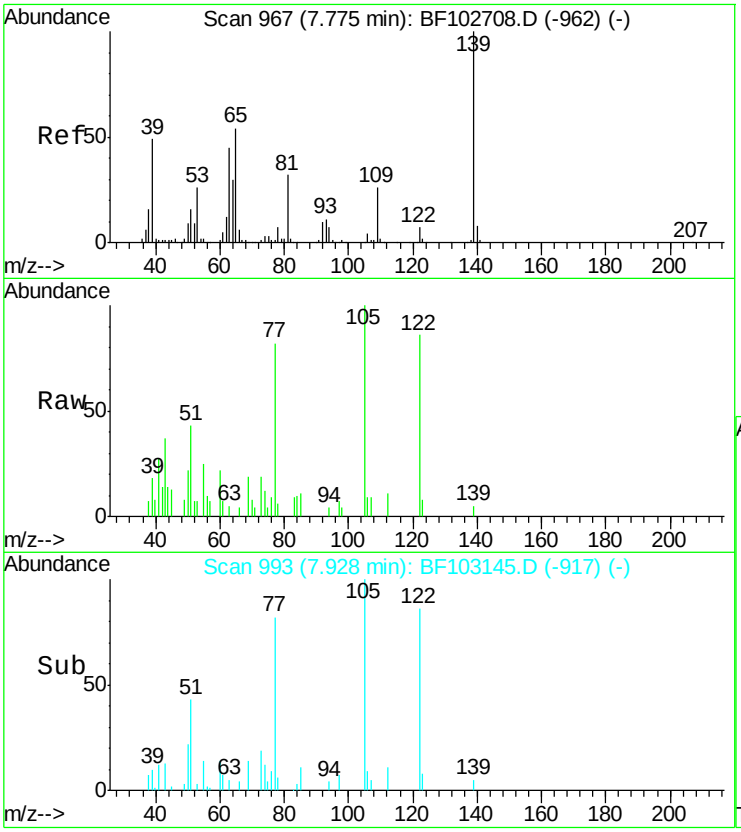


#25
Isophorone
Concen: 43.140 ng
RT: 7.45 min Scan# 911
Delta R.T. -0.25 min
Lab File: BF103145.D
Acq: 21 Feb 2018 19:12

Tgt Ion: 82 Resp: 873160

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



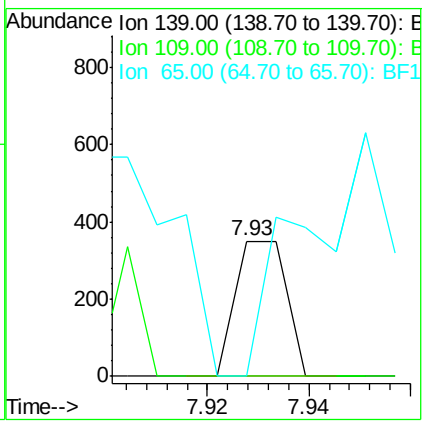


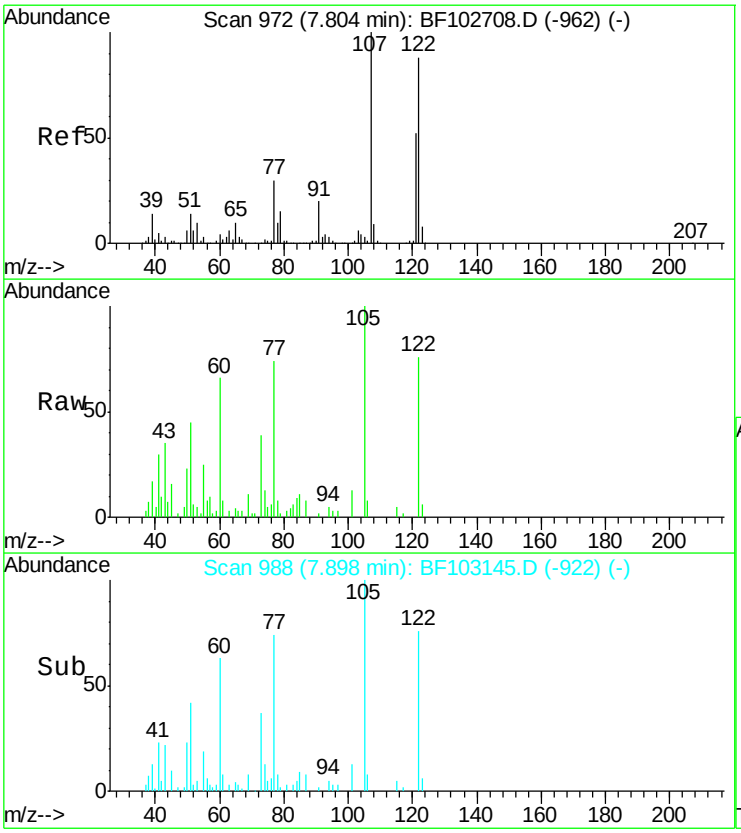
#26
2-Nitrophenol
Concen: 8.714 ng
RT: 7.93 min Scan# 993
Delta R.T. 0.15 min
Lab File: BF103145.D
Acq: 21 Feb 2018 19:12

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:139 Resp: 247

Ion	Ratio	Lower	Upper
139	100		
109	0.0	22.7	34.1#
65	0.0	40.5	60.7#

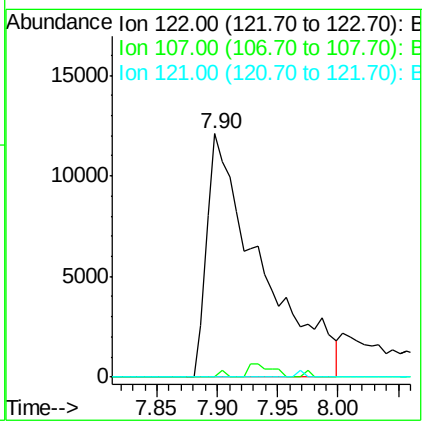


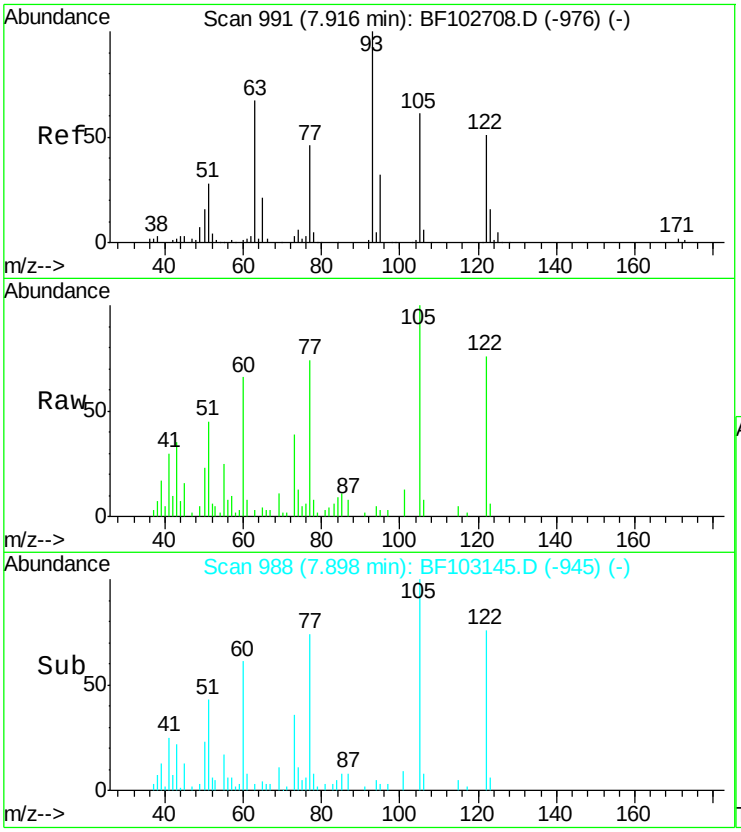


#27
2,4-Dimethylphenol
Concen: 4.333 ng
RT: 7.90 min Scan# 988
Delta R.T. 0.09 min
Lab File: BF103145.D
Acq: 21 Feb 2018 19:12

Tgt Ion:122 Resp: 37048

Ion	Ratio	Lower	Upper
122	100		
107	0.0	91.2	136.8#
121	0.0	47.2	70.8#



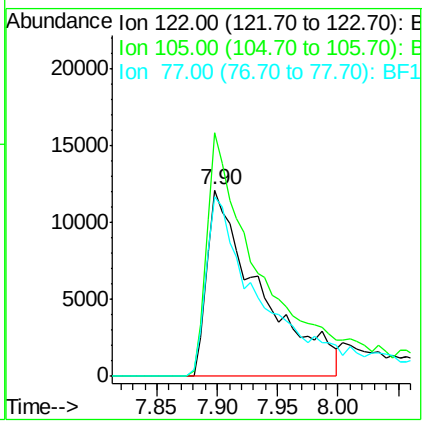


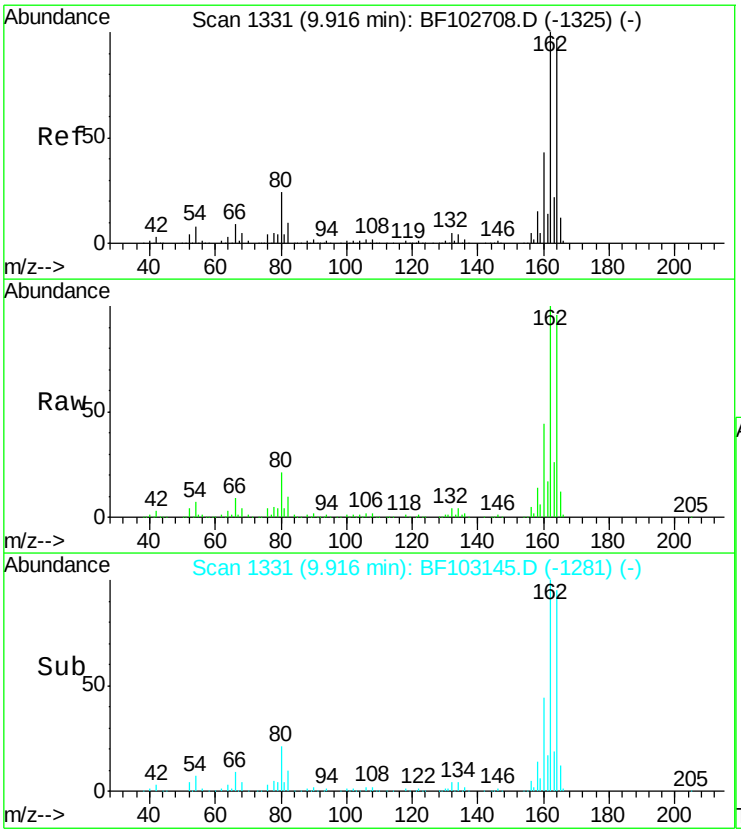
#32
Benzoic acid
Concen: 14.337 ng
RT: 7.90 min Scan# 988
Delta R.T. -0.05 min
Lab File: BF103145.D
Acq: 21 Feb 2018 19:12

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:122 Resp: 37048

Ion	Ratio	Lower	Upper
122	100		
105	130.9	101.1	141.1
77	96.8	70.7	110.7

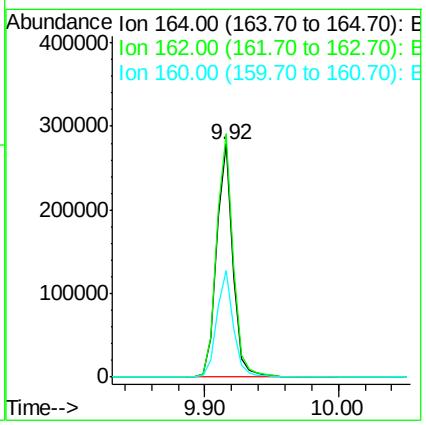


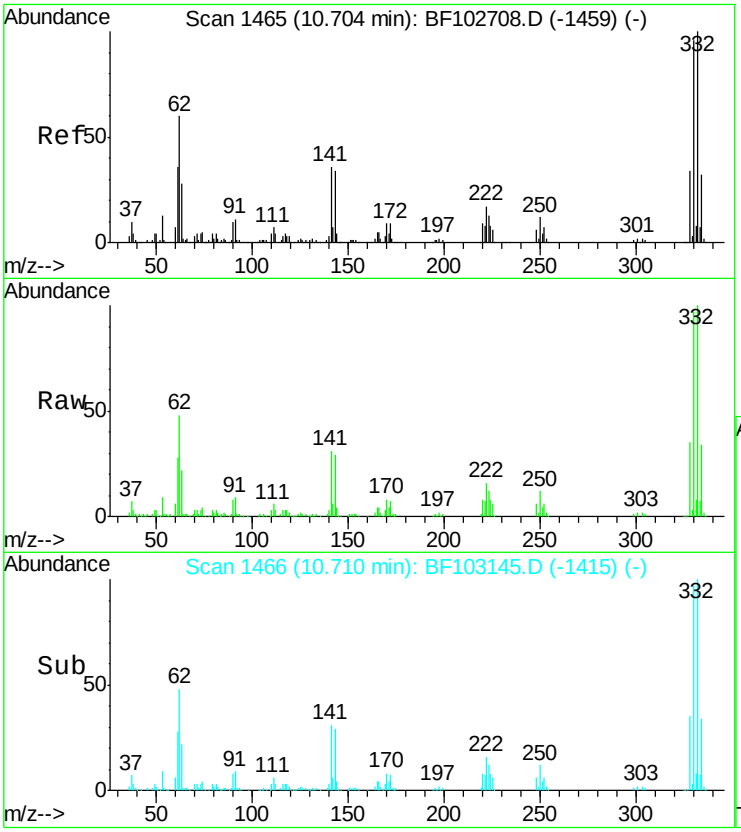


#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.92 min Scan# 1331
Delta R.T. -0.01 min
Lab File: BF103145.D
Acq: 21 Feb 2018 19:12

Tgt Ion:164 Resp: 241516

Ion	Ratio	Lower	Upper
164	100		
162	104.4	86.1	129.1
160	45.9	38.3	57.5



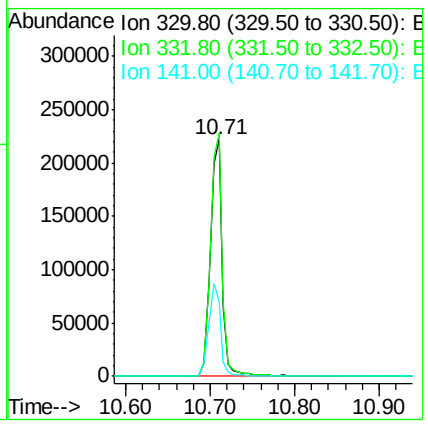


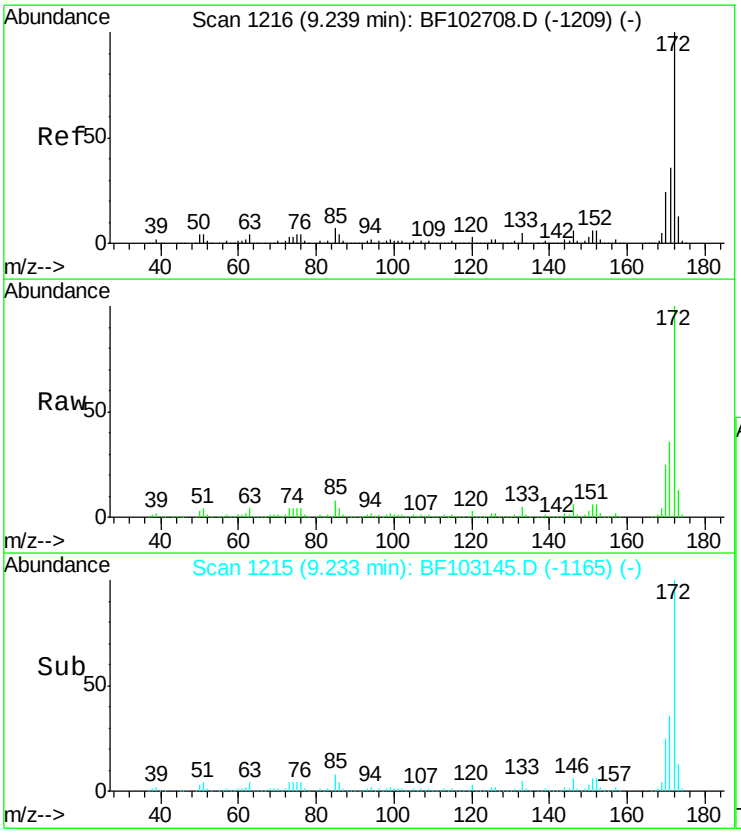
#41
2,4,6-Tribromophenol
Concen: 114.106 ng
RT: 10.71 min Scan# 1466
Delta R.T. 0.00 min
Lab File: BF103145.D
Acq: 21 Feb 2018 19:12

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:330 Resp: 221814

Ion	Ratio	Lower	Upper
330	100		
332	102.4	77.0	115.6
141	39.1	29.9	44.9

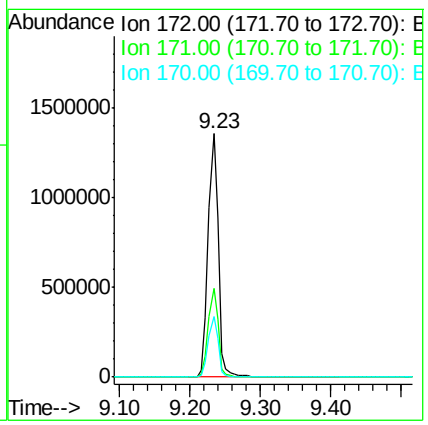


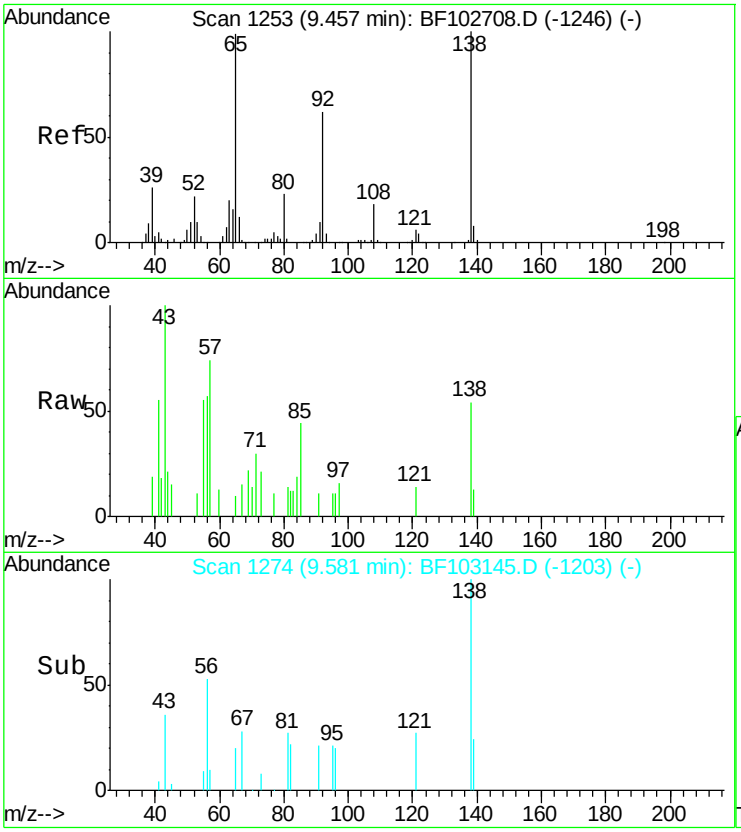


#44
2-Fluorobiphenyl
Concen: 93.019 ng
RT: 9.23 min Scan# 1215
Delta R.T. -0.01 min
Lab File: BF103145.D
Acq: 21 Feb 2018 19:12

Tgt Ion:172 Resp: 1353876

Ion	Ratio	Lower	Upper
172	100		
171	36.4	29.7	44.5
170	24.7	19.6	29.4



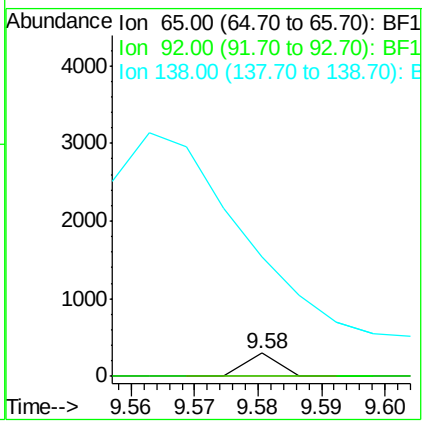


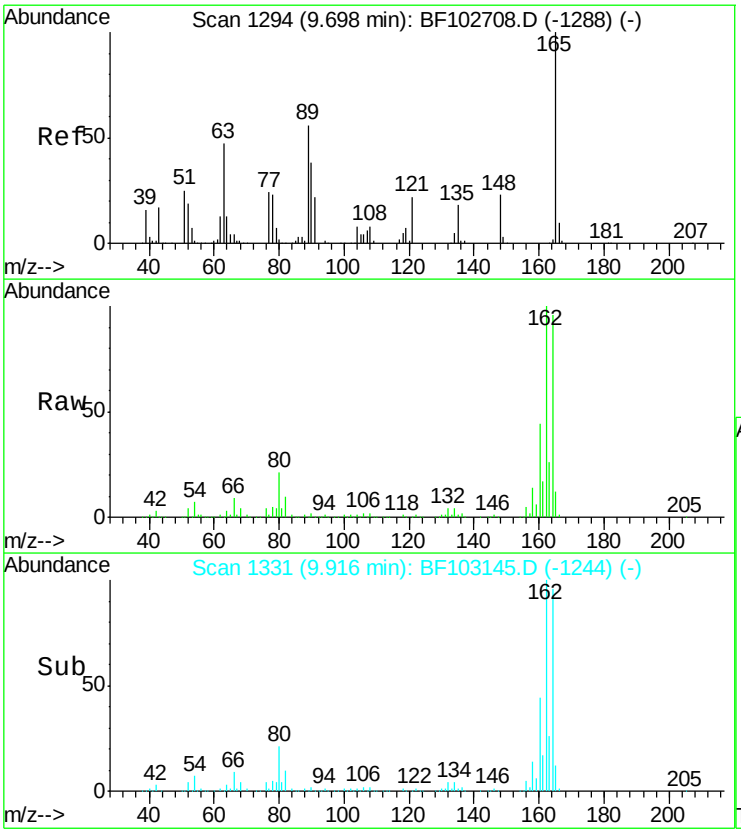
#47
2-Nitroaniline
Concen: 3.492 ng
RT: 9.58 min Scan# 1274
Delta R.T. 0.12 min
Lab File: BF103145.D
Acq: 21 Feb 2018 19:12

Instrument :
BNA_F
ClientSampleId :

Tgt Ion: 65 Resp: 106

Ion	Ratio	Lower	Upper
65	100		
92	0.0	55.8	83.6#
138	510.3	91.2	136.8#

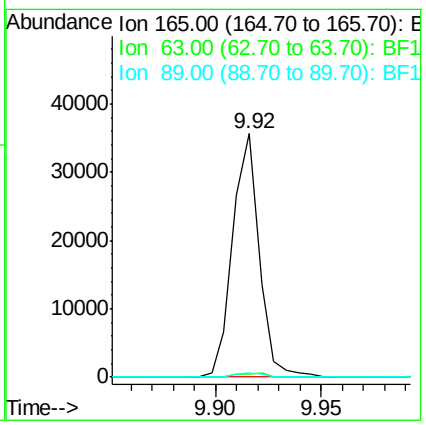


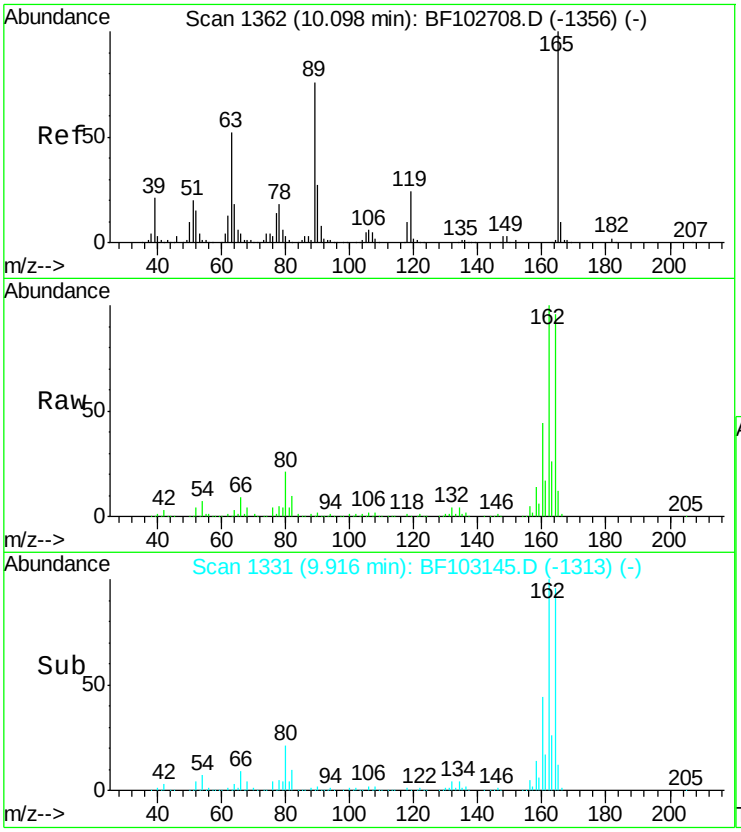


#50
2,6-Dinitrotoluene
Concen: 8.597 ng
RT: 9.92 min Scan# 1331
Delta R.T. 0.21 min
Lab File: BF103145.D
Acq: 21 Feb 2018 19:12

Tgt Ion:165 Resp: 30800

Ion	Ratio	Lower	Upper
165	100		
63	1.1	44.7	67.1#
89	1.6	44.0	66.0#



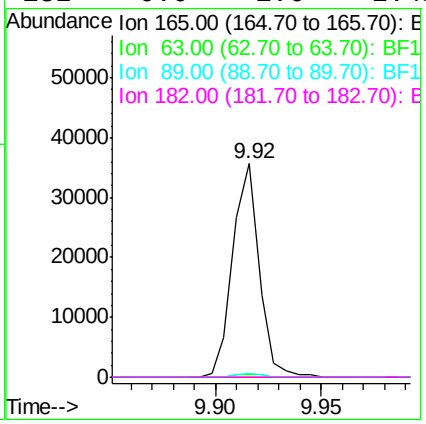


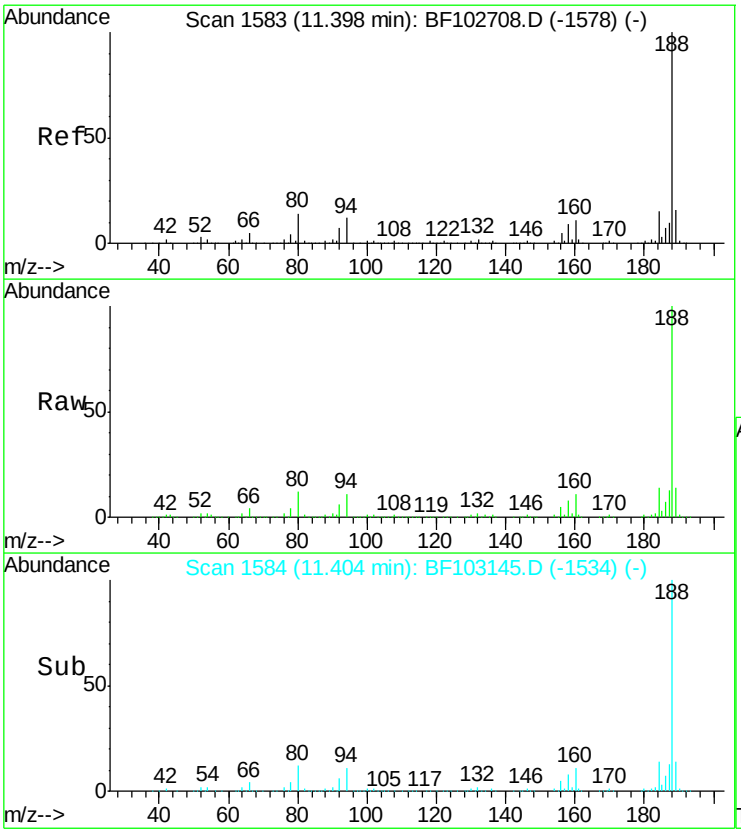
#56
2,4-Dinitrotoluene
Concen: 9.075 ng
RT: 9.92 min Scan# 1331
Delta R.T. -0.19 min
Lab File: BF103145.D
Acq: 21 Feb 2018 19:12

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:165 Resp: 30800

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

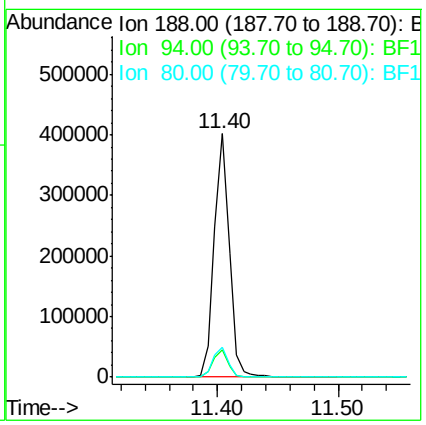


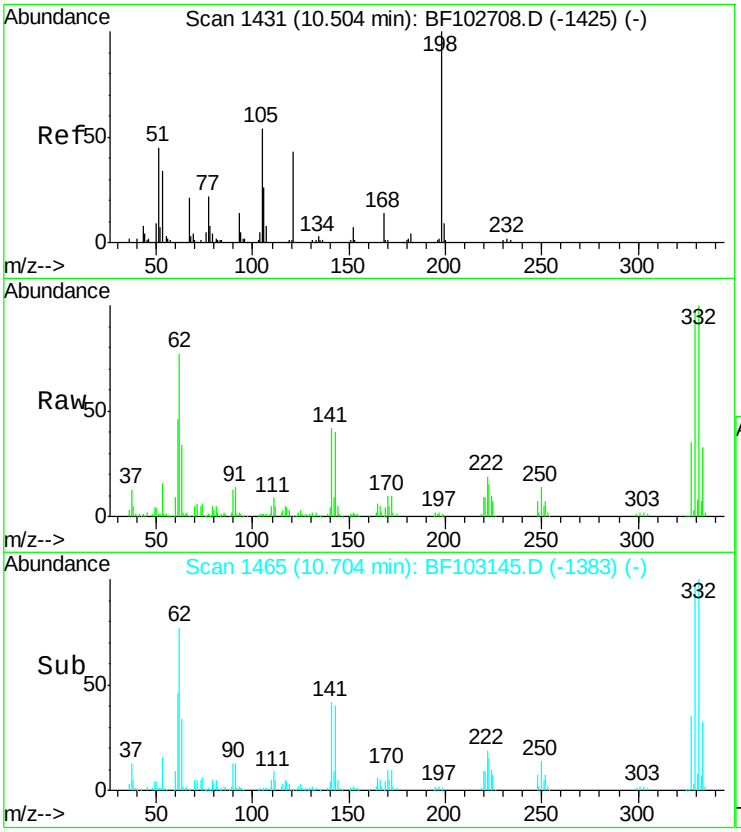


#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.40 min Scan# 1584
Delta R.T. -0.01 min
Lab File: BF103145.D
Acq: 21 Feb 2018 19:12

Tgt Ion:188 Resp: 344191

Ion	Ratio	Lower	Upper
188	100		
94	11.5	8.5	12.7
80	12.2	9.2	13.8



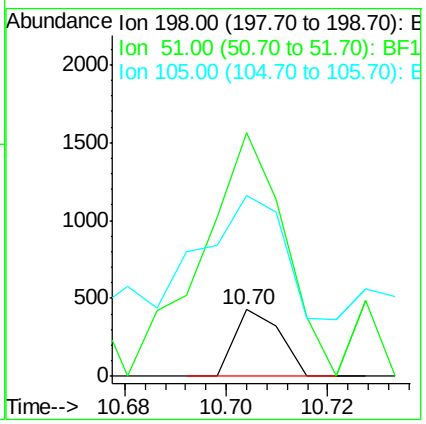


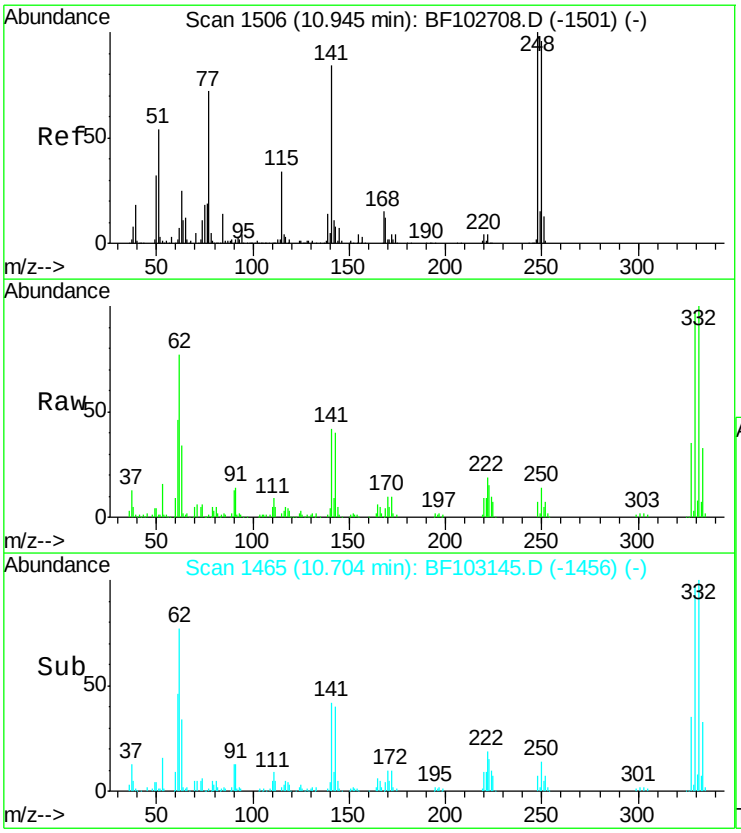
#64
4,6-Dinitro-2-methylphenol
Concen: 8.963 ng
RT: 10.70 min Scan# 1465
Delta R.T. 0.18 min
Lab File: BF103145.D
Acq: 21 Feb 2018 19:12

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:198 Resp: 264

Ion	Ratio	Lower	Upper
198	100		
51	365.2	37.7	77.7#
105	271.5	36.3	76.3#

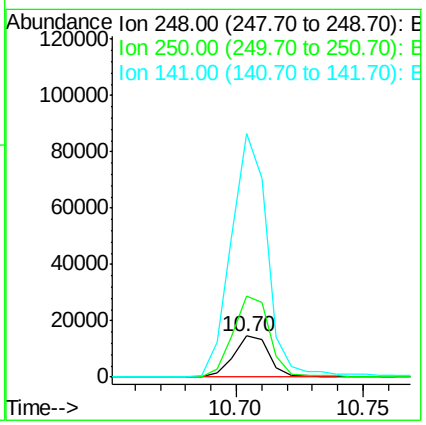


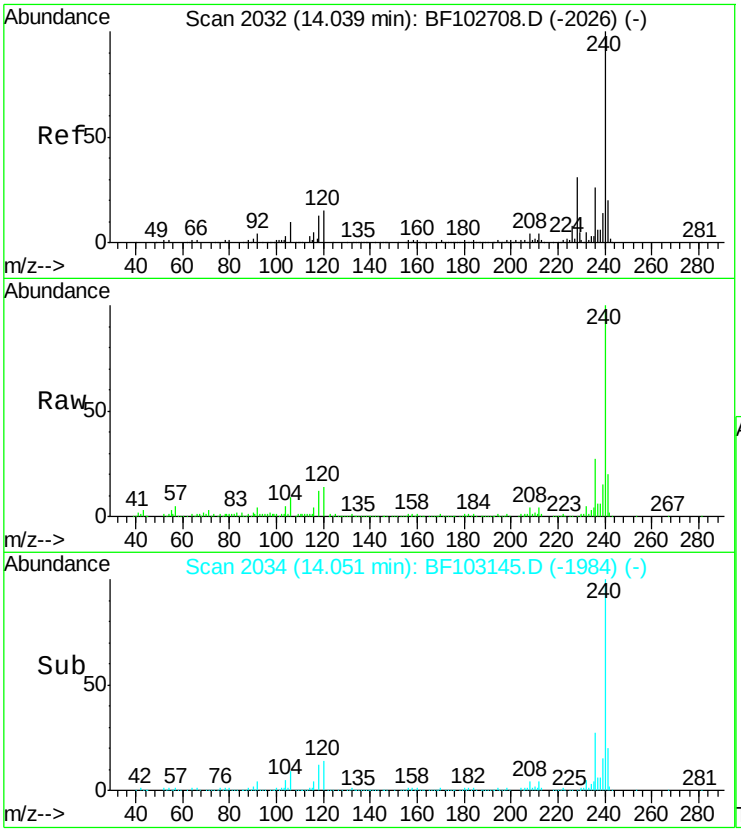


#66
4-Bromophenyl-phenylether
Concen: 3.903 ng
RT: 10.70 min Scan# 1465
Delta R.T. -0.25 min
Lab File: BF103145.D
Acq: 21 Feb 2018 19:12

Tgt Ion:248 Resp: 14212

Ion	Ratio	Lower	Upper
248	100		
250	196.2	76.9	115.3#
141	592.1	74.4	111.6#



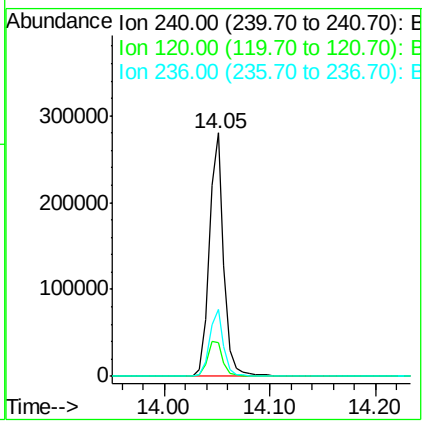


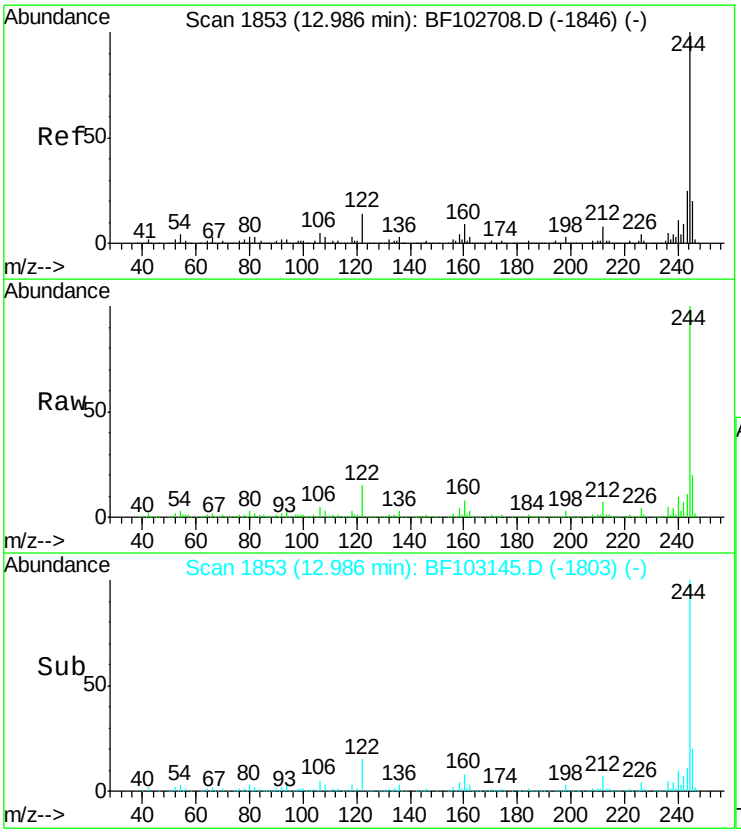
#75
Chrysene-d12
Concen: 20.000 ng
RT: 14.05 min Scan# 2034
Delta R.T. -0.01 min
Lab File: BF103145.D
Acq: 21 Feb 2018 19:12

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:240 Resp: 267886

Ion	Ratio	Lower	Upper
240	100		
120	13.9	9.5	14.3
236	27.4	20.7	31.1

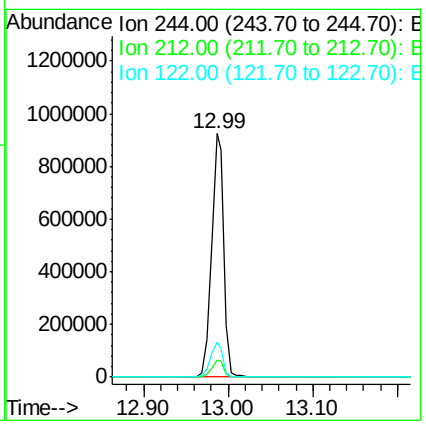


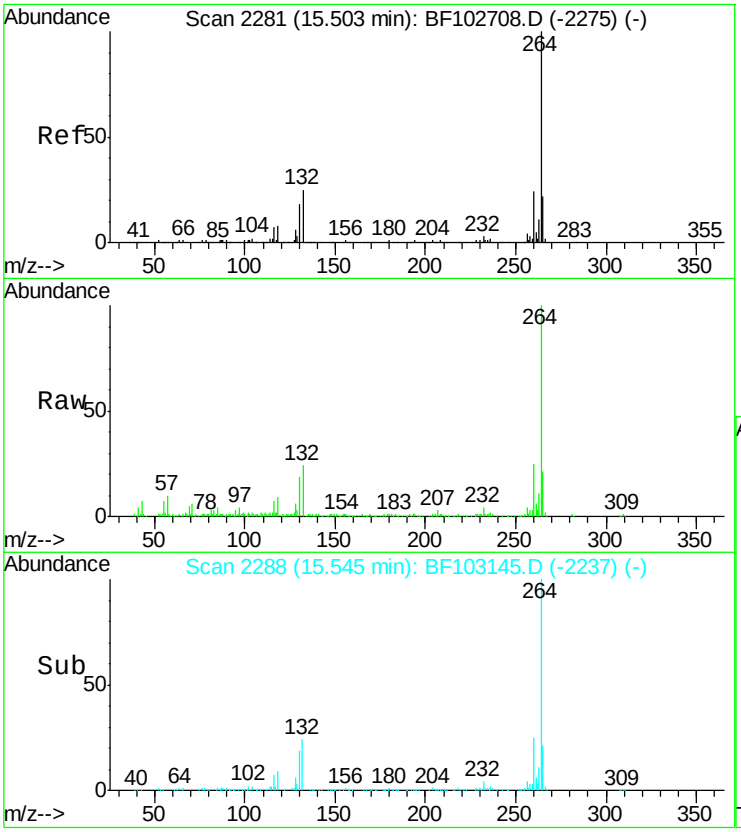


#78
Terphenyl-d14
Concen: 84.615 ng
RT: 12.99 min Scan# 1853
Delta R.T. -0.01 min
Lab File: BF103145.D
Acq: 21 Feb 2018 19:12

Tgt Ion:244 Resp: 957325

Ion	Ratio	Lower	Upper
244	100		
212	7.0	5.4	8.0
122	14.6	11.0	16.4





#86
Perylene-d12
Concen: 20.000 ng
RT: 15.54 min Scan# 2288
Delta R.T. 0.00 min
Lab File: BF103145.D
Acq: 21 Feb 2018 19:12

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:264 Resp: 206498

Ion	Ratio	Lower	Upper
264	100		
260	25.0	19.2	28.8
265	21.4	17.5	26.3