Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF020918\
Data File : BF102886.D
Acq On : 9 Feb 2018 14:05
Operator : SJ/JU
Sample : J1475-13
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId :

Quant Time: Feb 09 15:40:51 2018
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF020318.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Feb 05 12:44:16 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.89	152	164498	20.00	ng		0.00
21) Naphthalene-d8	8.17	136	646036	20.00	ng		0.00
38) Acenaphthene-d10	9.92	164	257678	20.00	ng		0.00
63) Phenanthrene-d10	11.42	188	369022	20.00	ng		0.00
75) Chrysene-d12	14.05	240	316652	20.00	ng		0.00
86) Perylene-d12	15.54	264	301525	20.00	ng		0.01
System Monitoring Compounds							
5) 2-Fluorophenol	5.50	112	1035396	95.59	ng		0.01
7) Phenol-d6	6.52	99	1234171	94.63	ng		0.01
23) Nitrobenzene-d5	7.45	82	809200	86.89	ng		0.00
41) 2,4,6-Tribromophenol	10.72	330	181122	87.33	ng		0.00
44) 2-Fluorobiphenyl	9.25	172	1152180	74.20	ng		0.00
78) Terphenyl-d14	13.00	244	791005	59.15	ng		0.00
Target Compounds							Qvalue
10) Phenol	6.52	94	35856	2.565	ng		78
19) n-Nitroso-di-n-propylamine	7.45	70	109659	12.753	ng	#	84
25) Isophorone	7.45	82	809193	37.735	ng	#	64
32) Benzoic acid	8.17	122	137	8.564	ng	#	1
47) 2-Nitroaniline	9.63	65	1232	3.689	ng	#	1
49) Dimethylphthalate	9.63	163	89922	4.476	ng		100
50) 2,6-Dinitrotoluene	9.92	165	31716	8.297	ng	#	26
56) 2,4-Dinitrotoluene	9.92	165	31717	8.866	ng	#	23
64) 4,6-Dinitro-2-methylphenol	10.71	198	275	8.958	ng	#	1
66) 4-Bromophenyl-phenylether	10.72	248	12803	3.280	ng	#	1

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

Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF020918\
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Acq On : 9 Feb 2018 14:05
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Misc :
ALS Vial : 12 Sample Multiplier: 1

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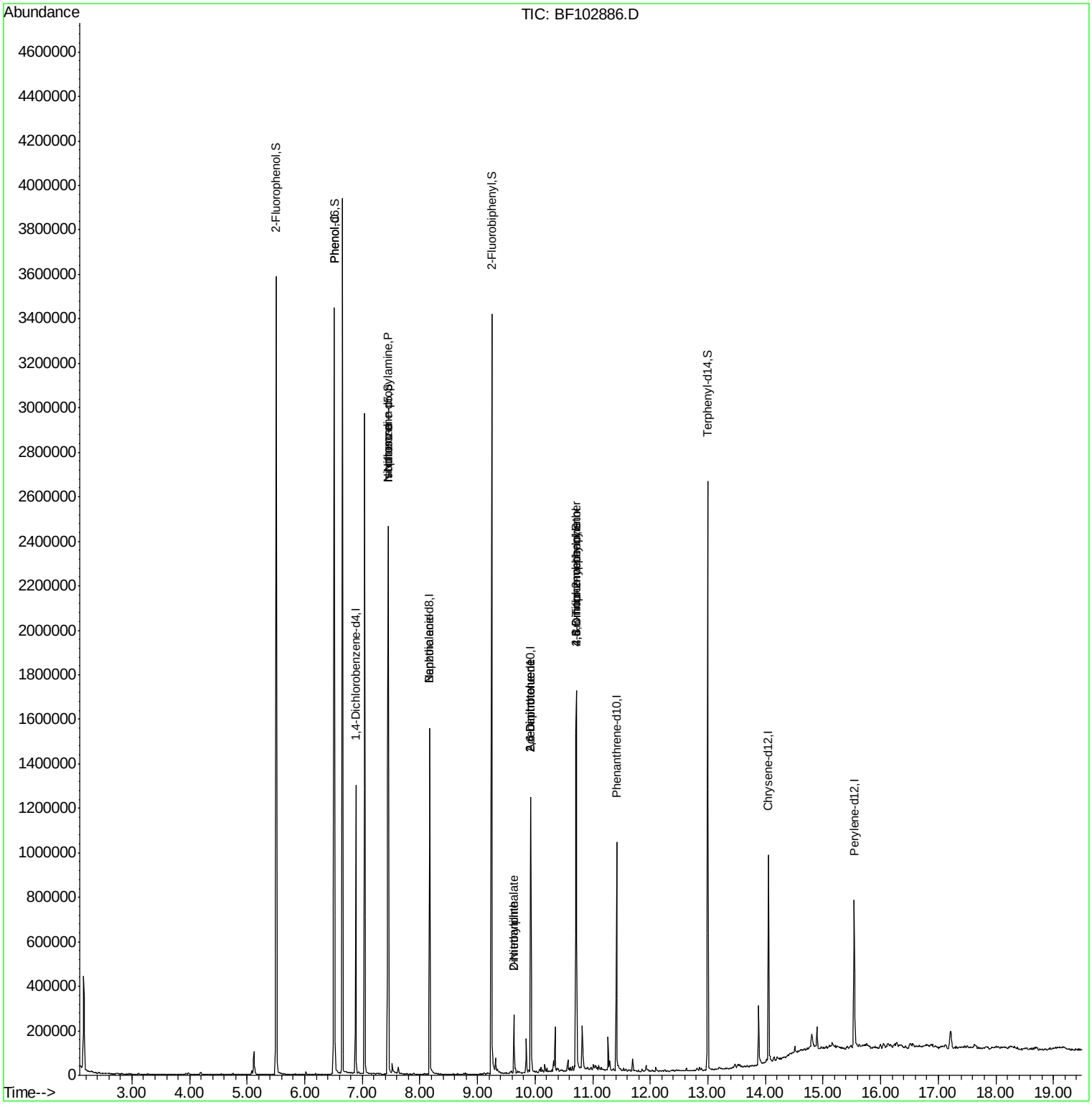
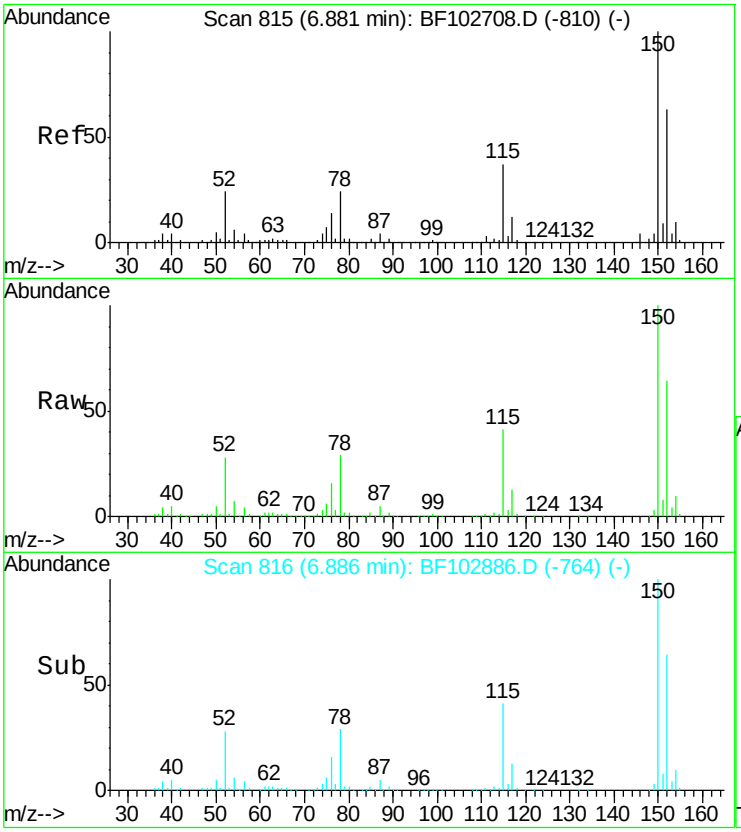


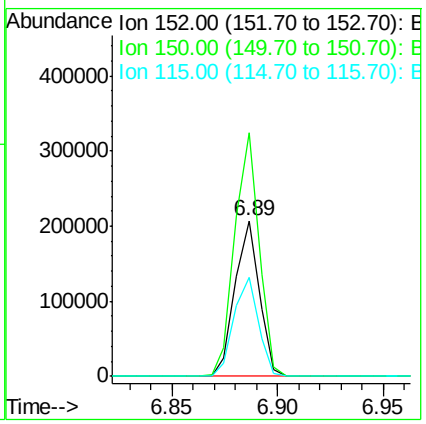


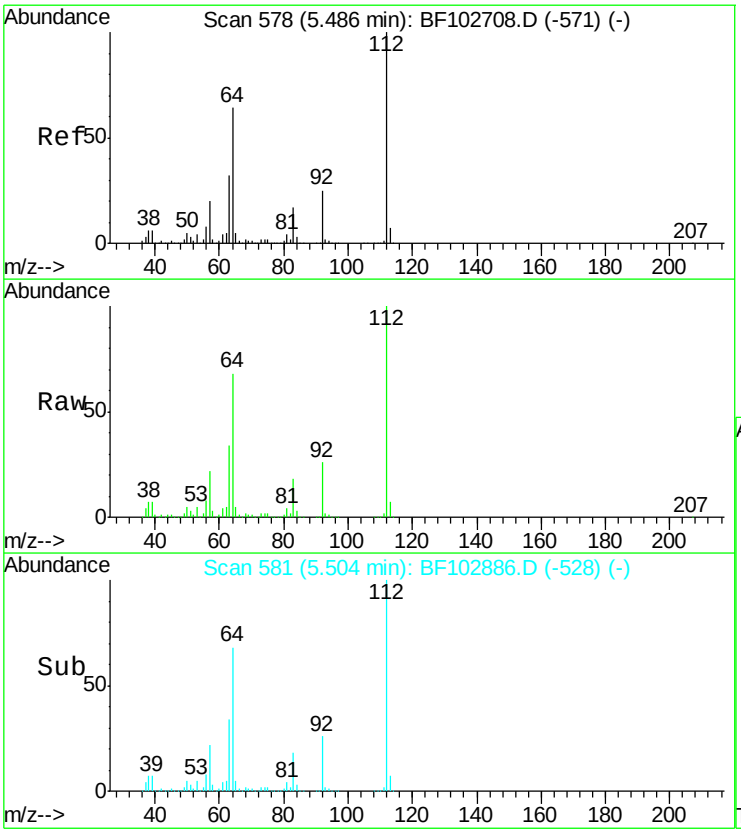
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.89 min Scan# 816
Delta R.T. 0.01 min
Lab File: BF102886.D
Acq: 9 Feb 2018 14:05

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:152 Resp: 164498

Ion	Ratio	Lower	Upper
152	100		
150	156.4	124.6	186.8
115	63.5	50.1	75.1

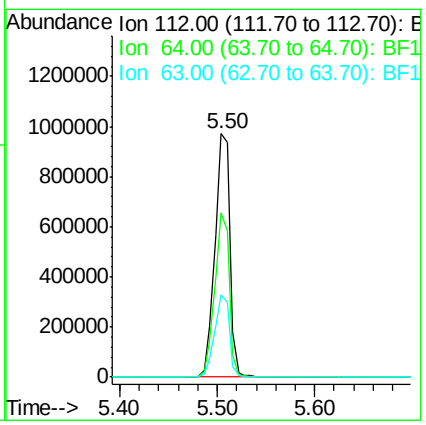


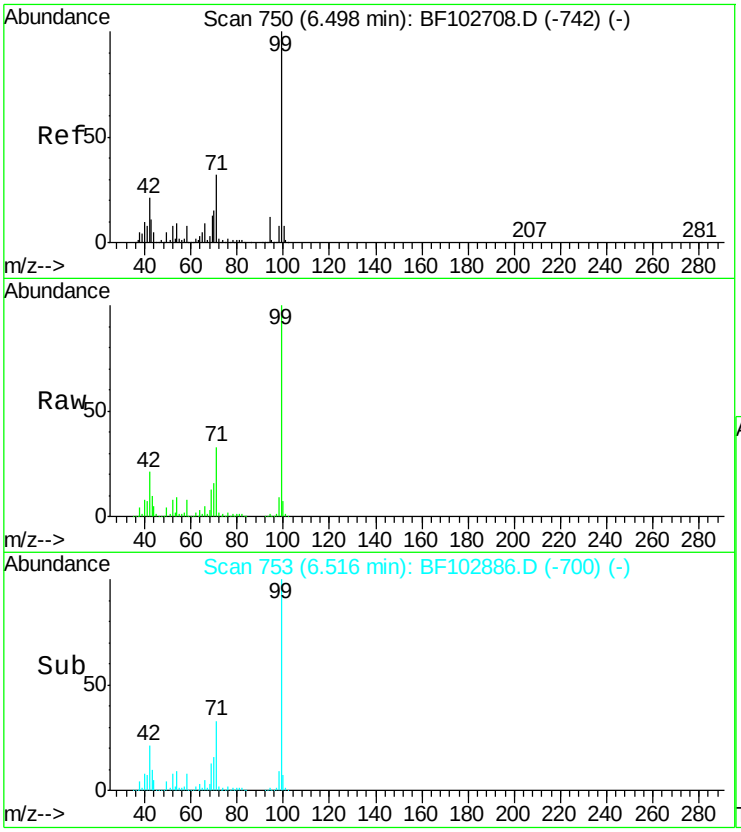


#5
2-Fluorophenol
Concen: 95.589 ng
RT: 5.50 min Scan# 581
Delta R.T. 0.01 min
Lab File: BF102886.D
Acq: 9 Feb 2018 14:05

Tgt Ion:112 Resp: 1035396

Ion	Ratio	Lower	Upper
112	100		
64	67.6	47.9	71.9
63	34.0	23.7	35.5



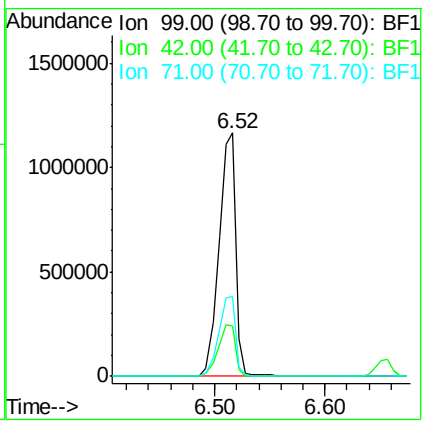


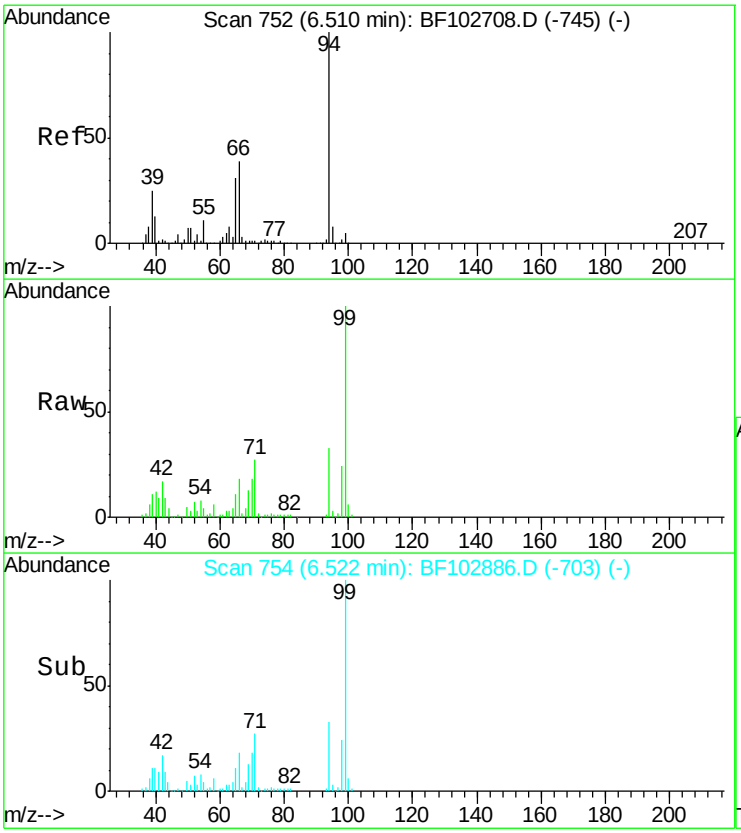
#7
Phenol-d6
Concen: 94.629 ng
RT: 6.52 min Scan# 753
Delta R.T. 0.01 min
Lab File: BF102886.D
Acq: 9 Feb 2018 14:05

Instrument :
BNA_F
ClientSampleId :

Tgt Ion: 99 Resp: 1234171

Ion	Ratio	Lower	Upper
99	100		
42	20.5	14.5	21.7
71	32.6	25.4	38.0

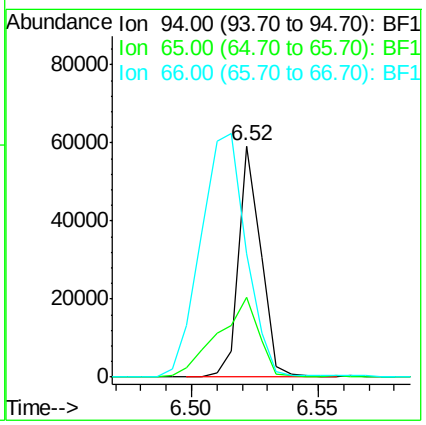


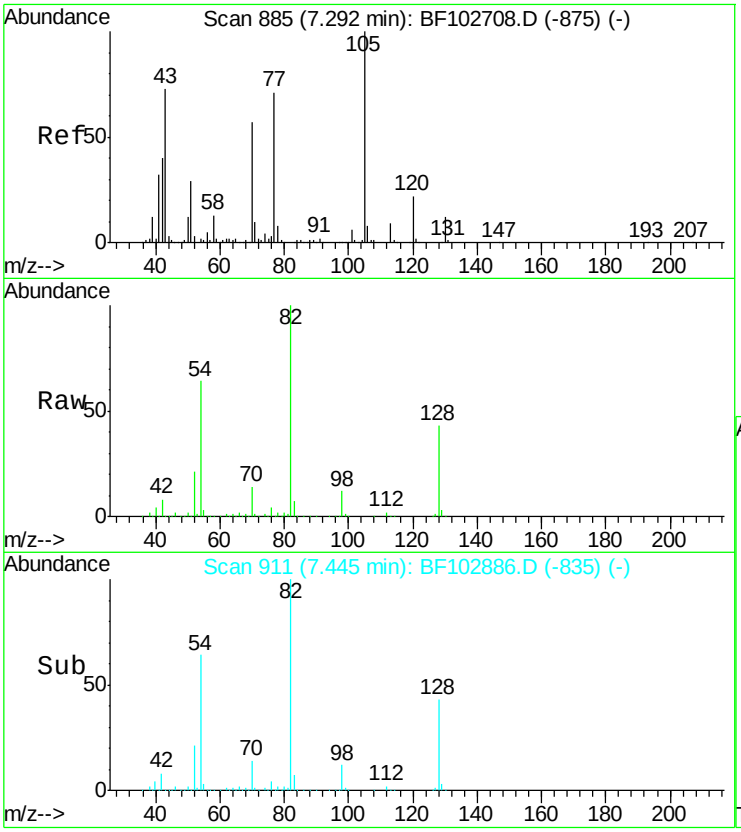


#10
Phenol
Concen: 2.565 ng
RT: 6.52 min Scan# 754
Delta R.T. -0.00 min
Lab File: BF102886.D
Acq: 9 Feb 2018 14:05

Tgt Ion: 94 Resp: 35856

Ion	Ratio	Lower	Upper
94	100		
65	34.4	7.9	47.9
66	53.2	16.2	56.2



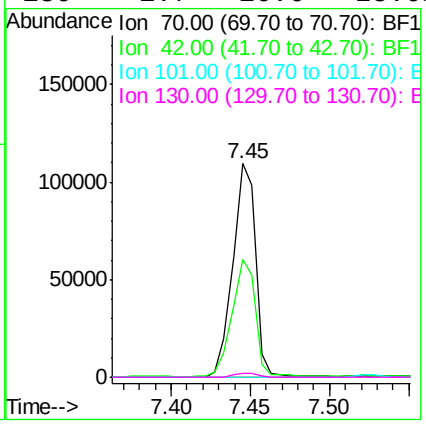


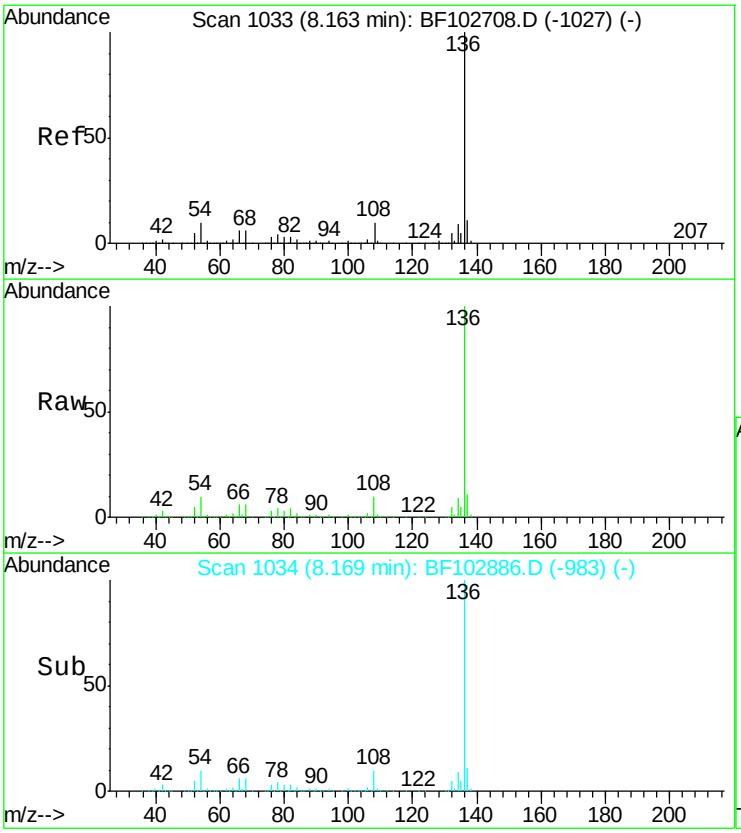
#19
n-Nitroso-di-n-propylamine
Concen: 12.753 ng
RT: 7.45 min Scan# 911
Delta R.T. 0.15 min
Lab File: BF102886.D
Acq: 9 Feb 2018 14:05

Instrument :
BNA_F
ClientSampleId :

Tgt Ion: 70 Resp: 109659

Ion	Ratio	Lower	Upper
70	100		
42	54.9	47.5	71.3
101	0.0	7.4	11.2#
130	1.7	16.6	25.0#

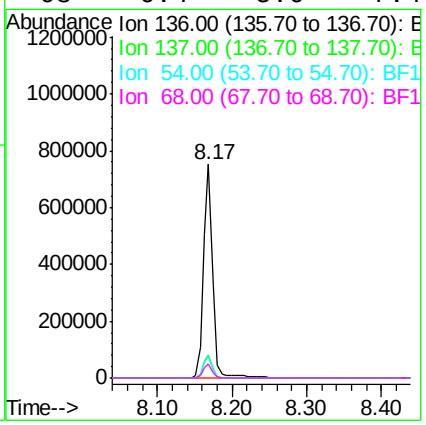


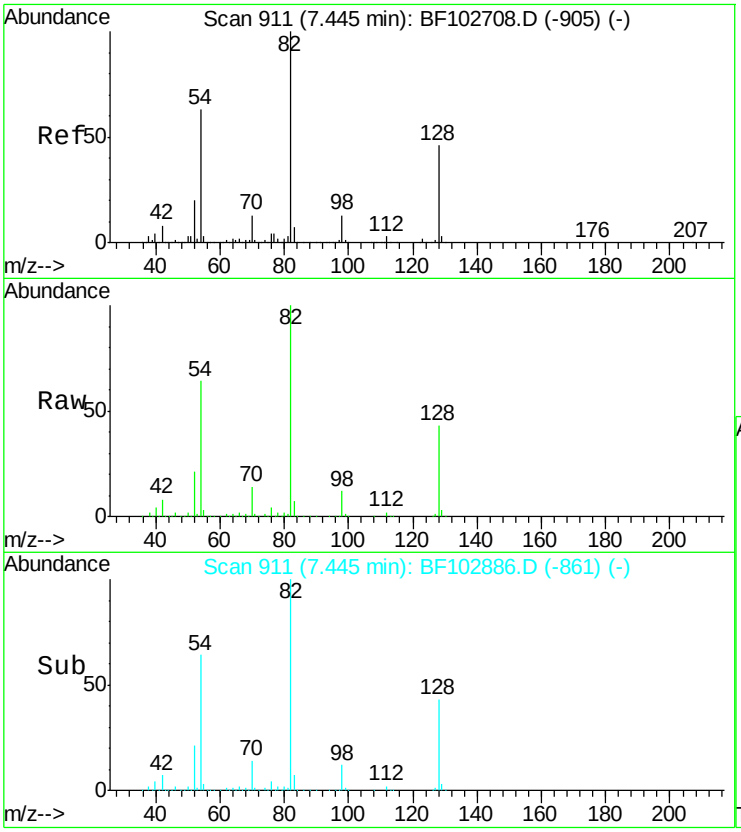


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.17 min Scan# 1034
Delta R.T. -0.00 min
Lab File: BF102886.D
Acq: 9 Feb 2018 14:05

Tgt Ion:136 Resp: 646036

Ion	Ratio	Lower	Upper
136	100		
137	10.8	8.9	13.3
54	9.9	6.6	9.8#
68	6.4	5.0	7.4



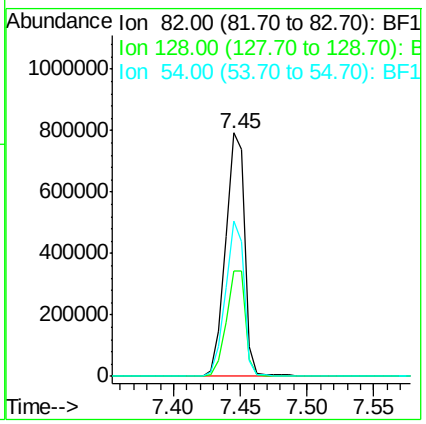


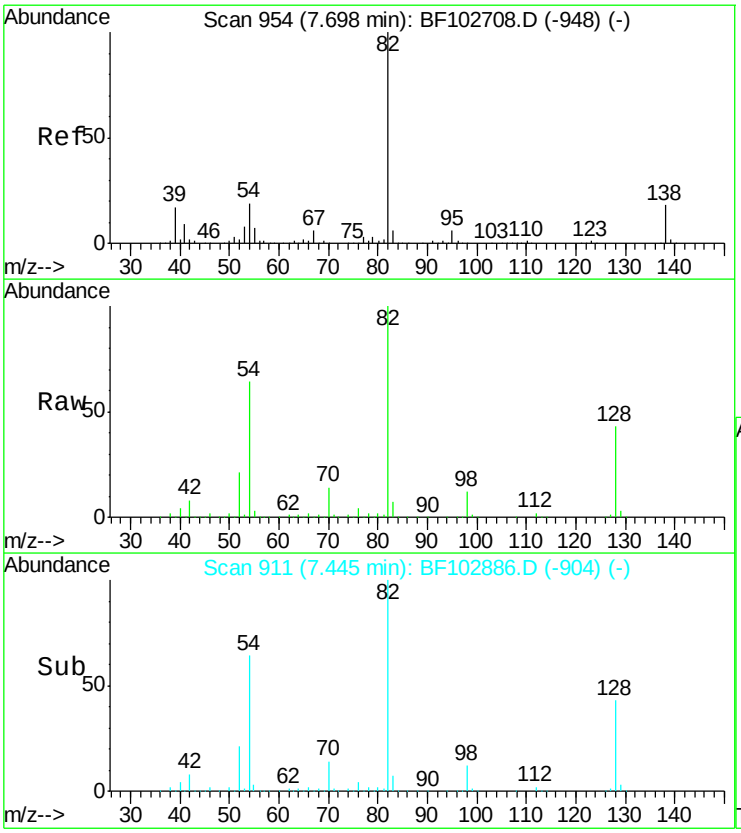
#23
Nitrobenzene-d5
Concen: 86.891 ng
RT: 7.45 min Scan# 911
Delta R.T. -0.01 min
Lab File: BF102886.D
Acq: 9 Feb 2018 14:05

Instrument :
BNA_F
ClientSampleId :

Tgt Ion: 82 Resp: 809200

Ion	Ratio	Lower	Upper
82	100		
128	43.0	36.1	54.1
54	64.0	41.4	62.2#

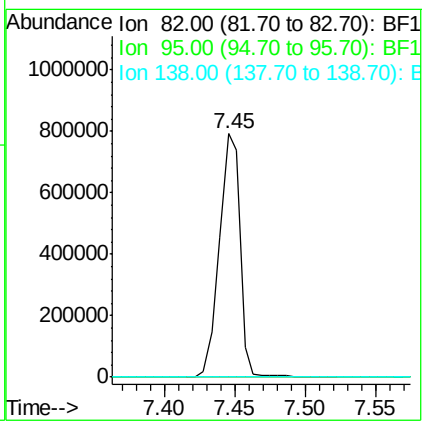


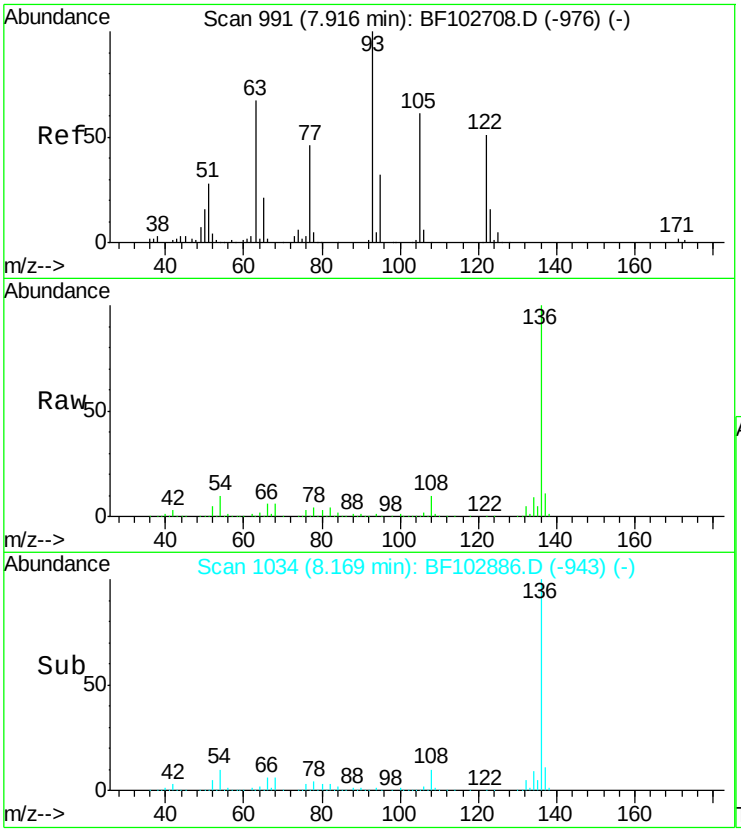


#25
Isophorone
Concen: 37.735 ng
RT: 7.45 min Scan# 911
Delta R.T. -0.26 min
Lab File: BF102886.D
Acq: 9 Feb 2018 14:05

Tgt Ion: 82 Resp: 809193

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



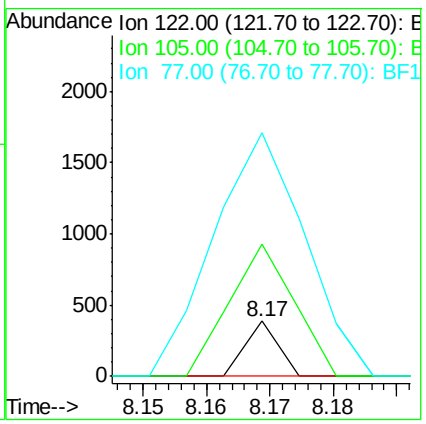


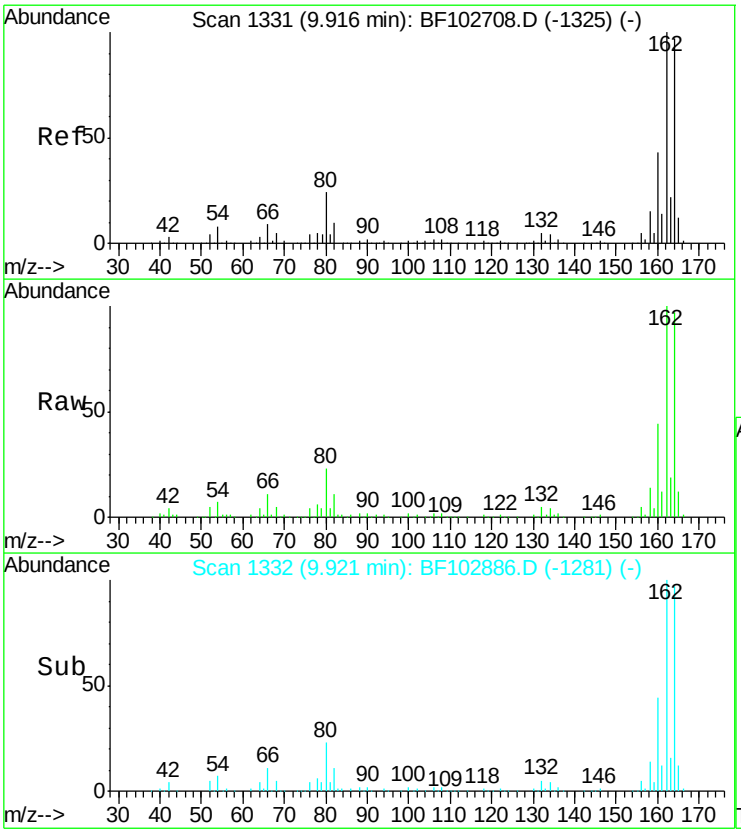
#32
Benzoic acid
Concen: 8.564 ng
RT: 8.17 min Scan# 1034
Delta R.T. 0.24 min
Lab File: BF102886.D
Acq: 9 Feb 2018 14:05

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:122 Resp: 137

Ion	Ratio	Lower	Upper
122	100		
105	239.1	101.1	141.1#
77	439.6	70.7	110.7#

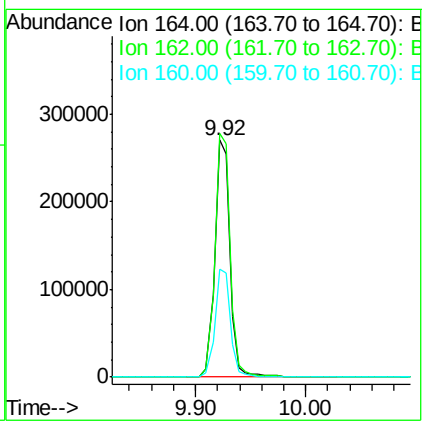


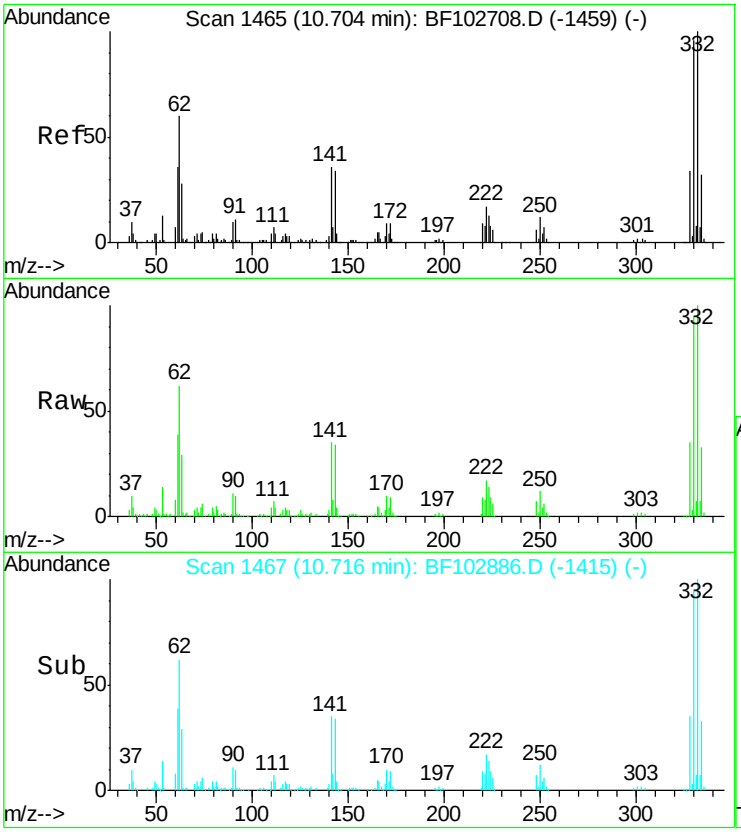


#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.92 min Scan# 1332
Delta R.T. -0.00 min
Lab File: BF102886.D
Acq: 9 Feb 2018 14:05

Tgt Ion:164 Resp: 257678

Ion	Ratio	Lower	Upper
164	100		
162	102.7	86.1	129.1
160	45.7	38.3	57.5



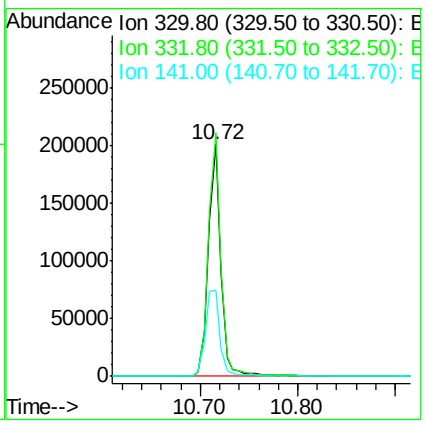


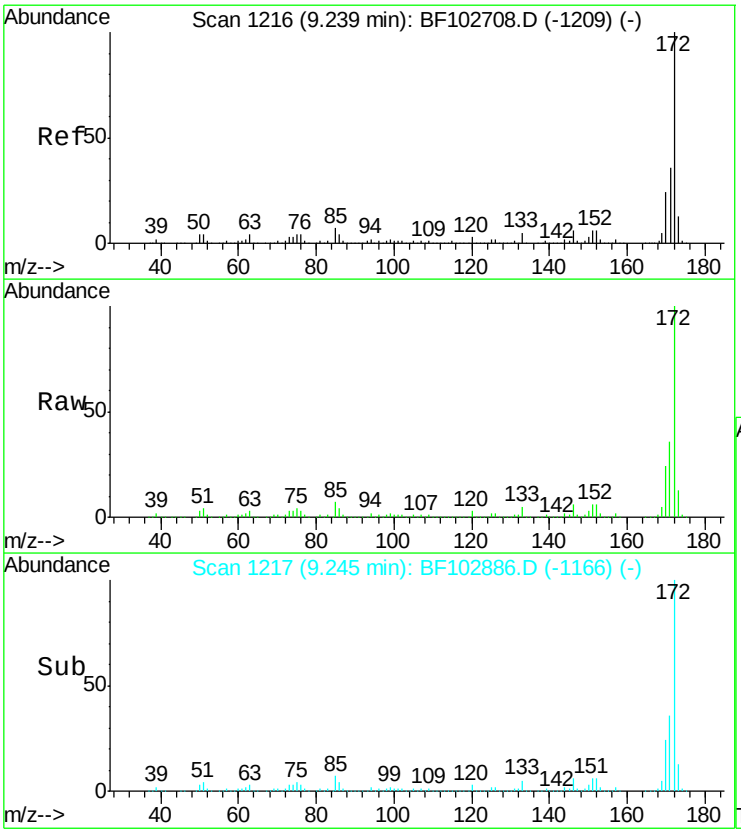
#41
2,4,6-Tribromophenol
Concen: 87.330 ng
RT: 10.72 min Scan# 1467
Delta R.T. 0.01 min
Lab File: BF102886.D
Acq: 9 Feb 2018 14:05

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:330 Resp: 181122

Ion	Ratio	Lower	Upper
330	100		
332	104.9	77.0	115.6
141	43.8	29.9	44.9

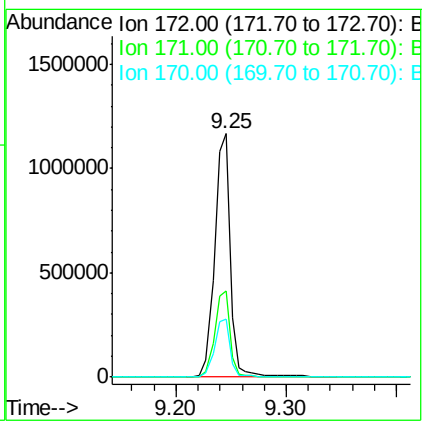


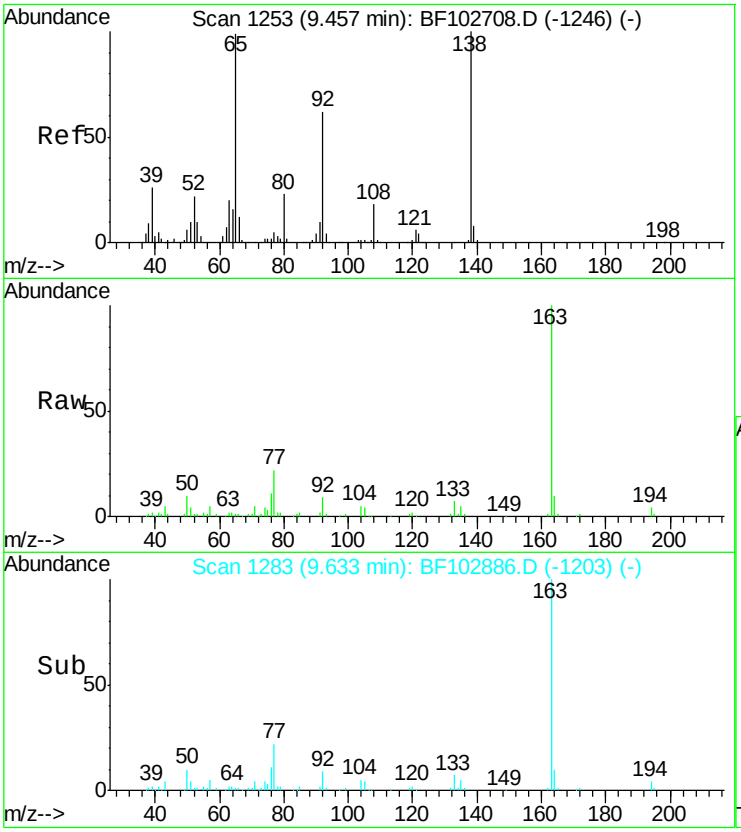


#44
2-Fluorobiphenyl
Concen: 74.196 ng
RT: 9.25 min Scan# 1217
Delta R.T. -0.00 min
Lab File: BF102886.D
Acq: 9 Feb 2018 14:05

Tgt Ion:172 Resp: 1152180

Ion	Ratio	Lower	Upper
172	100		
171	35.5	29.7	44.5
170	23.9	19.6	29.4



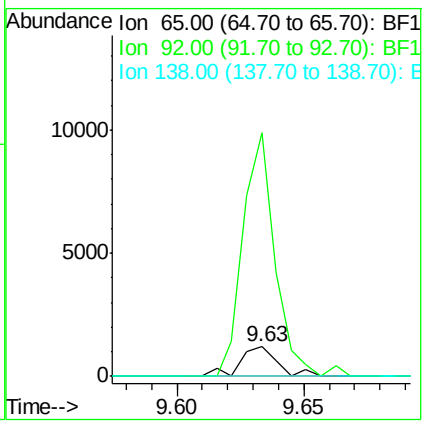


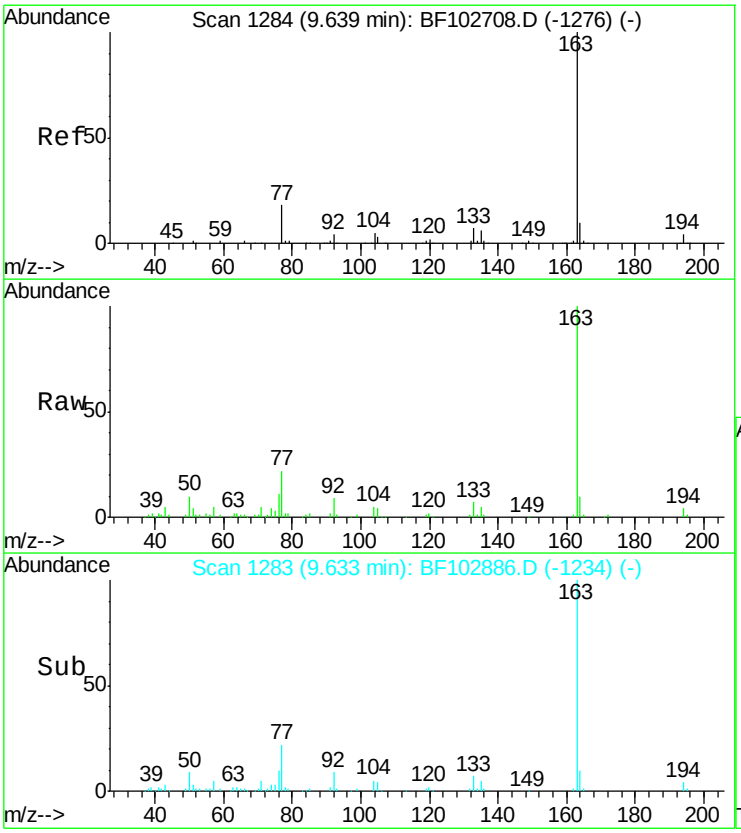
#47
2-Nitroaniline
Concen: 3.689 ng
RT: 9.63 min Scan# 1283
Delta R.T. 0.17 min
Lab File: BF102886.D
Acq: 9 Feb 2018 14:05

Instrument :
BNA_F
ClientSampleId :

Tgt Ion: 65 Resp: 1232

Ion	Ratio	Lower	Upper
65	100		
92	821.9	55.8	83.6#
138	0.0	91.2	136.8#

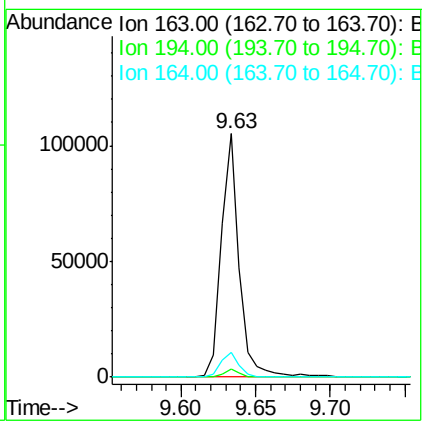


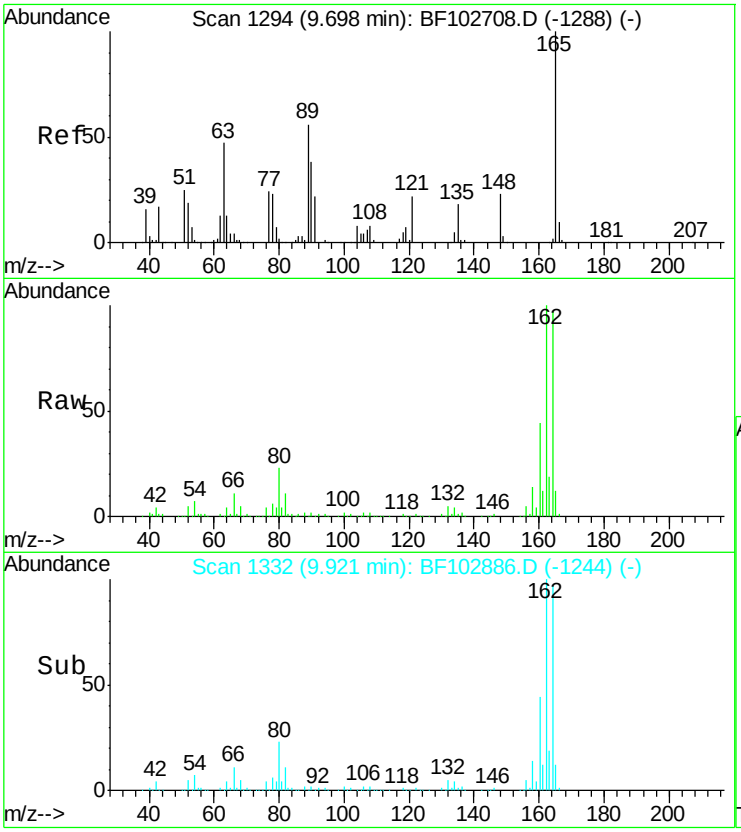


#49
Dimethylphthalate
Concen: 4.476 ng
RT: 9.63 min Scan# 1283
Delta R.T. -0.01 min
Lab File: BF102886.D
Acq: 9 Feb 2018 14:05

Tgt Ion:163 Resp: 89922

Ion	Ratio	Lower	Upper
163	100		
194	3.5	2.7	4.1
164	10.0	8.2	12.2



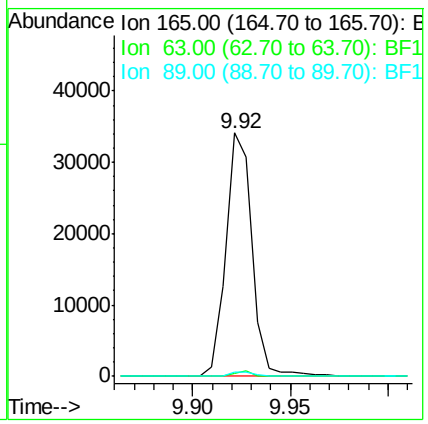


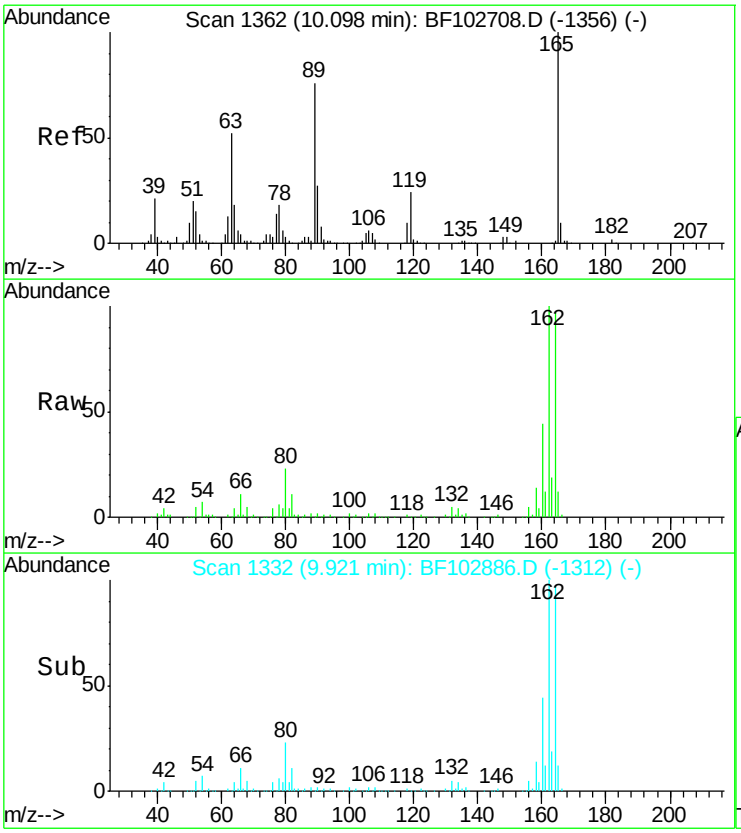
#50
2,6-Dinitrotoluene
Concen: 8.297 ng
RT: 9.92 min Scan# 1332
Delta R.T. 0.22 min
Lab File: BF102886.D
Acq: 9 Feb 2018 14:05

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:165 Resp: 31716

Ion	Ratio	Lower	Upper
165	100		
63	1.3	44.7	67.1#
89	1.7	44.0	66.0#

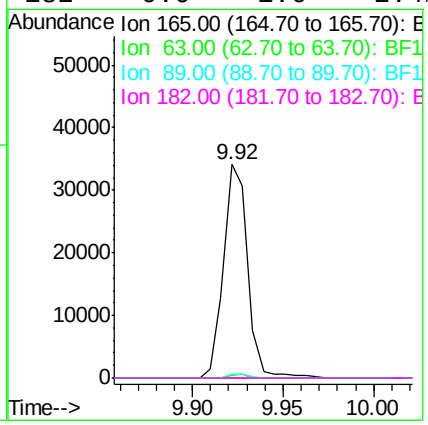


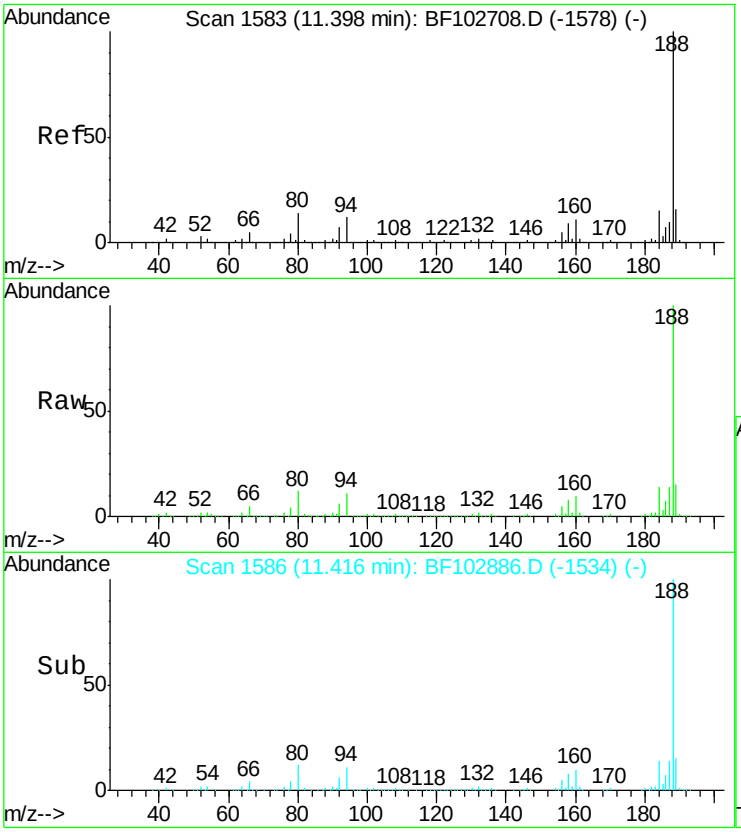


#56
2,4-Dinitrotoluene
Concen: 8.866 ng
RT: 9.92 min Scan# 1332
Delta R.T. -0.18 min
Lab File: BF102886.D
Acq: 9 Feb 2018 14:05

Tgt Ion:165 Resp: 31717

Ion	Ratio	Lower	Upper
165	100		
63	1.3	36.4	54.6#
89	1.7	57.8	86.6#
182	0.0	1.6	2.4#



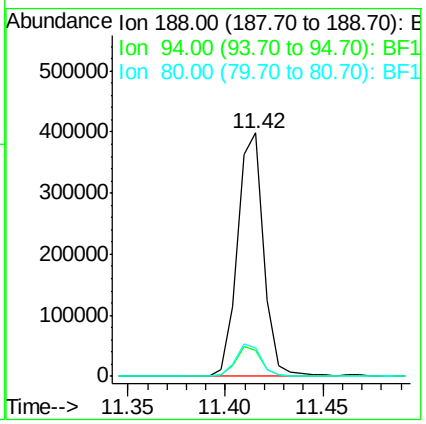


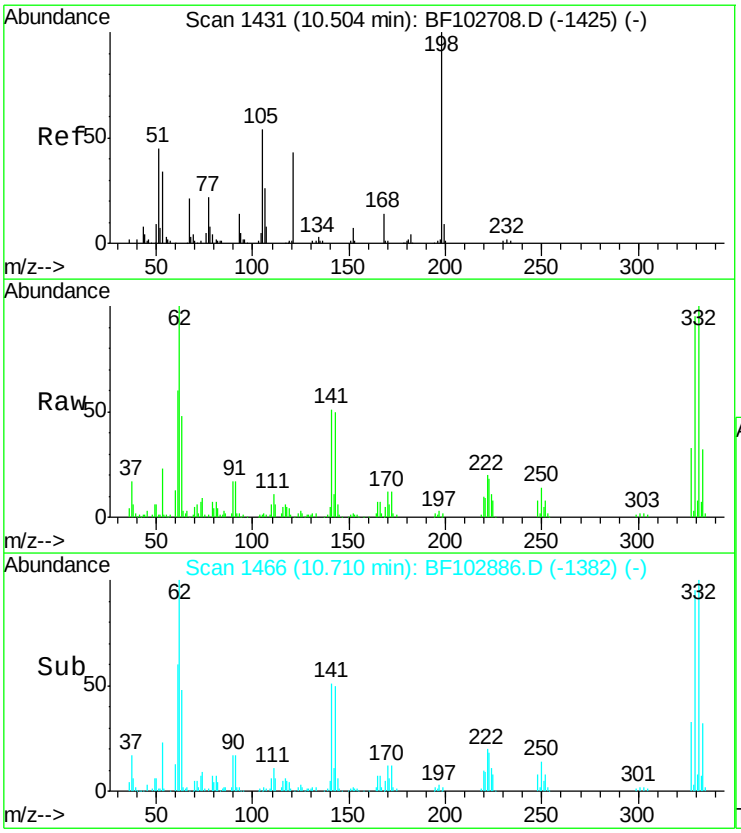
#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.42 min Scan# 1586
Delta R.T. 0.01 min
Lab File: BF102886.D
Acq: 9 Feb 2018 14:05

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:188 Resp: 369022

Ion	Ratio	Lower	Upper
188	100		
94	10.7	8.5	12.7
80	11.9	9.2	13.8

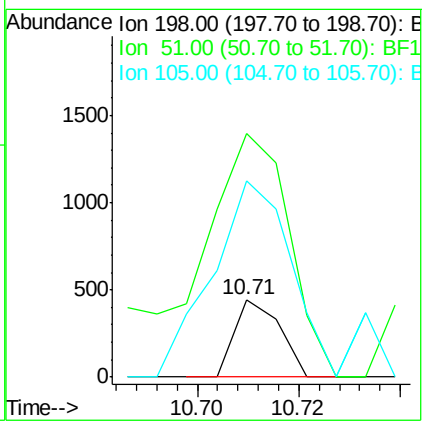


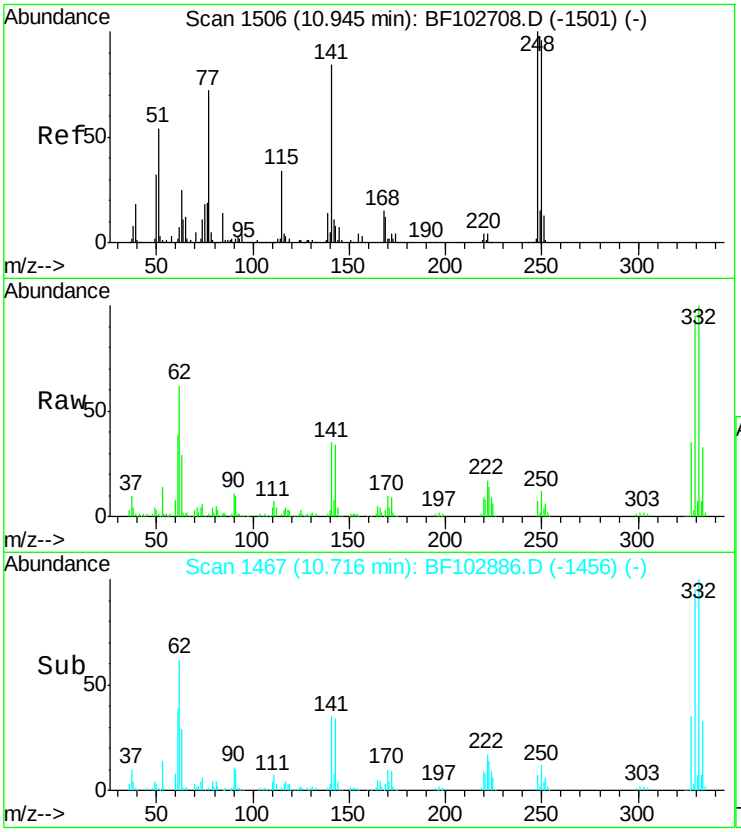


#64
4,6-Dinitro-2-methylphenol
Concen: 8.958 ng
RT: 10.71 min Scan# 1466
Delta R.T. 0.19 min
Lab File: BF102886.D
Acq: 9 Feb 2018 14:05

Tgt Ion:198 Resp: 275

Ion	Ratio	Lower	Upper
198	100		
51	313.0	37.7	77.7#
105	251.8	36.3	76.3#



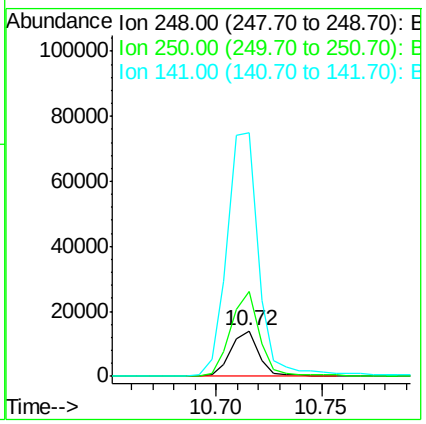


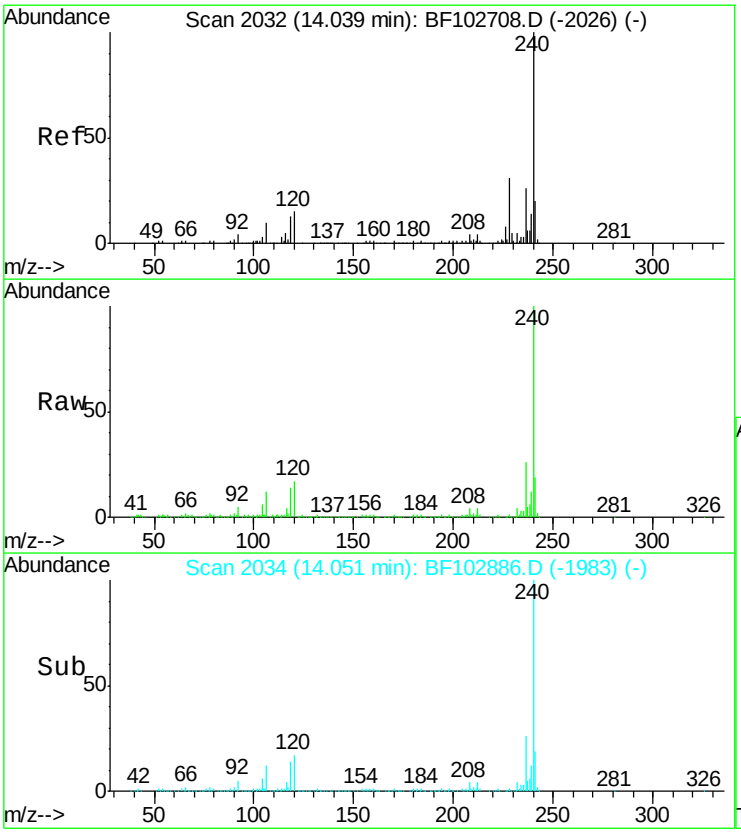
#66
4-Bromophenyl-phenylether
Concen: 3.280 ng
RT: 10.72 min Scan# 1467
Delta R.T. -0.24 min
Lab File: BF102886.D
Acq: 9 Feb 2018 14:05

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:248 Resp: 12803

Ion	Ratio	Lower	Upper
248	100		
250	188.8	76.9	115.3#
141	538.2	74.4	111.6#

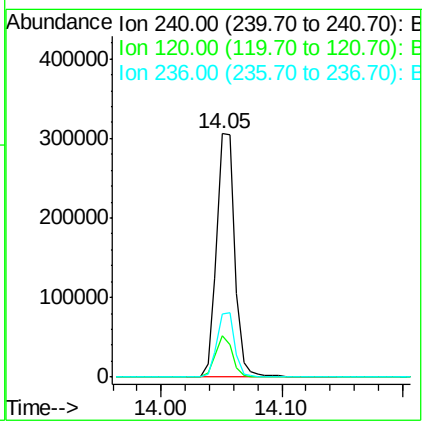


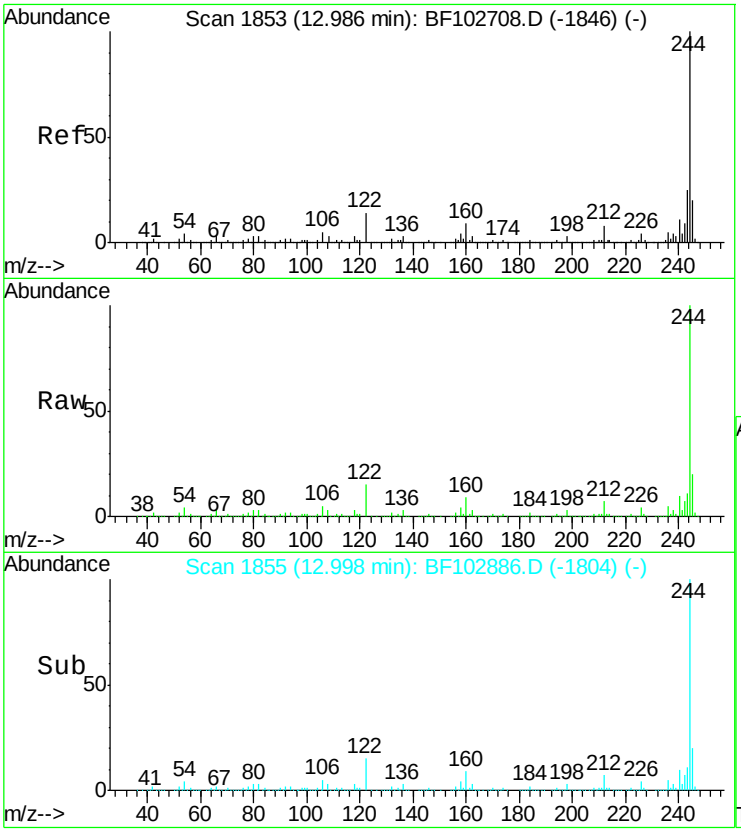


#75
Chrysene-d12
Concen: 20.000 ng
RT: 14.05 min Scan# 2034
Delta R.T. -0.00 min
Lab File: BF102886.D
Acq: 9 Feb 2018 14:05

Tgt Ion:240 Resp: 316652

Ion	Ratio	Lower	Upper
240	100		
120	17.0	9.5	14.3#
236	26.0	20.7	31.1



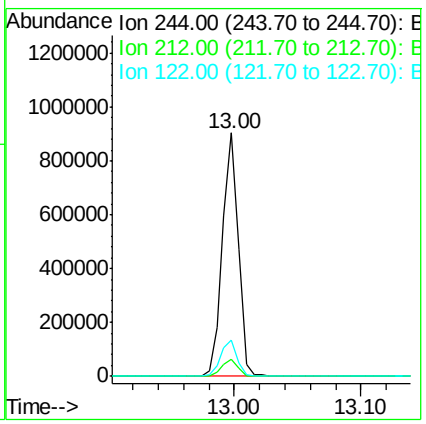


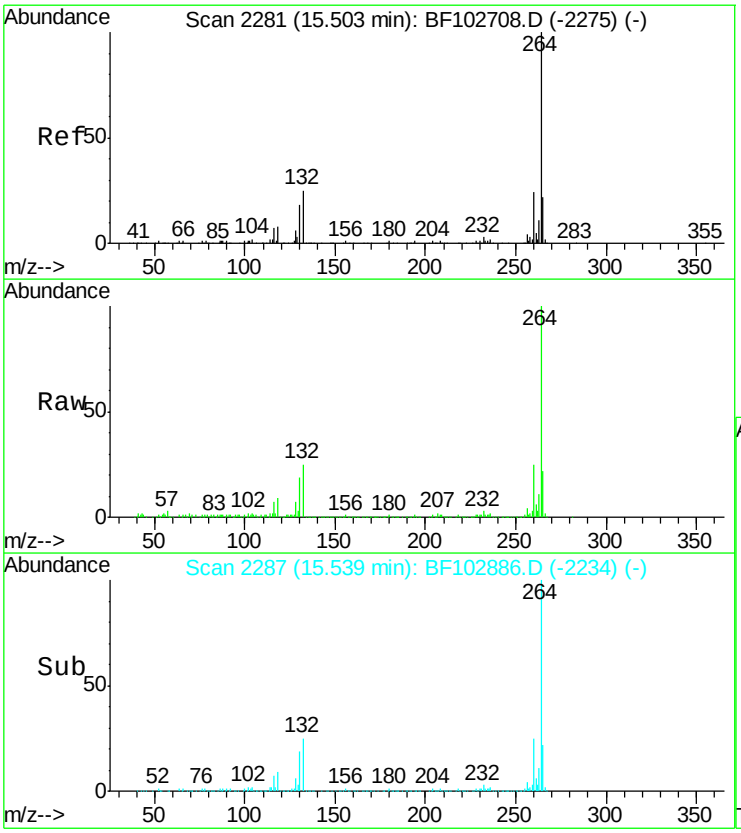
#78
Terphenyl-d14
Concen: 59.148 ng
RT: 13.00 min Scan# 1855
Delta R.T. -0.00 min
Lab File: BF102886.D
Acq: 9 Feb 2018 14:05

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:244 Resp: 791005

Ion	Ratio	Lower	Upper
244	100		
212	7.1	5.4	8.0
122	14.8	11.0	16.4





#86
Perylene-d12
Concen: 20.000 ng
RT: 15.54 min Scan# 2287
Delta R.T. 0.01 min
Lab File: BF102886.D
Acq: 9 Feb 2018 14:05

Tgt Ion:264 Resp: 301525

Ion	Ratio	Lower	Upper
264	100		
260	25.3	19.2	28.8
265	21.7	17.5	26.3