Quantitation Report (Not Reviewed)

Data Path : U:\HPCHEM1\BNA F\DATA\BF020518\
Data File : BF102731.D
Acq On : 5 Feb 2018 11:58
Operator : SJ/JU
Sample : J1436-01
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId :

Quant Time: Feb 05 12:48:06 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	6.88	152	223942	20.00	ng		0.00
21) Naphthalene-d8	8.16	136	906442	20.00	ng		0.00
38) Acenaphthene-d10	9.92	164	405942	20.00	ng		0.00
63) Phenanthrene-d10	11.40	188	648719	20.00	ng		0.00
75) Chrysene-d12	14.04	240	370540	20.00	ng		0.00
86) Perylene-d12	15.52	264	372596	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.50	112	1514398	102.70	ng		0.00
7) Phenol-d6	6.51	99	1804758	101.65	ng		0.00
23) Nitrobenzene-d5	7.45	82	1133340	86.74	ng		0.00
41) 2,4,6-Tribromophenol	10.71	330	372864	114.12	ng		0.00
44) 2-Fluorobiphenyl	9.24	172	1788464	73.11	ng		0.00
78) Terphenyl-d14	12.99	244	1339102	85.57	ng		0.00
Target Compounds							Qvalue
10) Phenol	6.52	94	90958	4.780	ng		82
19) n-Nitroso-di-n-propylamine	7.45	70	153113	13.079	ng	#	83
25) Isophorone	7.45	82	1133319	37.667	ng	#	64
32) Benzoic acid	7.83	122	280	8.573	ng	#	72
47) 2-Nitroaniline	9.35	65	413	3.518	ng	#	2
49) Dimethylphthalate	9.63	163	199869	6.315	ng		100
55) 4-Nitrophenol	10.09	139	108	4.041	ng	#	28
56) 2,4-Dinitrotoluene	9.92	165	51879	9.088	ng	#	23
64) 4,6-Dinitro-2-methylphenol	10.71	198	902	9.101	ng	#	1
66) 4-Bromophenyl-phenylether	10.71	248	24684	3.597	ng	#	1

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

Quantitation Report (Not Reviewed)

Data Path : U:\HPCHEM1\BNA F\DATA\BF020518\
Data File : BF102731.D
Acq On : 5 Feb 2018 11:58
Operator : SJ/JU
Sample : J1436-01
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :

Quant Time: Feb 05 12:48:06 2018
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF020318.M
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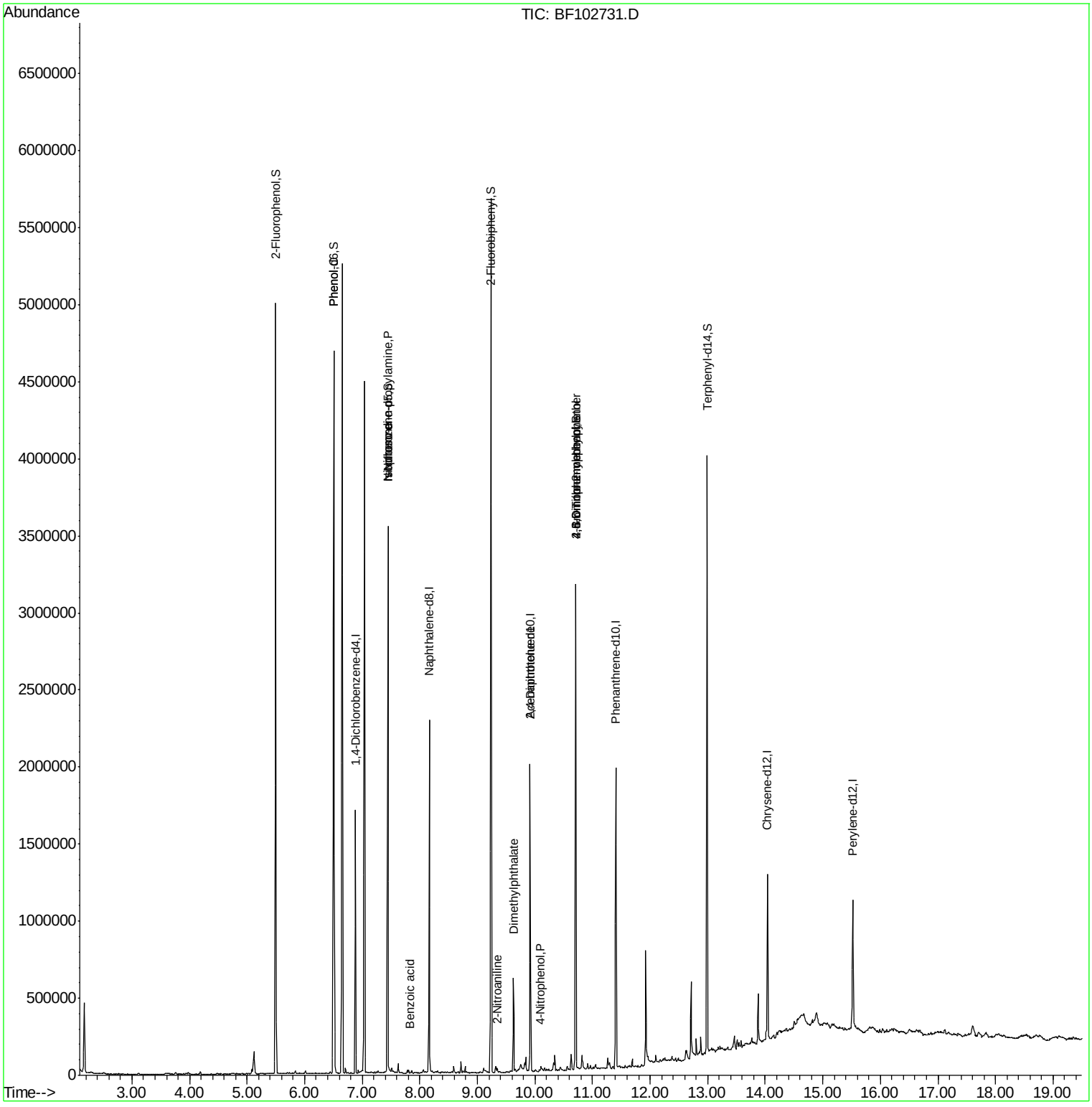
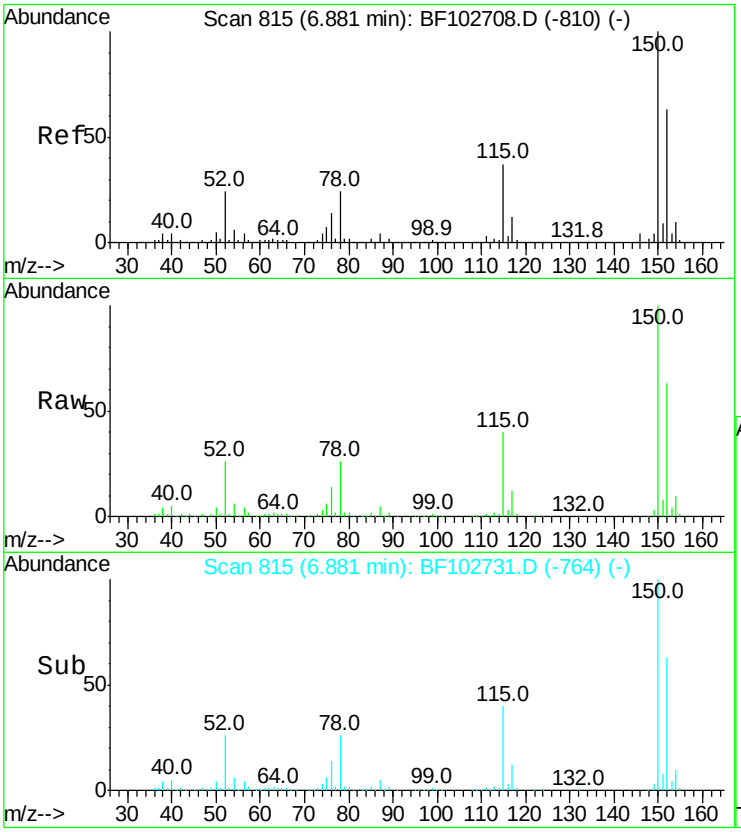
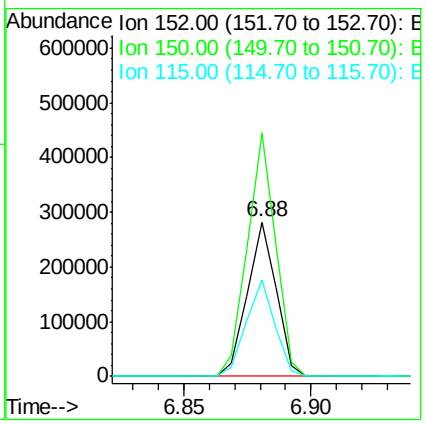




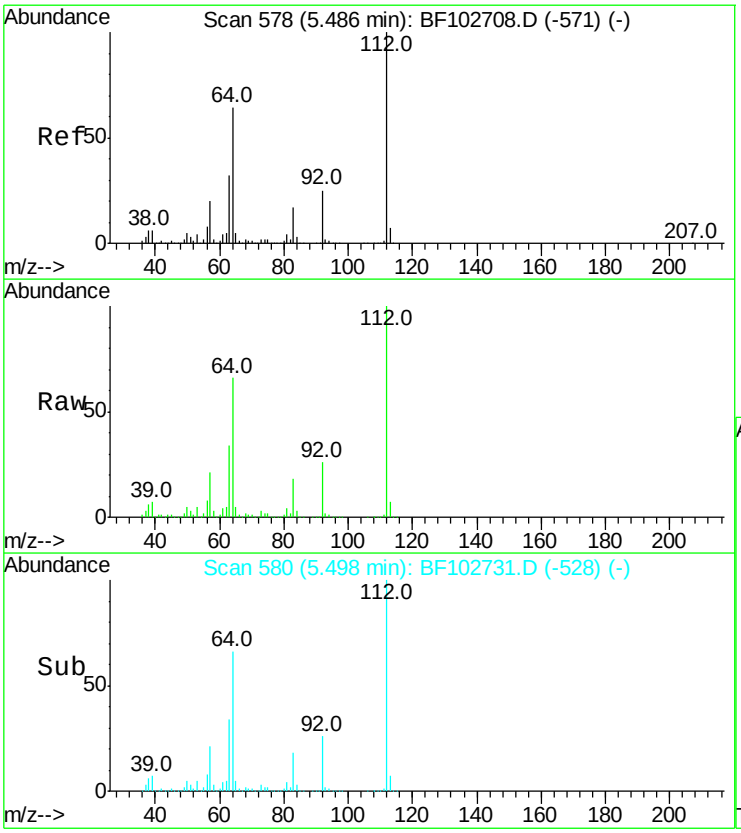
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.88 min Scan# 815
Delta R.T. -0.00 min
Lab File: BF102731.D
Acq: 5 Feb 2018 11:58

Tgt Ion:152 Resp: 223942

Ion	Ratio	Lower	Upper
152	100		
150	158.0	124.6	186.8
115	62.7	50.1	75.1



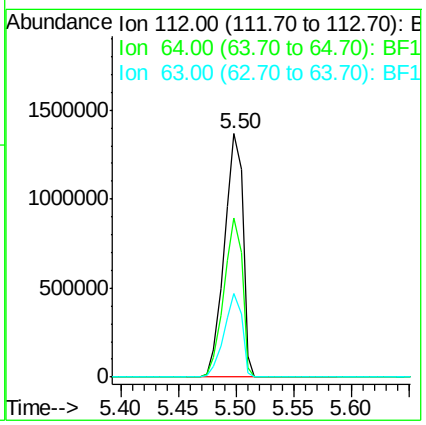
Instrument :
BNA_F
ClientSampleId :

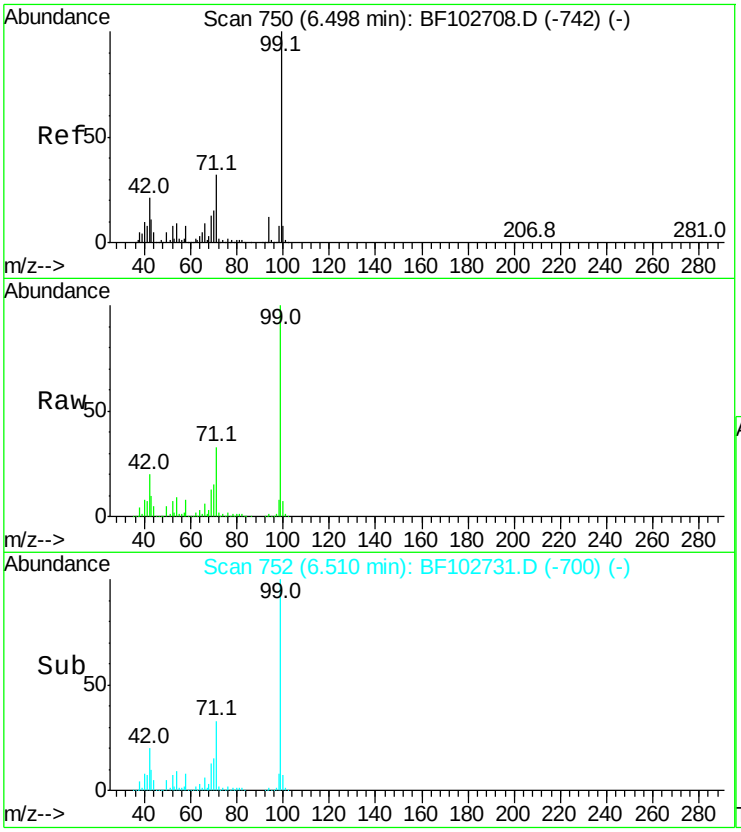


#5
2-Fluorophenol
Concen: 102.699 ng
RT: 5.50 min Scan# 580
Delta R.T. 0.01 min
Lab File: BF102731.D
Acq: 5 Feb 2018 11:58

Tgt Ion:112 Resp: 1514398

Ion	Ratio	Lower	Upper
112	100		
64	65.6	47.9	71.9
63	34.1	23.7	35.5



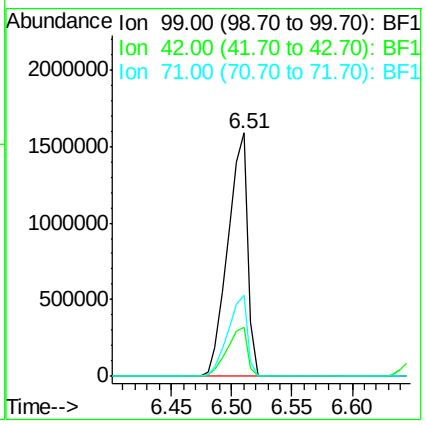


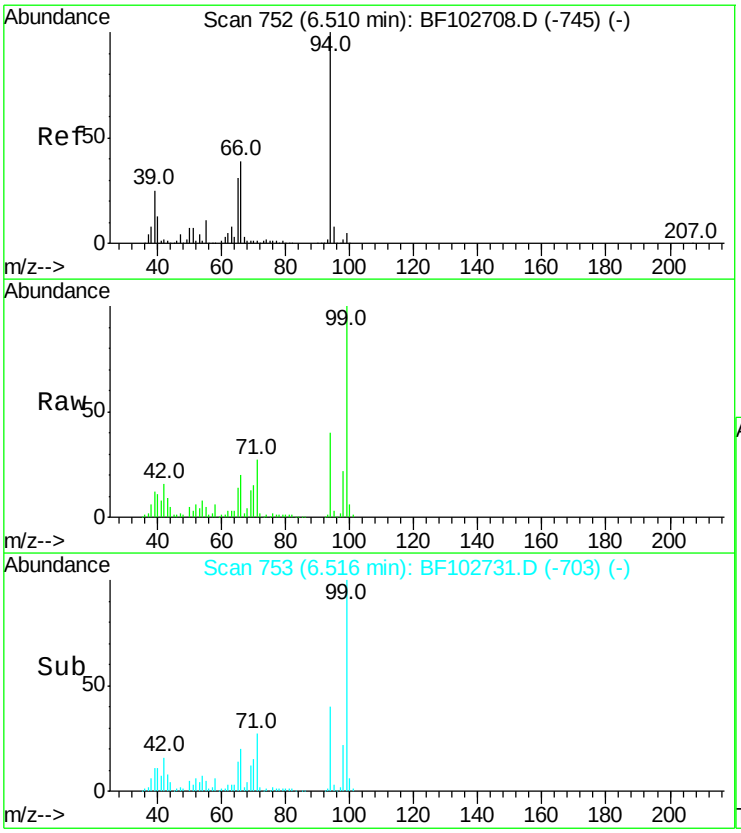
#7
Phenol-d6
Concen: 101.647 ng
RT: 6.51 min Scan# 752
Delta R.T. 0.01 min
Lab File: BF102731.D
Acq: 5 Feb 2018 11:58

Instrument :
BNA_F
ClientSampleId :

Tgt Ion: 99 Resp: 1804758

Ion	Ratio	Lower	Upper
99	100		
42	20.0	14.5	21.7
71	33.0	25.4	38.0

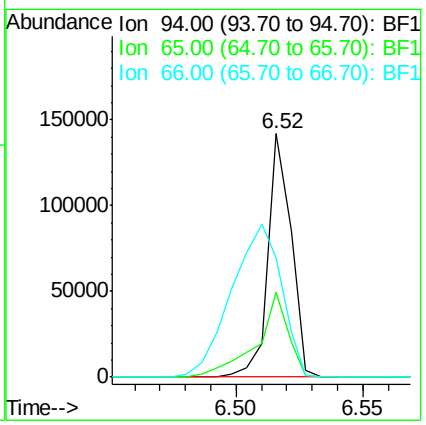


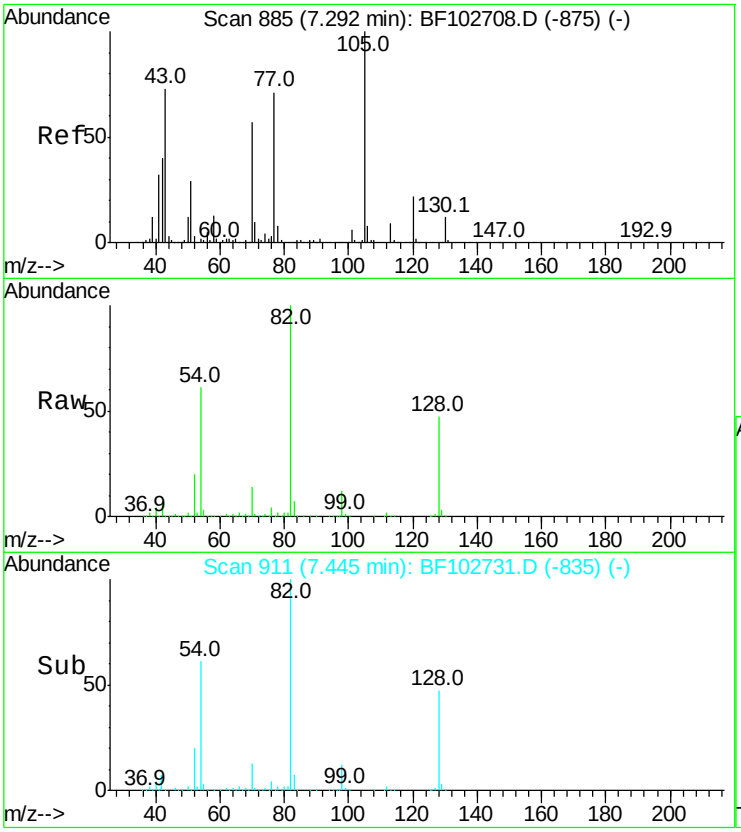


#10
Phenol
Concen: 4.780 ng
RT: 6.52 min Scan# 753
Delta R.T. -0.01 min
Lab File: BF102731.D
Acq: 5 Feb 2018 11:58

Tgt Ion: 94 Resp: 90958

Ion	Ratio	Lower	Upper
94	100		
65	34.7	7.9	47.9
66	49.1	16.2	56.2



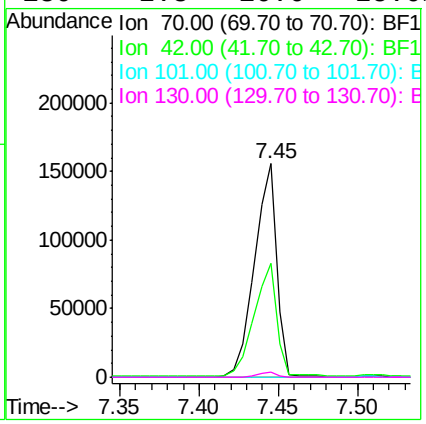


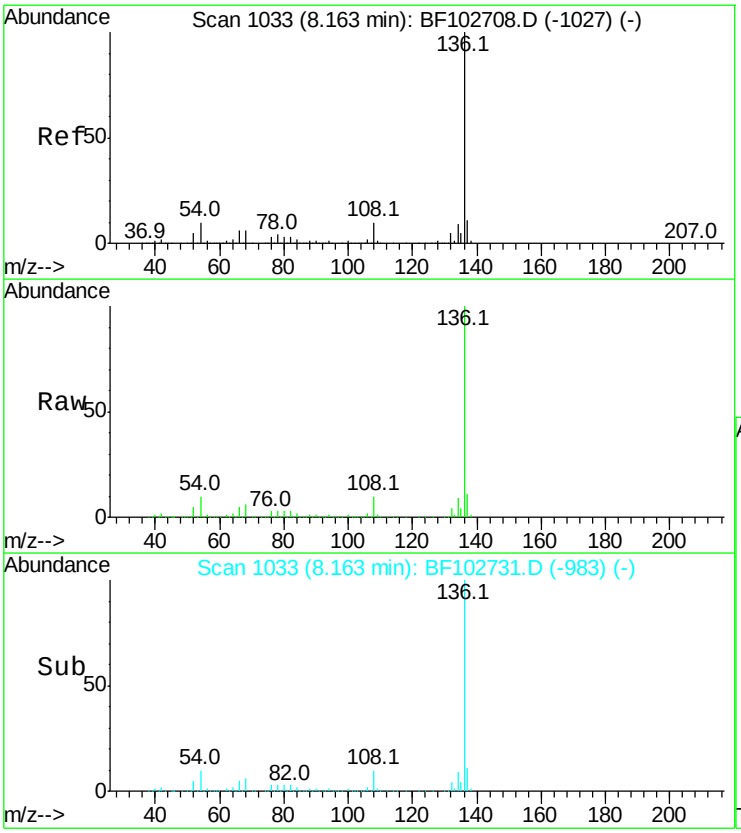
#19
n-Nitroso-di-n-propylamine
Concen: 13.079 ng
RT: 7.45 min Scan# 911
Delta R.T. 0.15 min
Lab File: BF102731.D
Acq: 5 Feb 2018 11:58

Instrument :
BNA_F
ClientSampleId :

Tgt Ion: 70 Resp: 153113

Ion	Ratio	Lower	Upper
70	100		
42	53.6	47.5	71.3
101	0.0	7.4	11.2#
130	2.3	16.6	25.0#

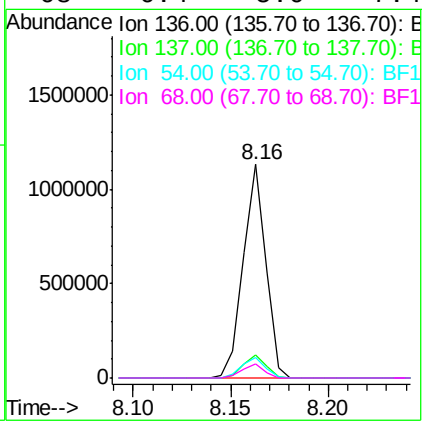


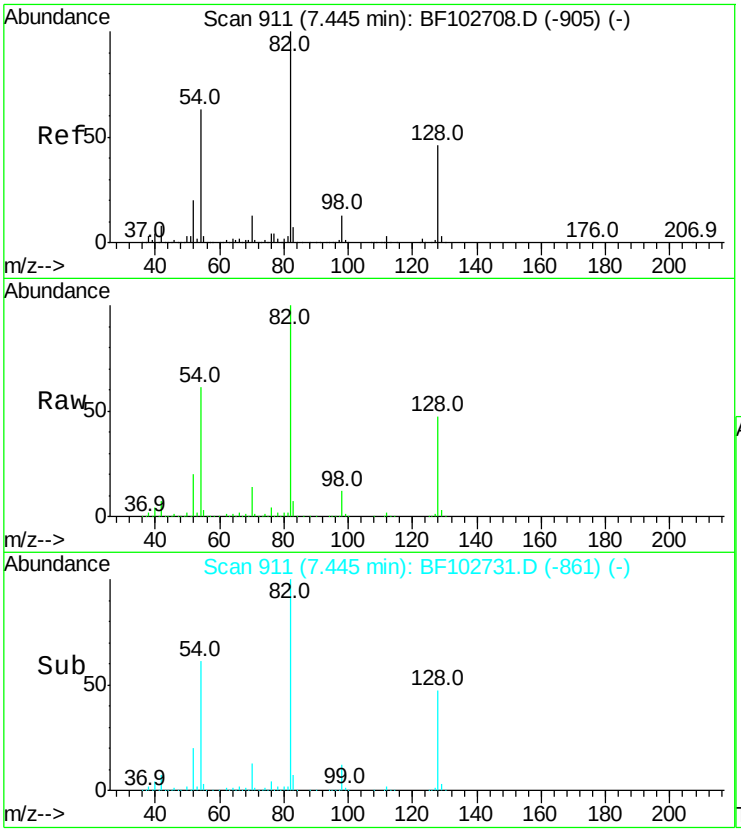


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.16 min Scan# 1033
Delta R.T. -0.01 min
Lab File: BF102731.D
Acq: 5 Feb 2018 11:58

Tgt Ion:136 Resp: 906442

Ion	Ratio	Lower	Upper
136	100		
137	11.0	8.9	13.3
54	9.8	6.6	9.8
68	6.4	5.0	7.4



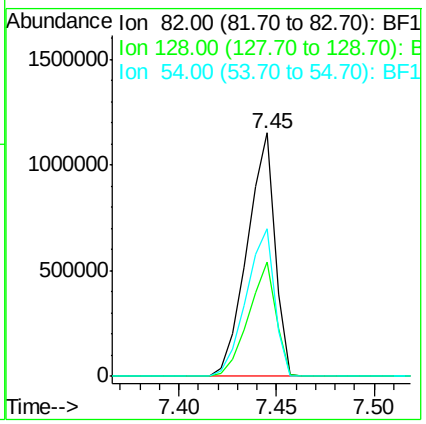


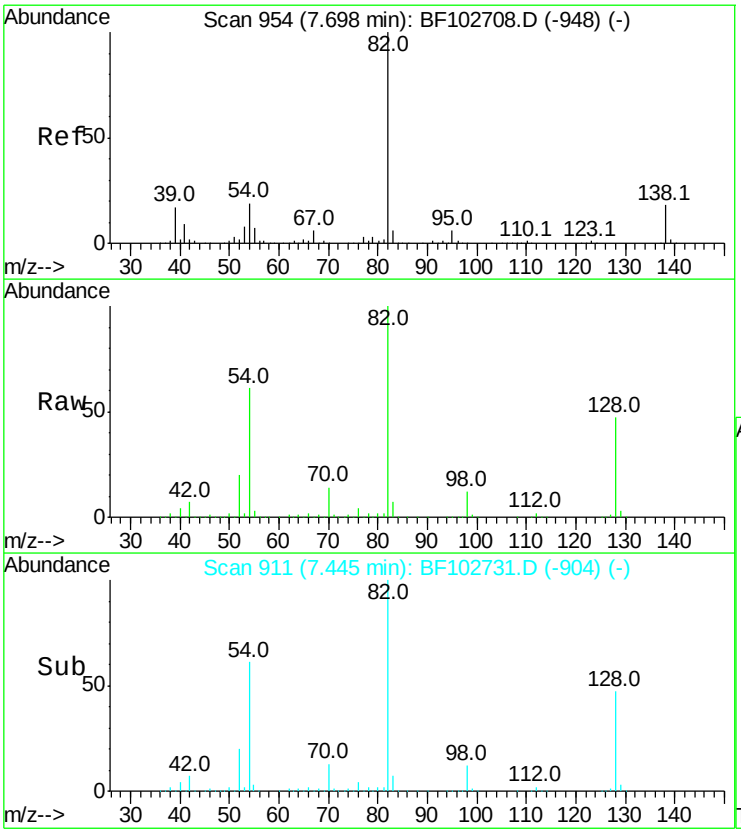
#23
Nitrobenzene-d5
Concen: 86.735 ng
RT: 7.45 min Scan# 911
Delta R.T. -0.01 min
Lab File: BF102731.D
Acq: 5 Feb 2018 11:58

Instrument :
BNA_F
ClientSampleId :

Tgt Ion: 82 Resp: 1133340

Ion	Ratio	Lower	Upper
82	100		
128	46.8	36.1	54.1
54	60.8	41.4	62.2

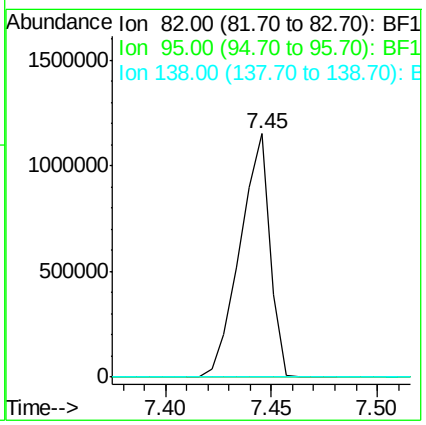


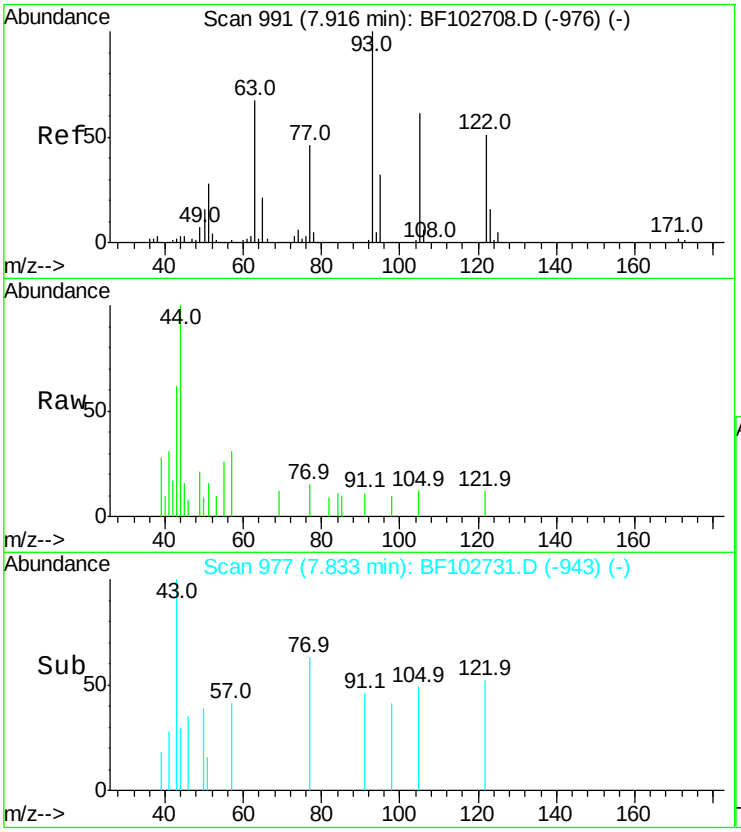


#25
Isophorone
Concen: 37.667 ng
RT: 7.45 min Scan# 911
Delta R.T. -0.26 min
Lab File: BF102731.D
Acq: 5 Feb 2018 11:58

Tgt Ion: 82 Resp: 1133319

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



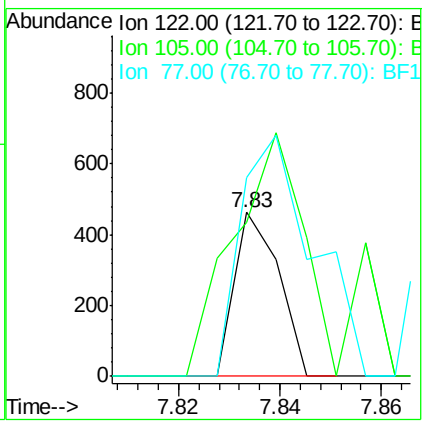


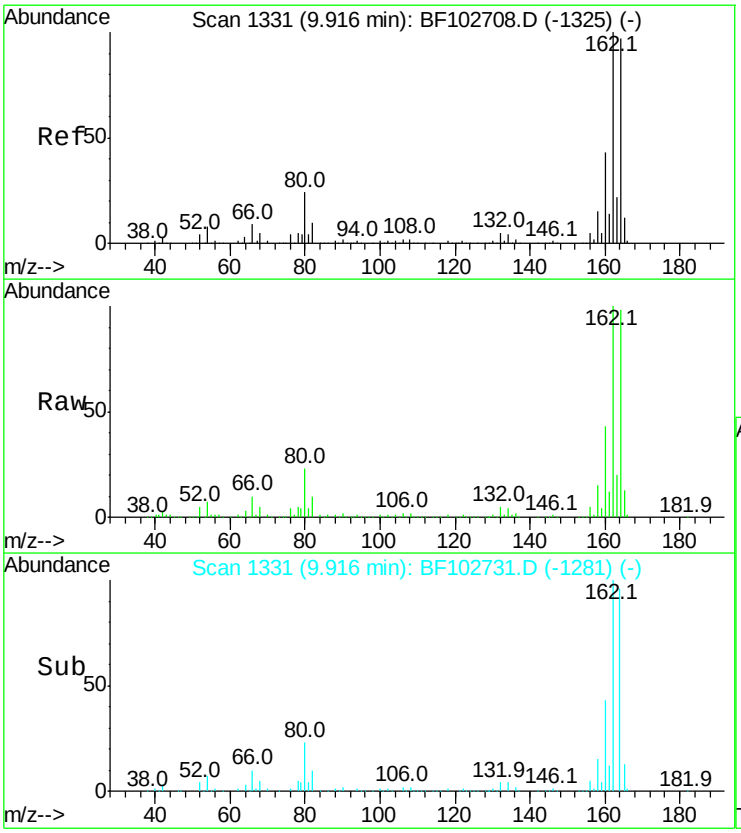
#32
Benzoic acid
Concen: 8.573 ng
RT: 7.83 min Scan# 977
Delta R.T. -0.10 min
Lab File: BF102731.D
Acq: 5 Feb 2018 11:58

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:122 Resp: 280

Ion	Ratio	Lower	Upper
122	100		
105	94.0	101.1	141.1#
77	121.0	70.7	110.7#

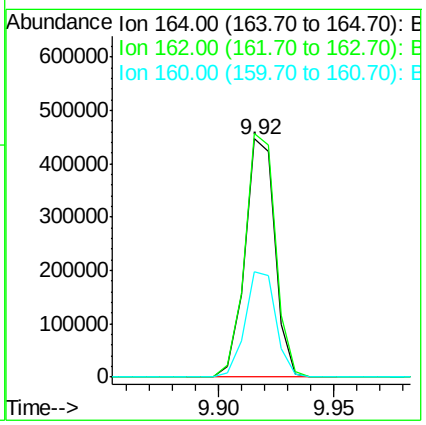


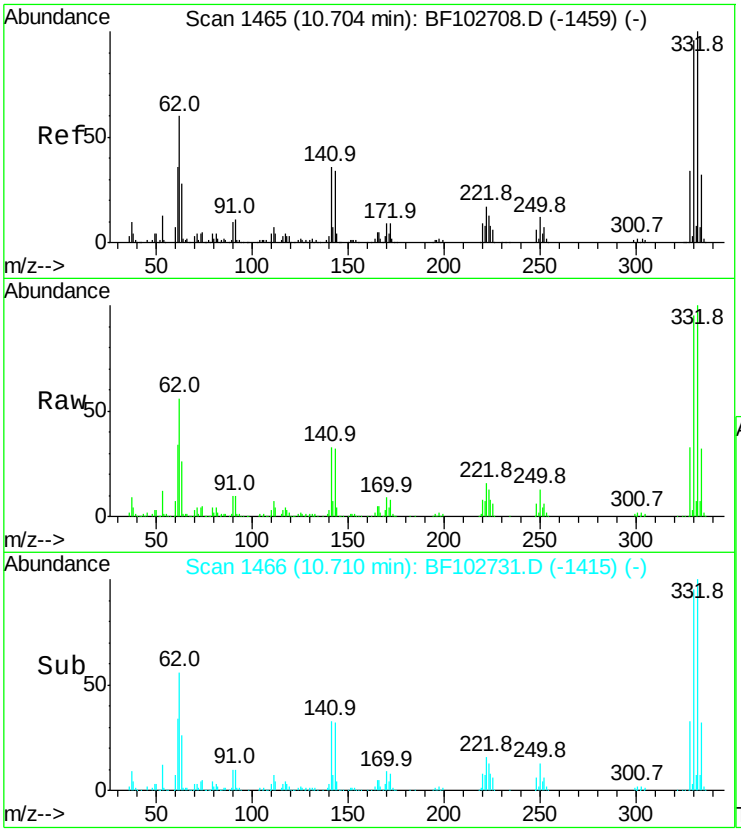


#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.92 min Scan# 1331
Delta R.T. -0.01 min
Lab File: BF102731.D
Acq: 5 Feb 2018 11:58

Tgt Ion:164 Resp: 405942

Ion	Ratio	Lower	Upper
164	100		
162	102.1	86.1	129.1
160	44.2	38.3	57.5



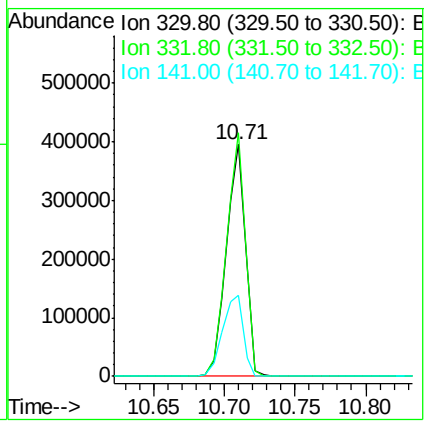


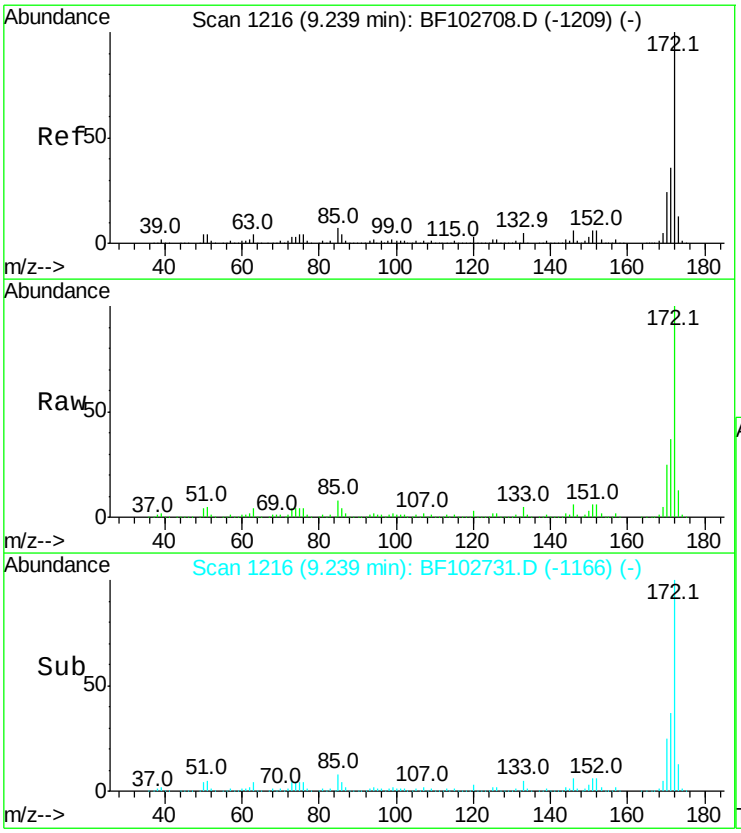
#41
2,4,6-Tribromophenol
Concen: 114.118 ng
RT: 10.71 min Scan# 1466
Delta R.T. -0.00 min
Lab File: BF102731.D
Acq: 5 Feb 2018 11:58

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:330 Resp: 372864

Ion	Ratio	Lower	Upper
330	100		
332	102.7	77.0	115.6
141	37.9	29.9	44.9

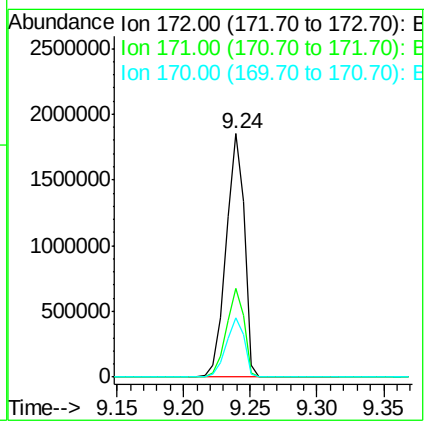


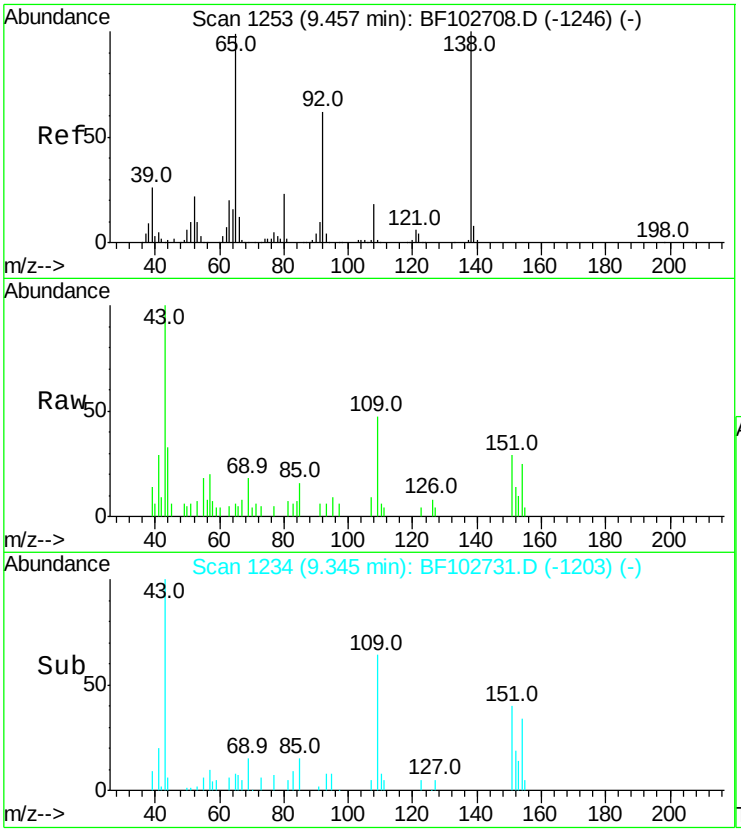


#44
2-Fluorobiphenyl
Concen: 73.106 ng
RT: 9.24 min Scan# 1216
Delta R.T. -0.01 min
Lab File: BF102731.D
Acq: 5 Feb 2018 11:58

Tgt Ion:172 Resp: 1788464

Ion	Ratio	Lower	Upper
172	100		
171	36.7	29.7	44.5
170	24.6	19.6	29.4



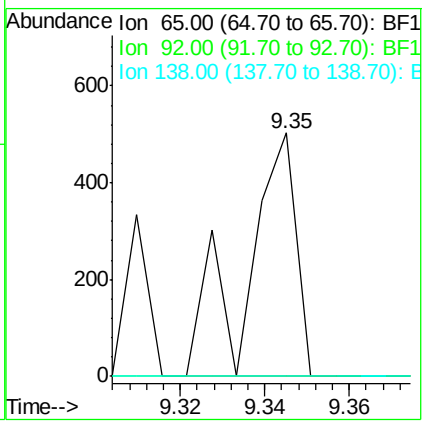


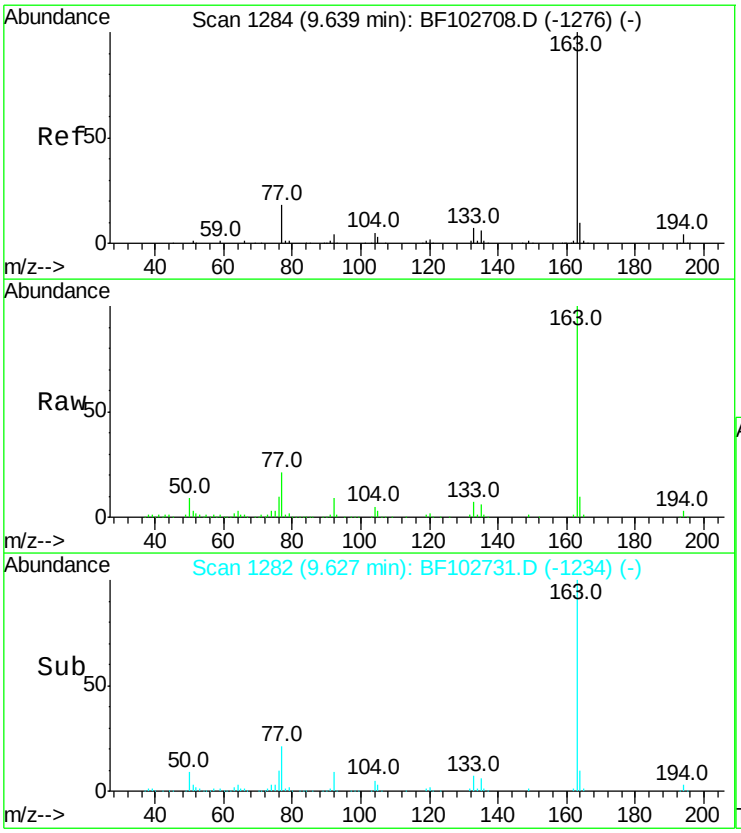
#47
2-Nitroaniline
Concen: 3.518 ng
RT: 9.35 min Scan# 1234
Delta R.T. -0.12 min
Lab File: BF102731.D
Acq: 5 Feb 2018 11:58

Instrument :
BNA_F
ClientSampleId :

Tgt Ion: 65 Resp: 413

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

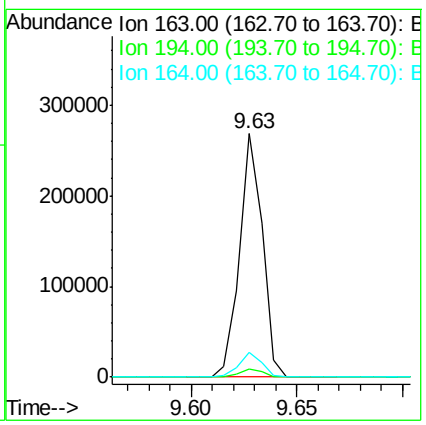


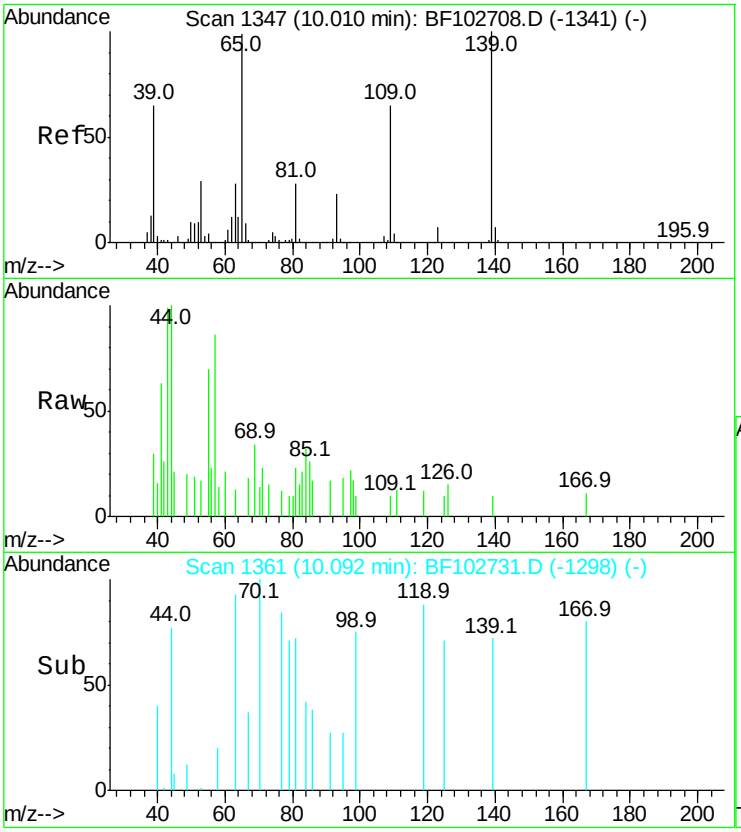


#49
Dimethylphthalate
Concen: 6.315 ng
RT: 9.63 min Scan# 1282
Delta R.T. -0.02 min
Lab File: BF102731.D
Acq: 5 Feb 2018 11:58

Tgt Ion:163 Resp: 199869

Ion	Ratio	Lower	Upper
163	100		
194	3.4	2.7	4.1
164	10.1	8.2	12.2



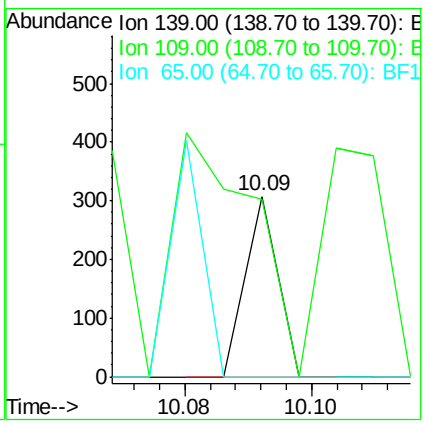


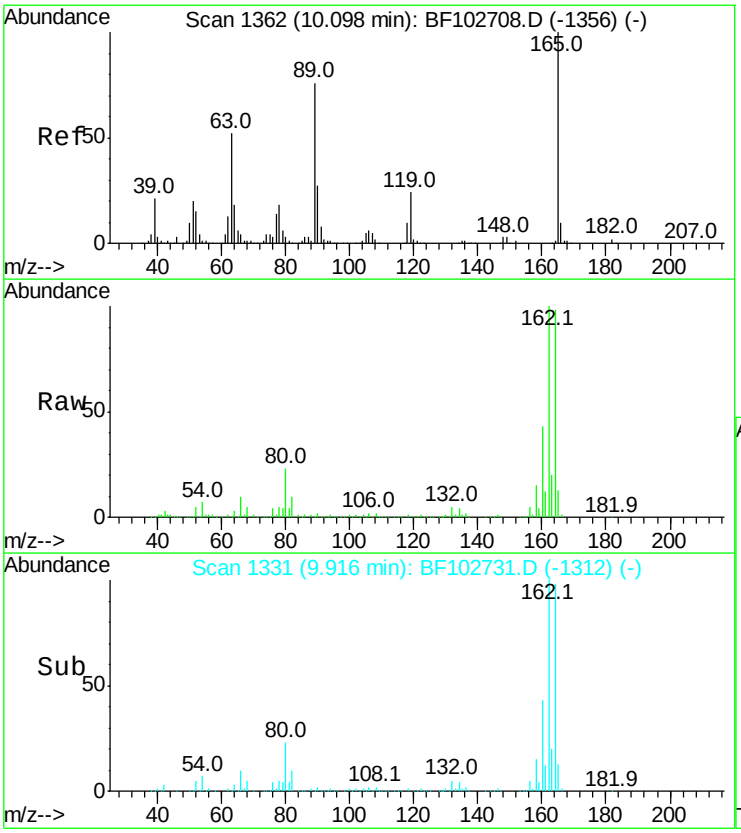
#55
4-Nitrophenol
Concen: 4.041 ng
RT: 10.09 min Scan# 1361
Delta R.T. 0.07 min
Lab File: BF102731.D
Acq: 5 Feb 2018 11:58

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:139 Resp: 108

Ion	Ratio	Lower	Upper
139	100		
109	98.7	48.4	88.4#
65	0.0	72.6	112.6#

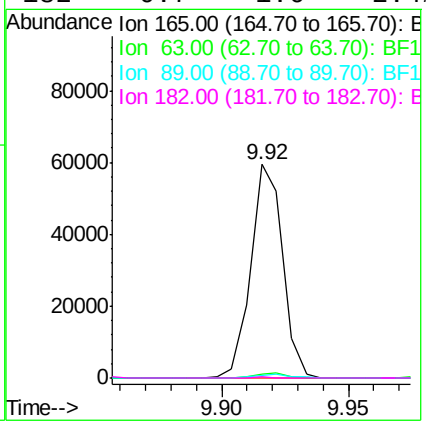


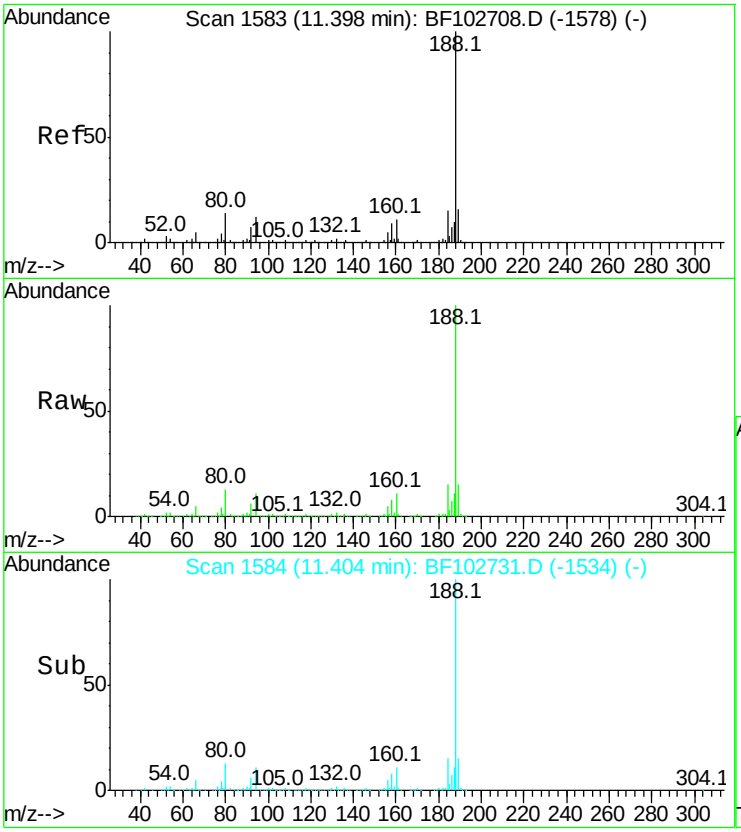


#56
2,4-Dinitrotoluene
Concen: 9.088 ng
RT: 9.92 min Scan# 1331
Delta R.T. -0.19 min
Lab File: BF102731.D
Acq: 5 Feb 2018 11:58

Tgt Ion:165 Resp: 51879

Ion	Ratio	Lower	Upper
165	100		
63	1.7	36.4	54.6#
89	1.1	57.8	86.6#
182	0.7	1.6	2.4#



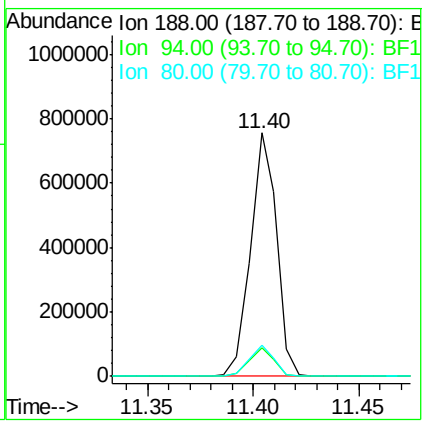


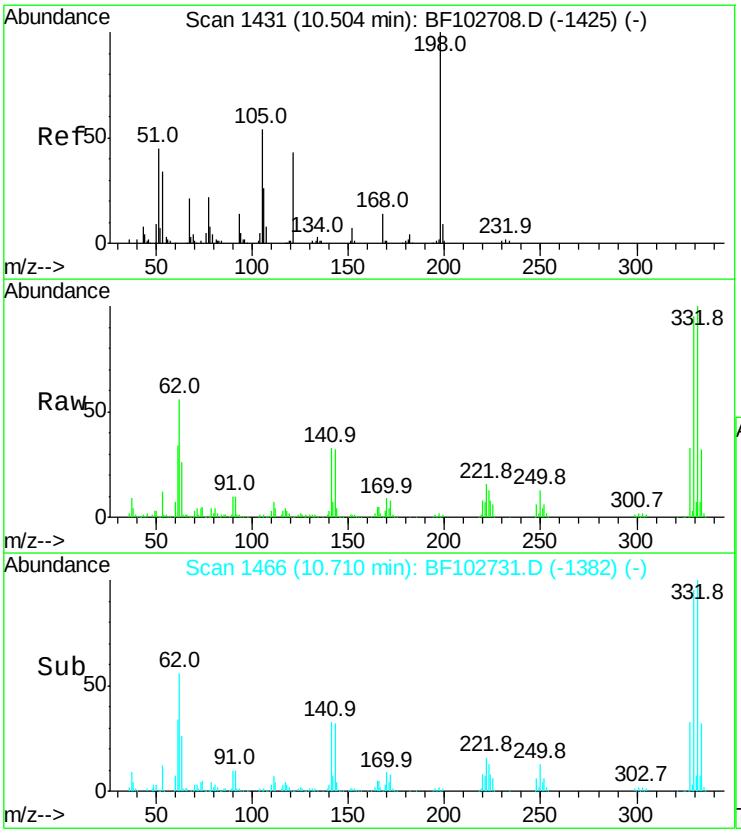
#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.40 min Scan# 1584
Delta R.T. -0.01 min
Lab File: BF102731.D
Acq: 5 Feb 2018 11:58

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:188 Resp: 648719

Ion	Ratio	Lower	Upper
188	100		
94	11.5	8.5	12.7
80	12.8	9.2	13.8

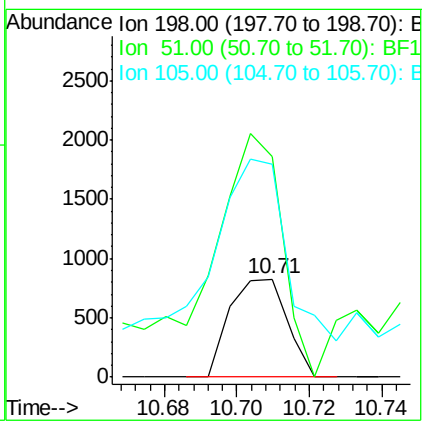


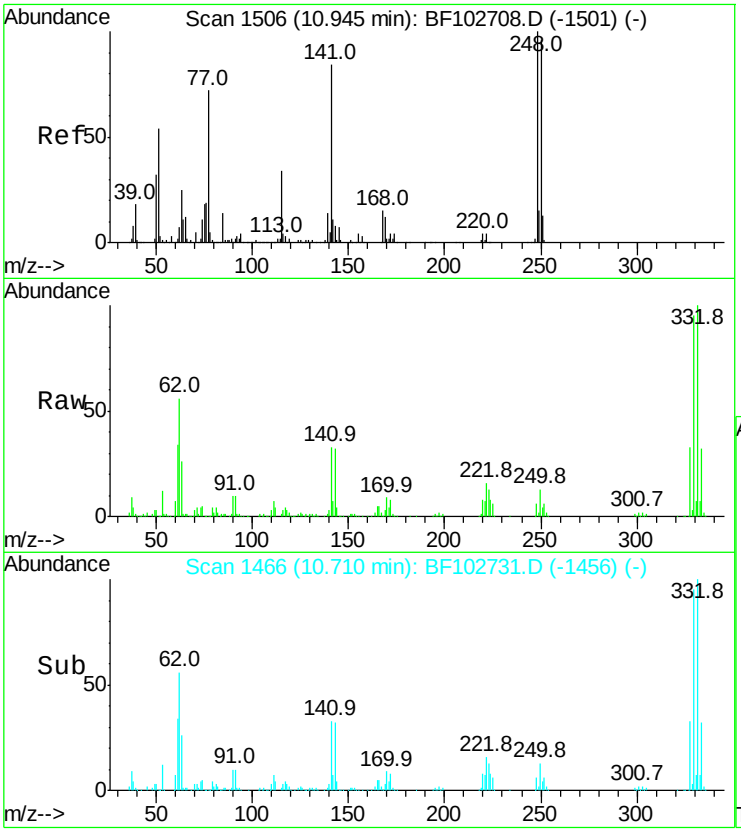


#64
4,6-Dinitro-2-methylphenol
Concen: 9.101 ng
RT: 10.71 min Scan# 1466
Delta R.T. 0.19 min
Lab File: BF102731.D
Acq: 5 Feb 2018 11:58

Tgt Ion:198 Resp: 902

Ion	Ratio	Lower	Upper
198	100		
51	226.3	37.7	77.7#
105	218.1	36.3	76.3#



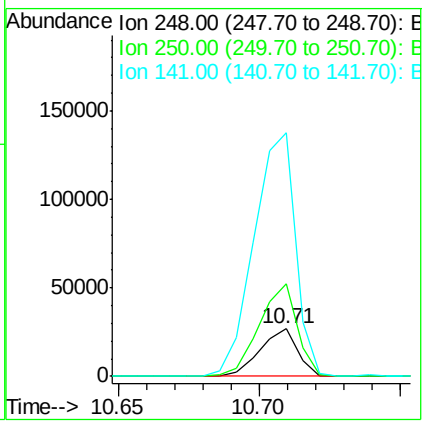


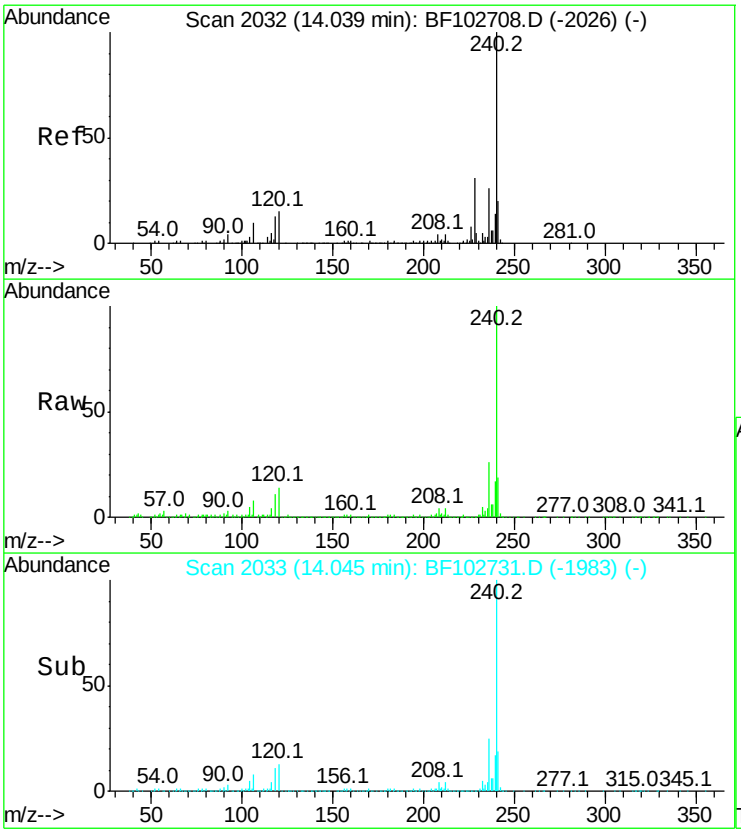
#66
4-Bromophenyl-phenylether
Concen: 3.597 ng
RT: 10.71 min Scan# 1466
Delta R.T. -0.24 min
Lab File: BF102731.D
Acq: 5 Feb 2018 11:58

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:248 Resp: 24684

Ion	Ratio	Lower	Upper
248	100		
250	194.1	76.9	115.3#
141	513.8	74.4	111.6#

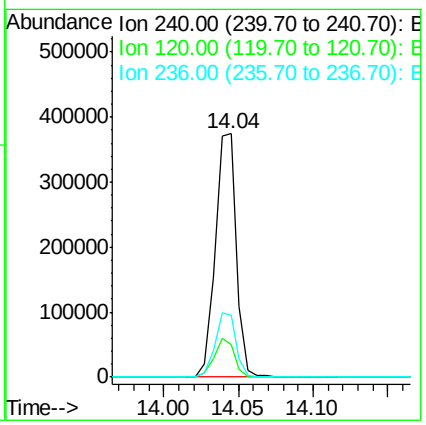


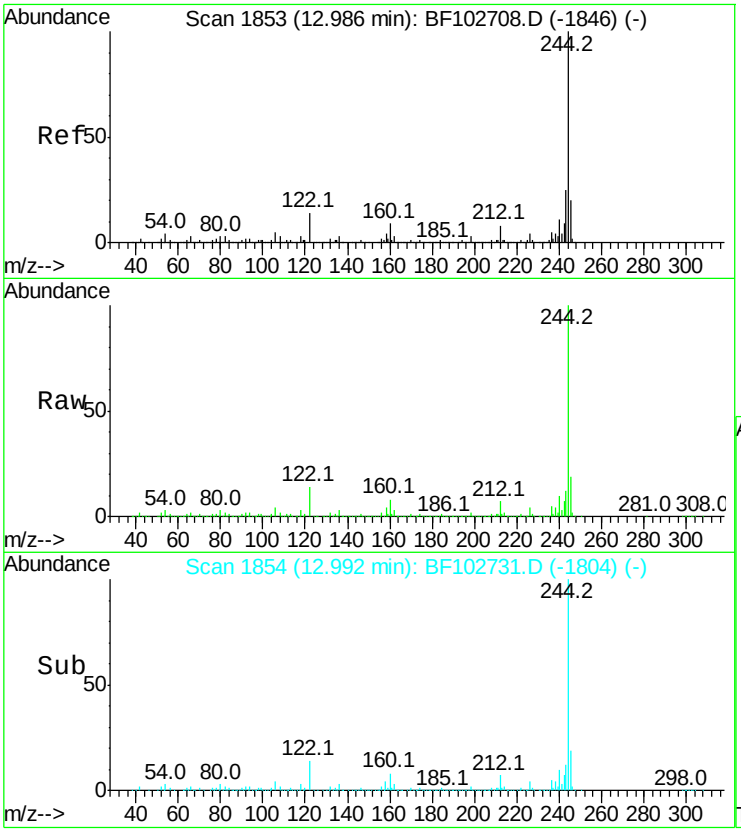


#75
Chrysene-d12
Concen: 20.000 ng
RT: 14.04 min Scan# 2033
Delta R.T. -0.01 min
Lab File: BF102731.D
Acq: 5 Feb 2018 11:58

Tgt Ion:240 Resp: 370540

Ion	Ratio	Lower	Upper
240	100		
120	13.5	9.5	14.3
236	25.6	20.7	31.1



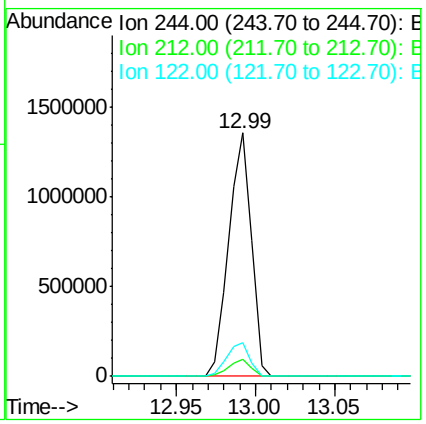


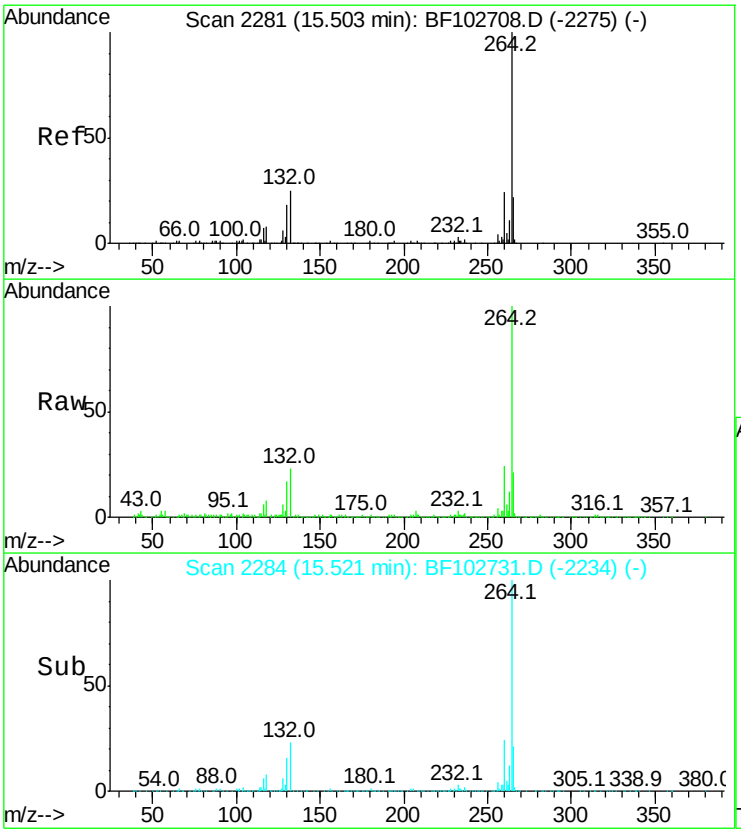
#78
Terphenyl-d14
Concen: 85.569 ng
RT: 12.99 min Scan# 1854
Delta R.T. -0.01 min
Lab File: BF102731.D
Acq: 5 Feb 2018 11:58

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:244 Resp: 1339102

Ion	Ratio	Lower	Upper
244	100		
212	7.0	5.4	8.0
122	13.9	11.0	16.4





#86
Perylene-d12
Concen: 20.000 ng
RT: 15.52 min Scan# 2284
Delta R.T. -0.01 min
Lab File: BF102731.D
Acq: 5 Feb 2018 11:58

Tgt Ion:264 Resp: 372596

Ion	Ratio	Lower	Upper
264	100		
260	24.2	19.2	28.8
265	21.1	17.5	26.3