Quantitation Report (Not Reviewed)

Data Path : U:\HPCHEM1\BNA F\DATA\BF020518\
Data File : BF102732.D
Acq On : 5 Feb 2018 12:25
Operator : SJ/JU
Sample : J1436-05
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId :

Quant Time: Feb 05 15:57:11 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	224249	20.00	ng		0.00
21) Naphthalene-d8	8.16	136	907271	20.00	ng		0.00
38) Acenaphthene-d10	9.92	164	392004	20.00	ng		0.00
63) Phenanthrene-d10	11.40	188	605418	20.00	ng		0.00
75) Chrysene-d12	14.04	240	386008	20.00	ng		-0.01
86) Perylene-d12	15.52	264	367621	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.50	112	1455365	98.56	ng		0.00
7) Phenol-d6	6.51	99	1710328	96.20	ng		0.00
23) Nitrobenzene-d5	7.45	82	1052616	80.48	ng		0.00
41) 2,4,6-Tribromophenol	10.71	330	333991	105.86	ng		0.00
44) 2-Fluorobiphenyl	9.24	172	1664186	70.45	ng		0.00
78) Terphenyl-d14	12.99	244	1198715	73.53	ng		0.00
Target Compounds							Qvalue
10) Phenol	6.52	94	79264	4.160	ng		92
19) n-Nitroso-di-n-propylamine	7.45	70	142912	12.191	ng	#	83
25) Isophorone	7.45	82	1052433	34.946	ng	#	64
32) Benzoic acid	7.83	122	1663	8.722	ng		98
47) 2-Nitroaniline	9.37	65	293	3.506	ng	#	2
49) Dimethylphthalate	9.63	163	207199	6.779	ng		99
55) 4-Nitrophenol	10.01	139	112	4.042	ng	#	9
56) 2,4-Dinitrotoluene	9.92	165	50202	9.100	ng	#	24
64) 4,6-Dinitro-2-methylphenol	10.70	198	627	9.022	ng	#	1
66) 4-Bromophenyl-phenylether	10.71	248	21058	3.288	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 : BF102732.D
Acq On : 5 Feb 2018 12:25
Operator : SJ/JU
Sample : J1436-05
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :

Quant Time: Feb 05 15:57:11 2018
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF020318.M
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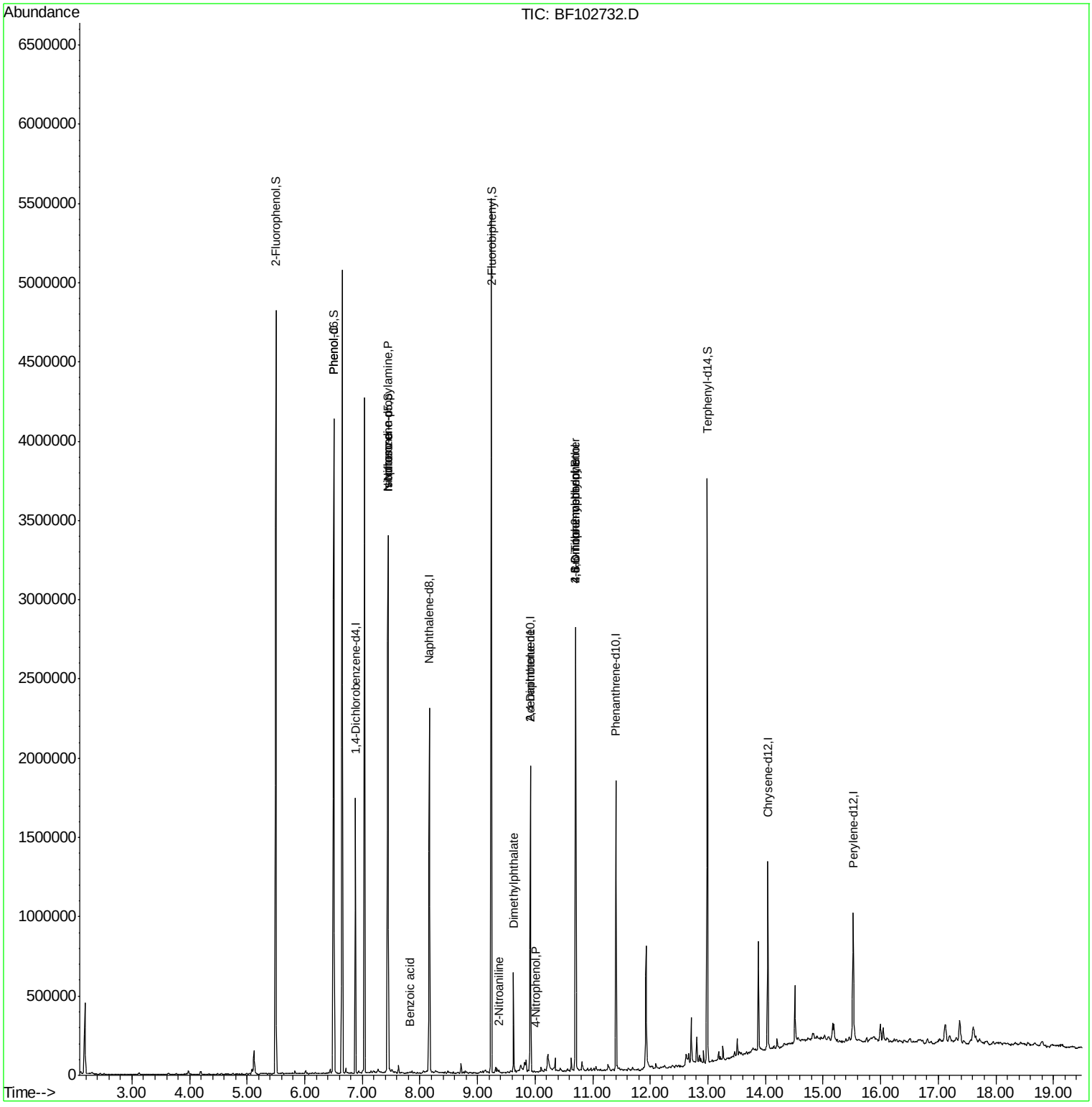
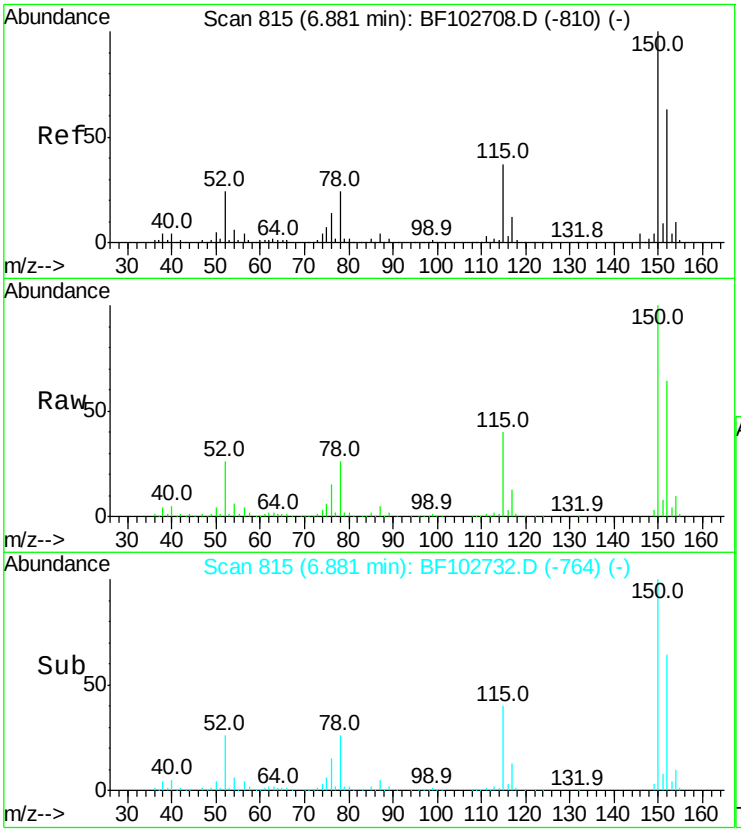


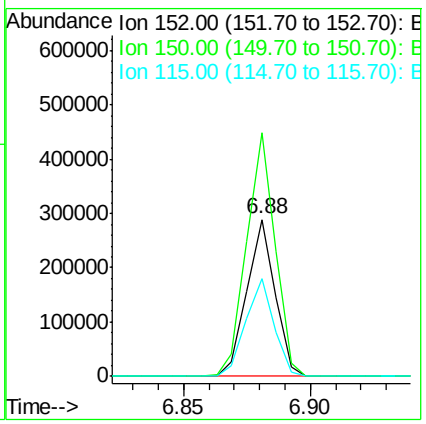


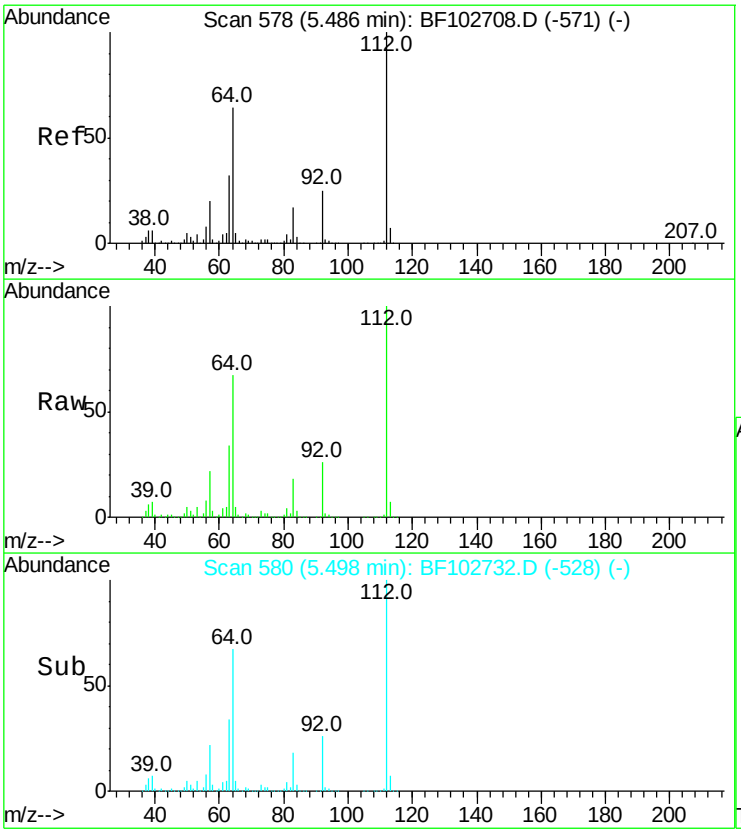
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.88 min Scan# 815
Delta R.T. 0.00 min
Lab File: BF102732.D
Acq: 5 Feb 2018 12:25

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:152 Resp: 224249

Ion	Ratio	Lower	Upper
152	100		
150	155.5	124.6	186.8
115	62.5	50.1	75.1

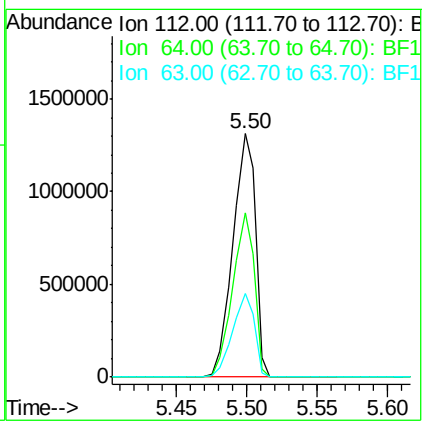


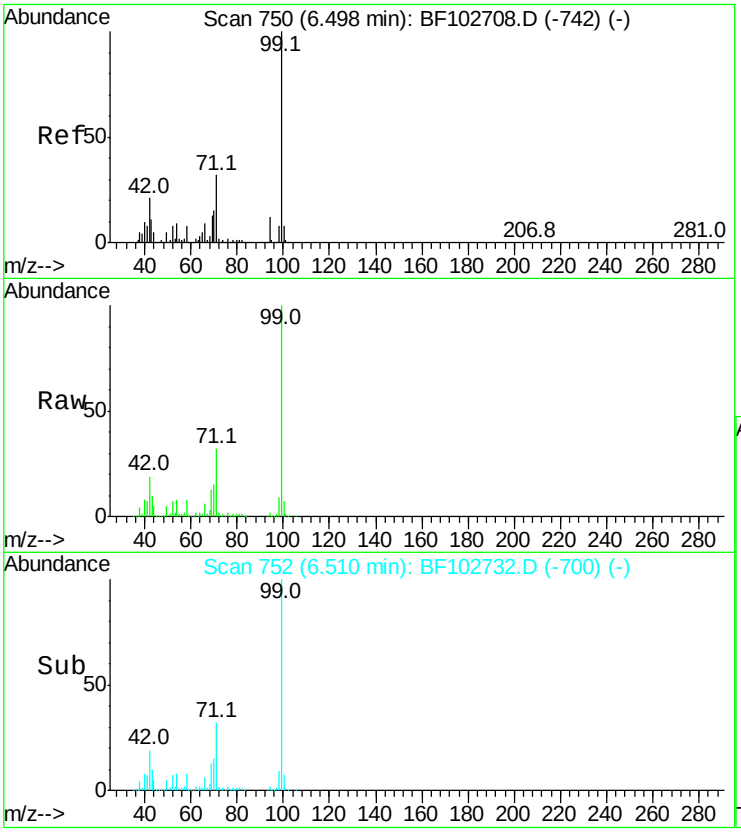


#5
2-Fluorophenol
Concen: 98.561 ng
RT: 5.50 min Scan# 580
Delta R.T. 0.01 min
Lab File: BF102732.D
Acq: 5 Feb 2018 12:25

Tgt Ion:112 Resp: 1455365

Ion	Ratio	Lower	Upper
112	100		
64	67.3	47.9	71.9
63	34.1	23.7	35.5



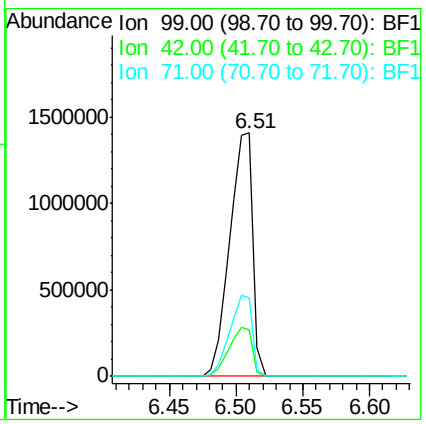


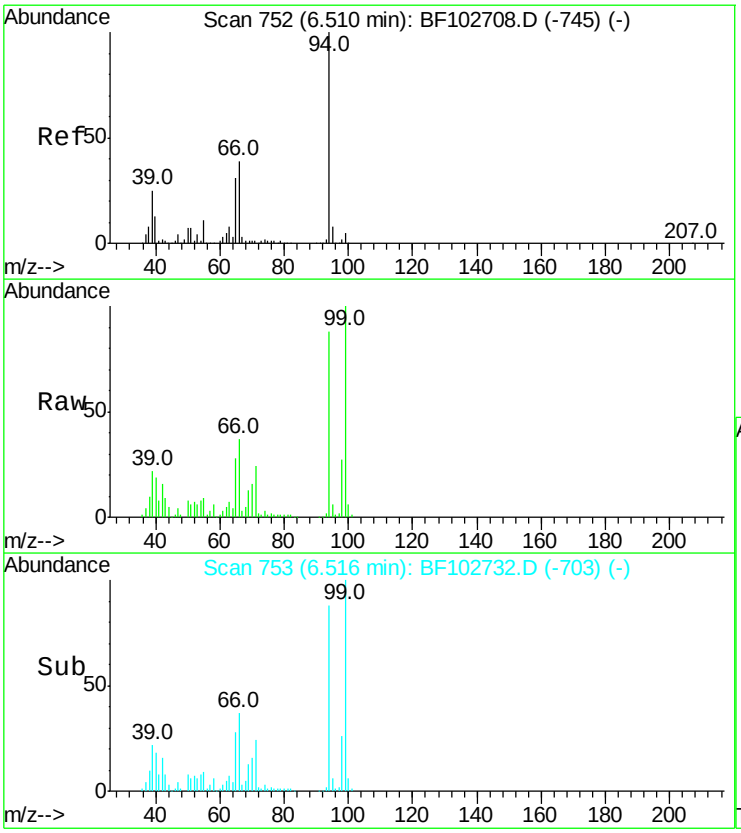
#7
Phenol-d6
Concen: 96.197 ng
RT: 6.51 min Scan# 752
Delta R.T. 0.01 min
Lab File: BF102732.D
Acq: 5 Feb 2018 12:25

Instrument :
BNA_F
ClientSampleId :

Tgt Ion: 99 Resp: 1710328

Ion	Ratio	Lower	Upper
99	100		
42	19.2	14.5	21.7
71	32.3	25.4	38.0

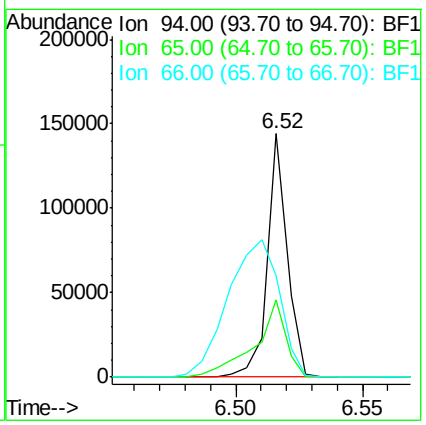


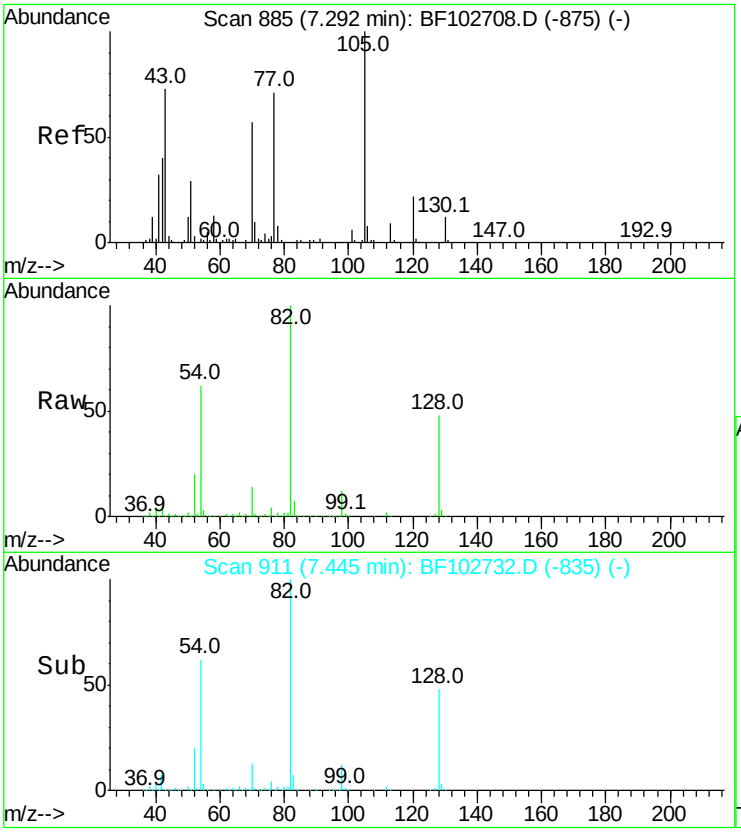


#10
Phenol
Concen: 4.160 ng
RT: 6.52 min Scan# 753
Delta R.T. -0.01 min
Lab File: BF102732.D
Acq: 5 Feb 2018 12:25

Tgt Ion: 94 Resp: 79264

Ion	Ratio	Lower	Upper
94	100		
65	31.7	7.9	47.9
66	41.8	16.2	56.2



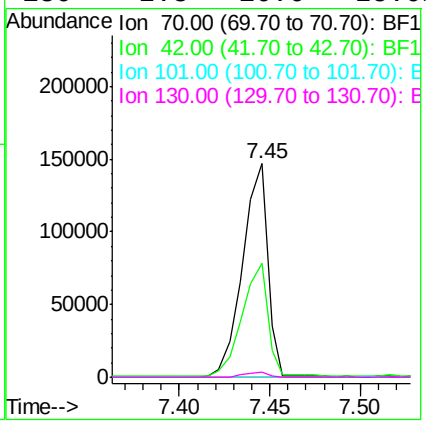


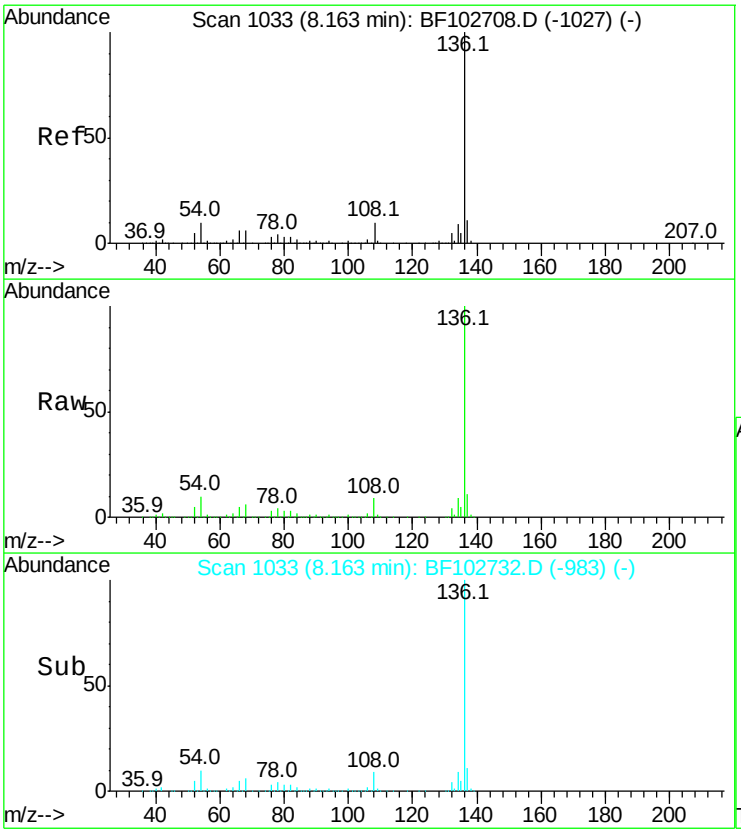
#19
n-Nitroso-di-n-propylamine
Concen: 12.191 ng
RT: 7.45 min Scan# 911
Delta R.T. 0.15 min
Lab File: BF102732.D
Acq: 5 Feb 2018 12:25

Instrument :
BNA_F
ClientSampleId :

Tgt Ion: 70 Resp: 142912

Ion	Ratio	Lower	Upper
70	100		
42	53.5	47.5	71.3
101	0.0	7.4	11.2#
130	2.3	16.6	25.0#

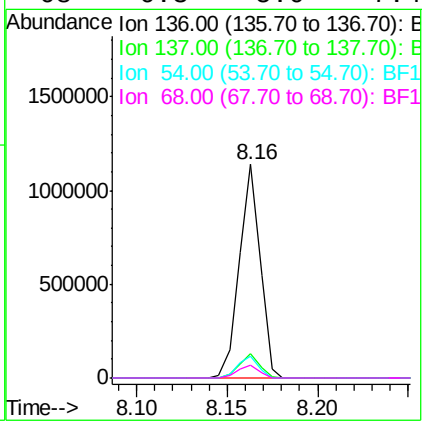


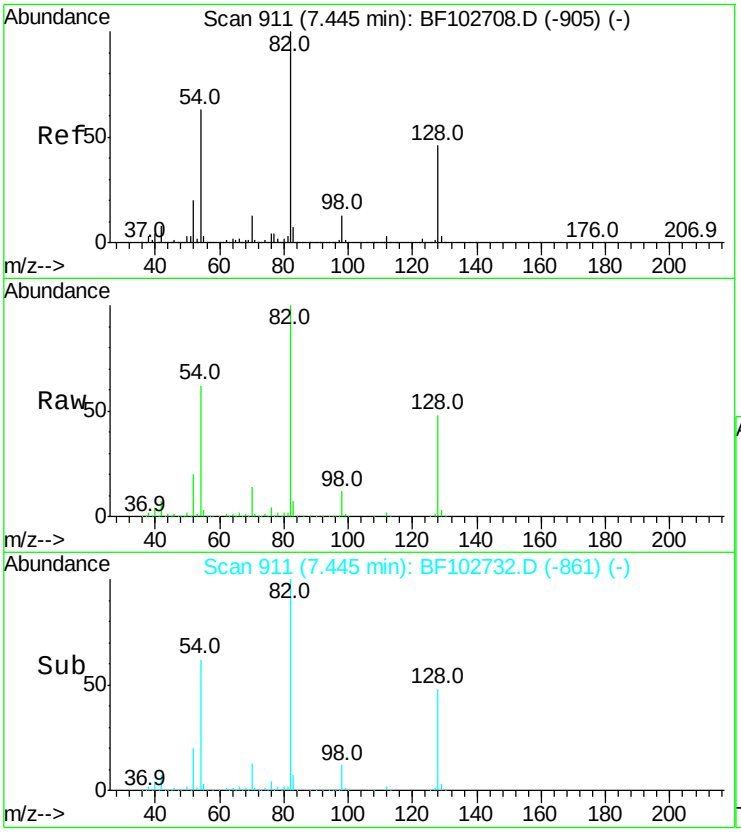


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.16 min Scan# 1033
Delta R.T. -0.01 min
Lab File: BF102732.D
Acq: 5 Feb 2018 12:25

Tgt Ion:136 Resp: 907271

Ion	Ratio	Lower	Upper
136	100		
137	11.2	8.9	13.3
54	9.9	6.6	9.8#
68	6.3	5.0	7.4



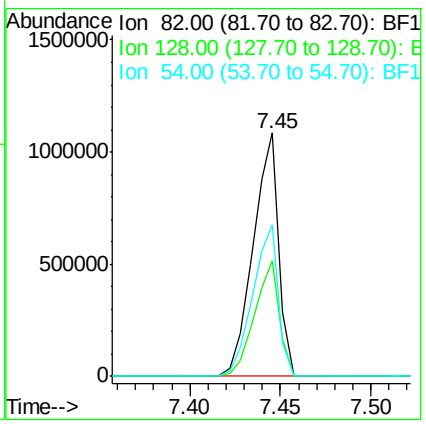


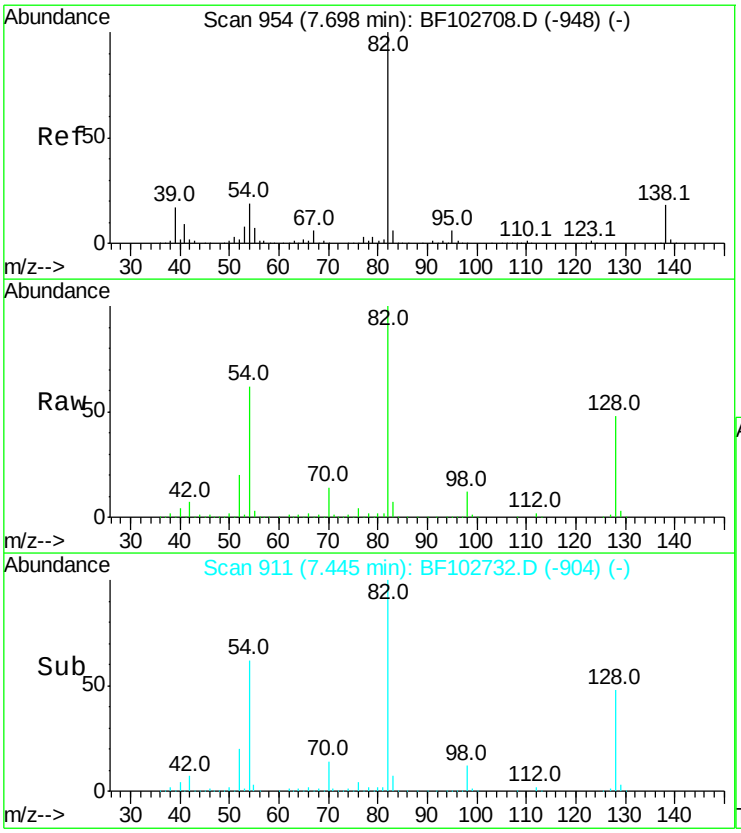
#23
Nitrobenzene-d5
Concen: 80.484 ng
RT: 7.45 min Scan# 911
Delta R.T. -0.01 min
Lab File: BF102732.D
Acq: 5 Feb 2018 12:25

Instrument :
BNA_F
ClientSampleId :

Tgt Ion: 82 Resp: 1052616

Ion	Ratio	Lower	Upper
82	100		
128	47.6	36.1	54.1
54	62.4	41.4	62.2#

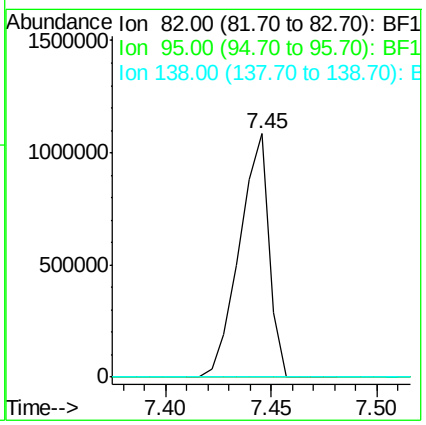


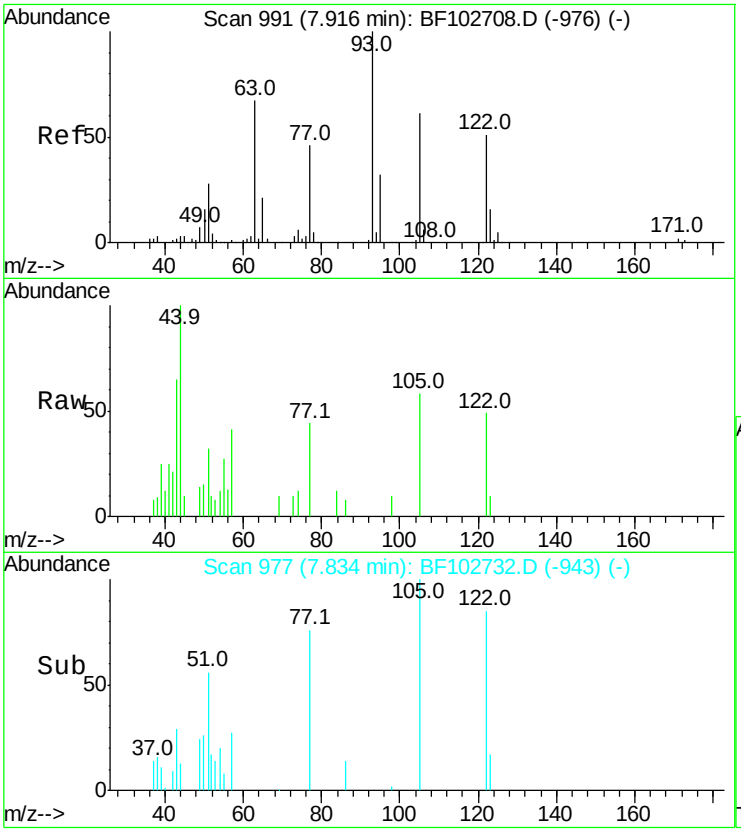


#25
Isophorone
Concen: 34.946 ng
RT: 7.45 min Scan# 911
Delta R.T. -0.26 min
Lab File: BF102732.D
Acq: 5 Feb 2018 12:25

Tgt Ion: 82 Resp: 1052433

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

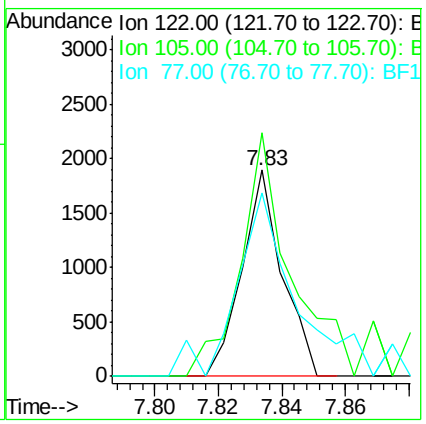




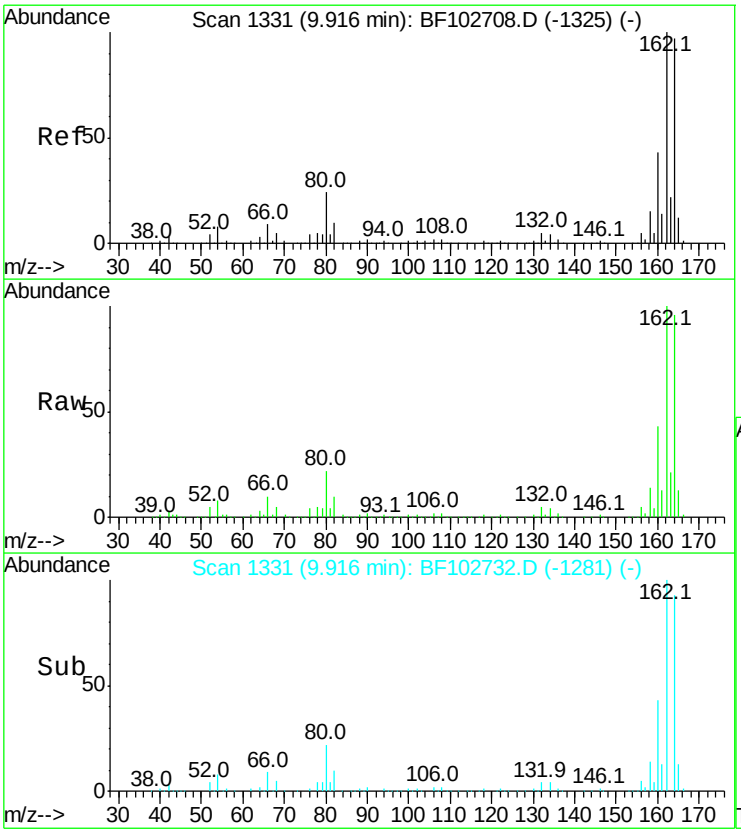
#32
Benzoic acid
Concen: 8.722 ng
RT: 7.83 min Scan# 977
Delta R.T. -0.10 min
Lab File: BF102732.D
Acq: 5 Feb 2018 12:25

Tgt Ion:122 Resp: 1663

Ion	Ratio	Lower	Upper
122	100		
105	118.1	101.1	141.1
77	89.3	70.7	110.7



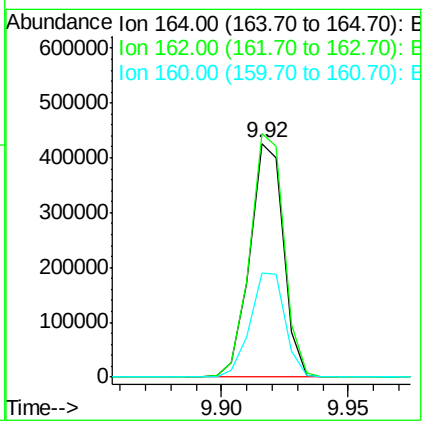
Instrument :
BNA_F
ClientSampleId :

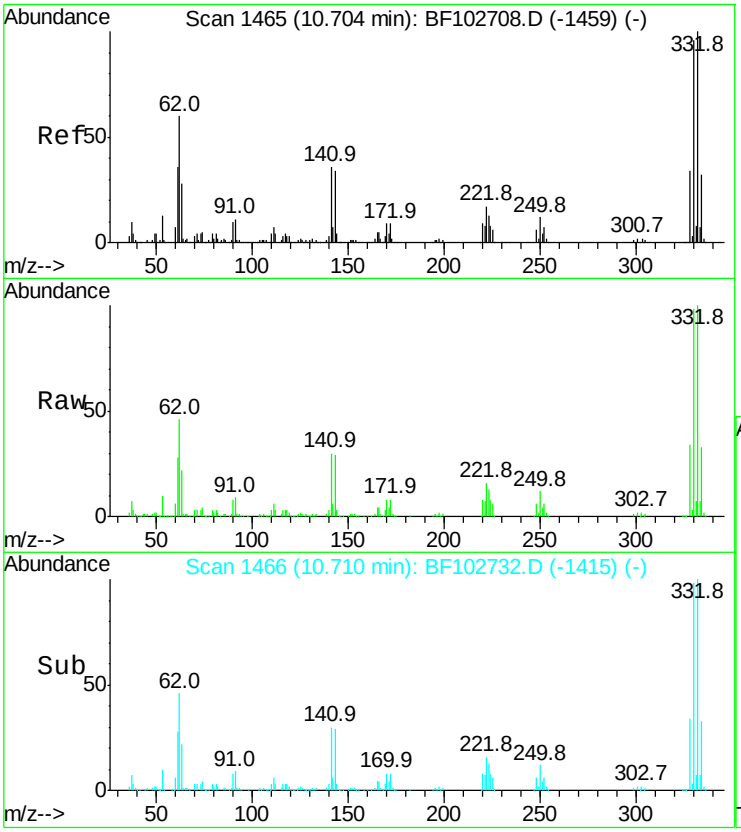


#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.92 min Scan# 1331
Delta R.T. -0.01 min
Lab File: BF102732.D
Acq: 5 Feb 2018 12:25

Tgt Ion:164 Resp: 392004

Ion	Ratio	Lower	Upper
164	100		
162	104.2	86.1	129.1
160	44.7	38.3	57.5



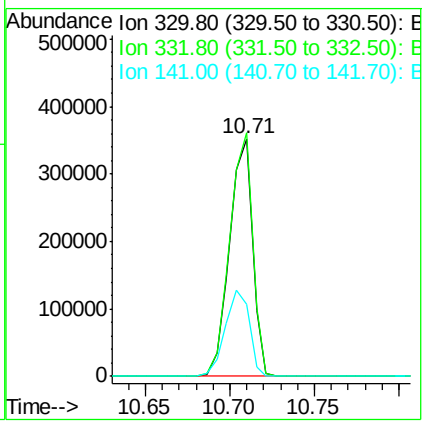


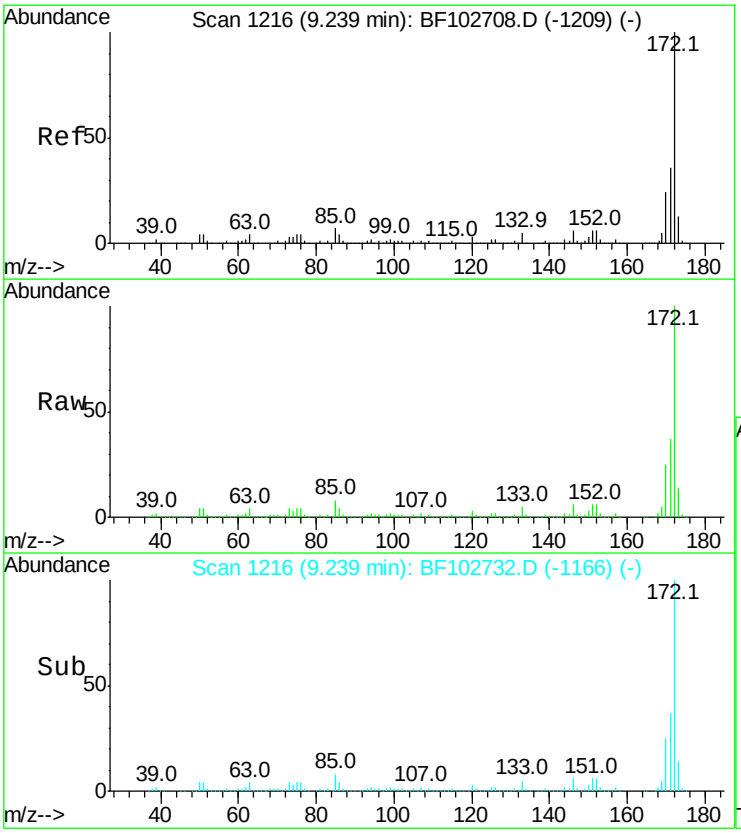
#41
2,4,6-Tribromophenol
Concen: 105.855 ng
RT: 10.71 min Scan# 1466
Delta R.T. 0.00 min
Lab File: BF102732.D
Acq: 5 Feb 2018 12:25

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:330 Resp: 333991

Ion	Ratio	Lower	Upper
330	100		
332	102.0	77.0	115.6
141	38.1	29.9	44.9

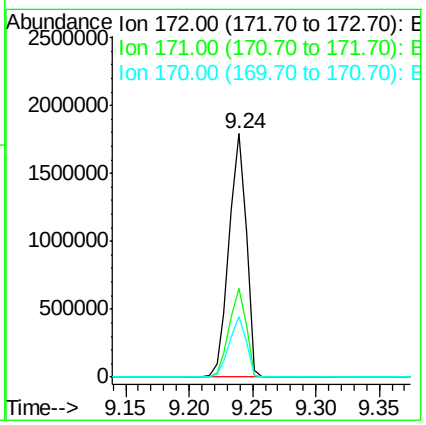


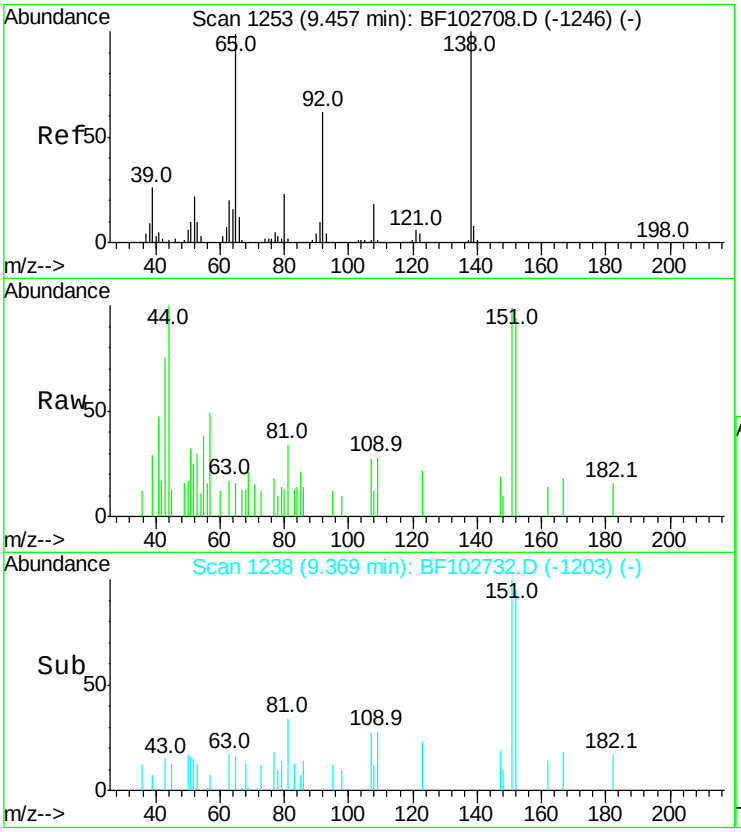


#44
2-Fluorobiphenyl
Concen: 70.445 ng
RT: 9.24 min Scan# 1216
Delta R.T. -0.01 min
Lab File: BF102732.D
Acq: 5 Feb 2018 12:25

Tgt Ion:172 Resp: 1664186

Ion	Ratio	Lower	Upper
172	100		
171	36.6	29.7	44.5
170	24.9	19.6	29.4



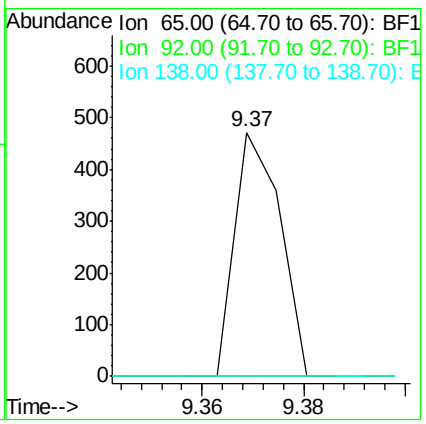


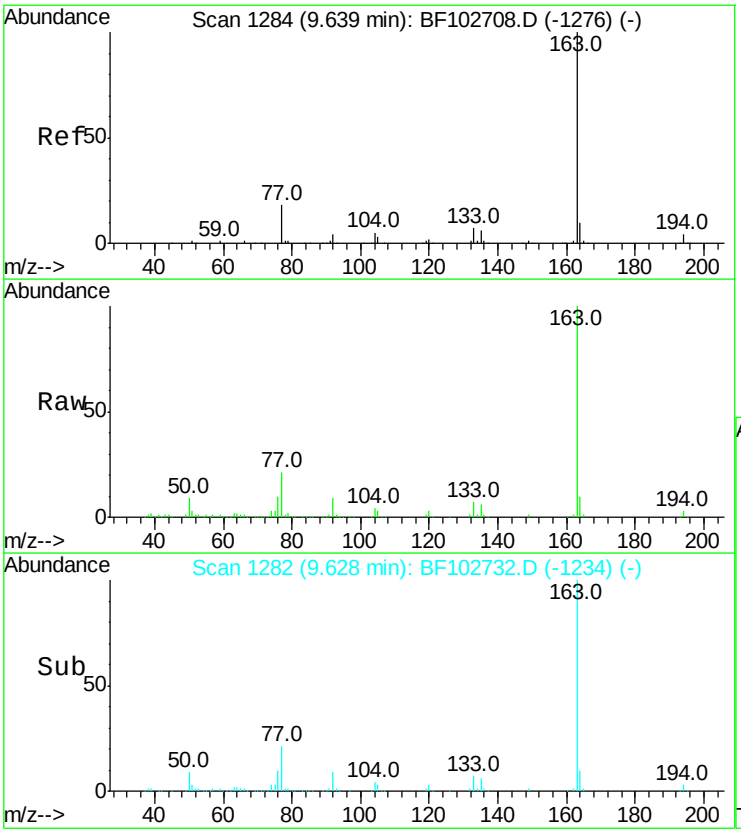
#47
2-Nitroaniline
Concen: 3.506 ng
RT: 9.37 min Scan# 1238
Delta R.T. -0.09 min
Lab File: BF102732.D
Acq: 5 Feb 2018 12:25

Instrument :
BNA_F
ClientSampleId :

Tgt Ion: 65 Resp: 293

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

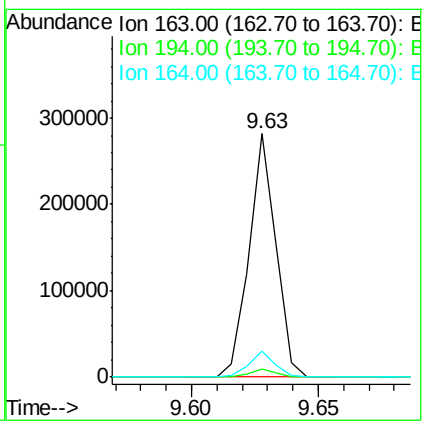


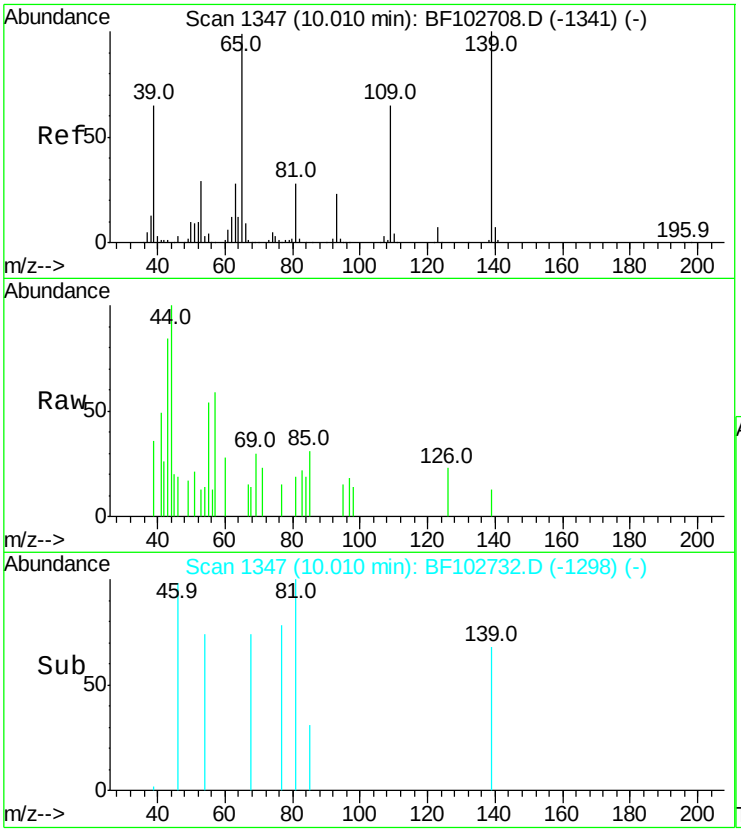


#49
Dimethylphthalate
Concen: 6.779 ng
RT: 9.63 min Scan# 1282
Delta R.T. -0.02 min
Lab File: BF102732.D
Acq: 5 Feb 2018 12:25

Tgt Ion:163 Resp: 207199

Ion	Ratio	Lower	Upper
163	100		
194	3.2	2.7	4.1
164	10.5	8.2	12.2



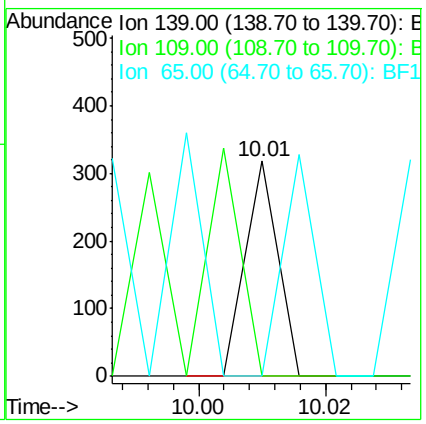


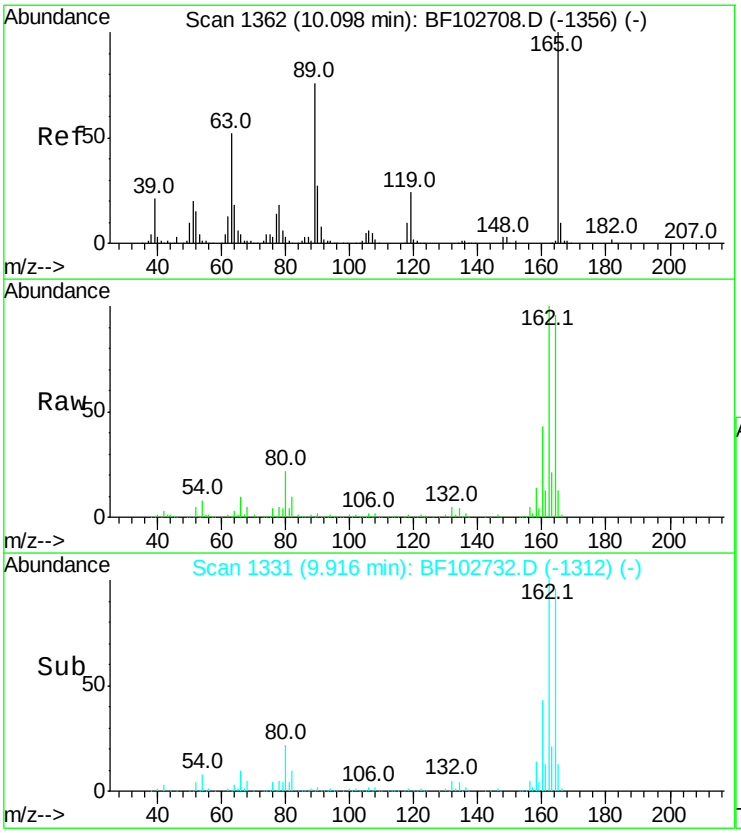
#55
4-Nitrophenol
Concen: 4.042 ng
RT: 10.01 min Scan# 1347
Delta R.T. -0.01 min
Lab File: BF102732.D
Acq: 5 Feb 2018 12:25

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:139 Resp: 112

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

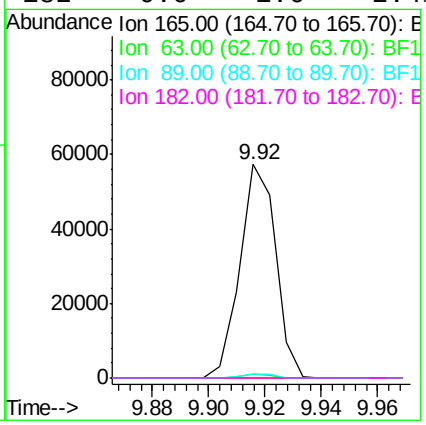


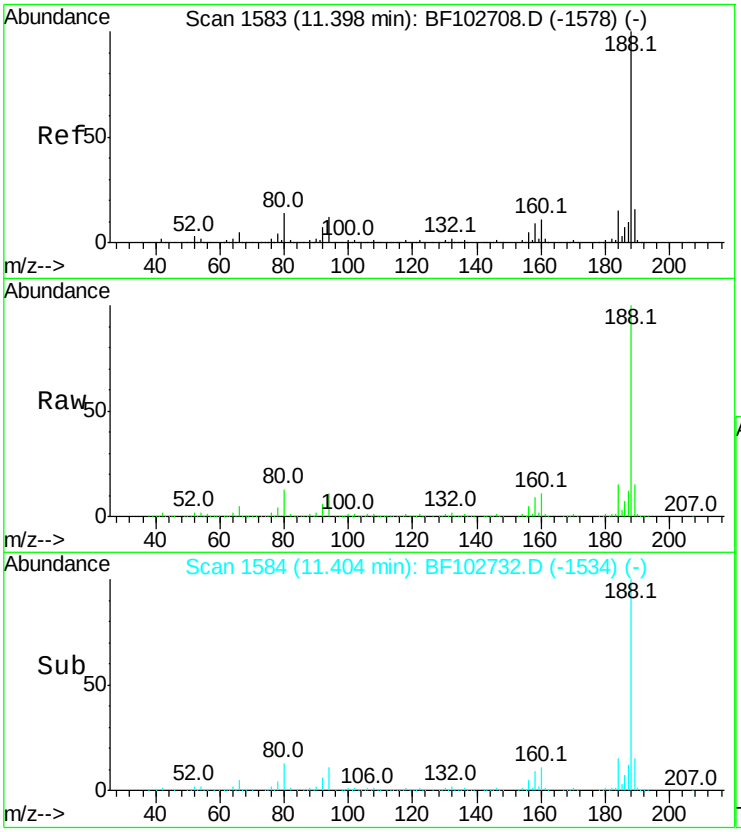


#56
2,4-Dinitrotoluene
Concen: 9.100 ng
RT: 9.92 min Scan# 1331
Delta R.T. -0.19 min
Lab File: BF102732.D
Acq: 5 Feb 2018 12:25

Tgt Ion:165 Resp: 50202

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



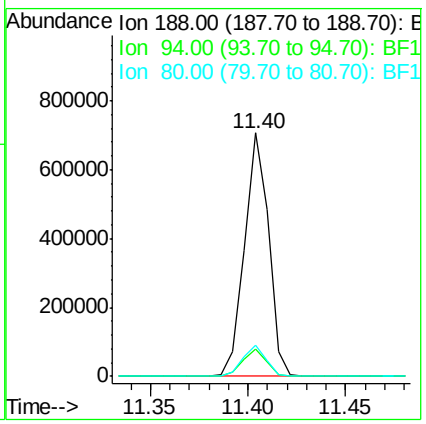


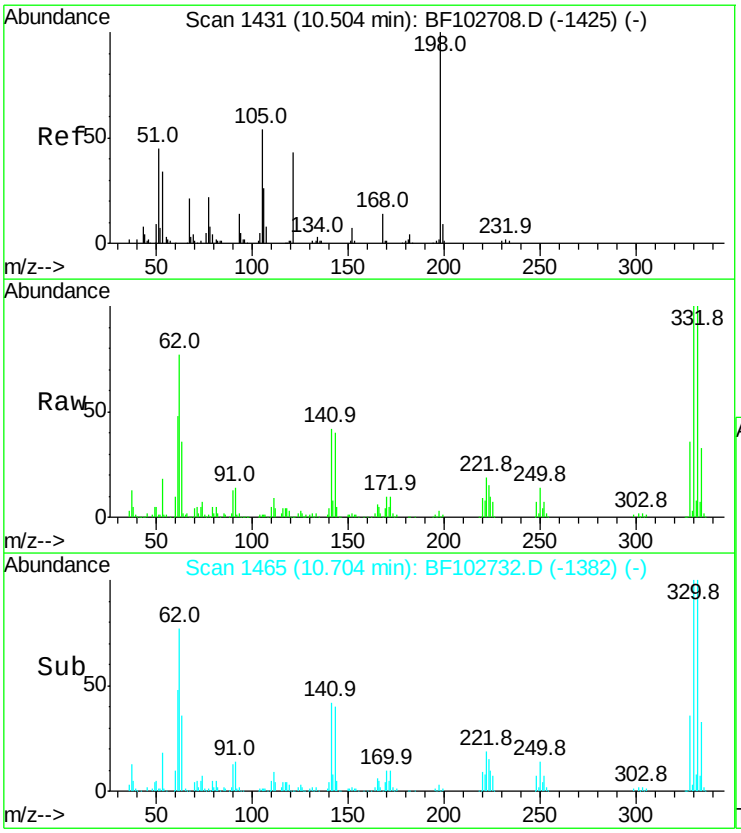
#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.40 min Scan# 1584
Delta R.T. -0.01 min
Lab File: BF102732.D
Acq: 5 Feb 2018 12:25

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:188 Resp: 605418

Ion	Ratio	Lower	Upper
188	100		
94	11.4	8.5	12.7
80	12.7	9.2	13.8

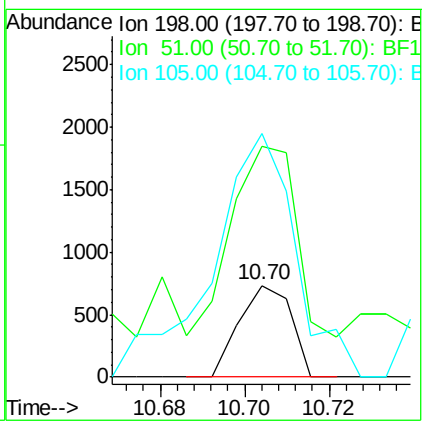


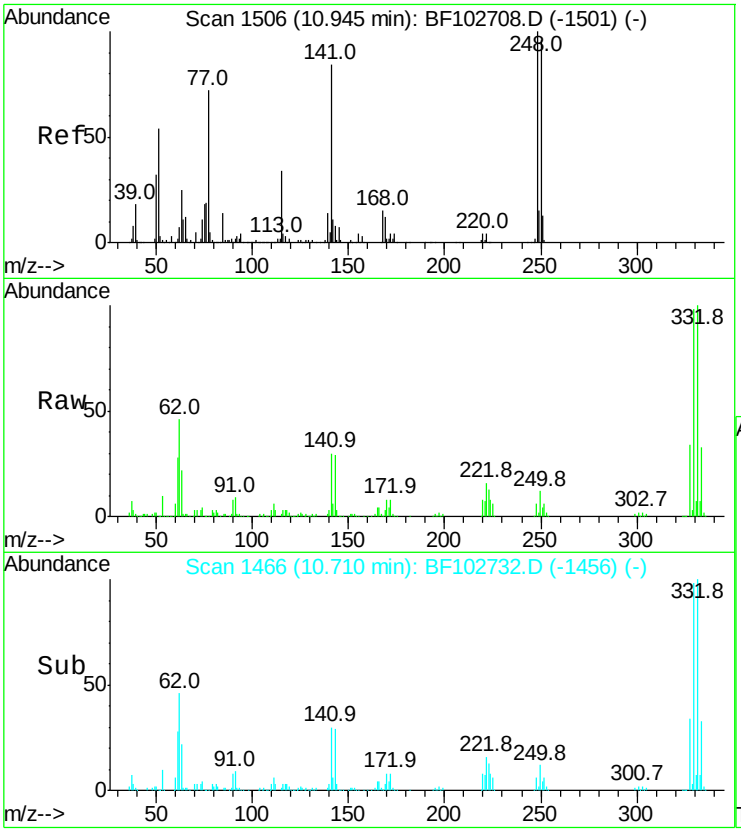


#64
4,6-Dinitro-2-methylphenol
Concen: 9.022 ng
RT: 10.70 min Scan# 1465
Delta R.T. 0.19 min
Lab File: BF102732.D
Acq: 5 Feb 2018 12:25

Tgt Ion:198 Resp: 627

Ion	Ratio	Lower	Upper
198	100		
51	251.6	37.7	77.7#
105	265.8	36.3	76.3#



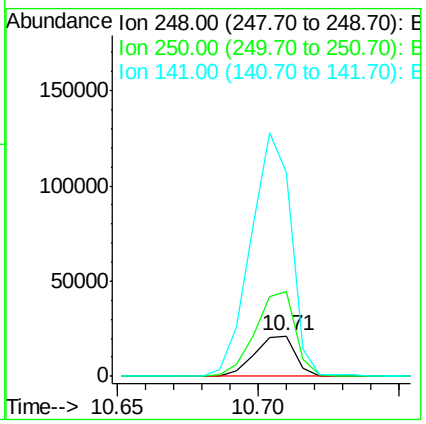


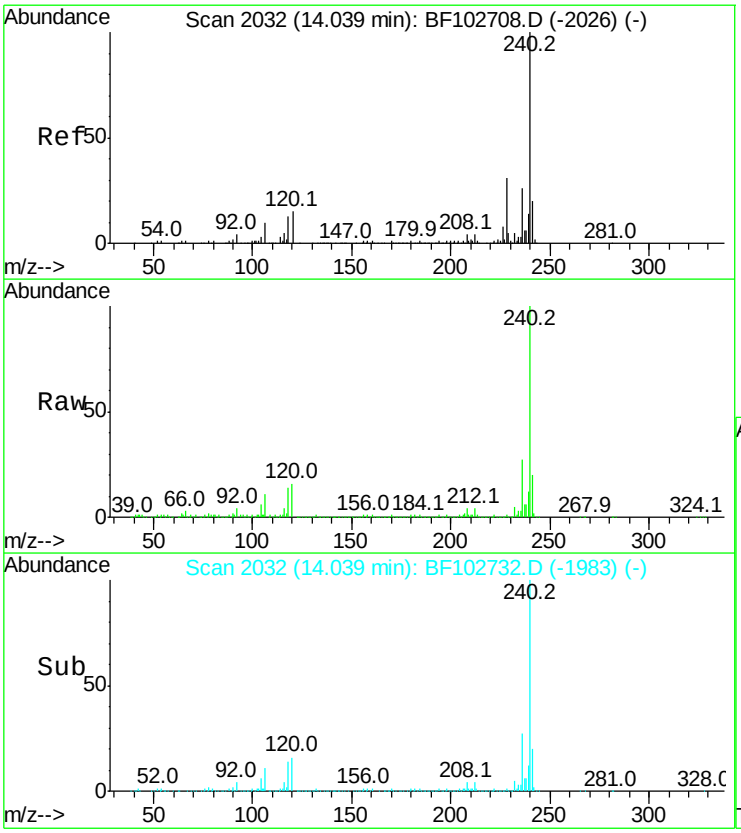
#66
4-Bromophenyl-phenylether
Concen: 3.288 ng
RT: 10.71 min Scan# 1466
Delta R.T. -0.24 min
Lab File: BF102732.D
Acq: 5 Feb 2018 12:25

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:248 Resp: 21058

Ion	Ratio	Lower	Upper
248	100		
250	210.0	76.9	115.3#
141	506.6	74.4	111.6#

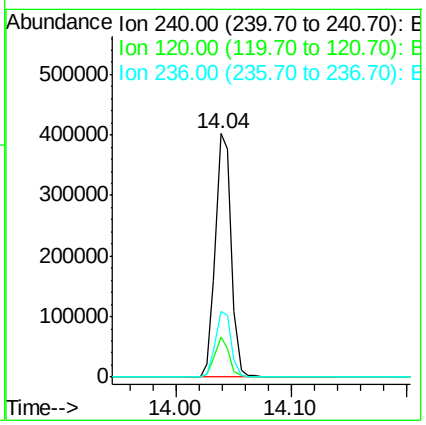


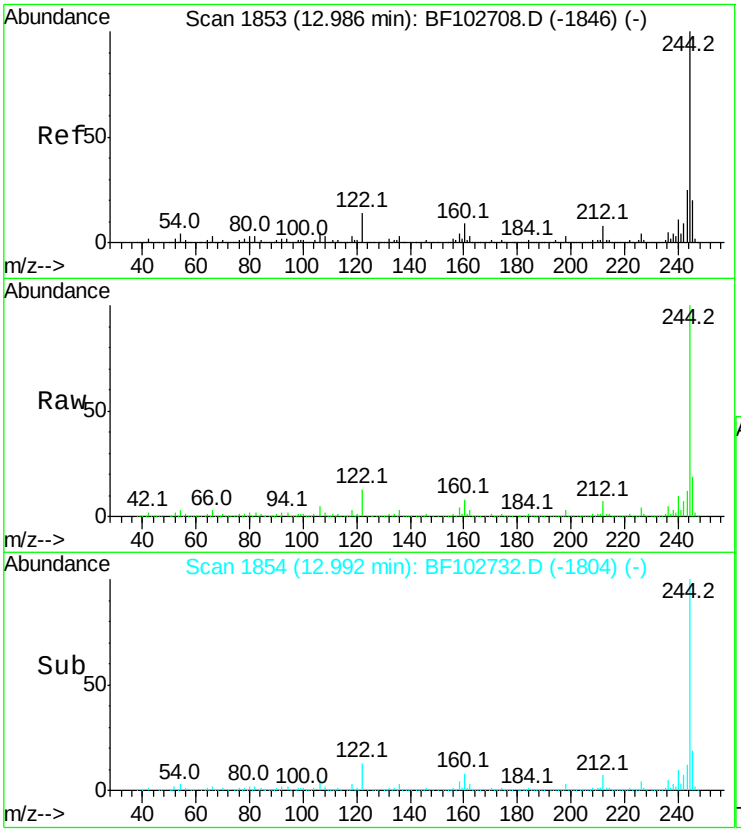


#75
Chrysene-d12
Concen: 20.000 ng
RT: 14.04 min Scan# 2032
Delta R.T. -0.01 min
Lab File: BF102732.D
Acq: 5 Feb 2018 12:25

Tgt Ion:240 Resp: 386008

Ion	Ratio	Lower	Upper
240	100		
120	16.5	9.5	14.3#
236	27.0	20.7	31.1



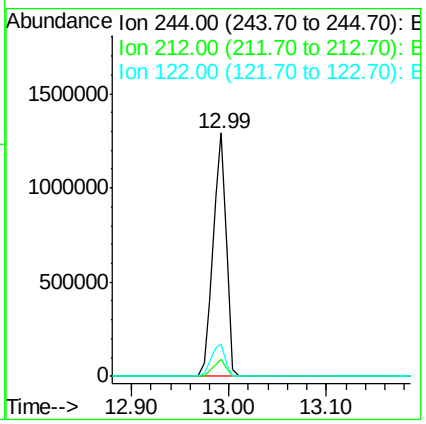


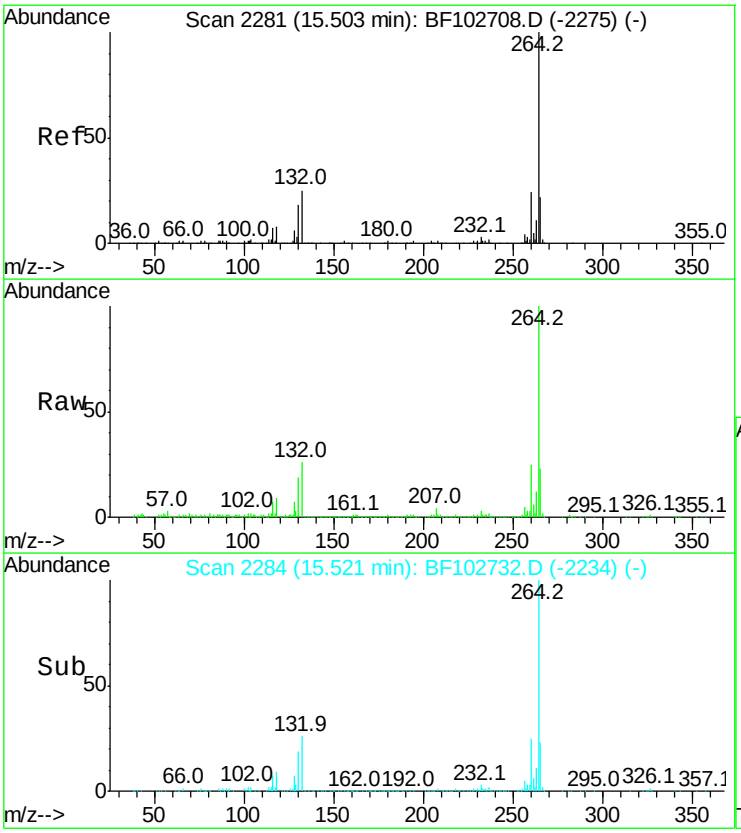
#78
Terphenyl-d14
Concen: 73.529 ng
RT: 12.99 min Scan# 1854
Delta R.T. -0.01 min
Lab File: BF102732.D
Acq: 5 Feb 2018 12:25

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:244 Resp: 1198715

Ion	Ratio	Lower	Upper
244	100		
212	6.9	5.4	8.0
122	13.3	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: BF102732.D
Acq: 5 Feb 2018 12:25

Tgt Ion:264 Resp: 367621

Ion	Ratio	Lower	Upper
264	100		
260	25.5	19.2	28.8
265	23.0	17.5	26.3