Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF021918\
Data File : BF103073.D
Acq On : 19 Feb 2018 11:13
Operator : SJ/JU
Sample : J1399-06
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId :

Quant Time: Feb 19 16:12:23 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	173365	20.00	ng		0.00
21) Naphthalene-d8	8.16	136	734183	20.00	ng		0.00
38) Acenaphthene-d10	9.92	164	336662	20.00	ng		0.00
63) Phenanthrene-d10	11.40	188	587139	20.00	ng		0.00
75) Chrysene-d12	14.05	240	439503	20.00	ng		0.00
86) Perylene-d12	15.54	264	346273	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.52	112	1267877	111.07	ng		0.02
7) Phenol-d6	6.52	99	1382218	100.56	ng		0.00
23) Nitrobenzene-d5	7.45	82	1075960	101.66	ng		0.00
41) 2,4,6-Tribromophenol	10.71	330	390697	144.18	ng		0.00
44) 2-Fluorobiphenyl	9.23	172	1742493	85.88	ng		0.00
78) Terphenyl-d14	12.99	244	1659338	89.40	ng		0.00
Target Compounds							Qvalue
9) Benzaldehyde	6.66	77	28712	2.813	ng		81
19) n-Nitroso-di-n-propylamine	7.45	70	143006	15.780	ng	#	79
25) Isophorone	7.45	82	1075952	44.150	ng	#	64
32) Benzoic acid	7.89	122	3317	8.984	ng	#	88
47) 2-Nitroaniline	9.57	65	121	3.489	ng	#	2
50) 2,6-Dinitrotoluene	9.92	165	43408	8.692	ng	#	26
55) 4-Nitrophenol	10.12	139	1180	4.246	ng	#	22
56) 2,4-Dinitrotoluene	9.92	165	43408	9.141	ng	#	23
64) 4,6-Dinitro-2-methylphenol	10.71	198	771	9.084	ng	#	1
66) 4-Bromophenyl-phenylether	10.71	248	24631	3.966	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 : BF103073.D
Acq On : 19 Feb 2018 11:13
Operator : SJ/JU
Sample : J1399-06
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :

Quant Time: Feb 19 16:12:23 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
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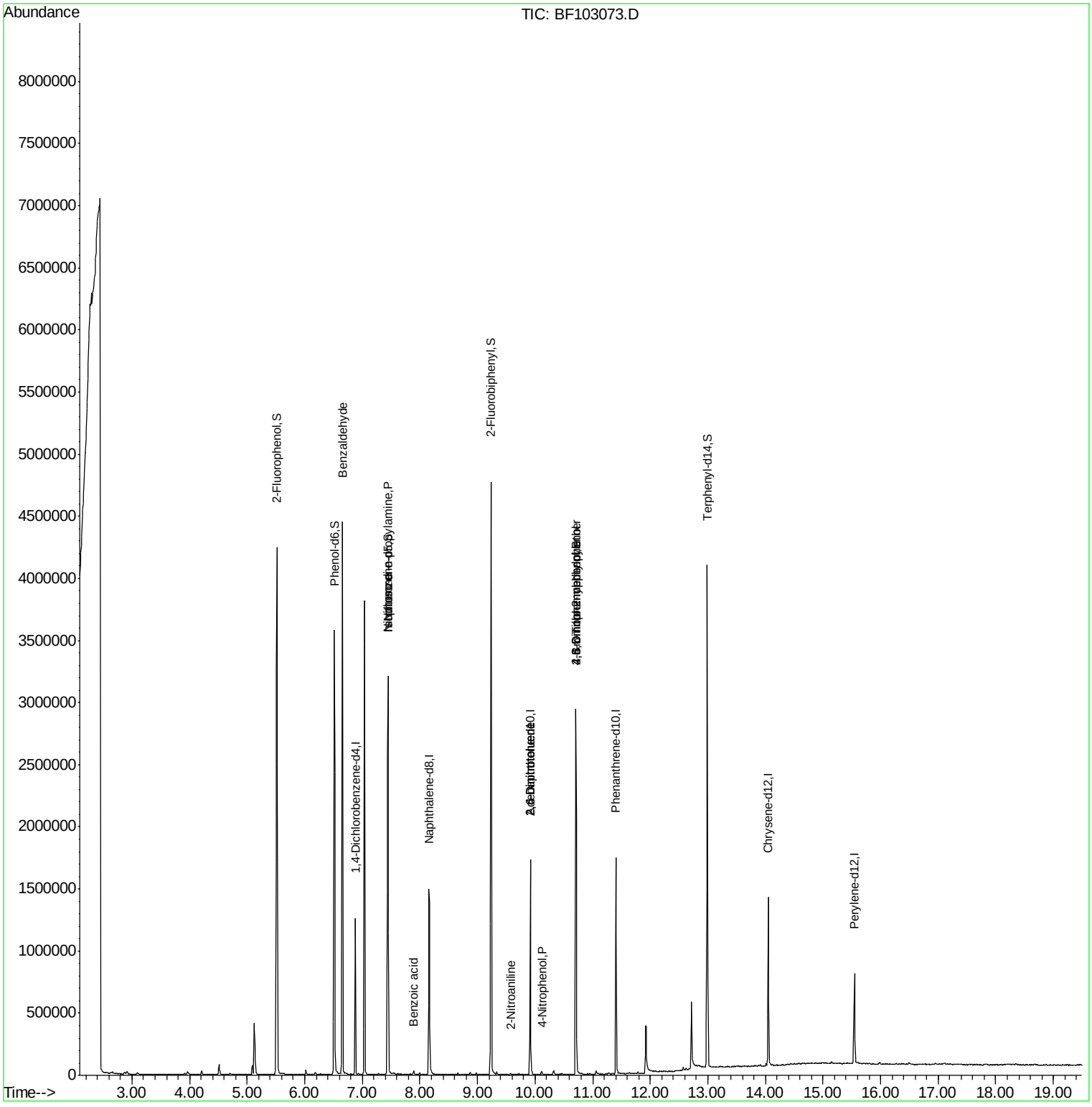
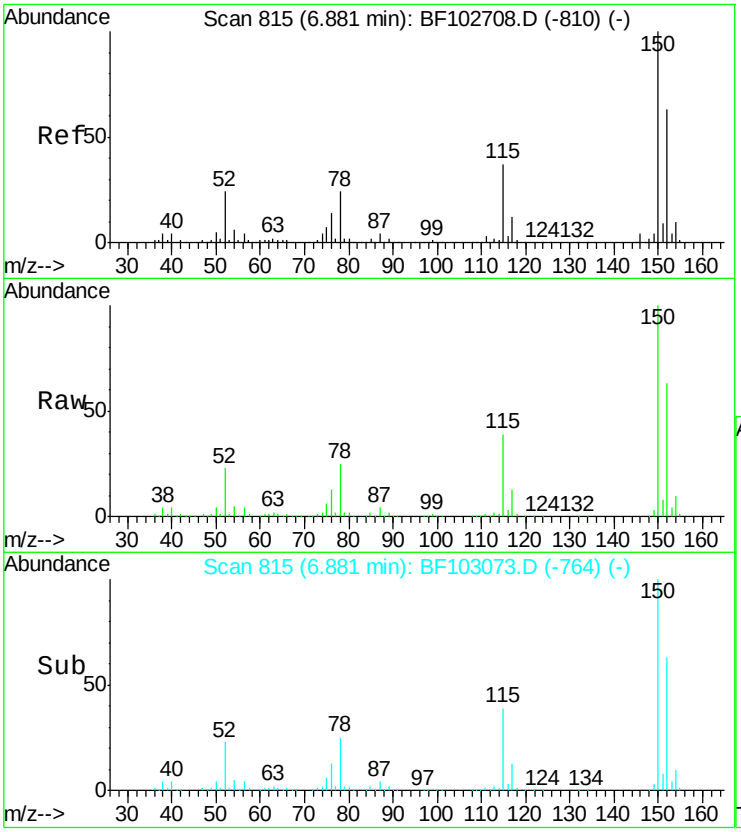


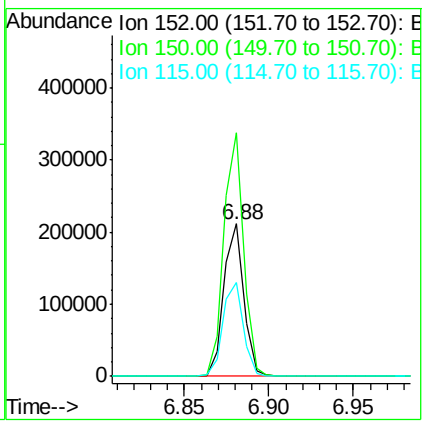


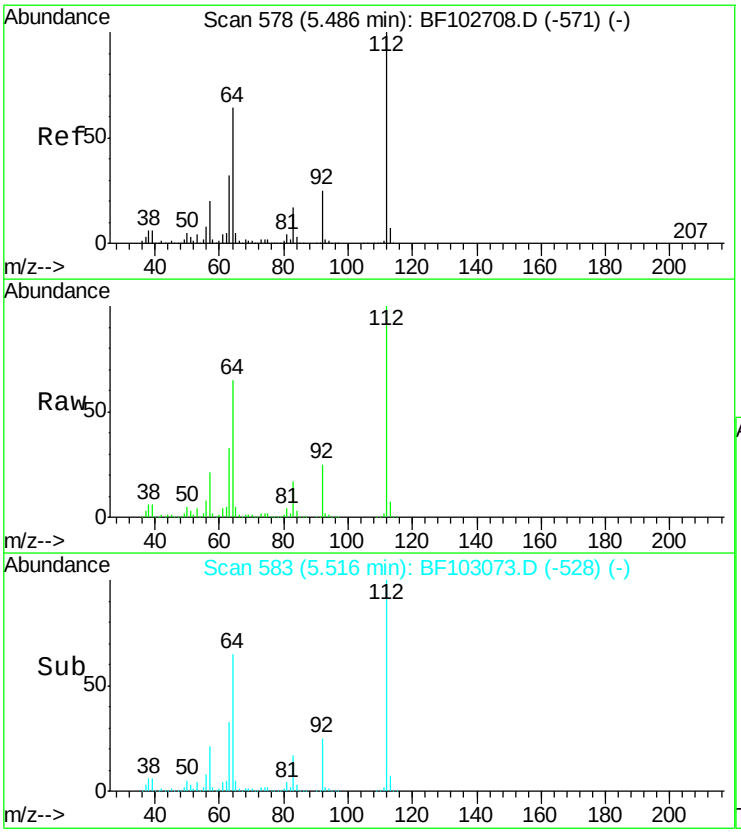
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.88 min Scan# 815
Delta R.T. 0.00 min
Lab File: BF103073.D
Acq: 19 Feb 2018 11:13

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:152 Resp: 173365

Ion	Ratio	Lower	Upper
152	100		
150	159.9	124.6	186.8
115	62.0	50.1	75.1

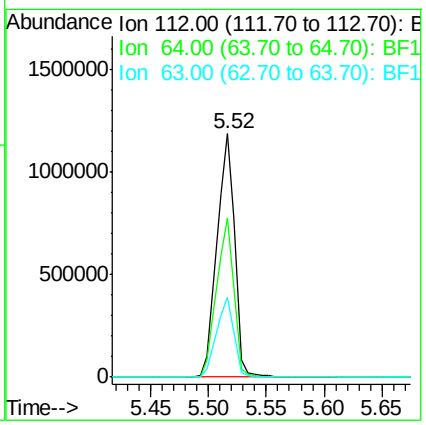


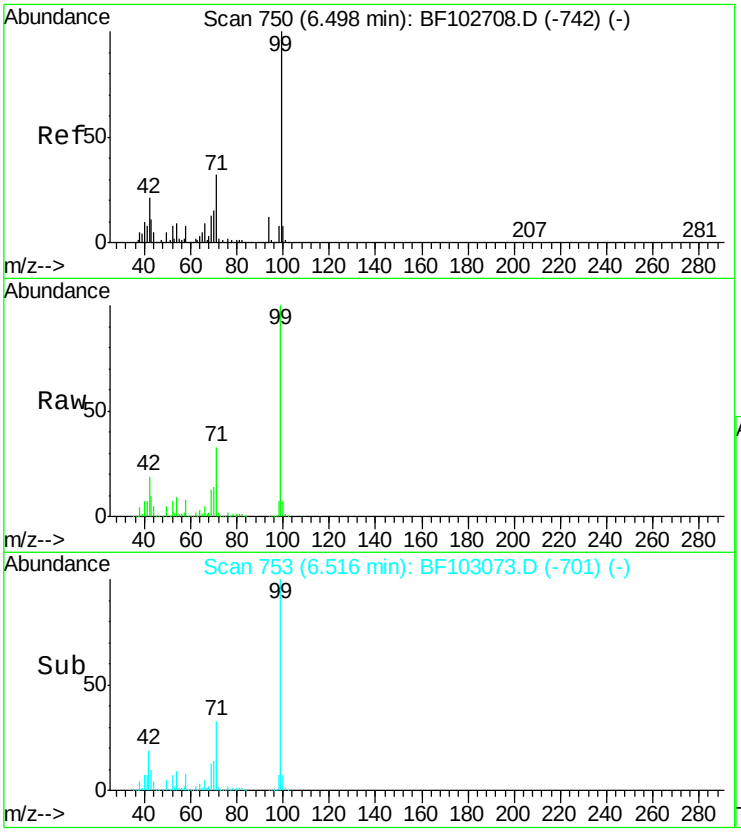


#5
2-Fluorophenol
Concen: 111.065 ng
RT: 5.52 min Scan# 583
Delta R.T. 0.02 min
Lab File: BF103073.D
Acq: 19 Feb 2018 11:13

Tgt Ion:112 Resp: 1267877

Ion	Ratio	Lower	Upper
112	100		
64	65.3	47.9	71.9
63	33.0	23.7	35.5



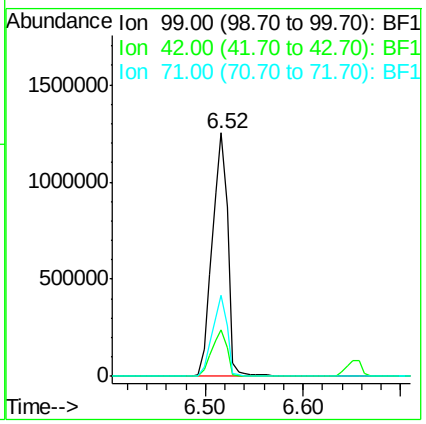


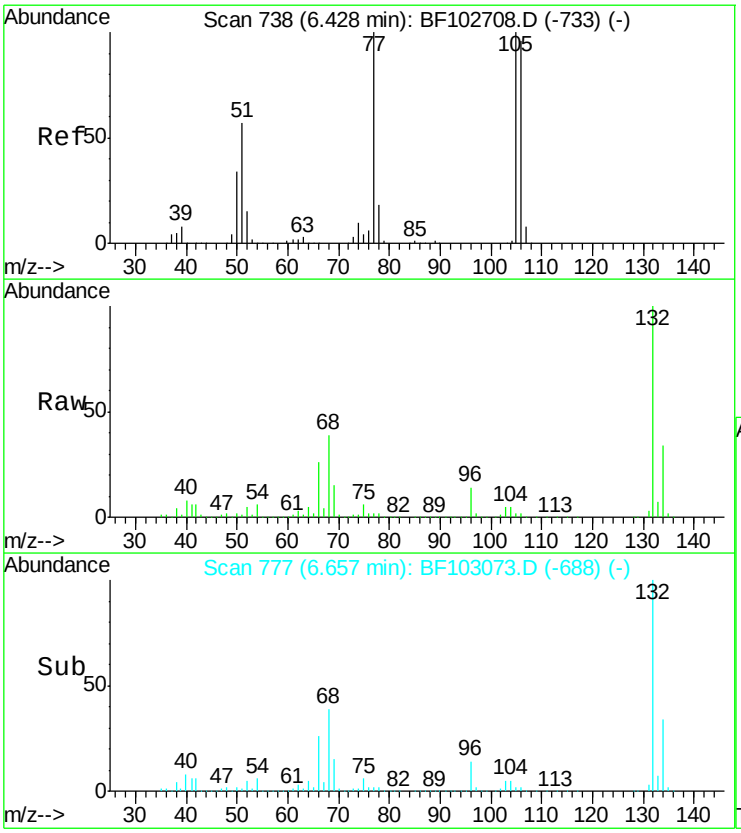
#7
Phenol-d6
Concen: 100.560 ng
RT: 6.52 min Scan# 753
Delta R.T. 0.01 min
Lab File: BF103073.D
Acq: 19 Feb 2018 11:13

Instrument :
BNA_F
ClientSampleId :

Tgt Ion: 99 Resp: 1382218

Ion	Ratio	Lower	Upper
99	100		
42	19.0	14.5	21.7
71	33.3	25.4	38.0

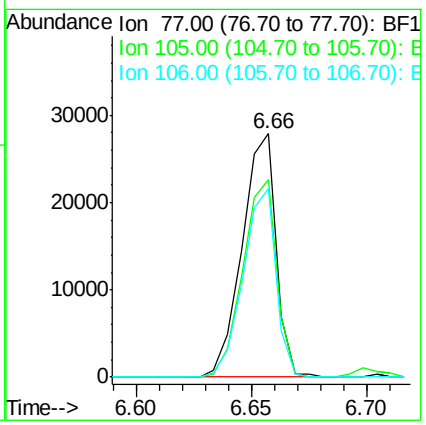


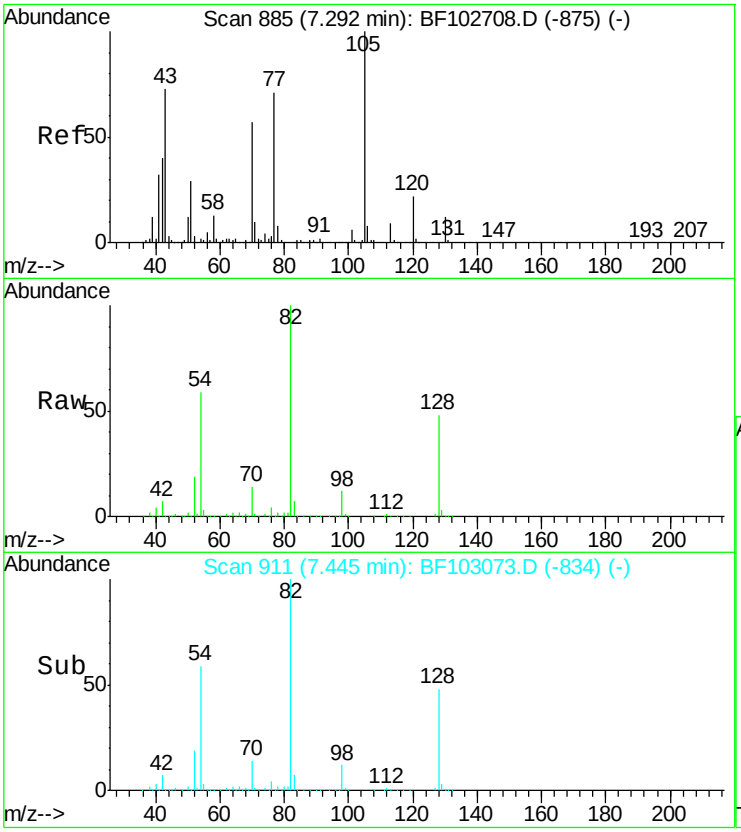


#9
Benzaldehyde
Concen: 2.813 ng
RT: 6.66 min Scan# 777
Delta R.T. 0.22 min
Lab File: BF103073.D
Acq: 19 Feb 2018 11:13

Tgt Ion: 77 Resp: 28712

Ion	Ratio	Lower	Upper
77	100		
105	81.4	81.1	121.1
106	77.6	74.5	114.5



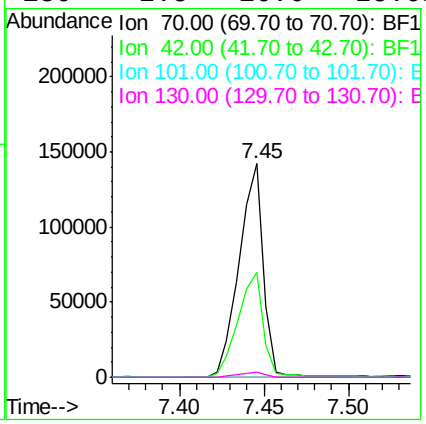


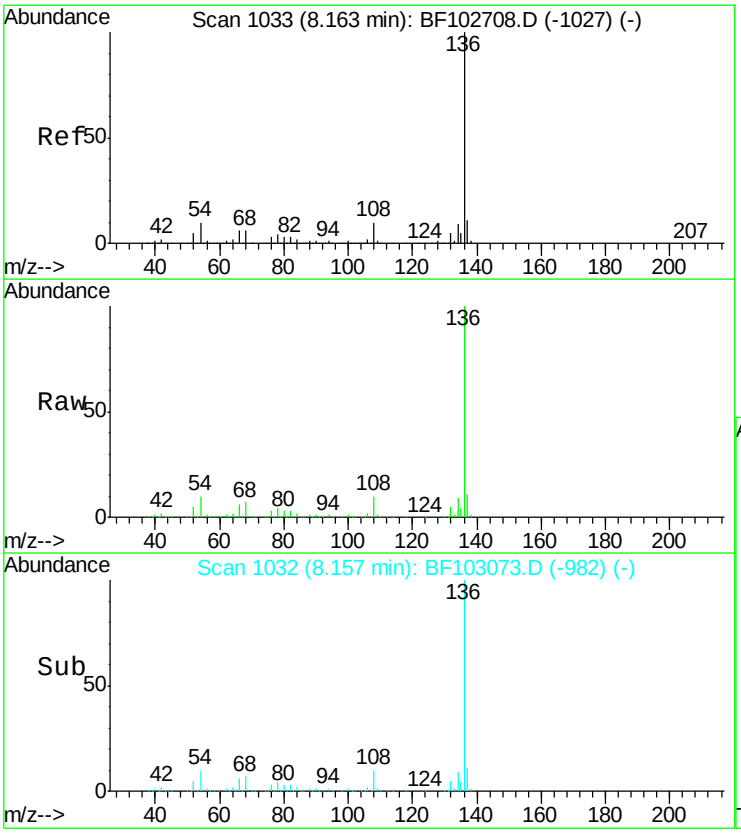
#19
n-Nitroso-di-n-propylamine
Concen: 15.780 ng
RT: 7.45 min Scan# 911
Delta R.T. 0.15 min
Lab File: BF103073.D
Acq: 19 Feb 2018 11:13

Instrument :
BNA_F
ClientSampleId :

Tgt Ion: 70 Resp: 143006

Ion	Ratio	Lower	Upper
70	100		
42	49.3	47.5	71.3
101	0.0	7.4	11.2#
130	2.5	16.6	25.0#

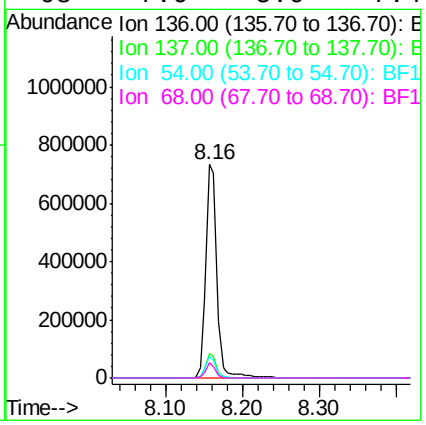


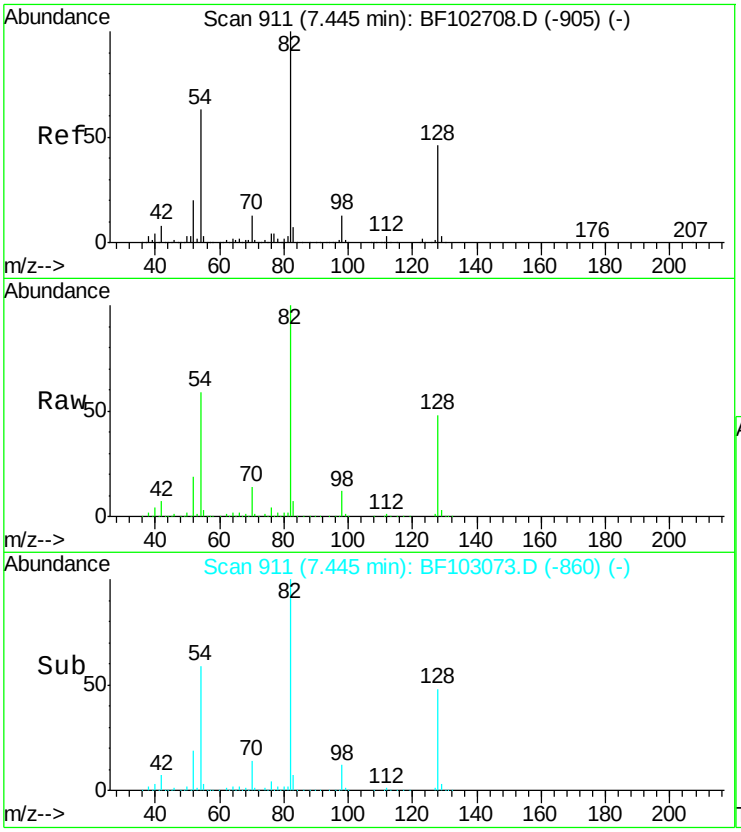


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.16 min Scan# 1032
Delta R.T. -0.01 min
Lab File: BF103073.D
Acq: 19 Feb 2018 11:13

Tgt Ion:136 Resp: 734183

Ion	Ratio	Lower	Upper
136	100		
137	11.3	8.9	13.3
54	10.4	6.6	9.8#
68	7.0	5.0	7.4



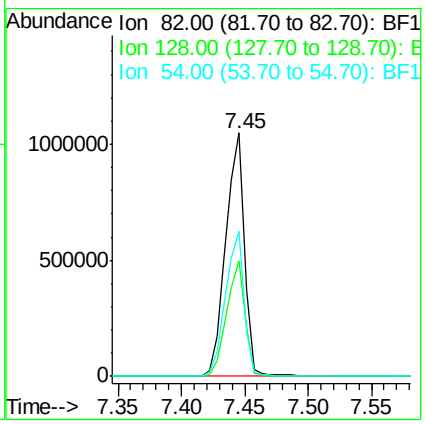


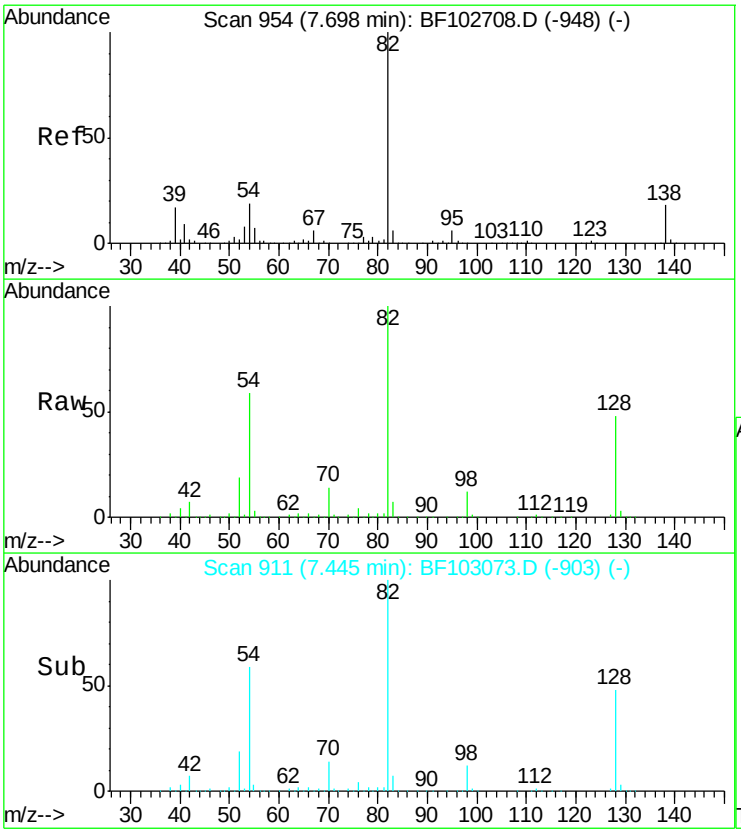
#23
Nitrobenzene-d5
Concen: 101.664 ng
RT: 7.45 min Scan# 911
Delta R.T. 0.00 min
Lab File: BF103073.D
Acq: 19 Feb 2018 11:13

Instrument :
BNA_F
ClientSampleId :

Tgt Ion: 82 Resp: 1075960

Ion	Ratio	Lower	Upper
82	100		
128	47.5	36.1	54.1
54	59.3	41.4	62.2

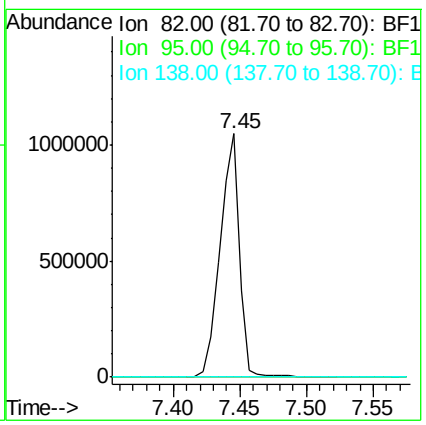


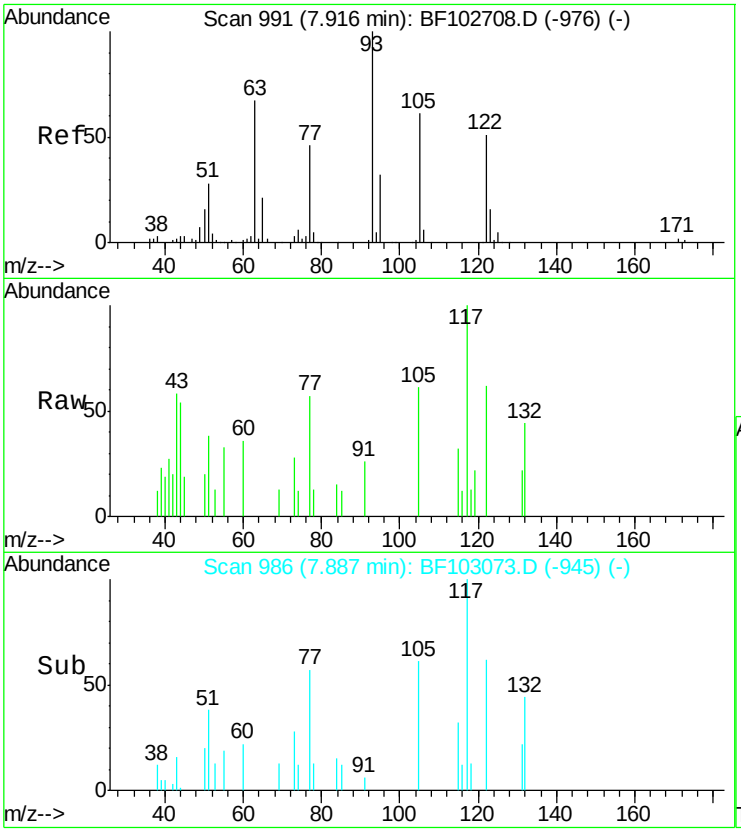


#25
Isophorone
Concen: 44.150 ng
RT: 7.45 min Scan# 911
Delta R.T. -0.25 min
Lab File: BF103073.D
Acq: 19 Feb 2018 11:13

Tgt Ion: 82 Resp: 1075952

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



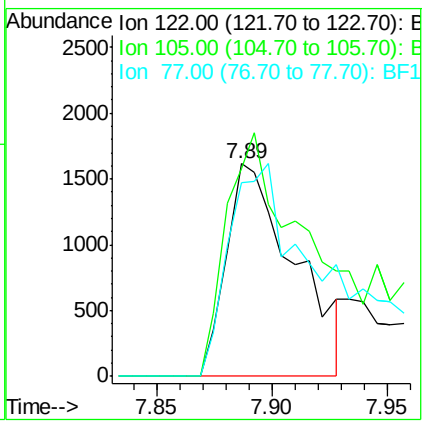


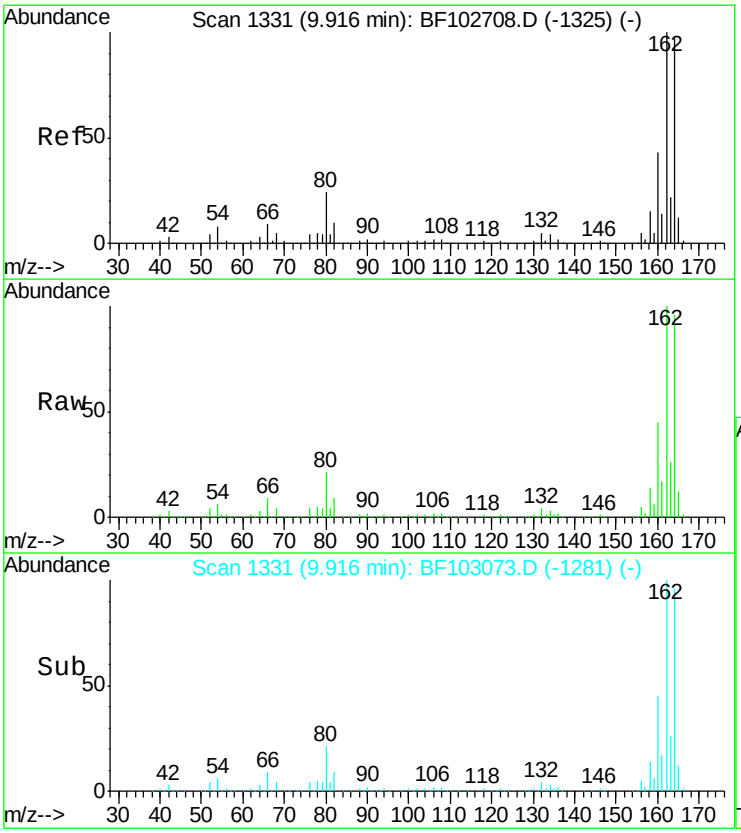
#32
Benzoic acid
Concen: 8.984 ng
RT: 7.89 min Scan# 986
Delta R.T. -0.06 min
Lab File: BF103073.D
Acq: 19 Feb 2018 11:13

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:122 Resp: 3317

Ion	Ratio	Lower	Upper
122	100		
105	97.9	101.1	141.1#
77	90.9	70.7	110.7

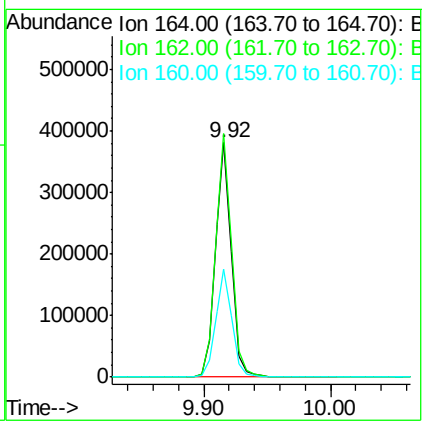


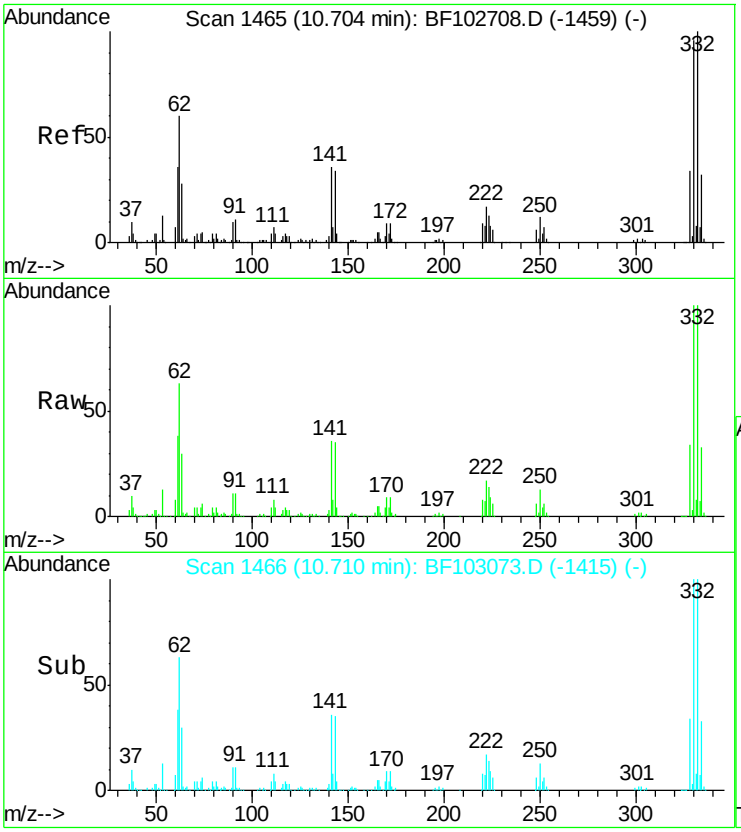


#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.92 min Scan# 1331
Delta R.T. -0.01 min
Lab File: BF103073.D
Acq: 19 Feb 2018 11:13

Tgt Ion:164 Resp: 336662

Ion	Ratio	Lower	Upper
164	100		
162	104.0	86.1	129.1
160	46.3	38.3	57.5



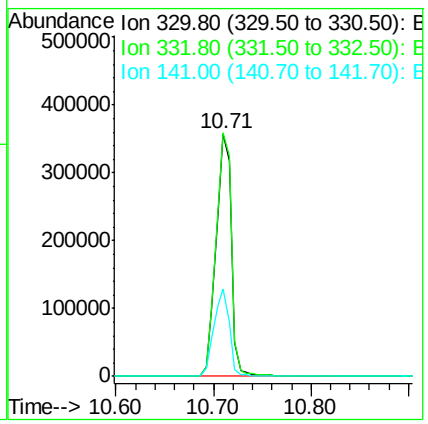


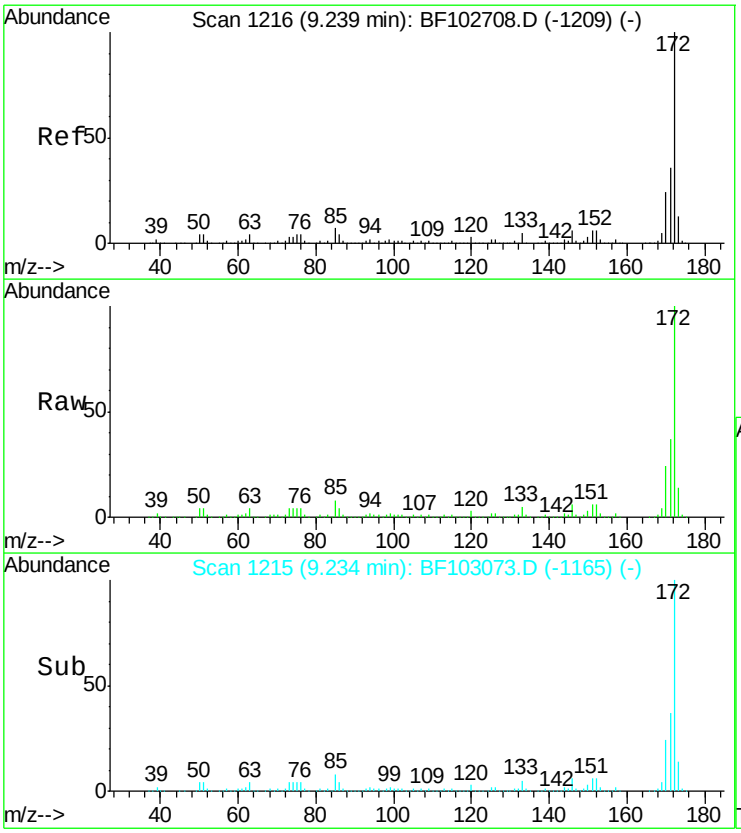
#41
2,4,6-Tribromophenol
Concen: 144.183 ng
RT: 10.71 min Scan# 1466
Delta R.T. 0.00 min
Lab File: BF103073.D
Acq: 19 Feb 2018 11:13

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:330 Resp: 390697

Ion	Ratio	Lower	Upper
330	100		
332	101.8	77.0	115.6
141	36.2	29.9	44.9

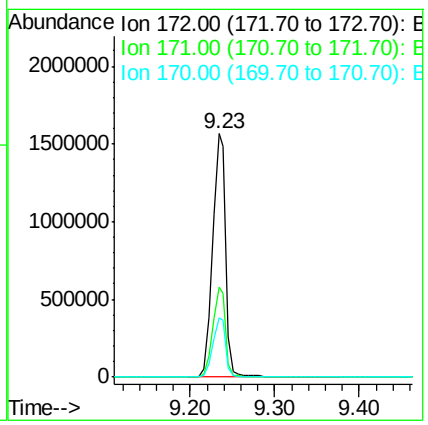


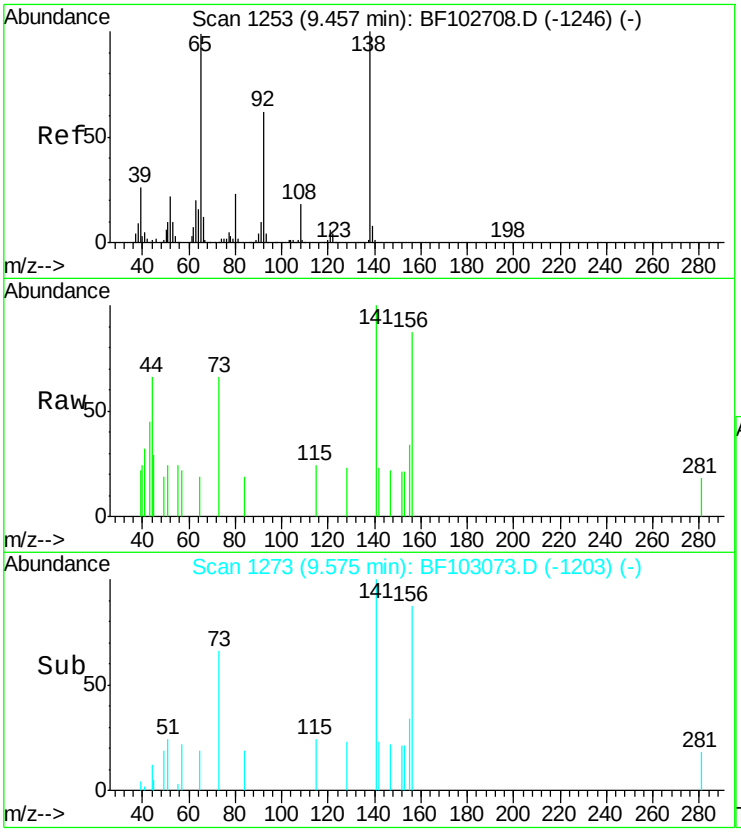


#44
2-Fluorobiphenyl
Concen: 85.885 ng
RT: 9.23 min Scan# 1215
Delta R.T. -0.01 min
Lab File: BF103073.D
Acq: 19 Feb 2018 11:13

Tgt Ion:172 Resp: 1742493

Ion	Ratio	Lower	Upper
172	100		
171	36.9	29.7	44.5
170	24.2	19.6	29.4



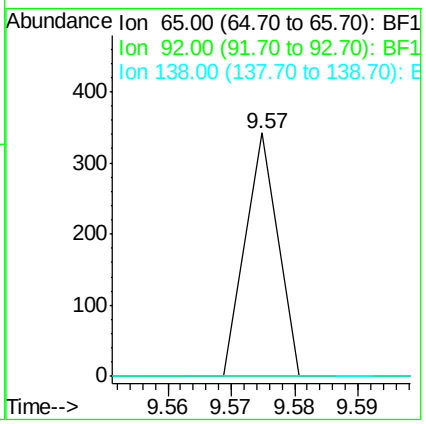


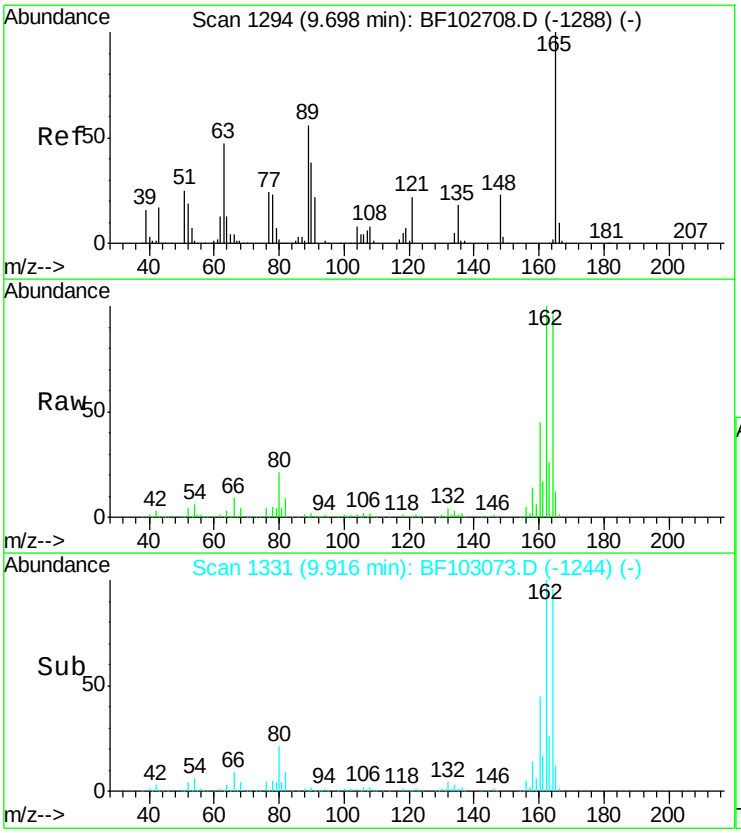
#47
2-Nitroaniline
Concen: 3.489 ng
RT: 9.57 min Scan# 1273
Delta R.T. 0.11 min
Lab File: BF103073.D
Acq: 19 Feb 2018 11:13

Instrument :
BNA_F
ClientSampleId :

Tgt Ion: 65 Resp: 121

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

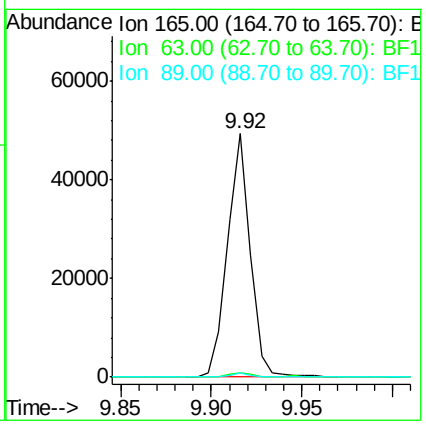


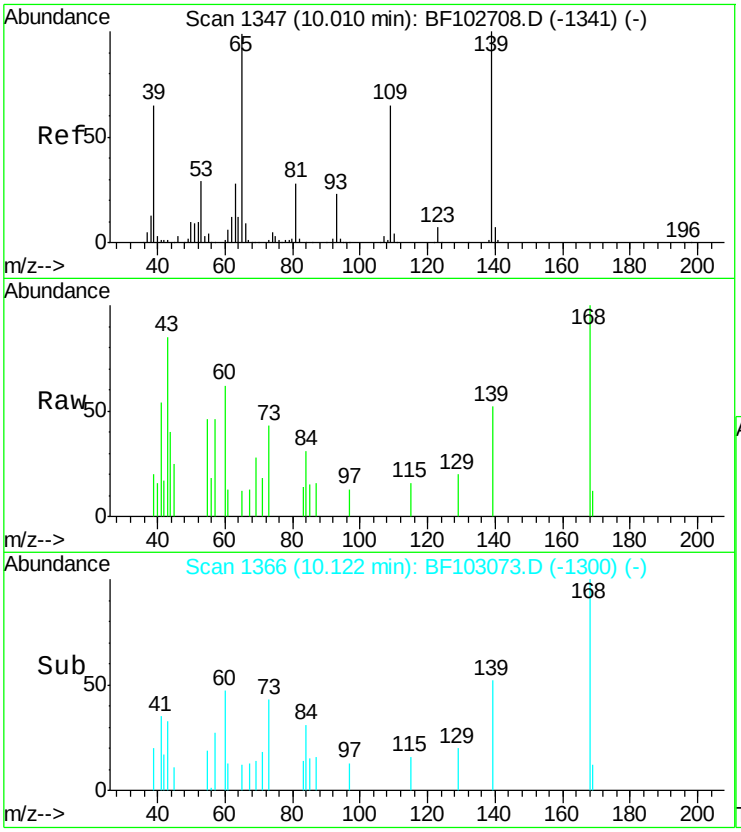


#50
2,6-Dinitrotoluene
Concen: 8.692 ng
RT: 9.92 min Scan# 1331
Delta R.T. 0.21 min
Lab File: BF103073.D
Acq: 19 Feb 2018 11:13

Tgt Ion:165 Resp: 43408

Ion	Ratio	Lower	Upper
165	100		
63	1.5	44.7	67.1#
89	1.5	44.0	66.0#



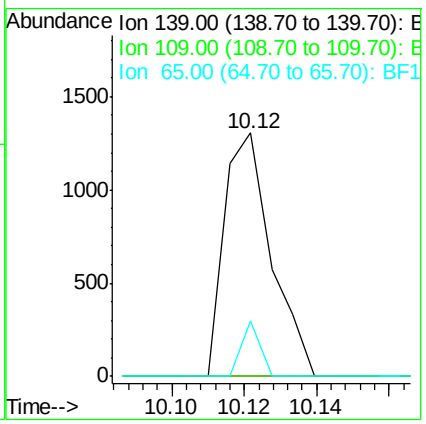


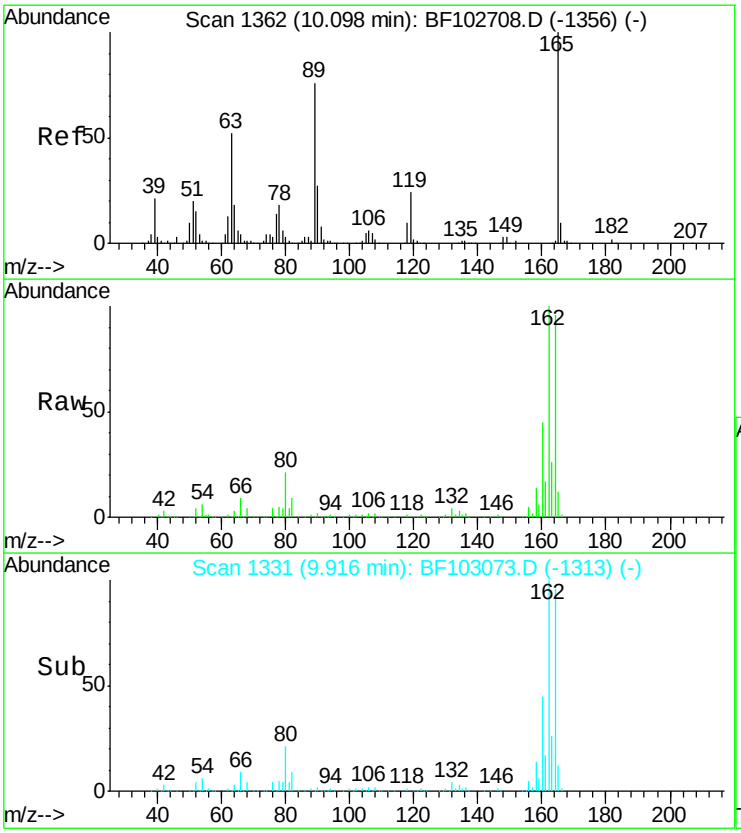
#55
4-Nitrophenol
Concen: 4.246 ng
RT: 10.12 min Scan# 1366
Delta R.T. 0.09 min
Lab File: BF103073.D
Acq: 19 Feb 2018 11:13

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:139 Resp: 1180

Ion	Ratio	Lower	Upper
139	100		
109	0.0	48.4	88.4#
65	23.0	72.6	112.6#

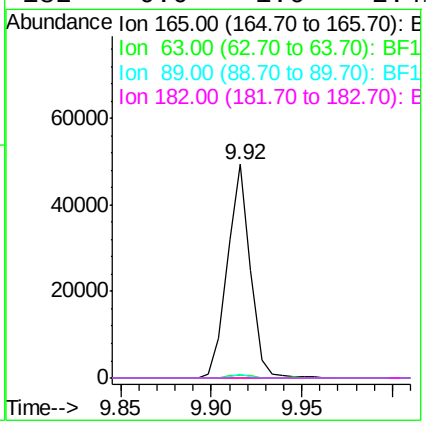


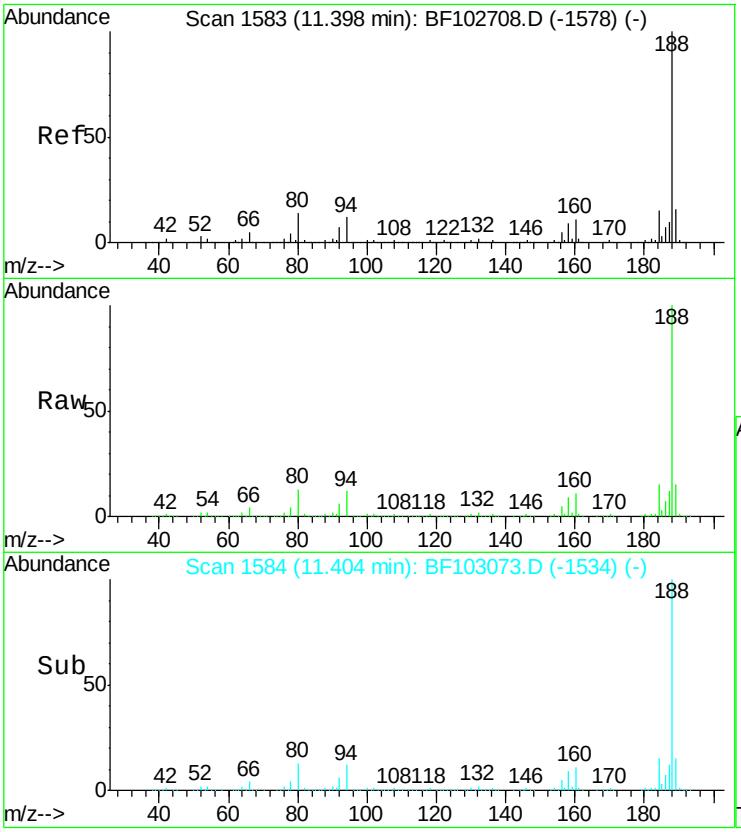


#56
2,4-Dinitrotoluene
Concen: 9.141 ng
RT: 9.92 min Scan# 1331
Delta R.T. -0.19 min
Lab File: BF103073.D
Acq: 19 Feb 2018 11:13

Tgt Ion:165 Resp: 43408

Ion	Ratio	Lower	Upper
165	100		
63	1.5	36.4	54.6#
89	1.5	57.8	86.6#
182	0.0	1.6	2.4#



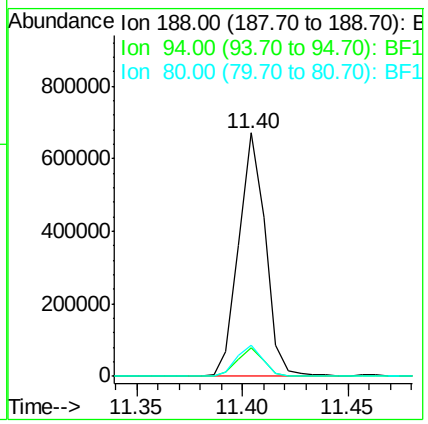


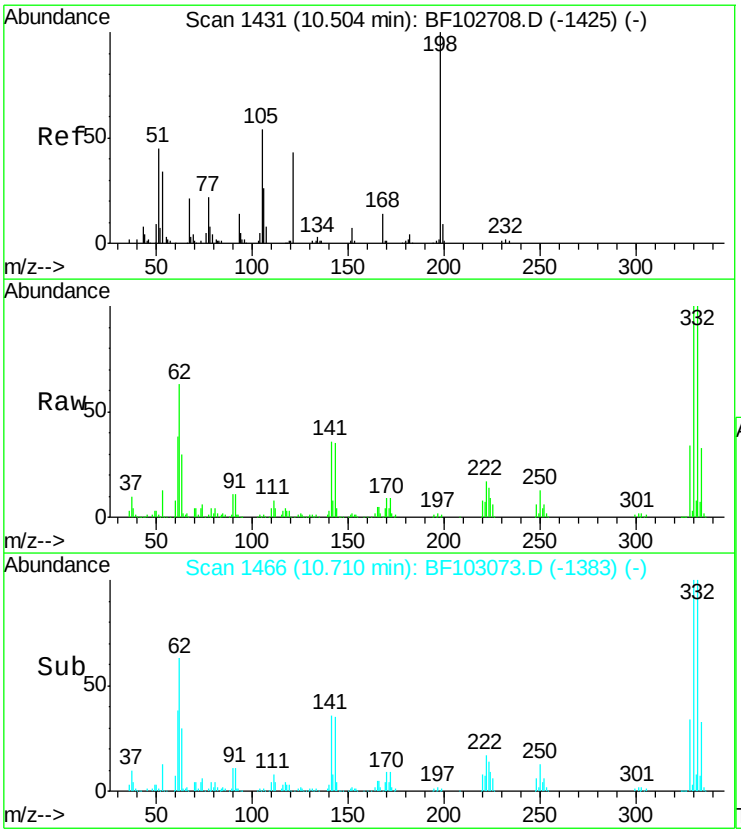
#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.40 min Scan# 1584
Delta R.T. -0.01 min
Lab File: BF103073.D
Acq: 19 Feb 2018 11:13

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:188 Resp: 587139

Ion	Ratio	Lower	Upper
188	100		
94	11.8	8.5	12.7
80	13.0	9.2	13.8

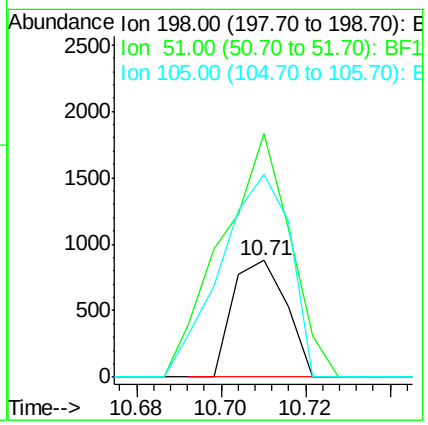


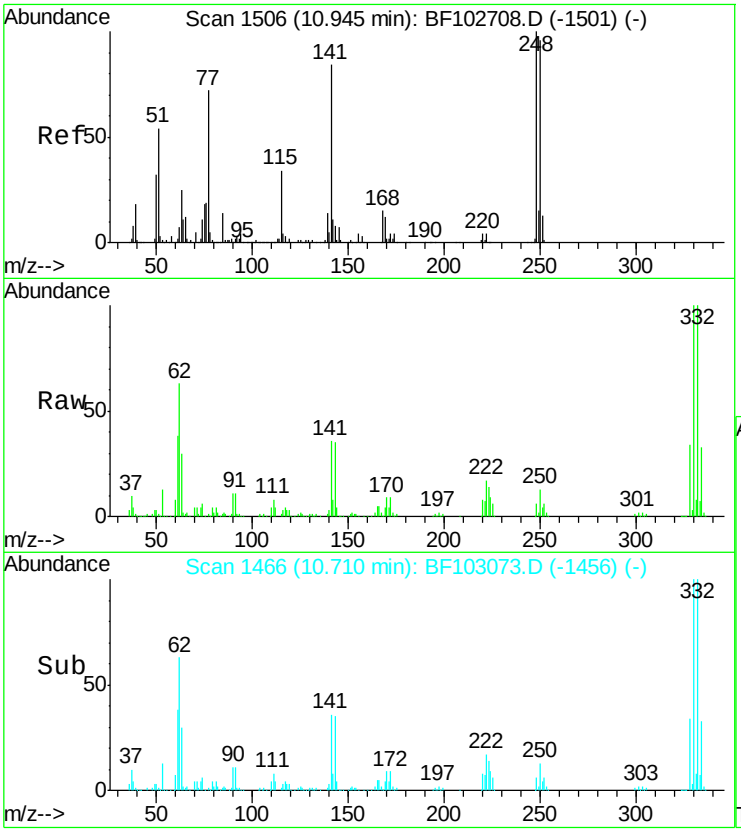


#64
4,6-Dinitro-2-methylphenol
Concen: 9.084 ng
RT: 10.71 min Scan# 1466
Delta R.T. 0.19 min
Lab File: BF103073.D
Acq: 19 Feb 2018 11:13

Tgt Ion:198 Resp: 771

Ion	Ratio	Lower	Upper
198	100		
51	208.4	37.7	77.7#
105	173.6	36.3	76.3#



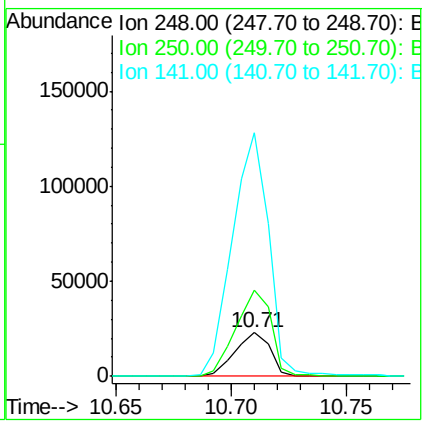


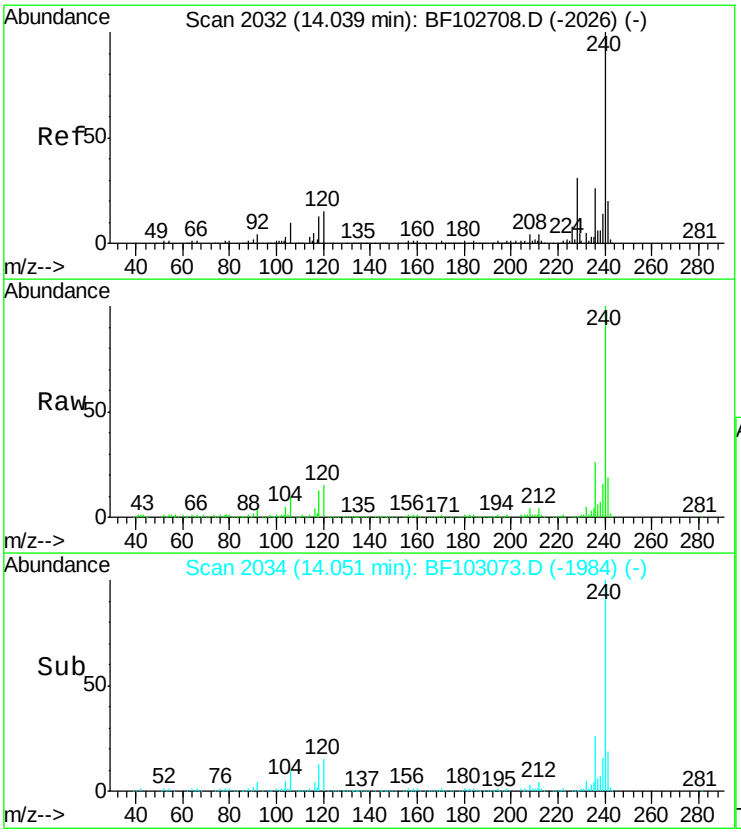
#66
4-Bromophenyl-phenylether
Concen: 3.966 ng
RT: 10.71 min Scan# 1466
Delta R.T. -0.24 min
Lab File: BF103073.D
Acq: 19 Feb 2018 11:13

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:248 Resp: 24631

Ion	Ratio	Lower	Upper
248	100		
250	197.4	76.9	115.3#
141	557.3	74.4	111.6#

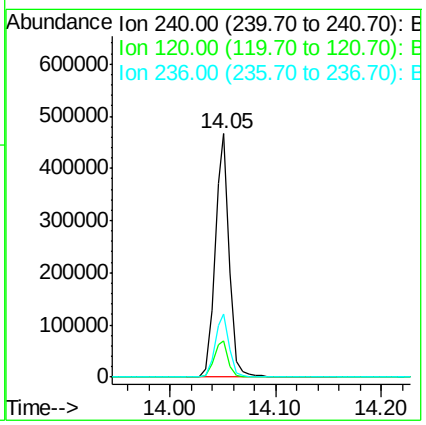


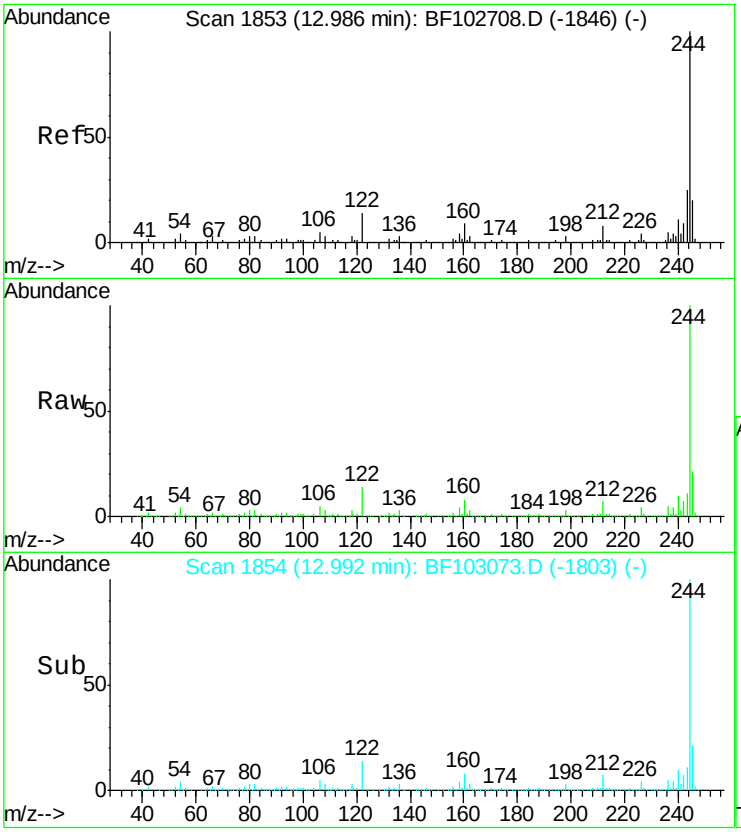


#75
Chrysene-d12
Concen: 20.000 ng
RT: 14.05 min Scan# 2034
Delta R.T. -0.01 min
Lab File: BF103073.D
Acq: 19 Feb 2018 11:13

Tgt Ion:240 Resp: 439503

Ion	Ratio	Lower	Upper
240	100		
120	14.9	9.5	14.3#
236	26.1	20.7	31.1



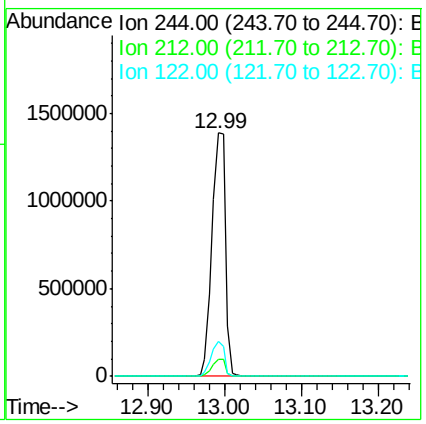


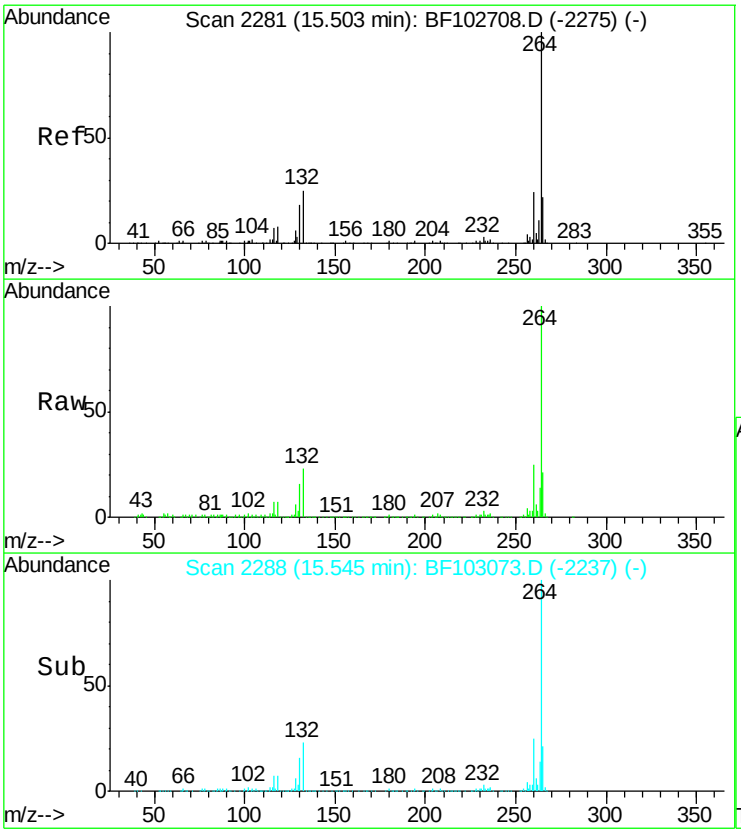
#78
Terphenyl-d14
Concen: 89.395 ng
RT: 12.99 min Scan# 1854
Delta R.T. 0.00 min
Lab File: BF103073.D
Acq: 19 Feb 2018 11:13

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:244 Resp: 1659338

Ion	Ratio	Lower	Upper
244	100		
212	6.8	5.4	8.0
122	14.4	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: BF103073.D
Acq: 19 Feb 2018 11:13

Tgt Ion:264 Resp: 346273

Ion	Ratio	Lower	Upper
264	100		
260	24.7	19.2	28.8
265	20.8	17.5	26.3