Quantitation Report (Not Reviewed)

Data Path : \\74.0.250.170\SVOASRV\HPCHEM1\BNA F\DATA\BF030718\
Data File : BF103497.D
Acq On : 7 Mar 2018 13:35
Operator : SJ/JU
Sample : PB107108BL
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId :

Quant Time: Mar 07 14:40:05 2018
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF022218.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Mar 07 11:40:36 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.86	152	125947	20.00	ng	0.00
21) Naphthalene-d8	8.15	136	587906	20.00	ng	0.00
38) Acenaphthene-d10	9.91	164	248852	20.00	ng	0.00
63) Phenanthrene-d10	11.40	188	390015	20.00	ng	0.00
75) Chrysene-d12	14.06	240	209175	20.00	ng	0.00
86) Perylene-d12	15.57	264	182703	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.50	112	1024690	123.05	ng	0.01
7) Phenol-d6	6.50	99	1305194	128.09	ng	0.00
23) Nitrobenzene-d5	7.43	82	834550	81.07	ng	0.00
41) 2,4,6-Tribromophenol	10.70	330	181464	86.15	ng	0.00
44) 2-Fluorobiphenyl	9.22	172	1285825	90.32	ng	0.00
78) Terphenyl-d14	12.99	244	869198	99.89	ng	0.00
Target Compounds						Qvalue
9) Benzaldehyde	6.50	77	1753	Below Cal	#	1
19) n-Nitroso-di-n-propylamine	7.43	70	110143	17.368	ng	# 82
25) Isophorone	7.43	82	834546	41.161	ng	# 64
50) 2,6-Dinitrotoluene	9.90	165	30944	7.386	ng	# 26
56) 2,4-Dinitrotoluene	9.90	165	30944	5.840	ng	# 24
64) 4,6-Dinitro-2-methylphenol	10.70	198	322	5.067	ng	# 1
66) 4-Bromophenyl-phenylether	10.70	248	12303	3.028	ng	# 1

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

Quantitation Report (Not Reviewed)

Data Path : \\74.0.250.170\SVOASRV\HPCHEM1\BNA F\DATA\BF030718\
Data File : BF103497.D
Acq On : 7 Mar 2018 13:35
Operator : SJ/JU
Sample : PB107108BL
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
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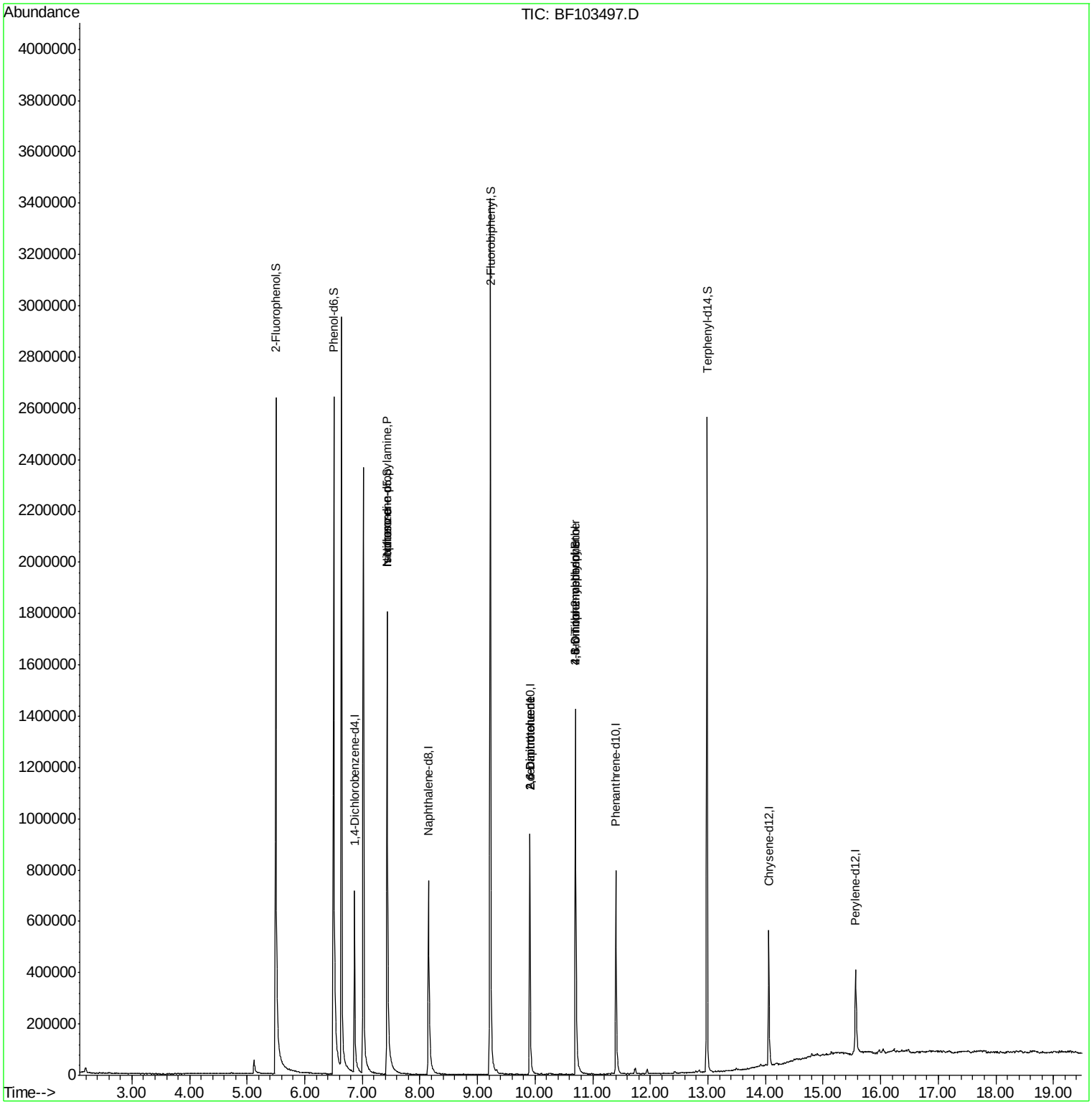
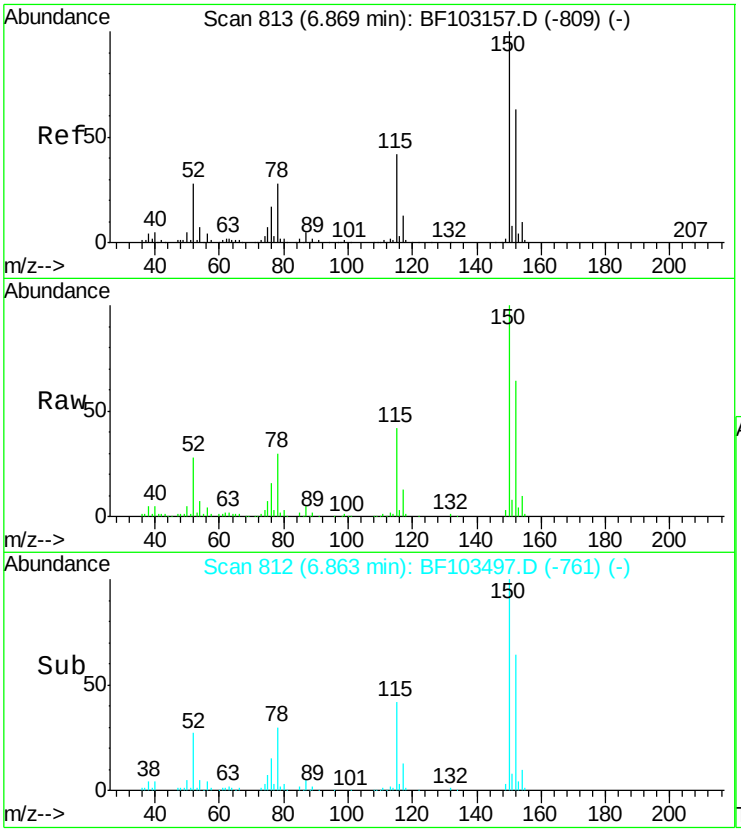
ClientSampleId :

Quant Time: Mar 07 14:40:05 2018
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF022218.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Mar 07 11:40:36 2018
Response via : Initial Calibration



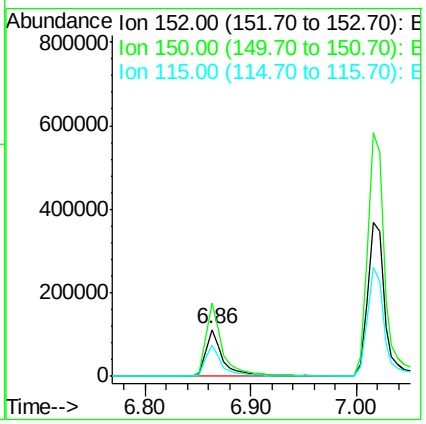


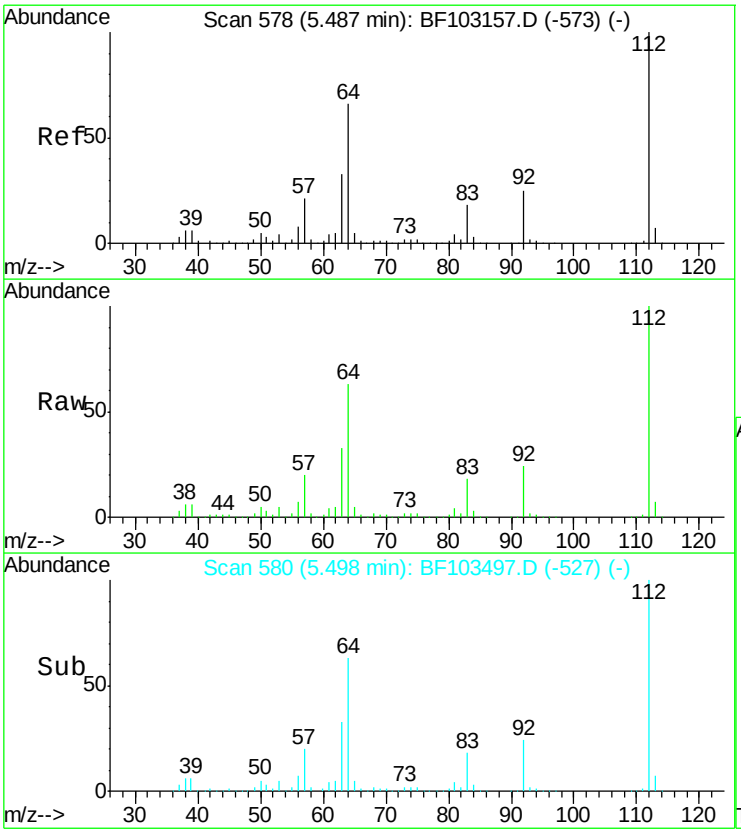
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.86 min Scan# 812
Delta R.T. 0.00 min
Lab File: BF103497.D
Acq: 7 Mar 2018 13:35

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:152 Resp: 125947

Ion	Ratio	Lower	Upper
152	100		
150	157.1	124.6	186.8
115	65.3	50.1	75.1

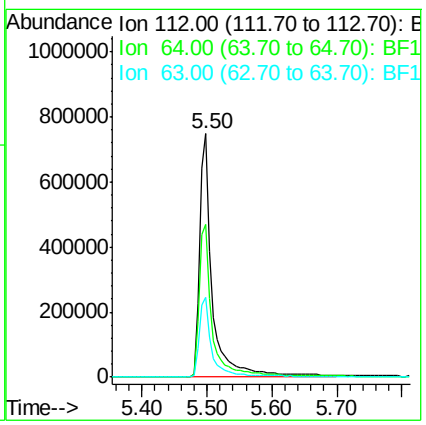


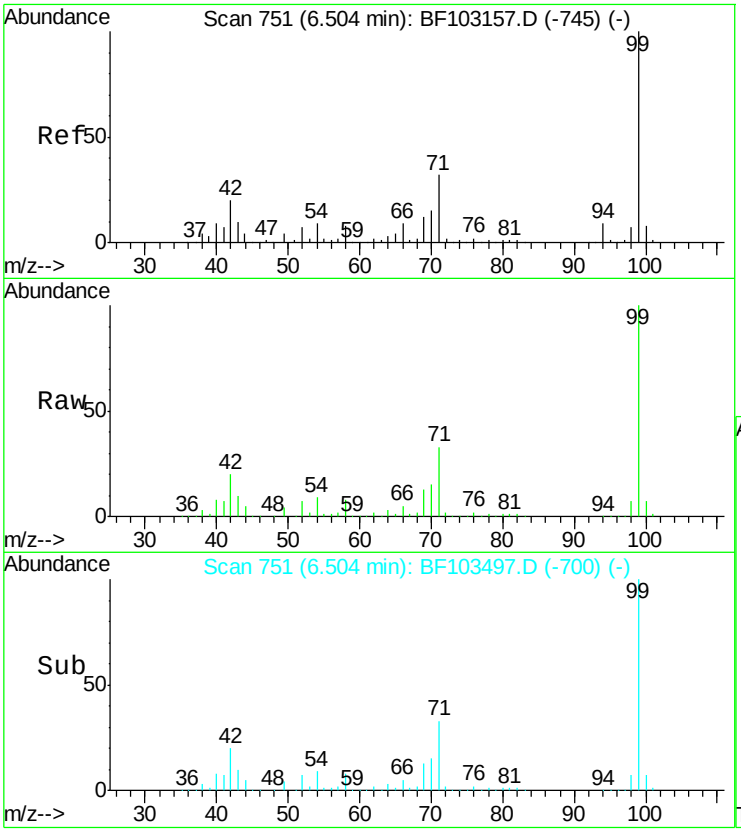


#5
2-Fluorophenol
Concen: 123.049 ng
RT: 5.50 min Scan# 580
Delta R.T. 0.01 min
Lab File: BF103497.D
Acq: 7 Mar 2018 13:35

Tgt Ion:112 Resp: 1024690

Ion	Ratio	Lower	Upper
112	100		
64	62.7	47.9	71.9
63	32.5	23.7	35.5



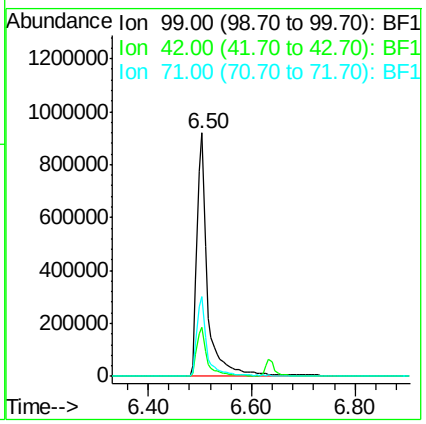


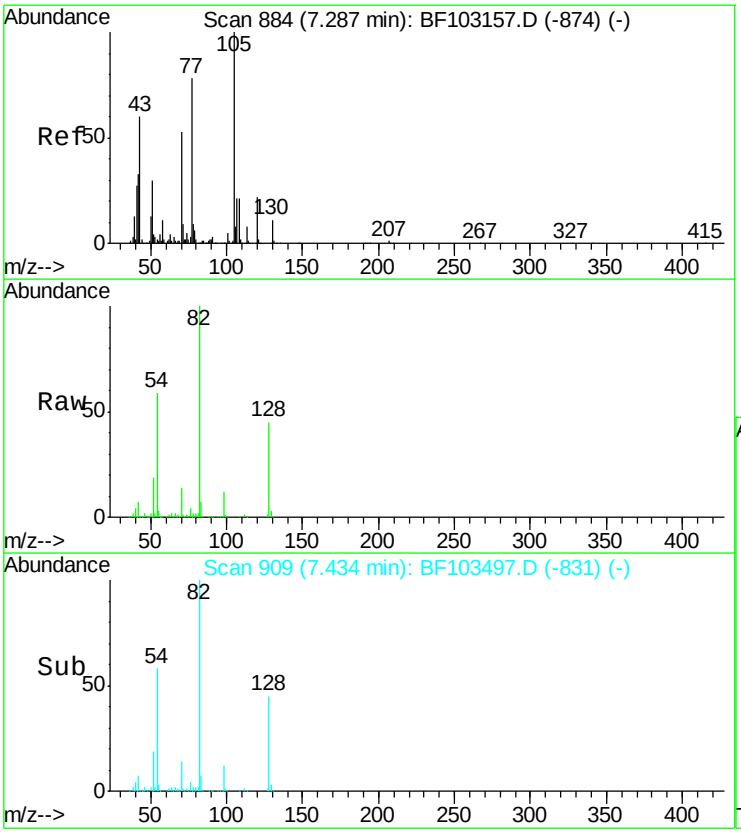
#7
Phenol-d6
Concen: 128.087 ng
RT: 6.50 min Scan# 751
Delta R.T. 0.00 min
Lab File: BF103497.D
Acq: 7 Mar 2018 13:35

Instrument :
BNA_F
ClientSampleId :

Tgt Ion: 99 Resp: 1305194

Ion	Ratio	Lower	Upper
99	100		
42	20.2	14.5	21.7
71	32.7	25.4	38.0

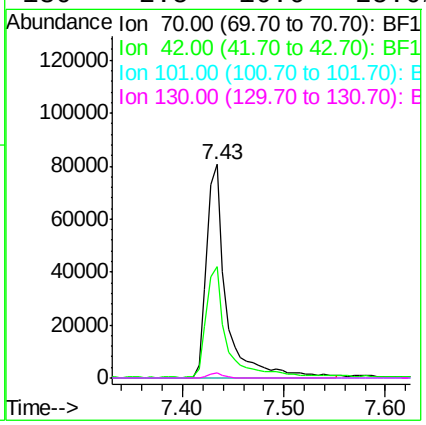


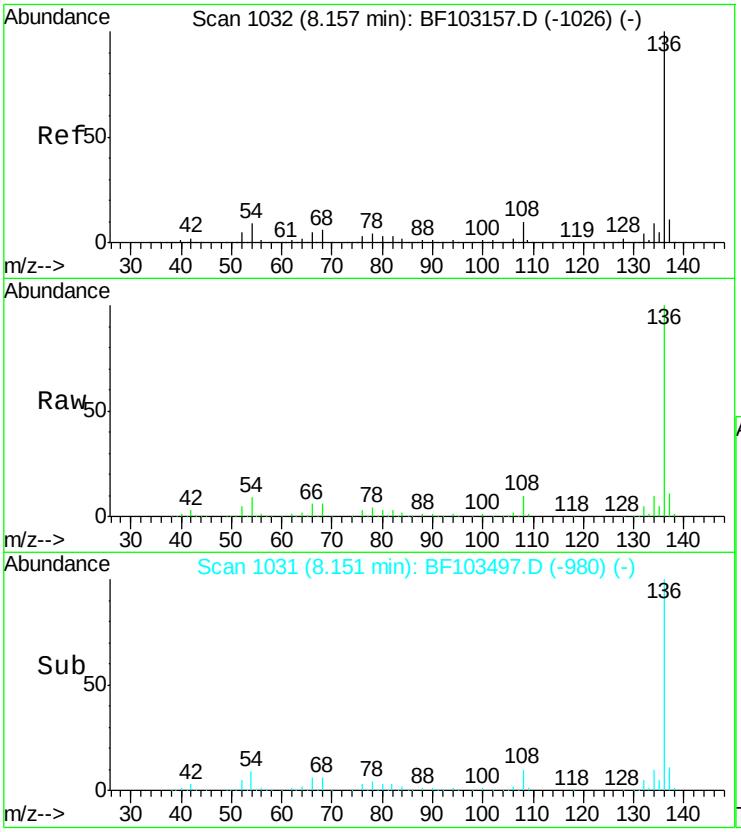


#19
n-Nitroso-di-n-propylamine
Concen: 17.368 ng
RT: 7.43 min Scan# 909
Delta R.T. 0.16 min
Lab File: BF103497.D
Acq: 7 Mar 2018 13:35

Tgt Ion: 70 Resp: 110143

Ion	Ratio	Lower	Upper
70	100		
42	51.9	47.5	71.3
101	0.0	7.4	11.2#
130	2.5	16.6	25.0#



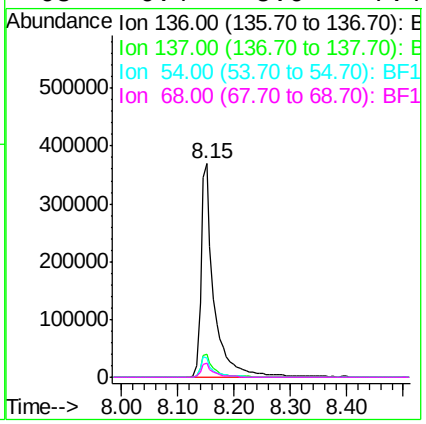


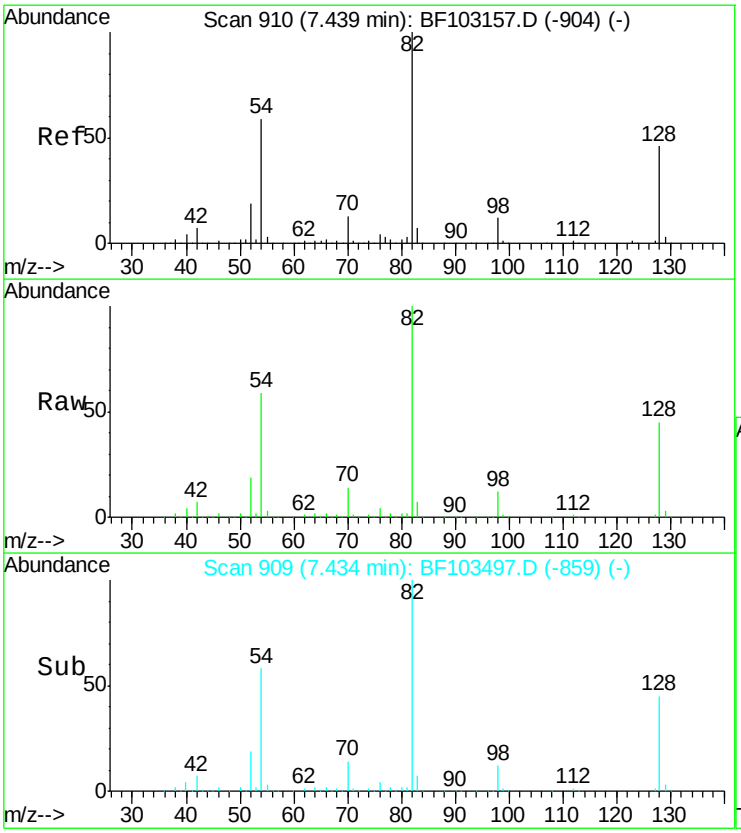
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.15 min Scan# 1031
Delta R.T. 0.00 min
Lab File: BF103497.D
Acq: 7 Mar 2018 13:35

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:136 Resp: 587906

Ion	Ratio	Lower	Upper
136	100		
137	10.8	8.9	13.3
54	9.2	6.6	9.8
68	6.4	5.0	7.4

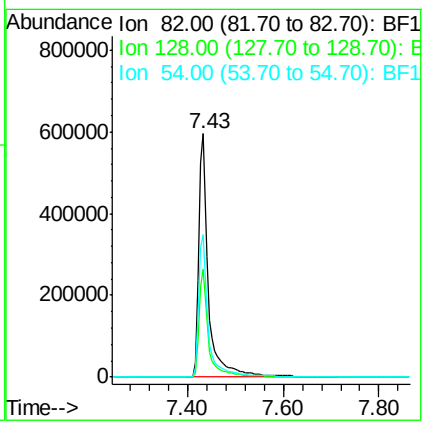


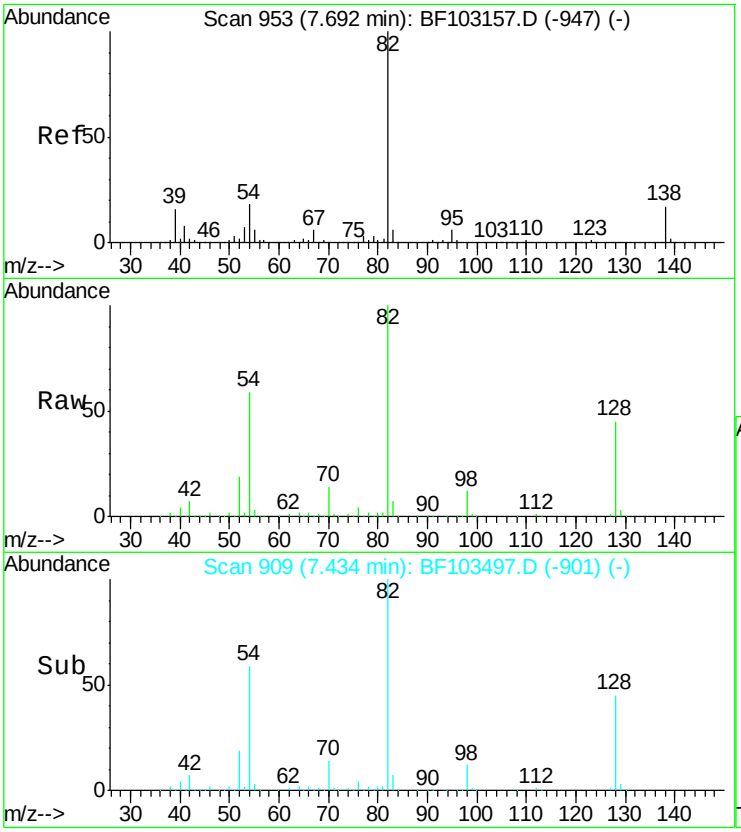


#23
Nitrobenzene-d5
Concen: 81.067 ng
RT: 7.43 min Scan# 909
Delta R.T. -0.01 min
Lab File: BF103497.D
Acq: 7 Mar 2018 13:35

Tgt Ion: 82 Resp: 834550

Ion	Ratio	Lower	Upper
82	100		
128	44.6	36.1	54.1
54	58.5	41.4	62.2



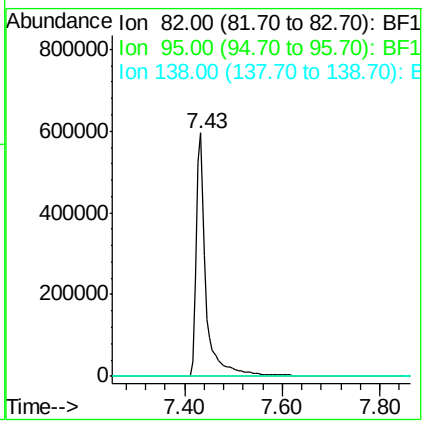


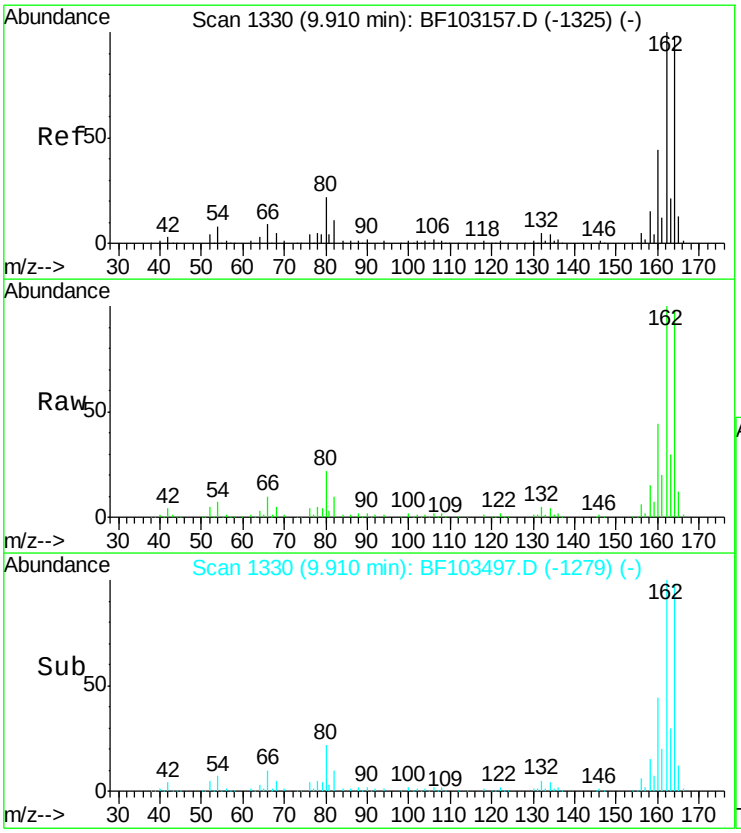
#25
Isophorone
Concen: 41.161 ng
RT: 7.43 min Scan# 909
Delta R.T. -0.25 min
Lab File: BF103497.D
Acq: 7 Mar 2018 13:35

Instrument :
BNA_F
ClientSampleId :

Tgt Ion: 82 Resp: 834546

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

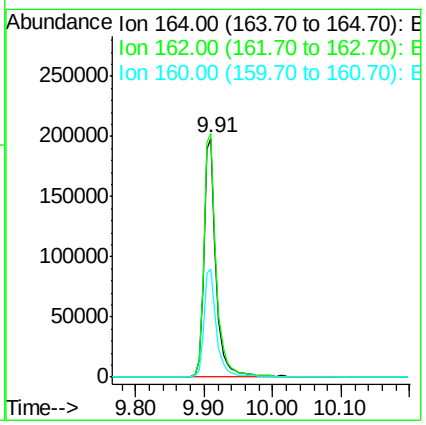


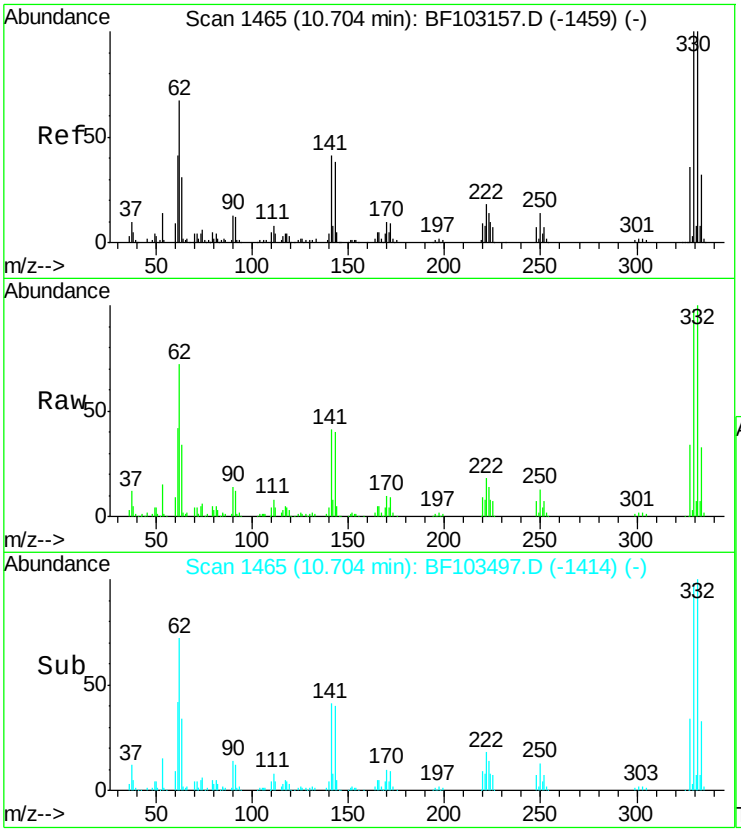


#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.91 min Scan# 1330
Delta R.T. 0.00 min
Lab File: BF103497.D
Acq: 7 Mar 2018 13:35

Tgt Ion:164 Resp: 248852

Ion	Ratio	Lower	Upper
164	100		
162	102.1	86.1	129.1
160	45.2	38.3	57.5



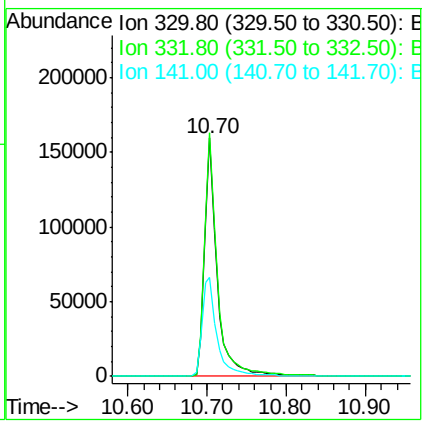


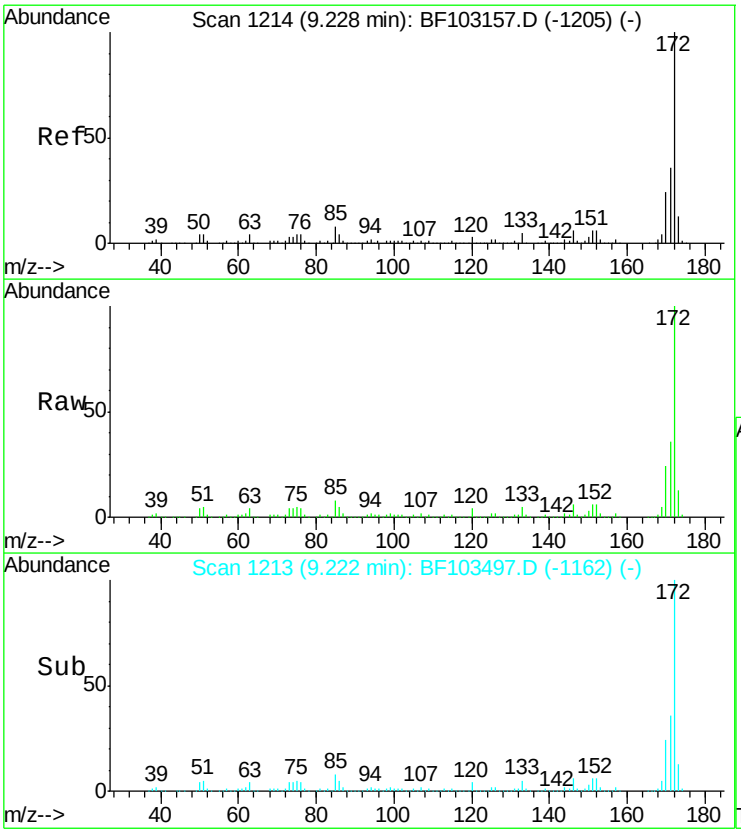
#41
2,4,6-Tribromophenol
Concen: 86.149 ng
RT: 10.70 min Scan# 1465
Delta R.T. 0.00 min
Lab File: BF103497.D
Acq: 7 Mar 2018 13:35

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:330 Resp: 181464

Ion	Ratio	Lower	Upper
330	100		
332	103.7	77.0	115.6
141	48.0	29.9	44.9#

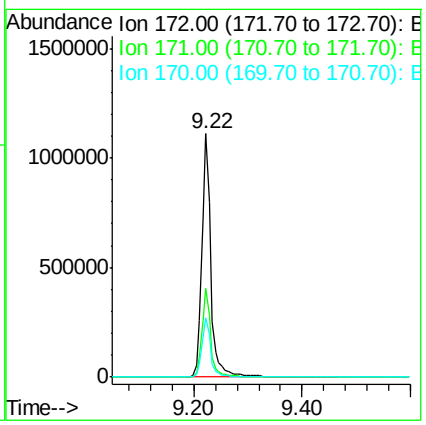


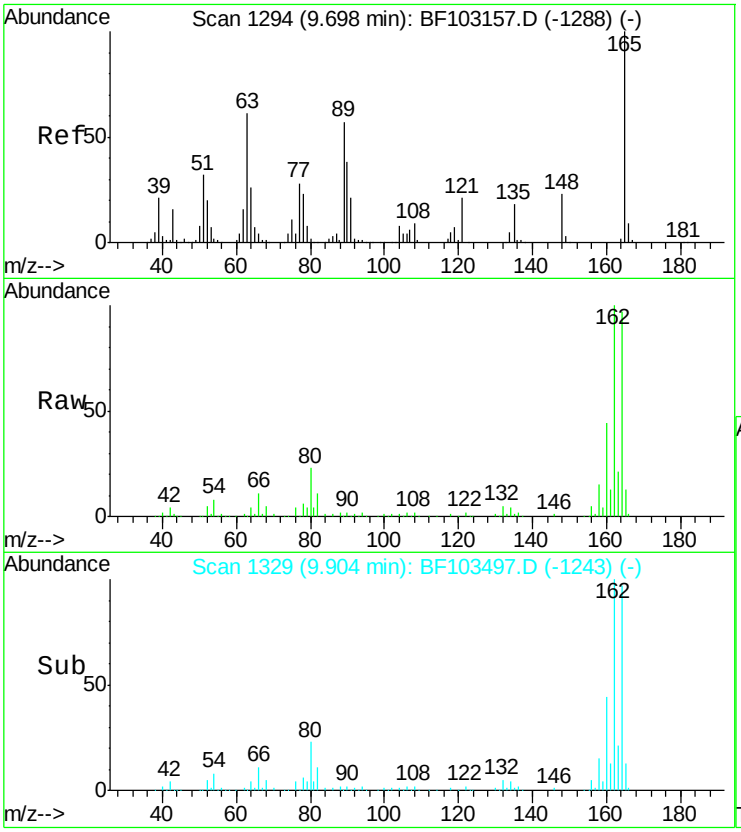


#44
2-Fluorobiphenyl
Concen: 90.324 ng
RT: 9.22 min Scan# 1213
Delta R.T. 0.00 min
Lab File: BF103497.D
Acq: 7 Mar 2018 13:35

Tgt Ion:172 Resp: 1285825

Ion	Ratio	Lower	Upper
172	100		
171	36.3	29.7	44.5
170	24.2	19.6	29.4



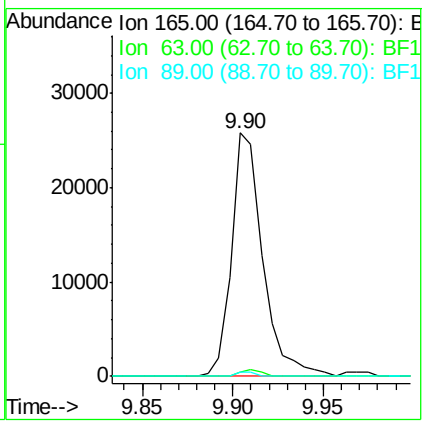


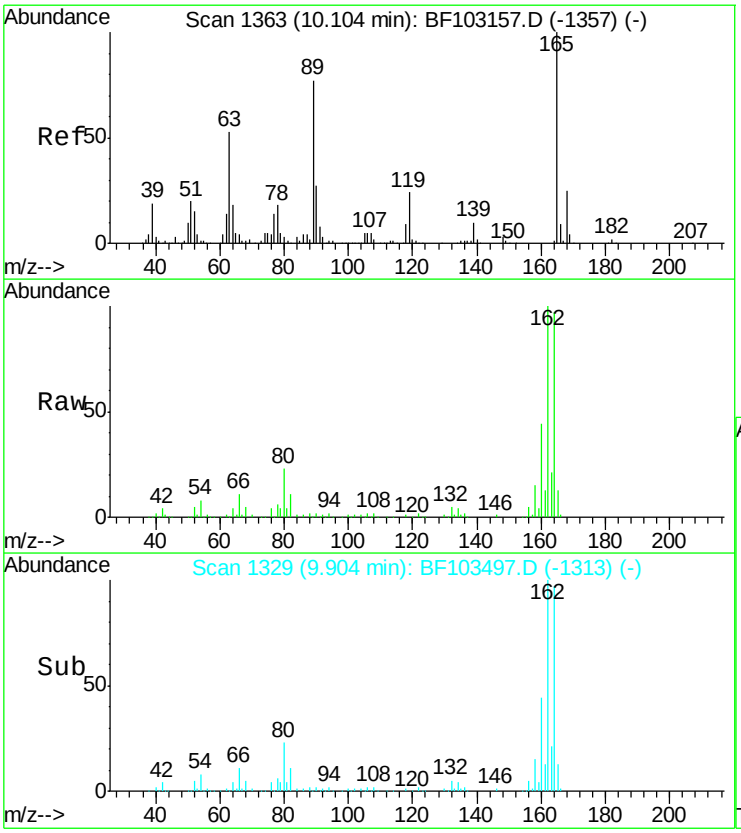
#50
2,6-Dinitrotoluene
Concen: 7.386 ng
RT: 9.90 min Scan# 1329
Delta R.T. 0.21 min
Lab File: BF103497.D
Acq: 7 Mar 2018 13:35

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:165 Resp: 30944

Ion	Ratio	Lower	Upper
165	100		
63	1.6	44.7	67.1#
89	1.7	44.0	66.0#

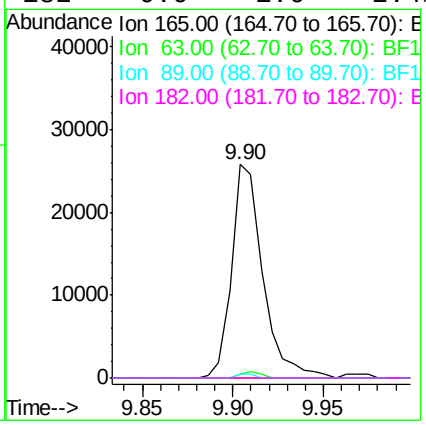


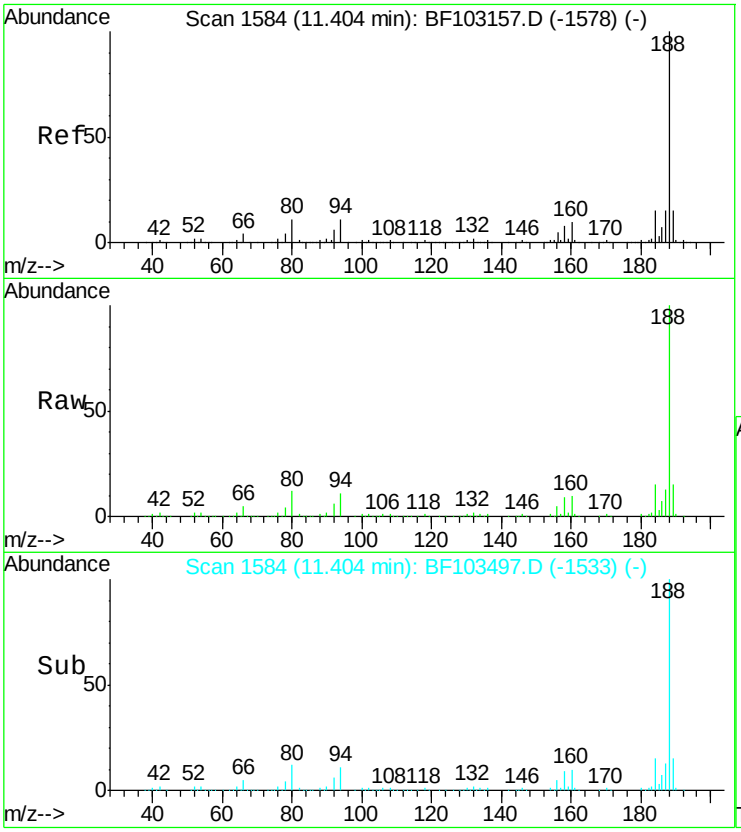


#56
2,4-Dinitrotoluene
Concen: 5.840 ng
RT: 9.90 min Scan# 1329
Delta R.T. -0.21 min
Lab File: BF103497.D
Acq: 7 Mar 2018 13:35

Tgt Ion:165 Resp: 30944

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#



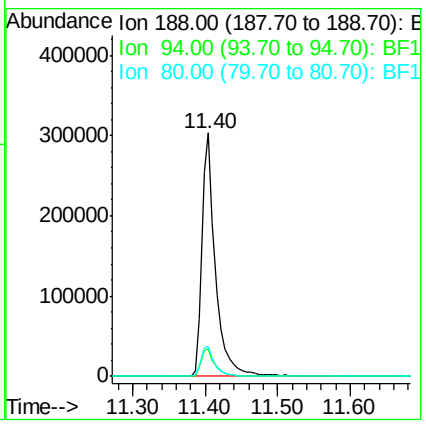


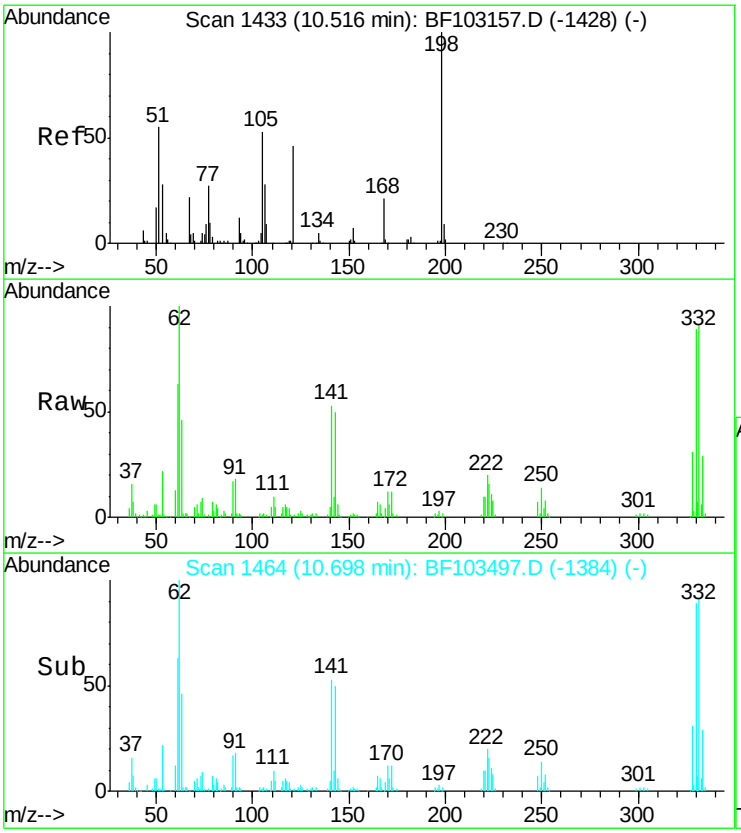
#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.40 min Scan# 1584
Delta R.T. 0.00 min
Lab File: BF103497.D
Acq: 7 Mar 2018 13:35

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:188 Resp: 390015

Ion	Ratio	Lower	Upper
188	100		
94	11.1	8.5	12.7
80	12.5	9.2	13.8

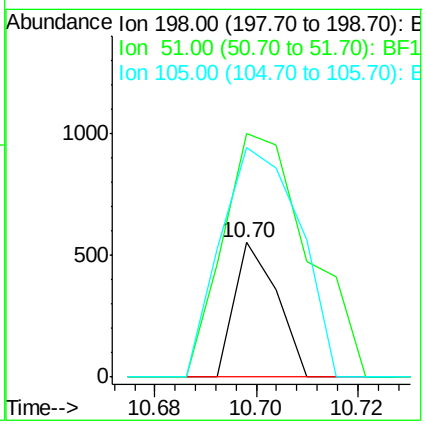


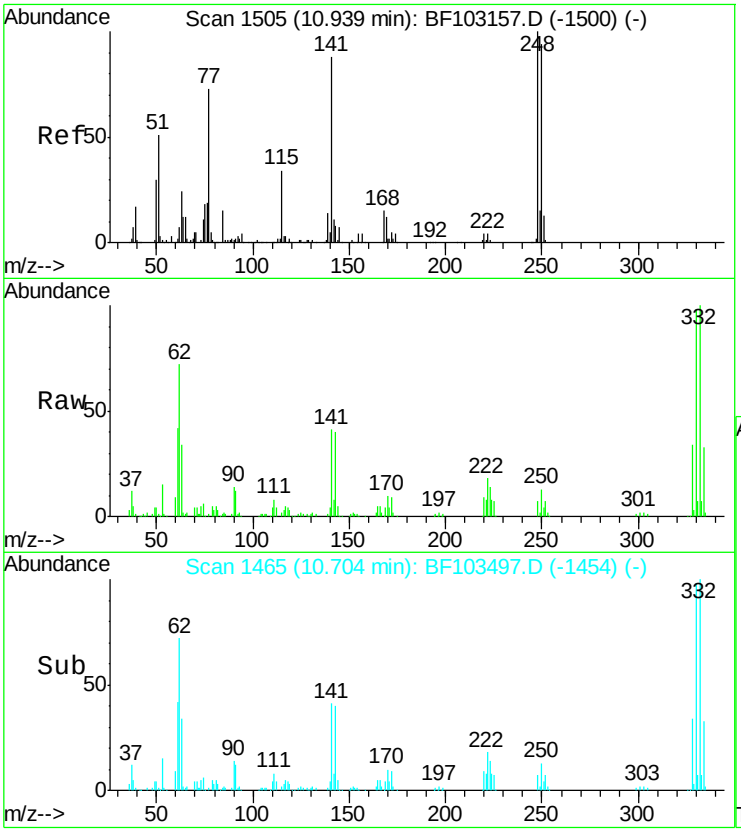


#64
4,6-Dinitro-2-methylphenol
Concen: 5.067 ng
RT: 10.70 min Scan# 1464
Delta R.T. 0.17 min
Lab File: BF103497.D
Acq: 7 Mar 2018 13:35

Tgt Ion:198 Resp: 322

Ion	Ratio	Lower	Upper
198	100		
51	181.3	37.7	77.7#
105	170.8	36.3	76.3#



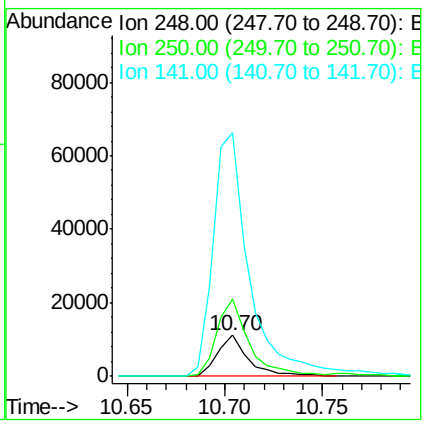


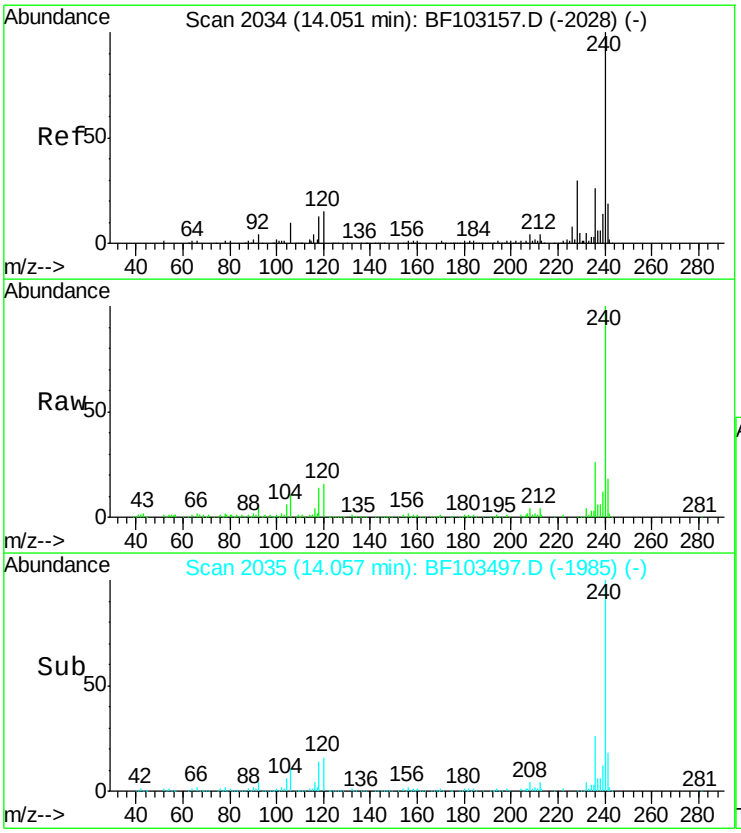
#66
4-Bromophenyl-phenylether
Concen: 3.028 ng
RT: 10.70 min Scan# 1465
Delta R.T. -0.24 min
Lab File: BF103497.D
Acq: 7 Mar 2018 13:35

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:248 Resp: 12303

Ion	Ratio	Lower	Upper
248	100		
250	187.6	76.9	115.3#
141	596.2	74.4	111.6#

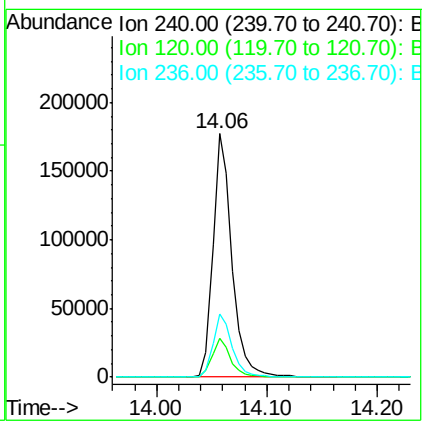


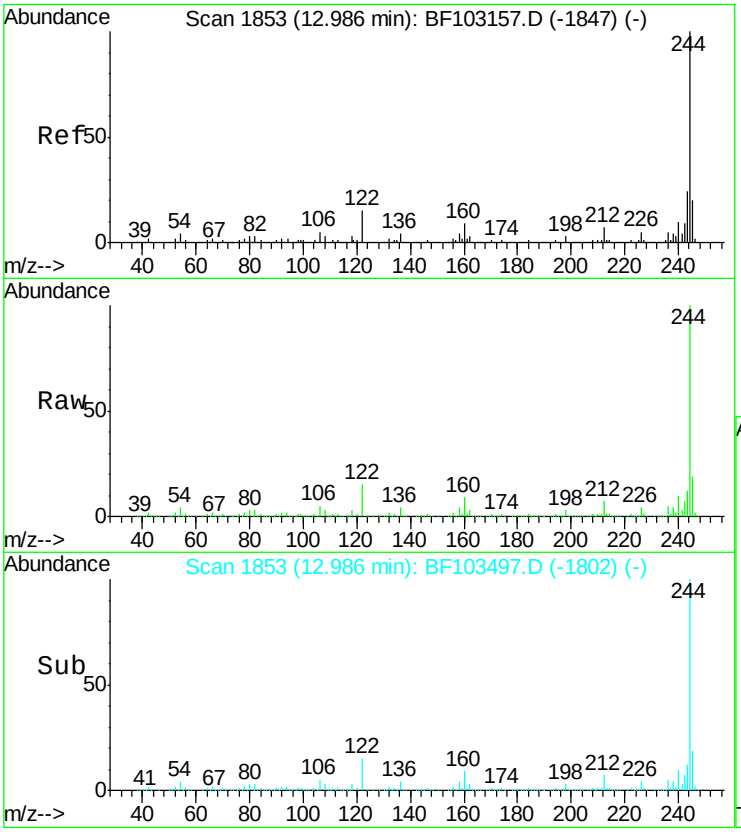


#75
Chrysene-d12
Concen: 20.000 ng
RT: 14.06 min Scan# 2035
Delta R.T. -0.01 min
Lab File: BF103497.D
Acq: 7 Mar 2018 13:35

Tgt Ion:240 Resp: 209175

Ion	Ratio	Lower	Upper
240	100		
120	16.1	9.5	14.3#
236	26.1	20.7	31.1



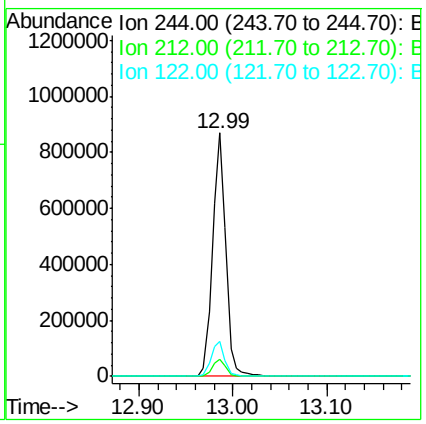


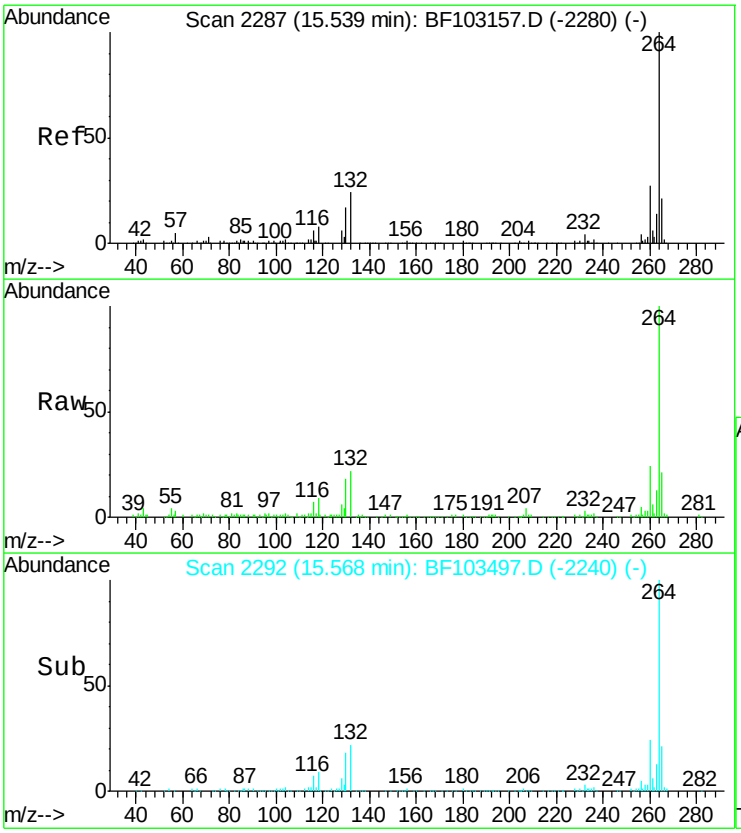
#78
Terphenyl-d14
Concen: 99.889 ng
RT: 12.99 min Scan# 1853
Delta R.T. 0.00 min
Lab File: BF103497.D
Acq: 7 Mar 2018 13:35

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:244 Resp: 869198

Ion	Ratio	Lower	Upper
244	100		
212	6.9	5.4	8.0
122	14.5	11.0	16.4





#86
Perylene-d12
Concen: 20.000 ng
RT: 15.57 min Scan# 2292
Delta R.T. 0.01 min
Lab File: BF103497.D
Acq: 7 Mar 2018 13:35

Tgt Ion:264 Resp: 182703

Ion	Ratio	Lower	Upper
264	100		
260	24.3	19.2	28.8
265	21.1	17.5	26.3