Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF040918\
Data File : BF104387.D
Acq On : 9 Apr 2018 22:47
Operator : JU/SJ
Sample : J2278-04 100X
Misc :
ALS Vial : 28 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId :

Quant Time: Apr 10 01:19:46 2018
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF040618.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Apr 06 16:44:53 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.80	152	128136	20.00	ng	0.00
21) Naphthalene-d8	8.09	136	474831	20.00	ng	0.00
38) Acenaphthene-d10	9.85	164	171867	20.00	ng	0.00
63) Phenanthrene-d10	11.34	188	254258	20.00	ng	0.01
75) Chrysene-d12	13.98	240	256456	20.00	ng	0.00
86) Perylene-d12	15.44	264	194349	20.00	ng	0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.40	112	5833	0.70	ng	0.00
7) Phenol-d6	6.42	99	6928	0.67	ng	-0.01
23) Nitrobenzene-d5	7.36	82	8042	1.11	ng	0.00
41) 2,4,6-Tribromophenol	10.64	330	882	0.49	ng	0.00
44) 2-Fluorobiphenyl	9.17	172	9577	0.88	ng	0.00
78) Terphenyl-d14	12.92	244	7060	0.63	ng	0.00
Target Compounds						Qvalue
9) Benzaldehyde	6.36	77	313	Below Cal	#	1
25) Isophorone	7.62	82	34566	2.248	ng	# 1
31) Naphthalene	8.11	128	53560	2.265	ng	# 93
37) 2-Methylnaphthalene	8.80	142	68230	4.461	ng	99
45) 1,1'-Biphenyl	9.27	154	33740	2.337	ng	99
50) 2,6-Dinitrotoluene	9.62	165	19634	7.829	ng	# 36
53) 2,4-Dinitrophenol	9.92	184	126	5.309	ng	# 1
64) 4,6-Dinitro-2-methylphenol	10.42	198	1285	8.226	ng	# 1
73) Di-n-butylphthalate	11.90	149	37909	2.206	ng	# 86
76) Benzidine	12.67	184	682	Below Cal	#	1
83) Bis(2-ethylhexyl)phthalate	13.96	149	146925	12.755	ng	100

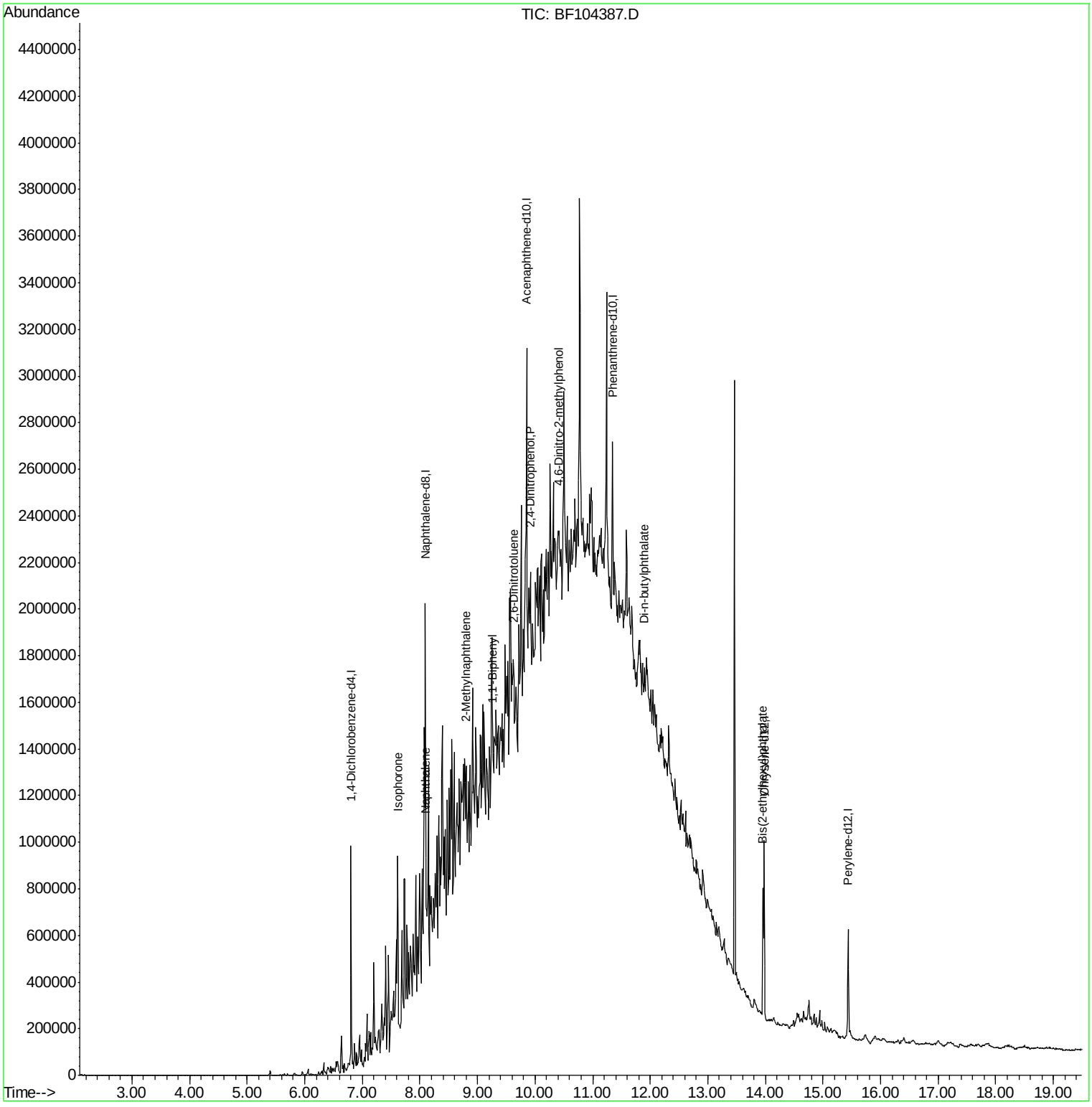
(#) = qualifier out of range (m) = manual integration (+) = signals summed

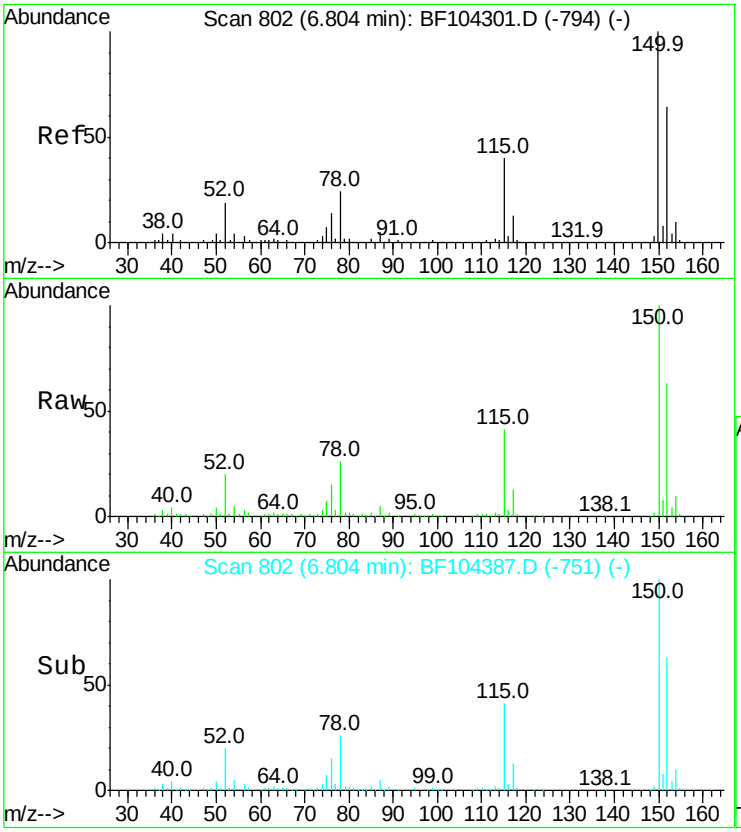
Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF040918\
Data File : BF104387.D
Acq On : 9 Apr 2018 22:47
Operator : JU/SJ
Sample : J2278-04 100X
Misc :
ALS Vial : 28 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :

Quant Time: Apr 10 01:19:46 2018
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF040618.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Apr 06 16:44:53 2018
Response via : Initial Calibration



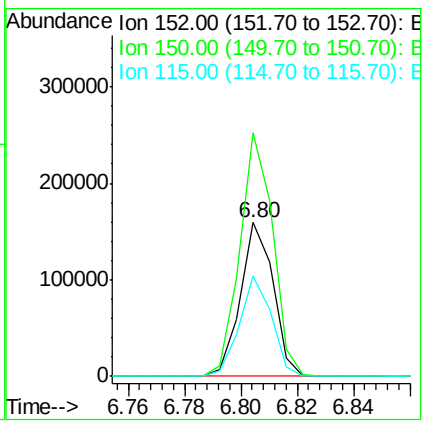


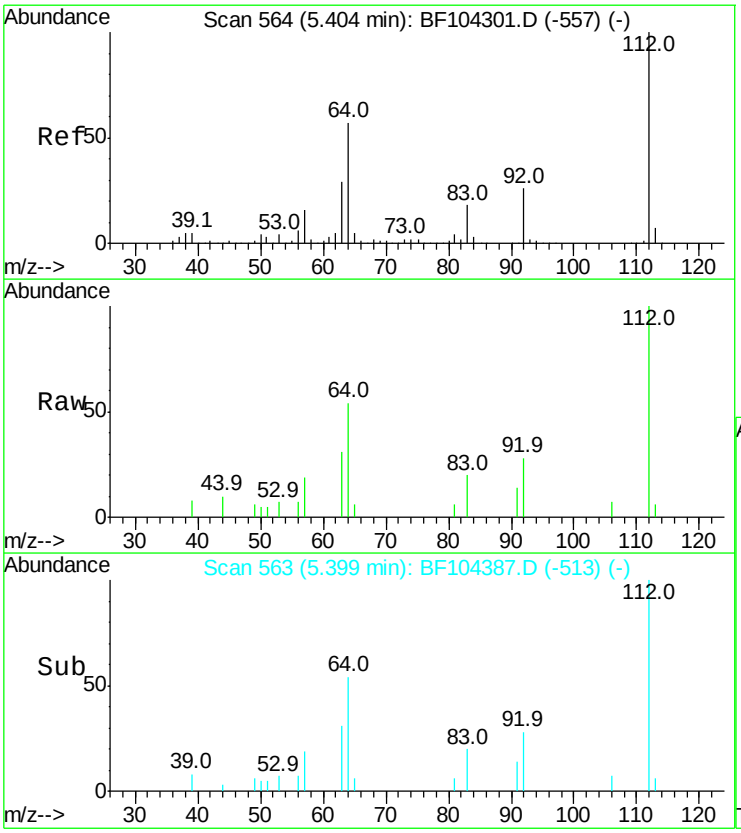
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.80 min Scan# 802
Delta R.T. 0.00 min
Lab File: BF104387.D
Acq: 9 Apr 2018 22:47

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:152 Resp: 128136

Ion	Ratio	Lower	Upper
152	100		
150	158.2	124.6	186.8
115	65.3	50.1	75.1

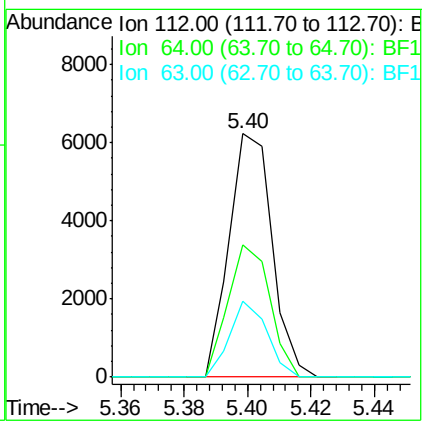


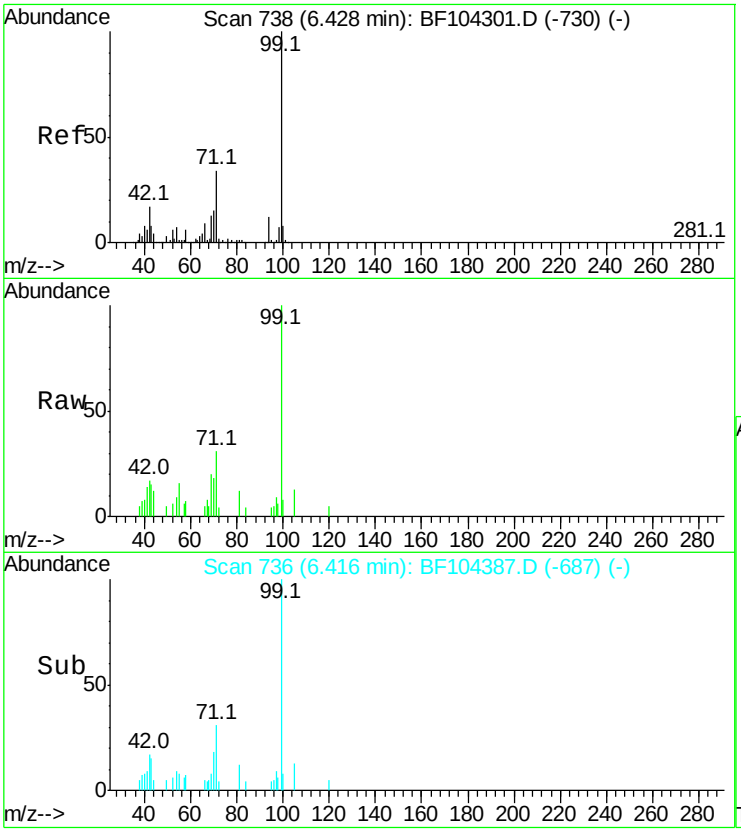


#5
2-Fluorophenol
Concen: 0.696 ng
RT: 5.40 min Scan# 563
Delta R.T. -0.01 min
Lab File: BF104387.D
Acq: 9 Apr 2018 22:47

Tgt Ion:112 Resp: 5833

Ion	Ratio	Lower	Upper
112	100		
64	54.5	47.9	71.9
63	31.3	23.7	35.5



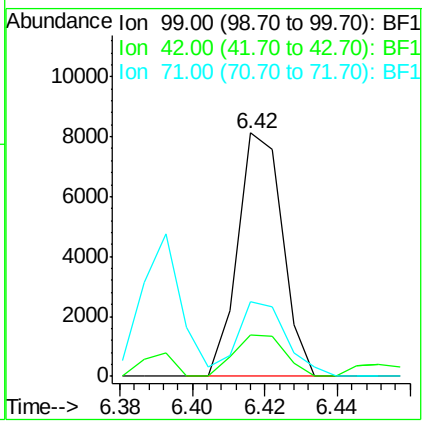


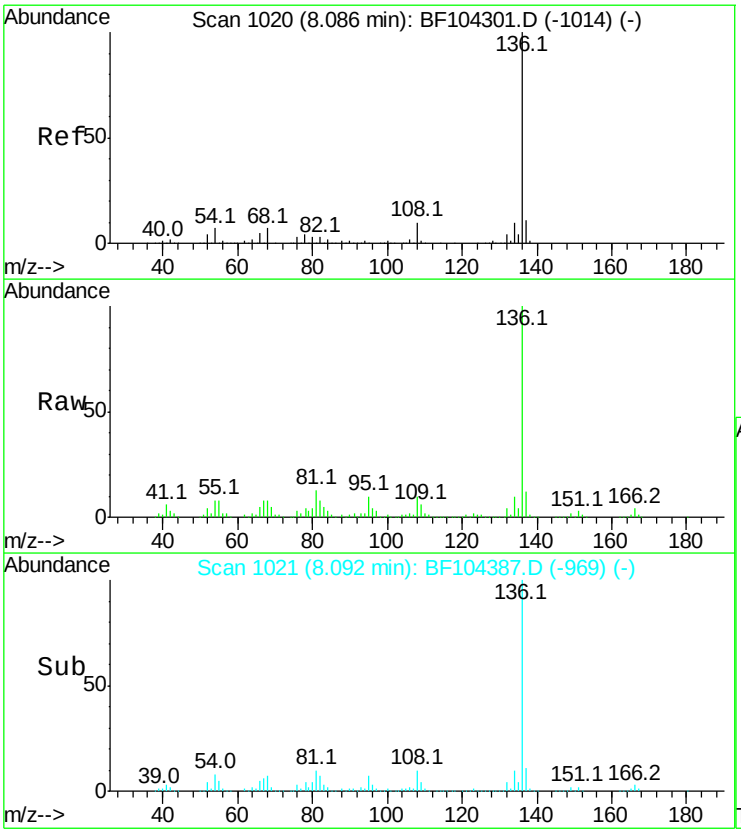
#7
Phenol-d6
Concen: 0.673 ng
RT: 6.42 min Scan# 736
Delta R.T. -0.01 min
Lab File: BF104387.D
Acq: 9 Apr 2018 22:47

Instrument :
BNA_F
ClientSampleId :

Tgt Ion: 99 Resp: 6928

Ion	Ratio	Lower	Upper
99	100		
42	17.2	14.5	21.7
71	30.9	25.4	38.0

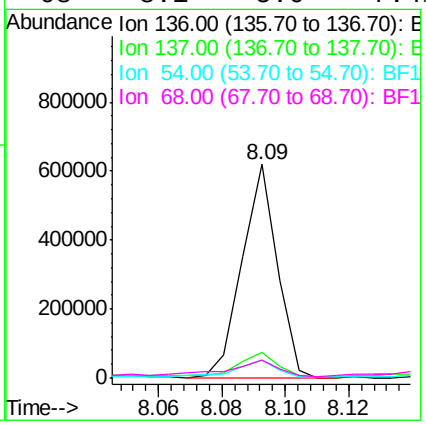


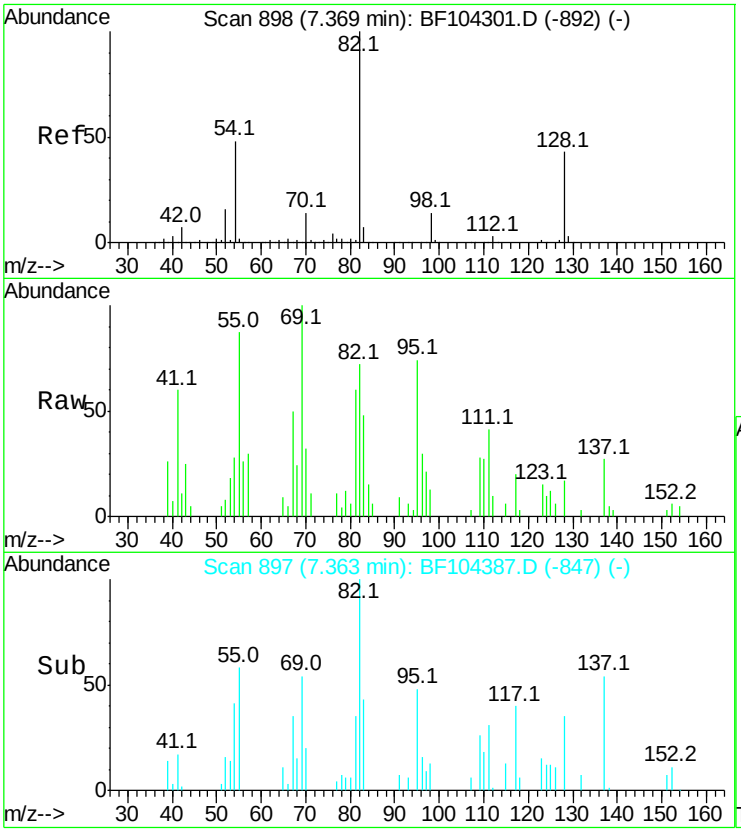


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.09 min Scan# 1021
Delta R.T. 0.01 min
Lab File: BF104387.D
Acq: 9 Apr 2018 22:47

Tgt Ion:136 Resp: 474831

Ion	Ratio	Lower	Upper
136	100		
137	11.7	8.9	13.3
54	8.3	6.6	9.8
68	8.1	5.0	7.4#



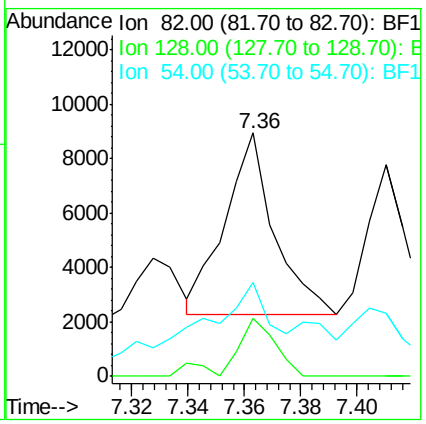


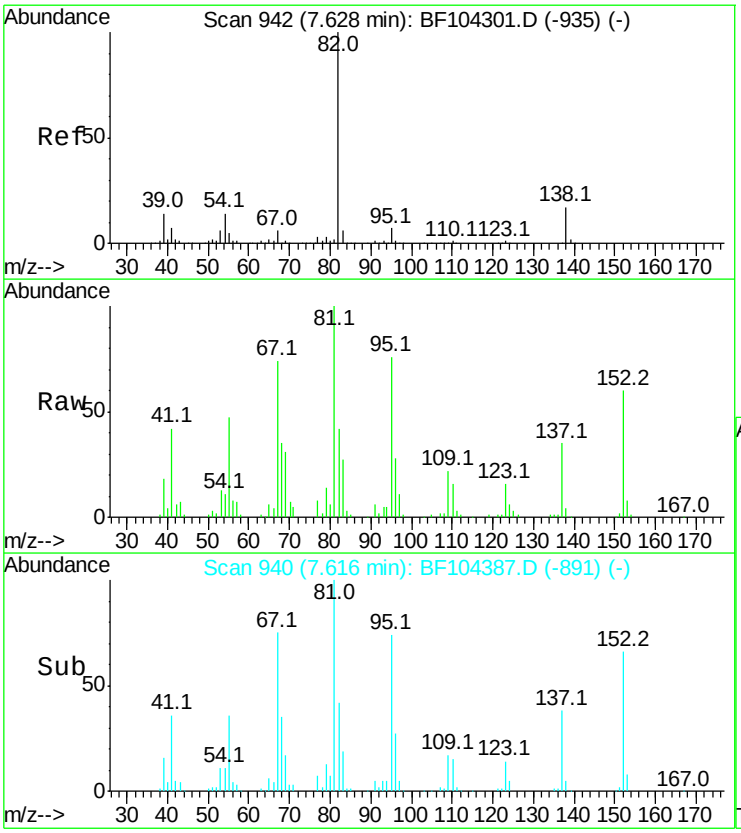
#23
Nitrobenzene-d5
Concen: 1.106 ng
RT: 7.36 min Scan# 897
Delta R.T. -0.01 min
Lab File: BF104387.D
Acq: 9 Apr 2018 22:47

Instrument :
BNA_F
ClientSampleId :

Tgt Ion: 82 Resp: 8042

Ion	Ratio	Lower	Upper
82	100		
128	23.9	36.1	54.1#
54	38.8	41.4	62.2#

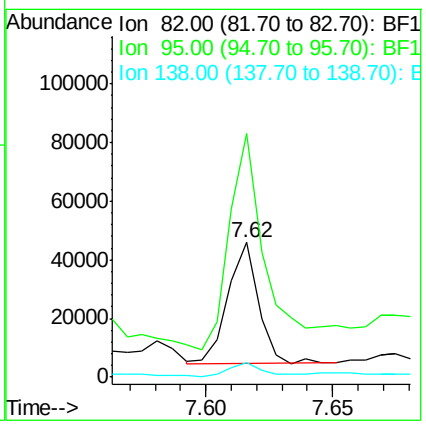


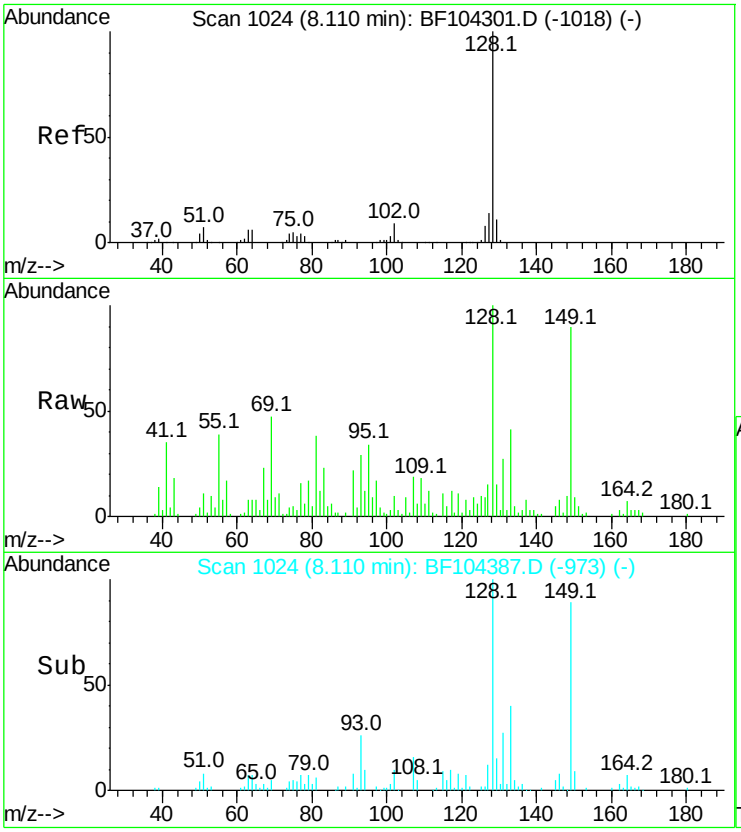


#25
Isophorone
Concen: 2.248 ng
RT: 7.62 min Scan# 940
Delta R.T. -0.01 min
Lab File: BF104387.D
Acq: 9 Apr 2018 22:47

Tgt Ion: 82 Resp: 34566

Ion	Ratio	Lower	Upper
82	100		
95	180.9	5.2	7.8#
138	10.4	14.9	22.3#



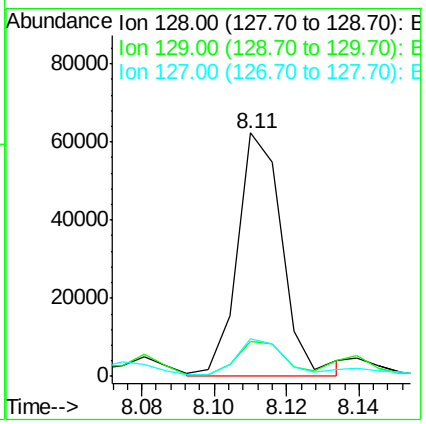


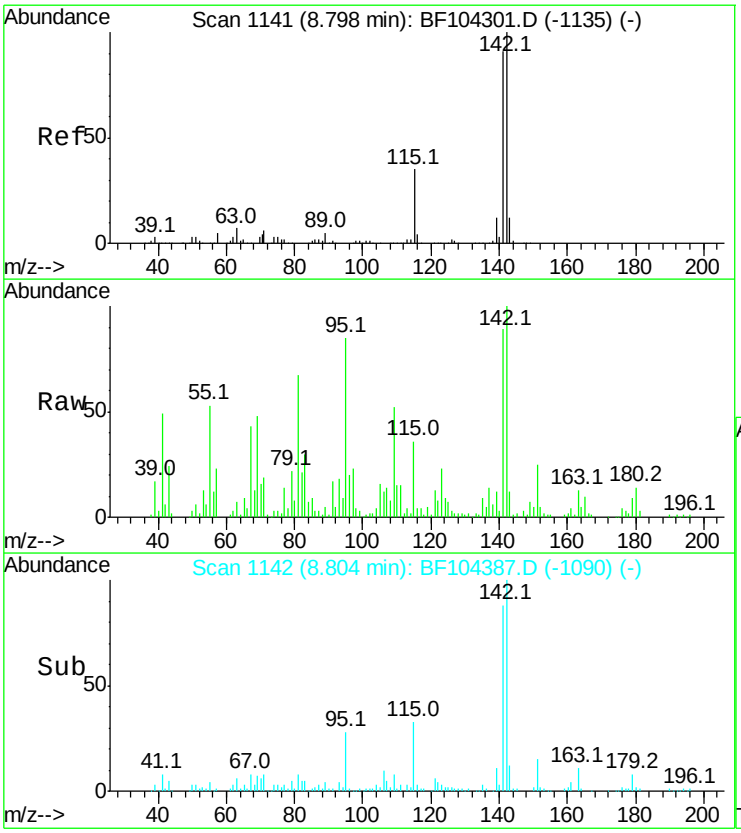
#31
Naphthalene
Concen: 2.265 ng
RT: 8.11 min Scan# 1024
Delta R.T. 0.00 min
Lab File: BF104387.D
Acq: 9 Apr 2018 22:47

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:128 Resp: 53560

Ion	Ratio	Lower	Upper
128	100		
129	14.5	8.8	13.2#
127	15.3	10.9	16.3

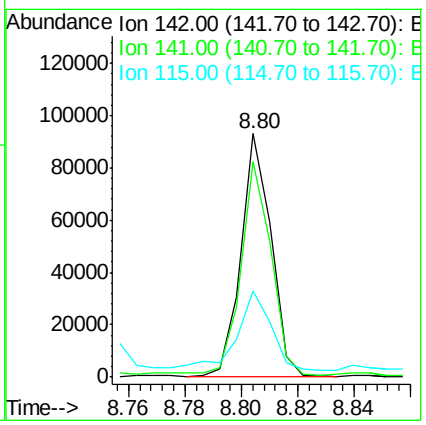


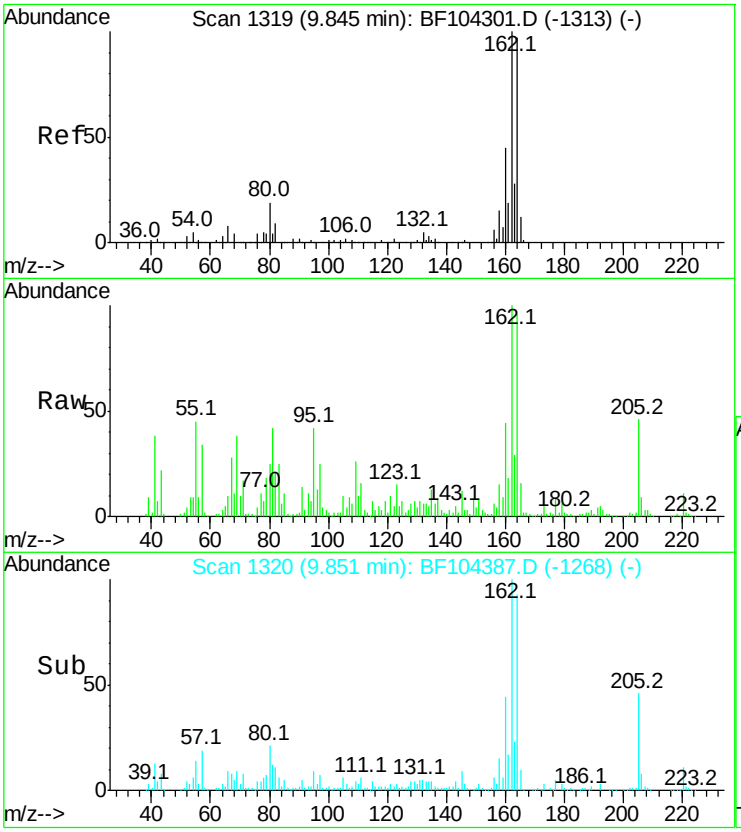


#37
2-Methylnaphthalene
Concen: 4.461 ng
RT: 8.80 min Scan# 1142
Delta R.T. 0.01 min
Lab File: BF104387.D
Acq: 9 Apr 2018 22:47

Tgt Ion:142 Resp: 68230

Ion	Ratio	Lower	Upper
142	100		
141	88.6	70.8	106.2
115	35.6	26.1	39.1



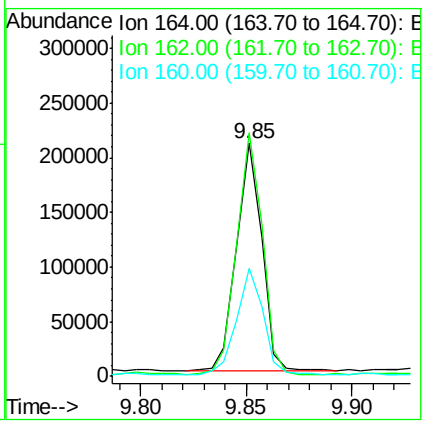


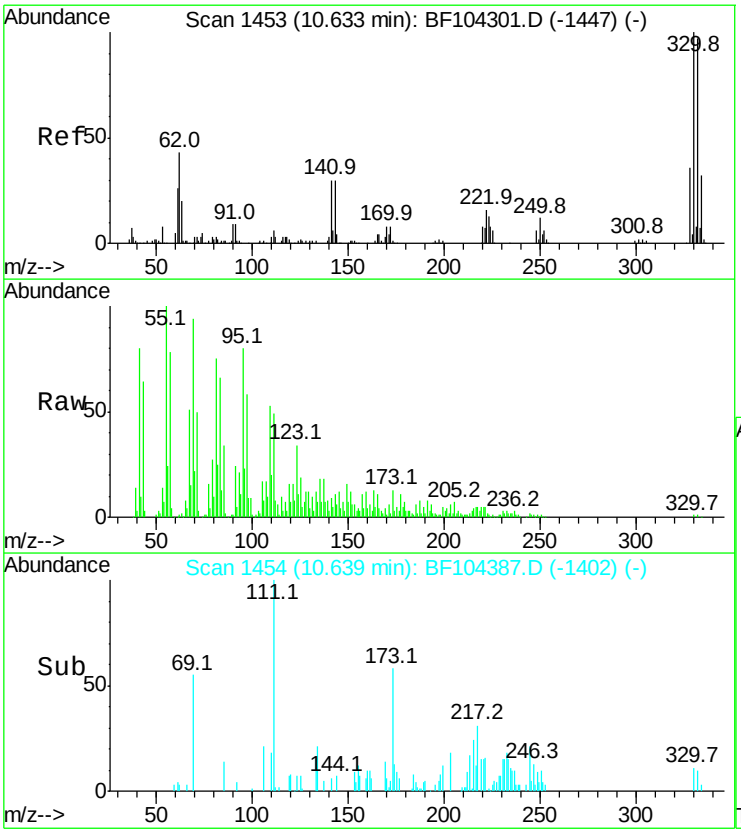
#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.85 min Scan# 1320
Delta R.T. 0.01 min
Lab File: BF104387.D
Acq: 9 Apr 2018 22:47

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:164 Resp: 171867

Ion	Ratio	Lower	Upper
164	100		
162	104.6	86.1	129.1
160	46.5	38.3	57.5

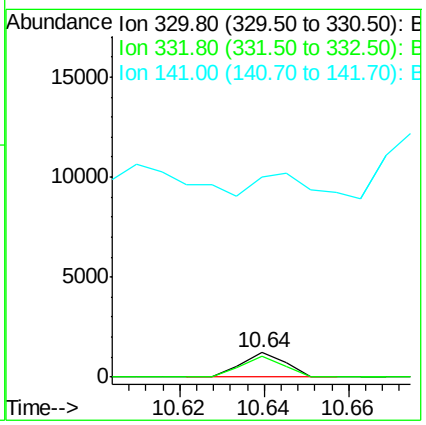


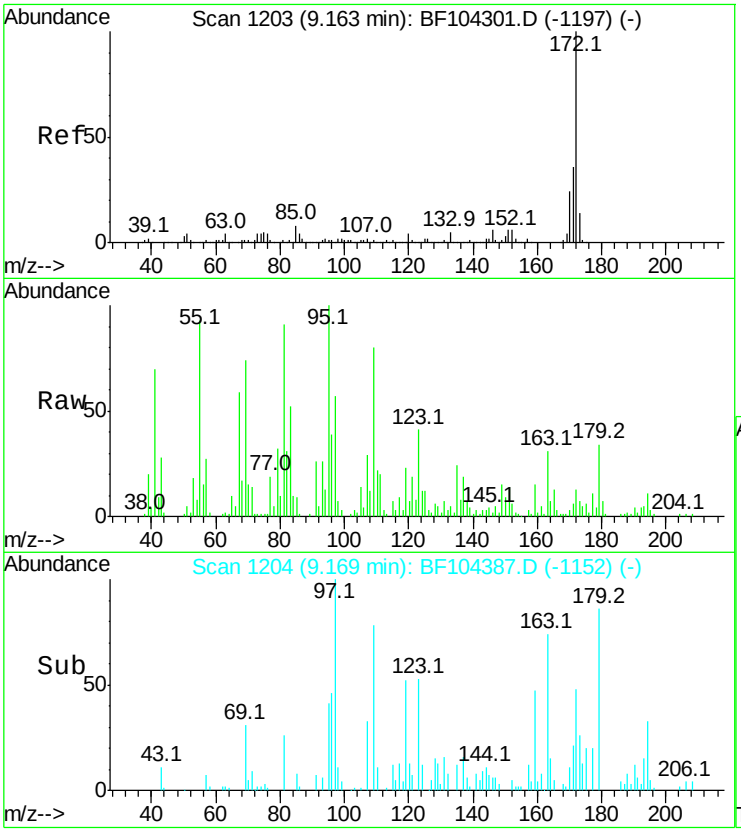


#41
2,4,6-Tribromophenol
Concen: 0.495 ng
RT: 10.64 min Scan# 1454
Delta R.T. 0.01 min
Lab File: BF104387.D
Acq: 9 Apr 2018 22:47

Tgt Ion:330 Resp: 882

Ion	Ratio	Lower	Upper
330	100		
332	81.1	77.0	115.6
141	122.0	29.9	44.9#



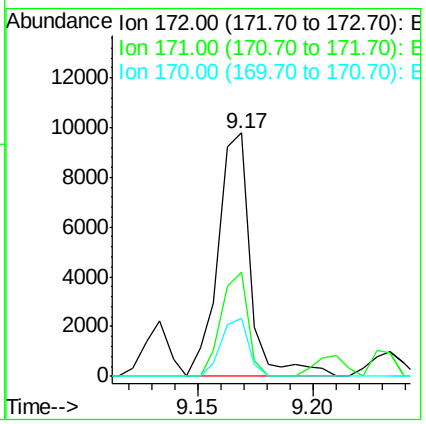


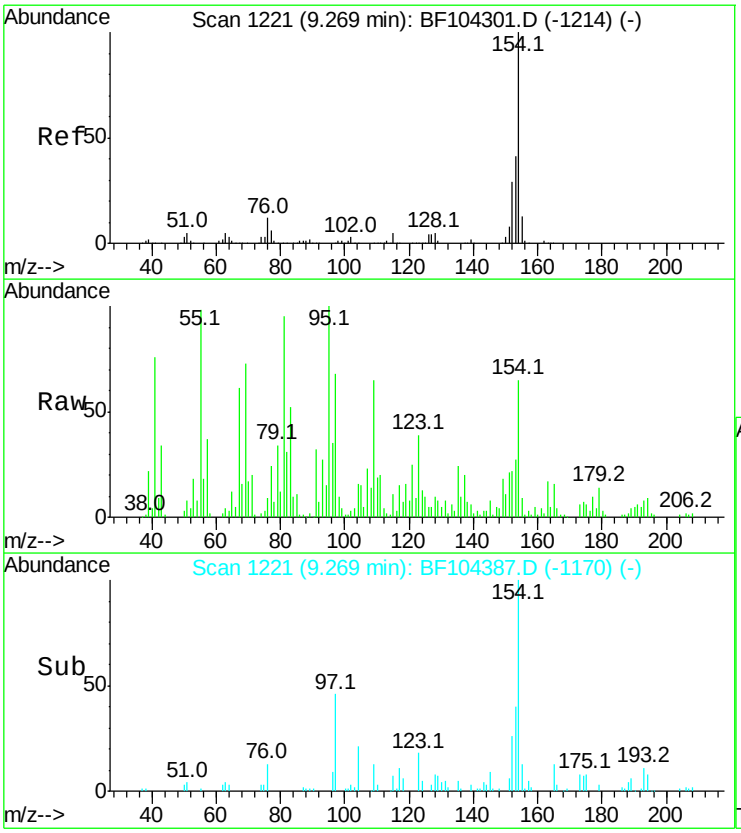
#44
2-Fluorobiphenyl
Concen: 0.880 ng
RT: 9.17 min Scan# 1204
Delta R.T. 0.01 min
Lab File: BF104387.D
Acq: 9 Apr 2018 22:47

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:172 Resp: 9577

Ion	Ratio	Lower	Upper
172	100		
171	42.9	29.7	44.5
170	23.8	19.6	29.4

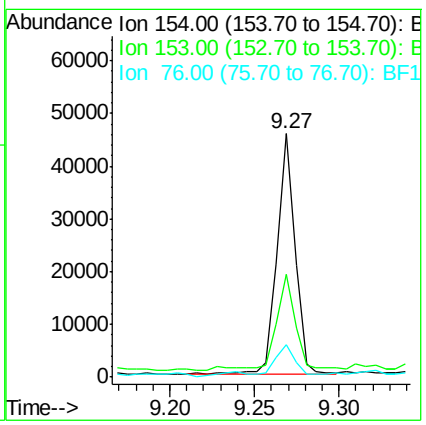


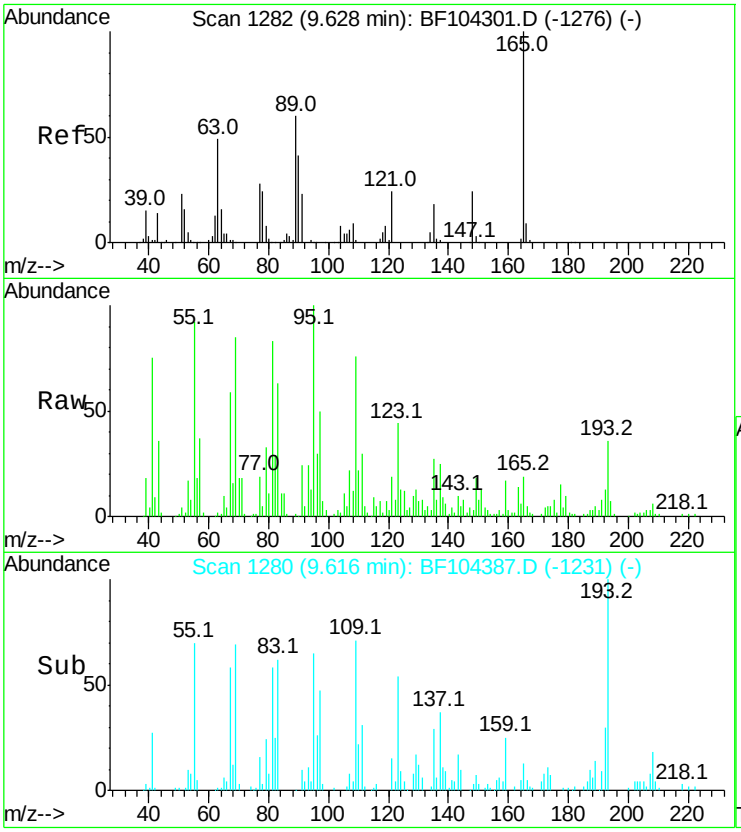


#45
1,1'-Biphenyl
Concen: 2.337 ng
RT: 9.27 min Scan# 1221
Delta R.T. 0.00 min
Lab File: BF104387.D
Acq: 9 Apr 2018 22:47

Tgt Ion:154 Resp: 33740

Ion	Ratio	Lower	Upper
154	100		
153	42.0	21.3	61.3
76	13.2	0.0	34.0



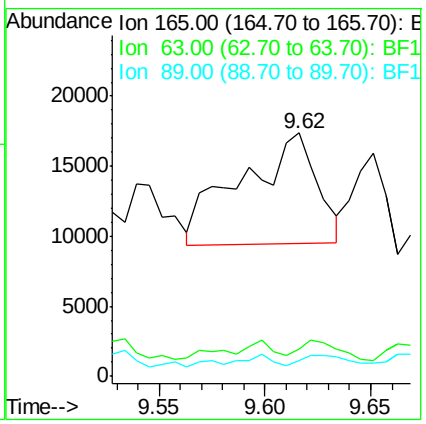


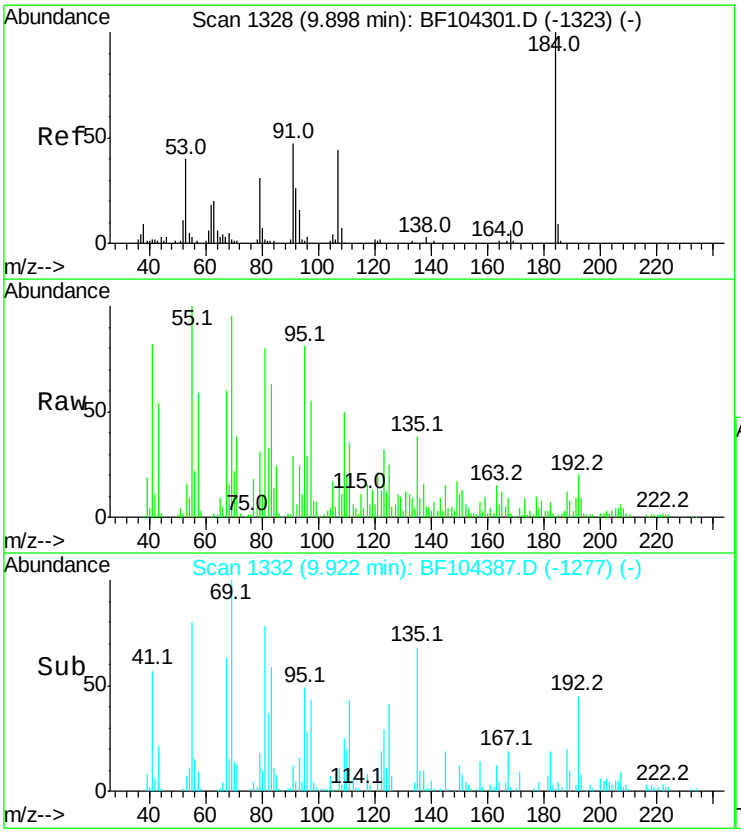
#50
2,6-Dinitrotoluene
Concen: 7.829 ng
RT: 9.62 min Scan# 1280
Delta R.T. -0.01 min
Lab File: BF104387.D
Acq: 9 Apr 2018 22:47

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:165 Resp: 19634

Ion	Ratio	Lower	Upper
165	100		
63	11.0	44.7	67.1#
89	6.4	44.0	66.0#

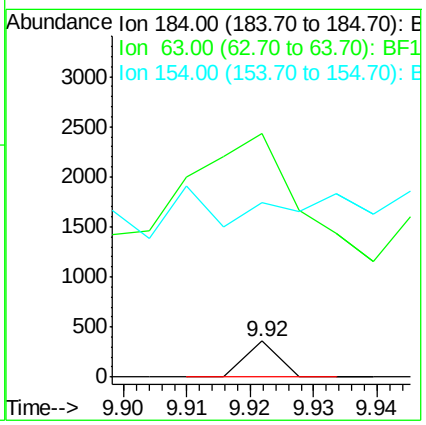


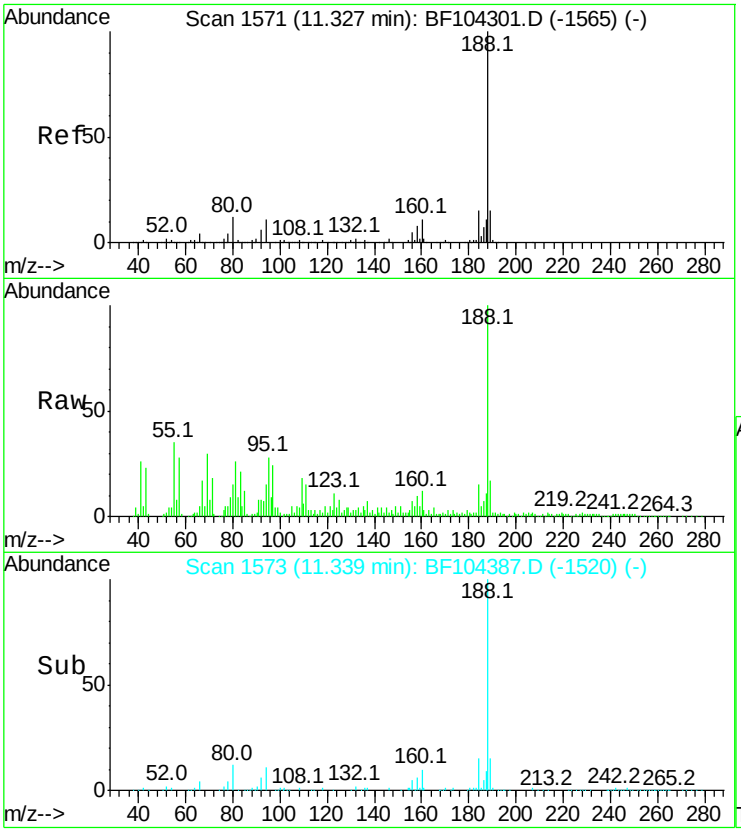


#53
2,4-Dinitrophenol
Concen: 5.309 ng
RT: 9.92 min Scan# 1332
Delta R.T. 0.02 min
Lab File: BF104387.D
Acq: 9 Apr 2018 22:47

Tgt Ion:184 Resp: 126

Ion	Ratio	Lower	Upper
184	100		
63	682.9	54.2	81.2#
154	488.5	184.0	276.0#



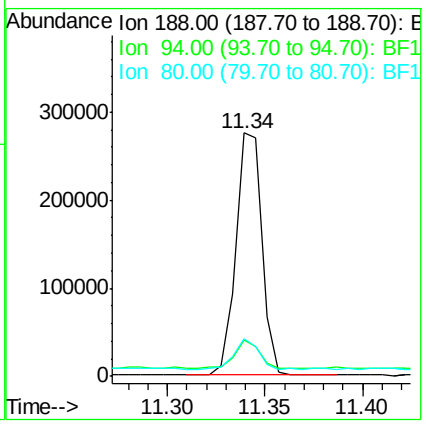


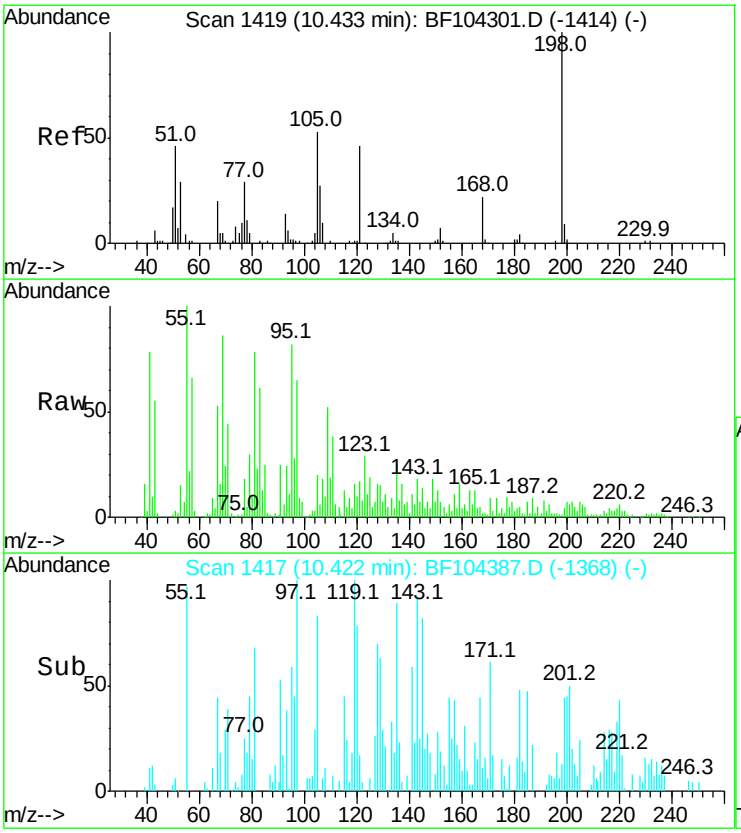
#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.34 min Scan# 1573
Delta R.T. 0.01 min
Lab File: BF104387.D
Acq: 9 Apr 2018 22:47

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:188 Resp: 254258

Ion	Ratio	Lower	Upper
188	100		
94	15.0	8.5	12.7#
80	15.2	9.2	13.8#

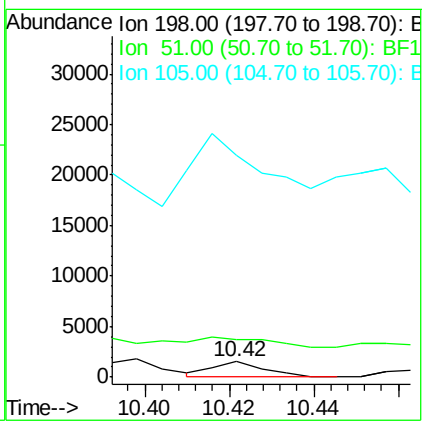


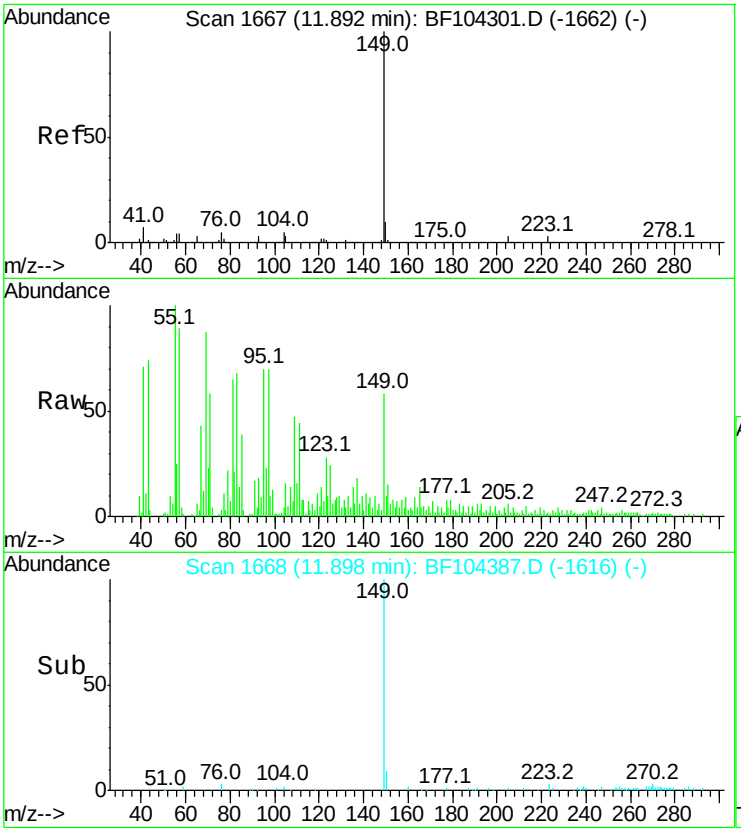


#64
4,6-Dinitro-2-methylphenol
Concen: 8.226 ng
RT: 10.42 min Scan# 1417
Delta R.T. -0.01 min
Lab File: BF104387.D
Acq: 9 Apr 2018 22:47

Tgt Ion:198 Resp: 1285

Ion	Ratio	Lower	Upper
198	100		
51	242.4	37.7	77.7#
105	1422.5	36.3	76.3#



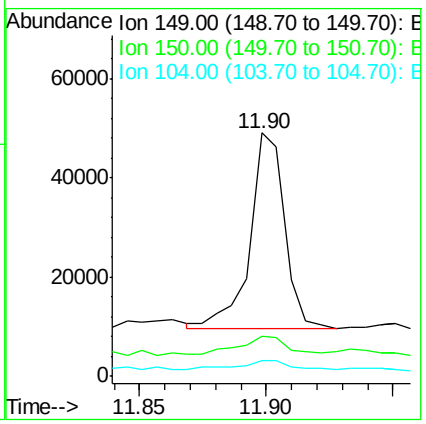


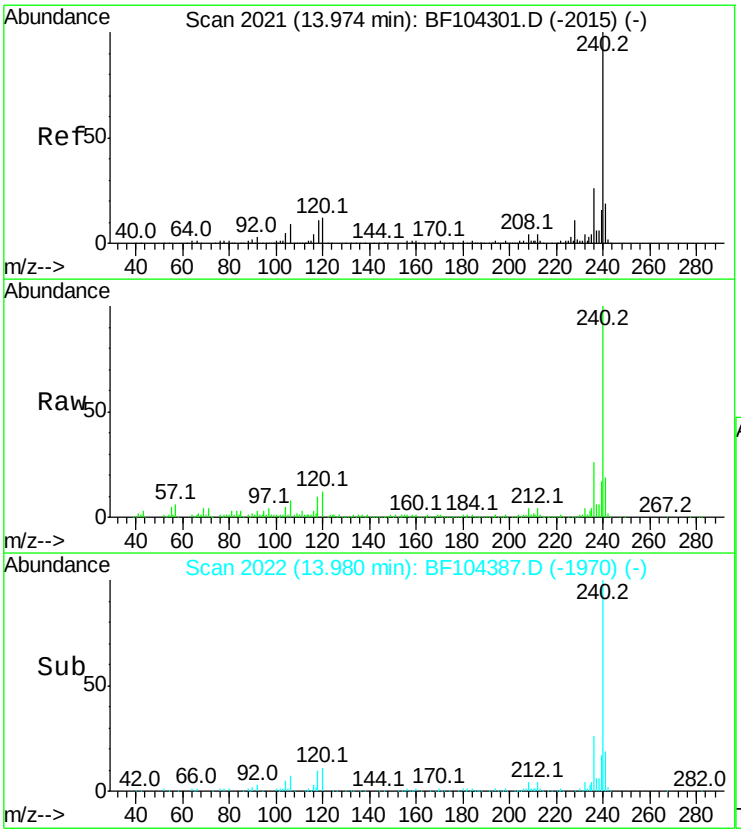
#73
Di-n-butylphthalate
Concen: 2.206 ng
RT: 11.90 min Scan# 1668
Delta R.T. 0.01 min
Lab File: BF104387.D
Acq: 9 Apr 2018 22:47

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:149 Resp: 37909

Ion	Ratio	Lower	Upper
149	100		
150	16.7	7.8	11.6#
104	6.5	3.8	5.8#

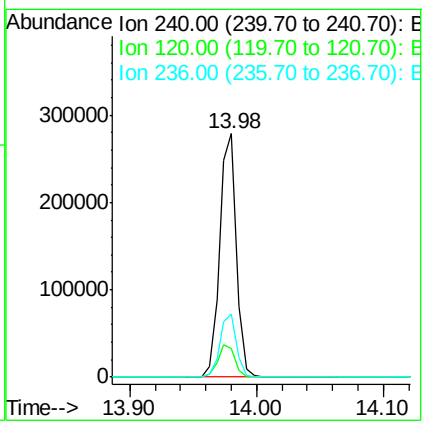


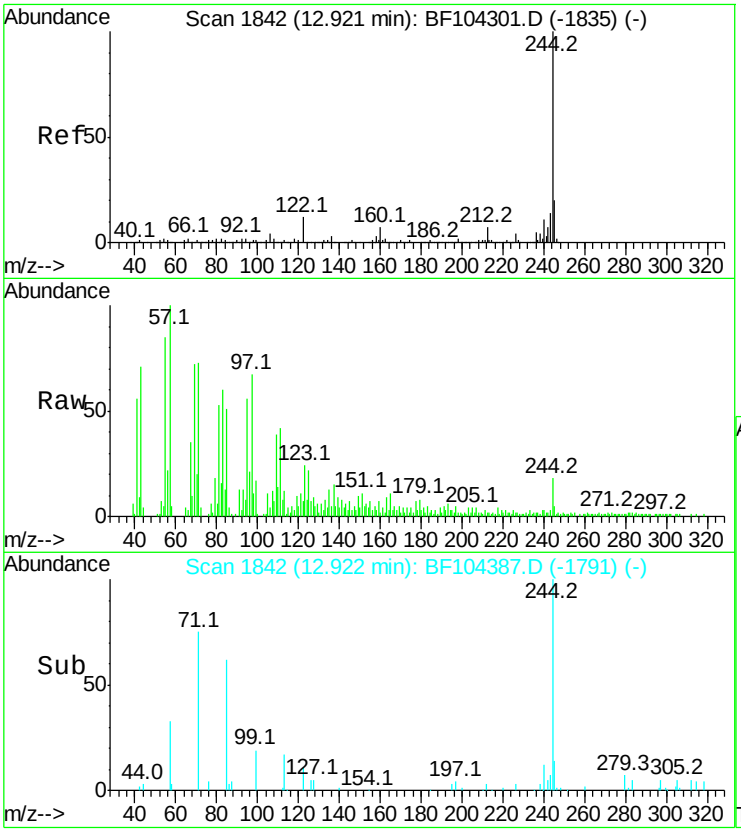


#75
Chrysene-d12
Concen: 20.000 ng
RT: 13.98 min Scan# 2022
Delta R.T. 0.01 min
Lab File: BF104387.D
Acq: 9 Apr 2018 22:47

Tgt Ion:240 Resp: 256456

Ion	Ratio	Lower	Upper
240	100		
120	11.6	9.5	14.3
236	25.9	20.7	31.1



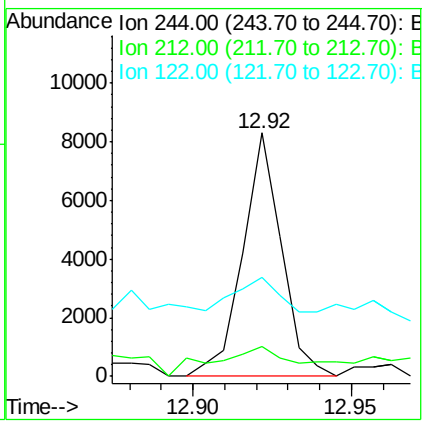


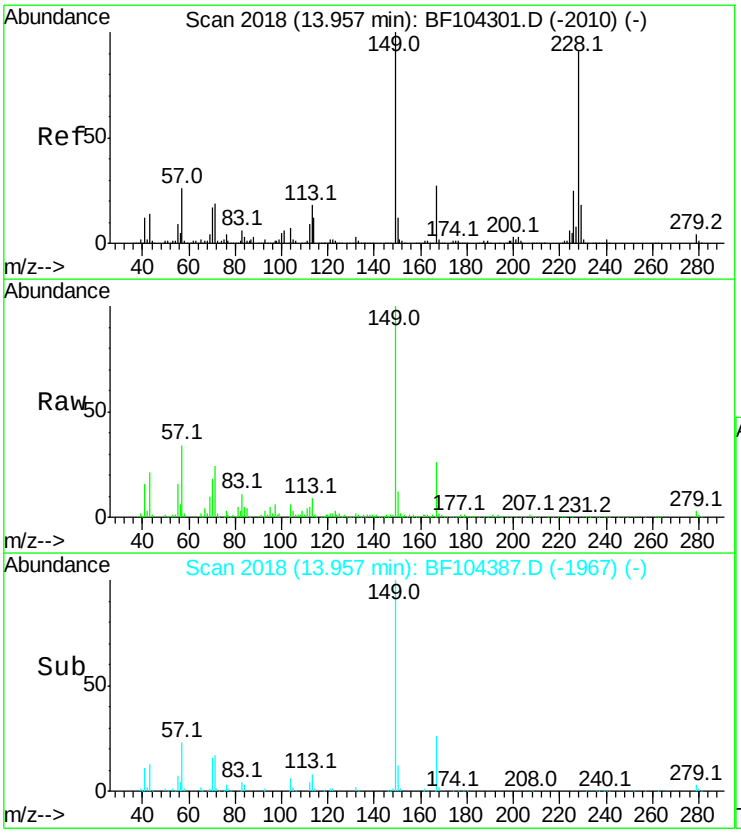
#78
Terphenyl-d14
Concen: 0.628 ng
RT: 12.92 min Scan# 1842
Delta R.T. 0.00 min
Lab File: BF104387.D
Acq: 9 Apr 2018 22:47

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:244 Resp: 7060

Ion	Ratio	Lower	Upper
244	100		
212	12.1	5.4	8.0#
122	40.7	11.0	16.4#

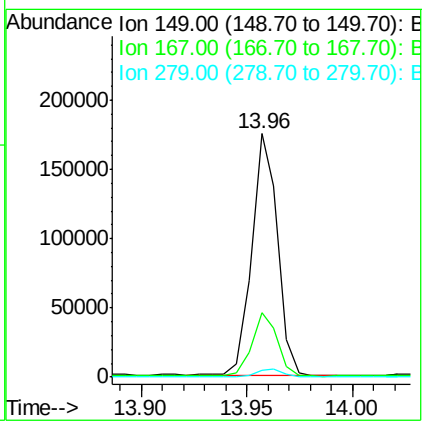


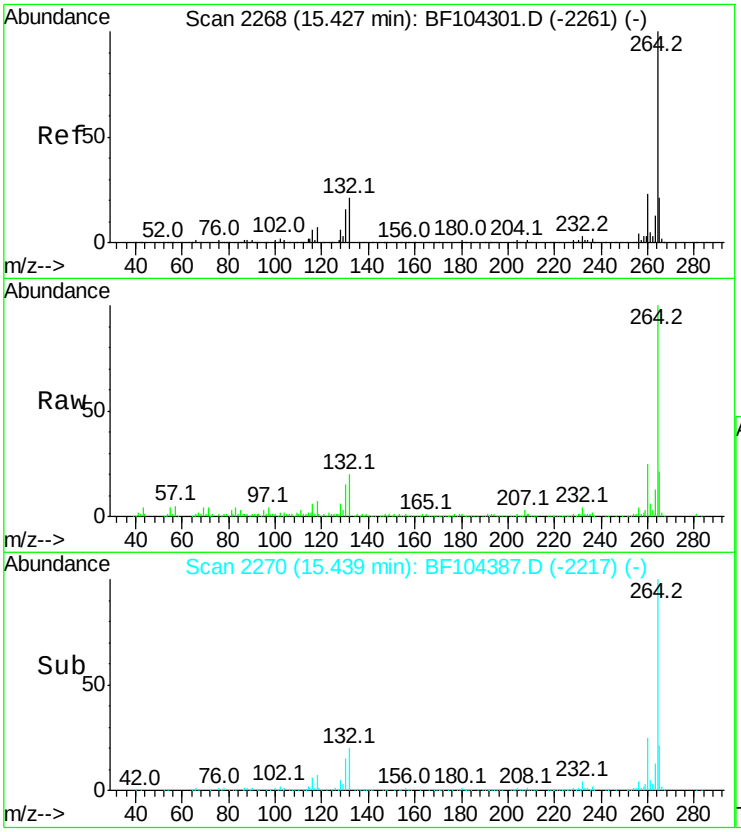


#83
Bis(2-ethylhexyl)phthalate
Concen: 12.755 ng
RT: 13.96 min Scan# 2018
Delta R.T. 0.00 min
Lab File: BF104387.D
Acq: 9 Apr 2018 22:47

Tgt Ion:149 Resp: 146925

Ion	Ratio	Lower	Upper
149	100		
167	26.5	21.3	31.9
279	3.0	3.0	4.4





#86
Perylene-d12
Concen: 20.000 ng
RT: 15.44 min Scan# 2270
Delta R.T. 0.01 min
Lab File: BF104387.D
Acq: 9 Apr 2018 22:47

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:264 Resp: 194349

Ion	Ratio	Lower	Upper
264	100		
260	24.6	19.2	28.8
265	21.5	17.5	26.3