Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF043018\
Data File : BF104937.D
Acq On : 30 Apr 2018 17:14
Operator : JU/SJ
Sample : J2609-02
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId :

Quant Time: May 01 04:33:58 2018
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF040618.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Apr 30 15:20:08 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.79	152	123184	20.00	ng		0.00
21) Naphthalene-d8	8.07	136	499879	20.00	ng		0.00
38) Acenaphthene-d10	9.83	164	224791	20.00	ng		0.00
63) Phenanthrene-d10	11.32	188	379340	20.00	ng		0.00
75) Chrysene-d12	13.97	240	242737	20.00	ng		0.00
86) Perylene-d12	15.43	264	228284	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.41	112	694691	86.23	ng		0.00
7) Phenol-d6	6.43	99	843798	85.25	ng		0.00
23) Nitrobenzene-d5	7.36	82	518948	67.79	ng		-0.01
41) 2,4,6-Tribromophenol	10.62	330	206046	88.36	ng		-0.01
44) 2-Fluorobiphenyl	9.15	172	910153	63.96	ng		0.00
78) Terphenyl-d14	12.91	244	755134	70.92	ng		0.00
Target Compounds							Qvalue
9) Benzaldehyde	6.44	77	1441	Below Cal		#	1
19) n-Nitroso-di-n-propylamine	7.36	70	65674	10.15	ng	#	72
25) Isophorone	7.36	82	518944	32.06	ng	#	64
49) Dimethylphthalate	9.55	163	97894	5.52	ng		99
50) 2,6-Dinitrotoluene	9.83	165	29126	8.88	ng	#	25
56) 2,4-Dinitrotoluene	9.83	165	29126	6.77	ng	#	23
64) 4,6-Dinitro-2-methylphenol	10.62	198	373	7.52	ng	#	1
66) 4-Bromophenyl-phenylether	10.62	248	12788	3.17	ng	#	1
74) Fluoranthene	12.53	202	49187	2.23	ng		99
76) Benzidine	12.62	184	560	Below Cal		#	37
77) Pyrene	12.76	202	37630	2.09	ng		97
83) Bis(2-ethylhexyl)phthalate	13.93	149	57701	5.29	ng		100
88) Benzo(k)fluoranthene	15.01	252	28691	2.11	ng	#	91

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

Quantitation Report (Not Reviewed)

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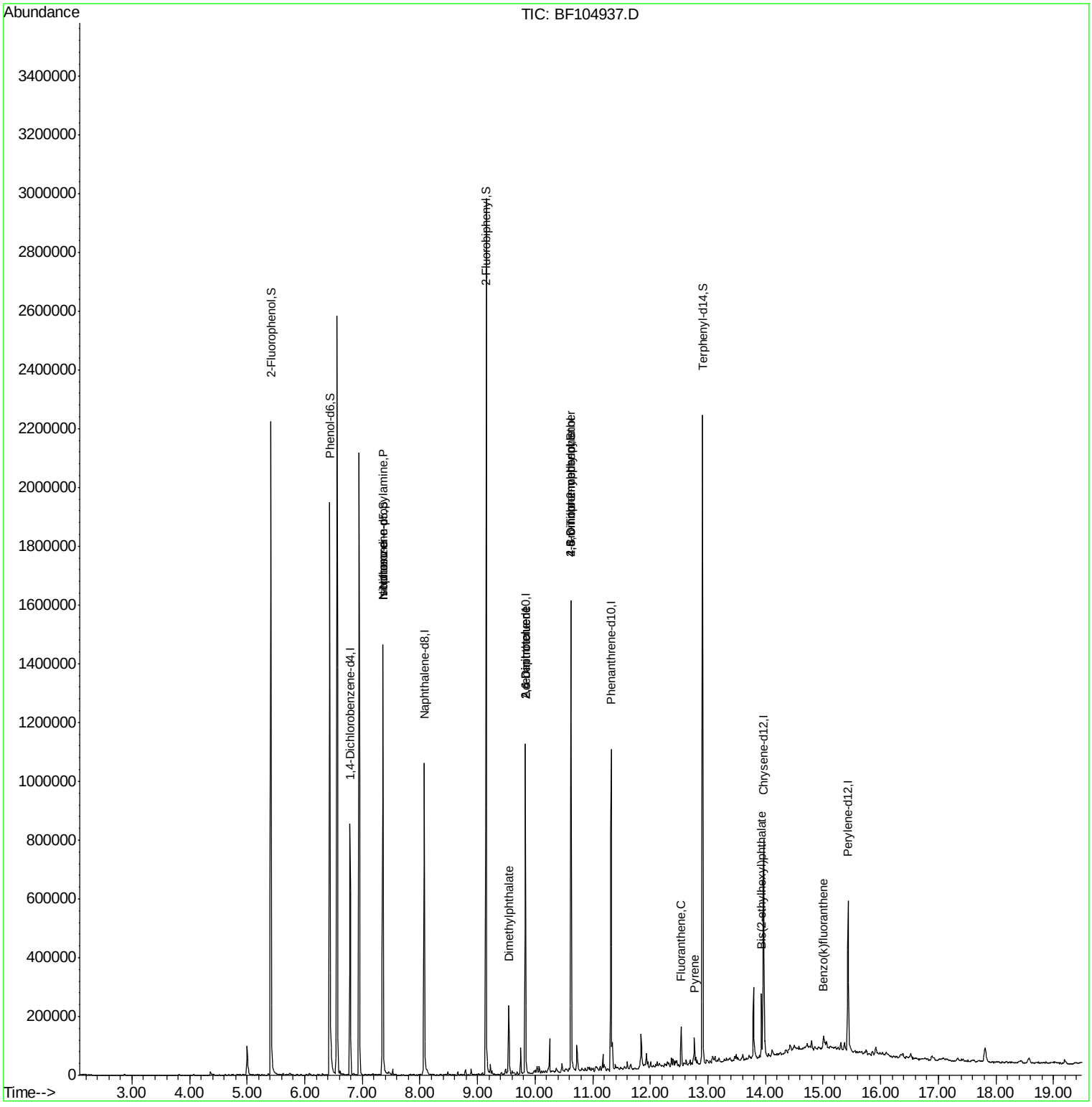
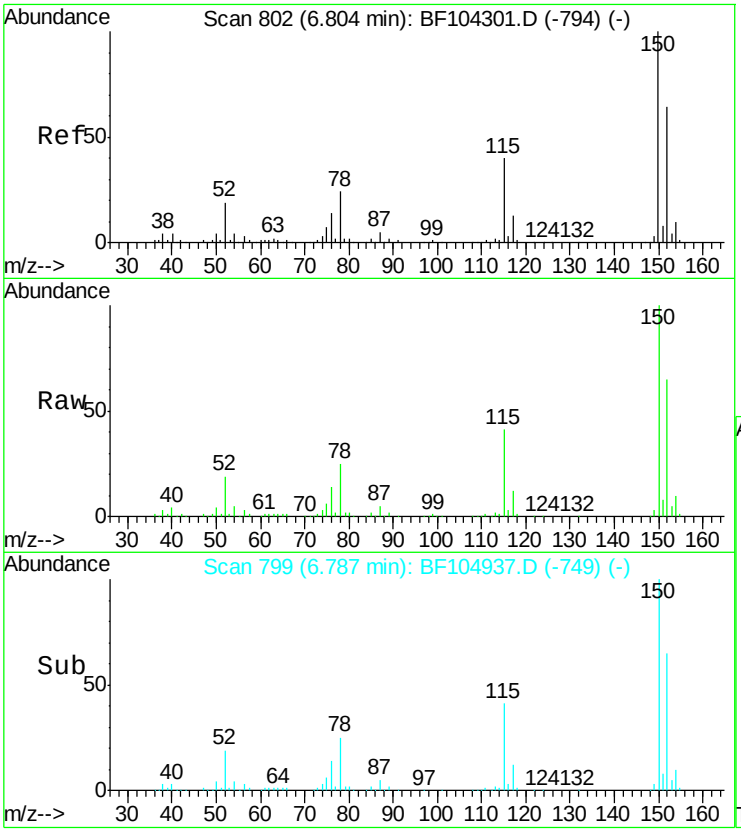
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :

Quant Time: May 01 04:33:58 2018
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF040618.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Apr 30 15:20:08 2018
Response via : Initial Calibration

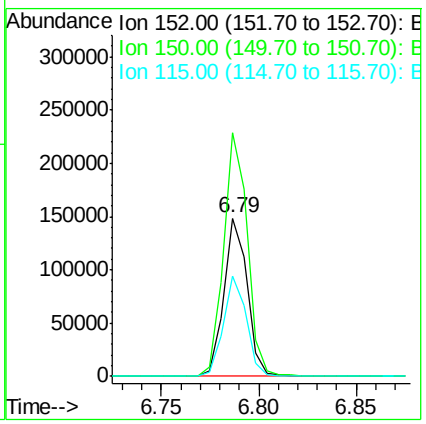




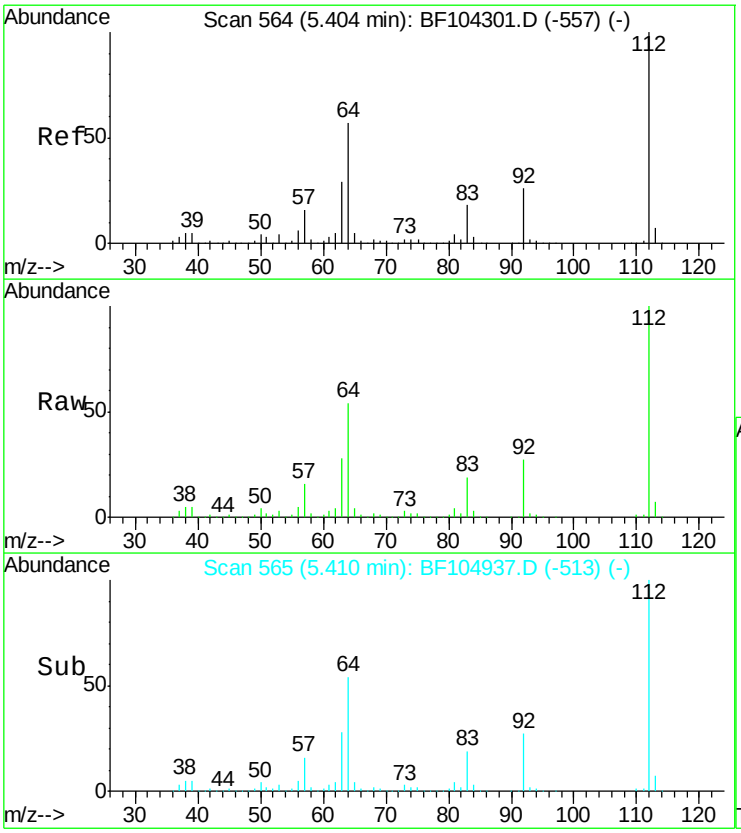
#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.79 min Scan# 799
Delta R.T. -0.01 min
Lab File: BF104937.D
Acq: 30 Apr 2018 17:14

Tgt Ion:152 Resp: 123184

Ion	Ratio	Lower	Upper
152	100		
150	153.6	124.6	186.8
115	63.1	50.1	75.1



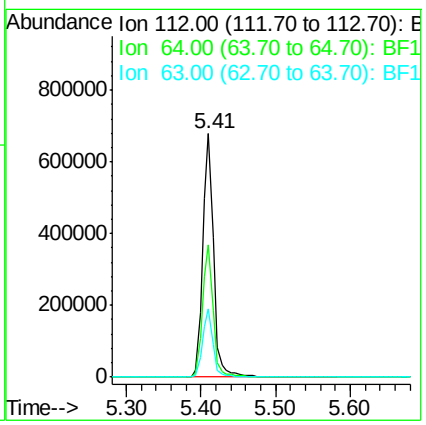
Instrument :
BNA_F
ClientSampleId :

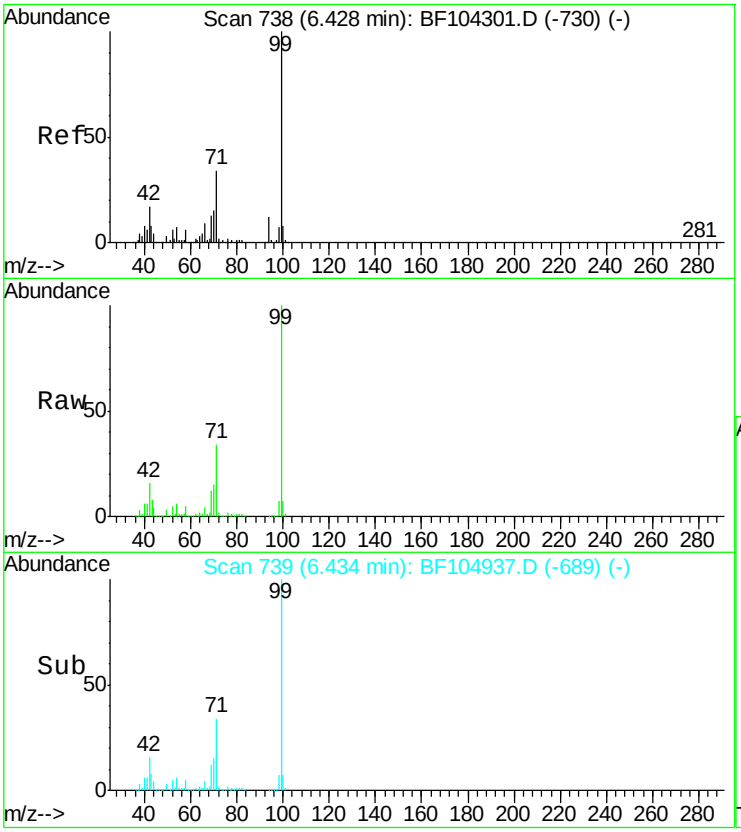


#5
2-Fluorophenol
Concen: 86.23 ng
RT: 5.41 min Scan# 565
Delta R.T. 0.01 min
Lab File: BF104937.D
Acq: 30 Apr 2018 17:14

Tgt Ion:112 Resp: 694691

Ion	Ratio	Lower	Upper
112	100		
64	54.2	47.9	71.9
63	28.1	23.7	35.5



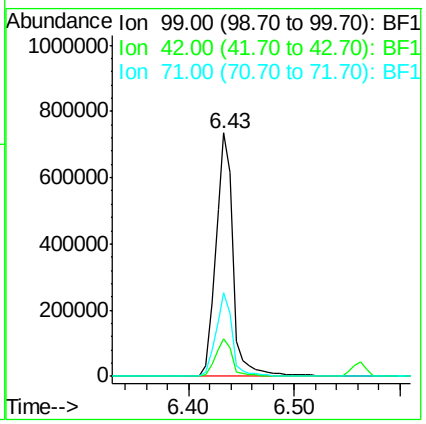


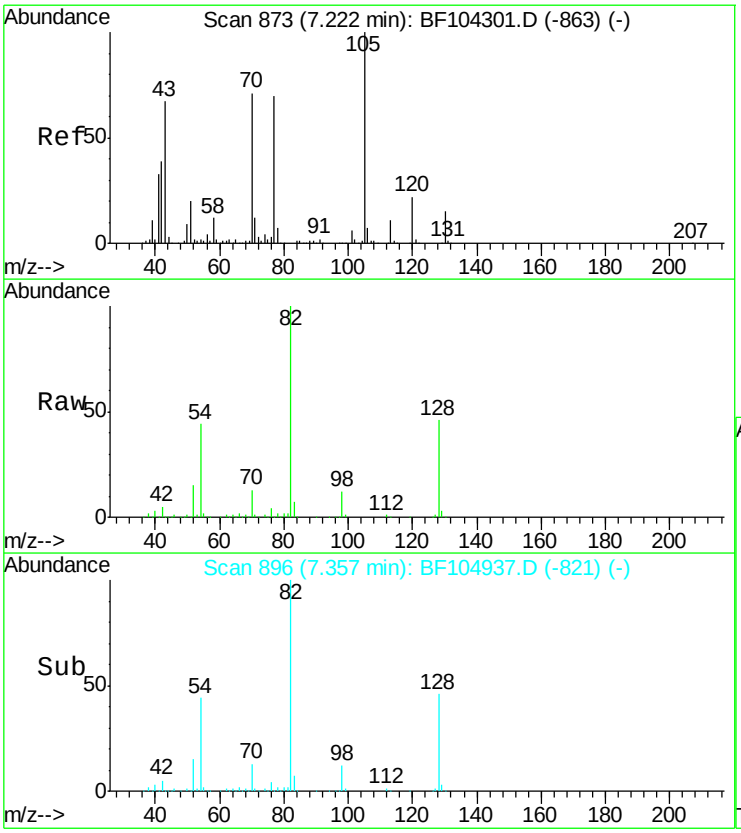
#7
Phenol-d6
Concen: 85.25 ng
RT: 6.43 min Scan# 739
Delta R.T. -0.01 min
Lab File: BF104937.D
Acq: 30 Apr 2018 17:14

Instrument :
BNA_F
ClientSampleId :

Tgt Ion: 99 Resp: 843798

Ion	Ratio	Lower	Upper
99	100		
42	15.6	14.5	21.7
71	34.3	25.4	38.0

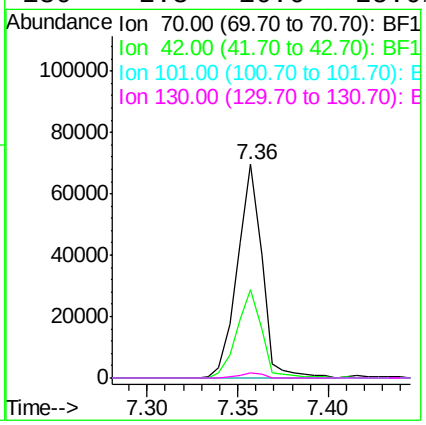


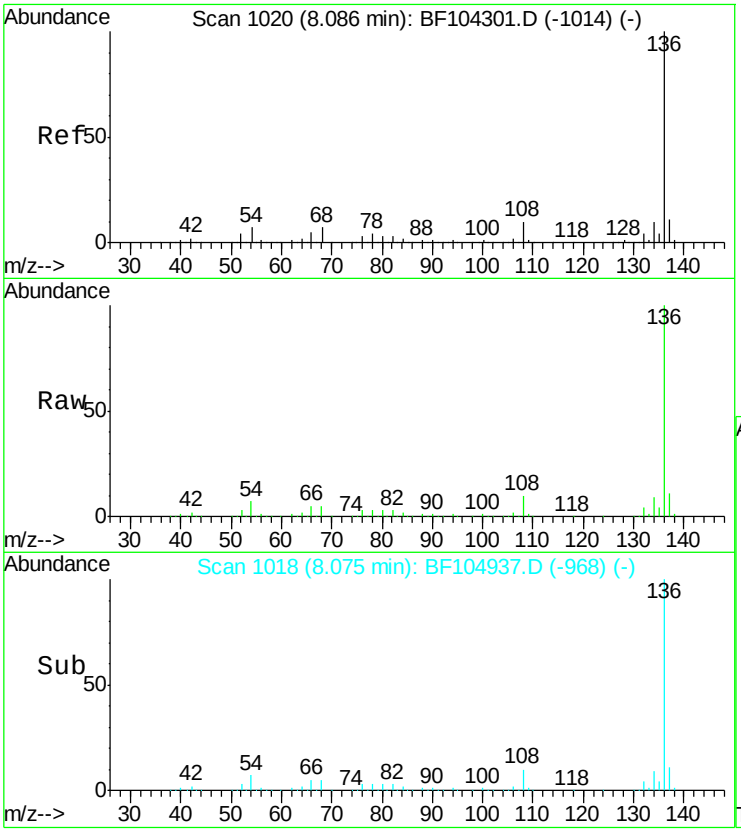


#19
n-Nitroso-di-n-propylamine
Concen: 10.15 ng
RT: 7.36 min Scan# 896
Delta R.T. 0.14 min
Lab File: BF104937.D
Acq: 30 Apr 2018 17:14

Tgt Ion: 70 Resp: 65674

Ion	Ratio	Lower	Upper
70	100		
42	41.1	47.5	71.3#
101	0.0	7.4	11.2#
130	2.3	16.6	25.0#



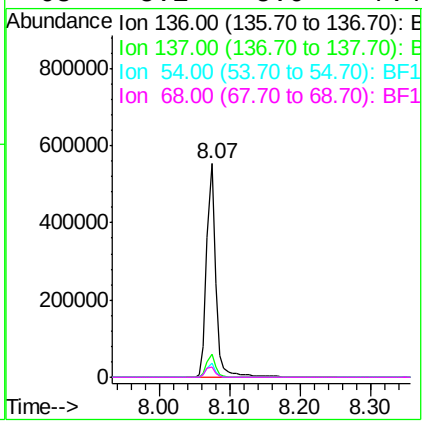


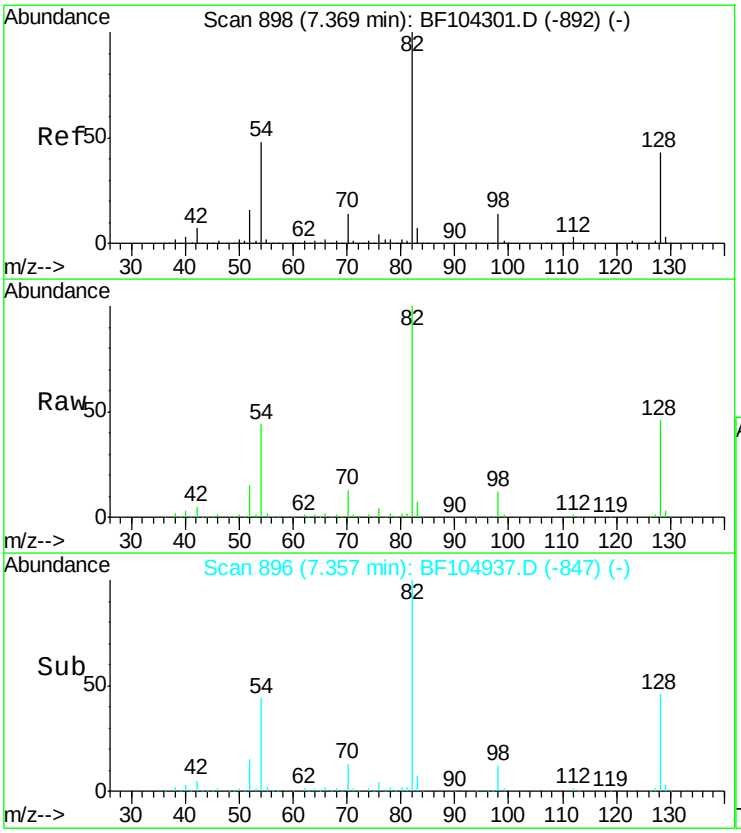
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.07 min Scan# 1018
Delta R.T. -0.01 min
Lab File: BF104937.D
Acq: 30 Apr 2018 17:14

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:136 Resp: 499879

Ion	Ratio	Lower	Upper
136	100		
137	10.7	8.9	13.3
54	6.5	6.6	9.8#
68	5.1	5.0	7.4

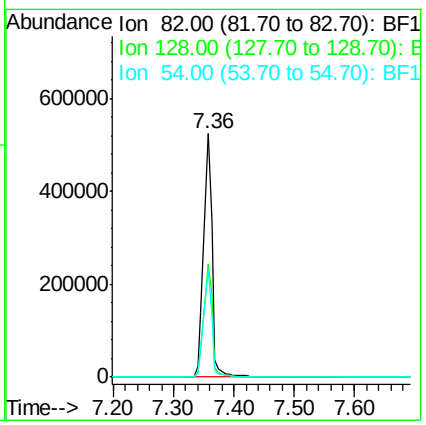


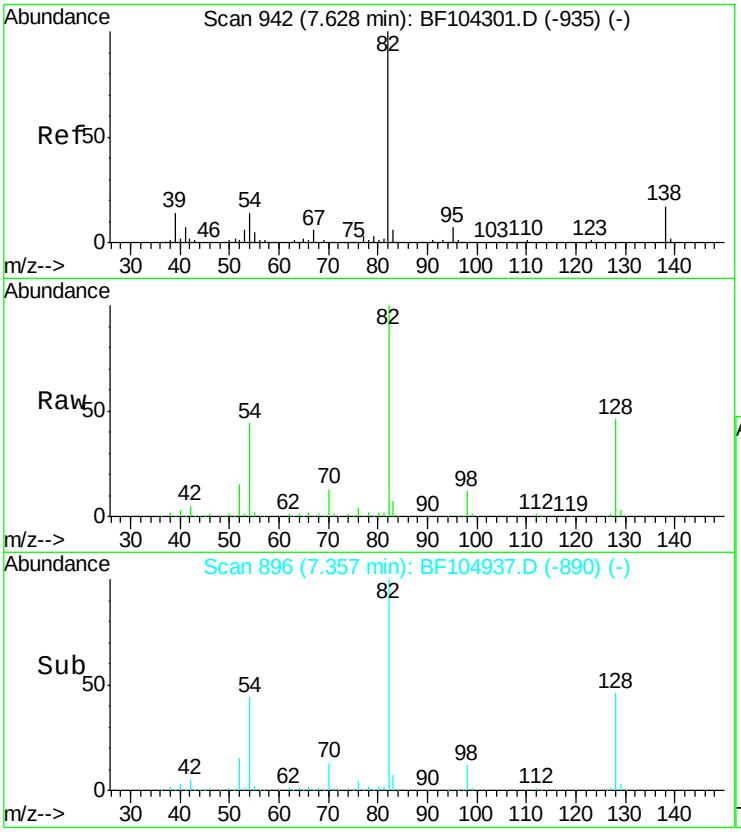


#23
Nitrobenzene-d5
Concen: 67.79 ng
RT: 7.36 min Scan# 896
Delta R.T. -0.01 min
Lab File: BF104937.D
Acq: 30 Apr 2018 17:14

Tgt Ion: 82 Resp: 518948

Ion	Ratio	Lower	Upper
82	100		
128	46.2	36.1	54.1
54	44.0	41.4	62.2



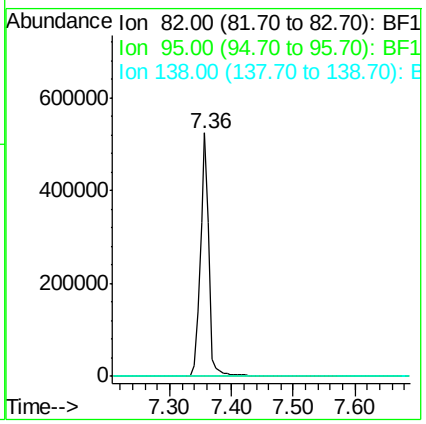


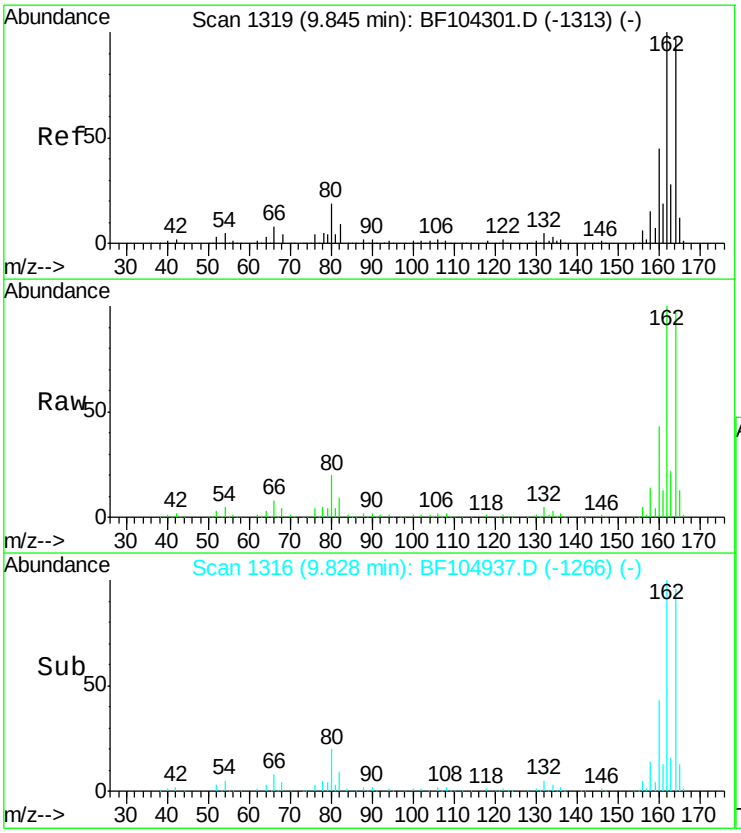
#25
Isophorone
Concen: 32.06 ng
RT: 7.36 min Scan# 896
Delta R.T. -0.26 min
Lab File: BF104937.D
Acq: 30 Apr 2018 17:14

Instrument :
BNA_F
ClientSampleId :

Tgt Ion: 82 Resp: 518944

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

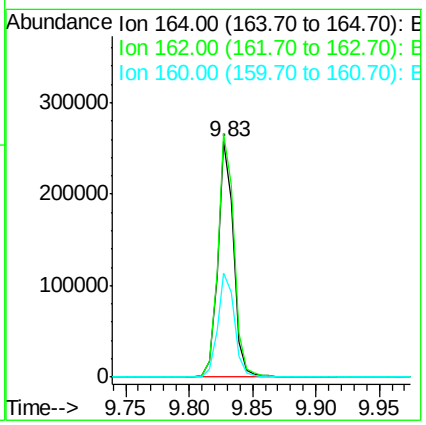


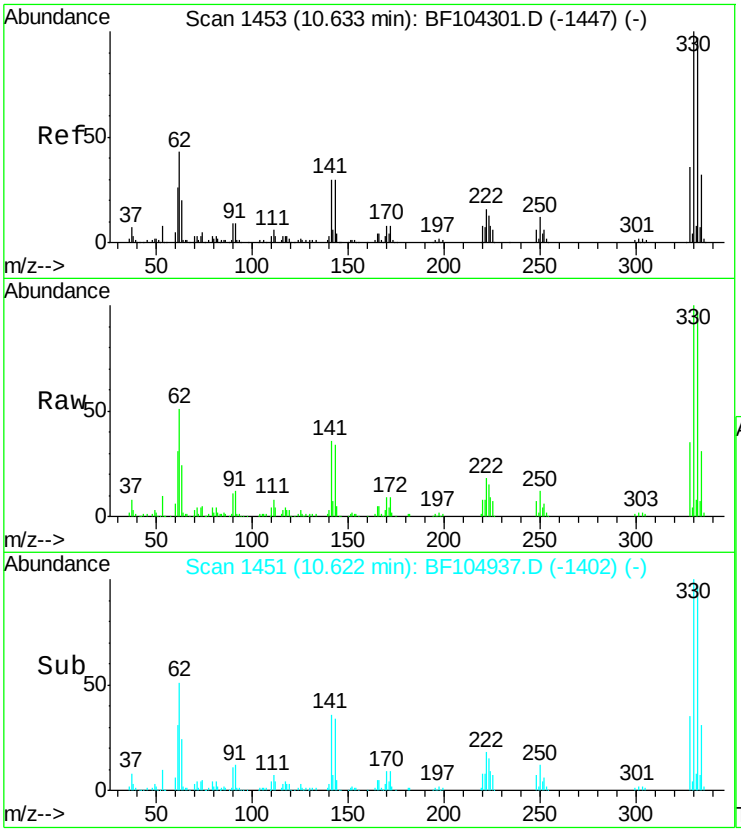


#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.83 min Scan# 1316
Delta R.T. -0.01 min
Lab File: BF104937.D
Acq: 30 Apr 2018 17:14

Tgt Ion:164 Resp: 224791

Ion	Ratio	Lower	Upper
164	100		
162	103.3	86.1	129.1
160	44.1	38.3	57.5



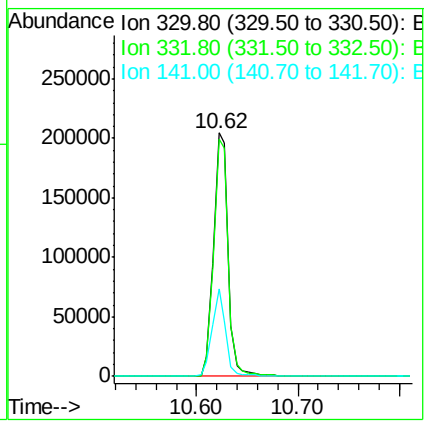


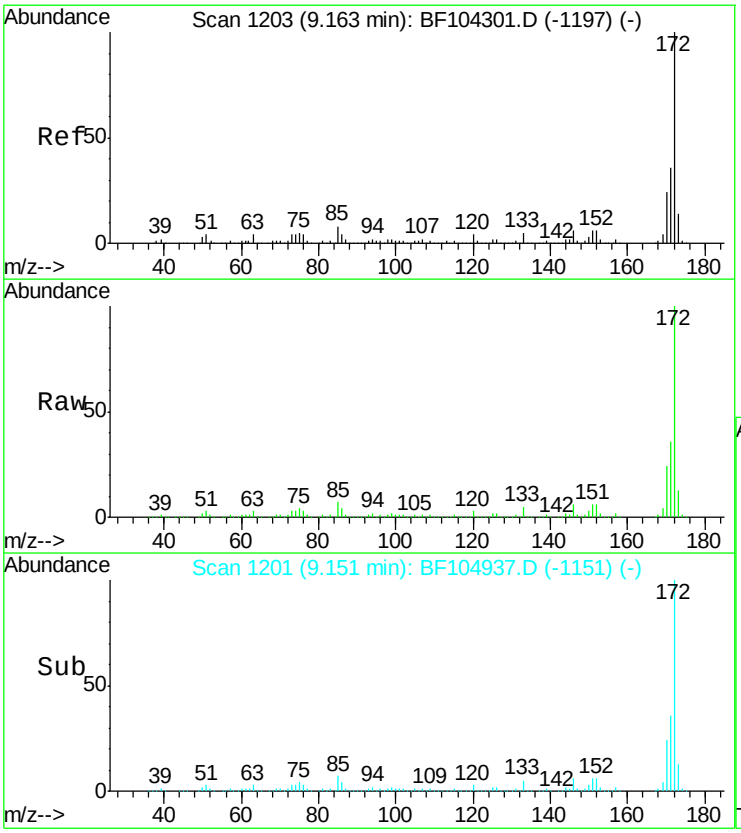
#41
2,4,6-Tribromophenol
Concen: 88.36 ng
RT: 10.62 min Scan# 1451
Delta R.T. -0.01 min
Lab File: BF104937.D
Acq: 30 Apr 2018 17:14

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:330 Resp: 206046

Ion	Ratio	Lower	Upper
330	100		
332	97.6	77.0	115.6
141	33.5	29.9	44.9

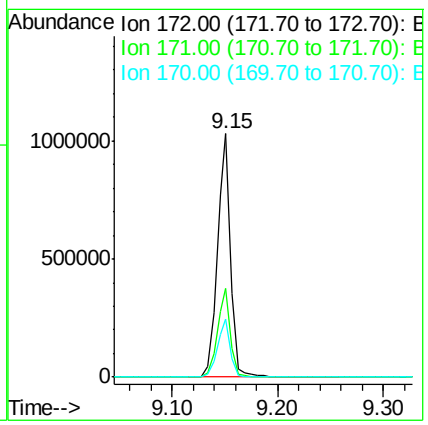


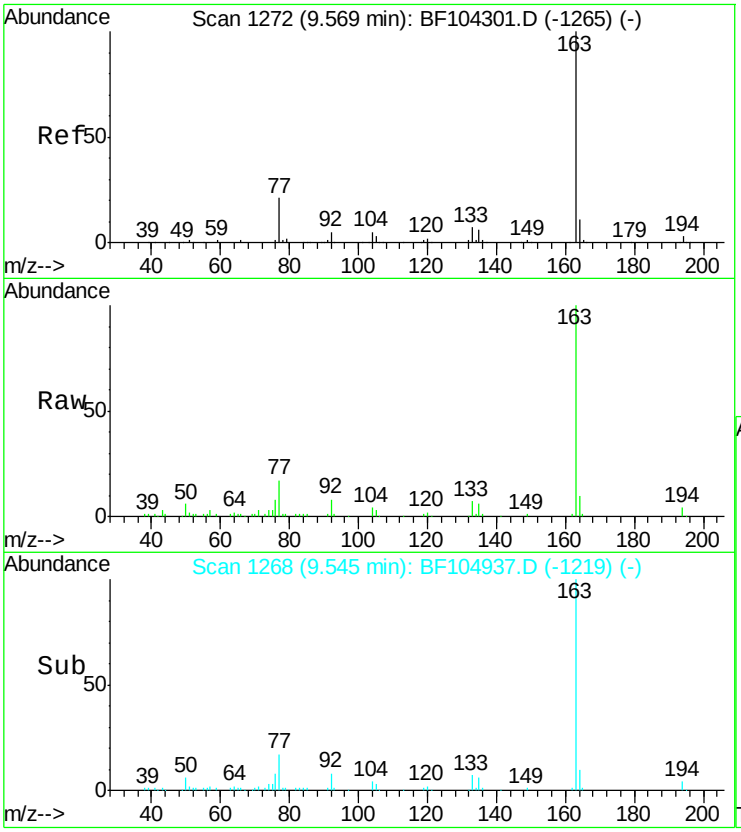


#44
2-Fluorobiphenyl
Concen: 63.96 ng
RT: 9.15 min Scan# 1201
Delta R.T. -0.01 min
Lab File: BF104937.D
Acq: 30 Apr 2018 17:14

Tgt Ion:172 Resp: 910153

Ion	Ratio	Lower	Upper
172	100		
171	36.3	29.7	44.5
170	24.0	19.6	29.4



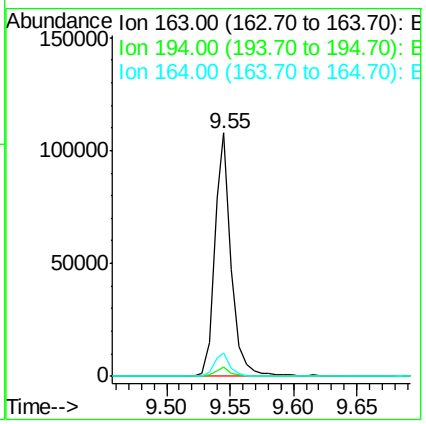


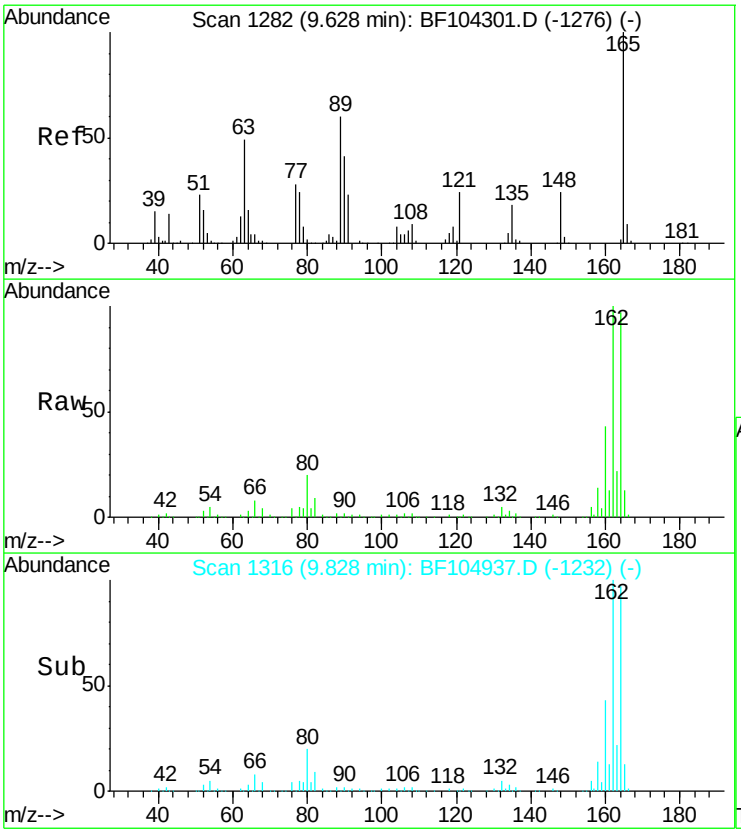
#49
Dimethylphthalate
Concen: 5.52 ng
RT: 9.55 min Scan# 1268
Delta R.T. -0.01 min
Lab File: BF104937.D
Acq: 30 Apr 2018 17:14

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:163 Resp: 97894

Ion	Ratio	Lower	Upper
163	100		
194	3.9	2.7	4.1
164	9.6	8.2	12.2

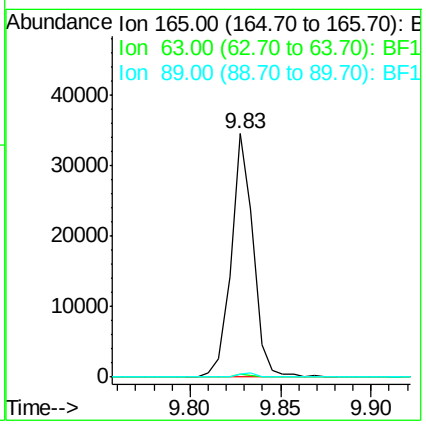


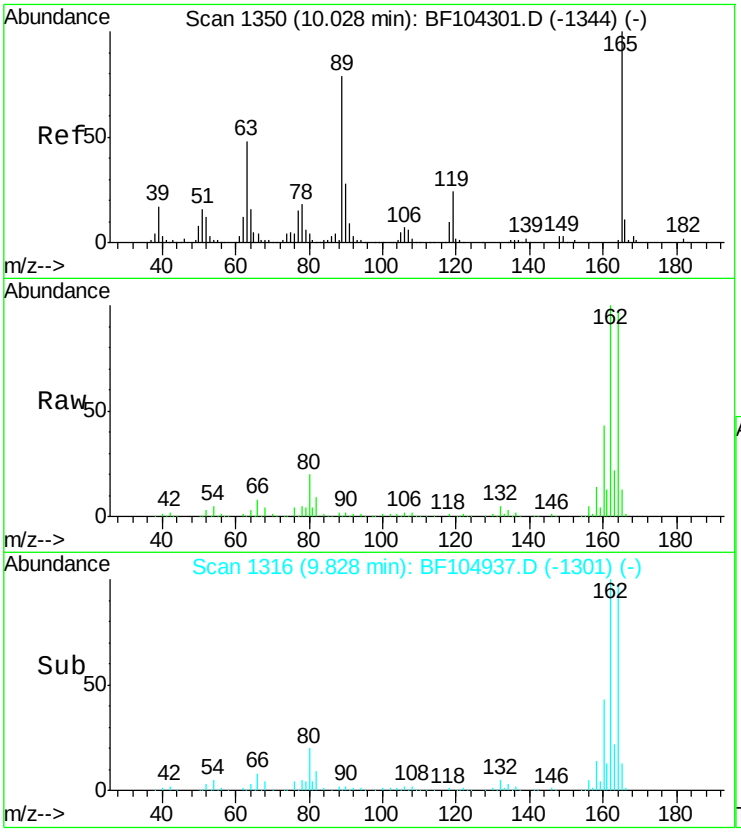


#50
2,6-Dinitrotoluene
Concen: 8.88 ng
RT: 9.83 min Scan# 1316
Delta R.T. 0.19 min
Lab File: BF104937.D
Acq: 30 Apr 2018 17:14

Tgt Ion:165 Resp: 29126

Ion	Ratio	Lower	Upper
165	100		
63	1.1	44.7	67.1#
89	1.3	44.0	66.0#



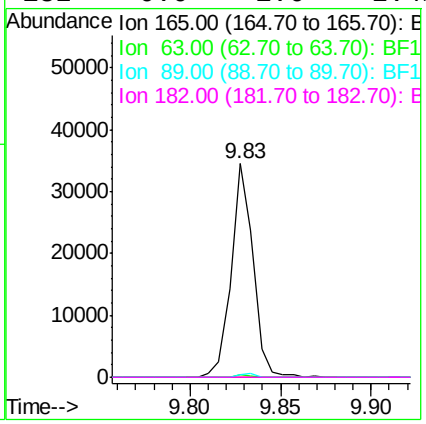


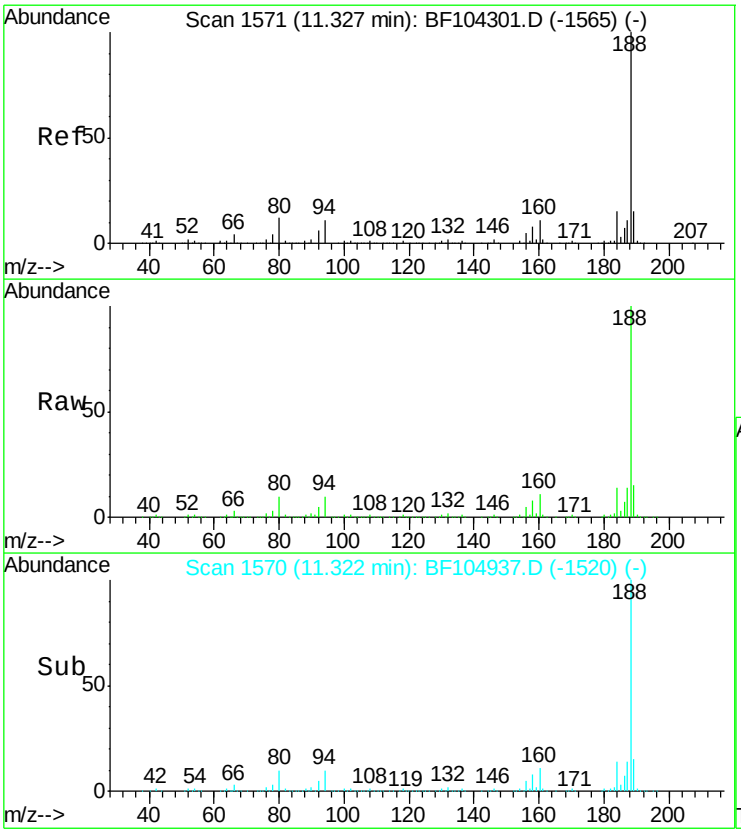
#56
2,4-Dinitrotoluene
Concen: 6.77 ng
RT: 9.83 min Scan# 1316
Delta R.T. -0.21 min
Lab File: BF104937.D
Acq: 30 Apr 2018 17:14

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:165 Resp: 29126

Ion	Ratio	Lower	Upper
165	100		
63	1.1	36.4	54.6#
89	1.3	57.8	86.6#
182	0.0	1.6	2.4#

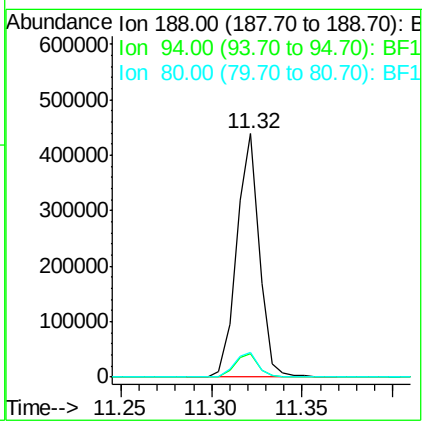


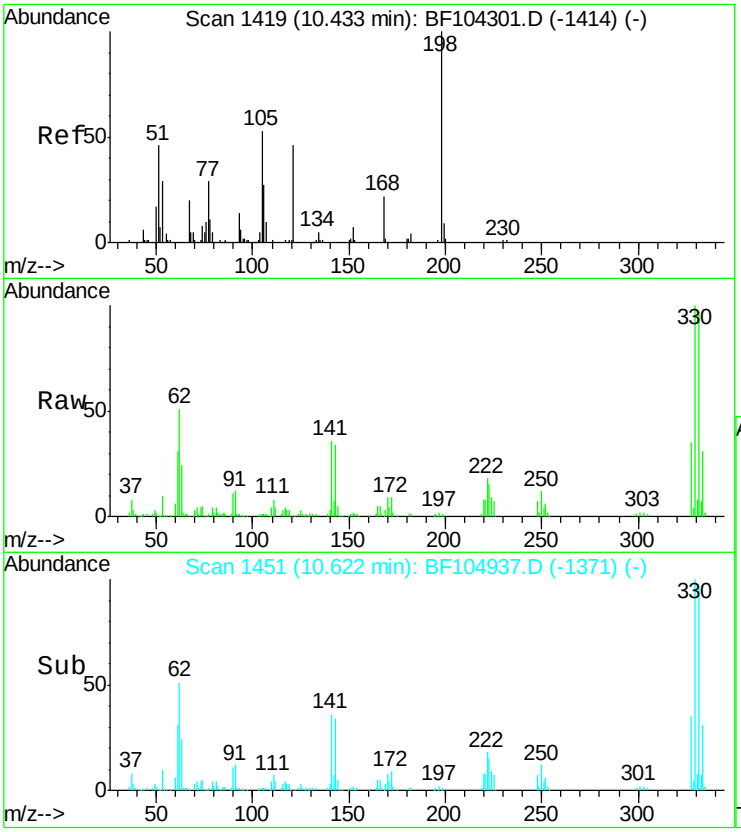


#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.32 min Scan# 1570
Delta R.T. -0.01 min
Lab File: BF104937.D
Acq: 30 Apr 2018 17:14

Tgt Ion:188 Resp: 379340

Ion	Ratio	Lower	Upper
188	100		
94	9.7	8.5	12.7
80	10.4	9.2	13.8



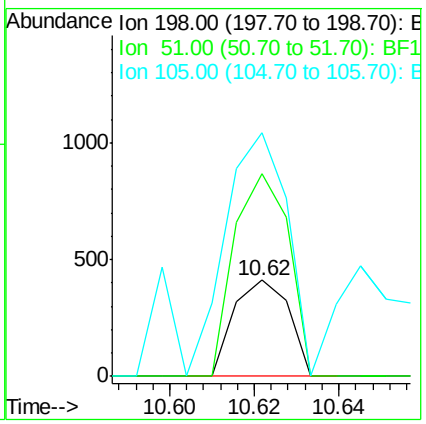


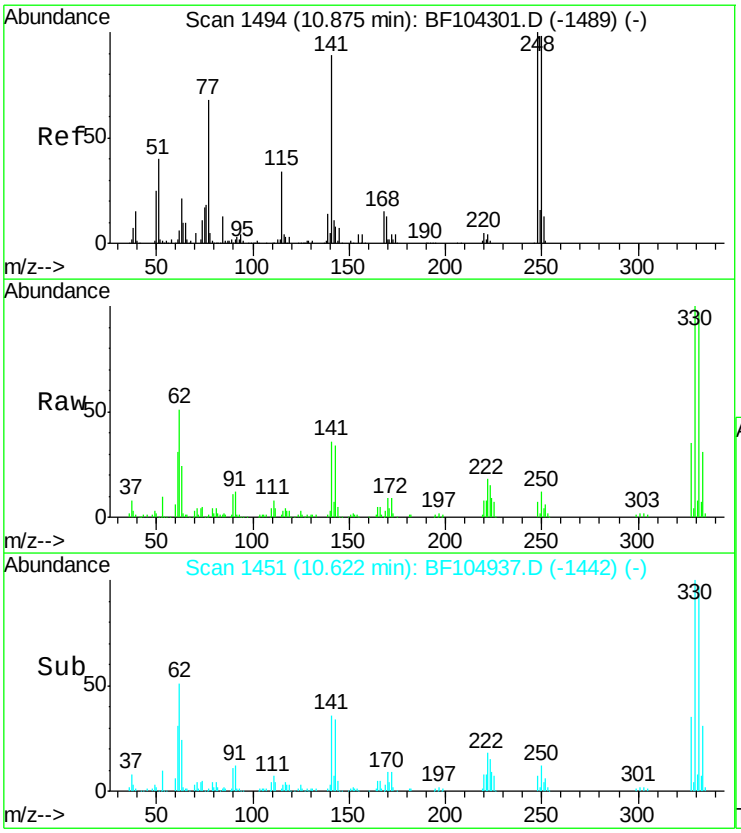
#64
4,6-Dinitro-2-methylphenol
Concen: 7.52 ng
RT: 10.62 min Scan# 1451
Delta R.T. 0.17 min
Lab File: BF104937.D
Acq: 30 Apr 2018 17:14

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:198 Resp: 373

Ion	Ratio	Lower	Upper
198	100		
51	210.0	37.7	77.7#
105	252.9	36.3	76.3#

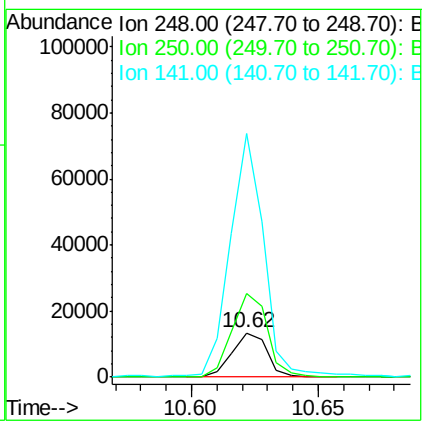


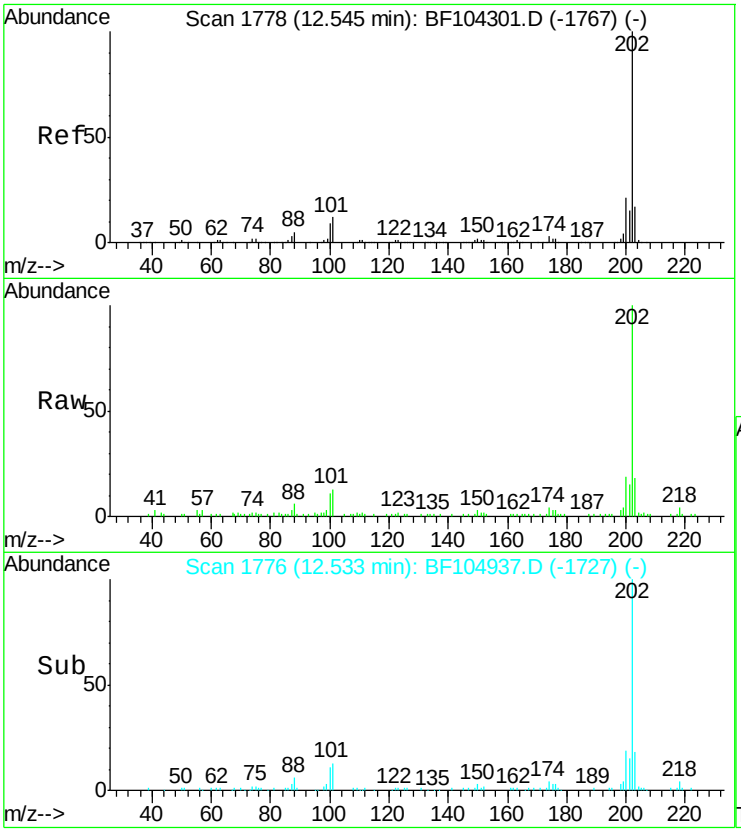


#66
4-Bromophenyl-phenylether
Concen: 3.17 ng
RT: 10.62 min Scan# 1451
Delta R.T. -0.25 min
Lab File: BF104937.D
Acq: 30 Apr 2018 17:14

Tgt Ion:248 Resp: 12788

Ion	Ratio	Lower	Upper
248	100		
250	189.3	76.9	115.3#
141	553.1	74.4	111.6#



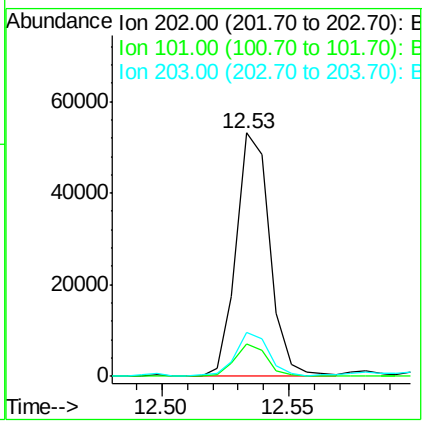


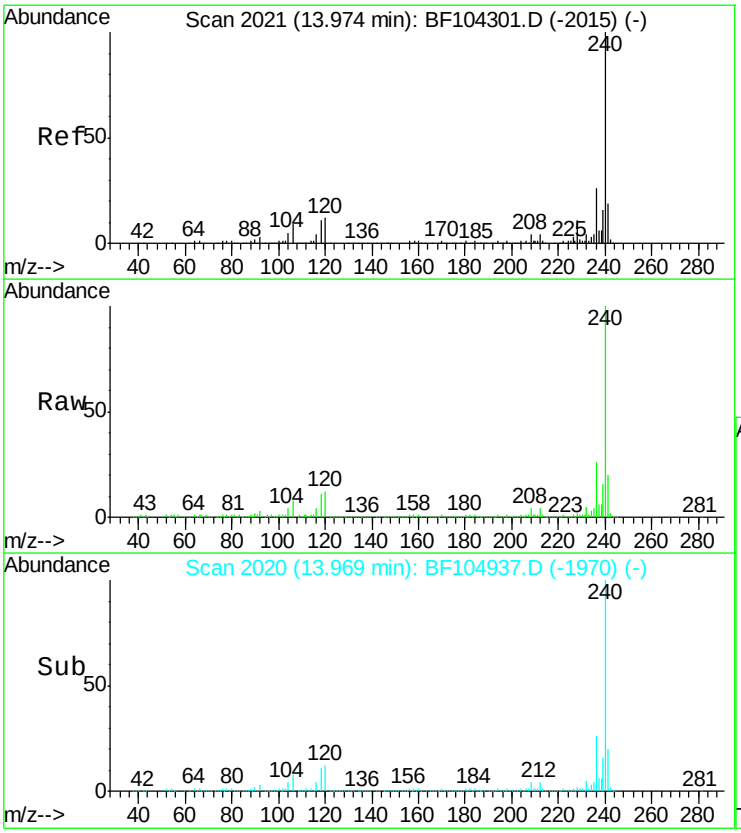
#74
Fluoranthene
Concen: 2.23 ng
RT: 12.53 min Scan# 1776
Delta R.T. -0.01 min
Lab File: BF104937.D
Acq: 30 Apr 2018 17:14

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:202 Resp: 49187

Ion	Ratio	Lower	Upper
202	100		
101	13.1	0.0	34.1
203	18.0	0.0	38.1

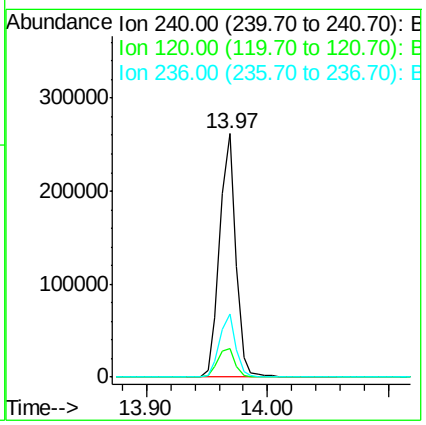


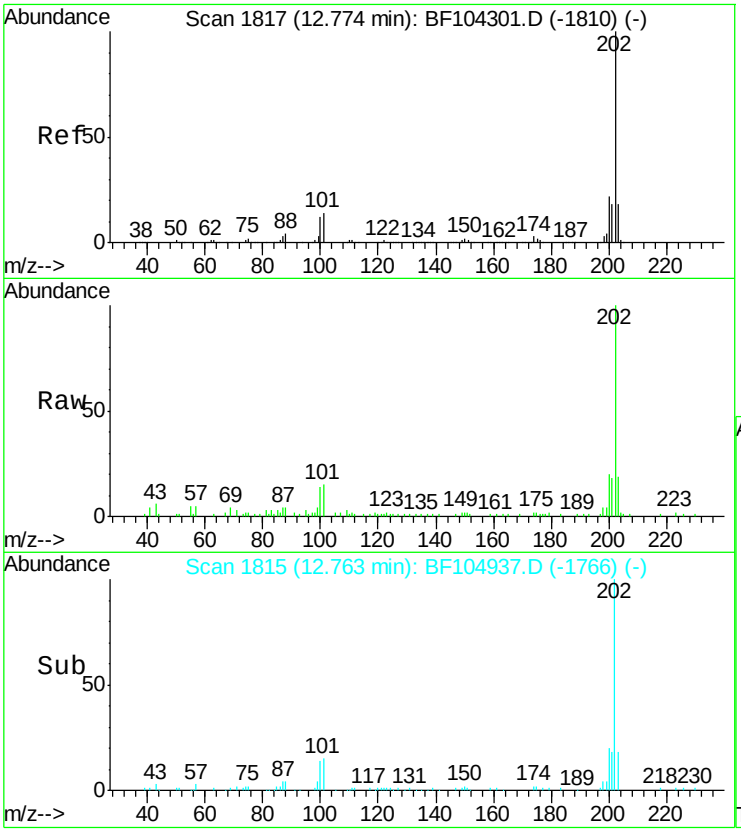


#75
Chrysene-d12
Concen: 20.00 ng
RT: 13.97 min Scan# 2020
Delta R.T. -0.01 min
Lab File: BF104937.D
Acq: 30 Apr 2018 17:14

Tgt Ion:240 Resp: 242737

Ion	Ratio	Lower	Upper
240	100		
120	11.8	9.5	14.3
236	25.7	20.7	31.1



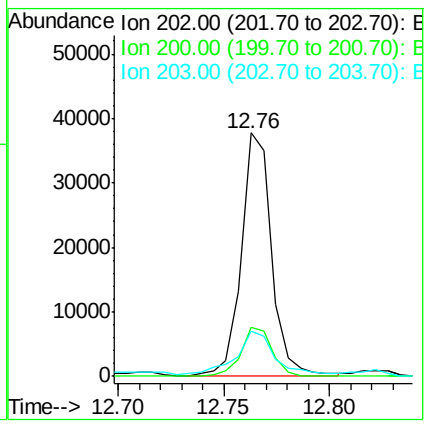


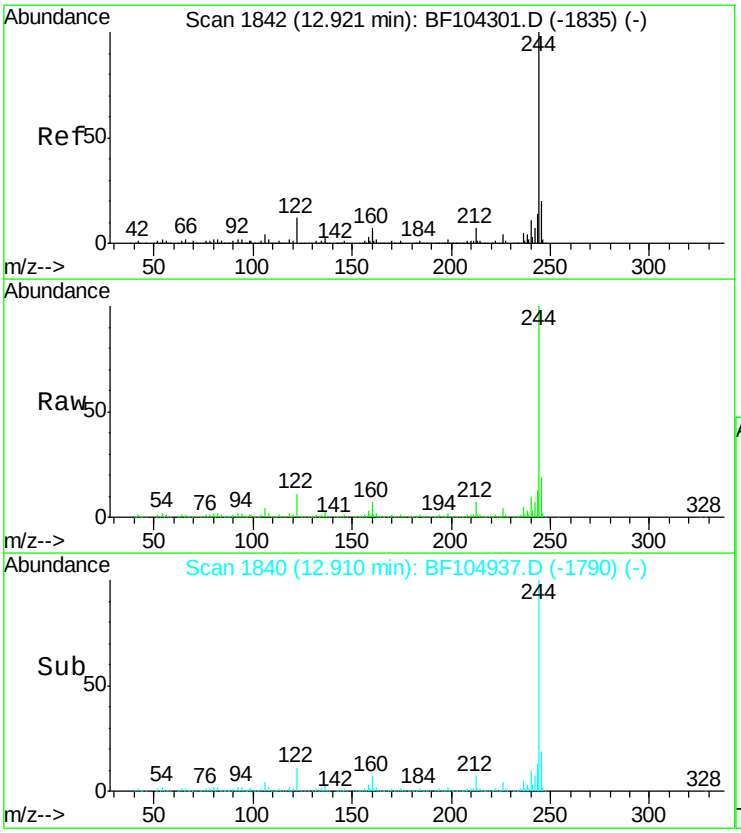
#77
Pyrene
Concen: 2.09 ng
RT: 12.76 min Scan# 1815
Delta R.T. -0.01 min
Lab File: BF104937.D
Acq: 30 Apr 2018 17:14

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:202 Resp: 37630

Ion	Ratio	Lower	Upper
202	100		
200	20.0	17.4	26.2
203	18.7	14.3	21.5

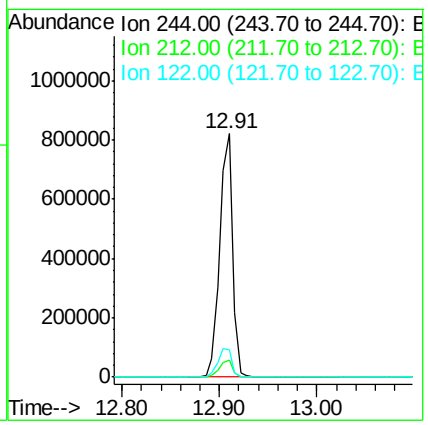


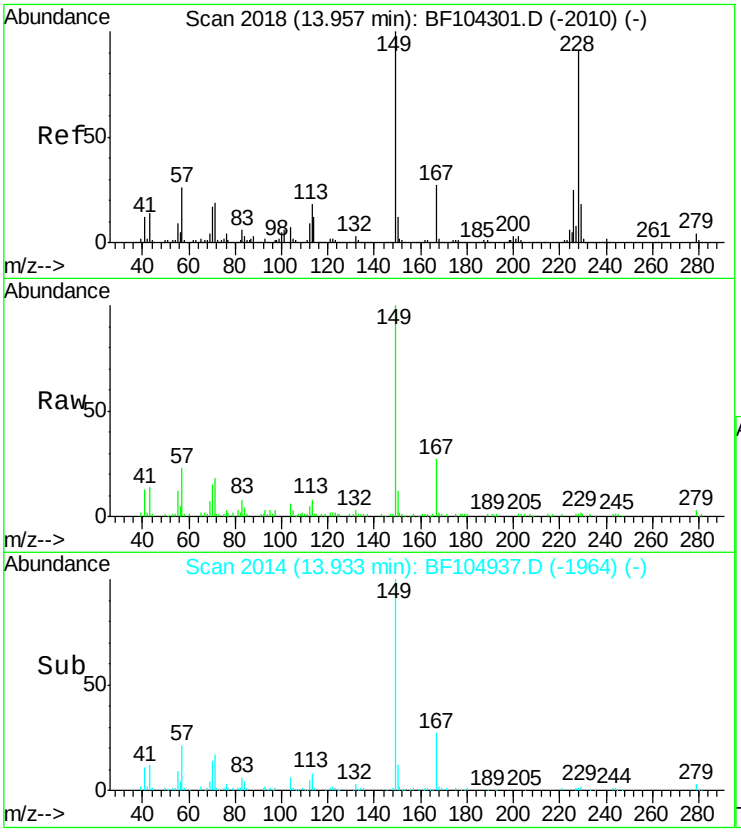


#78
Terphenyl-d14
Concen: 70.92 ng
RT: 12.91 min Scan# 1840
Delta R.T. -0.01 min
Lab File: BF104937.D
Acq: 30 Apr 2018 17:14

Tgt Ion:244 Resp: 755134

Ion	Ratio	Lower	Upper
244	100		
212	6.7	5.4	8.0
122	11.0	11.0	16.4



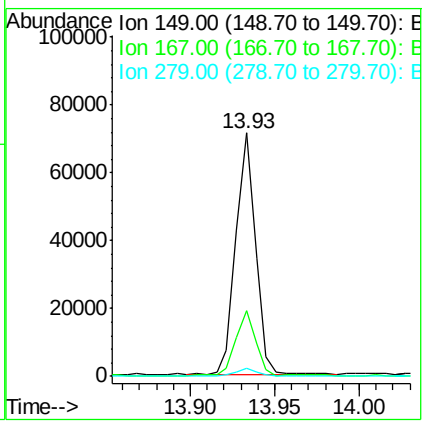


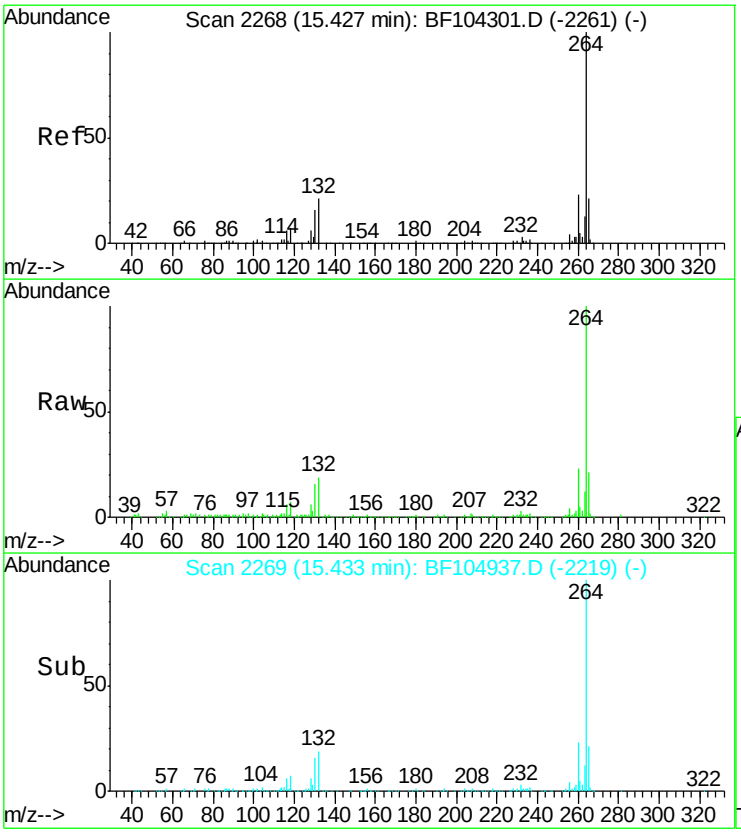
#83
Bis(2-ethylhexyl)phthalate
Concen: 5.29 ng
RT: 13.93 min Scan# 2014
Delta R.T. -0.01 min
Lab File: BF104937.D
Acq: 30 Apr 2018 17:14

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:149 Resp: 57701

Ion	Ratio	Lower	Upper
149	100		
167	26.8	21.3	31.9
279	3.4	3.0	4.4

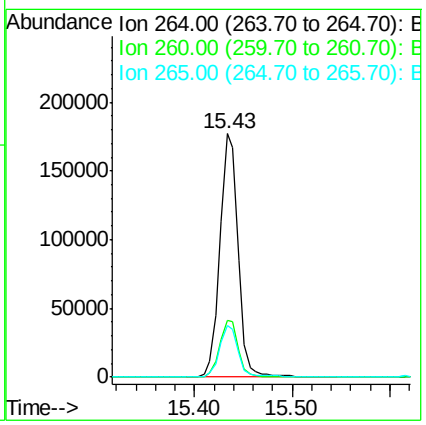


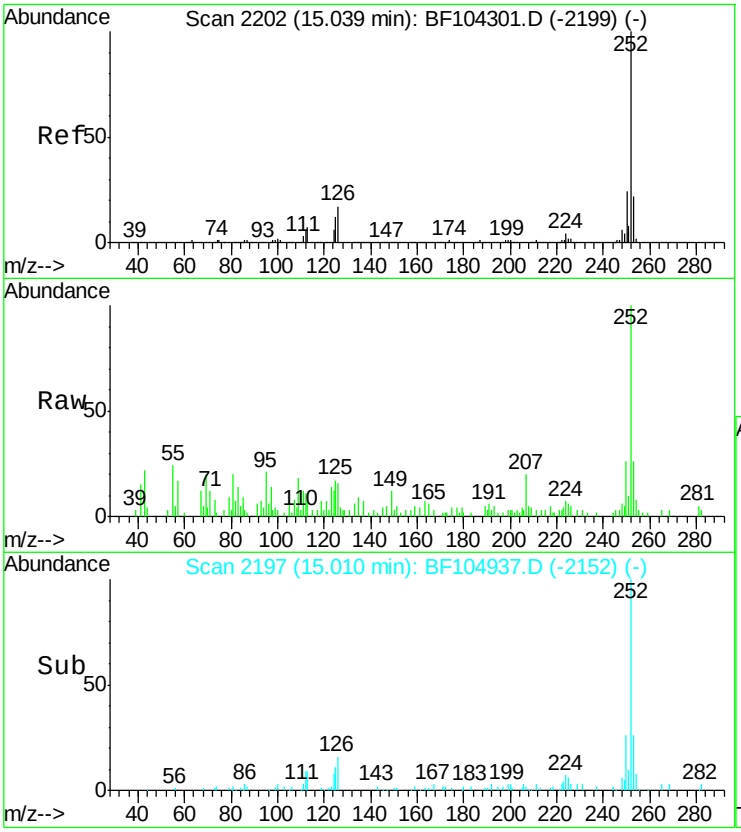


#86
Perylene-d12
Concen: 20.00 ng
RT: 15.43 min Scan# 2269
Delta R.T. -0.01 min
Lab File: BF104937.D
Acq: 30 Apr 2018 17:14

Tgt Ion:264 Resp: 228284

Ion	Ratio	Lower	Upper
264	100		
260	23.5	19.2	28.8
265	21.0	17.5	26.3





#88
Benzo(k)fluoranthene
Concen: 2.11 ng
RT: 15.01 min Scan# 2197
Delta R.T. -0.04 min
Lab File: BF104937.D
Acq: 30 Apr 2018 17:14

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:252 Resp: 28691

Ion	Ratio	Lower	Upper
252	100		
253	25.8	17.9	26.9
125	17.2	10.2	15.2#