Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF062018\
Data File : BF106628.D
Acq On : 20 Jun 2018 19:12
Operator : JU/SJ
Sample : J3529-04
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : TPTW-02

Quant Time: Jun 21 01:02:32 2018
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF061918.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Jun 19 14:32:09 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.96	152	91216	20.00	ng		0.00
21) Naphthalene-d8	8.25	136	343819	20.00	ng		0.00
38) Acenaphthene-d10	10.00	164	195444	20.00	ng		0.00
63) Phenanthrene-d10	11.50	188	398312	20.00	ng		0.00
75) Chrysene-d12	14.15	240	277697	20.00	ng		0.00
86) Perylene-d12	15.68	264	286130	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.60	112	366530	68.04	ng		0.00
7) Phenol-d6	6.60	99	319531	47.50	ng		0.00
23) Nitrobenzene-d5	7.52	82	549126	88.76	ng		0.00
41) 2,4,6-Tribromophenol	10.80	330	320683	141.57	ng		0.00
44) 2-Fluorobiphenyl	9.32	172	974713	84.29	ng		0.00
78) Terphenyl-d14	13.08	244	1094076	95.43	ng		0.00
Target Compounds							Qvalue
10) Phenol	6.61	94	49740	6.479	ng		99
18) Hexachloroethane	7.49	117	9750	3.963	ng	#	1
19) n-Nitroso-di-n-propylamine	7.52	70	73836	16.651	ng	#	75
20) 3+4-Methylphenols	7.37	107	4416	Below Cal			93
25) Isophorone	7.52	82	545298	50.018	ng	#	64
31) Naphthalene	8.28	128	3044662	189.409	ng		94
32) Benzoic acid	8.01	122	33665	14.574	ng		92
33) 4-Chloroaniline	8.28	127	462728	68.605	ng	#	35
37) 2-Methylnaphthalene	8.96	142	1018306	95.574	ng		95
45) 1,1'-Biphenyl	9.42	154	126445	8.118	ng		96
48) Acenaphthylene	9.86	152	39180	2.024	ng	#	68
49) Dimethylphthalate	9.71	163	178658	12.188	ng		97
51) Acenaphthene	10.04	154	301023	24.696	ng		98
53) 2,4-Dinitrophenol	10.07	184	106	5.414	ng	#	1
54) Dibenzofuran	10.21	168	148343	8.888	ng		94
57) Fluorene	10.55	166	360568	27.224	ng		99
59) Diethylphthalate	10.41	149	34053	2.407	ng	#	86
66) 4-Bromophenyl-phenylether	10.80	248	19870	4.180	ng	#	1
70) Phenanthrene	11.52	178	602274	31.350	ng		99
71) Anthracene	11.57	178	100672	5.134	ng		99
72) Carbazole	11.73	167	170130	9.267	ng		98
74) Fluoranthene	12.71	202	81264	3.838	ng		96
77) Pyrene	12.94	202	91975	5.023	ng		98

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

Quantitation Report (Not Reviewed)

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Misc :
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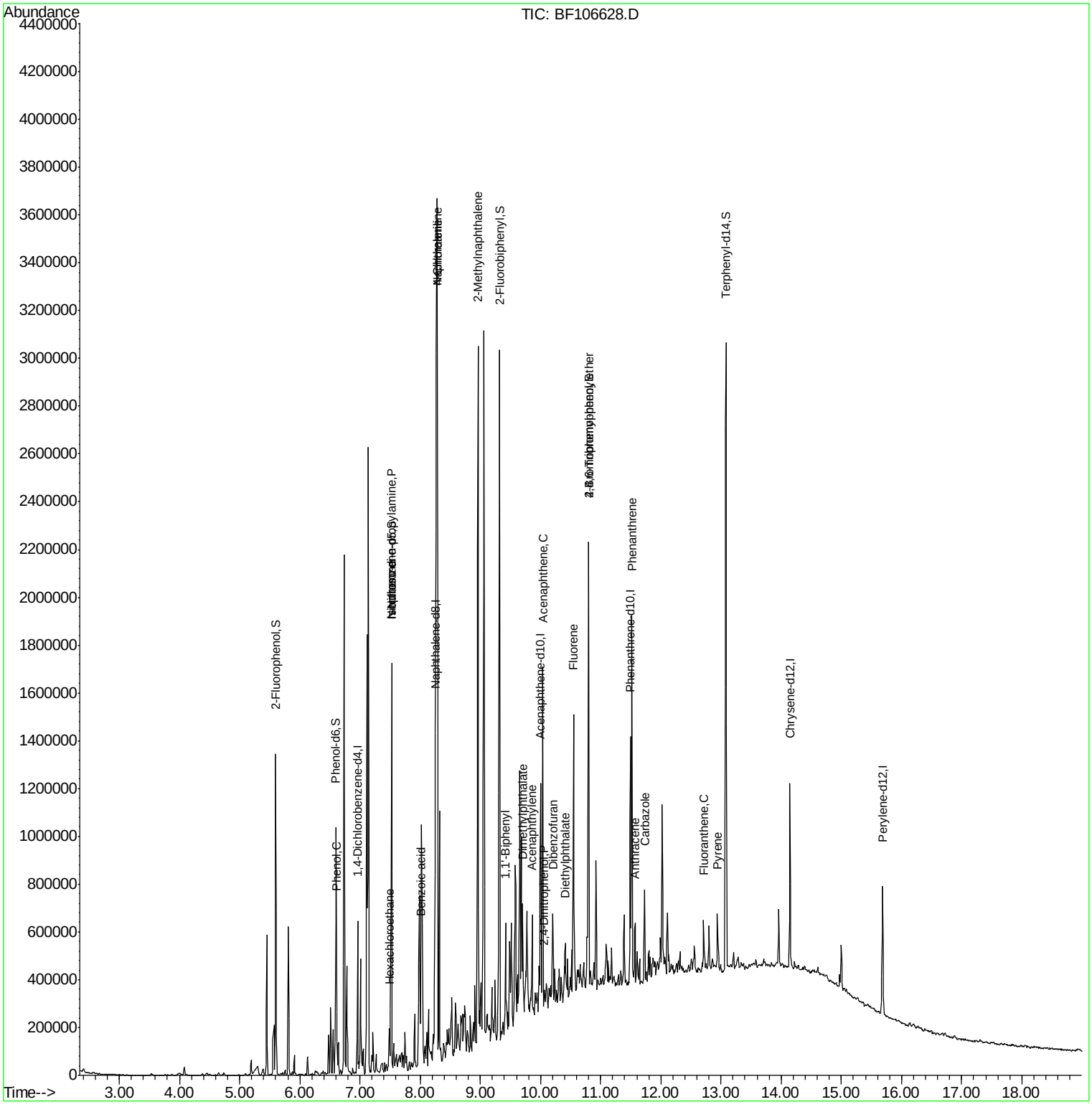
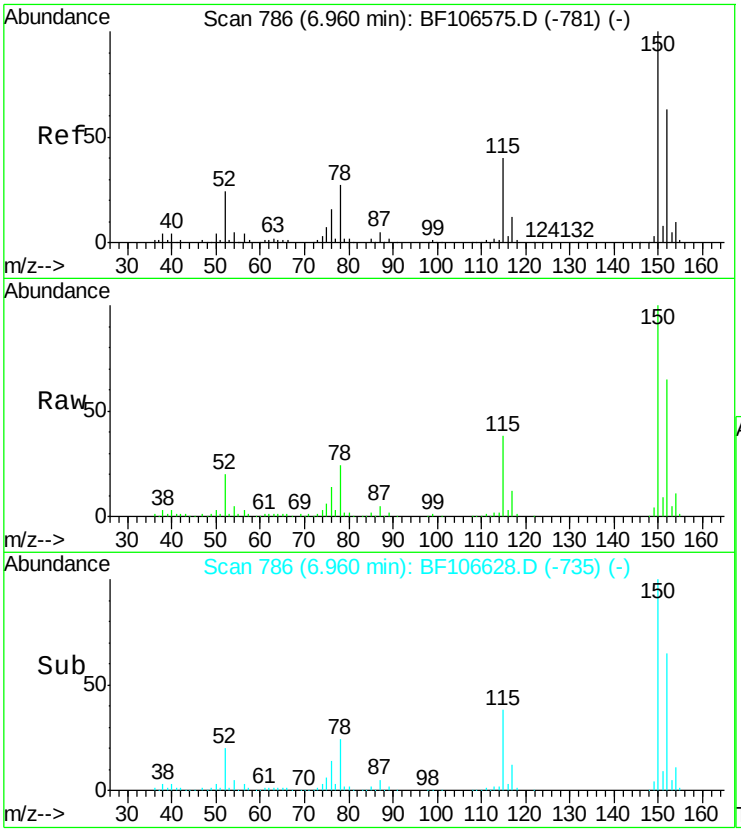


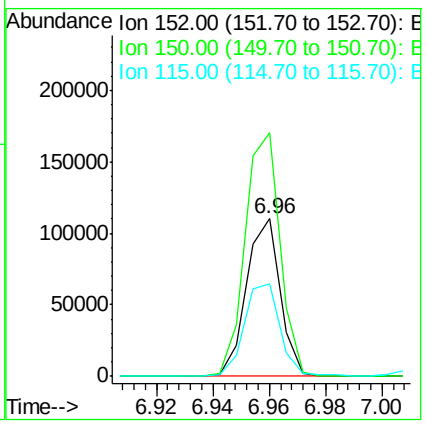


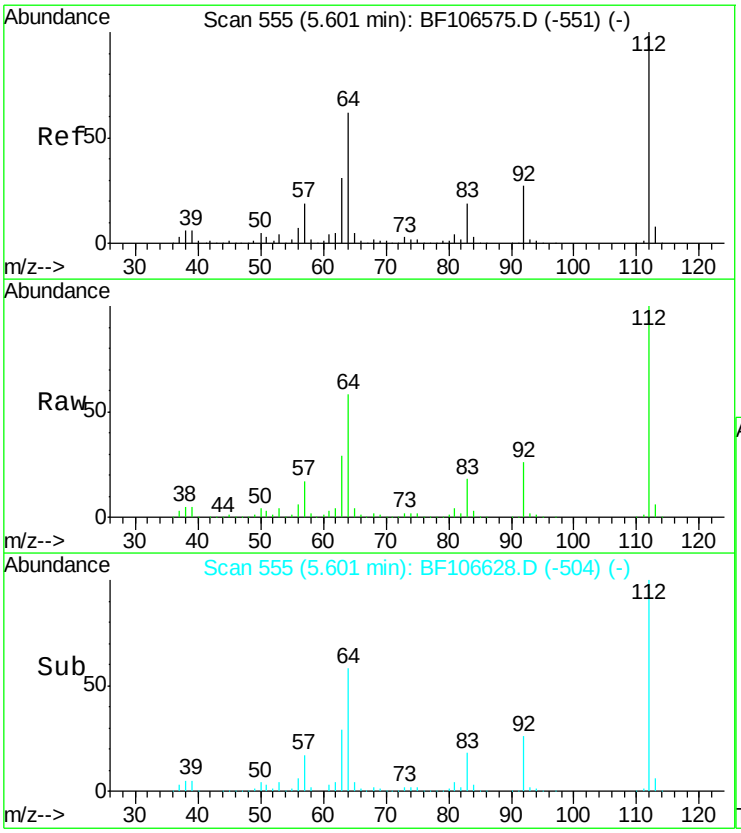
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.96 min Scan# 786
Delta R.T. 0.00 min
Lab File: BF106628.D
Acq: 20 Jun 2018 19:12

Instrument :
BNA_F
ClientSampleId :
TPTW-02

Tgt Ion:152 Resp: 91216

Ion	Ratio	Lower	Upper
152	100		
150	154.8	124.6	186.8
115	59.0	50.1	75.1

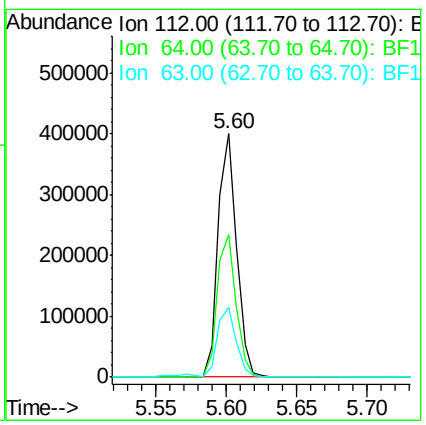


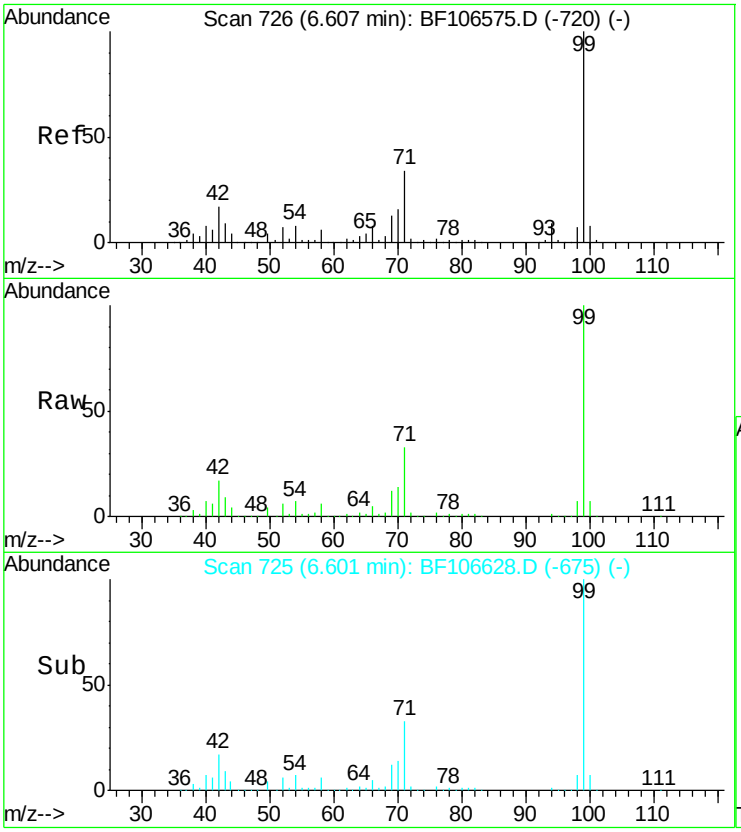


#5
2-Fluorophenol
Concen: 68.042 ng
RT: 5.60 min Scan# 555
Delta R.T. 0.00 min
Lab File: BF106628.D
Acq: 20 Jun 2018 19:12

Tgt Ion:112 Resp: 366530

Ion	Ratio	Lower	Upper
112	100		
64	58.3	47.9	71.9
63	28.7	23.7	35.5



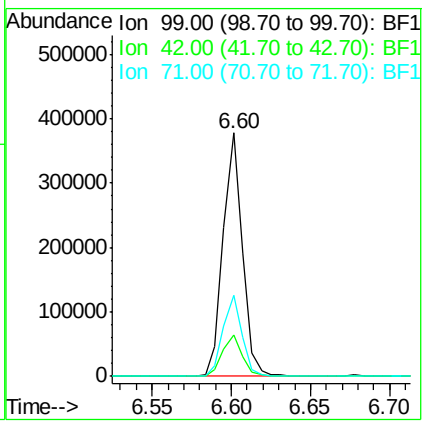


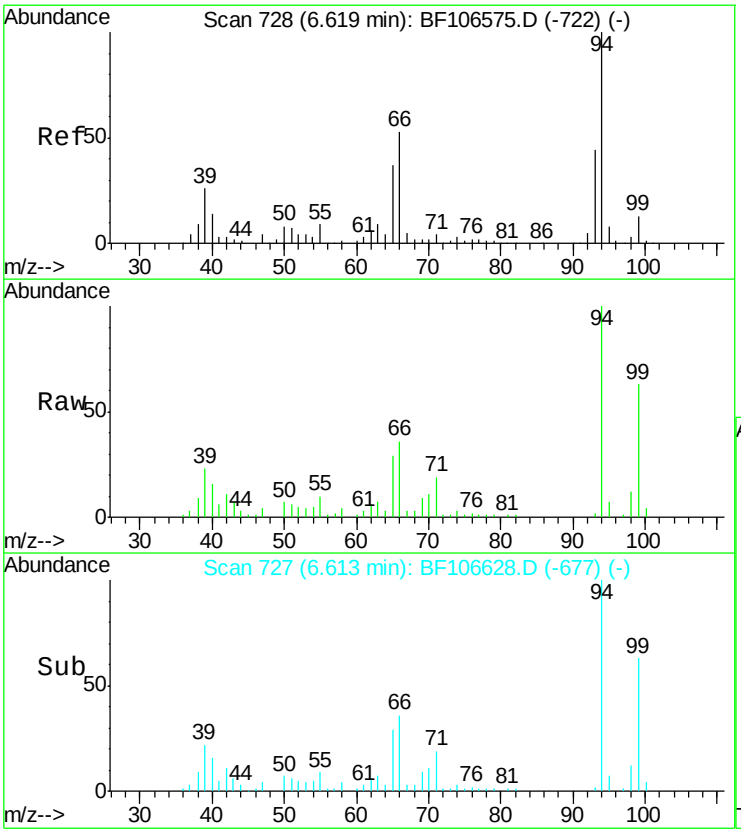
#7
Phenol-d6
Concen: 47.499 ng
RT: 6.60 min Scan# 725
Delta R.T. -0.01 min
Lab File: BF106628.D
Acq: 20 Jun 2018 19:12

Instrument :
BNA_F
ClientSampleId :
TPTW-02

Tgt Ion: 99 Resp: 319531

Ion	Ratio	Lower	Upper
99	100		
42	16.9	14.5	21.7
71	33.3	25.4	38.0

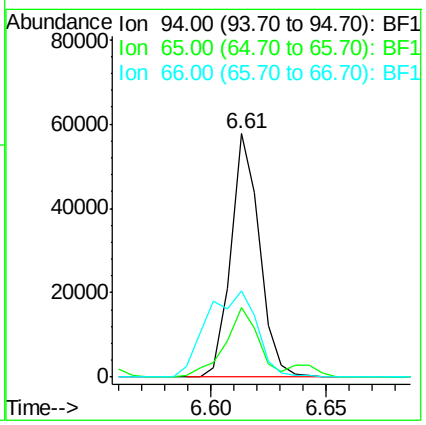


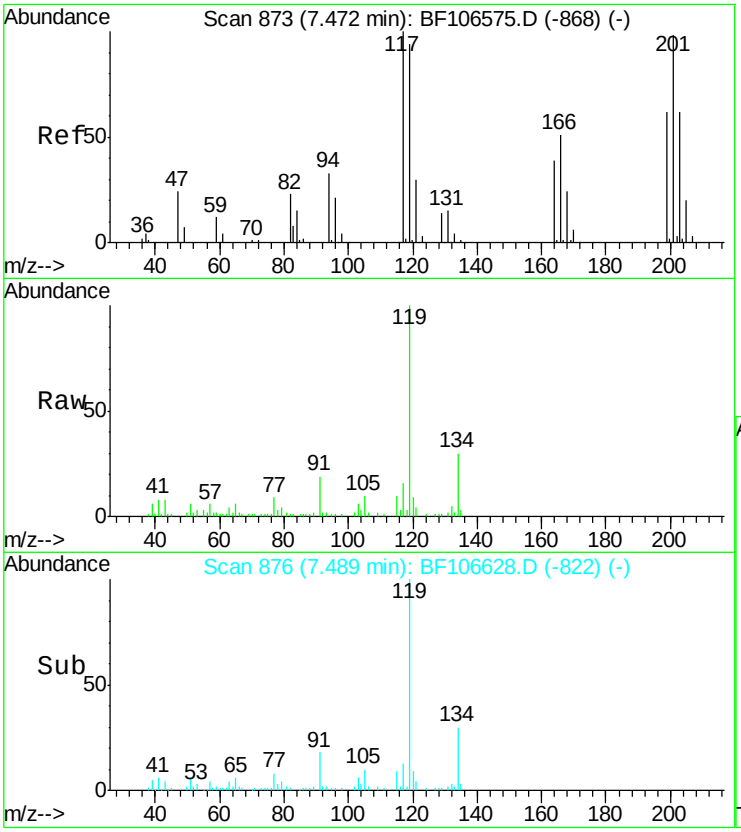


#10
Phenol
Concen: 6.479 ng
RT: 6.61 min Scan# 727
Delta R.T. -0.01 min
Lab File: BF106628.D
Acq: 20 Jun 2018 19:12

Tgt Ion: 94 Resp: 49740

Ion	Ratio	Lower	Upper
94	100		
65	28.6	7.9	47.9
66	35.6	16.2	56.2



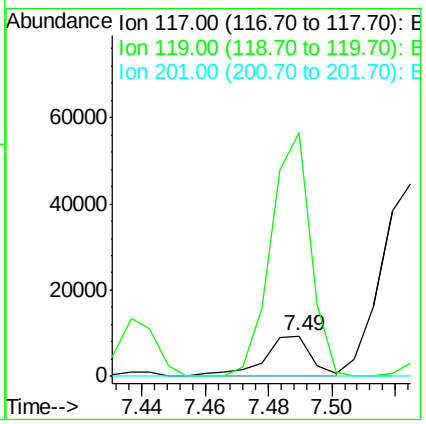


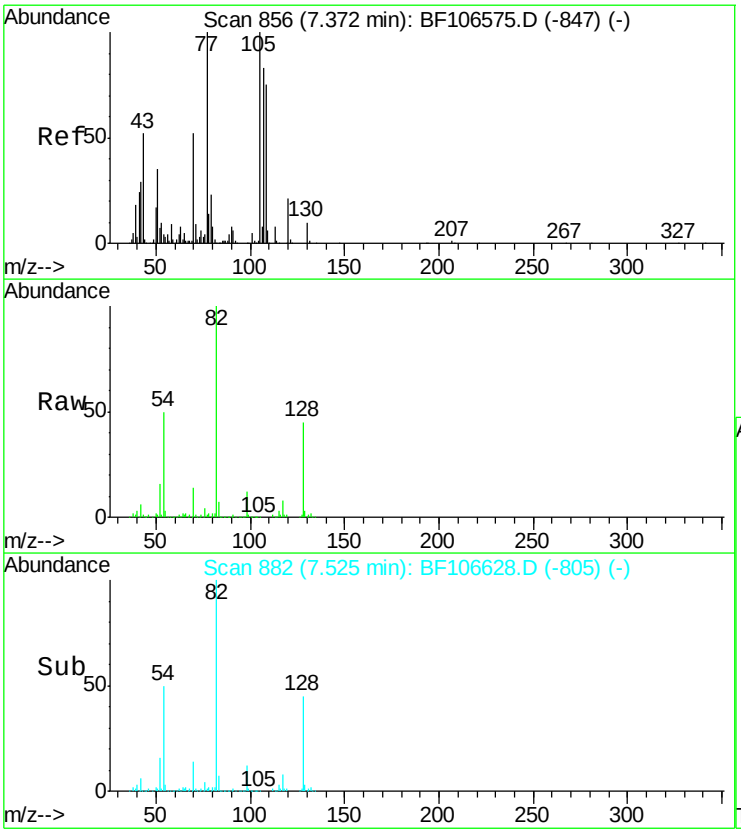
#18
Hexachloroethane
Concen: 3.963 ng
RT: 7.49 min Scan# 876
Delta R.T. 0.02 min
Lab File: BF106628.D
Acq: 20 Jun 2018 19:12

Instrument :
BNA_F
ClientSampleId :
TPTW-02

Tgt Ion:117 Resp: 9750

Ion	Ratio	Lower	Upper
117	100		
119	607.3	75.8	113.8#
201	0.0	75.7	113.5#

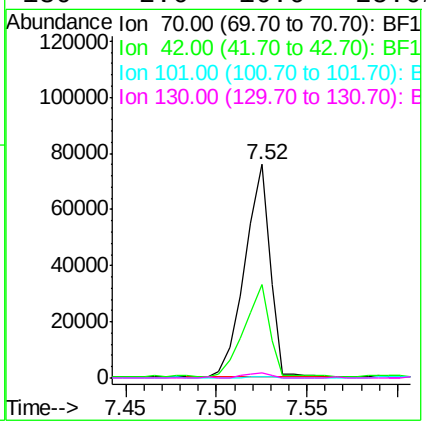


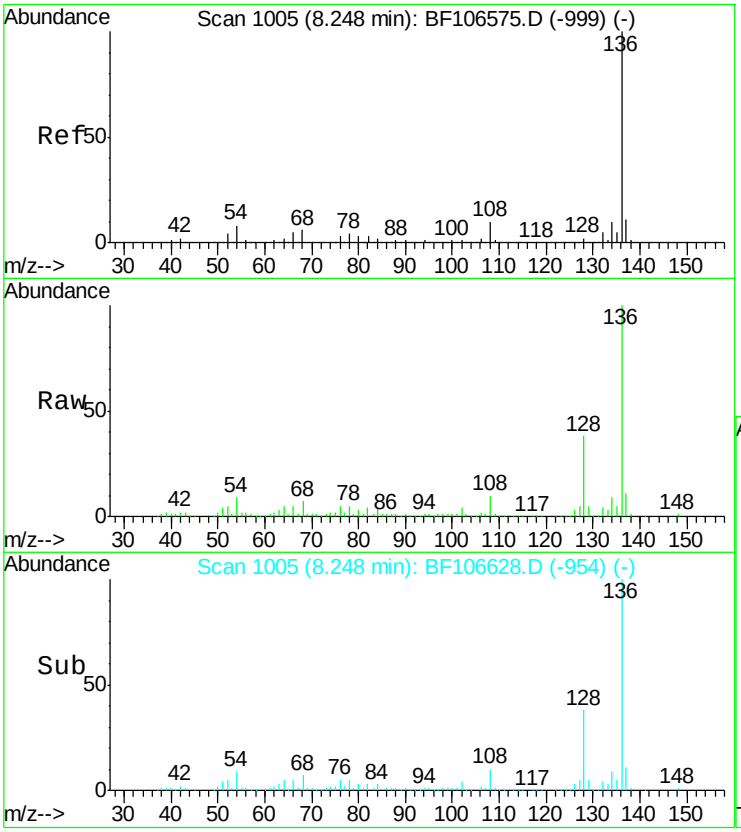


#19
n-Nitroso-di-n-propylamine
Concen: 16.651 ng
RT: 7.52 min Scan# 882
Delta R.T. 0.15 min
Lab File: BF106628.D
Acq: 20 Jun 2018 19:12

Tgt Ion: 70 Resp: 73836

Ion	Ratio	Lower	Upper
70	100		
42	43.6	47.5	71.3#
101	0.5	7.4	11.2#
130	2.6	16.6	25.0#



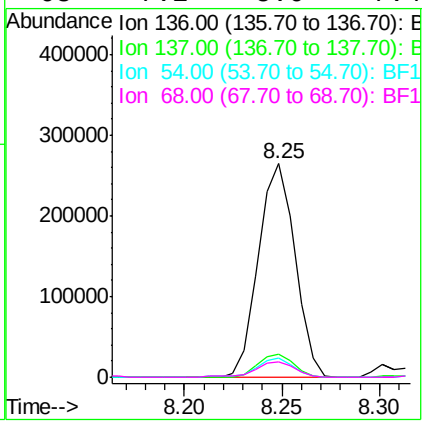


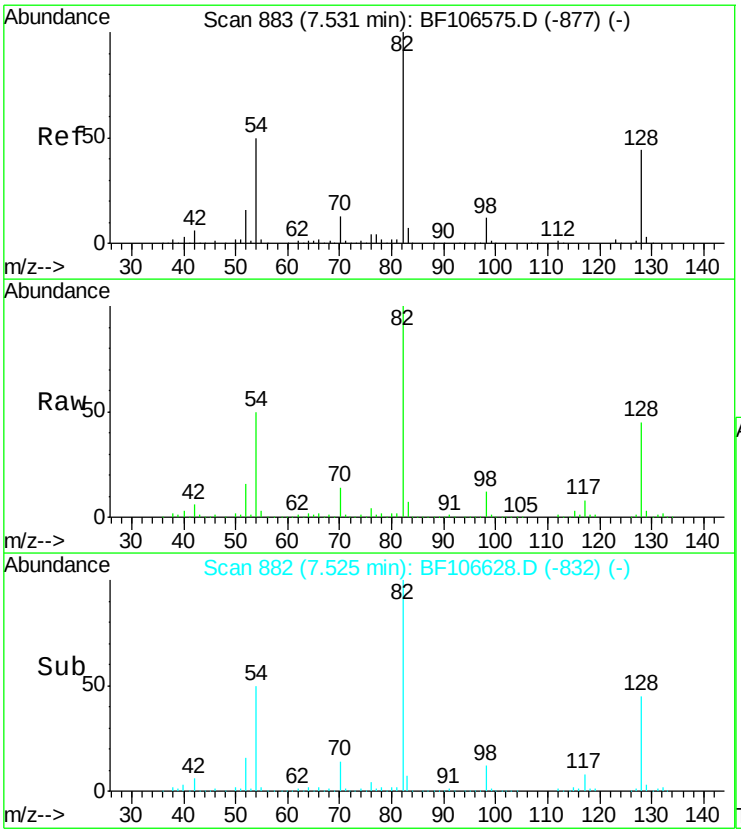
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.25 min Scan# 1005
Delta R.T. 0.00 min
Lab File: BF106628.D
Acq: 20 Jun 2018 19:12

Instrument :
BNA_F
ClientSampleId :
TPTW-02

Tgt Ion:136 Resp: 343819

Ion	Ratio	Lower	Upper
136	100		
137	11.0	8.9	13.3
54	9.0	6.6	9.8
68	7.2	5.0	7.4

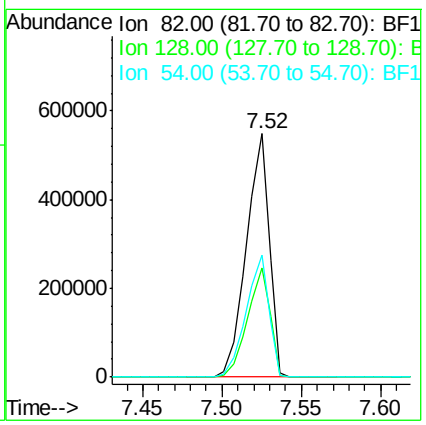


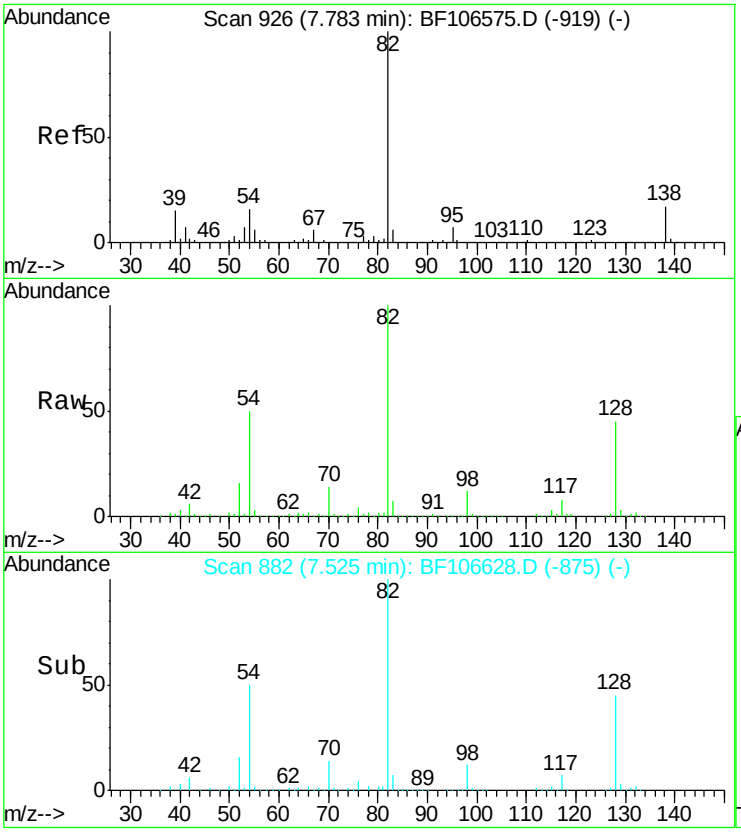


#23
Nitrobenzene-d5
Concen: 88.759 ng
RT: 7.52 min Scan# 882
Delta R.T. -0.01 min
Lab File: BF106628.D
Acq: 20 Jun 2018 19:12

Tgt Ion: 82 Resp: 549126

Ion	Ratio	Lower	Upper
82	100		
128	44.9	36.1	54.1
54	50.0	41.4	62.2



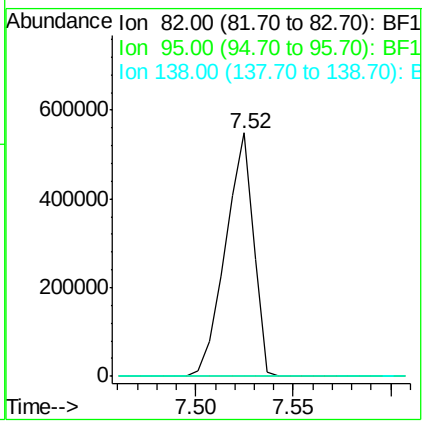


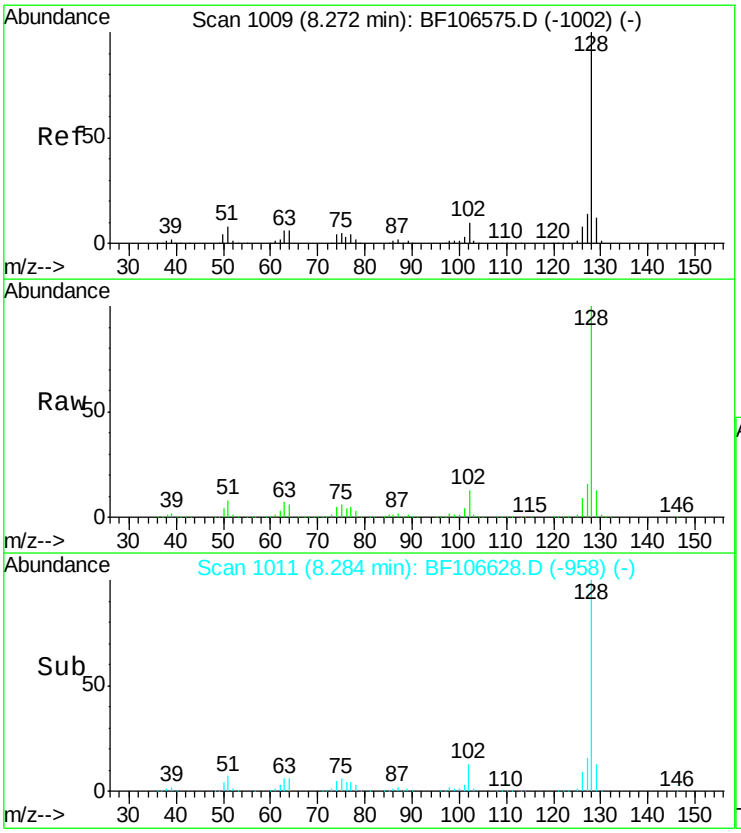
#25
Isophorone
Concen: 50.018 ng
RT: 7.52 min Scan# 882
Delta R.T. -0.26 min
Lab File: BF106628.D
Acq: 20 Jun 2018 19:12

Instrument :
BNA_F
ClientSampleId :
TPTW-02

Tgt Ion: 82 Resp: 545298

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

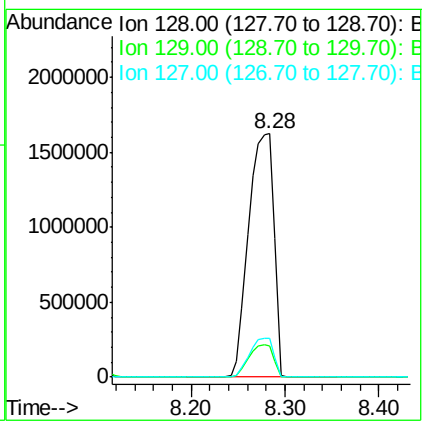


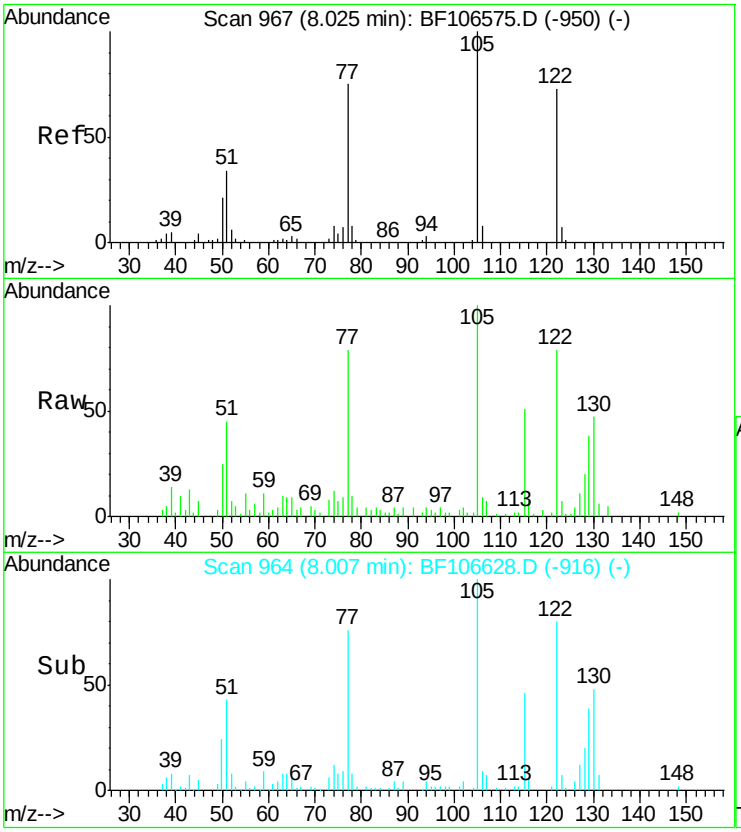


#31
Naphthalene
Concen: 189.409 ng
RT: 8.28 min Scan# 1011
Delta R.T. 0.01 min
Lab File: BF106628.D
Acq: 20 Jun 2018 19:12

Tgt Ion:128 Resp: 3044662

Ion	Ratio	Lower	Upper
128	100		
129	12.9	8.8	13.2
127	16.1	10.9	16.3



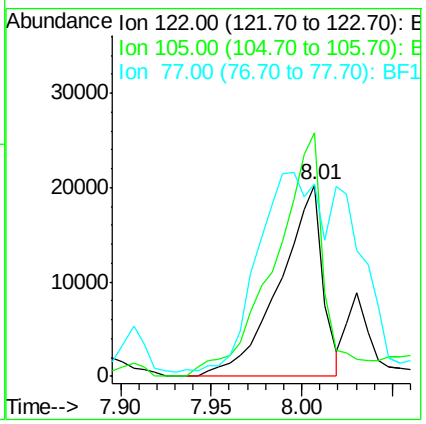


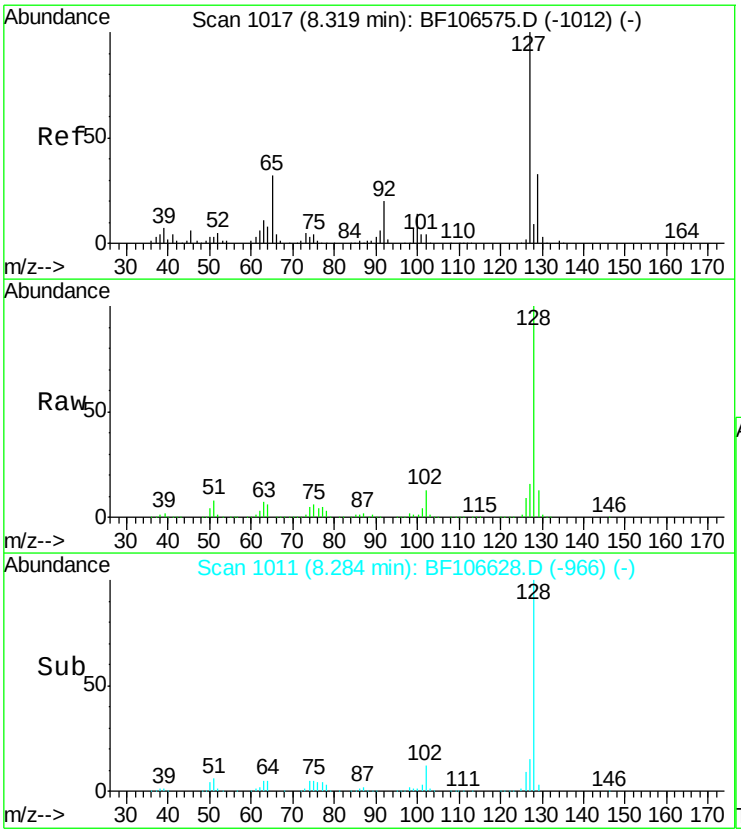
#32
Benzoic acid
Concen: 14.574 ng
RT: 8.01 min Scan# 964
Delta R.T. -0.02 min
Lab File: BF106628.D
Acq: 20 Jun 2018 19:12

Instrument :
BNA_F
ClientSampleId :
TPTW-02

Tgt Ion:122 Resp: 33665

Ion	Ratio	Lower	Upper
122	100		
105	127.1	101.1	141.1
77	100.8	70.7	110.7

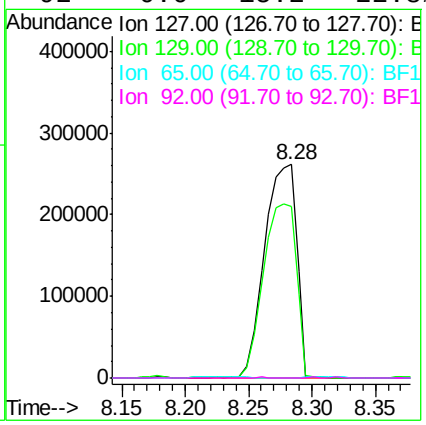


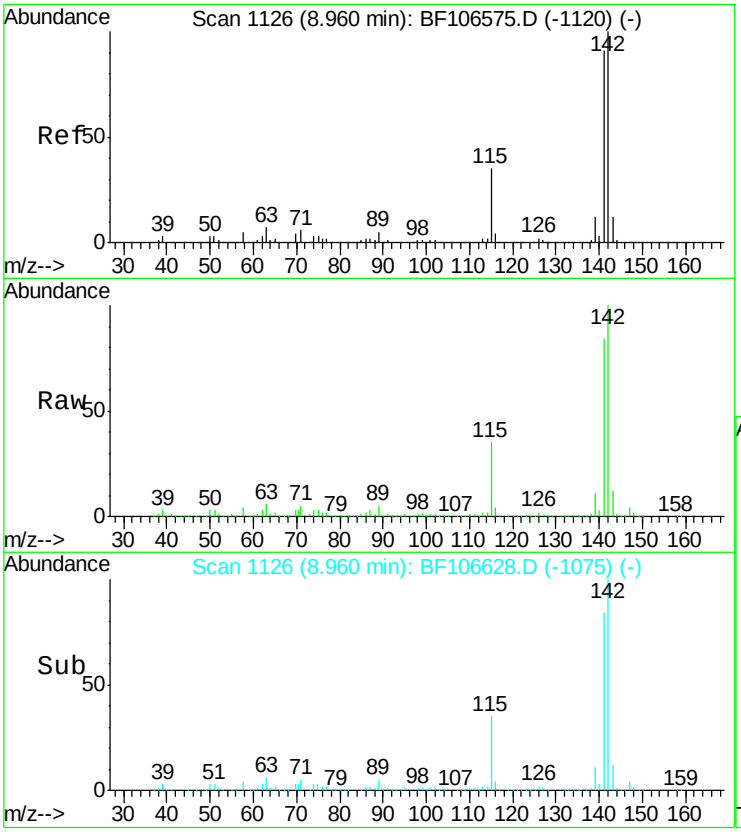


#33
4-Chloroaniline
Concen: 68.605 ng
RT: 8.28 min Scan# 1011
Delta R.T. -0.04 min
Lab File: BF106628.D
Acq: 20 Jun 2018 19:12

Tgt Ion:127 Resp: 462728

Ion	Ratio	Lower	Upper
127	100		
129	80.4	25.9	38.9#
65	0.0	25.0	37.4#
92	0.0	15.2	22.8#



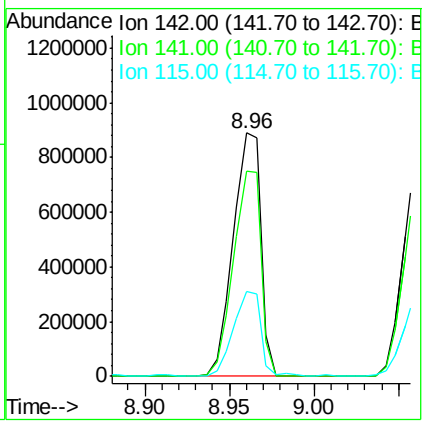


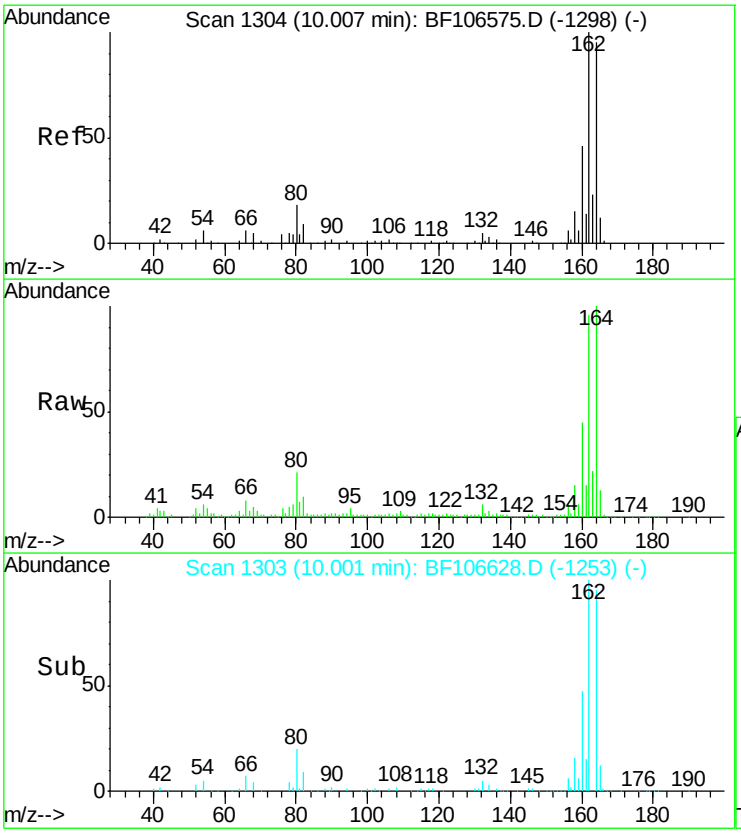
#37
2-Methylnaphthalene
Concen: 95.574 ng
RT: 8.96 min Scan# 1126
Delta R.T. 0.00 min
Lab File: BF106628.D
Acq: 20 Jun 2018 19:12

Instrument :
BNA_F
ClientSampleId :
TPTW-02

Tgt Ion:142 Resp: 1018306

Ion	Ratio	Lower	Upper
142	100		
141	84.2	70.8	106.2
115	35.1	26.1	39.1

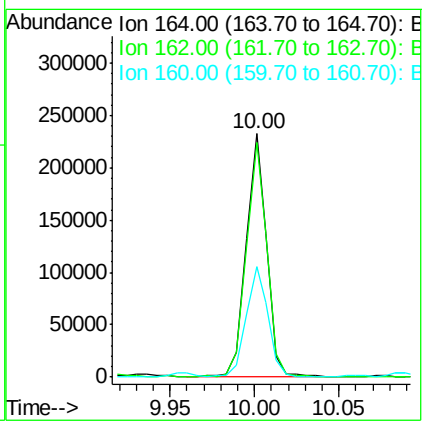


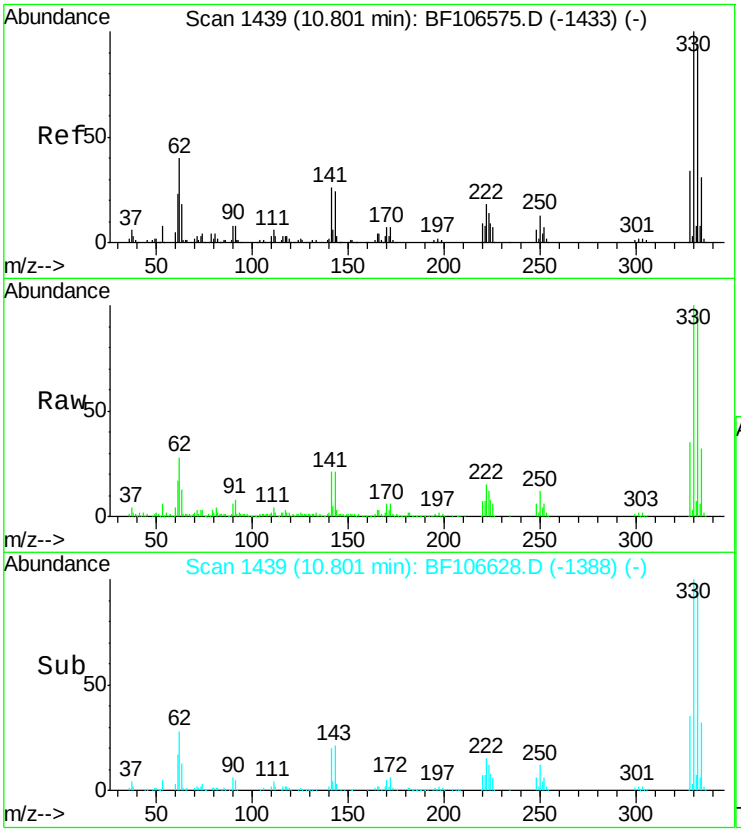


#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 10.00 min Scan# 1303
Delta R.T. -0.01 min
Lab File: BF106628.D
Acq: 20 Jun 2018 19:12

Tgt Ion:164 Resp: 195444

Ion	Ratio	Lower	Upper
164	100		
162	96.2	86.1	129.1
160	45.4	38.3	57.5



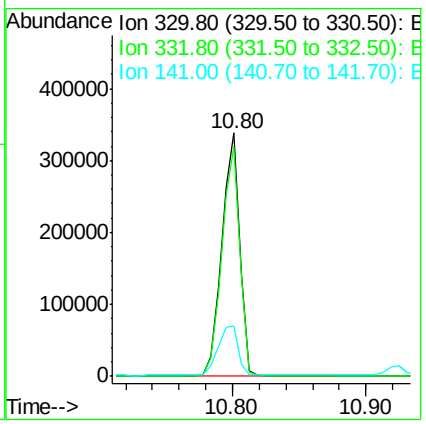


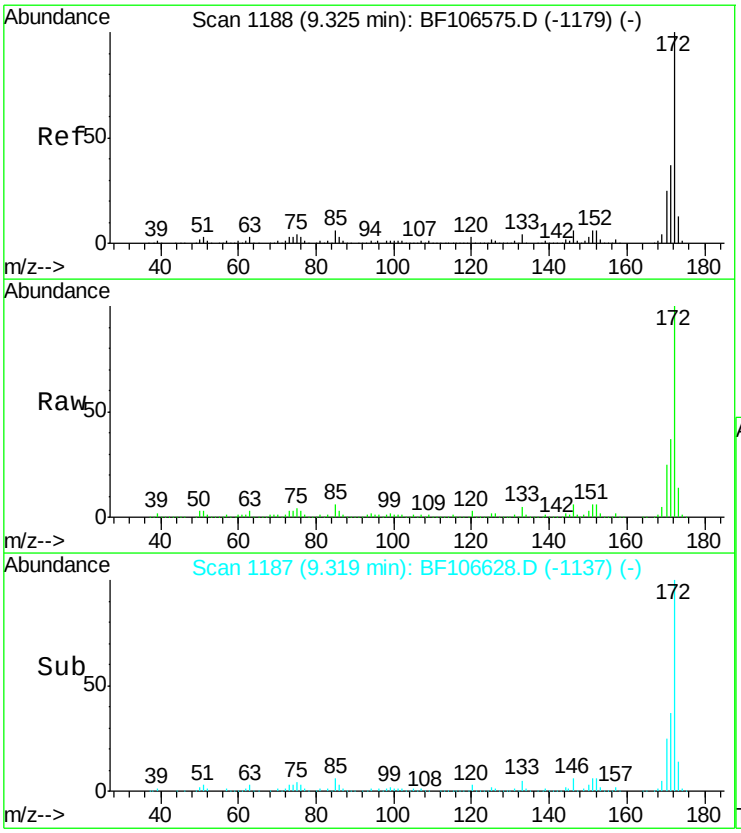
#41
2,4,6-Tribromophenol
Concen: 141.566 ng
RT: 10.80 min Scan# 1439
Delta R.T. 0.00 min
Lab File: BF106628.D
Acq: 20 Jun 2018 19:12

Instrument :
BNA_F
ClientSampleId :
TPTW-02

Tgt Ion:330 Resp: 320683

Ion	Ratio	Lower	Upper
330	100		
332	95.5	77.0	115.6
141	23.0	29.9	44.9#

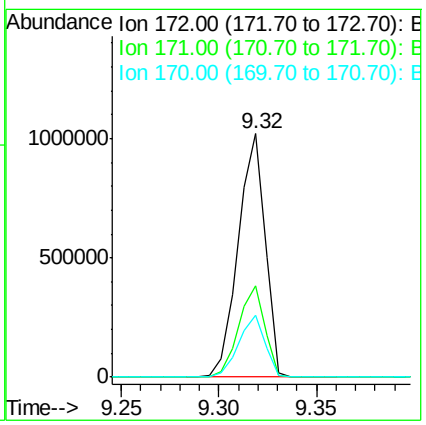


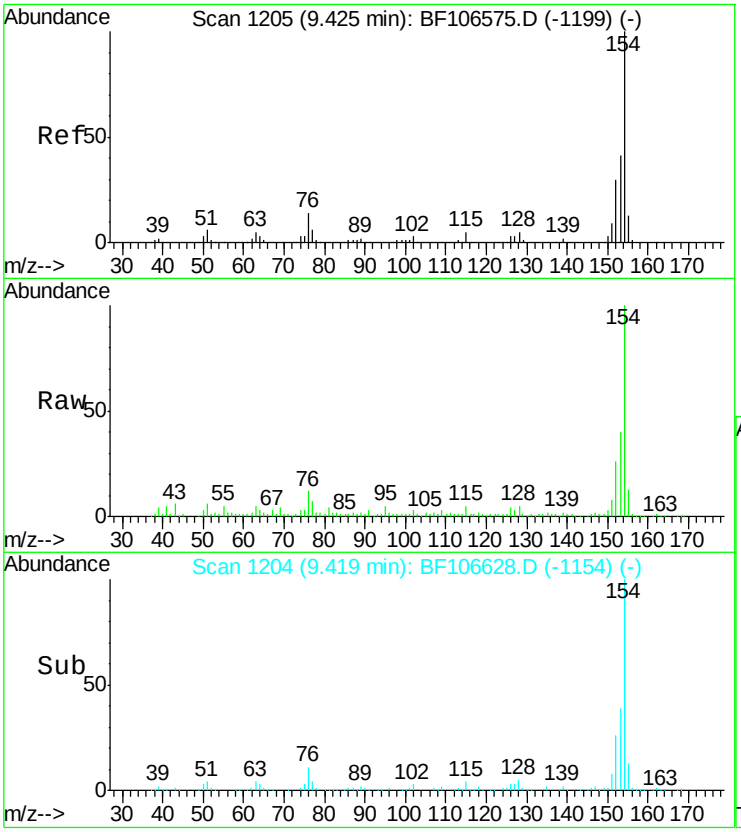


#44
2-Fluorobiphenyl
Concen: 84.291 ng
RT: 9.32 min Scan# 1187
Delta R.T. -0.01 min
Lab File: BF106628.D
Acq: 20 Jun 2018 19:12

Tgt Ion:172 Resp: 974713

Ion	Ratio	Lower	Upper
172	100		
171	37.5	29.7	44.5
170	25.3	19.6	29.4



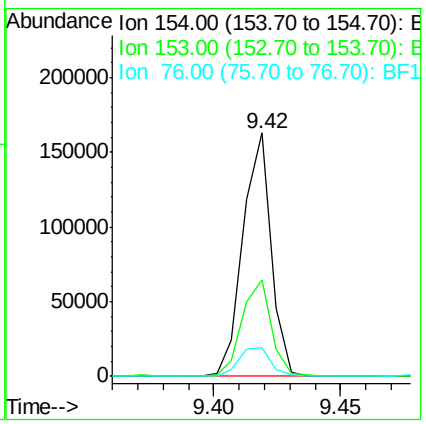


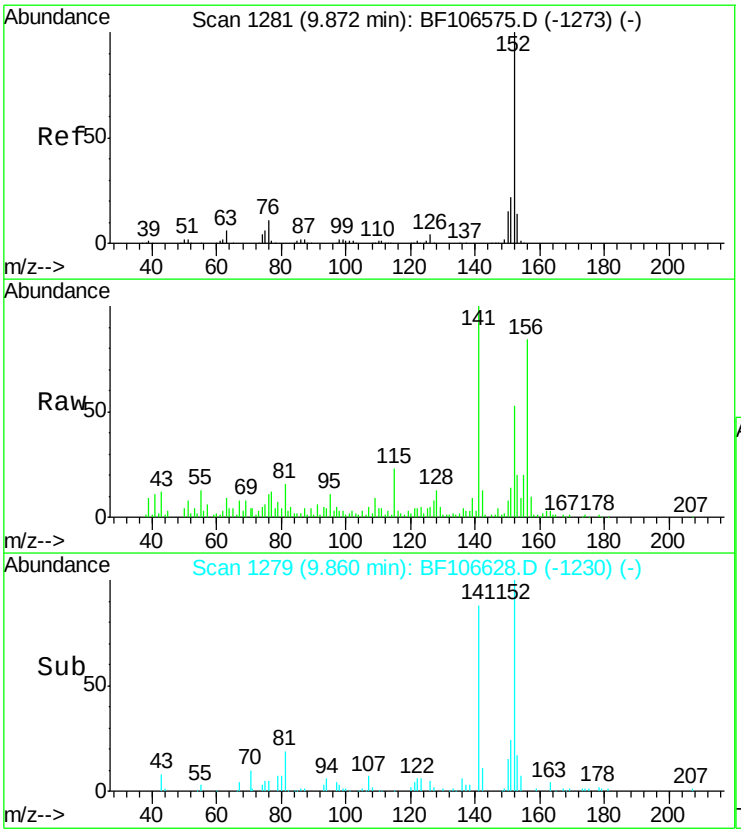
#45
1,1'-Biphenyl
Concen: 8.118 ng
RT: 9.42 min Scan# 1204
Delta R.T. -0.01 min
Lab File: BF106628.D
Acq: 20 Jun 2018 19:12

Instrument :
BNA_F
ClientSampleId :
TPTW-02

Tgt Ion:154 Resp: 126445

Ion	Ratio	Lower	Upper
154	100		
153	39.6	21.3	61.3
76	11.5	0.0	34.0

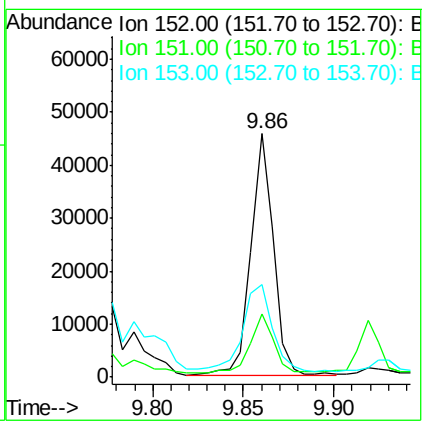


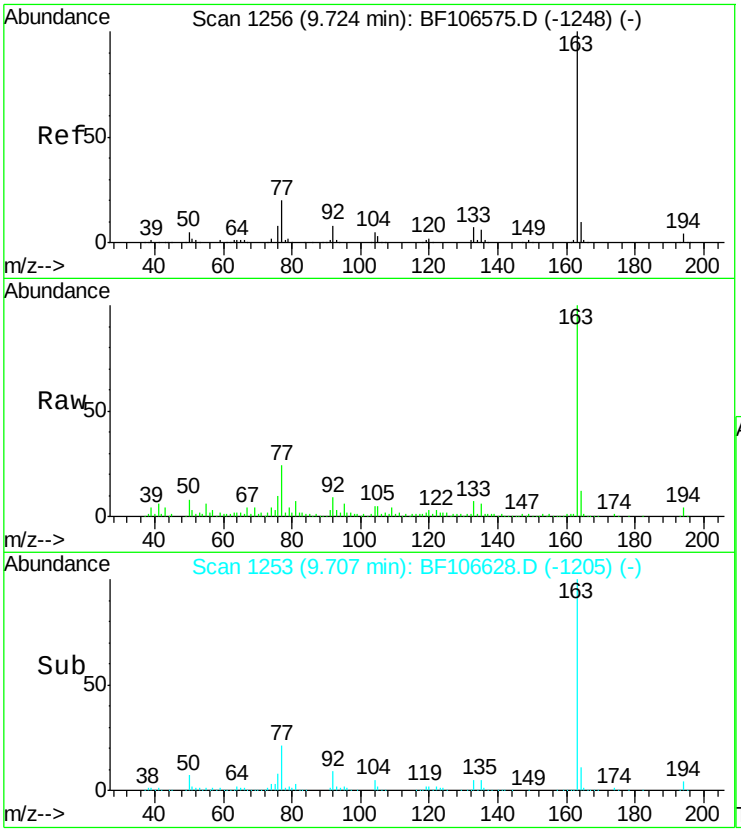


#48
Acenaphthylene
Concen: 2.024 ng
RT: 9.86 min Scan# 1279
Delta R.T. -0.01 min
Lab File: BF106628.D
Acq: 20 Jun 2018 19:12

Tgt Ion:152 Resp: 39180

Ion	Ratio	Lower	Upper
152	100		
151	26.0	16.3	24.5#
153	38.1	10.7	16.1#



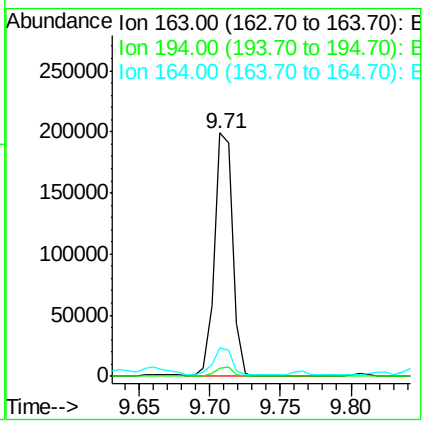


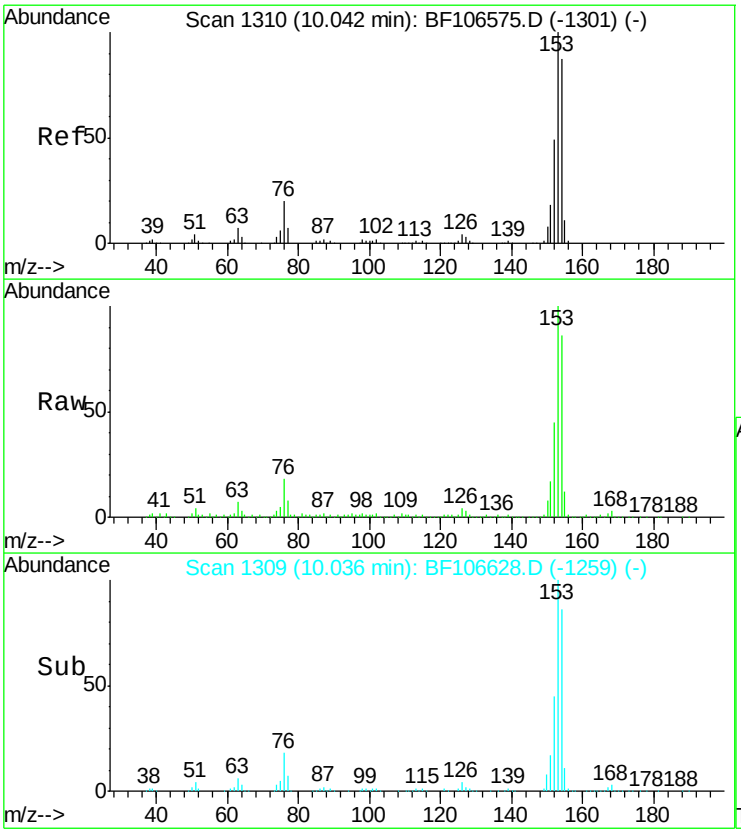
#49
Dimethylphthalate
Concen: 12.188 ng
RT: 9.71 min Scan# 1253
Delta R.T. -0.02 min
Lab File: BF106628.D
Acq: 20 Jun 2018 19:12

Instrument :
BNA_F
ClientSampleId :
TPTW-02

Tgt Ion:163 Resp: 178658

Ion	Ratio	Lower	Upper
163	100		
194	3.5	2.7	4.1
164	11.8	8.2	12.2

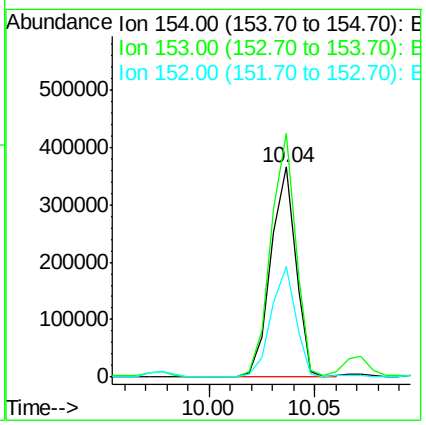


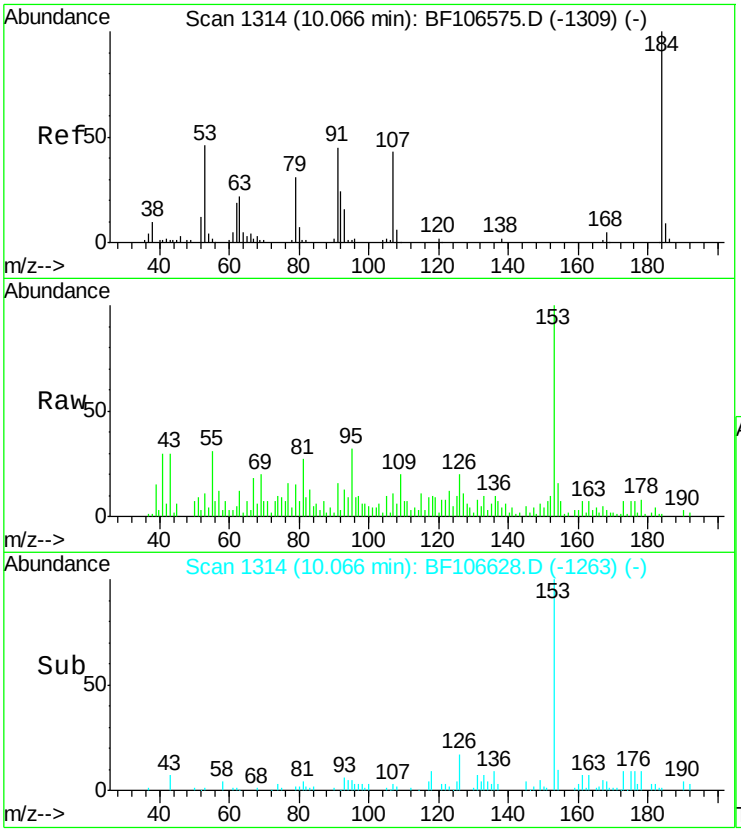


#51
Acenaphthene
Concen: 24.696 ng
RT: 10.04 min Scan# 1309
Delta R.T. -0.01 min
Lab File: BF106628.D
Acq: 20 Jun 2018 19:12

Tgt Ion:154 Resp: 301023

Ion	Ratio	Lower	Upper
154	100		
153	116.0	91.2	136.8
152	52.6	43.8	65.8



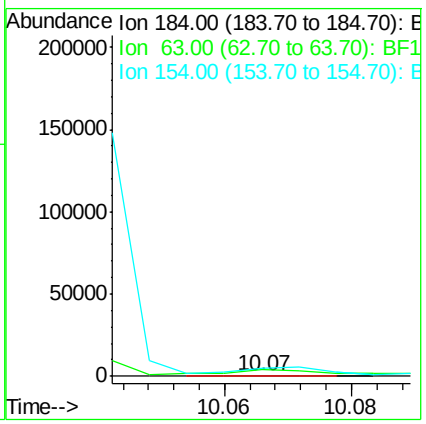


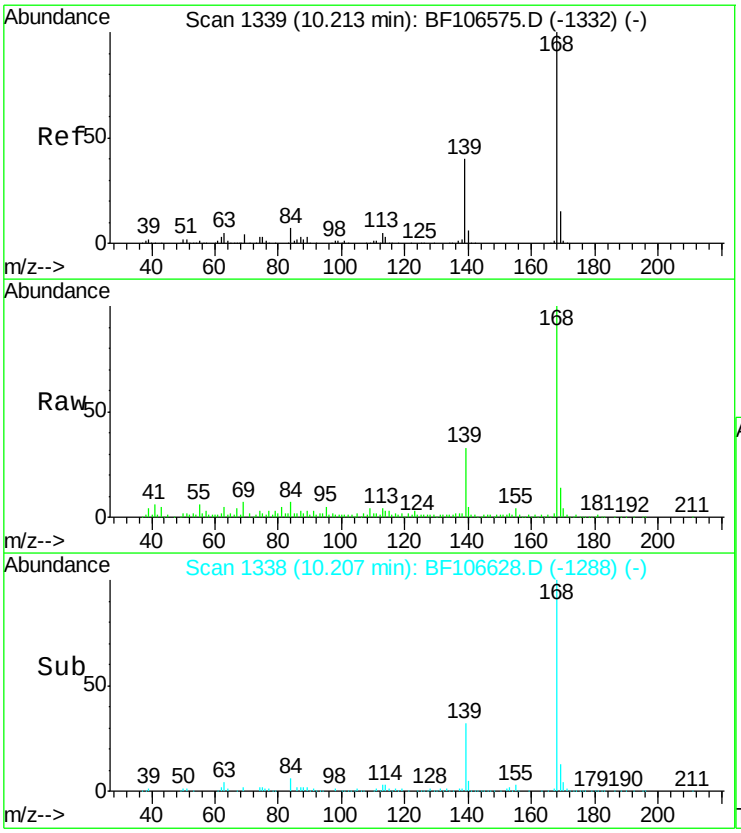
#53
2,4-Dinitrophenol
Concen: 5.414 ng
RT: 10.07 min Scan# 1314
Delta R.T. 0.00 min
Lab File: BF106628.D
Acq: 20 Jun 2018 19:12

Instrument :
BNA_F
ClientSampleId :
TPTW-02

Tgt Ion:184 Resp: 106

Ion	Ratio	Lower	Upper
184	100		
63	1292.0	54.2	81.2#
154	1693.3	184.0	276.0#

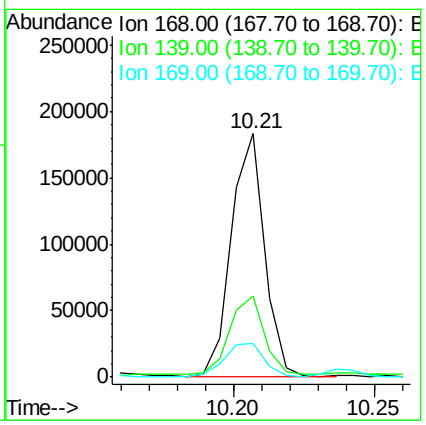


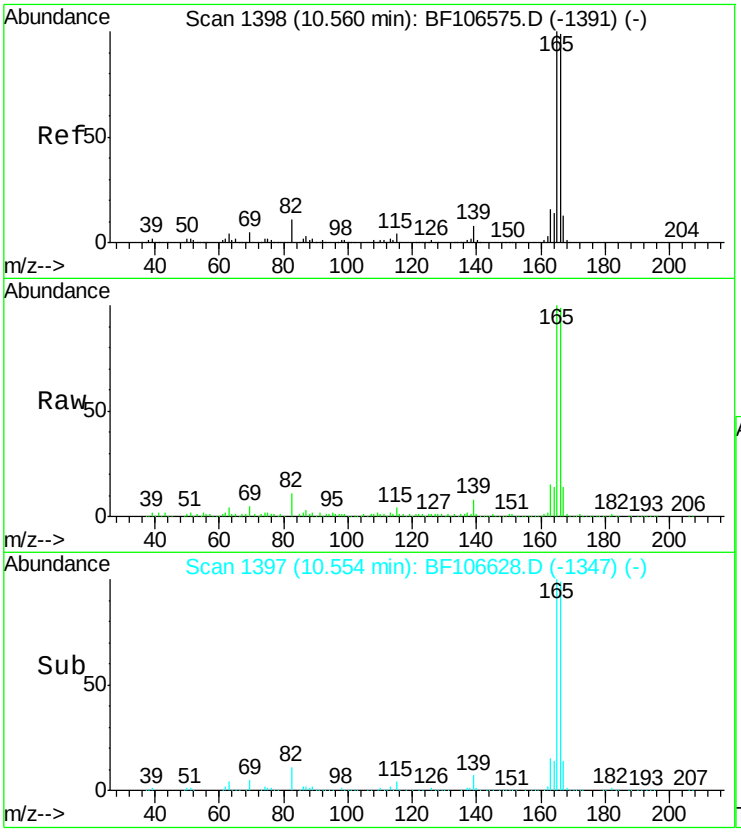


#54
Dibenzofuran
Concen: 8.888 ng
RT: 10.21 min Scan# 1338
Delta R.T. -0.01 min
Lab File: BF106628.D
Acq: 20 Jun 2018 19:12

Tgt Ion:168 Resp: 148343

Ion	Ratio	Lower	Upper
168	100		
139	33.0	30.1	45.1
169	13.7	10.9	16.3



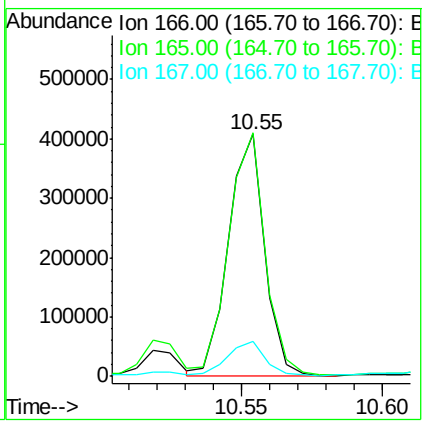


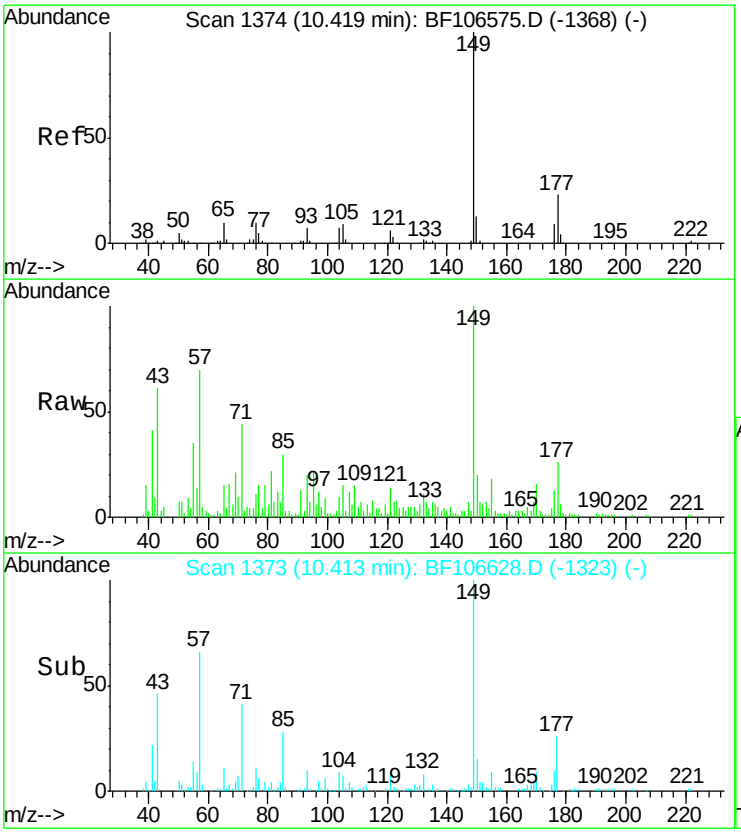
#57
Fluorene
Concen: 27.224 ng
RT: 10.55 min Scan# 1397
Delta R.T. -0.01 min
Lab File: BF106628.D
Acq: 20 Jun 2018 19:12

Instrument :
BNA_F
ClientSampleId :
TPTW-02

Tgt Ion:166 Resp: 360568

Ion	Ratio	Lower	Upper
166	100		
165	100.7	79.8	119.8
167	14.2	10.6	16.0

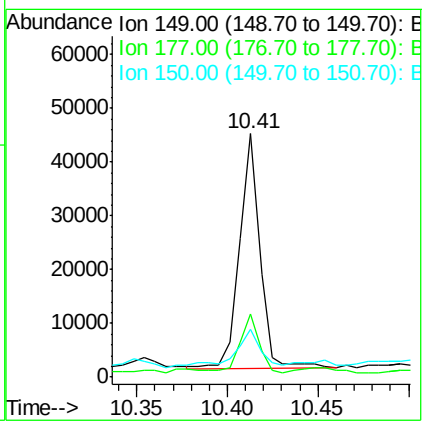


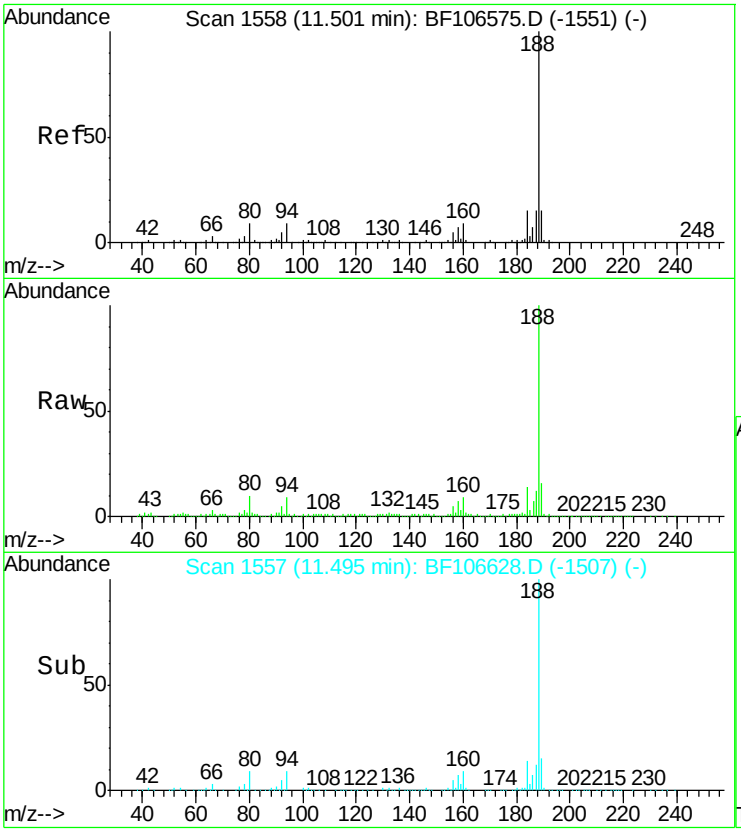


#59
Diethylphthalate
Concen: 2.407 ng
RT: 10.41 min Scan# 1373
Delta R.T. -0.01 min
Lab File: BF106628.D
Acq: 20 Jun 2018 19:12

Tgt Ion:149 Resp: 34053

Ion	Ratio	Lower	Upper
149	100		
177	25.8	16.1	24.1#
150	19.5	10.1	15.1#



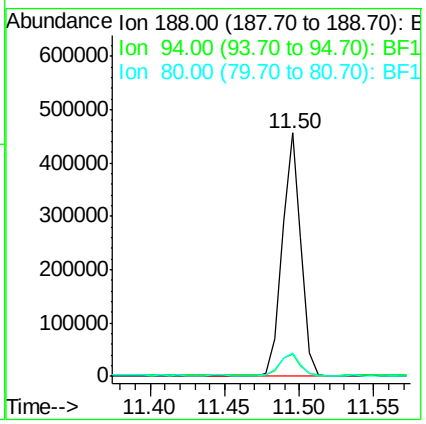


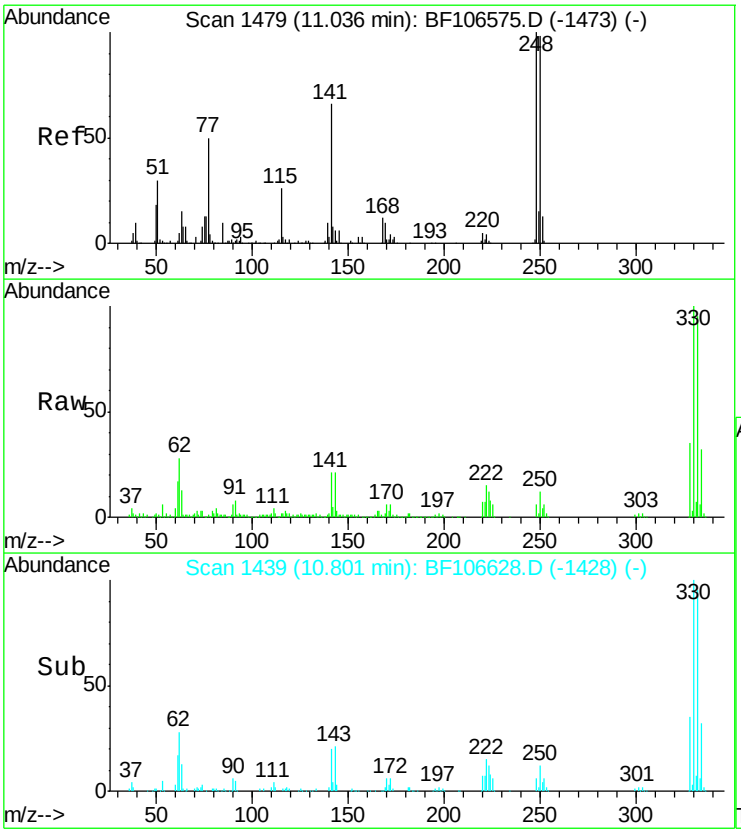
#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.50 min Scan# 1557
Delta R.T. -0.01 min
Lab File: BF106628.D
Acq: 20 Jun 2018 19:12

Instrument :
BNA_F
ClientSampleId :
TPTW-02

Tgt Ion:188 Resp: 398312

Ion	Ratio	Lower	Upper
188	100		
94	9.2	8.5	12.7
80	9.8	9.2	13.8

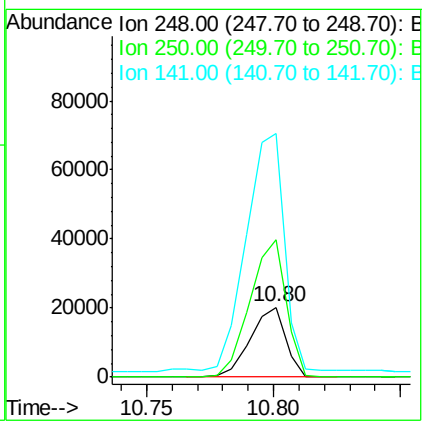


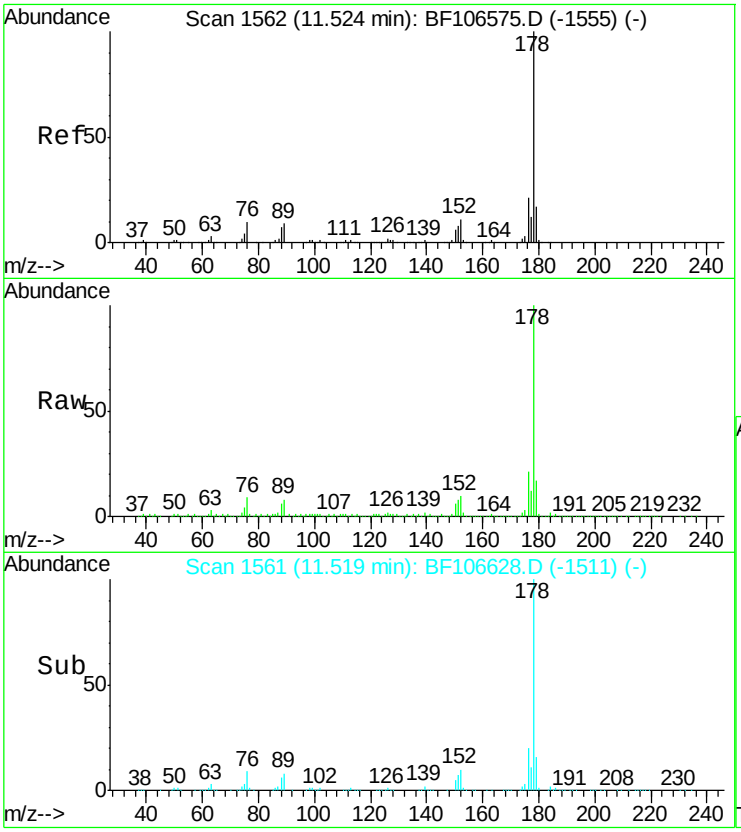


#66
4-Bromophenyl-phenylether
Concen: 4.180 ng
RT: 10.80 min Scan# 1439
Delta R.T. -0.24 min
Lab File: BF106628.D
Acq: 20 Jun 2018 19:12

Tgt Ion:248 Resp: 19870

Ion	Ratio	Lower	Upper
248	100		
250	196.2	76.9	115.3#
141	348.1	74.4	111.6#



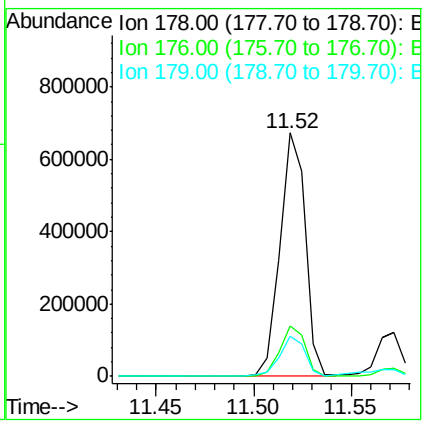


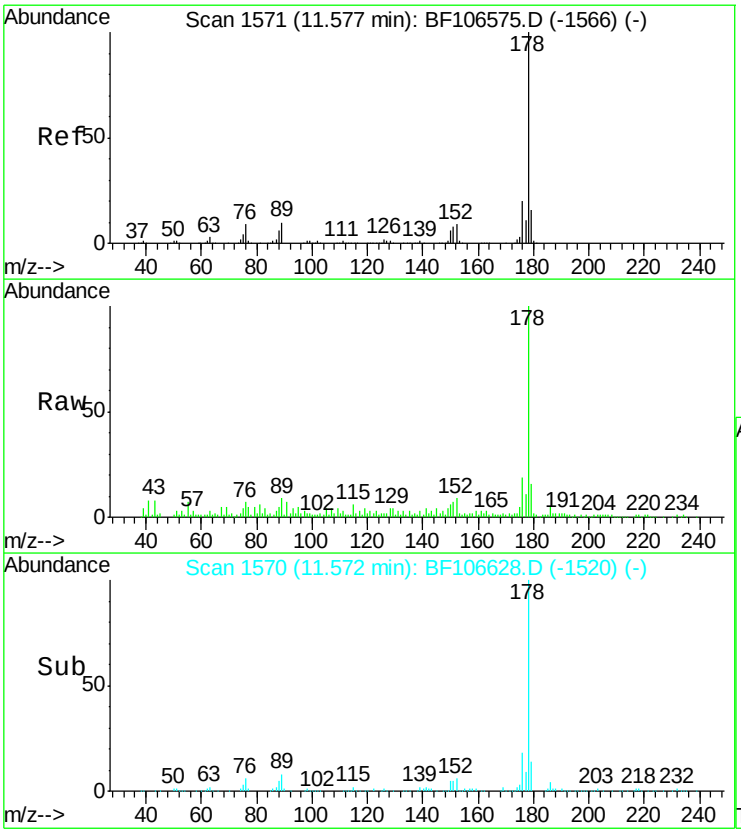
#70
Phenanthrene
Concen: 31.350 ng
RT: 11.52 min Scan# 1561
Delta R.T. -0.01 min
Lab File: BF106628.D
Acq: 20 Jun 2018 19:12

Instrument :
BNA_F
ClientSampleId :
TPTW-02

Tgt Ion:178 Resp: 602274

Ion	Ratio	Lower	Upper
178	100		
176	20.5	15.8	23.8
179	16.5	13.0	19.6

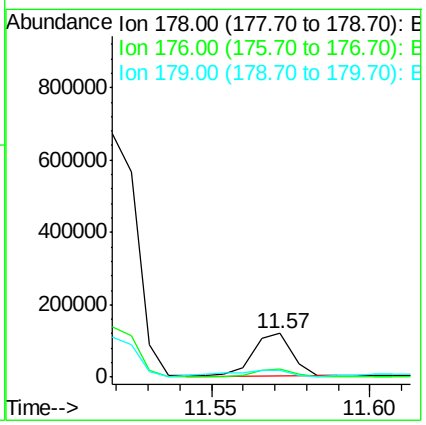


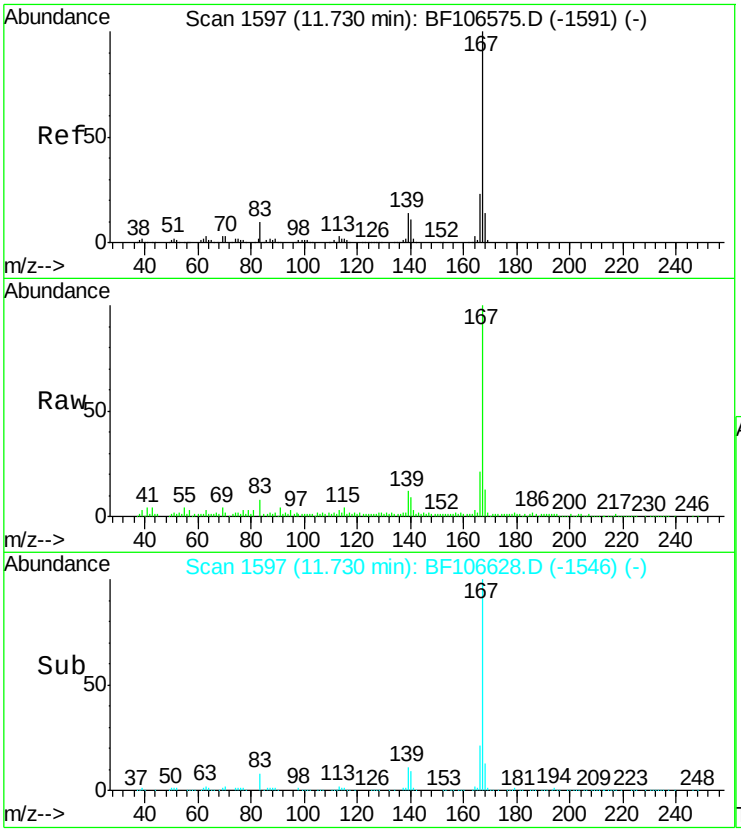


#71
Anthracene
Concen: 5.134 ng
RT: 11.57 min Scan# 1570
Delta R.T. -0.01 min
Lab File: BF106628.D
Acq: 20 Jun 2018 19:12

Tgt Ion:178 Resp: 100672

Ion	Ratio	Lower	Upper
178	100		
176	18.9	15.4	23.2
179	16.0	12.6	19.0



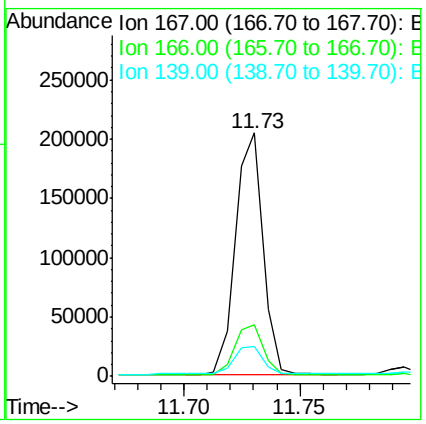


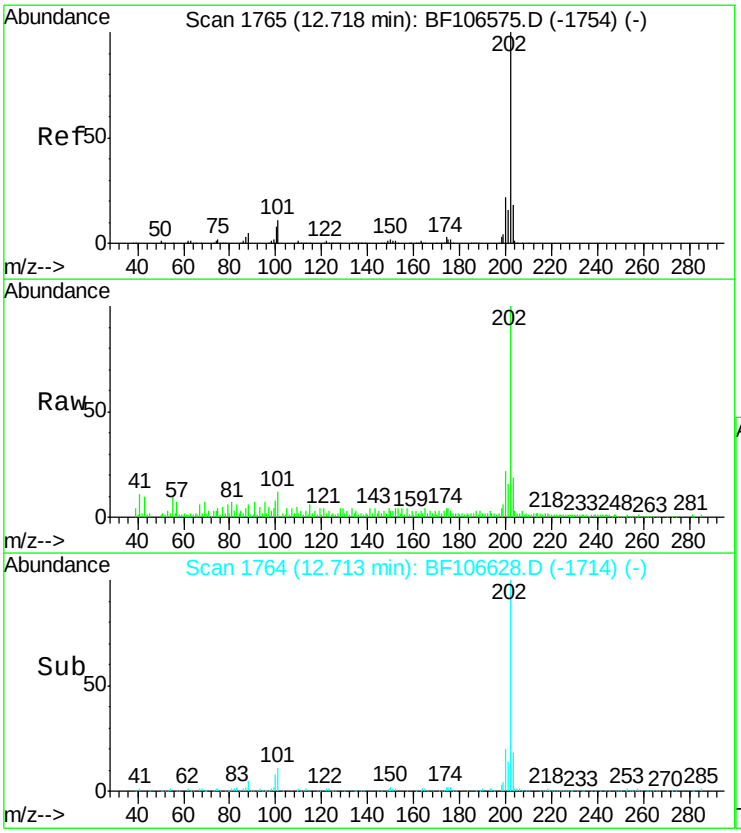
#72
Carbazole
Concen: 9.267 ng
RT: 11.73 min Scan# 1597
Delta R.T. 0.00 min
Lab File: BF106628.D
Acq: 20 Jun 2018 19:12

Instrument :
BNA_F
ClientSampleId :
TPTW-02

Tgt Ion:167 Resp: 170130

Ion	Ratio	Lower	Upper
167	100		
166	21.3	17.6	26.4
139	12.1	10.9	16.3

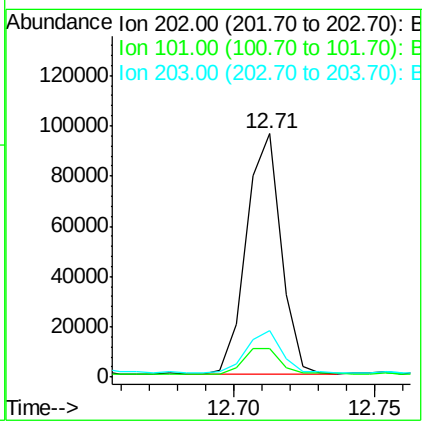


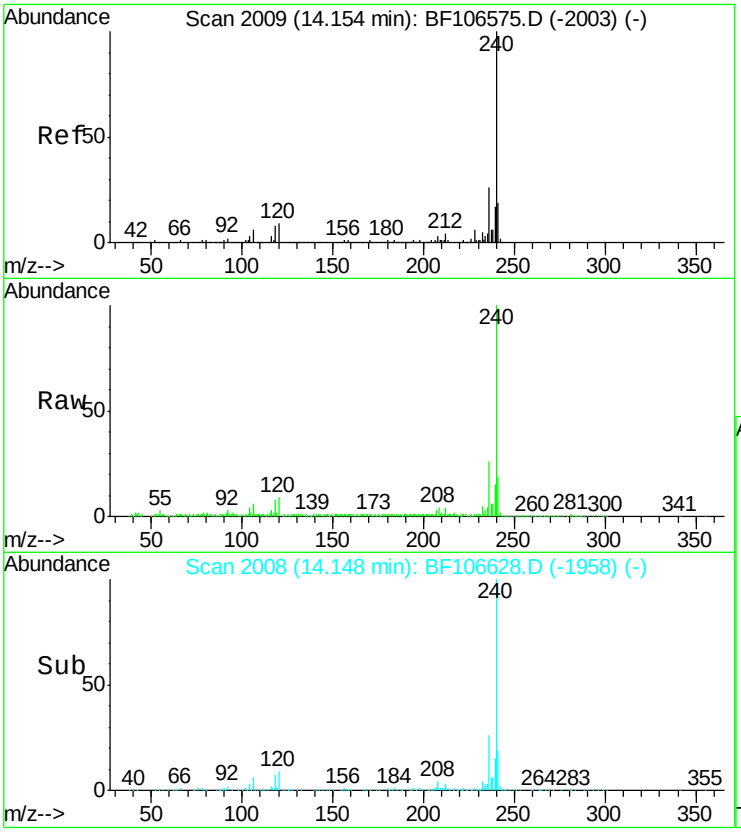


#74
Fluoranthene
Concen: 3.838 ng
RT: 12.71 min Scan# 1764
Delta R.T. -0.01 min
Lab File: BF106628.D
Acq: 20 Jun 2018 19:12

Tgt Ion:202 Resp: 81264

Ion	Ratio	Lower	Upper
202	100		
101	11.6	0.0	34.1
203	19.2	0.0	38.1



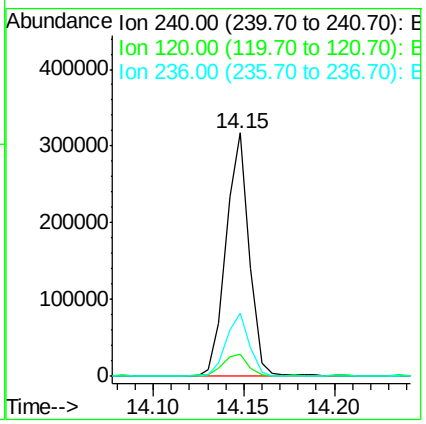


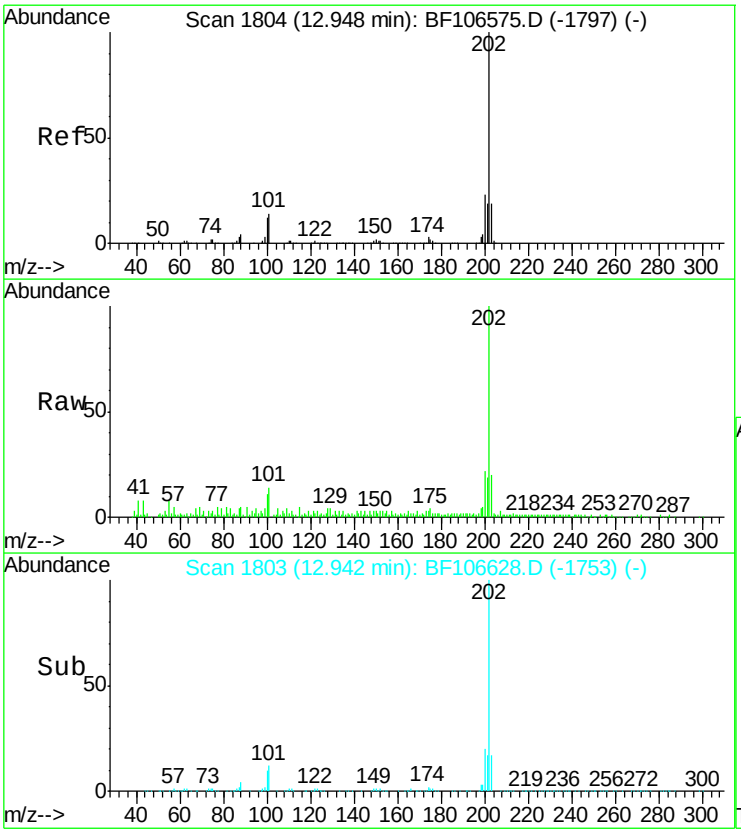
#75
Chrysene-d12
Concen: 20.000 ng
RT: 14.15 min Scan# 2008
Delta R.T. -0.01 min
Lab File: BF106628.D
Acq: 20 Jun 2018 19:12

Instrument :
BNA_F
ClientSampleId :
TPTW-02

Tgt Ion:240 Resp: 277697

Ion	Ratio	Lower	Upper
240	100		
120	9.1	9.5	14.3#
236	26.1	20.7	31.1

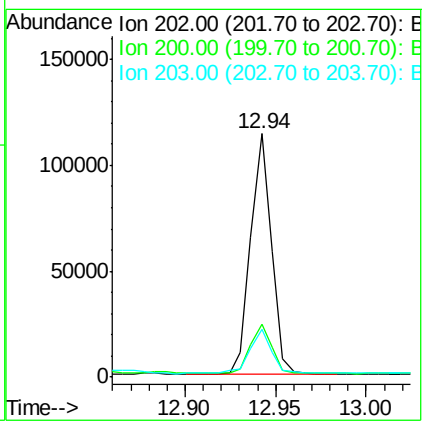


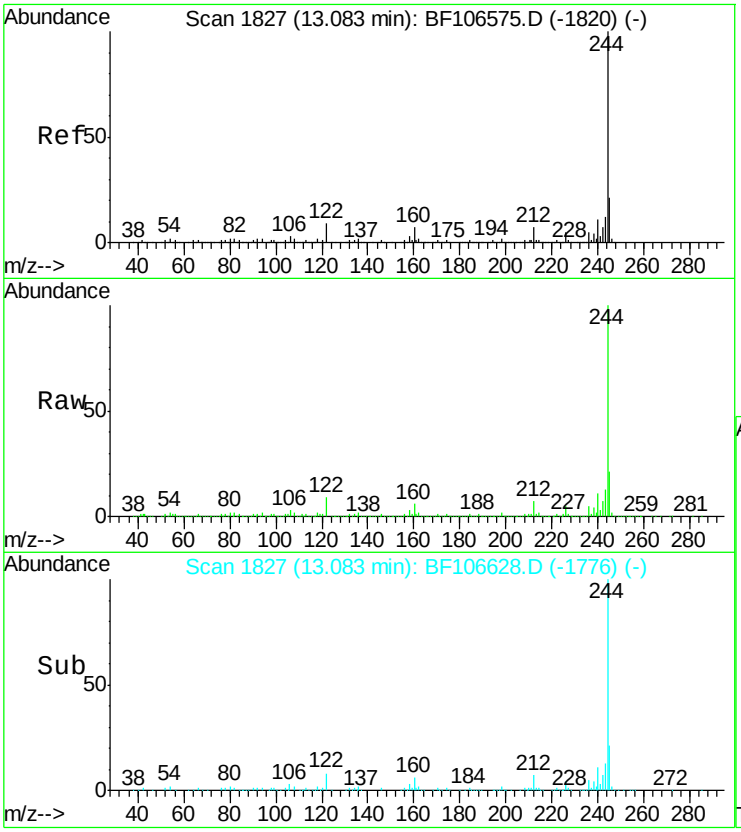


#77
Pyrene
Concen: 5.023 ng
RT: 12.94 min Scan# 1803
Delta R.T. -0.01 min
Lab File: BF106628.D
Acq: 20 Jun 2018 19:12

Tgt Ion:202 Resp: 91975

Ion	Ratio	Lower	Upper
202	100		
200	21.7	17.4	26.2
203	19.8	14.3	21.5



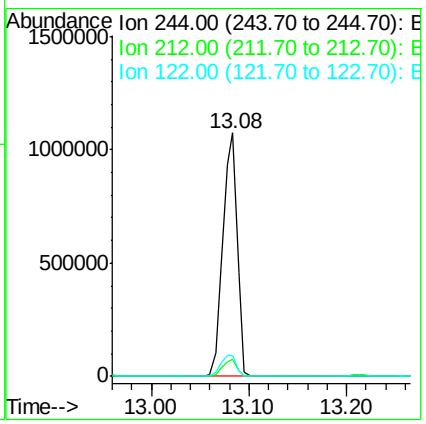


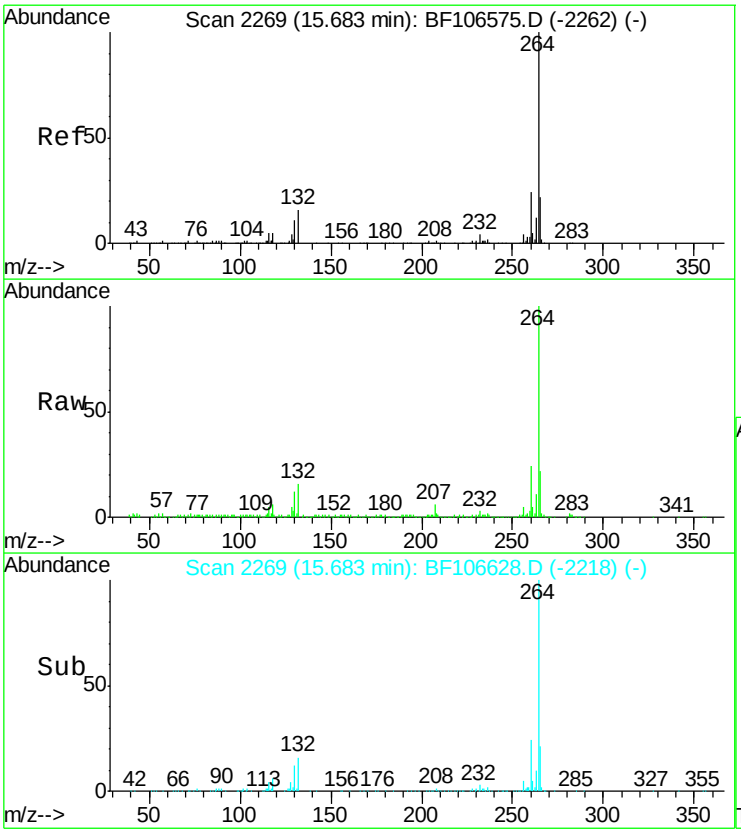
#78
Terphenyl-d14
Concen: 95.434 ng
RT: 13.08 min Scan# 1827
Delta R.T. 0.00 min
Lab File: BF106628.D
Acq: 20 Jun 2018 19:12

Instrument :
BNA_F
ClientSampleId :
TPTW-02

Tgt Ion:244 Resp: 1094076

Ion	Ratio	Lower	Upper
244	100		
212	7.1	5.4	8.0
122	8.6	11.0	16.4#





#86
Perylene-d12
Concen: 20.000 ng
RT: 15.68 min Scan# 2269
Delta R.T. 0.00 min
Lab File: BF106628.D
Acq: 20 Jun 2018 19:12

Tgt Ion:264 Resp: 286130

Ion	Ratio	Lower	Upper
264	100		
260	24.2	19.2	28.8
265	21.6	17.5	26.3