Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF072517\
Data File : BF097028.D
Acq On : 25 Jul 2017 14:55
Operator : SJ/JU
Sample : I4399-01DL 25X
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId :

Quant Time: Jul 25 15:18:32 2017
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF072517.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Jul 25 14:11:51 2017
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.50	152	140602	20.00	ng		0.00
21) Naphthalene-d8	7.78	136	590622	20.00	ng		0.00
38) Acenaphthene-d10	9.53	164	269197	20.00	ng		0.00
63) Phenanthrene-d10	11.00	188	427454	20.00	ng		0.00
75) Chrysene-d12	13.62	240	266622	20.00	ng		0.00
86) Perylene-d12	14.97	264	188676	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.10	112	35484	3.80	ng		0.00
7) Phenol-d6	6.16	99	47025	4.42	ng		0.00
23) Nitrobenzene-d5	7.06	82	25490	2.53	ng		-0.01
41) 2,4,6-Tribromophenol	10.31	330	8675	4.08	ng		-0.01
44) 2-Fluorobiphenyl	8.86	172	49688	3.13	ng		-0.01
78) Terphenyl-d14	12.58	244	30752	2.35	ng		0.00
Target Compounds							Qvalue
13) 1,4-Dichlorobenzene	6.52	146	47068	4.419	ng		96
14) 1,2-Dichlorobenzene	6.67	146	71036	7.638	ng		96
27) 2,4-Dimethylphenol	7.46	122	46171	4.934	ng		99
31) Naphthalene	7.80	128	1180742	42.410	ng		100
32) Benzoic acid	7.66	122	16186	2.316	ng	#	14
33) 4-Chloroaniline	7.80	127	158183	13.963	ng	#	33
37) 2-Methylnaphthalene	8.49	142	216521	12.283	ng		98
50) 2,6-Dinitrotoluene	9.53	165	34482	7.953	ng	#	33
56) 2,4-Dinitrotoluene	9.53	165	34482	6.918	ng	#	33
59) Diethylphthalate	9.96	149	39747	2.119	ng		98

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

Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF072517\
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Acq On : 25 Jul 2017 14:55
Operator : SJ/JU
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Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :

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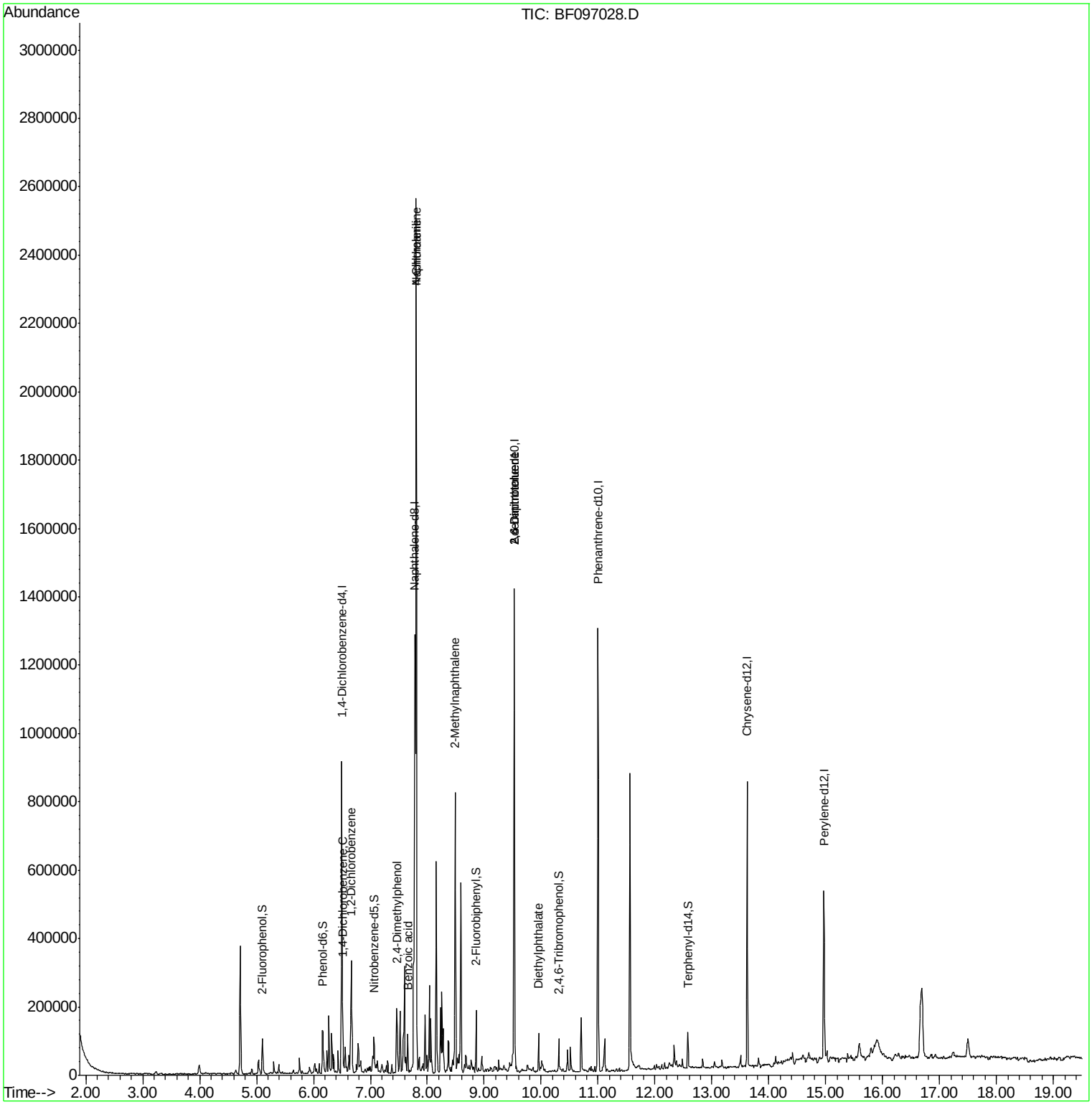
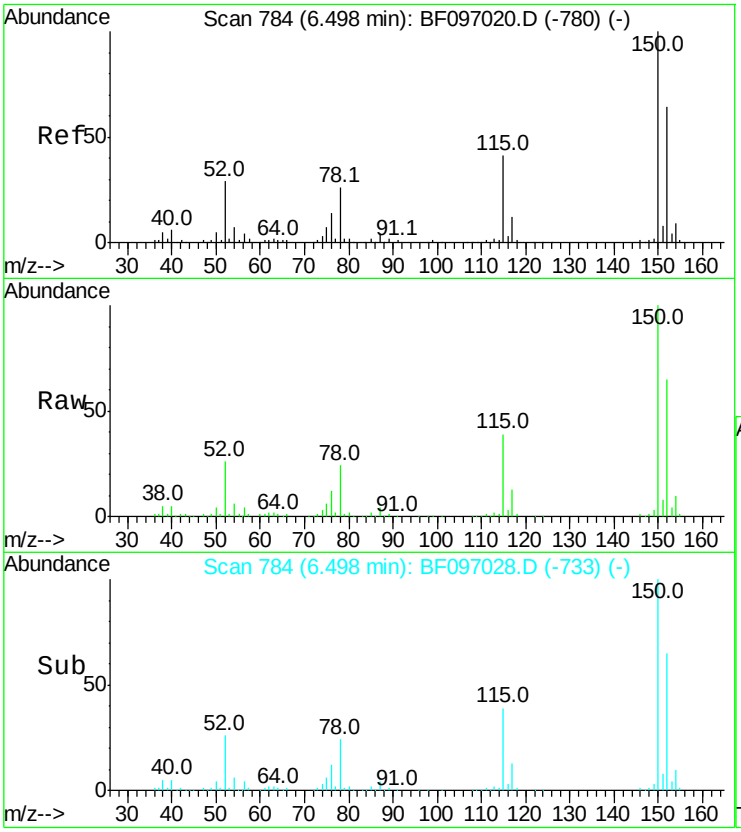


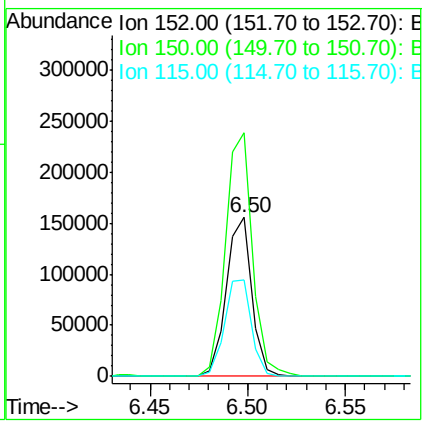


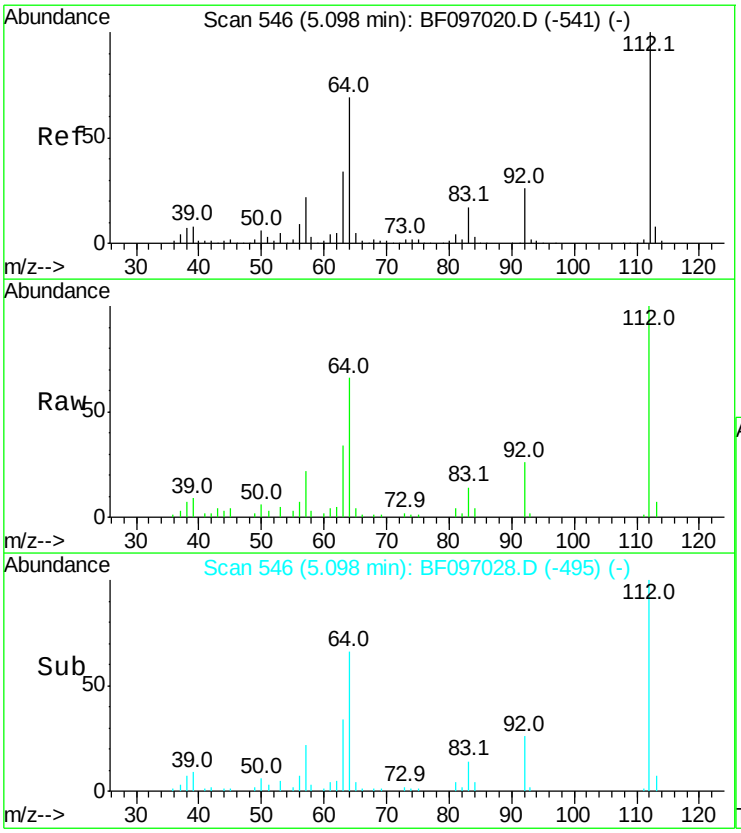
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.50 min Scan# 784
Delta R.T. -0.00 min
Lab File: BF097028.D
Acq: 25 Jul 2017 14:55

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:152 Resp: 140602

Ion	Ratio	Lower	Upper
152	100		
150	153.2	126.2	189.2
115	60.4	52.2	78.2

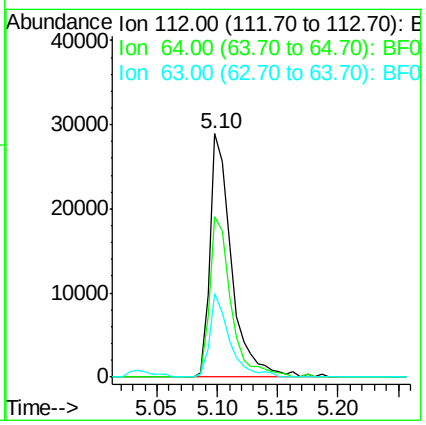


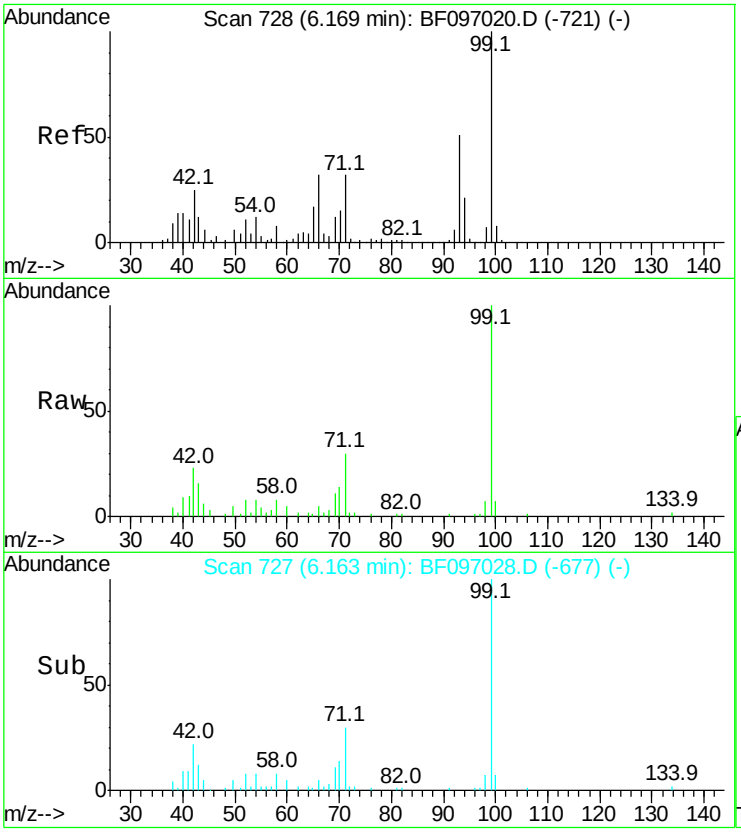


#5
2-Fluorophenol
Concen: 3.804 ng
RT: 5.10 min Scan# 546
Delta R.T. 0.00 min
Lab File: BF097028.D
Acq: 25 Jul 2017 14:55

Tgt Ion:112 Resp: 35484

Ion	Ratio	Lower	Upper
112	100		
64	65.9	46.0	69.0
63	34.2	23.4	35.0



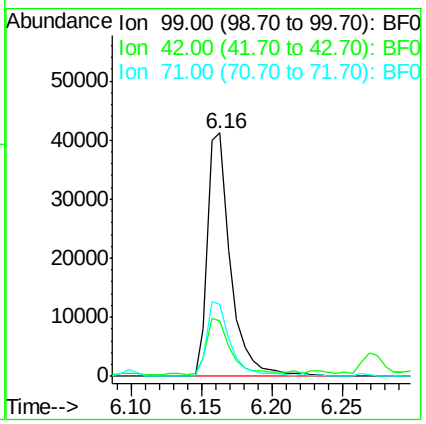


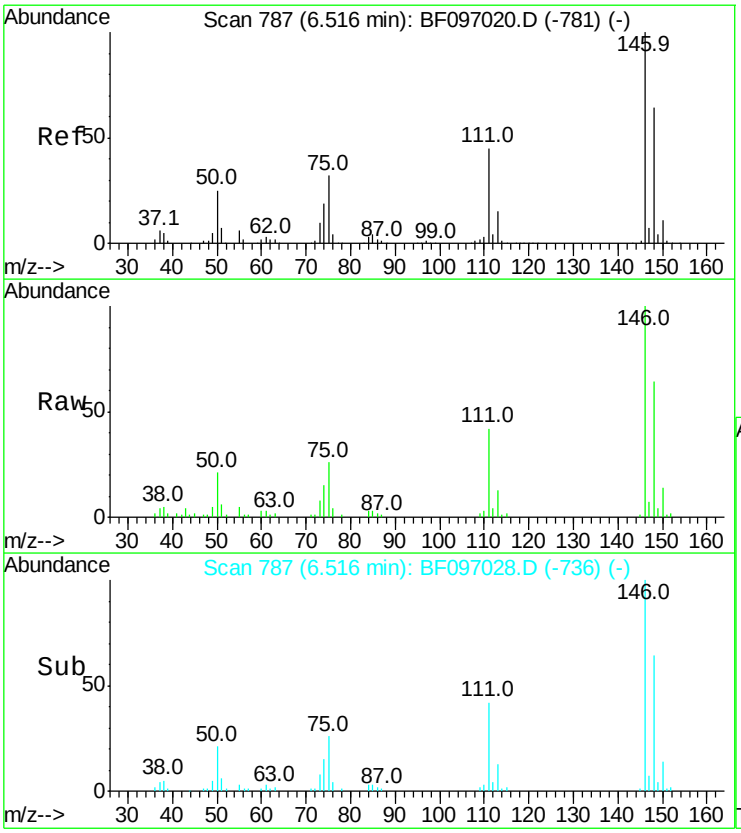
#7
Phenol-d6
Concen: 4.416 ng
RT: 6.16 min Scan# 727
Delta R.T. -0.01 min
Lab File: BF097028.D
Acq: 25 Jul 2017 14:55

Instrument :
BNA_F
ClientSampleId :

Tgt Ion: 99 Resp: 47025

Ion	Ratio	Lower	Upper
99	100		
42	23.0	13.5	20.3#
71	29.7	24.5	36.7

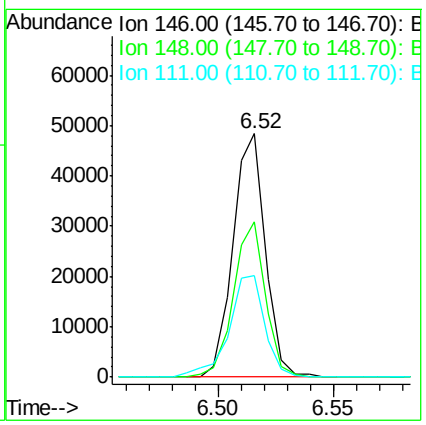


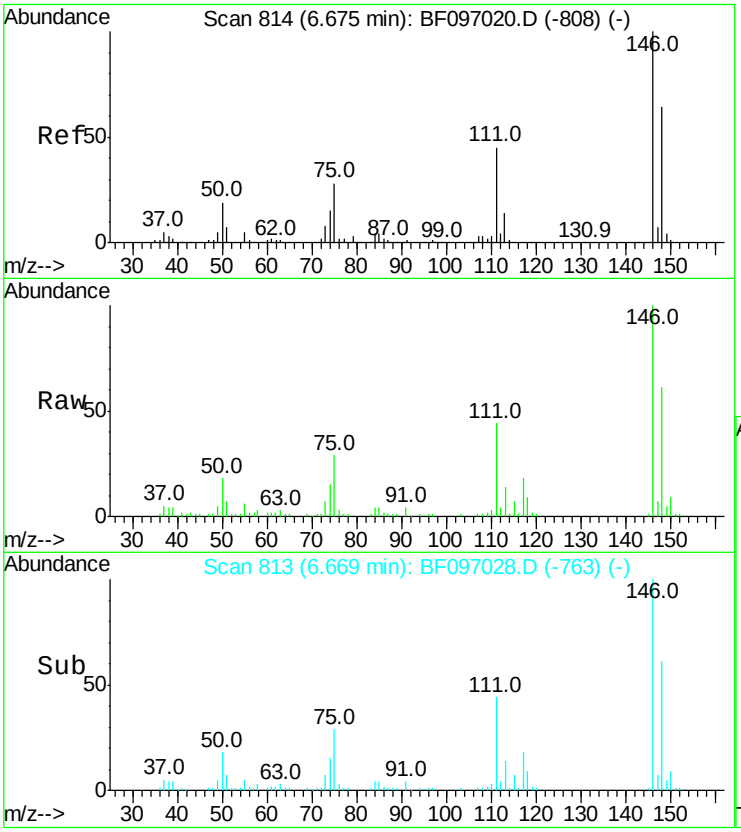


#13
1,4-Dichlorobenzene
Concen: 4.419 ng
RT: 6.52 min Scan# 787
Delta R.T. -0.00 min
Lab File: BF097028.D
Acq: 25 Jul 2017 14:55

Tgt Ion:146 Resp: 47068

Ion	Ratio	Lower	Upper
146	100		
148	63.6	52.2	78.2
111	41.9	30.3	45.5



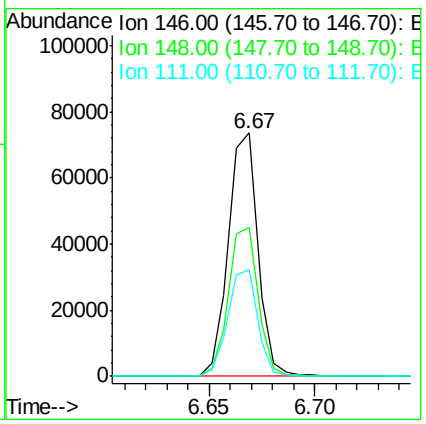


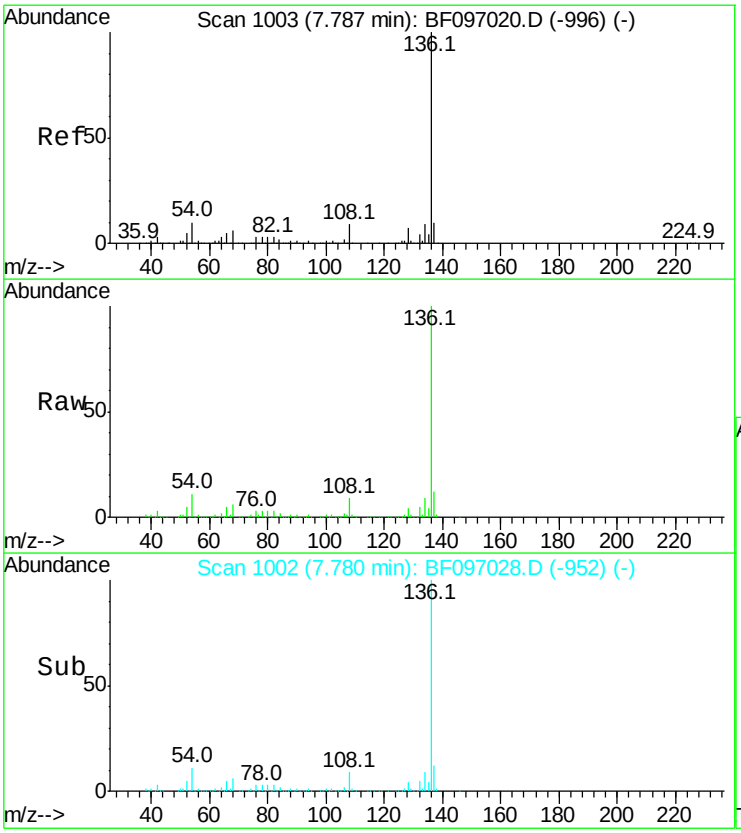
#14
1,2-Dichlorobenzene
Concen: 7.638 ng
RT: 6.67 min Scan# 813
Delta R.T. -0.01 min
Lab File: BF097028.D
Acq: 25 Jul 2017 14:55

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:146 Resp: 71036

Ion	Ratio	Lower	Upper
146	100		
148	61.4	50.4	75.6
111	43.8	38.2	57.4

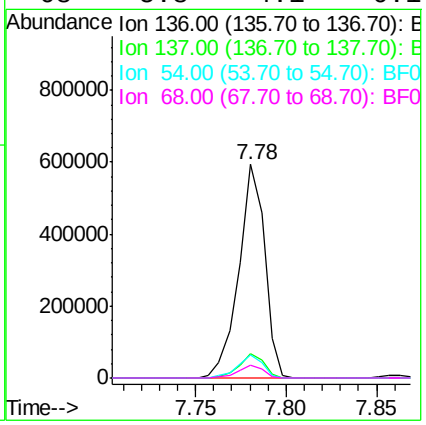


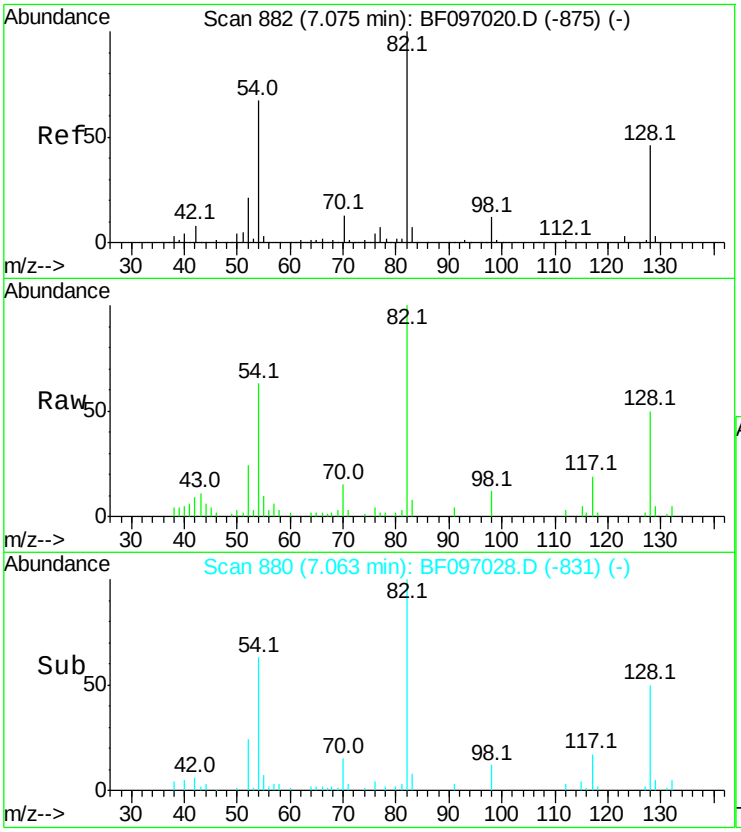


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 7.78 min Scan# 1002
Delta R.T. -0.01 min
Lab File: BF097028.D
Acq: 25 Jul 2017 14:55

Tgt Ion:136 Resp: 590622

Ion	Ratio	Lower	Upper
136	100		
137	11.5	8.5	12.7
54	10.7	4.9	7.3#
68	5.8	4.1	6.1



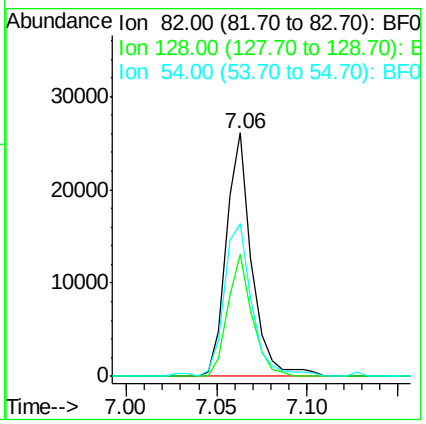


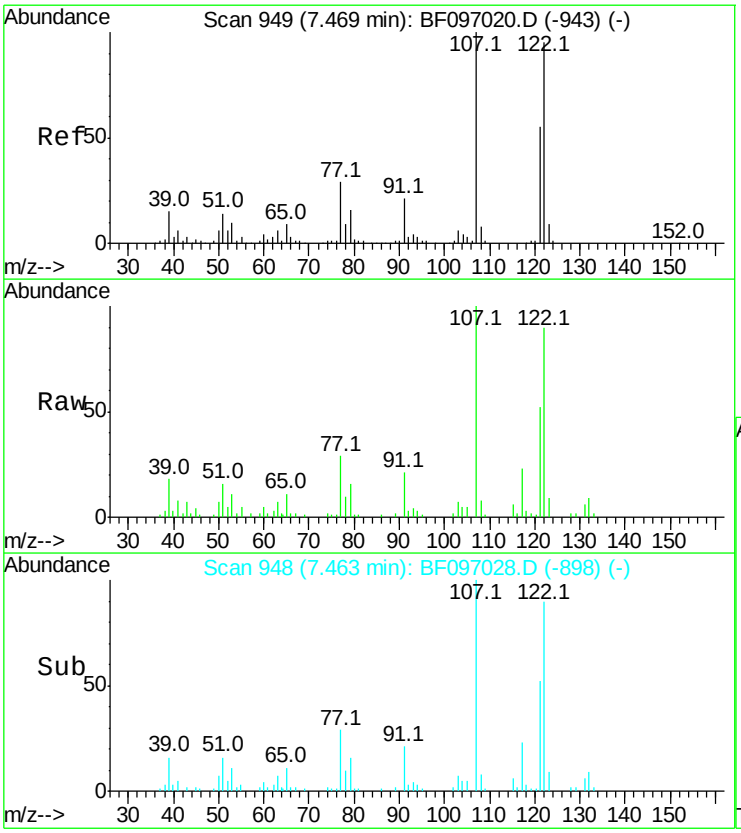
#23
Nitrobenzene-d5
Concen: 2.532 ng
RT: 7.06 min Scan# 880
Delta R.T. -0.01 min
Lab File: BF097028.D
Acq: 25 Jul 2017 14:55

Instrument :
BNA_F
ClientSampleId :

Tgt Ion: 82 Resp: 25490

Ion	Ratio	Lower	Upper
82	100		
128	50.1	34.0	51.0
54	62.7	42.2	63.2

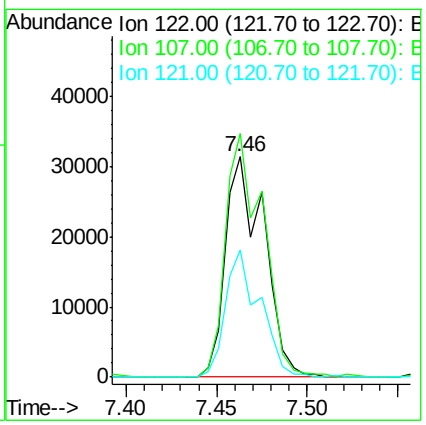


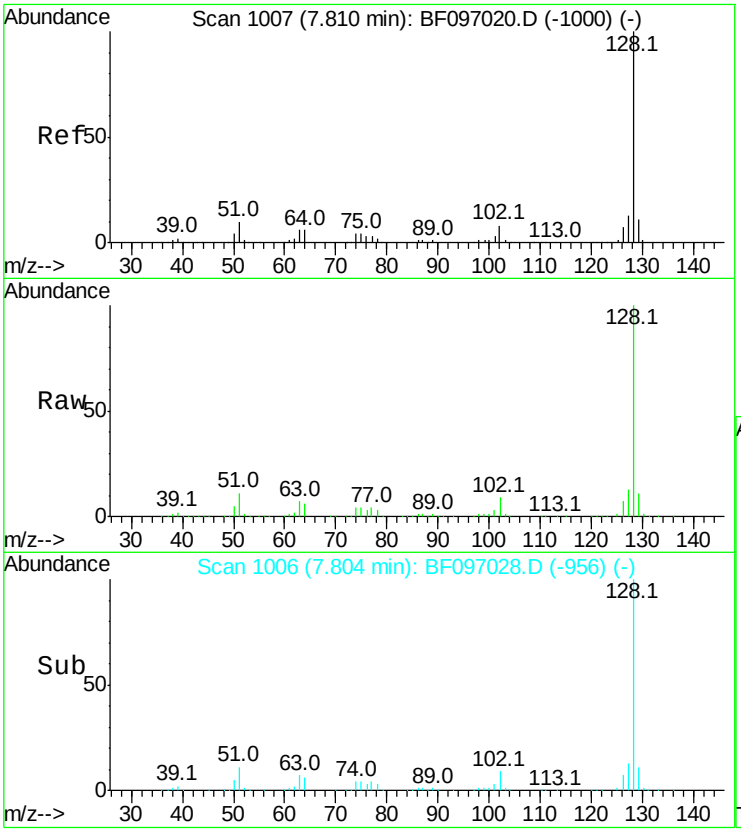


#27
2,4-Dimethylphenol
Concen: 4.934 ng
RT: 7.46 min Scan# 948
Delta R.T. -0.01 min
Lab File: BF097028.D
Acq: 25 Jul 2017 14:55

Tgt Ion:122 Resp: 46171

Ion	Ratio	Lower	Upper
122	100		
107	110.7	89.2	133.8
121	58.0	45.2	67.8



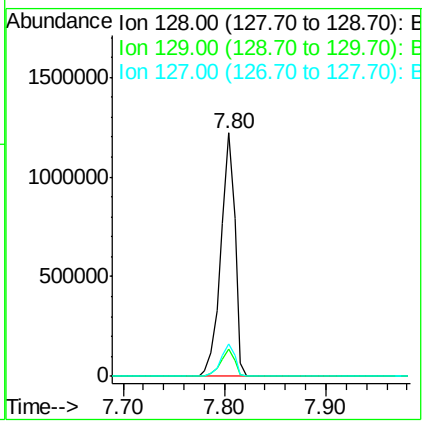


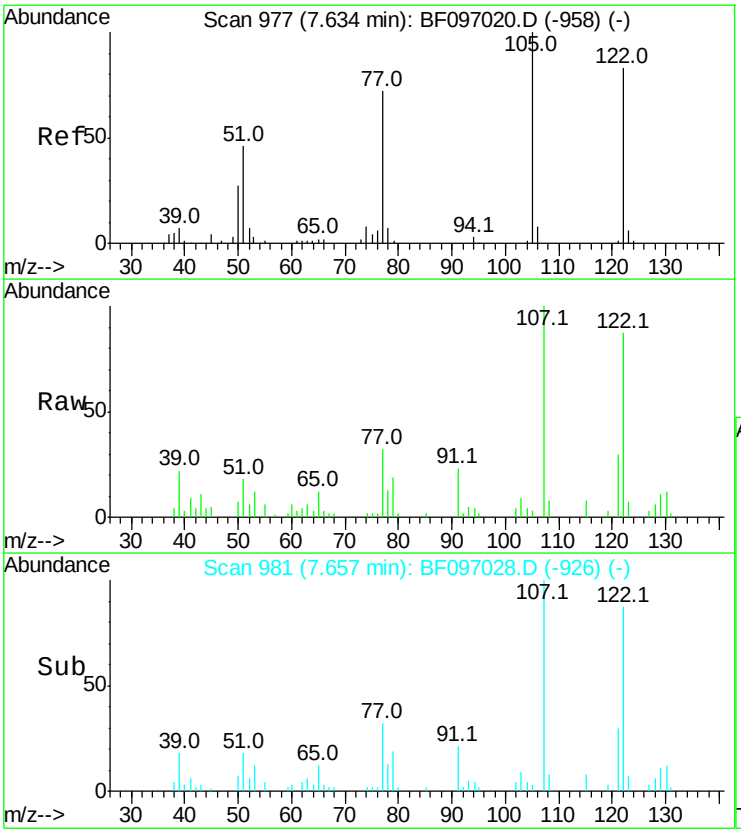
#31
Naphthalene
Concen: 42.410 ng
RT: 7.80 min Scan# 1006
Delta R.T. -0.01 min
Lab File: BF097028.D
Acq: 25 Jul 2017 14:55

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:128 Resp: 1180742

Ion	Ratio	Lower	Upper
128	100		
129	11.2	9.0	13.6
127	13.4	10.8	16.2

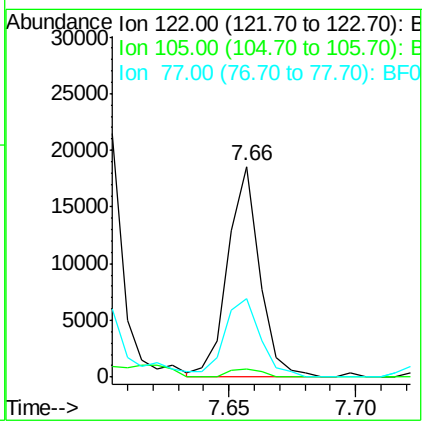


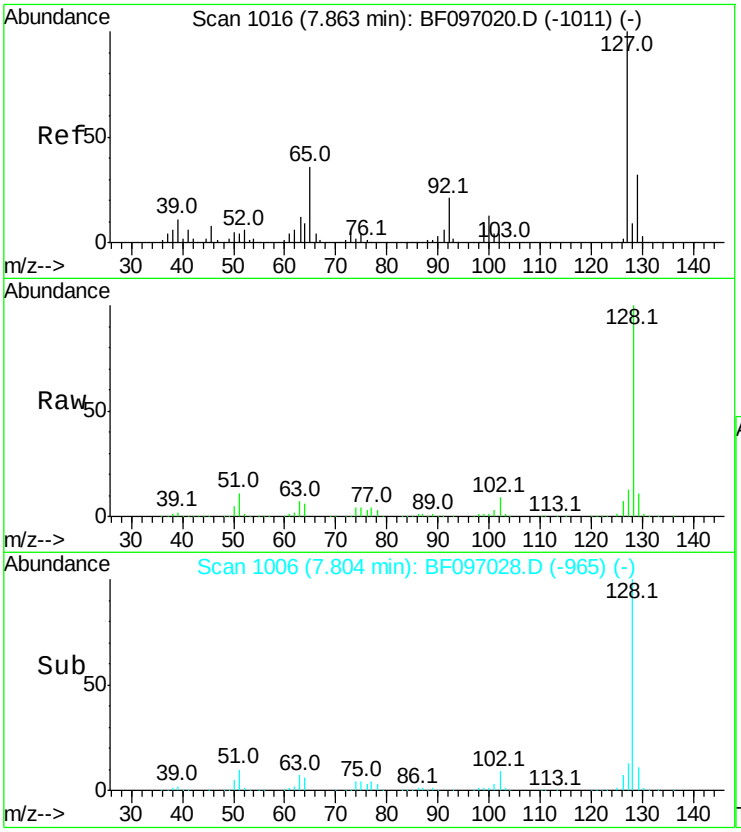


#32
Benzoic acid
Concen: 2.316 ng
RT: 7.66 min Scan# 981
Delta R.T. 0.02 min
Lab File: BF097028.D
Acq: 25 Jul 2017 14:55

Tgt Ion:122 Resp: 16186

Ion	Ratio	Lower	Upper
122	100		
105	3.8	103.3	143.3#
77	37.1	73.7	113.7#



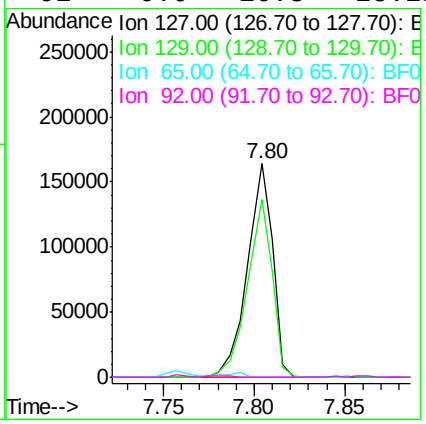


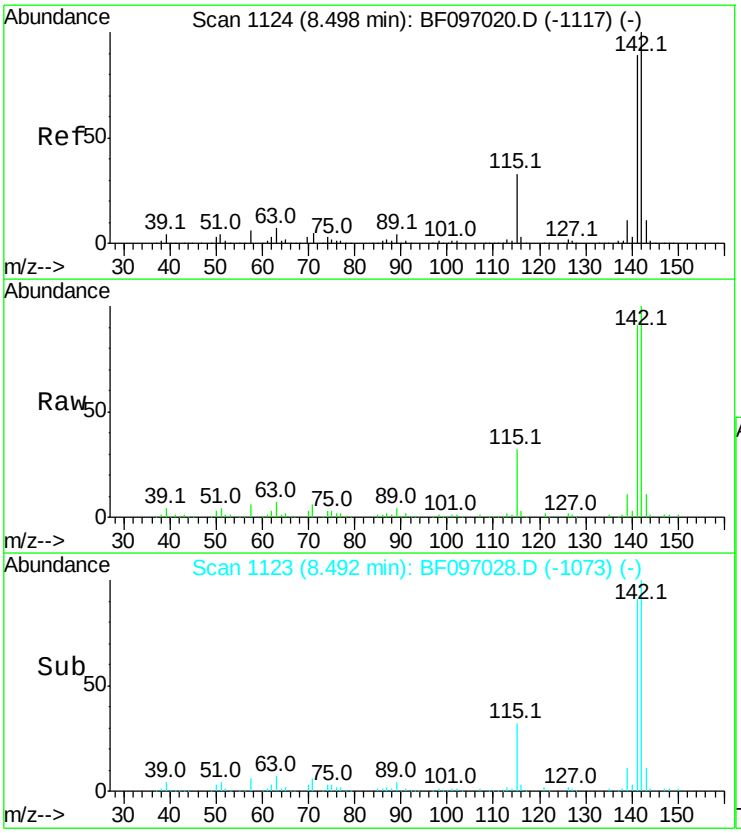
#33
4-Chloroaniline
Concen: 13.963 ng
RT: 7.80 min Scan# 1006
Delta R.T. -0.06 min
Lab File: BF097028.D
Acq: 25 Jul 2017 14:55

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:127 Resp: 158183

Ion	Ratio	Lower	Upper
127	100		
129	83.2	26.2	39.2#
65	0.0	27.8	41.8#
92	0.0	16.8	25.2#

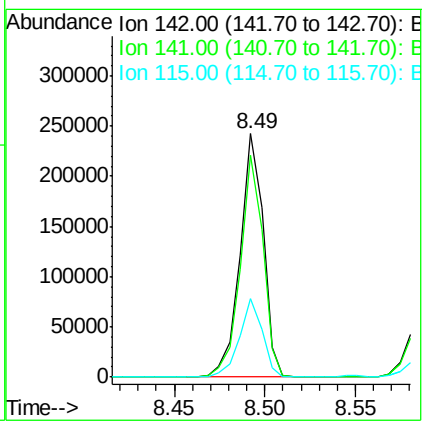


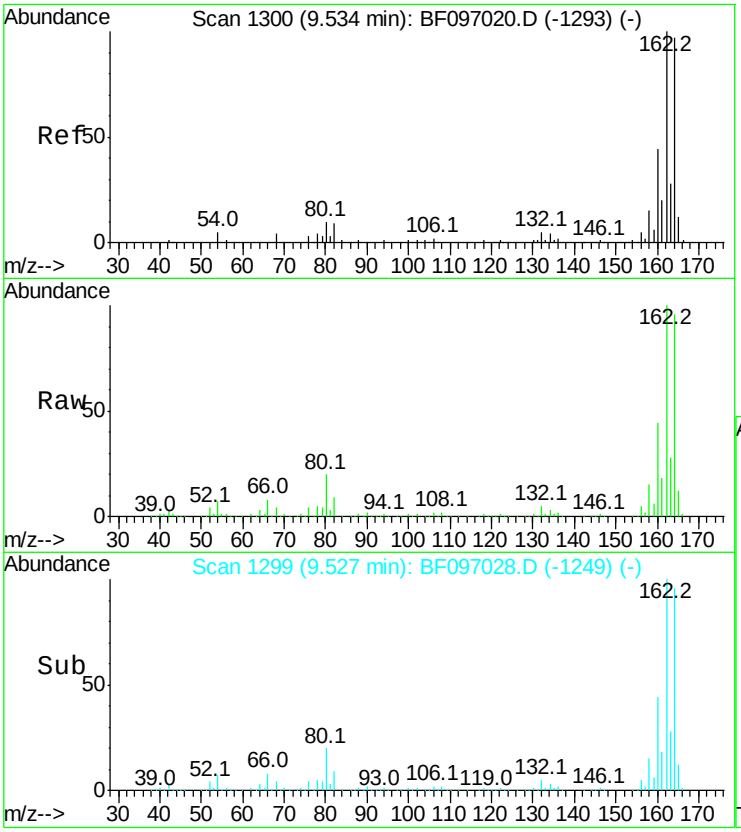


#37
2-Methylnaphthalene
Concen: 12.283 ng
RT: 8.49 min Scan# 1123
Delta R.T. -0.01 min
Lab File: BF097028.D
Acq: 25 Jul 2017 14:55

Tgt Ion:142 Resp: 216521

Ion	Ratio	Lower	Upper
142	100		
141	91.1	71.3	106.9
115	32.2	27.1	40.7



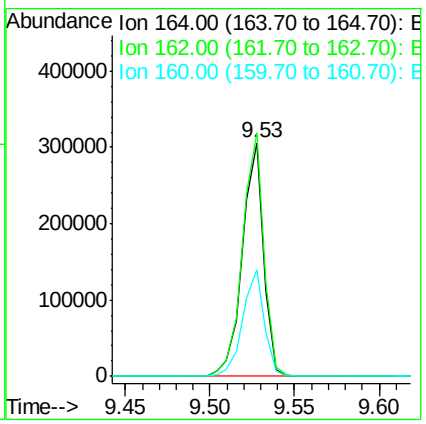


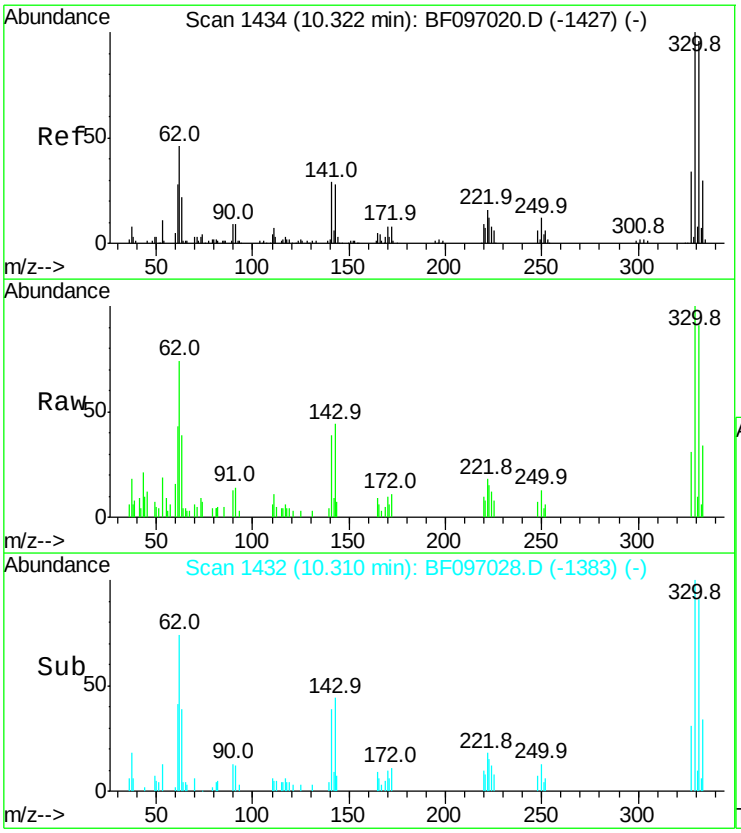
#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.53 min Scan# 1299
Delta R.T. -0.01 min
Lab File: BF097028.D
Acq: 25 Jul 2017 14:55

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:164 Resp: 269197

Ion	Ratio	Lower	Upper
164	100		
162	104.2	82.6	123.8
160	45.7	36.2	54.2

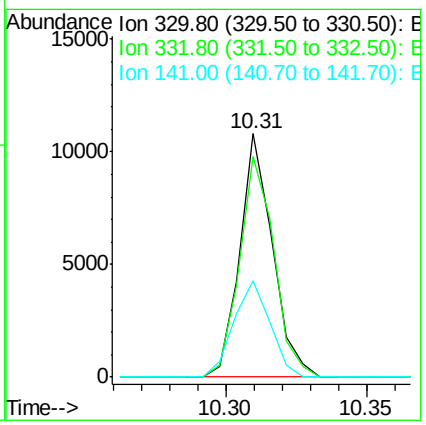


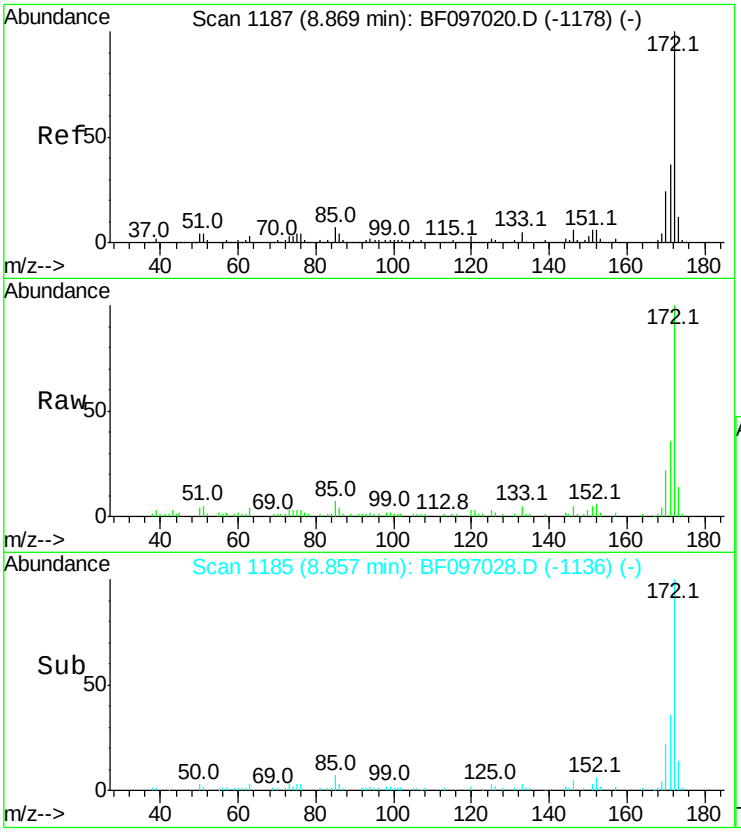


#41
2,4,6-Tribromophenol
Concen: 4.079 ng
RT: 10.31 min Scan# 1432
Delta R.T. -0.01 min
Lab File: BF097028.D
Acq: 25 Jul 2017 14:55

Tgt Ion:330 Resp: 8675

Ion	Ratio	Lower	Upper
330	100		
332	95.9	76.6	115.0
141	43.7	31.4	47.2



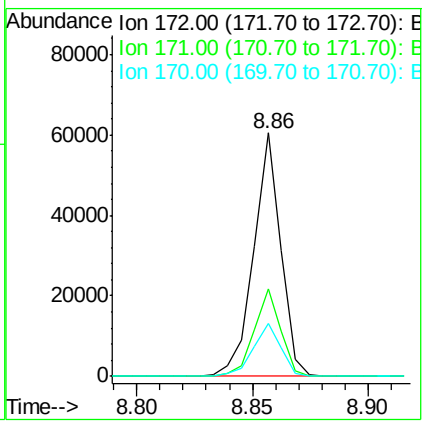


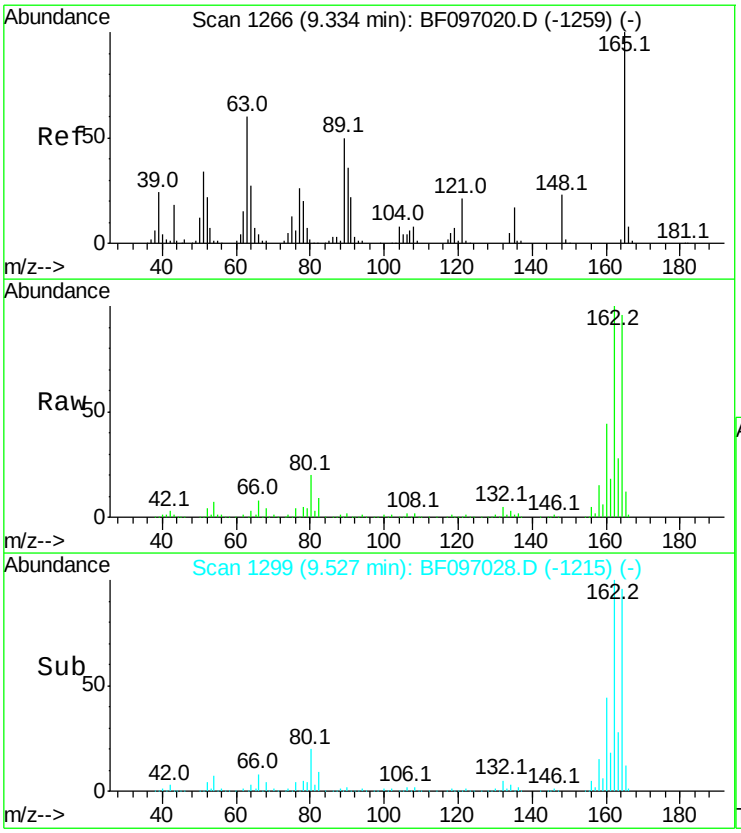
#44
2-Fluorobiphenyl
Concen: 3.132 ng
RT: 8.86 min Scan# 1185
Delta R.T. -0.01 min
Lab File: BF097028.D
Acq: 25 Jul 2017 14:55

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:172 Resp: 49688

Ion	Ratio	Lower	Upper
172	100		
171	35.7	29.6	44.4
170	21.9	19.8	29.8

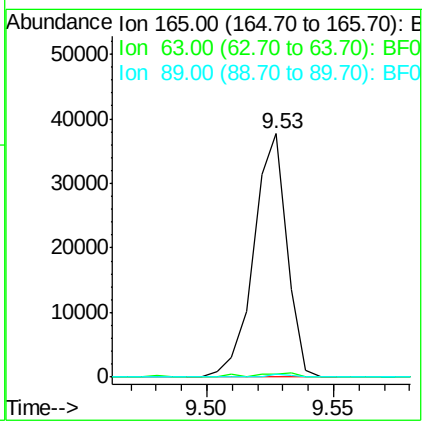


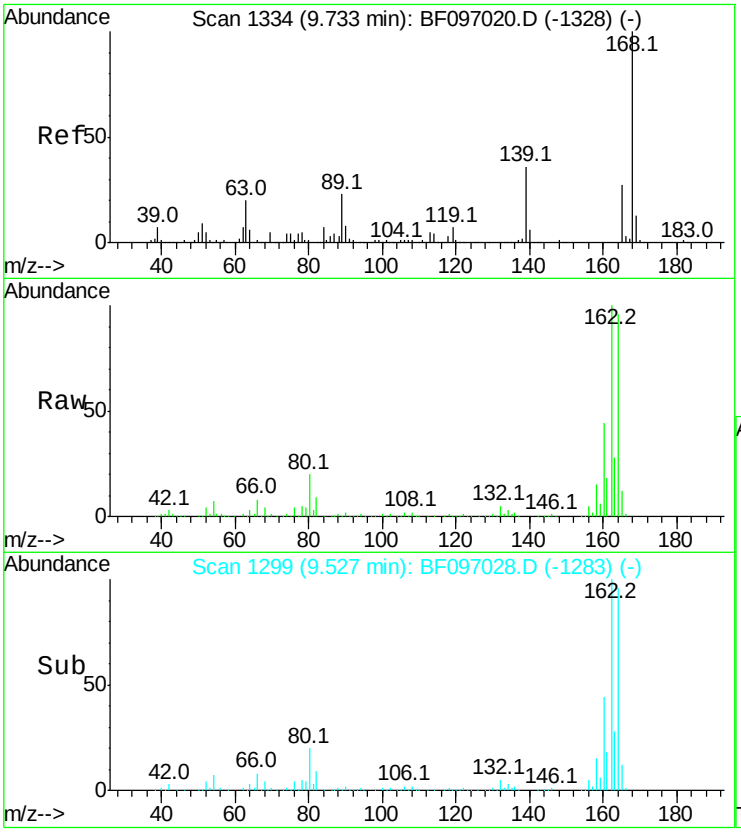


#50
2,6-Dinitrotoluene
Concen: 7.953 ng
RT: 9.53 min Scan# 1299
Delta R.T. 0.19 min
Lab File: BF097028.D
Acq: 25 Jul 2017 14:55

Tgt Ion:165 Resp: 34482

Ion	Ratio	Lower	Upper
165	100		
63	1.1	34.3	51.5#
89	1.4	37.1	55.7#



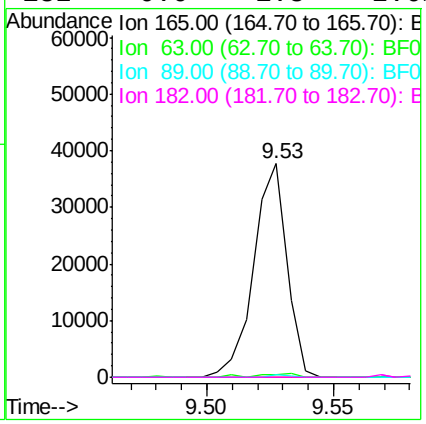


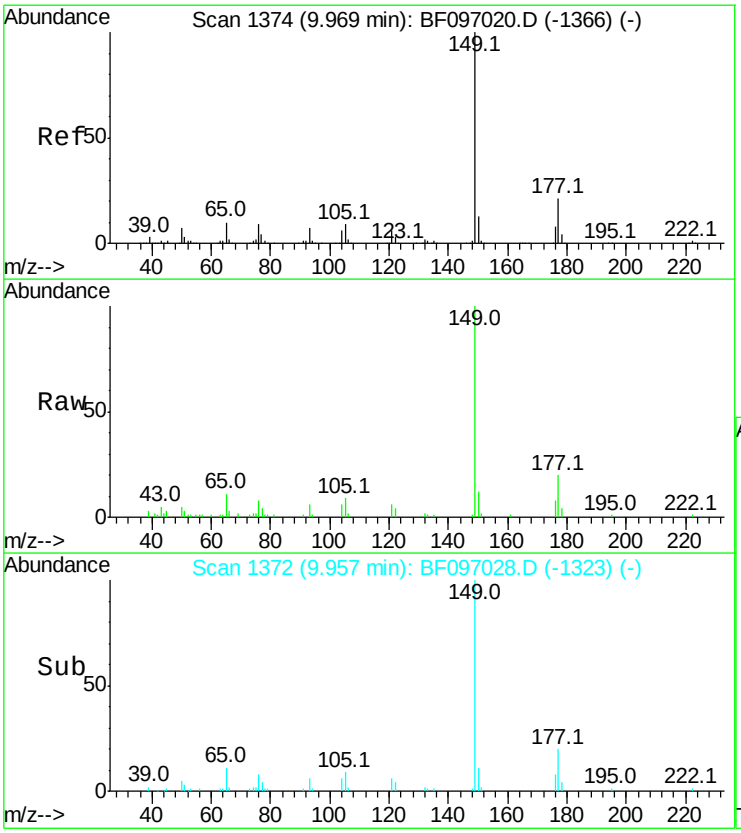
#56
2,4-Dinitrotoluene
Concen: 6.918 ng
RT: 9.53 min Scan# 1299
Delta R.T. -0.21 min
Lab File: BF097028.D
Acq: 25 Jul 2017 14:55

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:165 Resp: 34482

Ion	Ratio	Lower	Upper
165	100		
63	1.1	25.4	38.0#
89	1.4	46.4	69.6#
182	0.0	1.8	2.6#

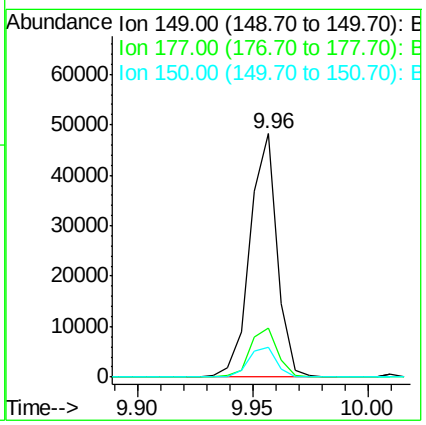


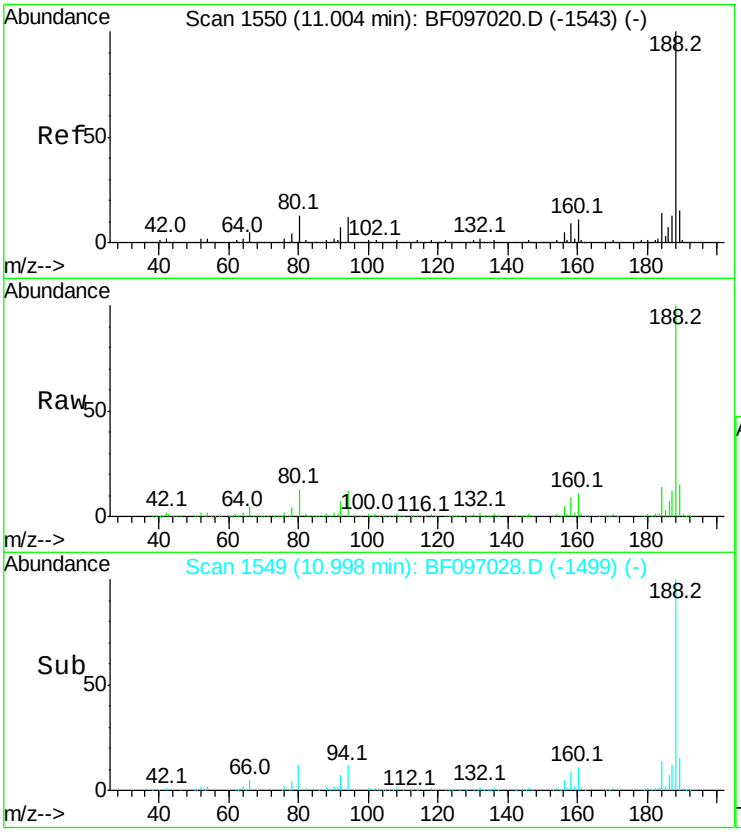


#59
Diethylphthalate
Concen: 2.119 ng
RT: 9.96 min Scan# 1372
Delta R.T. -0.01 min
Lab File: BF097028.D
Acq: 25 Jul 2017 14:55

Tgt Ion:149 Resp: 39747

Ion	Ratio	Lower	Upper
149	100		
177	20.1	16.7	25.1
150	12.2	10.2	15.2



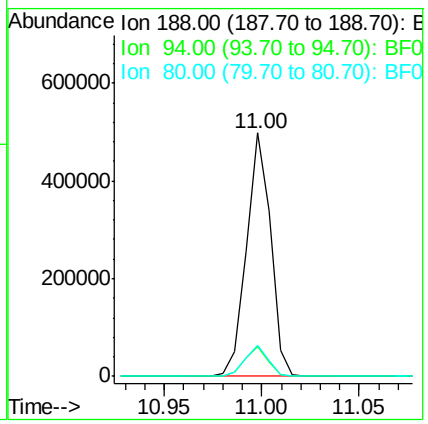


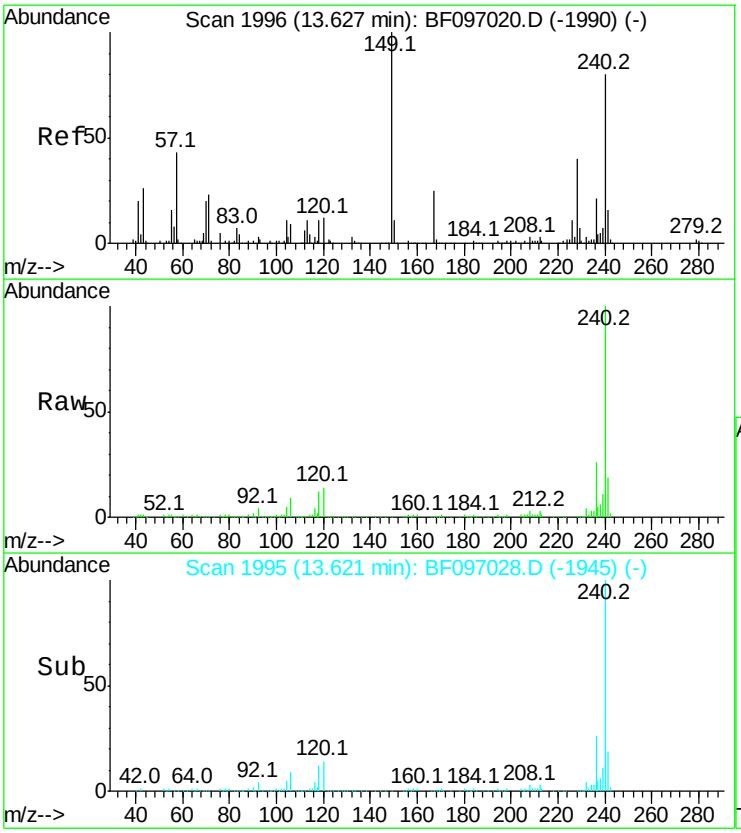
#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.00 min Scan# 1549
Delta R.T. -0.01 min
Lab File: BF097028.D
Acq: 25 Jul 2017 14:55

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:188 Resp: 427454

Ion	Ratio	Lower	Upper
188	100		
94	12.1	9.4	14.2
80	12.6	10.2	15.2

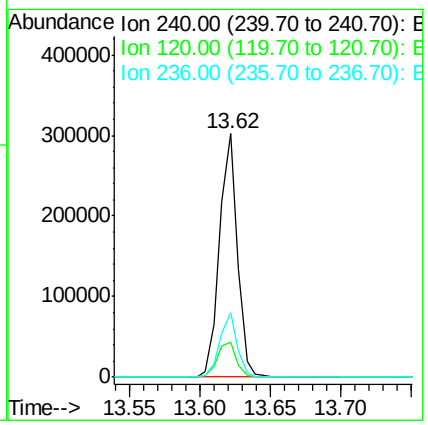


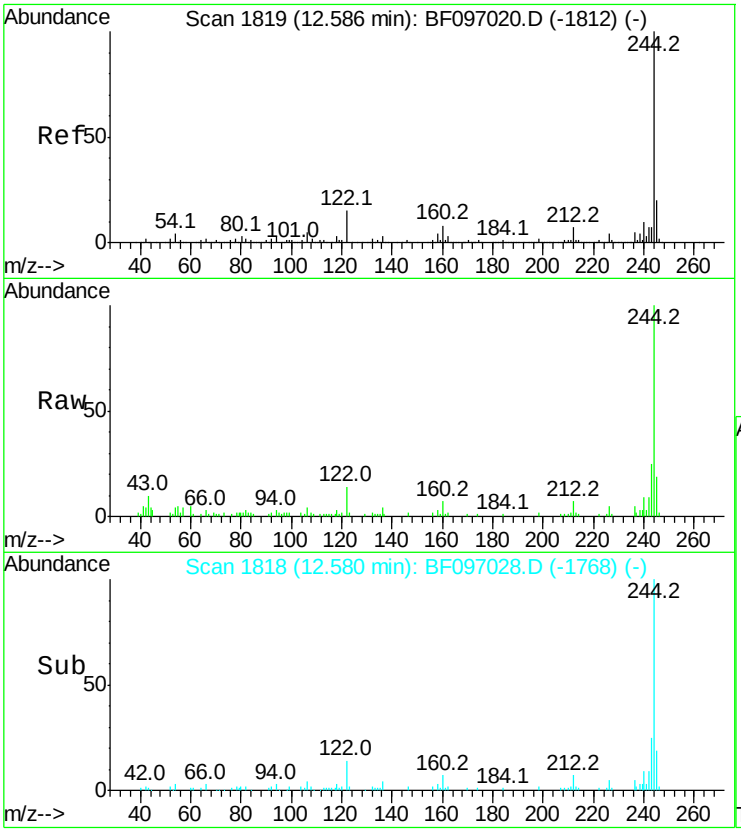


#75
Chrysene-d12
Concen: 20.000 ng
RT: 13.62 min Scan# 1995
Delta R.T. -0.01 min
Lab File: BF097028.D
Acq: 25 Jul 2017 14:55

Tgt Ion:240 Resp: 266622

Ion	Ratio	Lower	Upper
240	100		
120	14.3	5.8	8.8#
236	26.5	20.5	30.7



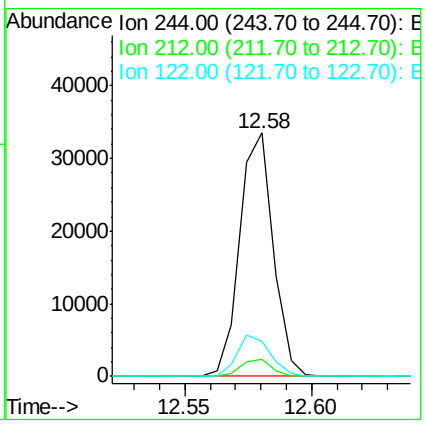


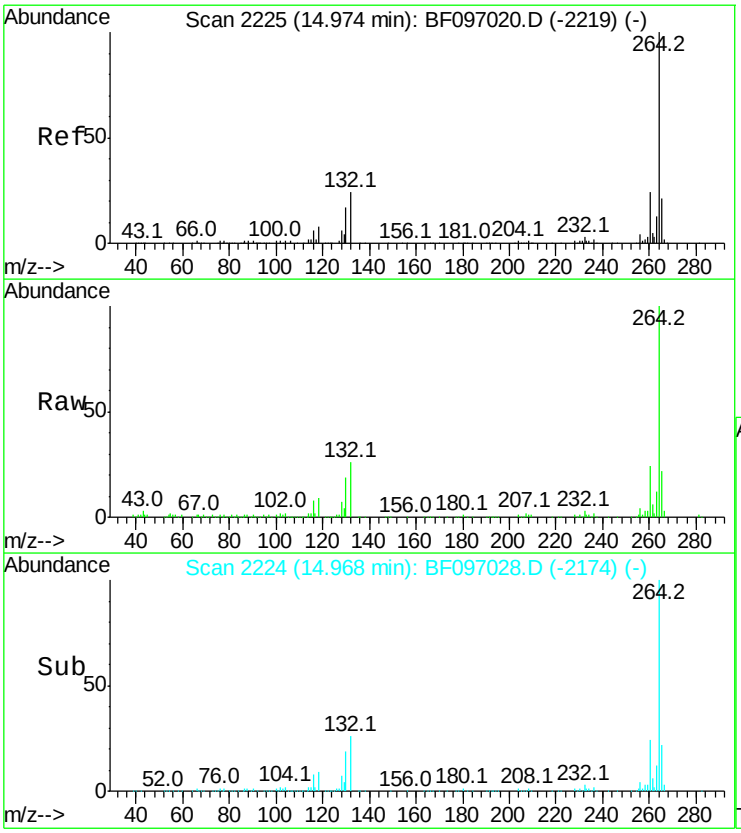
#78
Terphenyl-d14
Concen: 2.352 ng
RT: 12.58 min Scan# 1818
Delta R.T. -0.01 min
Lab File: BF097028.D
Acq: 25 Jul 2017 14:55

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:244 Resp: 30752

Ion	Ratio	Lower	Upper
244	100		
212	6.9	6.0	9.0
122	14.5	10.3	15.5





#86
Perylene-d12
Concen: 20.000 ng
RT: 14.97 min Scan# 2224
Delta R.T. -0.01 min
Lab File: BF097028.D
Acq: 25 Jul 2017 14:55

Tgt Ion:264 Resp: 188676

Ion	Ratio	Lower	Upper
264	100		
260	23.8	19.5	29.3
265	22.0	17.2	25.8