Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF081717\
Data File : BF097813.D
Acq On : 18 Aug 2017 4:35
Operator : SJ/JU
Sample : I4752-01
Misc :
ALS Vial : 27 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : RMAB-MW-12-GW

Quant Time: Aug 18 05:07:08 2017
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF081517.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Aug 15 13:25:08 2017
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.78	152	147094	20.00	ng		0.00
21) Naphthalene-d8	8.06	136	512456	20.00	ng		0.00
38) Acenaphthene-d10	9.82	164	187560	20.00	ng		0.00
63) Phenanthrene-d10	11.29	188	314338	20.00	ng		-0.01
75) Chrysene-d12	13.93	240	325271	20.00	ng		-0.01
86) Perylene-d12	15.36	264	227849	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.39	112	264652	27.37	ng		0.00
7) Phenol-d6	6.41	99	580783	44.20	ng		0.00
23) Nitrobenzene-d5	7.35	82	840110	89.06	ng		0.00
41) 2,4,6-Tribromophenol	10.60	330	192752	118.44	ng		0.00
44) 2-Fluorobiphenyl	9.14	172	1113486	87.22	ng		0.00
78) Terphenyl-d14	12.89	244	893589	57.29	ng		0.00
Target Compounds							Qvalue
9) Benzaldehyde	6.32	77	405742	48.75	ng	#	1
15) Benzyl Alcohol	6.93	79	27504	2.80	ng	#	46
17) 2-Methylphenol	7.03	107	75270	8.38	ng	#	65
18) Hexachloroethane	7.27	117	43966	10.05	ng	#	1
19) n-Nitroso-di-n-propylamine	7.35	70	112392	12.50	ng	#	76
20) 3+4-Methylphenols	7.19	107	59622	5.43	ng	#	1
22) Acetophenone	7.18	105	635286	46.93	ng	#	62
24) Nitrobenzene	7.36	77	38827	3.70	ng	#	6
25) Isophorone	7.35	82	835939	42.62	ng	#	67
26) 2-Nitrophenol	7.73	139	215	5.31	ng	#	1
27) 2,4-Dimethylphenol	7.72	122	162551	19.87	ng		90
31) Naphthalene	8.09	128	2444721	91.89	ng		98
32) Benzoic acid	7.83	122	56612	14.64	ng	#	83
33) 4-Chloroaniline	8.09	127	352096	31.38	ng	#	33
37) 2-Methylnaphthalene	8.77	142	485814	29.78	ng		97
49) Dimethylphthalate	9.82	163	55275	4.03	ng	#	1
64) 4,6-Dinitro-2-methylphenol	10.60	198	522	8.61	ng	#	1
66) 4-Bromophenyl-phenylether	10.60	248	12859	3.94	ng	#	1

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

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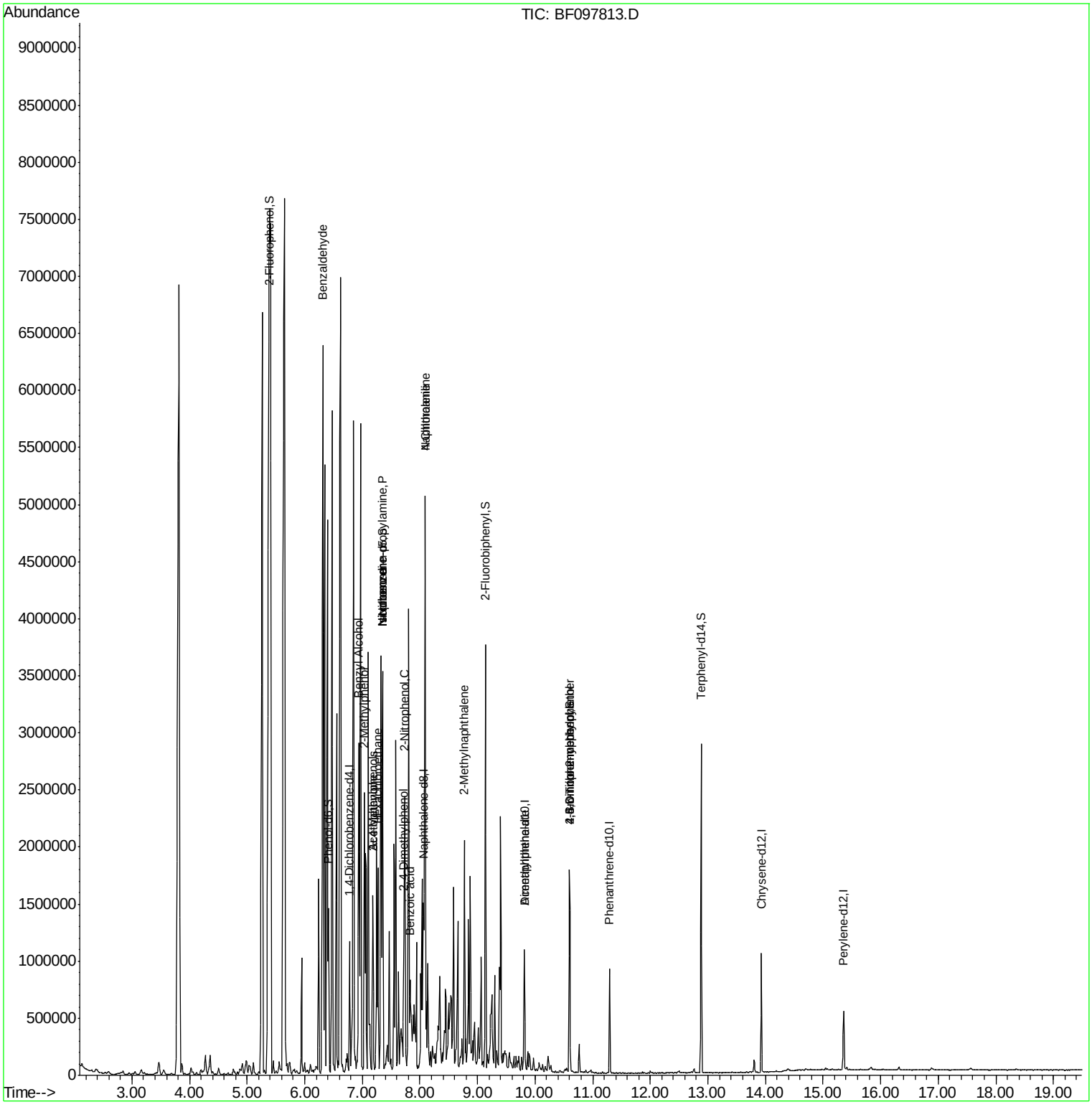
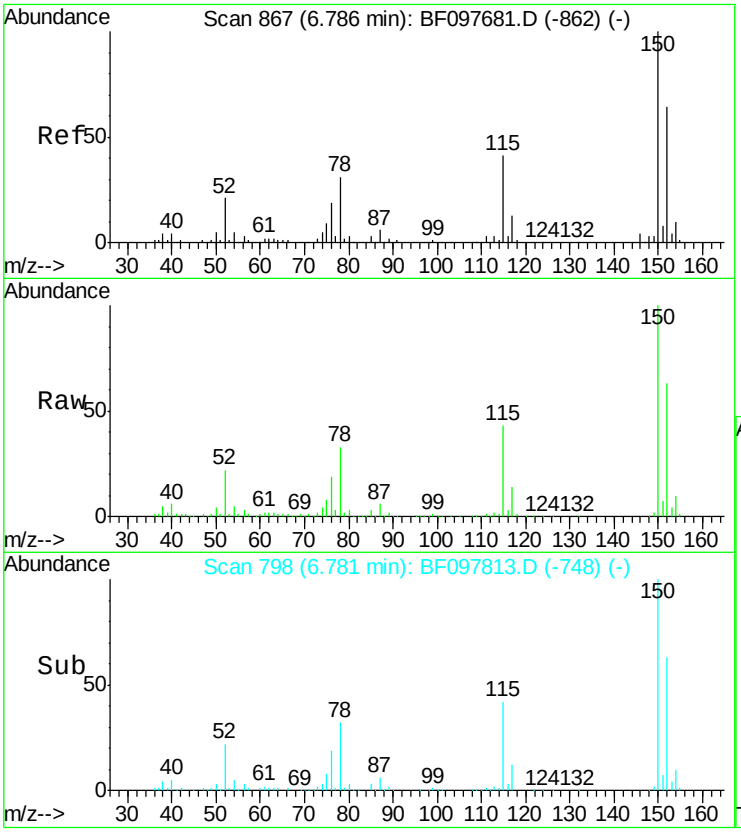


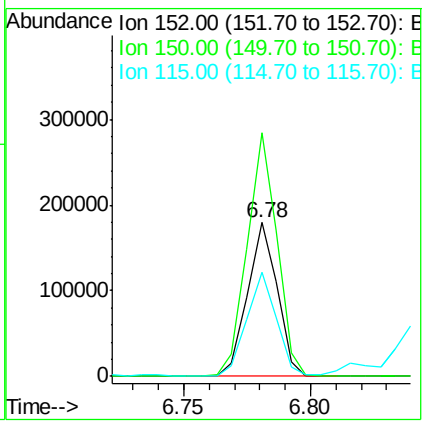


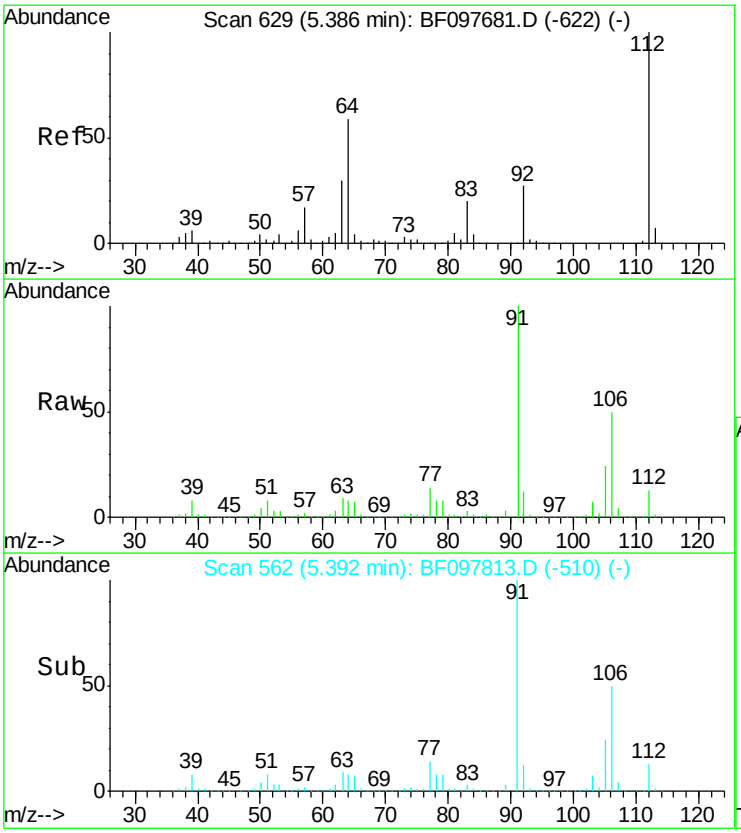
#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.78 min Scan# 798
Delta R.T. -0.01 min
Lab File: BF097813.D
Acq: 18 Aug 2017 4:35

Instrument :
BNA_F
ClientSampleId :
RMAB-MW-12-GW

Tgt Ion:152 Resp: 147094

Ion	Ratio	Lower	Upper
152	100		
150	158.2	126.2	189.2
115	67.4	52.2	78.2

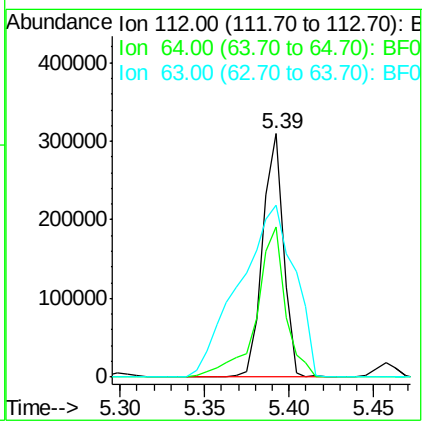


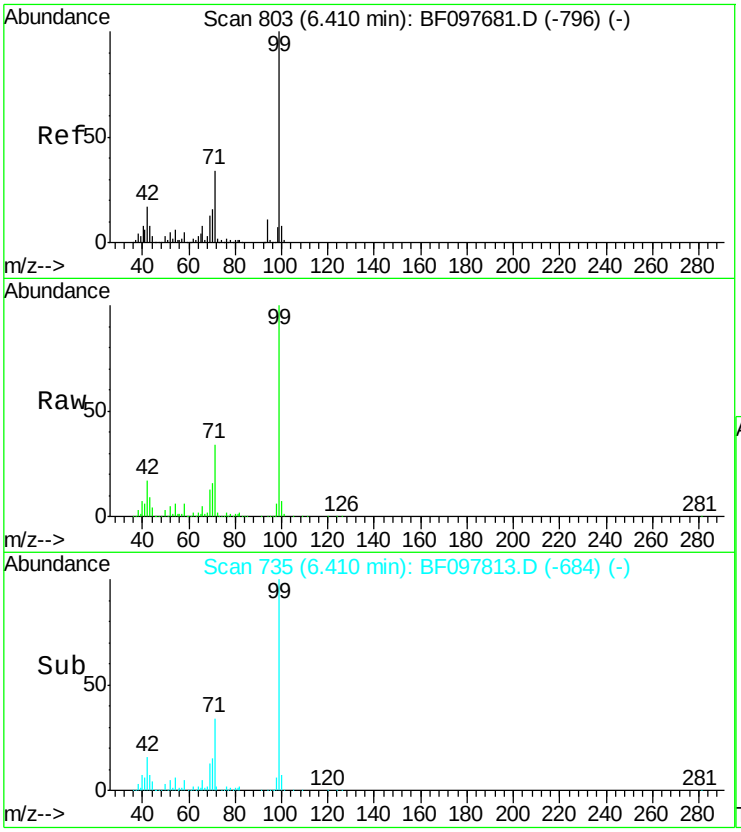


#5
2-Fluorophenol
Concen: 27.37 ng
RT: 5.39 min Scan# 562
Delta R.T. 0.01 min
Lab File: BF097813.D
Acq: 18 Aug 2017 4:35

Tgt Ion:112 Resp: 264652

Ion	Ratio	Lower	Upper
112	100		
64	61.6	46.0	69.0
63	70.6	23.4	35.0#



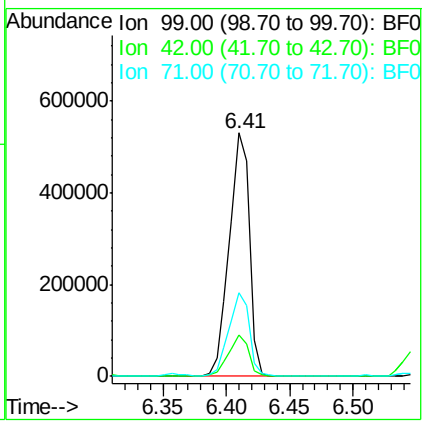


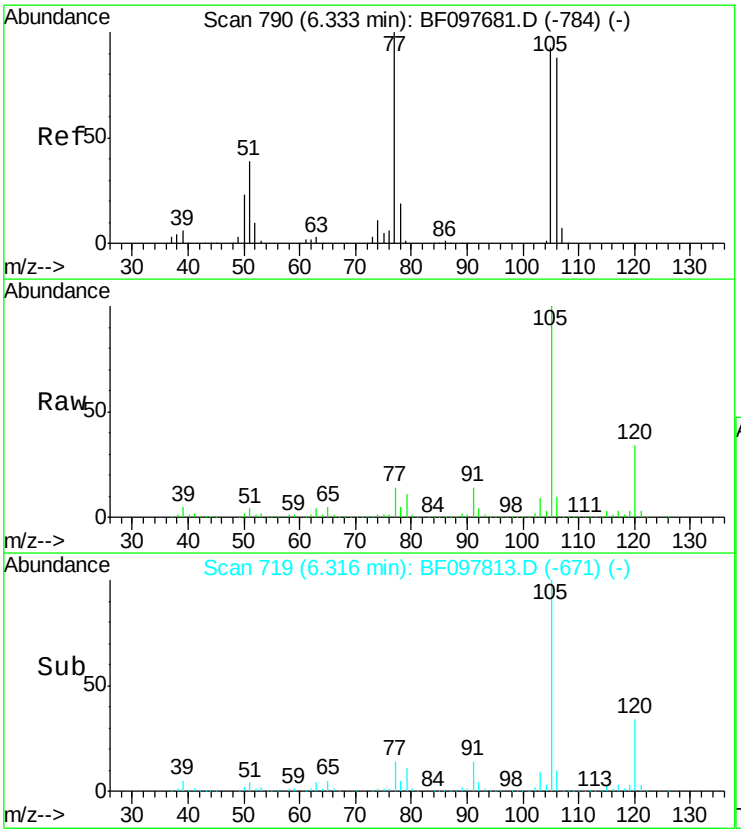
#7
Phenol-d6
Concen: 44.20 ng
RT: 6.41 min Scan# 735
Delta R.T. 0.00 min
Lab File: BF097813.D
Acq: 18 Aug 2017 4:35

Instrument :
BNA_F
ClientSampleId :
RMAB-MW-12-GW

Tgt Ion: 99 Resp: 580783

Ion	Ratio	Lower	Upper
99	100		
42	17.2	13.5	20.3
71	34.2	24.5	36.7

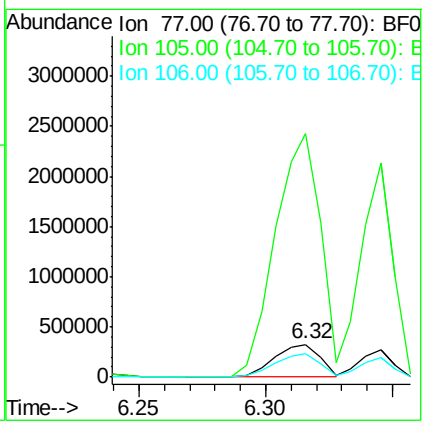


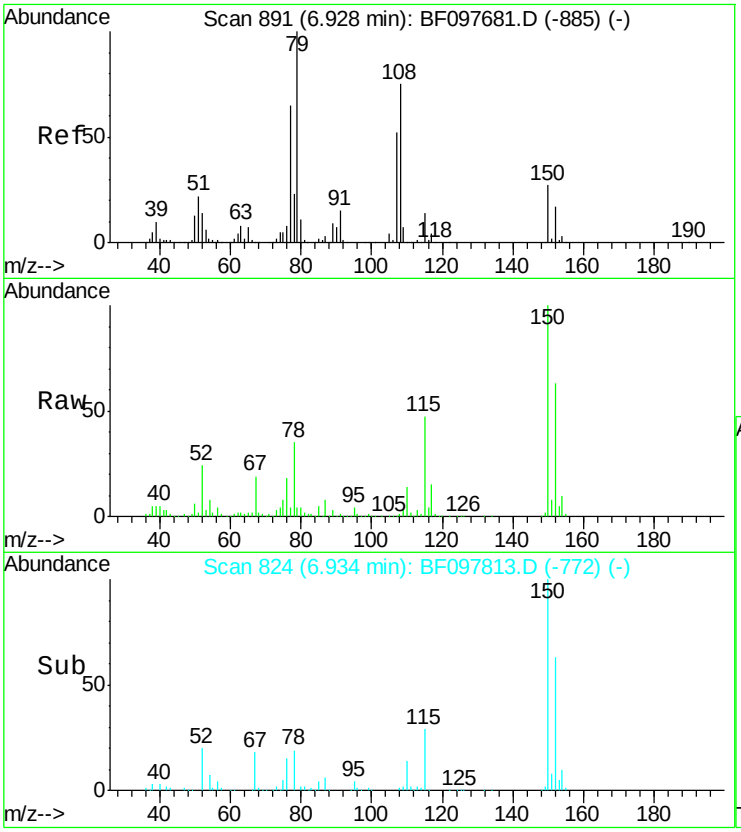


#9
Benzaldehyde
Concen: 48.75 ng
RT: 6.32 min Scan# 719
Delta R.T. -0.02 min
Lab File: BF097813.D
Acq: 18 Aug 2017 4:35

Tgt Ion: 77 Resp: 405742

Ion	Ratio	Lower	Upper
77	100		
105	739.2	83.8	123.8#
106	70.5	79.1	119.1#



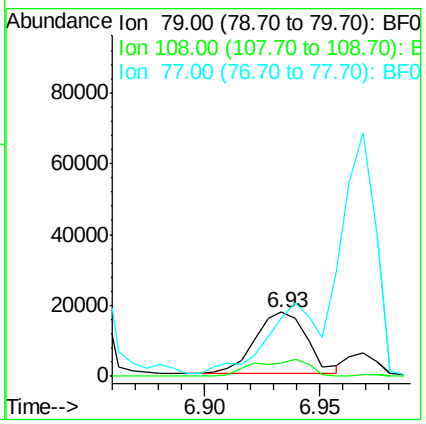


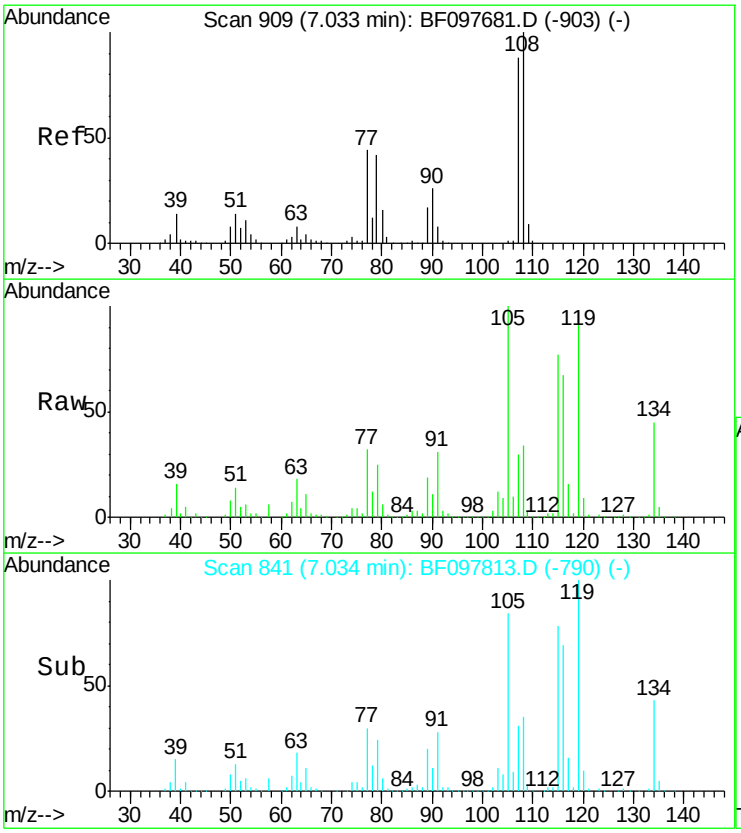
#15
Benzyl Alcohol
Concen: 2.80 ng
RT: 6.93 min Scan# 824
Delta R.T. 0.01 min
Lab File: BF097813.D
Acq: 18 Aug 2017 4:35

Instrument :
BNA_F
ClientSampleId :
RMAB-MW-12-GW

Tgt Ion: 79 Resp: 27504

Ion	Ratio	Lower	Upper
79	100		
108	20.0	63.4	95.0#
77	90.1	49.2	73.8#

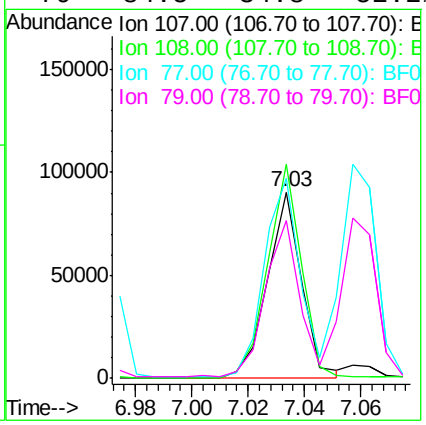


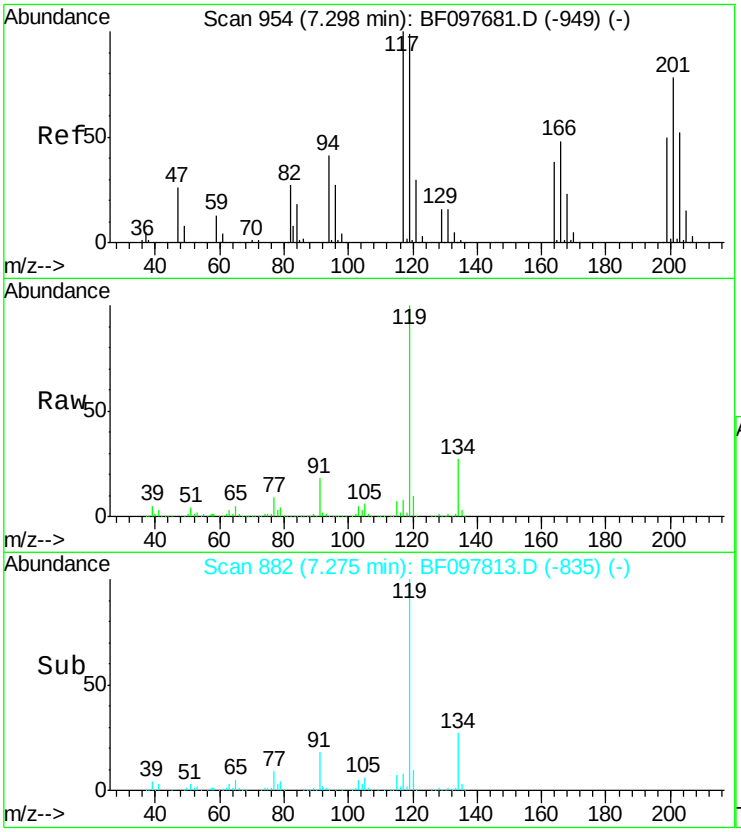


#17
2-Methylphenol
Concen: 8.38 ng
RT: 7.03 min Scan# 841
Delta R.T. 0.00 min
Lab File: BF097813.D
Acq: 18 Aug 2017 4:35

Tgt Ion:107 Resp: 75270

Ion	Ratio	Lower	Upper
107	100		
108	114.7	93.4	140.0
77	107.2	35.8	53.6#
79	84.5	34.8	52.2#



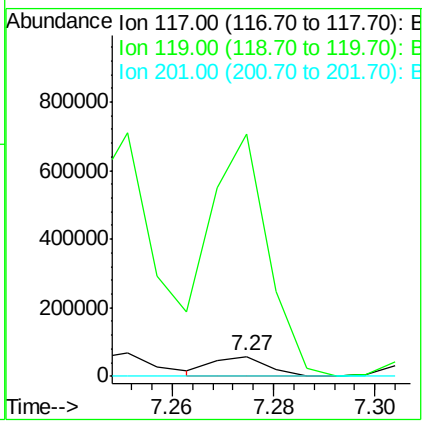


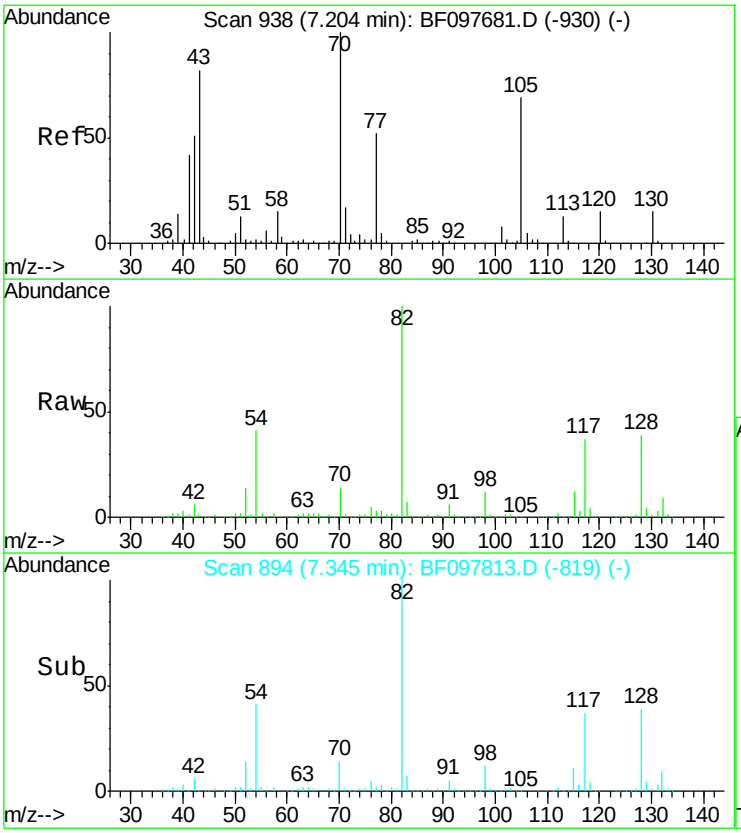
#18
Hexachloroethane
Concen: 10.05 ng
RT: 7.27 min Scan# 882
Delta R.T. -0.02 min
Lab File: BF097813.D
Acq: 18 Aug 2017 4:35

Instrument :
BNA_F
ClientSampleId :
RMAB-MW-12-GW

Tgt Ion:117 Resp: 43966

Ion	Ratio	Lower	Upper
117	100		
119	1222.1	77.4	116.0#
201	0.0	94.6	141.8#

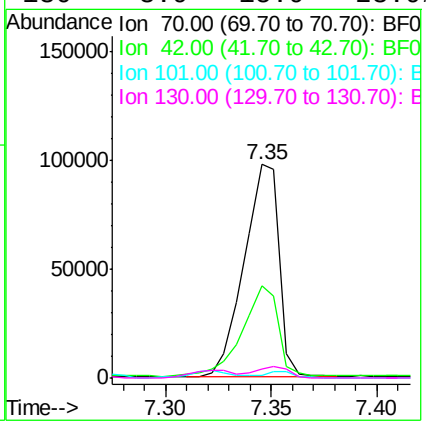


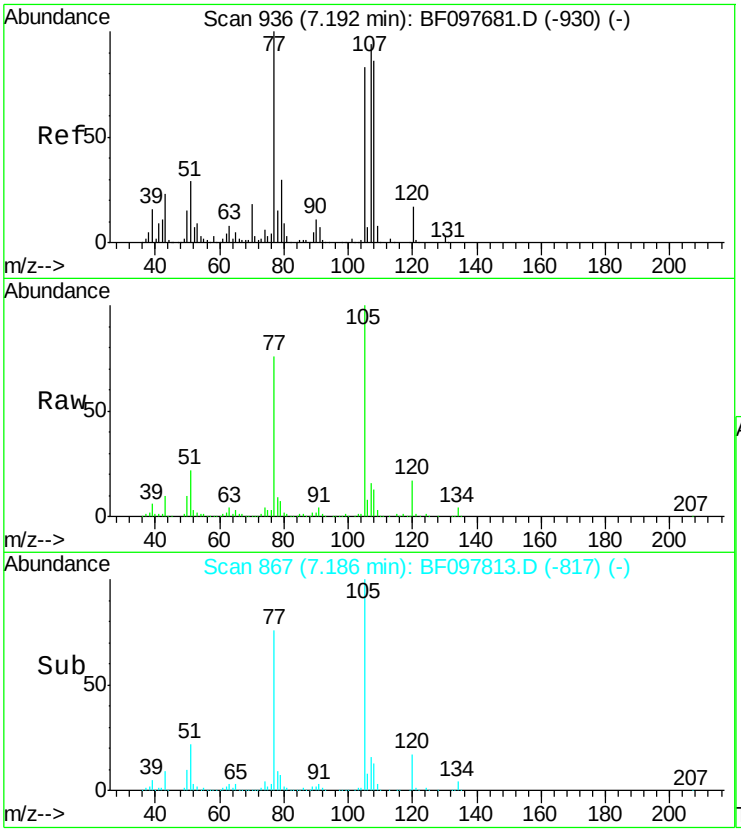


#19
n-Nitroso-di-n-propylamine
Concen: 12.50 ng
RT: 7.35 min Scan# 894
Delta R.T. 0.14 min
Lab File: BF097813.D
Acq: 18 Aug 2017 4:35

Tgt Ion: 70 Resp: 112392

Ion	Ratio	Lower	Upper
70	100		
42	43.1	47.2	70.8#
101	1.4	7.2	10.8#
130	3.9	15.9	23.9#



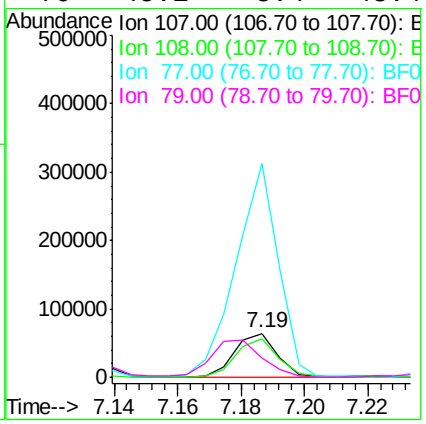


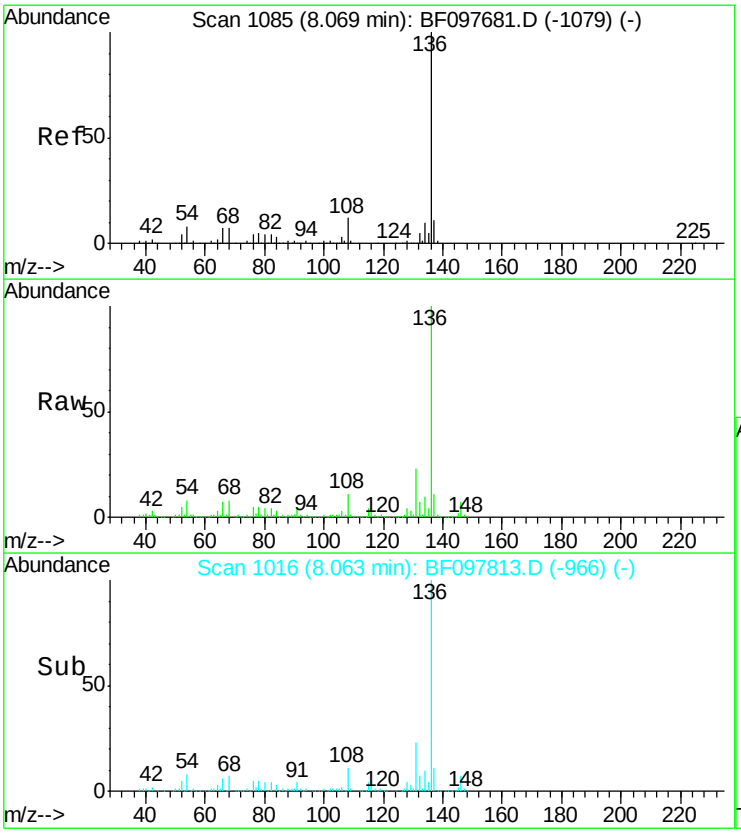
#20
3+4-Methylphenols
Concen: 5.43 ng
RT: 7.19 min Scan# 867
Delta R.T. -0.01 min
Lab File: BF097813.D
Acq: 18 Aug 2017 4:35

Instrument :
BNA_F
ClientSampleId :
RMAB-MW-12-GW

Tgt Ion:107 Resp: 59622

Ion	Ratio	Lower	Upper
107	100		
108	86.2	71.0	111.0
77	485.4	90.5	130.5#
79	45.1	8.4	48.4

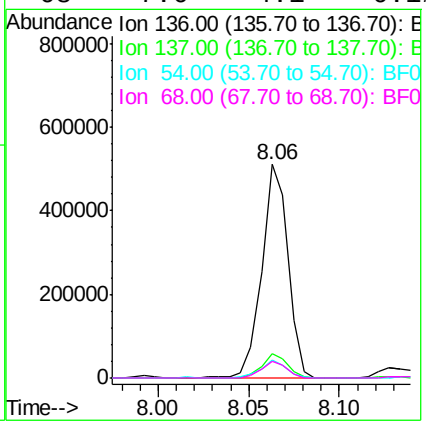


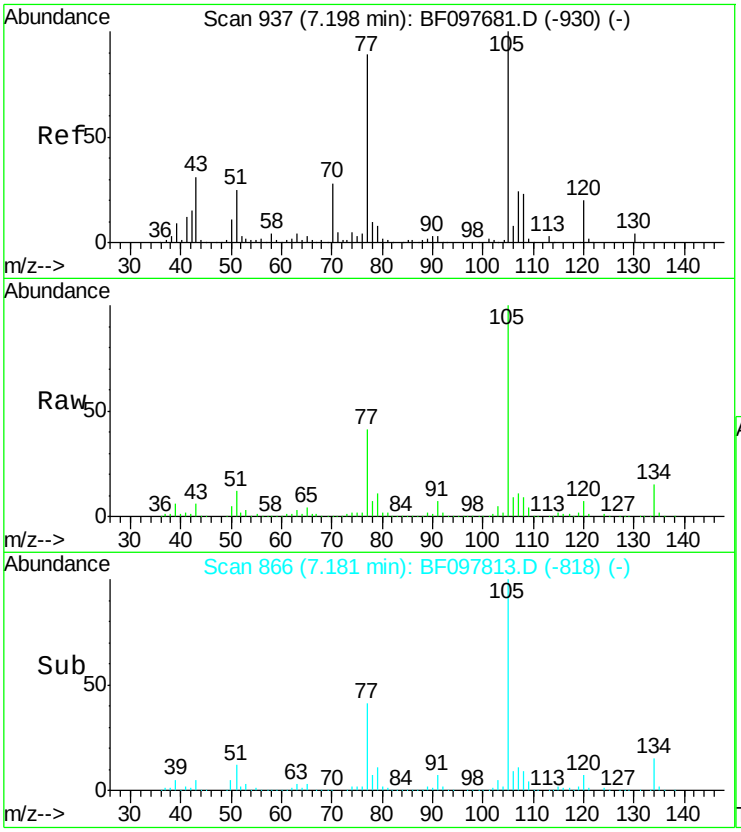


#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.06 min Scan# 1016
Delta R.T. -0.01 min
Lab File: BF097813.D
Acq: 18 Aug 2017 4:35

Tgt Ion:136 Resp: 512456

Ion	Ratio	Lower	Upper
136	100		
137	11.2	8.5	12.7
54	8.1	4.9	7.3#
68	7.6	4.1	6.1#



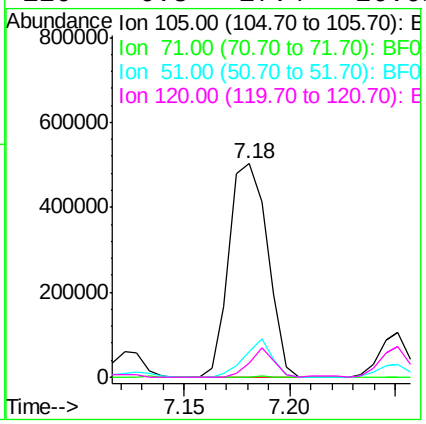


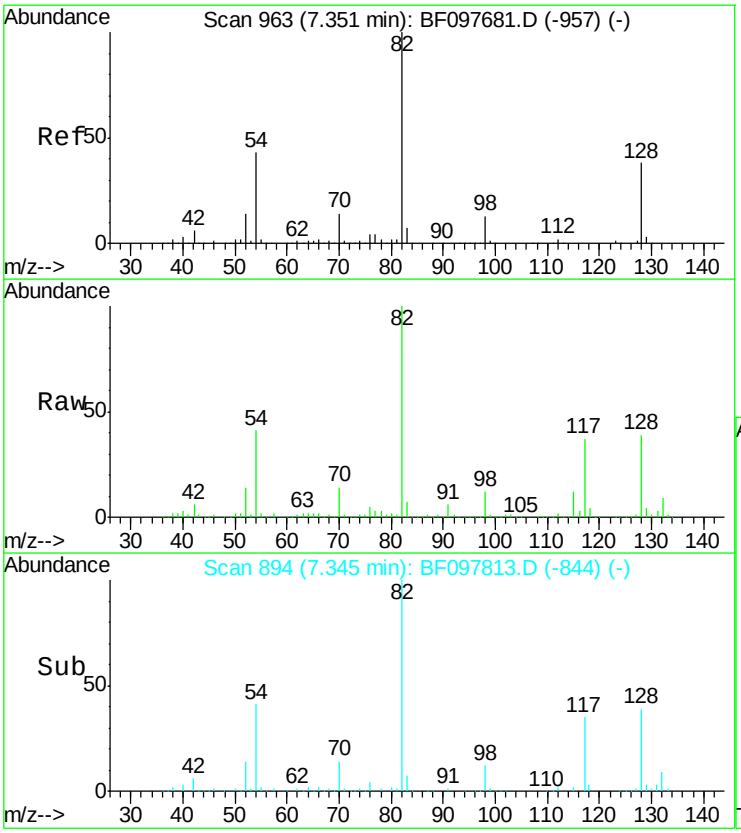
#22
Acetophenone
Concen: 46.93 ng
RT: 7.18 min Scan# 866
Delta R.T. -0.02 min
Lab File: BF097813.D
Acq: 18 Aug 2017 4:35

Instrument :
BNA_F
ClientSampleId :
RMAB-MW-12-GW

Tgt Ion:105 Resp: 635286

Ion	Ratio	Lower	Upper
105	100		
71	0.3	2.8	4.2#
51	11.9	30.7	46.1#
120	6.8	17.4	26.0#

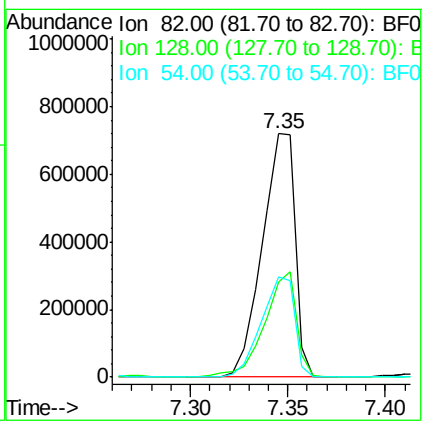


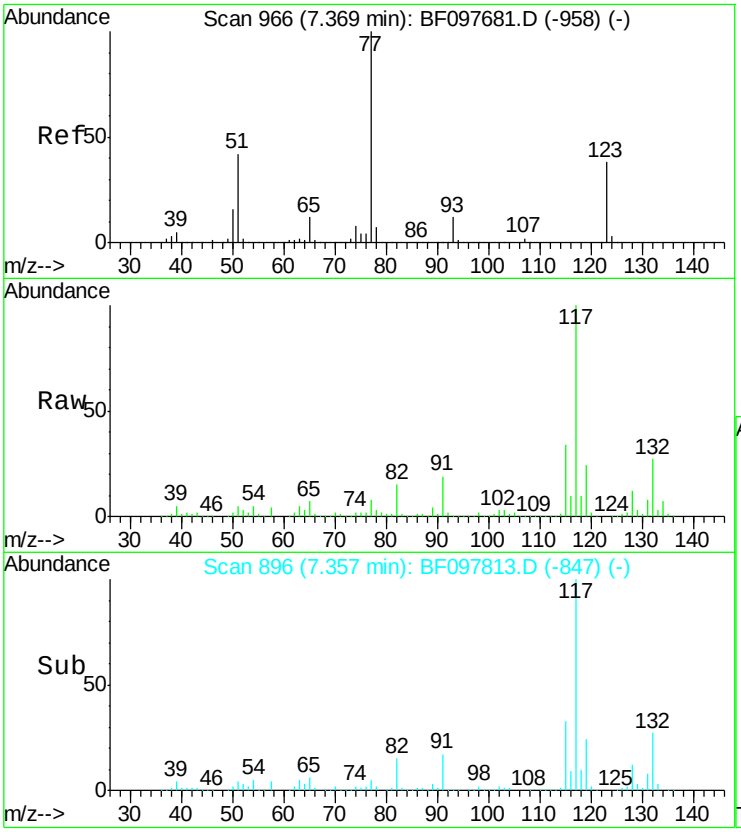


#23
Nitrobenzene-d5
Concen: 89.06 ng
RT: 7.35 min Scan# 894
Delta R.T. -0.01 min
Lab File: BF097813.D
Acq: 18 Aug 2017 4:35

Tgt Ion: 82 Resp: 840110

Ion	Ratio	Lower	Upper
82	100		
128	39.1	34.0	51.0
54	41.3	42.2	63.2#



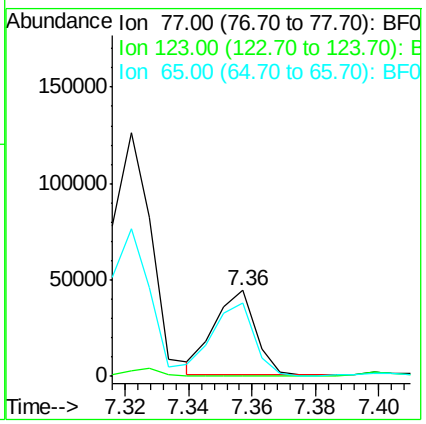


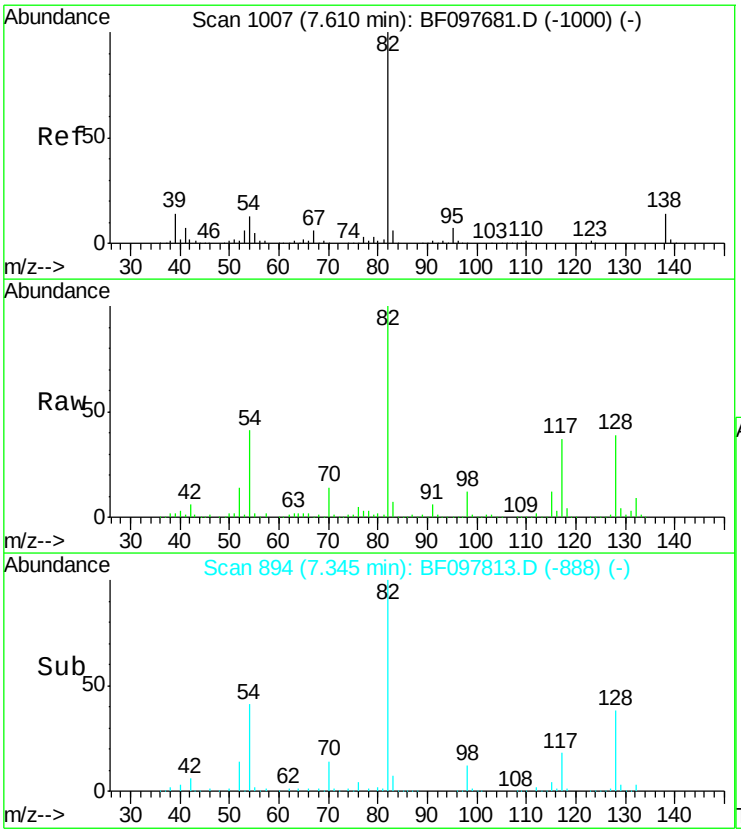
#24
Nitrobenzene
Concen: 3.70 ng
RT: 7.36 min Scan# 896
Delta R.T. -0.01 min
Lab File: BF097813.D
Acq: 18 Aug 2017 4:35

Instrument :
BNA_F
ClientSampleId :
RMAB-MW-12-GW

Tgt Ion: 77 Resp: 38827

Ion	Ratio	Lower	Upper
77	100		
123	0.0	35.8	53.8#
65	85.3	10.6	15.8#

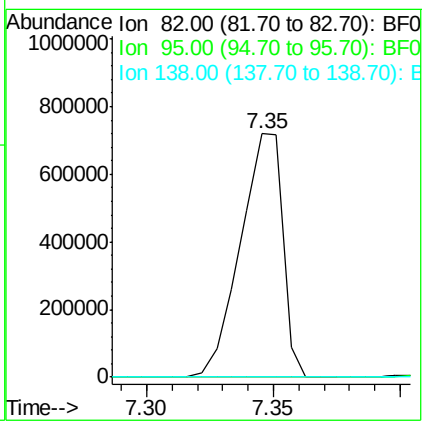


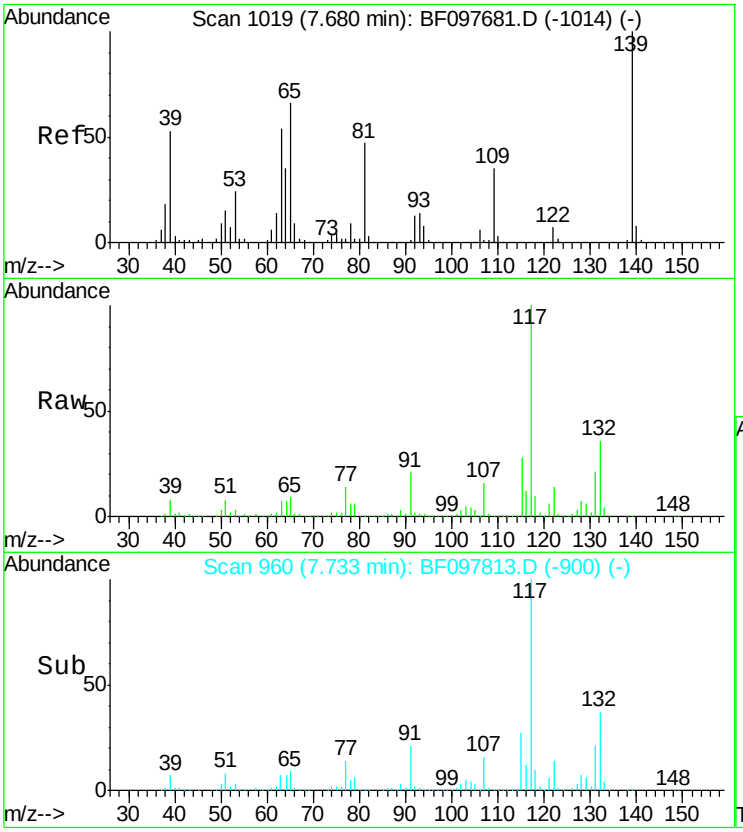


#25
Isophorone
Concen: 42.62 ng
RT: 7.35 min Scan# 894
Delta R.T. -0.26 min
Lab File: BF097813.D
Acq: 18 Aug 2017 4:35

Tgt Ion: 82 Resp: 835939

Ion	Ratio	Lower	Upper
82	100		
95	0.1	5.3	7.9#
138	0.0	13.1	19.7#



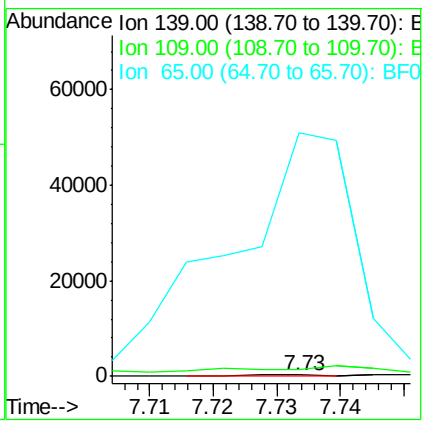


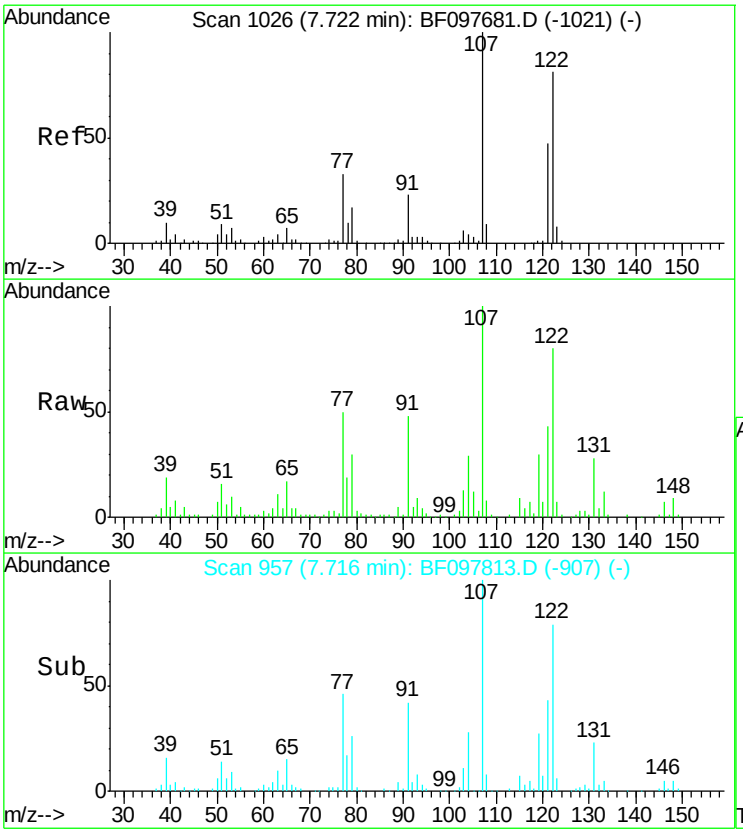
#26
2-Nitrophenol
Concen: 5.31 ng
RT: 7.73 min Scan# 960
Delta R.T. 0.05 min
Lab File: BF097813.D
Acq: 18 Aug 2017 4:35

Instrument :
BNA_F
ClientSampleId :
RMAB-MW-12-GW

Tgt Ion:139 Resp: 215

Ion	Ratio	Lower	Upper
139	100		
109	444.8	21.0	31.6#
65	16545.5	33.0	49.6#

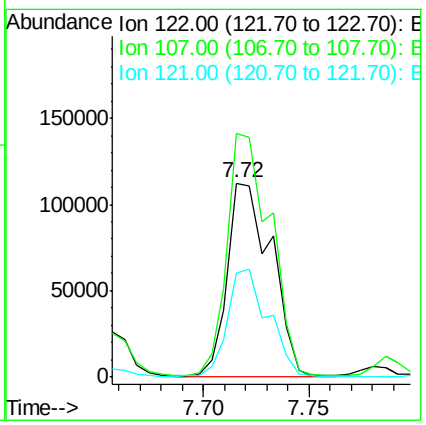


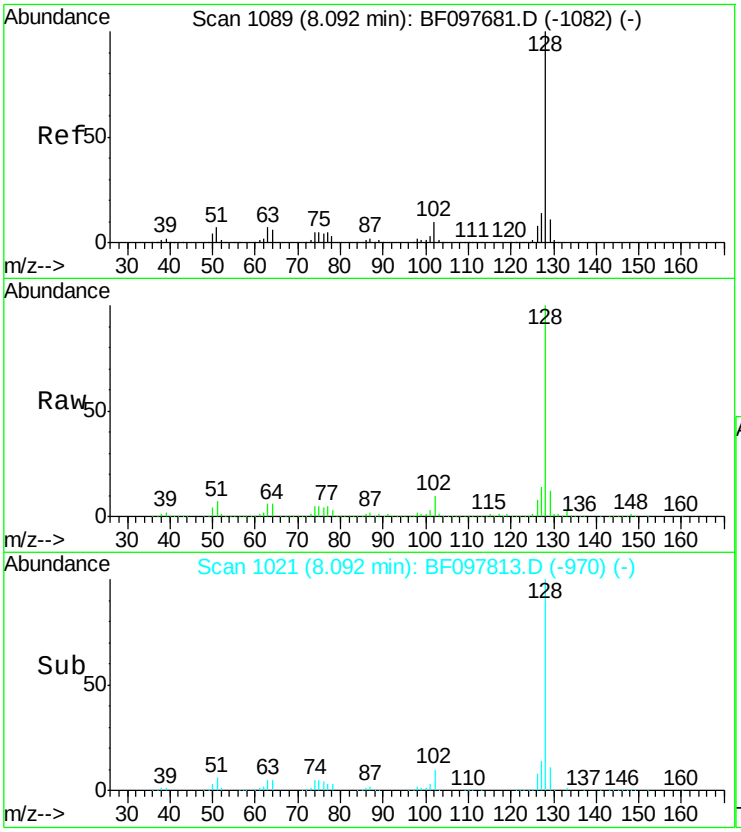


#27
2,4-Dimethylphenol
Concen: 19.87 ng
RT: 7.72 min Scan# 957
Delta R.T. -0.01 min
Lab File: BF097813.D
Acq: 18 Aug 2017 4:35

Tgt Ion:122 Resp: 162551

Ion	Ratio	Lower	Upper
122	100		
107	125.5	89.2	133.8
121	53.8	45.2	67.8



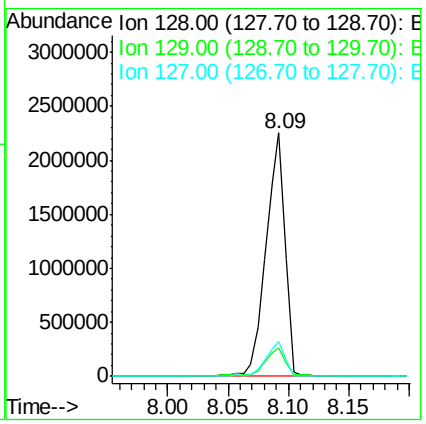


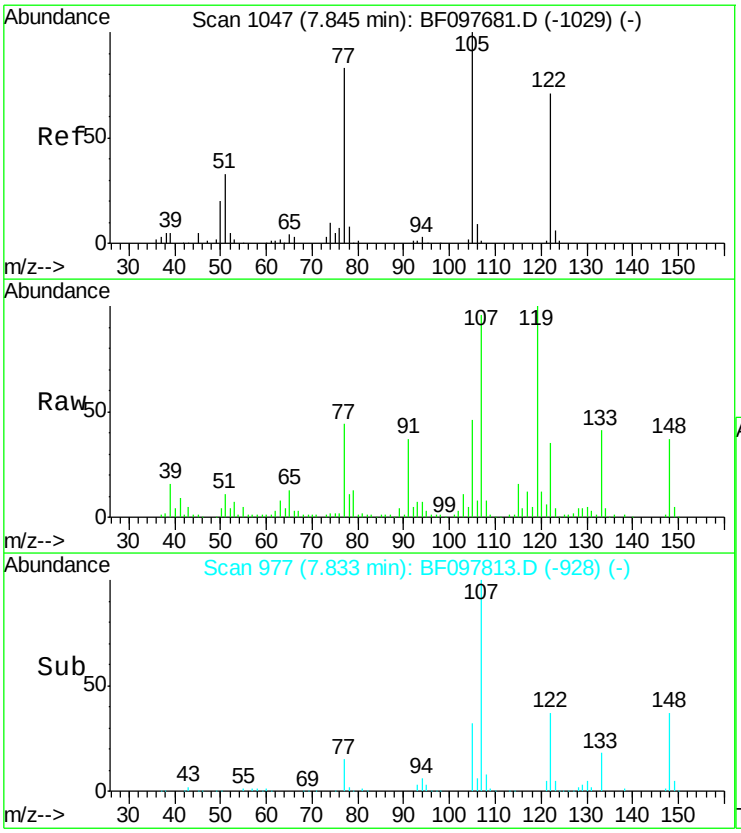
#31
Naphthalene
Concen: 91.89 ng
RT: 8.09 min Scan# 1021
Delta R.T. 0.00 min
Lab File: BF097813.D
Acq: 18 Aug 2017 4:35

Instrument :
BNA_F
ClientSampleId :
RMAB-MW-12-GW

Tgt Ion:128 Resp: 2444721

Ion	Ratio	Lower	Upper
128	100		
129	11.8	9.0	13.6
127	14.2	10.8	16.2

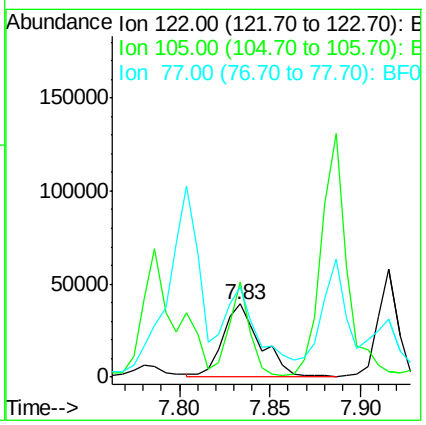


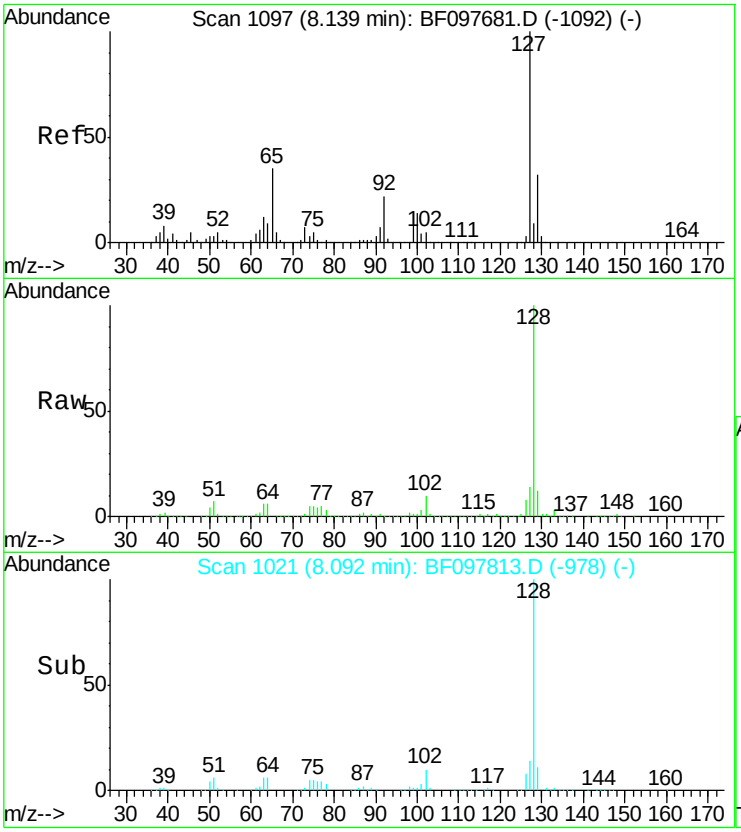


#32
Benzoic acid
Concen: 14.64 ng
RT: 7.83 min Scan# 977
Delta R.T. -0.01 min
Lab File: BF097813.D
Acq: 18 Aug 2017 4:35

Tgt Ion:122 Resp: 56612

Ion	Ratio	Lower	Upper
122	100		
105	129.7	103.3	143.3
77	123.6	73.7	113.7#



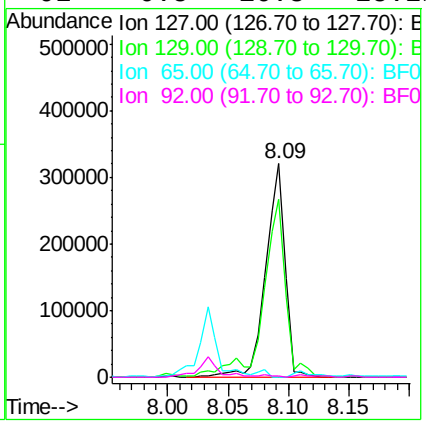


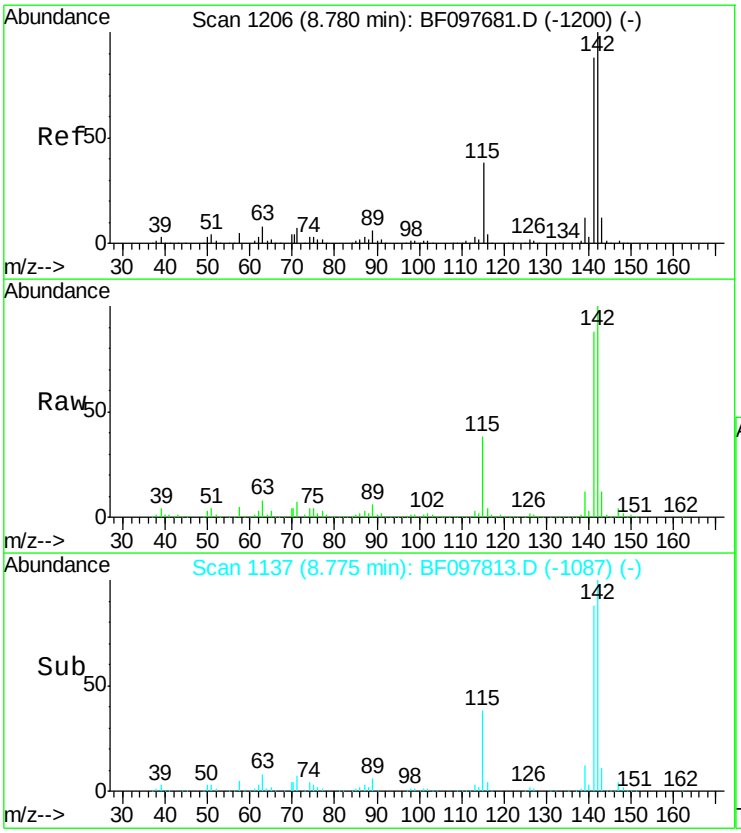
#33
4-Chloroaniline
Concen: 31.38 ng
RT: 8.09 min Scan# 1021
Delta R.T. -0.05 min
Lab File: BF097813.D
Acq: 18 Aug 2017 4:35

Instrument :
BNA_F
ClientSampleId :
RMAB-MW-12-GW

Tgt Ion:127 Resp: 352096

Ion	Ratio	Lower	Upper
127	100		
129	83.3	26.2	39.2#
65	0.0	27.8	41.8#
92	0.5	16.8	25.2#

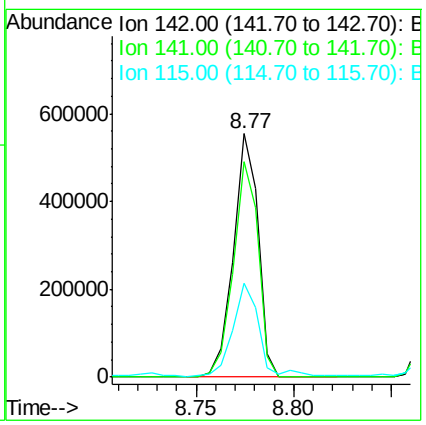


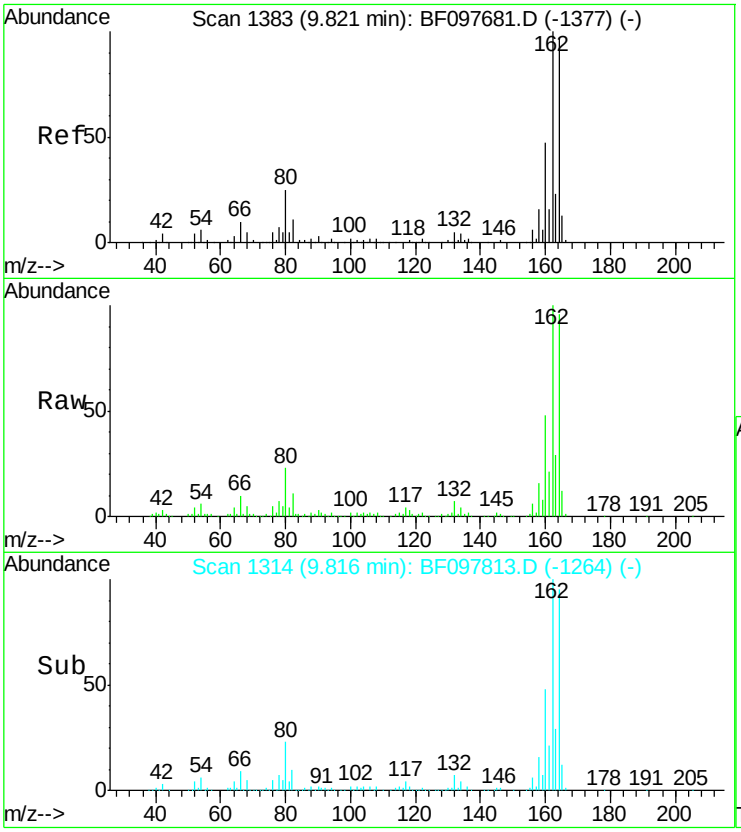


#37
2-Methylnaphthalene
Concen: 29.78 ng
RT: 8.77 min Scan# 1137
Delta R.T. -0.01 min
Lab File: BF097813.D
Acq: 18 Aug 2017 4:35

Tgt Ion:142 Resp: 485814

Ion	Ratio	Lower	Upper
142	100		
141	88.3	71.3	106.9
115	38.4	27.1	40.7



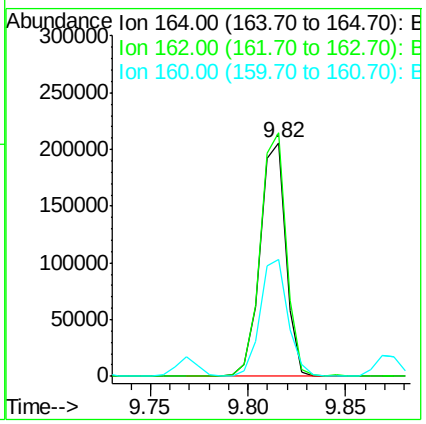


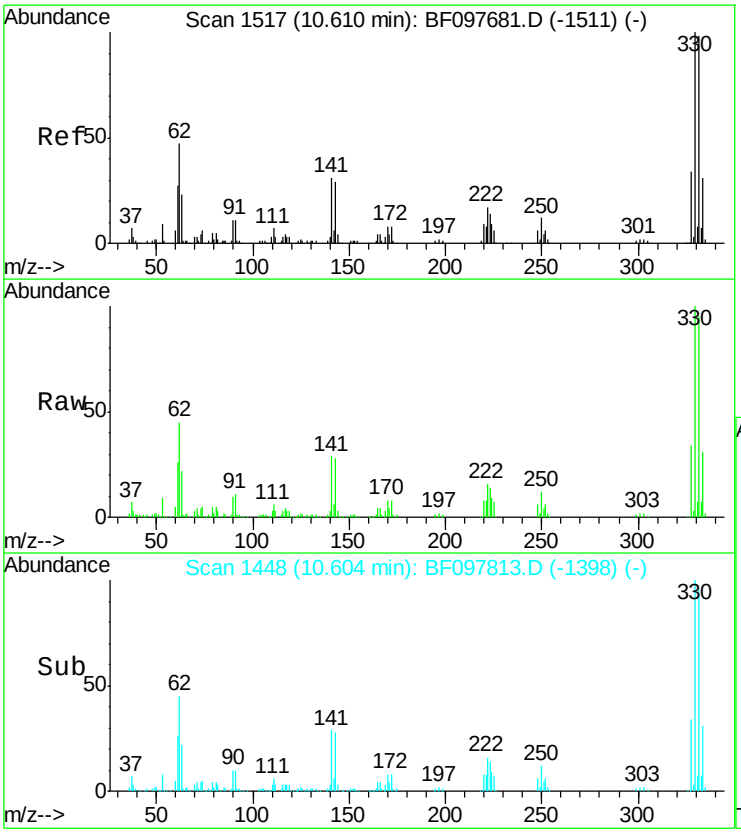
#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.82 min Scan# 1314
Delta R.T. -0.01 min
Lab File: BF097813.D
Acq: 18 Aug 2017 4:35

Instrument :
BNA_F
ClientSampleId :
RMAB-MW-12-GW

Tgt Ion:164 Resp: 187560

Ion	Ratio	Lower	Upper
164	100		
162	104.2	82.6	123.8
160	50.3	36.2	54.2

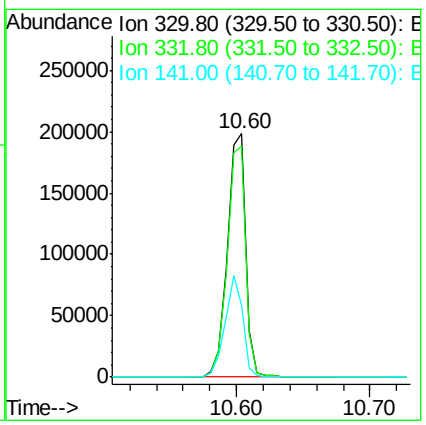


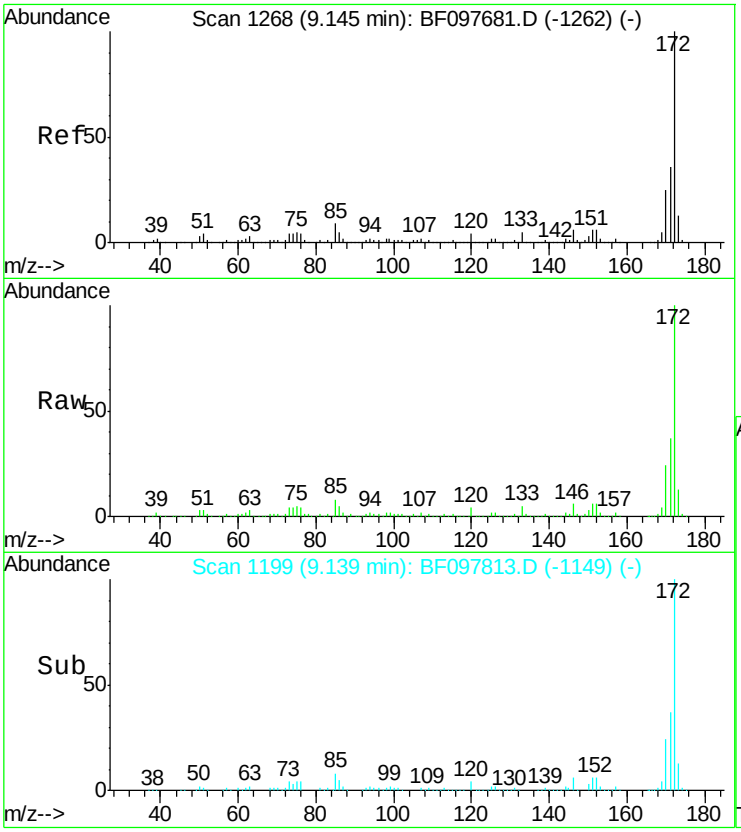


#41
2,4,6-Tribromophenol
Concen: 118.44 ng
RT: 10.60 min Scan# 1448
Delta R.T. -0.01 min
Lab File: BF097813.D
Acq: 18 Aug 2017 4:35

Tgt Ion:330 Resp: 192752

Ion	Ratio	Lower	Upper
330	100		
332	95.6	76.6	115.0
141	40.7	31.4	47.2



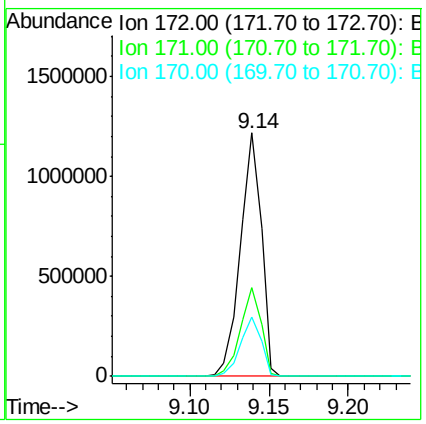


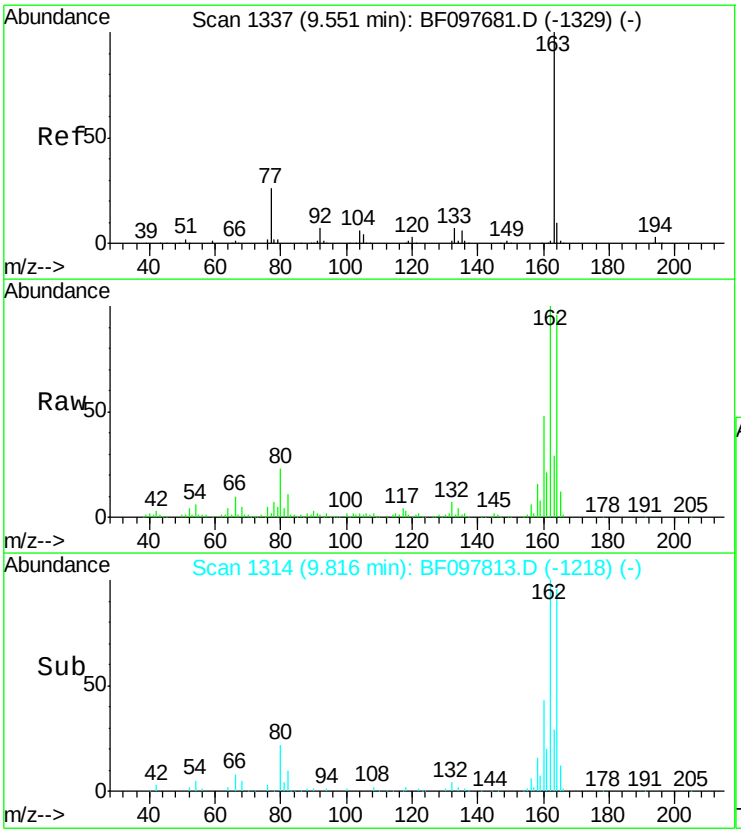
#44
2-Fluorobiphenyl
Concen: 87.22 ng
RT: 9.14 min Scan# 1199
Delta R.T. -0.01 min
Lab File: BF097813.D
Acq: 18 Aug 2017 4:35

Instrument :
BNA_F
ClientSampleId :
RMAB-MW-12-GW

Tgt Ion:172 Resp: 1113486

Ion	Ratio	Lower	Upper
172	100		
171	36.6	29.6	44.4
170	24.4	19.8	29.8

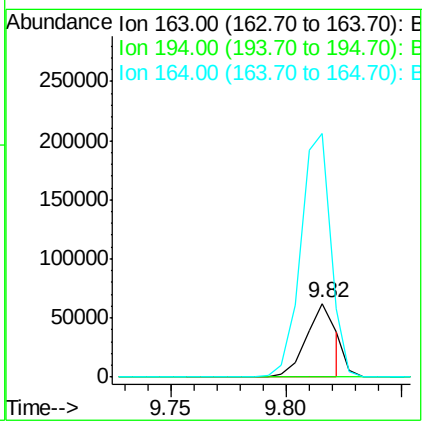


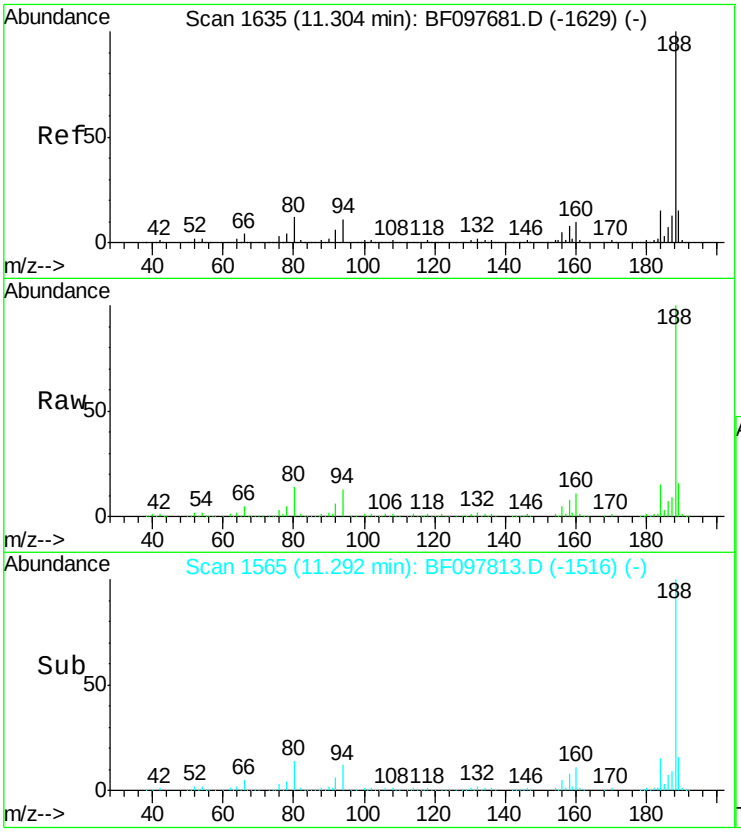


#49
Dimethylphthalate
Concen: 4.03 ng
RT: 9.82 min Scan# 1314
Delta R.T. 0.26 min
Lab File: BF097813.D
Acq: 18 Aug 2017 4:35

Tgt Ion:163 Resp: 55275

Ion	Ratio	Lower	Upper
163	100		
194	0.0	2.6	4.0#
164	329.4	8.4	12.6#



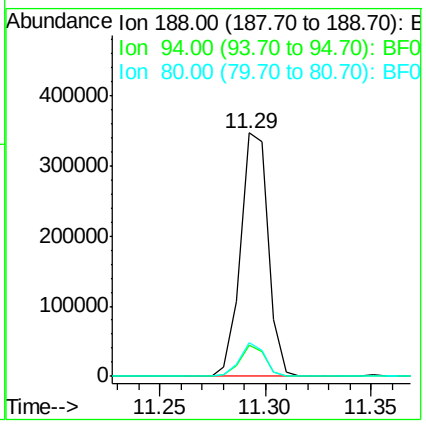


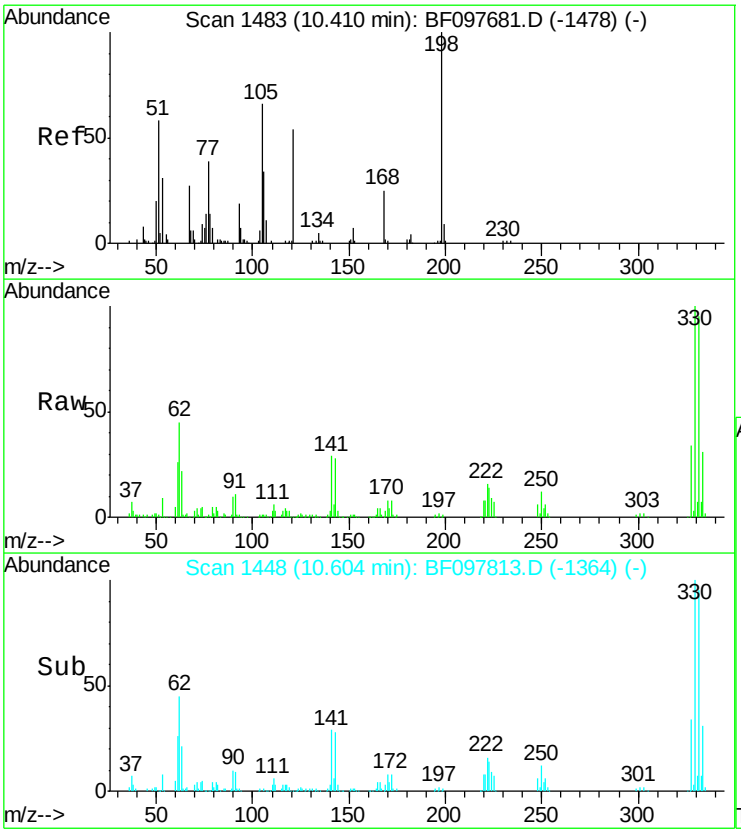
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.29 min Scan# 1565
Delta R.T. -0.01 min
Lab File: BF097813.D
Acq: 18 Aug 2017 4:35

Instrument :
BNA_F
ClientSampleId :
RMAB-MW-12-GW

Tgt Ion:188 Resp: 314338

Ion	Ratio	Lower	Upper
188	100		
94	12.6	9.4	14.2
80	13.8	10.2	15.2

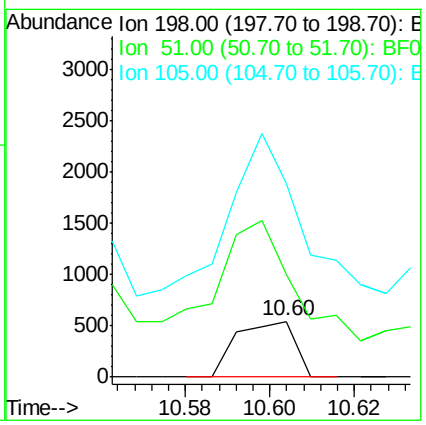


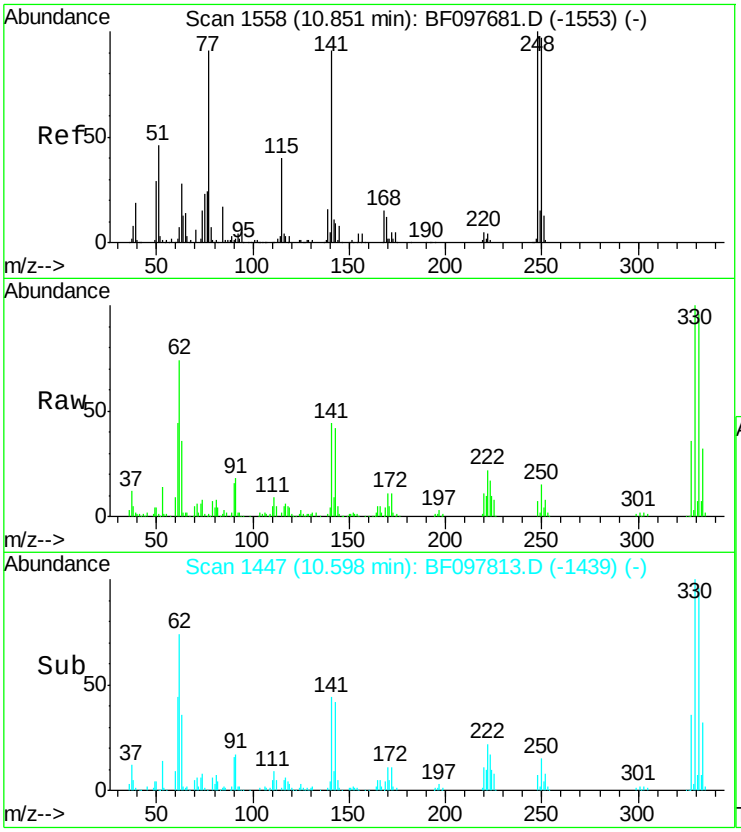


#64
4,6-Dinitro-2-methylphenol
Concen: 8.61 ng
RT: 10.60 min Scan# 1448
Delta R.T. 0.19 min
Lab File: BF097813.D
Acq: 18 Aug 2017 4:35

Tgt Ion:198 Resp: 522

Ion	Ratio	Lower	Upper
198	100		
51	185.8	53.2	93.2#
105	348.6	45.8	85.8#



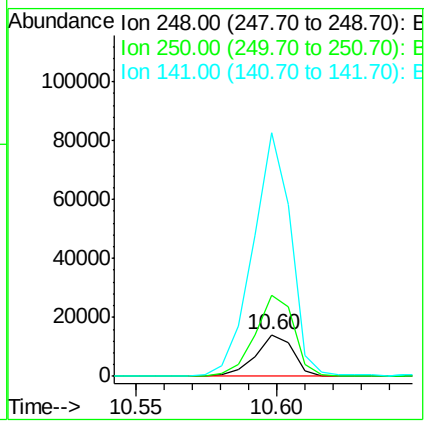


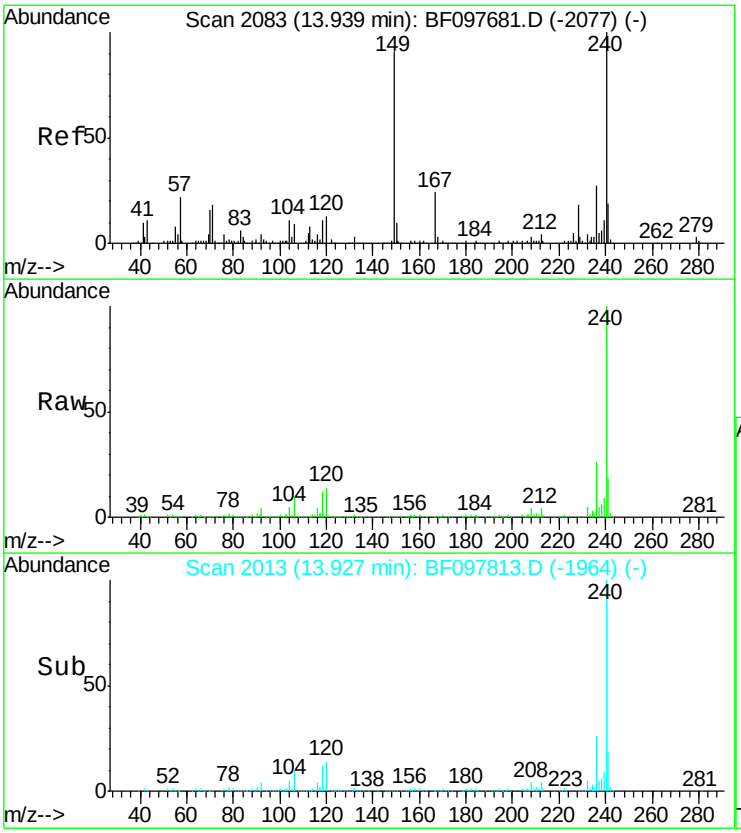
#66
4-Bromophenyl-phenylether
Concen: 3.94 ng
RT: 10.60 min Scan# 1447
Delta R.T. -0.25 min
Lab File: BF097813.D
Acq: 18 Aug 2017 4:35

Instrument :
BNA_F
ClientSampleId :
RMAB-MW-12-GW

Tgt Ion:248 Resp: 12859

Ion	Ratio	Lower	Upper
248	100		
250	193.8	76.8	115.2#
141	583.1	68.6	103.0#

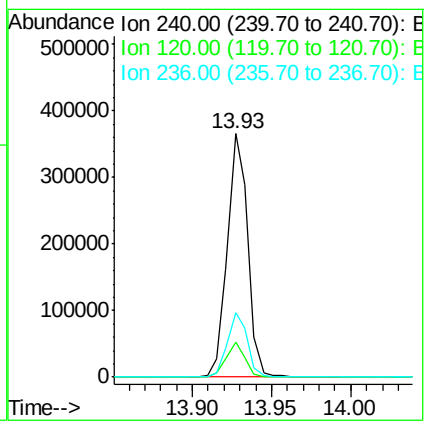


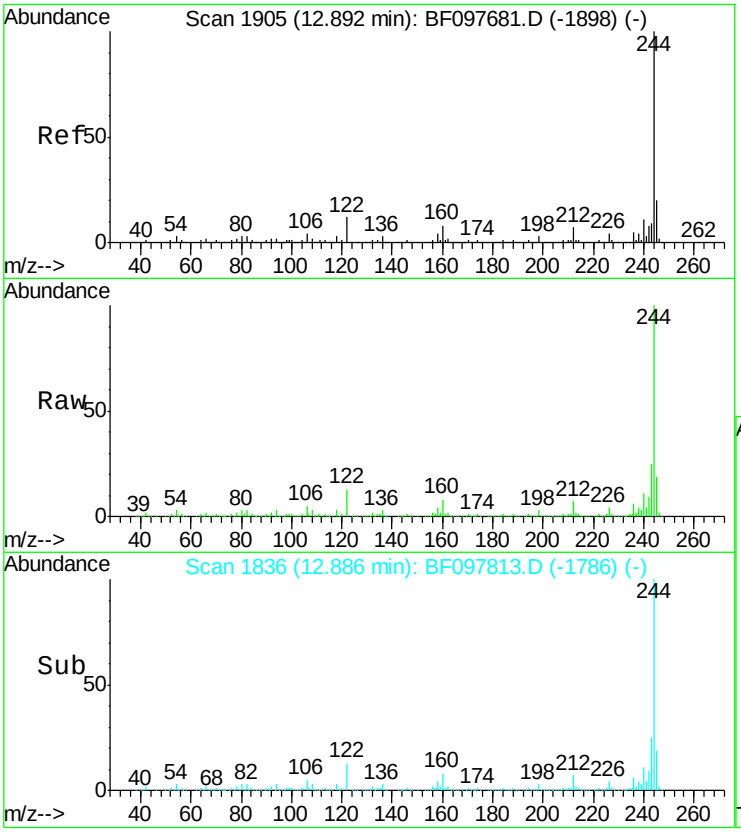


#75
Chrysene-d12
Concen: 20.00 ng
RT: 13.93 min Scan# 2013
Delta R.T. -0.01 min
Lab File: BF097813.D
Acq: 18 Aug 2017 4:35

Tgt Ion:240 Resp: 325271

Ion	Ratio	Lower	Upper
240	100		
120	14.1	5.8	8.8#
236	26.5	20.5	30.7



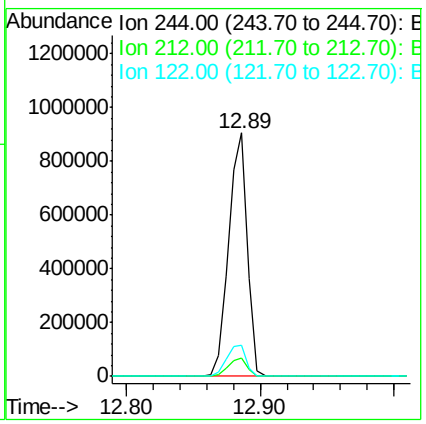


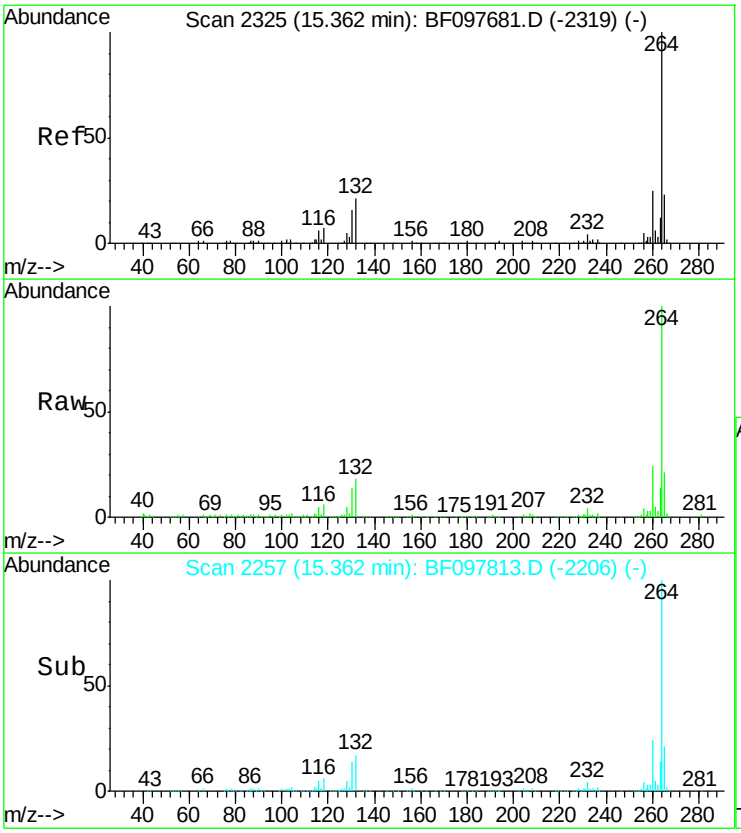
#78
Terphenyl-d14
Concen: 57.29 ng
RT: 12.89 min Scan# 1836
Delta R.T. -0.01 min
Lab File: BF097813.D
Acq: 18 Aug 2017 4:35

Instrument :
BNA_F
ClientSampleId :
RMAB-MW-12-GW

Tgt Ion:244 Resp: 893589

Ion	Ratio	Lower	Upper
244	100		
212	7.5	6.0	9.0
122	12.9	10.3	15.5





#86
Perylene-d12
Concen: 20.00 ng
RT: 15.36 min Scan# 2257
Delta R.T. 0.00 min
Lab File: BF097813.D
Acq: 18 Aug 2017 4:35

Tgt Ion:264 Resp: 227849

Ion	Ratio	Lower	Upper
264	100		
260	24.3	19.5	29.3
265	20.5	17.2	25.8