Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF080517\
Data File : BF097422.D
Acq On : 6 Aug 2017 6:07
Operator : SJ/JU
Sample : I4545-01
Misc :
ALS Vial : 31 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : E2-O9-BASE

Quant Time: Aug 06 07:54:39 2017
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF072517.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Aug 04 01:17:22 2017
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.43	152	77154	20.00	ng		-0.07
21) Naphthalene-d8	7.70	136	283978	20.00	ng		-0.08
38) Acenaphthene-d10	9.45	164	97847	20.00	ng		-0.08
63) Phenanthrene-d10	10.92	188	174483	20.00	ng		-0.08
75) Chrysene-d12	13.54	240	164625	20.00	ng		-0.08
86) Perylene-d12	14.89	264	100081	20.00	ng		-0.09
System Monitoring Compounds							
5) 2-Fluorophenol	5.02	112	325598	63.62	ng		-0.08
7) Phenol-d6	6.09	99	382805	65.52	ng		-0.08
23) Nitrobenzene-d5	6.99	82	168589	34.83	ng		-0.08
41) 2,4,6-Tribromophenol	10.24	330	42178	54.56	ng		-0.08
44) 2-Fluorobiphenyl	8.78	172	187127	32.46	ng		-0.09
78) Terphenyl-d14	12.50	244	135595	16.79	ng		-0.08
Target Compounds							Qvalue
11) bis(2-Chloroethyl)ether	6.17	93	16065	2.93	ng		89
13) 1,4-Dichlorobenzene	6.45	146	14966	2.56	ng		96
14) 1,2-Dichlorobenzene	6.59	146	11798	2.31	ng		96
16) 2,2'-oxybis(1-Chloropropan	6.72	45	22533	2.05	ng		97
19) n-Nitroso-di-n-propylamine	6.99	70	21522	5.60	ng	#	78
25) Isophorone	6.99	82	168587	17.78	ng	#	67
27) 2,4-Dimethylphenol	7.42	122	9572	2.13	ng		93
31) Naphthalene	7.73	128	160055	11.96	ng		100
32) Benzoic acid	7.54	122	21921	6.52	ng	#	21
33) 4-Chloroaniline	7.73	127	22003	4.04	ng	#	31
37) 2-Methylnaphthalene	8.42	142	72990	8.61	ng		97
49) Dimethylphthalate	9.19	163	49849	6.71	ng		96
51) Acenaphthene	9.48	154	13693	2.46	ng		95
70) Phenanthrene	10.95	178	31833	3.41	ng		99

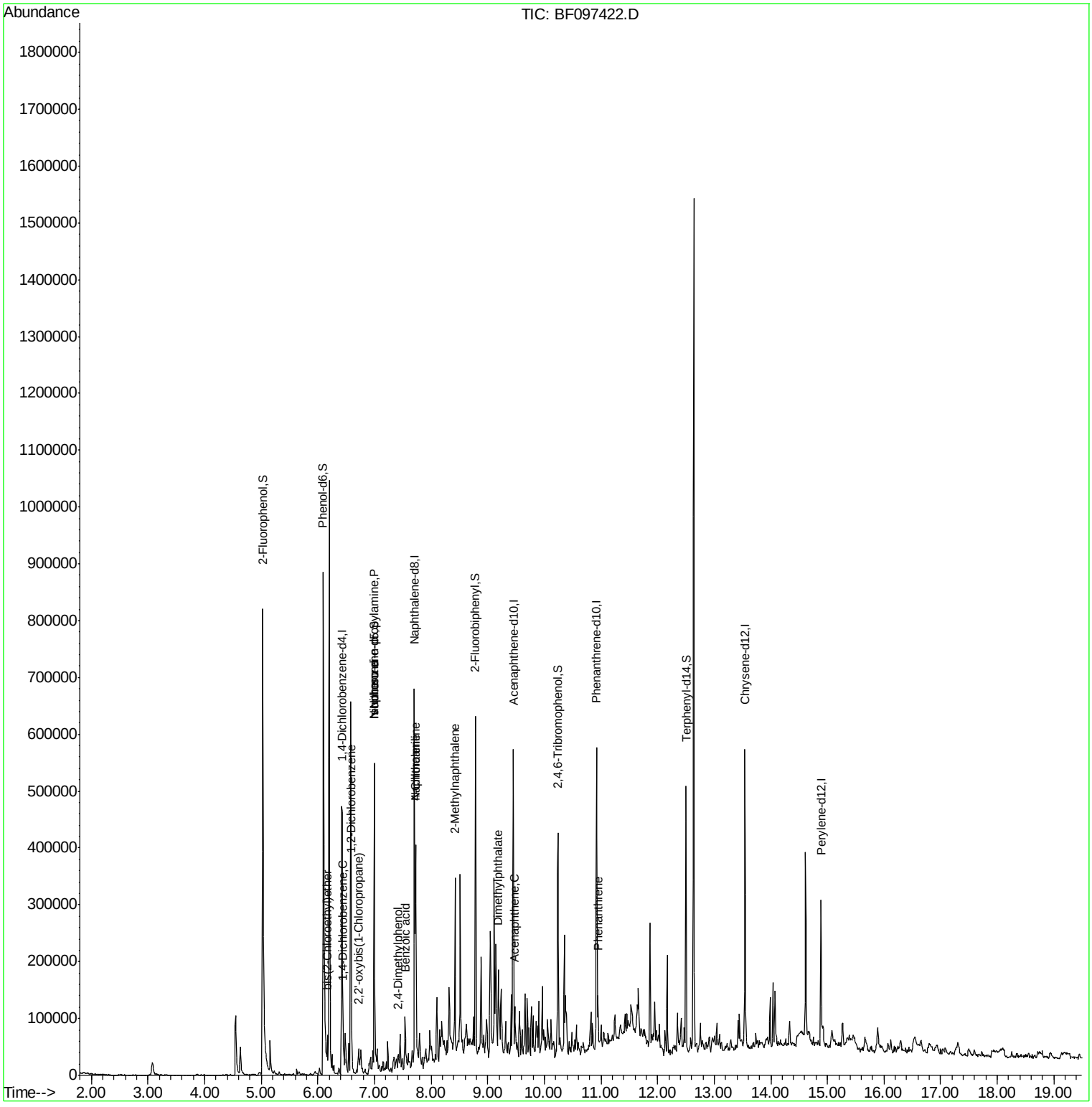
(#) = qualifier out of range (m) = manual integration (+) = signals summed

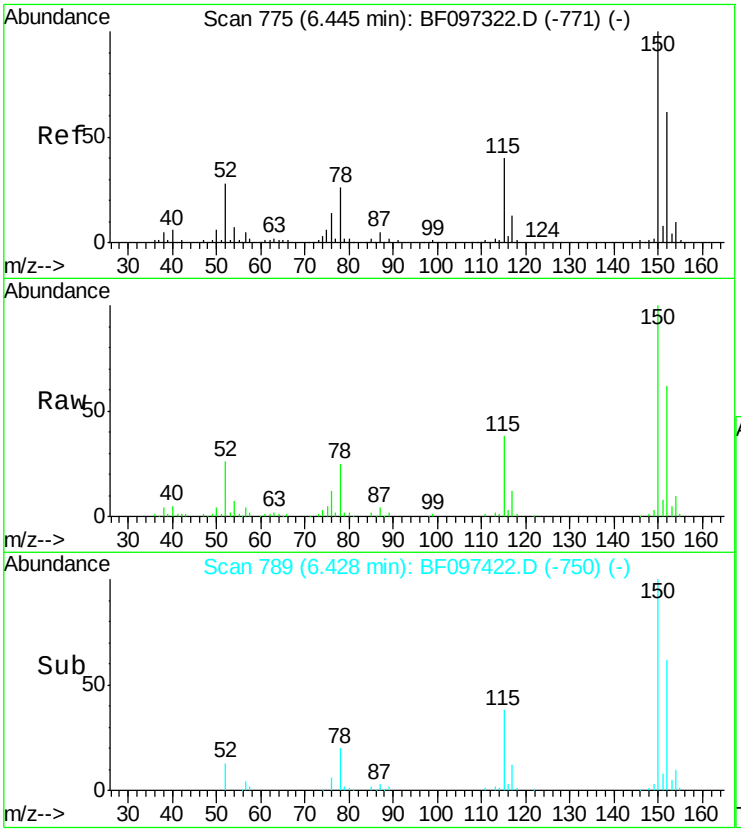
Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF080517\
Data File : BF097422.D
Acq On : 6 Aug 2017 6:07
Operator : SJ/JU
Sample : I4545-01
Misc :
ALS Vial : 31 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
E2-O9-BASE

Quant Time: Aug 06 07:54:39 2017
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF072517.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Aug 04 01:17:22 2017
Response via : Initial Calibration



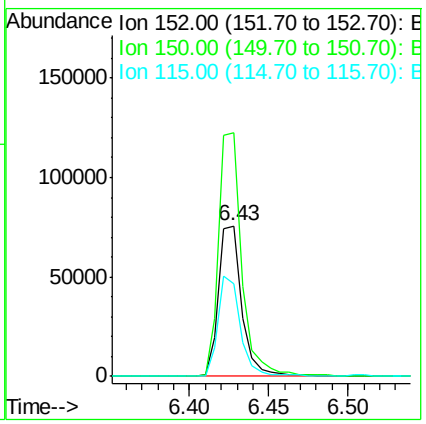


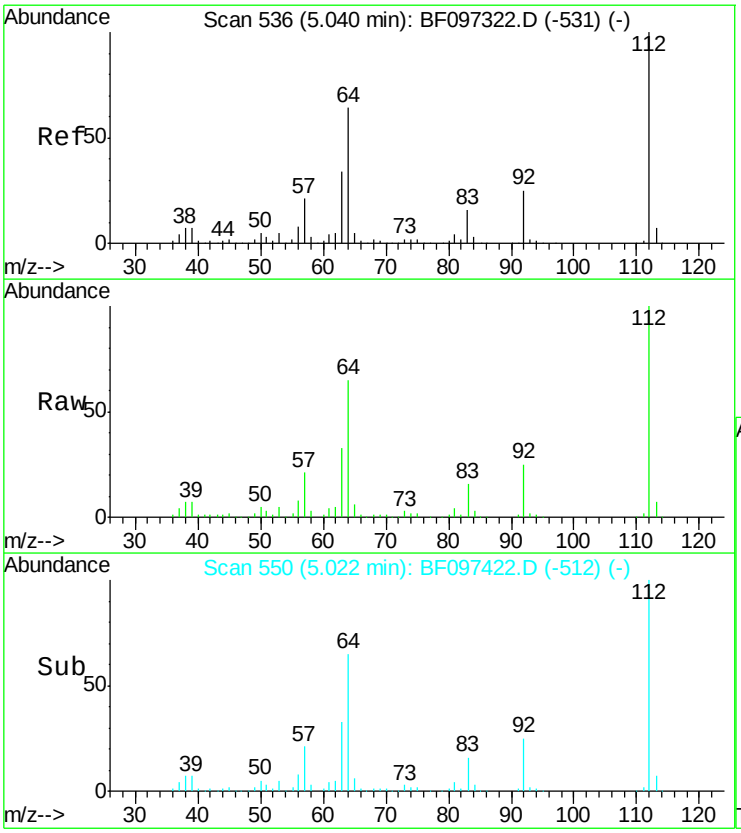
#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.43 min Scan# 789
Delta R.T. -0.07 min
Lab File: BF097422.D
Acq: 6 Aug 2017 6:07

Instrument :
BNA_F
ClientSampleId :
E2-O9-BASE

Tgt Ion:152 Resp: 77154

Ion	Ratio	Lower	Upper
152	100		
150	161.5	126.2	189.2
115	61.4	52.2	78.2

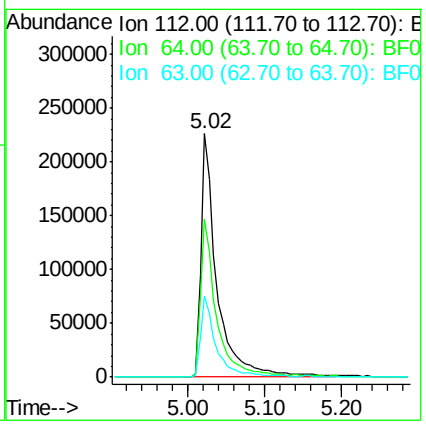


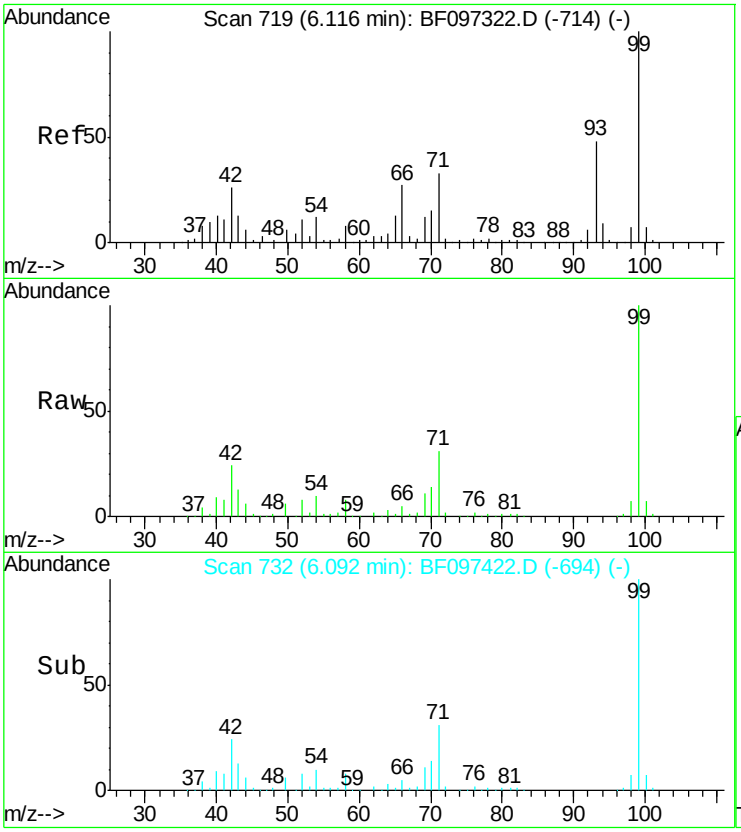


#5
2-Fluorophenol
Concen: 63.62 ng
RT: 5.02 min Scan# 550
Delta R.T. -0.08 min
Lab File: BF097422.D
Acq: 6 Aug 2017 6:07

Tgt Ion:112 Resp: 325598

Ion	Ratio	Lower	Upper
112	100		
64	64.8	46.0	69.0
63	33.5	23.4	35.0



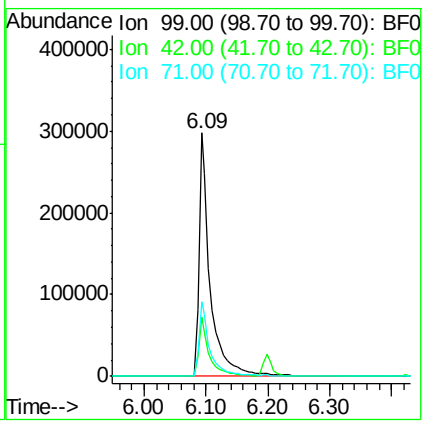


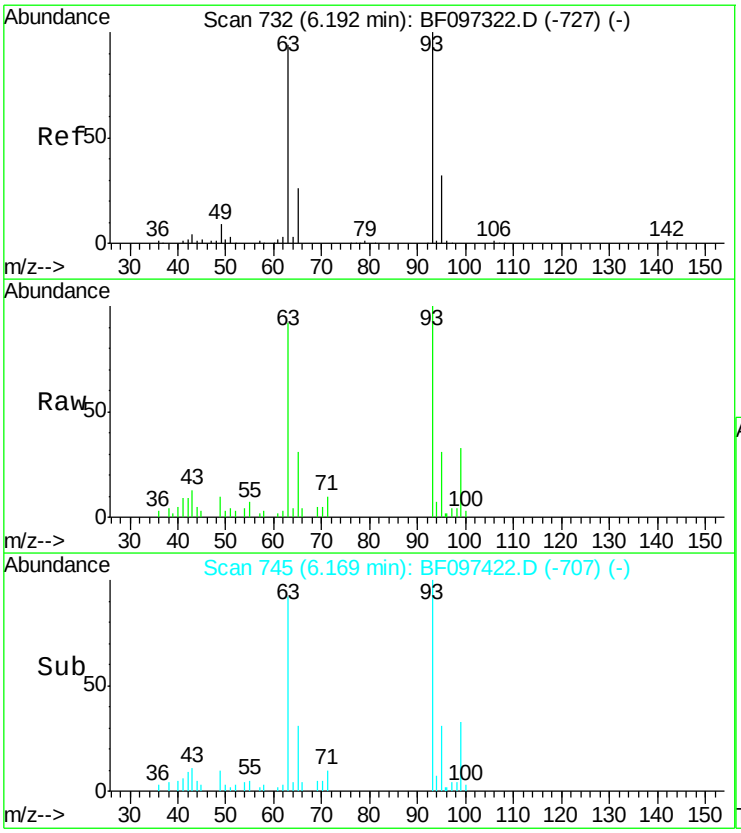
#7
Phenol-d6
Concen: 65.52 ng
RT: 6.09 min Scan# 732
Delta R.T. -0.08 min
Lab File: BF097422.D
Acq: 6 Aug 2017 6:07

Instrument :
BNA_F
ClientSampleId :
E2-O9-BASE

Tgt Ion: 99 Resp: 382805

Ion	Ratio	Lower	Upper
99	100		
42	24.3	13.5	20.3#
71	30.6	24.5	36.7

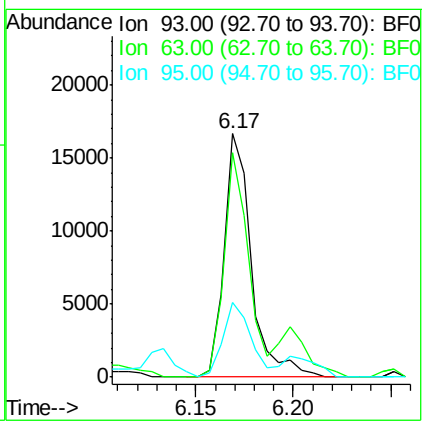


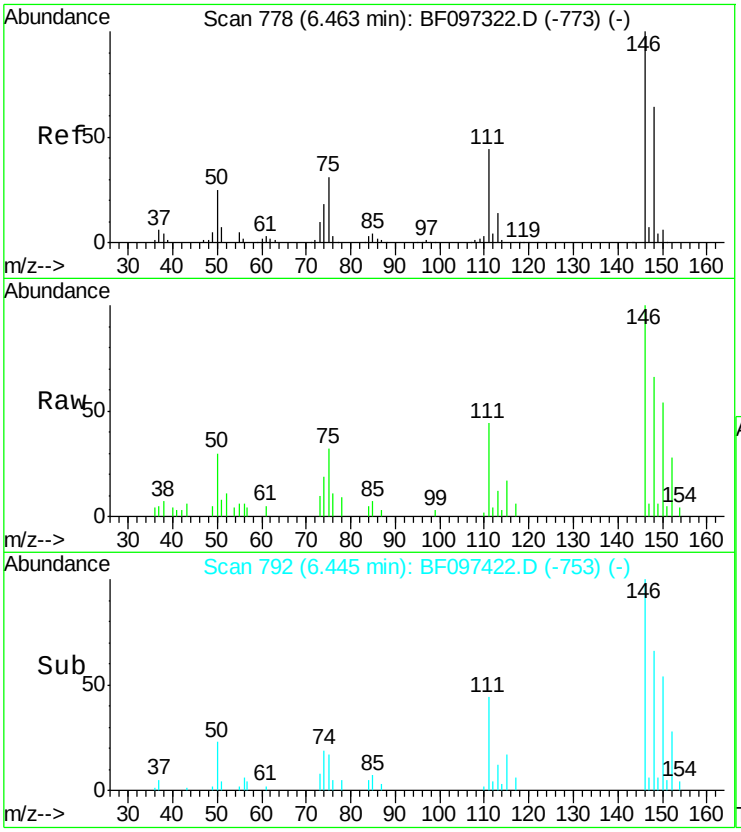


#11
bis(2-Chloroethyl)ether
Concen: 2.93 ng
RT: 6.17 min Scan# 745
Delta R.T. -0.08 min
Lab File: BF097422.D
Acq: 6 Aug 2017 6:07

Tgt Ion: 93 Resp: 16065

Ion	Ratio	Lower	Upper
93	100		
63	92.1	59.2	99.2
95	30.7	12.8	52.8



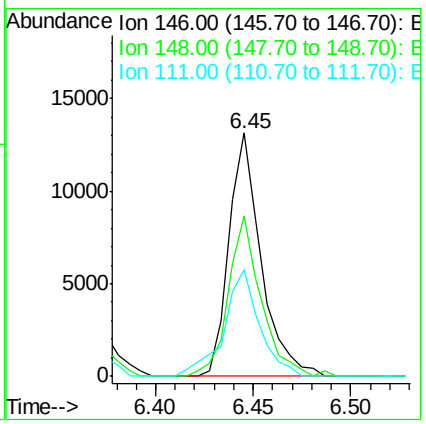


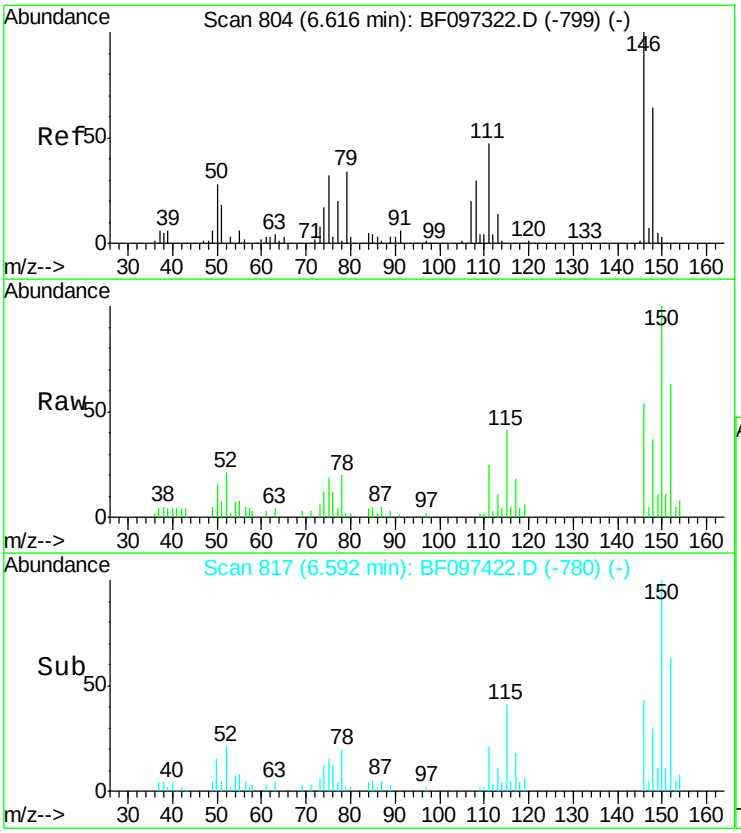
#13
1,4-Dichlorobenzene
Concen: 2.56 ng
RT: 6.45 min Scan# 792
Delta R.T. -0.07 min
Lab File: BF097422.D
Acq: 6 Aug 2017 6:07

Instrument :
BNA_F
ClientSampleId :
E2-O9-BASE

Tgt Ion:146 Resp: 14966

Ion	Ratio	Lower	Upper
146	100		
148	66.1	52.2	78.2
111	43.8	30.3	45.5

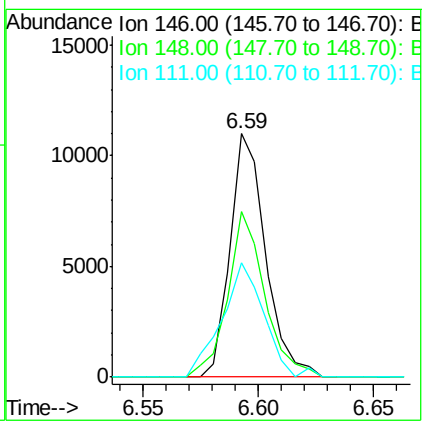


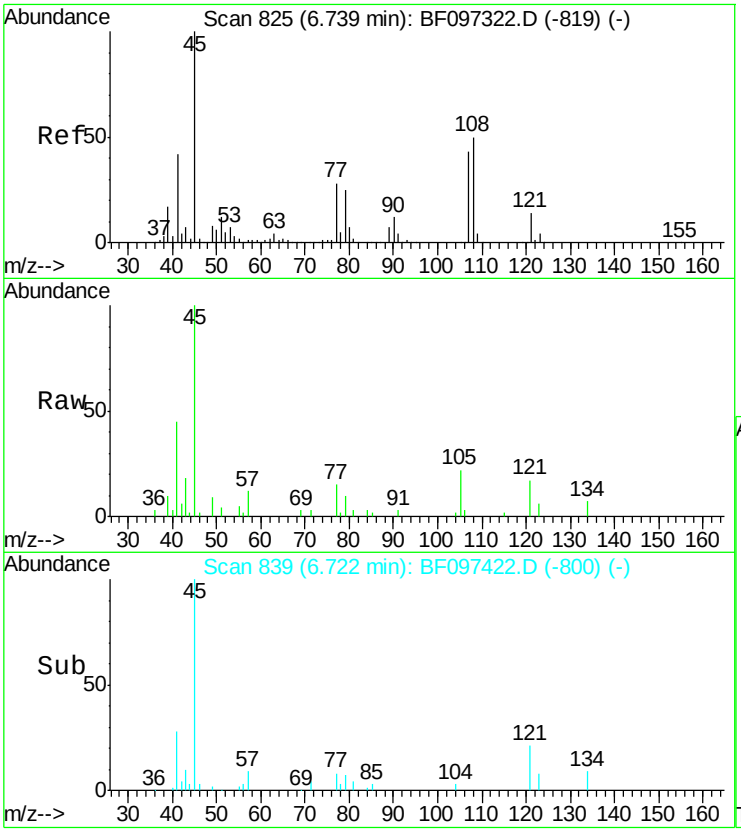


#14
1,2-Dichlorobenzene
Concen: 2.31 ng
RT: 6.59 min Scan# 817
Delta R.T. -0.08 min
Lab File: BF097422.D
Acq: 6 Aug 2017 6:07

Tgt Ion:146 Resp: 11798

Ion	Ratio	Lower	Upper
146	100		
148	68.1	50.4	75.6
111	47.1	38.2	57.4



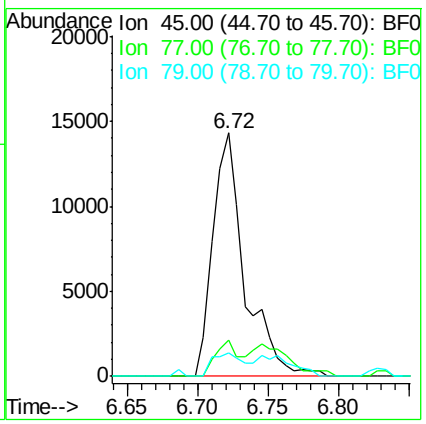


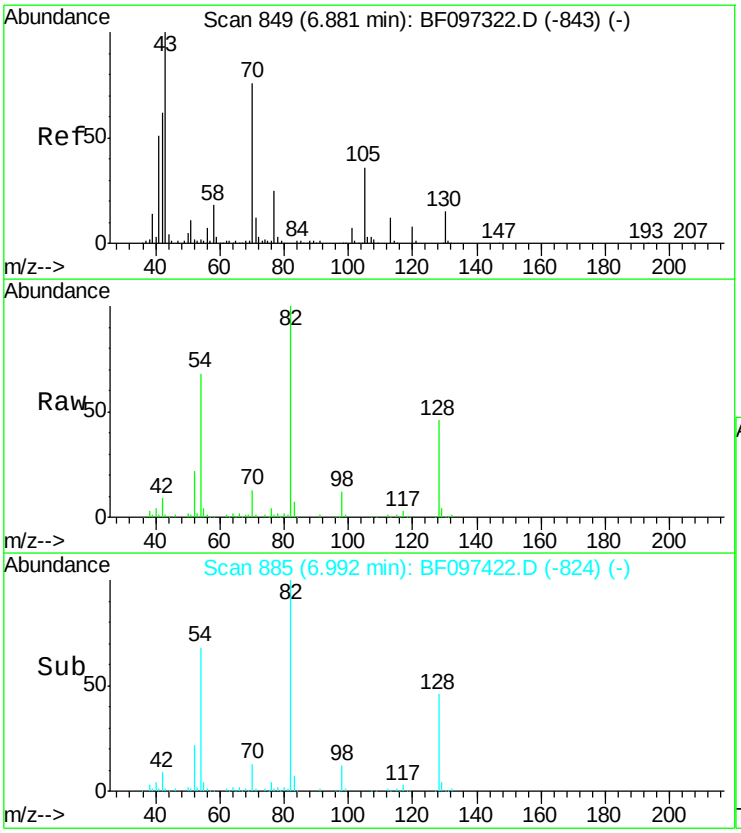
#16
2,2'-oxybis(1-Chloropropane)
Concen: 2.05 ng
RT: 6.72 min Scan# 839
Delta R.T. -0.07 min
Lab File: BF097422.D
Acq: 6 Aug 2017 6:07

Instrument :
BNA_F
ClientSampleId :
E2-O9-BASE

Tgt Ion: 45 Resp: 22533

Ion	Ratio	Lower	Upper
45	100		
77	14.9	0.0	33.2
79	9.5	0.0	30.0

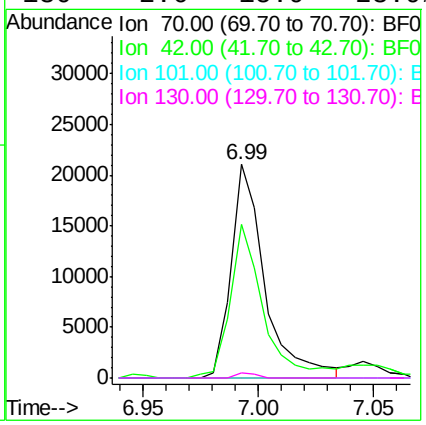


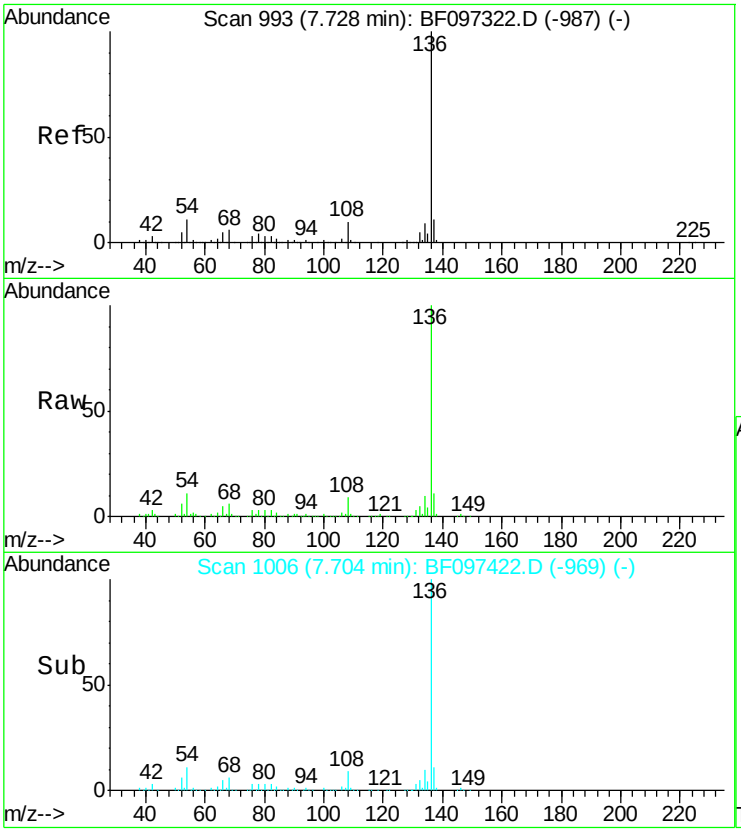


#19
n-Nitroso-di-n-propylamine
Concen: 5.60 ng
RT: 6.99 min Scan# 885
Delta R.T. 0.06 min
Lab File: BF097422.D
Acq: 6 Aug 2017 6:07

Tgt Ion: 70 Resp: 21522

Ion	Ratio	Lower	Upper
70	100		
42	71.6	47.2	70.8#
101	0.0	7.2	10.8#
130	2.6	15.9	23.9#



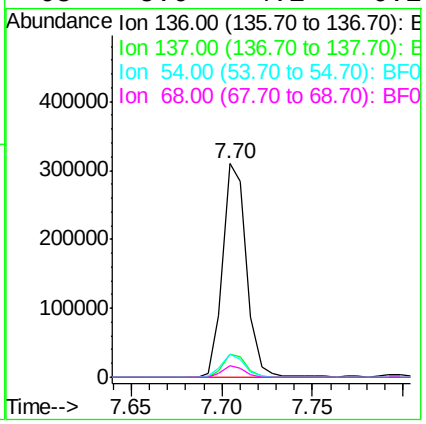


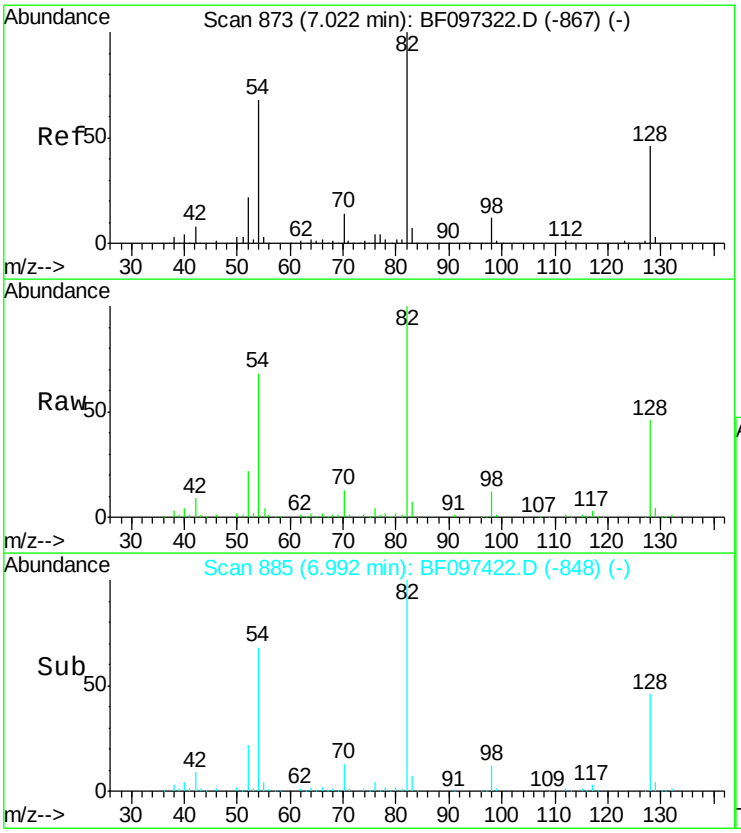
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 7.70 min Scan# 1006
Delta R.T. -0.08 min
Lab File: BF097422.D
Acq: 6 Aug 2017 6:07

Instrument :
BNA_F
ClientSampleId :
E2-O9-BASE

Tgt Ion:136 Resp: 283978

Ion	Ratio	Lower	Upper
136	100		
137	10.6	8.5	12.7
54	10.7	4.9	7.3#
68	5.6	4.1	6.1

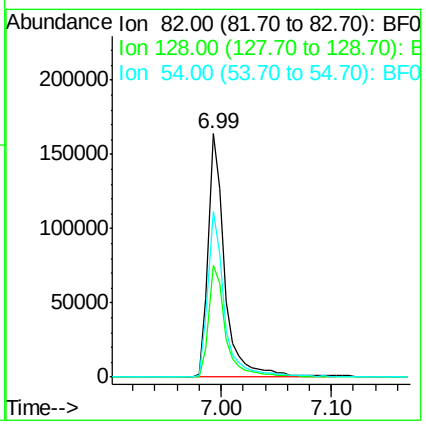


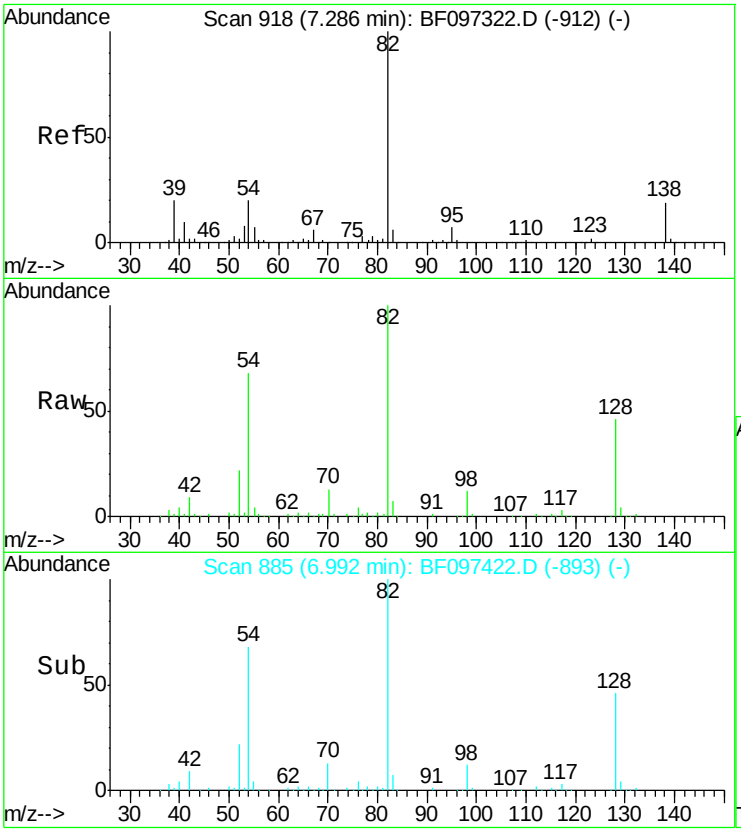


#23
Nitrobenzene-d5
Concen: 34.83 ng
RT: 6.99 min Scan# 885
Delta R.T. -0.08 min
Lab File: BF097422.D
Acq: 6 Aug 2017 6:07

Tgt Ion: 82 Resp: 168589

Ion	Ratio	Lower	Upper
82	100		
128	46.1	34.0	51.0
54	68.2	42.2	63.2#



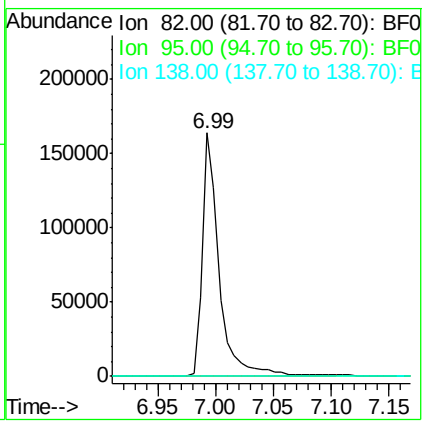


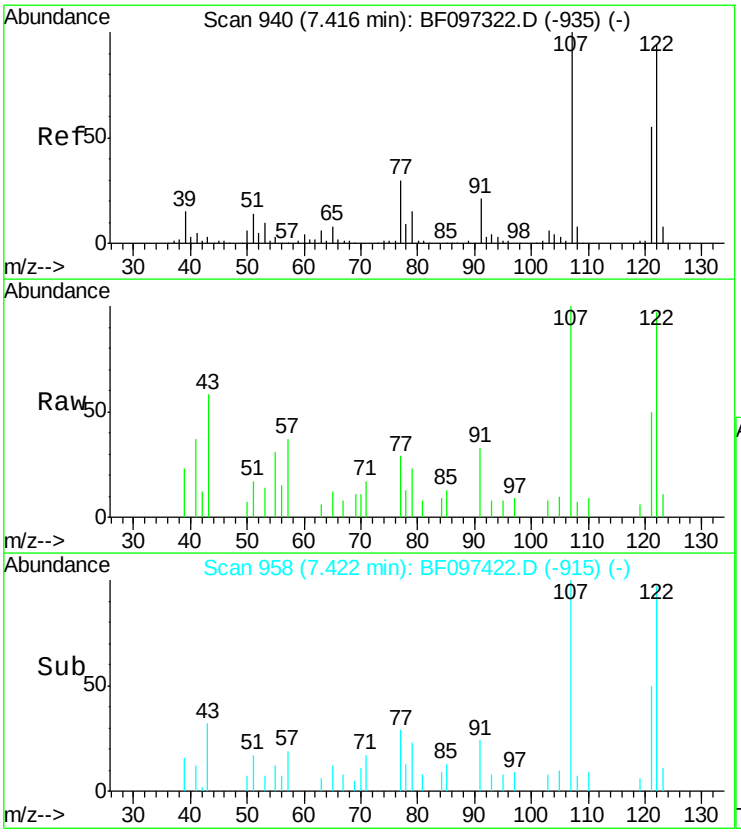
#25
Isophorone
Concen: 17.78 ng
RT: 6.99 min Scan# 885
Delta R.T. -0.35 min
Lab File: BF097422.D
Acq: 6 Aug 2017 6:07

Instrument :
BNA_F
ClientSampleId :
E2-O9-BASE

Tgt Ion: 82 Resp: 168587

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

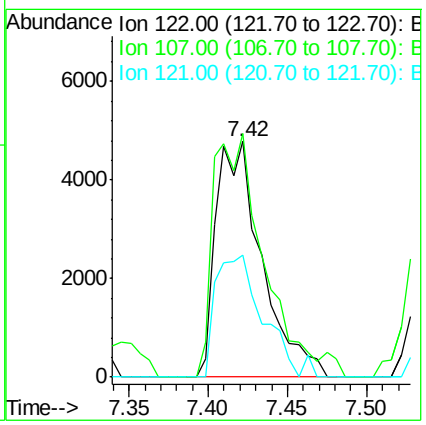


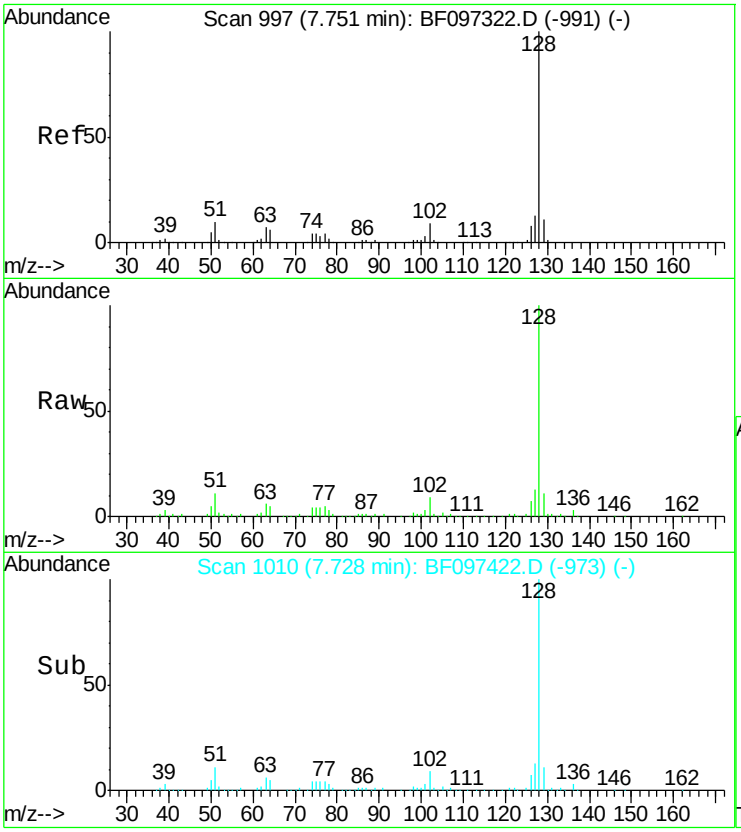


#27
2,4-Dimethylphenol
Concen: 2.13 ng
RT: 7.42 min Scan# 958
Delta R.T. -0.05 min
Lab File: BF097422.D
Acq: 6 Aug 2017 6:07

Tgt Ion:122 Resp: 9572

Ion	Ratio	Lower	Upper
122	100		
107	103.5	89.2	133.8
121	52.1	45.2	67.8



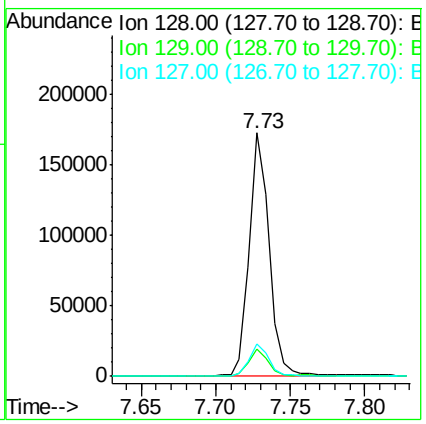


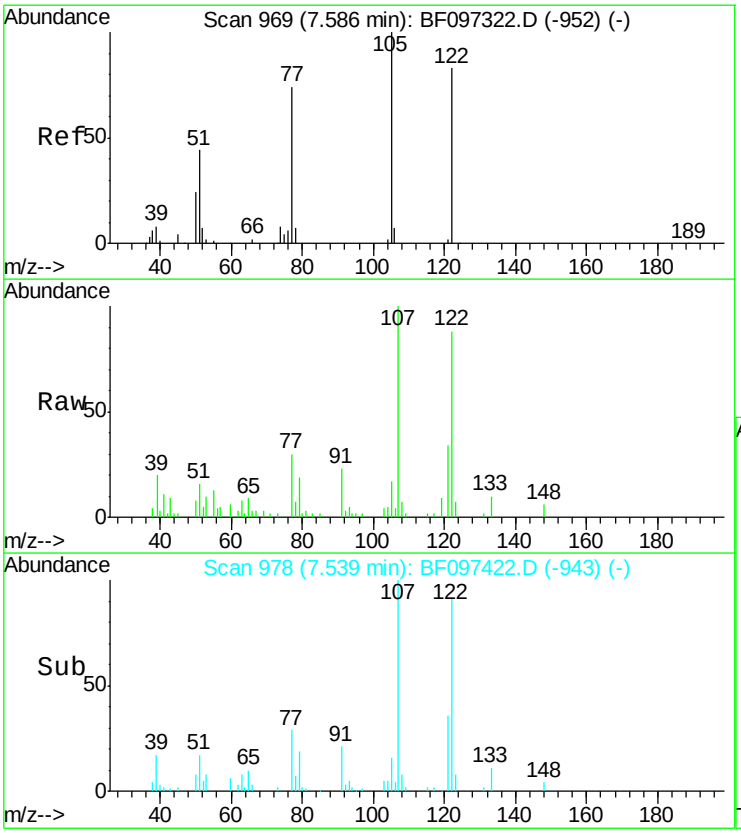
#31
Naphthalene
Concen: 11.96 ng
RT: 7.73 min Scan# 1010
Delta R.T. -0.08 min
Lab File: BF097422.D
Acq: 6 Aug 2017 6:07

Instrument :
BNA_F
ClientSampleId :
E2-O9-BASE

Tgt Ion:128 Resp: 160055

Ion	Ratio	Lower	Upper
128	100		
129	11.4	9.0	13.6
127	13.4	10.8	16.2

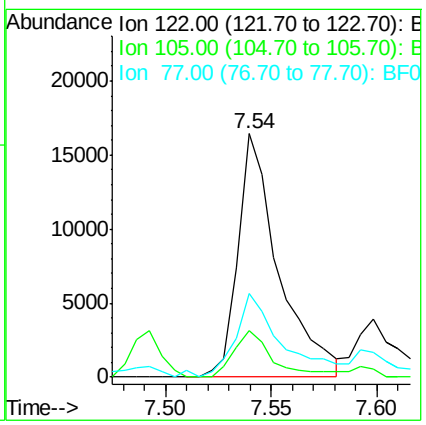


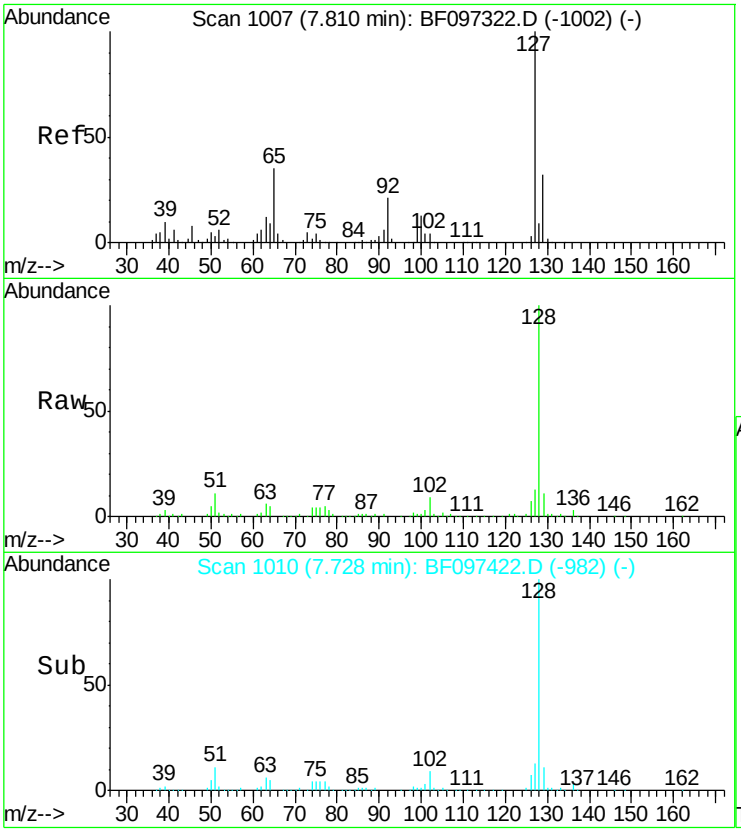


#32
Benzoic acid
Concen: 6.52 ng
RT: 7.54 min Scan# 978
Delta R.T. -0.09 min
Lab File: BF097422.D
Acq: 6 Aug 2017 6:07

Tgt Ion:122 Resp: 21921

Ion	Ratio	Lower	Upper
122	100		
105	19.2	103.3	143.3#
77	34.5	73.7	113.7#



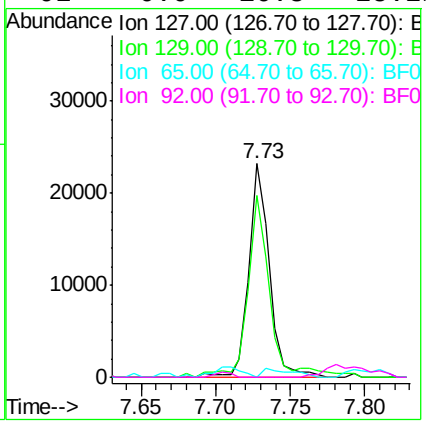


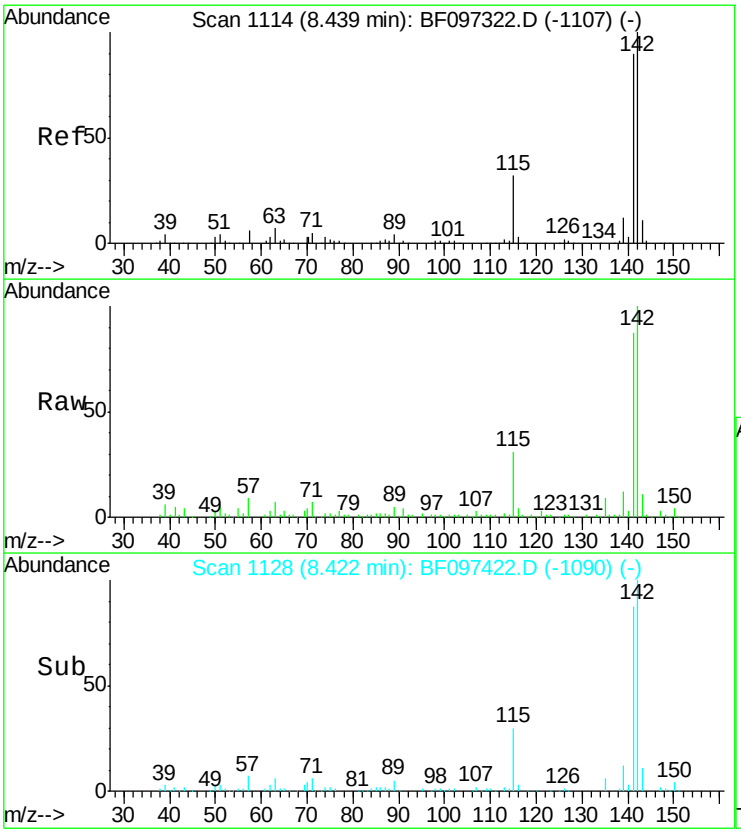
#33
4-Chloroaniline
Concen: 4.04 ng
RT: 7.73 min Scan# 1010
Delta R.T. -0.14 min
Lab File: BF097422.D
Acq: 6 Aug 2017 6:07

Instrument :
BNA_F
ClientSampleId :
E2-O9-BASE

Tgt Ion:127 Resp: 22003

Ion	Ratio	Lower	Upper
127	100		
129	85.0	26.2	39.2#
65	0.0	27.8	41.8#
92	0.0	16.8	25.2#

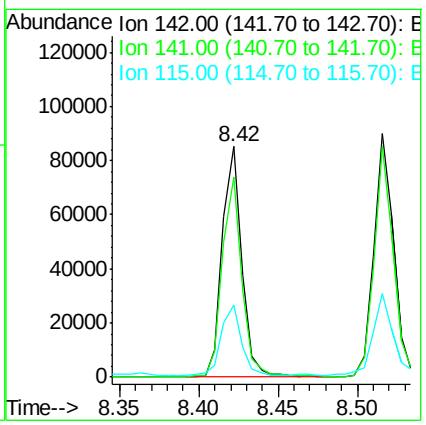


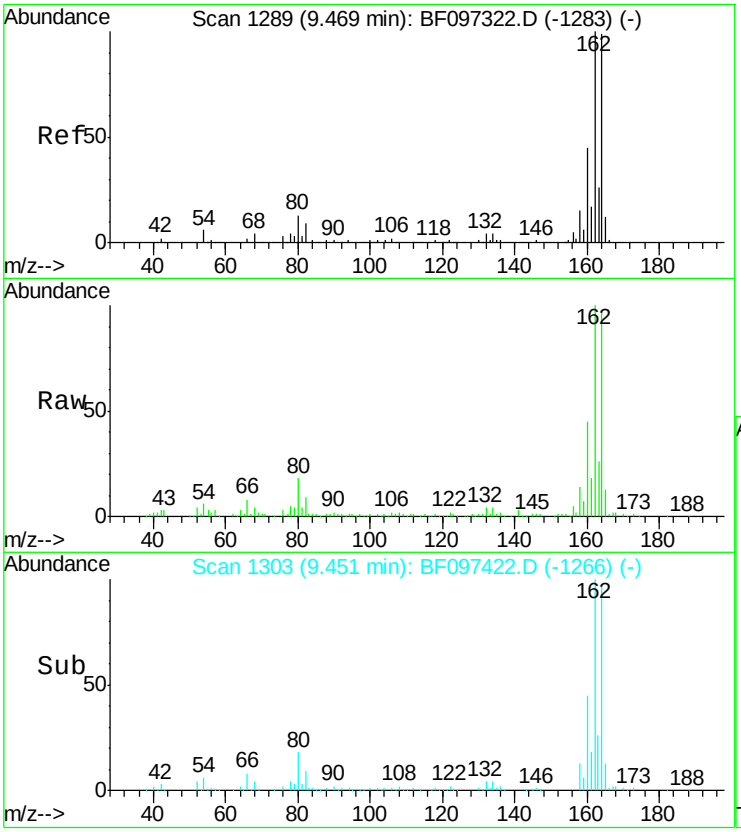


#37
2-Methylnaphthalene
Concen: 8.61 ng
RT: 8.42 min Scan# 1128
Delta R.T. -0.08 min
Lab File: BF097422.D
Acq: 6 Aug 2017 6:07

Tgt Ion:142 Resp: 72990

Ion	Ratio	Lower	Upper
142	100		
141	86.6	71.3	106.9
115	31.2	27.1	40.7



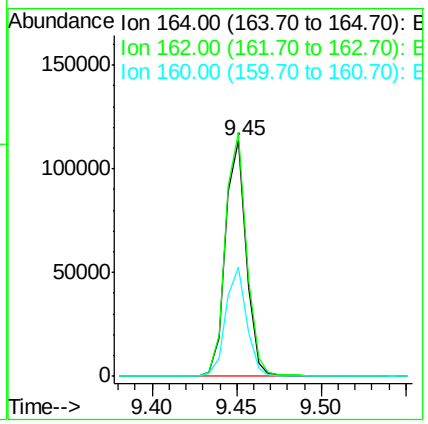


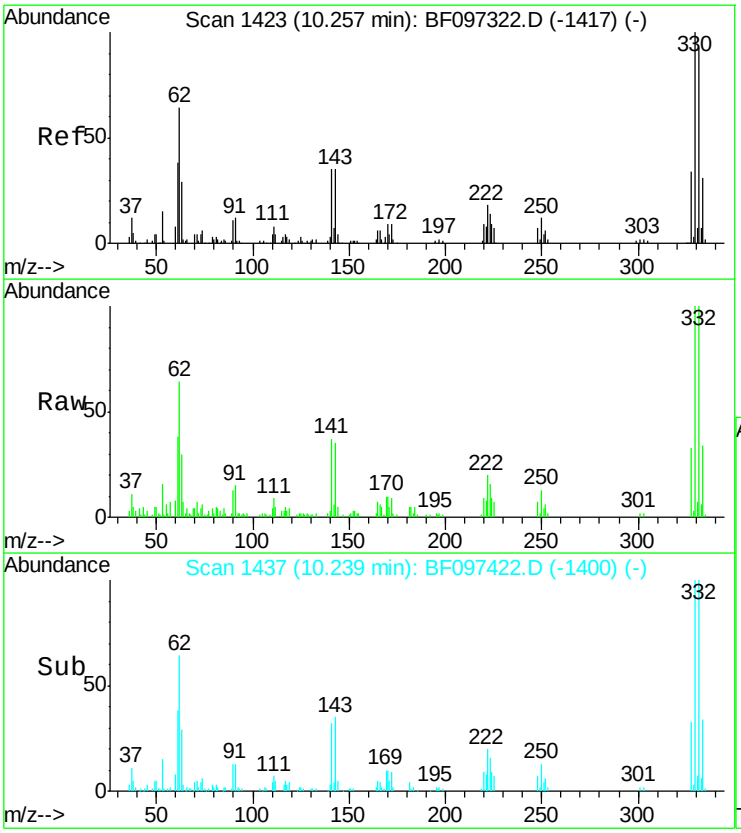
#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.45 min Scan# 1303
Delta R.T. -0.08 min
Lab File: BF097422.D
Acq: 6 Aug 2017 6:07

Instrument :
BNA_F
ClientSampleId :
E2-O9-BASE

Tgt Ion:164 Resp: 97847

Ion	Ratio	Lower	Upper
164	100		
162	103.4	82.6	123.8
160	46.4	36.2	54.2

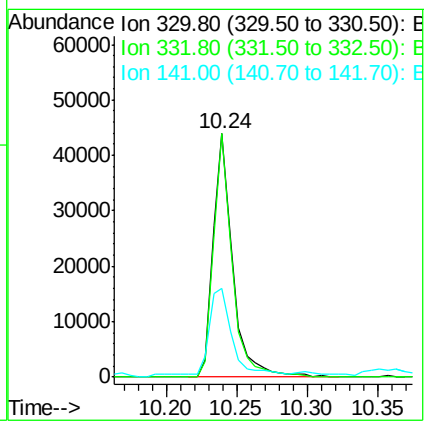


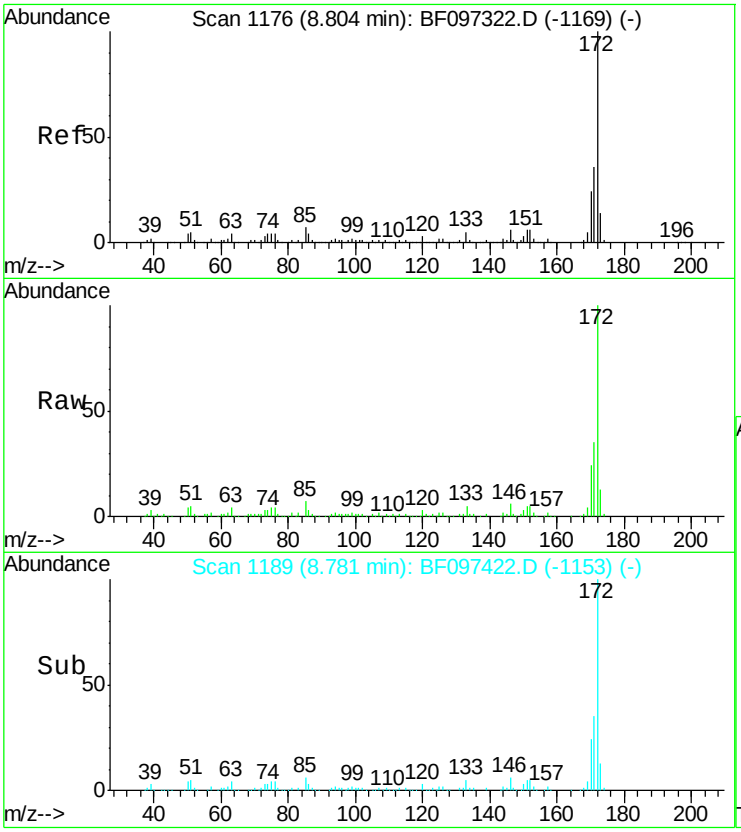


#41
2,4,6-Tribromophenol
Concen: 54.56 ng
RT: 10.24 min Scan# 1437
Delta R.T. -0.08 min
Lab File: BF097422.D
Acq: 6 Aug 2017 6:07

Tgt Ion:330 Resp: 42178

Ion	Ratio	Lower	Upper
330	100		
332	95.7	76.6	115.0
141	46.2	31.4	47.2



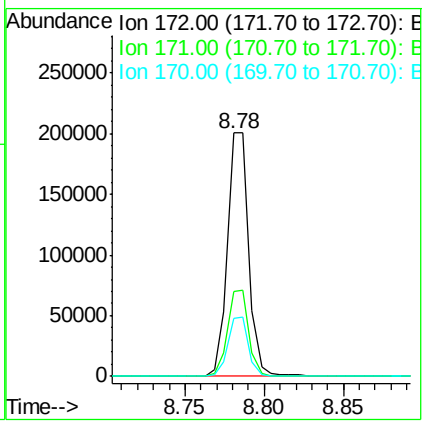


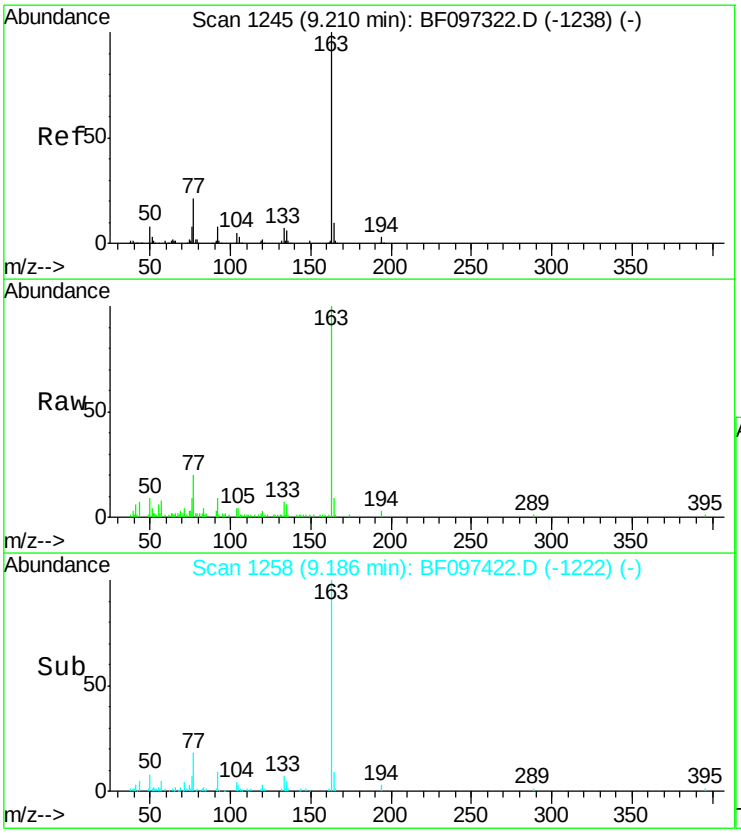
#44
2-Fluorobiphenyl
Concen: 32.46 ng
RT: 8.78 min Scan# 1189
Delta R.T. -0.09 min
Lab File: BF097422.D
Acq: 6 Aug 2017 6:07

Instrument :
BNA_F
ClientSampleId :
E2-O9-BASE

Tgt Ion:172 Resp: 187127

Ion	Ratio	Lower	Upper
172	100		
171	34.8	29.6	44.4
170	23.6	19.8	29.8

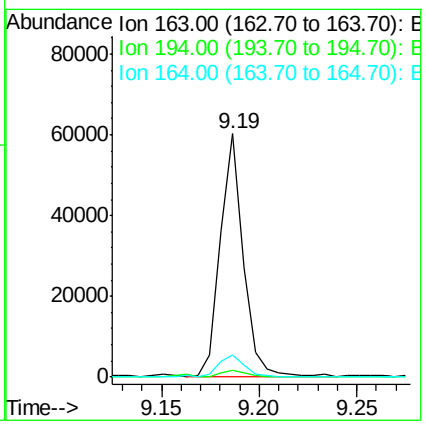


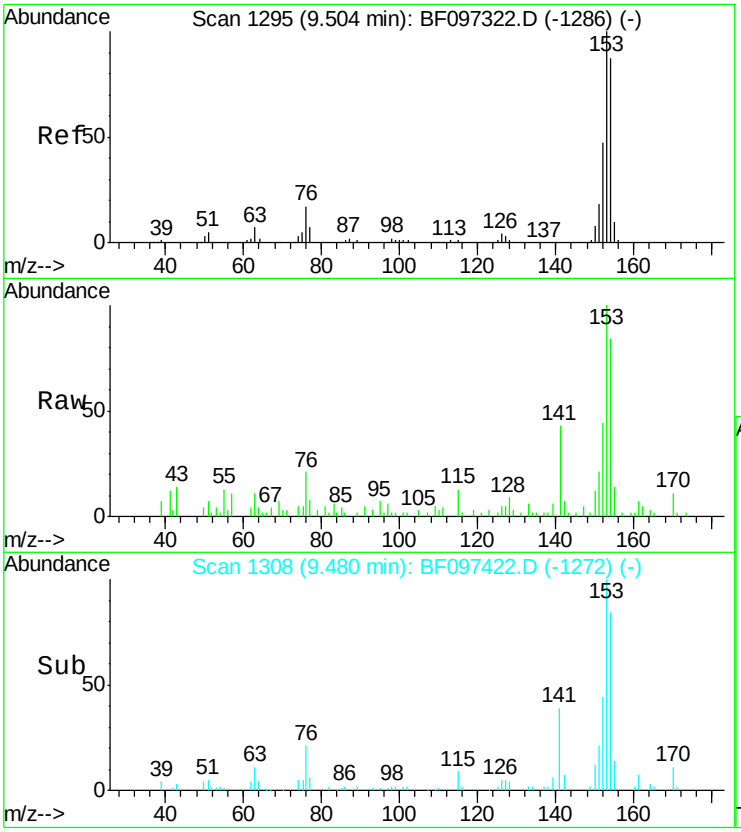


#49
Dimethylphthalate
Concen: 6.71 ng
RT: 9.19 min Scan# 1258
Delta R.T. -0.09 min
Lab File: BF097422.D
Acq: 6 Aug 2017 6:07

Tgt Ion:163 Resp: 49849

Ion	Ratio	Lower	Upper
163	100		
194	2.8	2.6	4.0
164	8.9	8.4	12.6



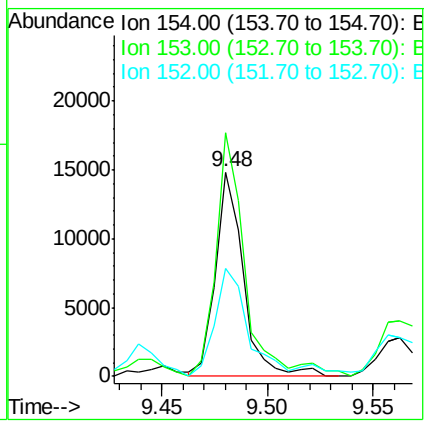


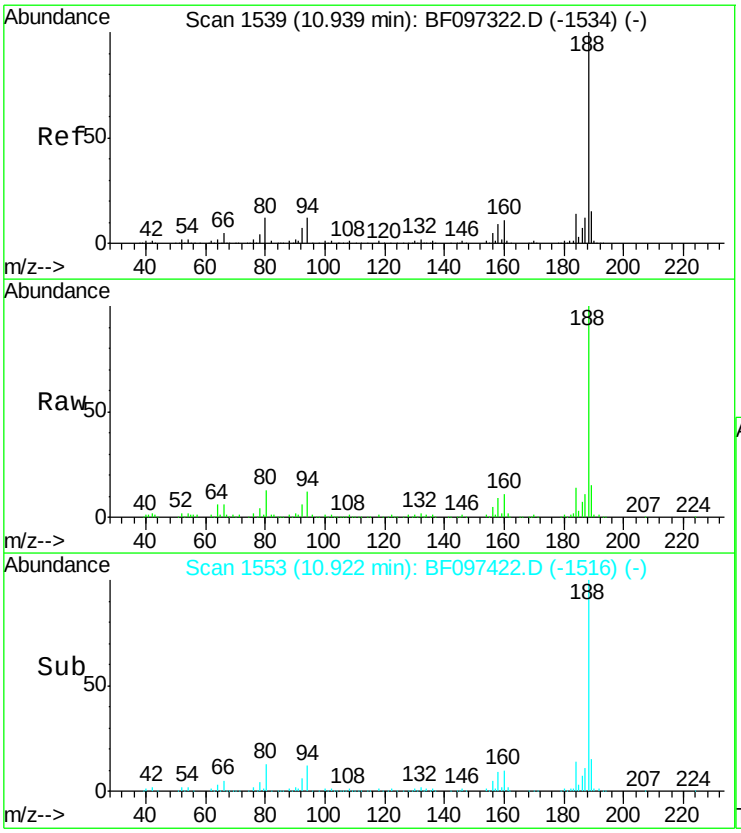
#51
Acenaphthene
Concen: 2.46 ng
RT: 9.48 min Scan# 1308
Delta R.T. -0.09 min
Lab File: BF097422.D
Acq: 6 Aug 2017 6:07

Instrument :
BNA_F
ClientSampleId :
E2-O9-BASE

Tgt Ion:154 Resp: 13693

Ion	Ratio	Lower	Upper
154	100		
153	119.3	90.5	135.7
152	53.0	43.6	65.4

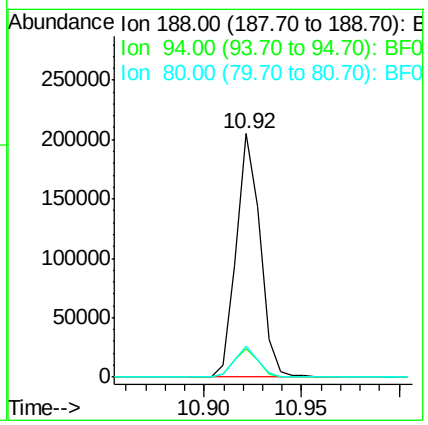


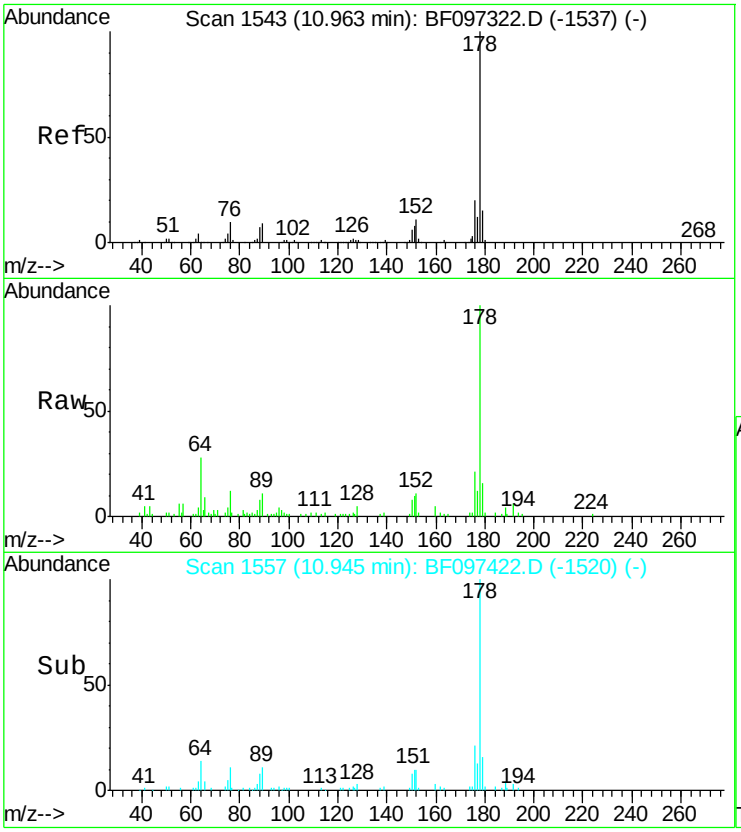


#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 10.92 min Scan# 1553
Delta R.T. -0.08 min
Lab File: BF097422.D
Acq: 6 Aug 2017 6:07

Tgt Ion:188 Resp: 174483

Ion	Ratio	Lower	Upper
188	100		
94	11.5	9.4	14.2
80	12.9	10.2	15.2



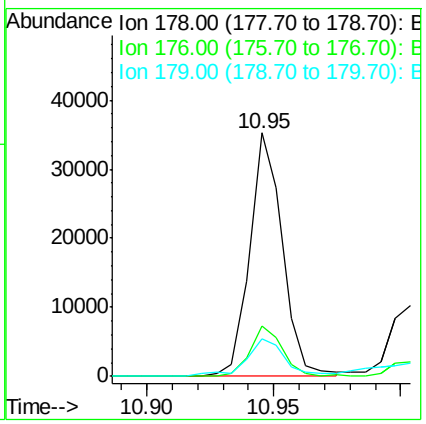


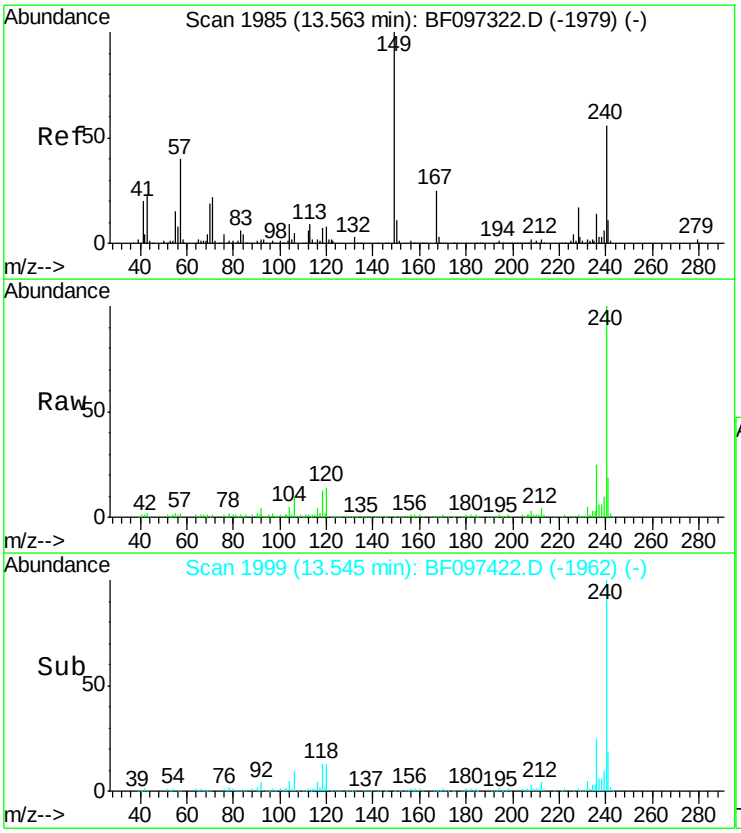
#70
Phenanthrene
Concen: 3.41 ng
RT: 10.95 min Scan# 1557
Delta R.T. -0.08 min
Lab File: BF097422.D
Acq: 6 Aug 2017 6:07

Instrument :
BNA_F
ClientSampleId :
E2-O9-BASE

Tgt Ion:178 Resp: 31833

Ion	Ratio	Lower	Upper
178	100		
176	20.9	16.2	24.4
179	15.6	12.6	19.0

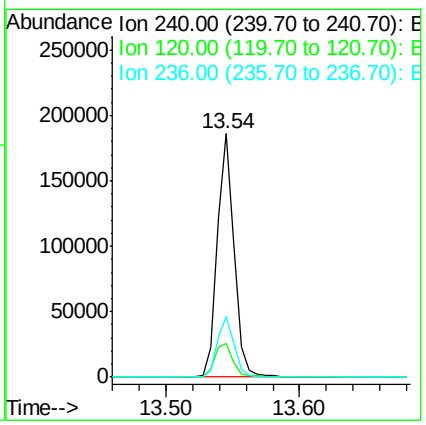


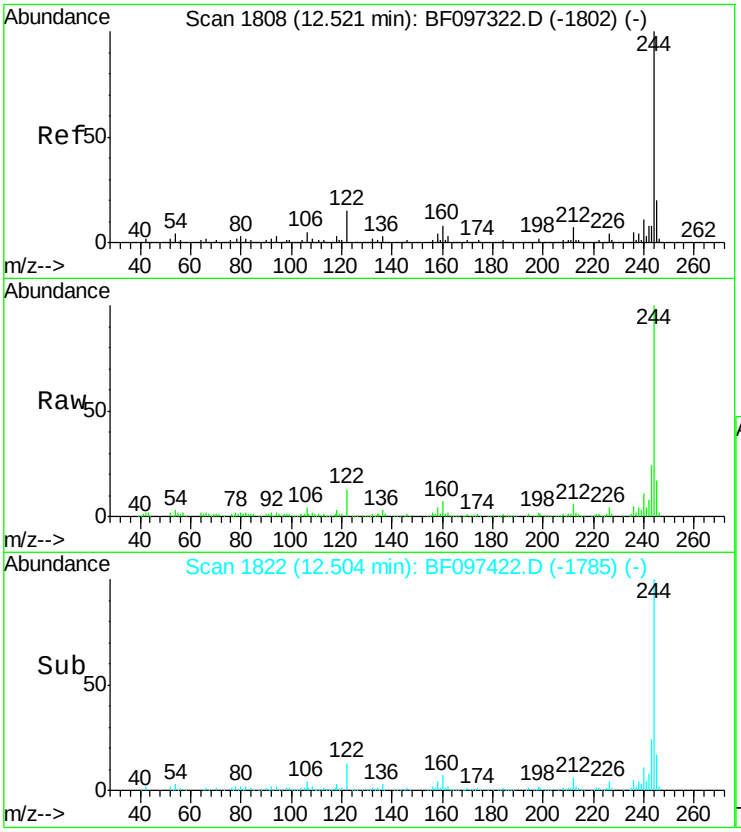


#75
Chrysene-d12
Concen: 20.00 ng
RT: 13.54 min Scan# 1999
Delta R.T. -0.08 min
Lab File: BF097422.D
Acq: 6 Aug 2017 6:07

Tgt Ion:240 Resp: 164625

Ion	Ratio	Lower	Upper
240	100		
120	13.6	5.8	8.8#
236	24.7	20.5	30.7



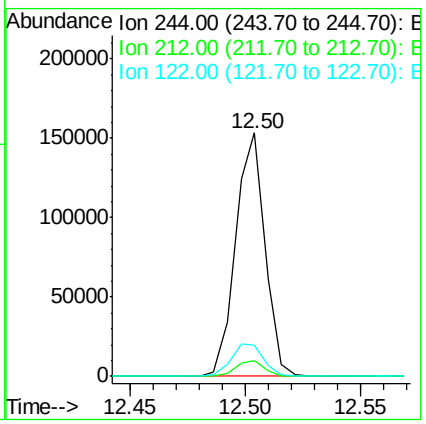


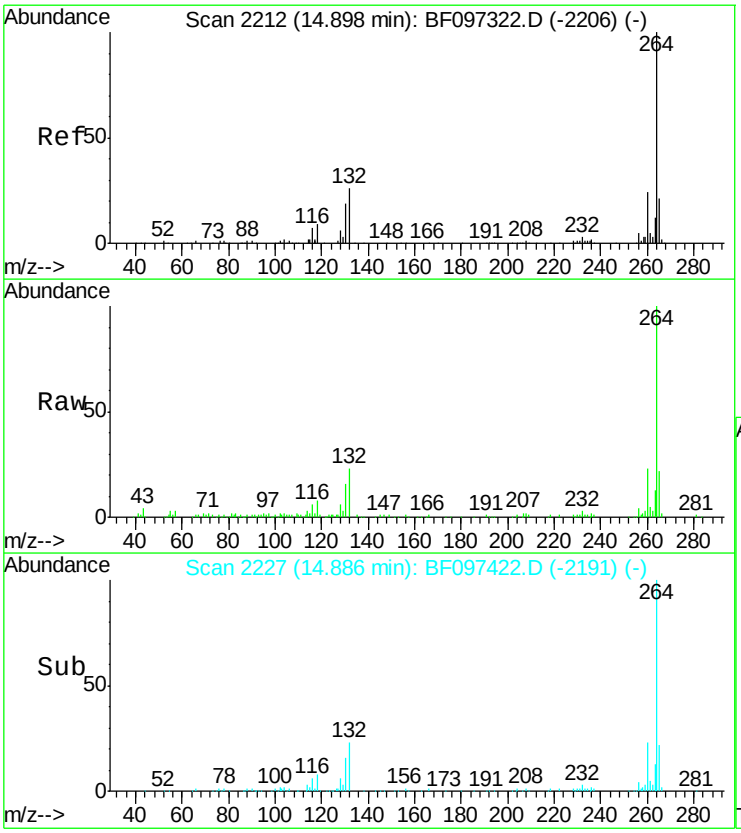
#78
Terphenyl-d14
Concen: 16.79 ng
RT: 12.50 min Scan# 1822
Delta R.T. -0.08 min
Lab File: BF097422.D
Acq: 6 Aug 2017 6:07

Instrument :
BNA_F
ClientSampleId :
E2-O9-BASE

Tgt Ion:244 Resp: 135595

Ion	Ratio	Lower	Upper
244	100		
212	6.3	6.0	9.0
122	13.0	10.3	15.5





#86
Perylene-d12
Concen: 20.00 ng
RT: 14.89 min Scan# 2227
Delta R.T. -0.09 min
Lab File: BF097422.D
Acq: 6 Aug 2017 6:07

Tgt Ion:264 Resp: 100081

Ion	Ratio	Lower	Upper
264	100		
260	23.3	19.5	29.3
265	21.9	17.2	25.8