Quantitation Report (QT/LSC Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF080717\
Data File : BF097457.D
Acq On : 8 Aug 2017 5:04
Operator : SJ/JU
Sample : I4545-01
Misc :
ALS Vial : 31 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : E2-O9-BASE

Quant Time: Aug 08 07:45:48 2017
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF072517.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Aug 07 16:02:51 2017
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.41	152	96481	20.00	ng	0.00
21) Naphthalene-d8	7.69	136	356010	20.00	ng	0.00
38) Acenaphthene-d10	9.43	164	138154	20.00	ng	0.00
63) Phenanthrene-d10	10.91	188	224911	20.00	ng	0.00
75) Chrysene-d12	13.53	240	211675	20.00	ng	0.00
86) Perylene-d12	14.87	264	142391	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.00	112	377636	59.00	ng	0.00
7) Phenol-d6	6.08	99	458106	62.70	ng	0.00
23) Nitrobenzene-d5	6.98	82	300178	49.46	ng	-0.01
41) 2,4,6-Tribromophenol	10.23	330	63164	57.87	ng	0.00
44) 2-Fluorobiphenyl	8.77	172	358653	44.06	ng	0.00
78) Terphenyl-d14	12.49	244	238913	23.01	ng	0.00
Target Compounds						Qvalue
11) bis(2-Chloroethyl)ether	6.16	93	19417	2.833	ng	88
13) 1,4-Dichlorobenzene	6.43	146	18497	2.531	ng	89
14) 1,2-Dichlorobenzene	6.58	146	15352	2.406	ng	94
16) 2,2'-oxybis(1-Chloropropan	6.71	45	28690	2.087	ng	95
27) 2,4-Dimethylphenol	7.40	122	11995	2.127	ng	99
31) Naphthalene	7.72	128	206581	12.310	ng	99
37) 2-Methylnaphthalene	8.40	142	87661	8.250	ng	97
49) Dimethylphthalate	9.17	163	75742	7.220	ng	98
51) Acenaphthene	9.47	154	20225	2.576	ng	98
70) Phenanthrene	10.93	178	42388	3.517	ng	98

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

Quantitation Report (QT/LSC Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF080717\
Data File : BF097457.D
Acq On : 8 Aug 2017 5:04
Operator : SJ/JU
Sample : I4545-01
Misc :
ALS Vial : 31 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
E2-O9-BASE

Quant Time: Aug 08 07:45:48 2017
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF072517.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Aug 07 16:02:51 2017
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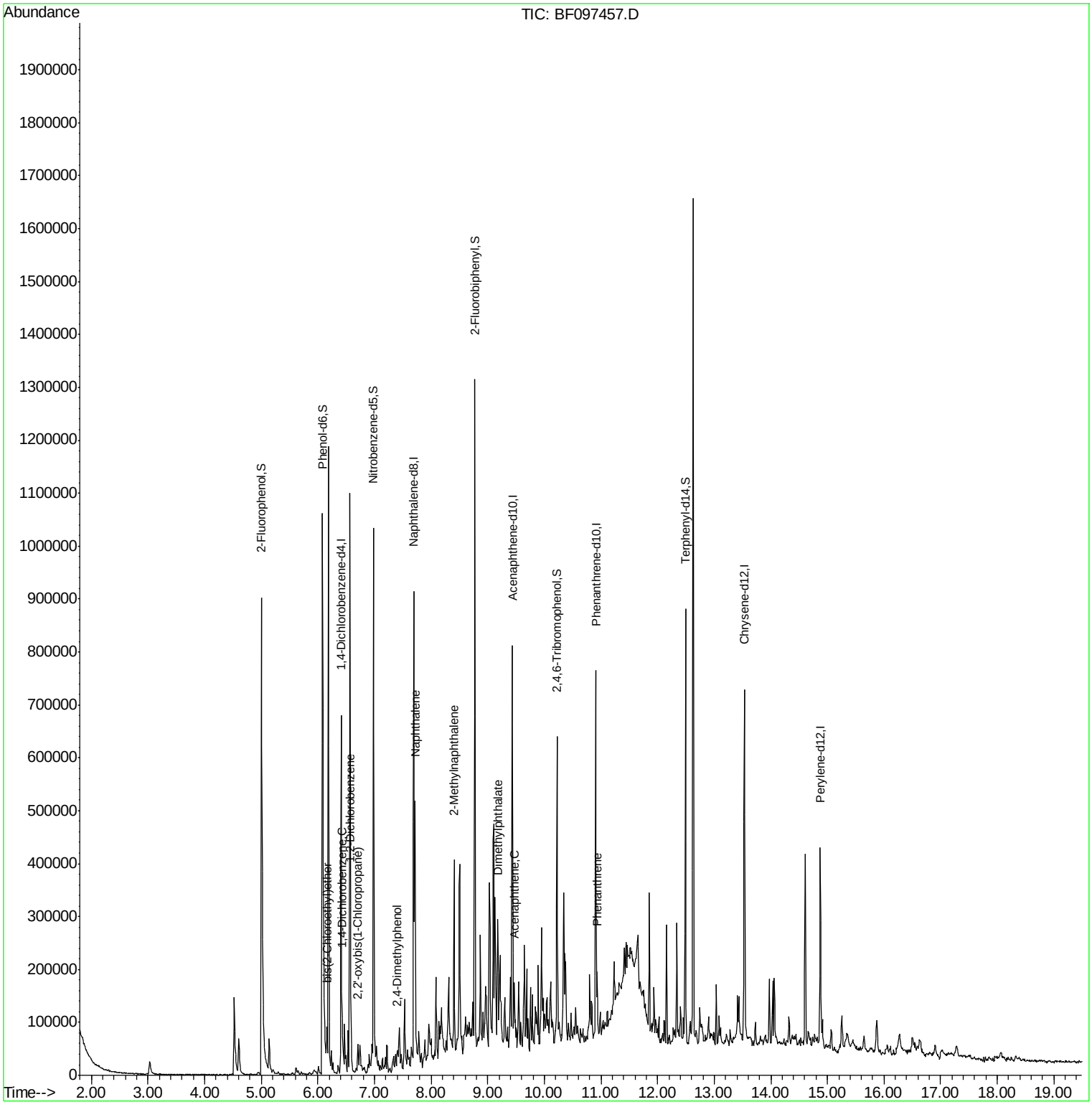
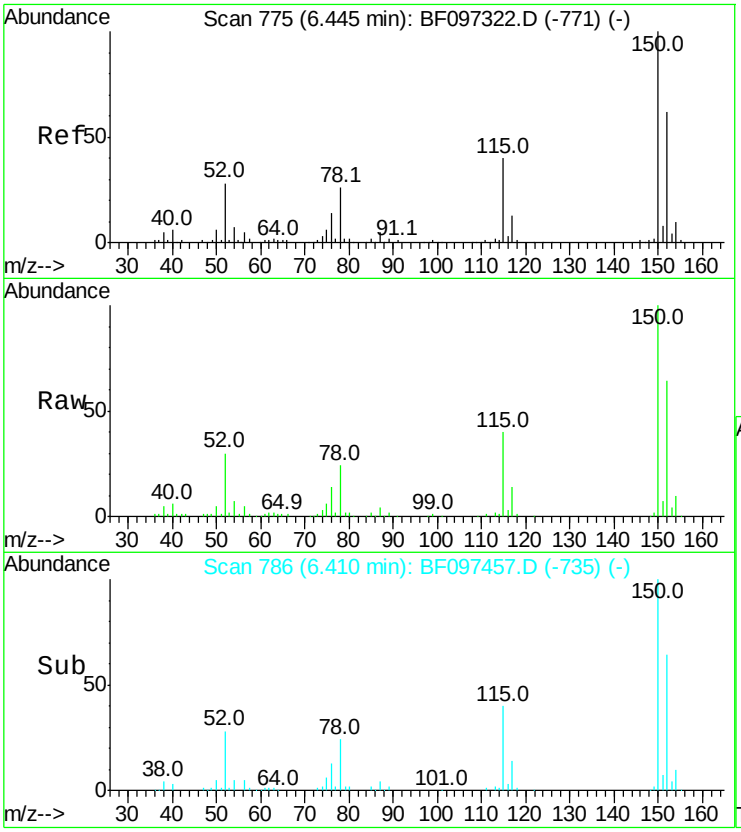


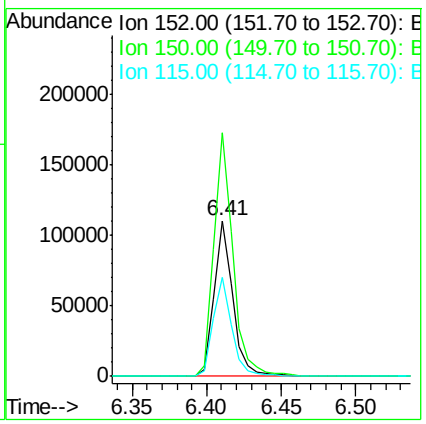


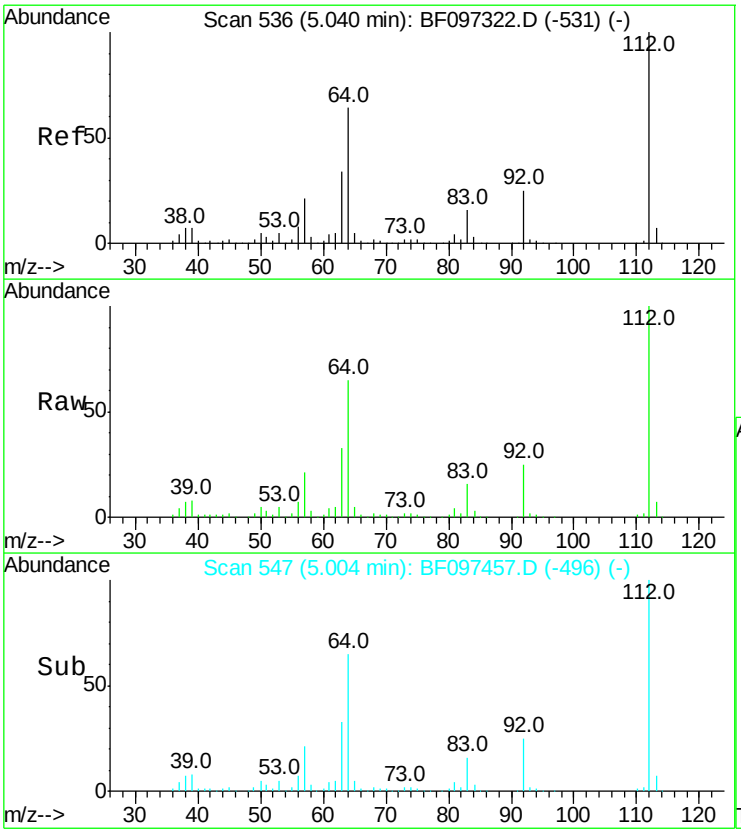
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.41 min Scan# 786
Delta R.T. 0.00 min
Lab File: BF097457.D
Acq: 8 Aug 2017 5:04

Instrument :
BNA_F
ClientSampleId :
E2-O9-BASE

Tgt Ion:152 Resp: 96481

Ion	Ratio	Lower	Upper
152	100		
150	156.3	126.2	189.2
115	63.2	52.2	78.2

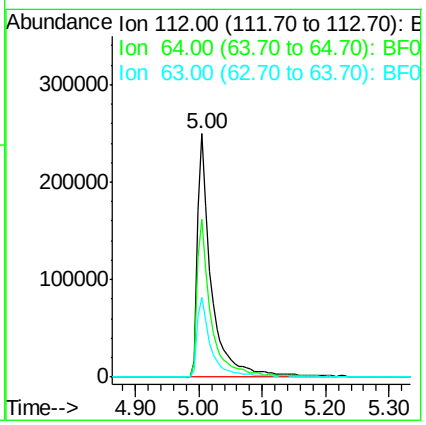


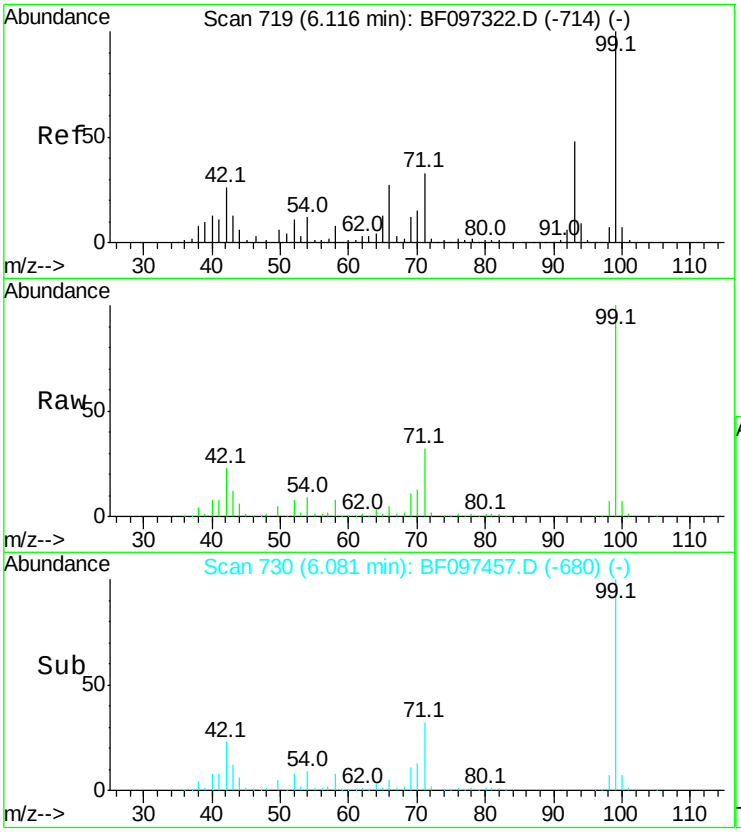


#5
2-Fluorophenol
Concen: 59.005 ng
RT: 5.00 min Scan# 547
Delta R.T. 0.00 min
Lab File: BF097457.D
Acq: 8 Aug 2017 5:04

Tgt Ion:112 Resp: 377636

Ion	Ratio	Lower	Upper
112	100		
64	65.0	46.0	69.0
63	32.5	23.4	35.0



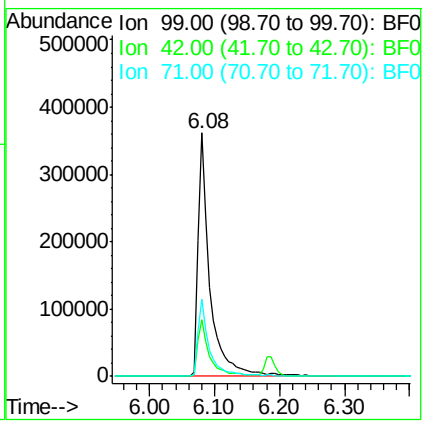


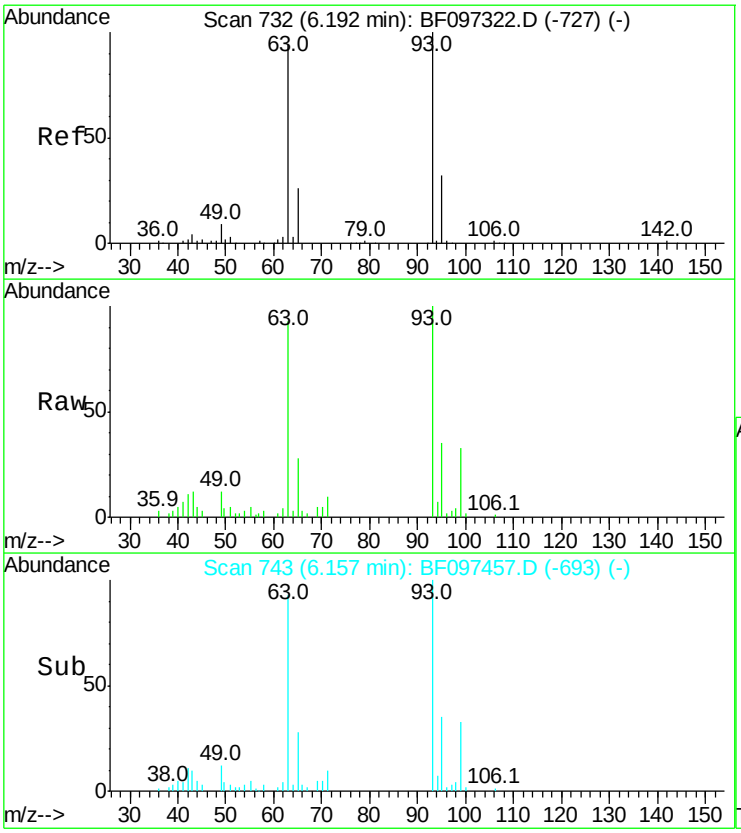
#7
Phenol-d6
Concen: 62.698 ng
RT: 6.08 min Scan# 730
Delta R.T. -0.01 min
Lab File: BF097457.D
Acq: 8 Aug 2017 5:04

Instrument :
BNA_F
ClientSampleId :
E2-O9-BASE

Tgt Ion: 99 Resp: 458106

Ion	Ratio	Lower	Upper
99	100		
42	23.2	13.5	20.3#
71	31.9	24.5	36.7

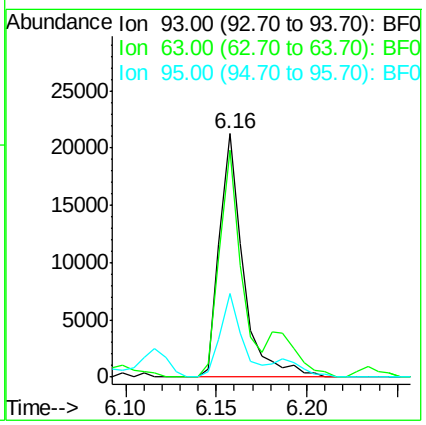


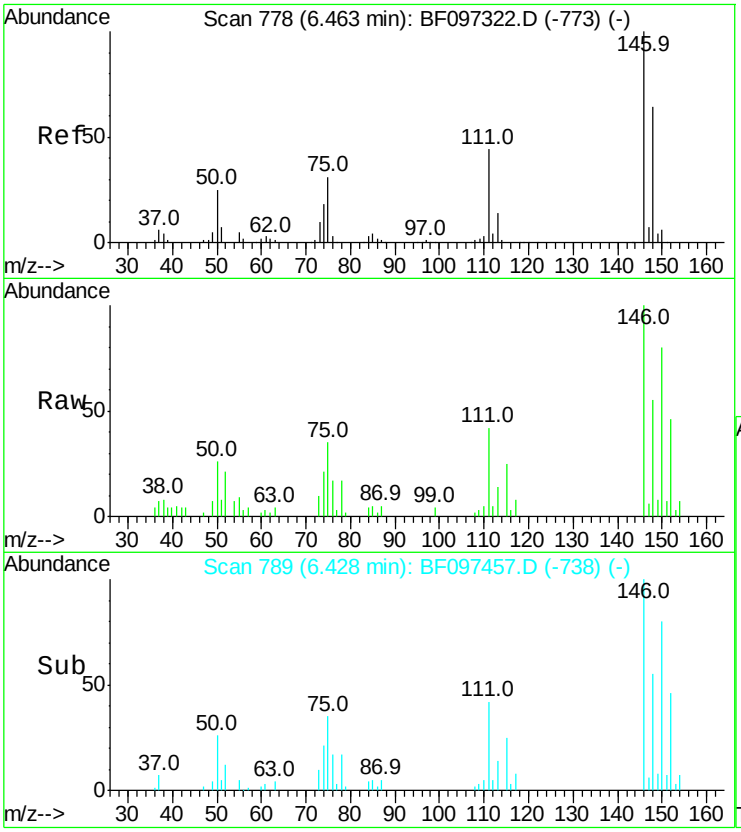


#11
bis(2-Chloroethyl)ether
Concen: 2.833 ng
RT: 6.16 min Scan# 743
Delta R.T. -0.01 min
Lab File: BF097457.D
Acq: 8 Aug 2017 5:04

Tgt Ion: 93 Resp: 19417

Ion	Ratio	Lower	Upper
93	100		
63	93.0	59.2	99.2
95	34.6	12.8	52.8



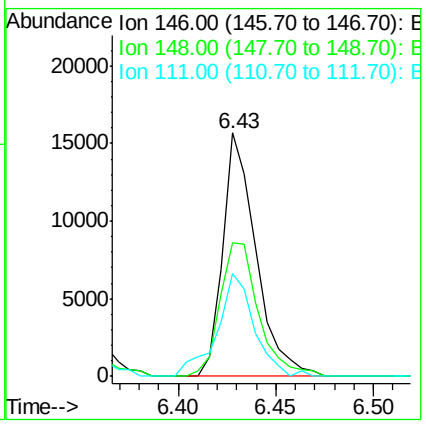


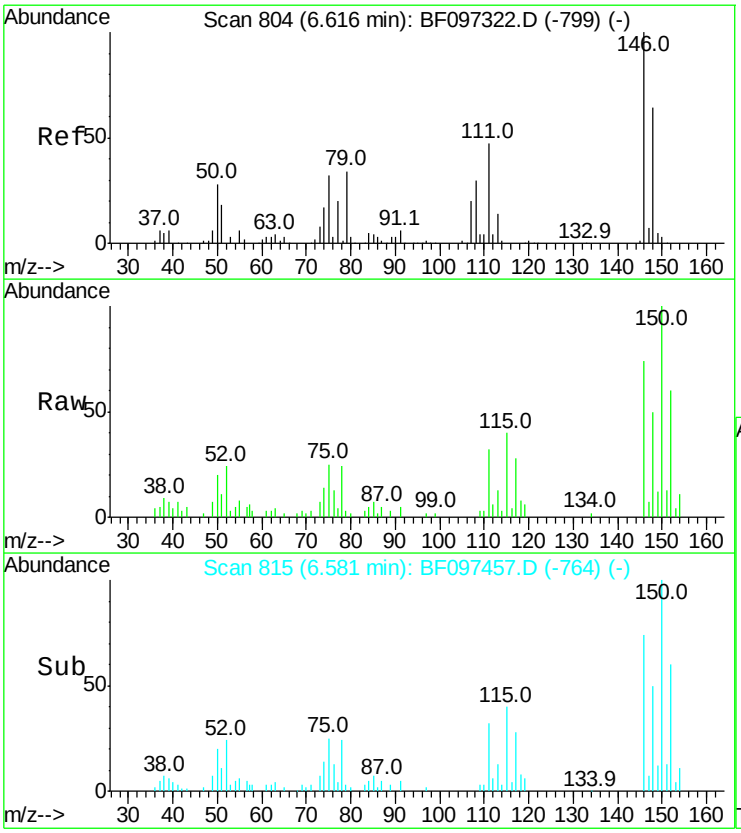
#13
1,4-Dichlorobenzene
Concen: 2.531 ng
RT: 6.43 min Scan# 789
Delta R.T. 0.00 min
Lab File: BF097457.D
Acq: 8 Aug 2017 5:04

Instrument :
BNA_F
ClientSampleId :
E2-O9-BASE

Tgt Ion:146 Resp: 18497

Ion	Ratio	Lower	Upper
146	100		
148	55.0	52.2	78.2
111	42.2	30.3	45.5

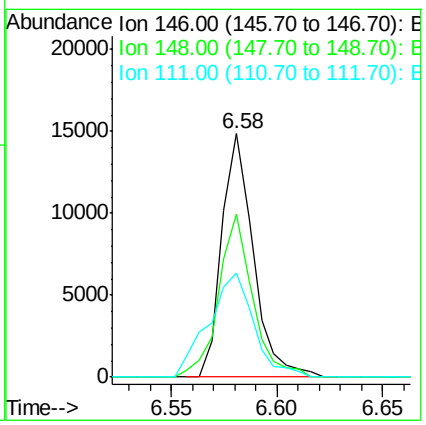


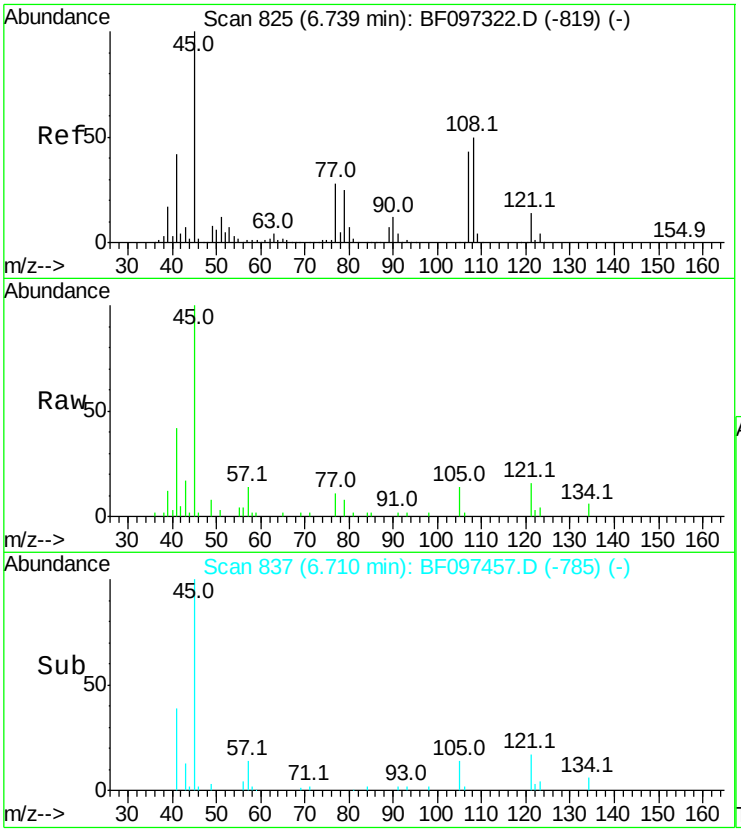


#14
1,2-Dichlorobenzene
Concen: 2.406 ng
RT: 6.58 min Scan# 815
Delta R.T. 0.00 min
Lab File: BF097457.D
Acq: 8 Aug 2017 5:04

Tgt Ion:146 Resp: 15352

Ion	Ratio	Lower	Upper
146	100		
148	66.7	50.4	75.6
111	43.0	38.2	57.4



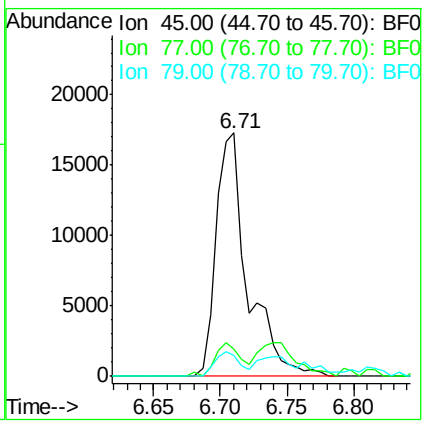


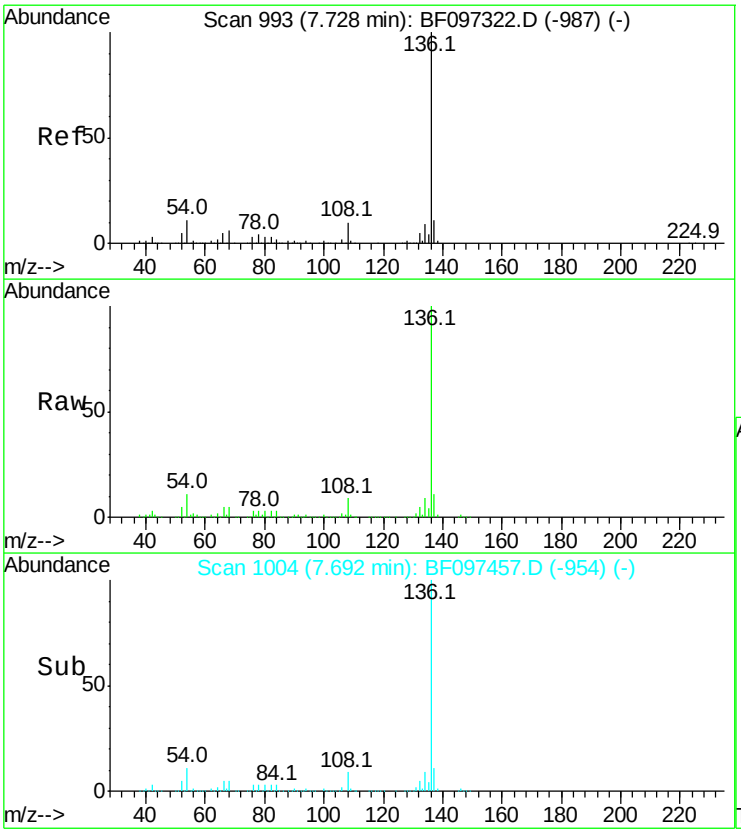
#16
2,2'-oxybis(1-Chloropropane)
Concen: 2.087 ng
RT: 6.71 min Scan# 837
Delta R.T. 0.01 min
Lab File: BF097457.D
Acq: 8 Aug 2017 5:04

Instrument :
BNA_F
ClientSampleId :
E2-O9-BASE

Tgt Ion: 45 Resp: 28690

Ion	Ratio	Lower	Upper
45	100		
77	11.2	0.0	33.2
79	8.3	0.0	30.0

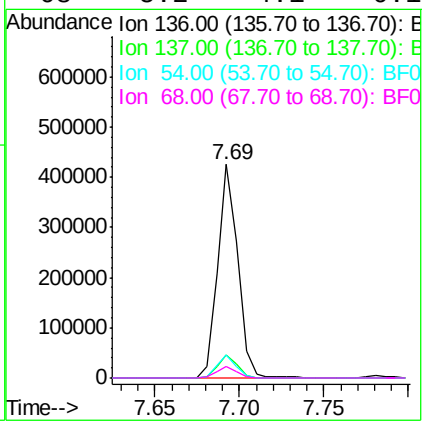


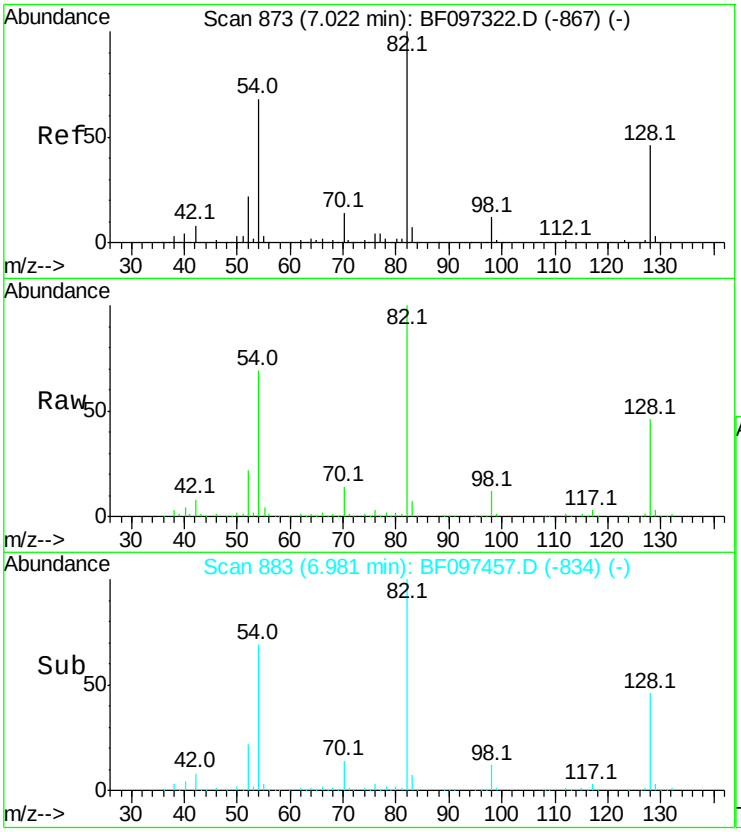


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 7.69 min Scan# 1004
Delta R.T. -0.01 min
Lab File: BF097457.D
Acq: 8 Aug 2017 5:04

Tgt Ion:136 Resp: 356010

Ion	Ratio	Lower	Upper
136	100		
137	10.7	8.5	12.7
54	10.8	4.9	7.3#
68	5.2	4.1	6.1



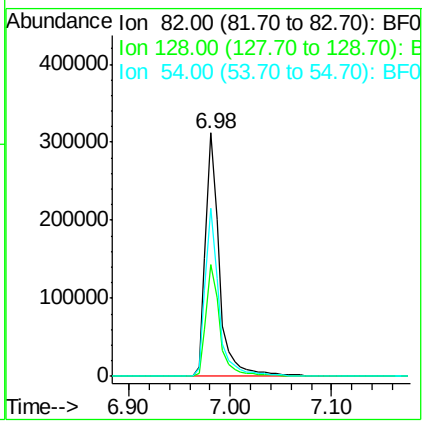


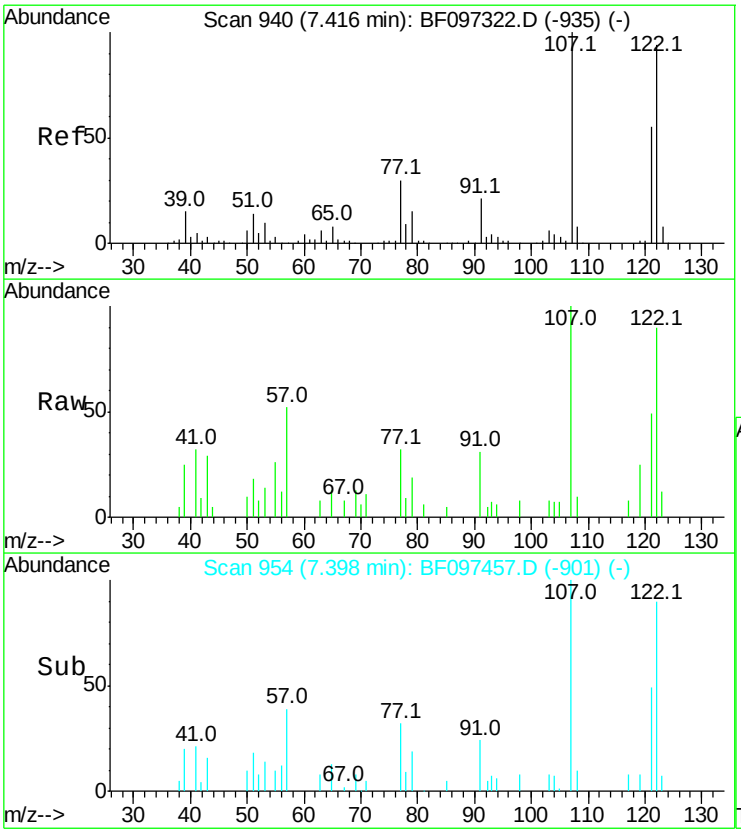
#23
Nitrobenzene-d5
Concen: 49.464 ng
RT: 6.98 min Scan# 883
Delta R.T. -0.01 min
Lab File: BF097457.D
Acq: 8 Aug 2017 5:04

Instrument :
BNA_F
ClientSampleId :
E2-O9-BASE

Tgt Ion: 82 Resp: 300178

Ion	Ratio	Lower	Upper
82	100		
128	46.0	34.0	51.0
54	69.0	42.2	63.2#

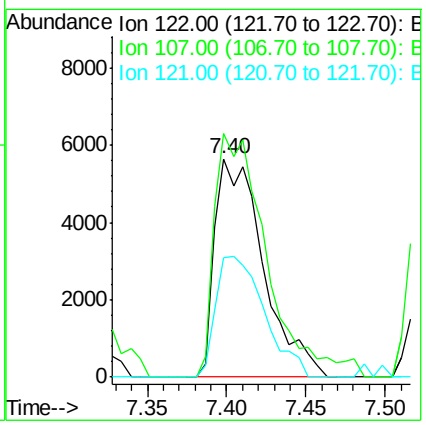


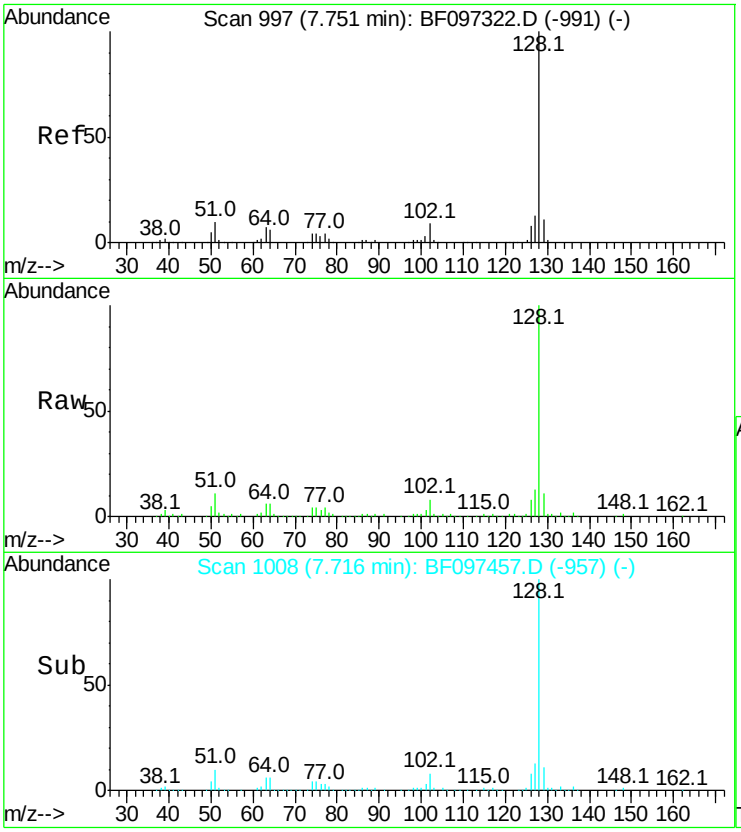


#27
2,4-Dimethylphenol
Concen: 2.127 ng
RT: 7.40 min Scan# 954
Delta R.T. 0.01 min
Lab File: BF097457.D
Acq: 8 Aug 2017 5:04

Tgt Ion:122 Resp: 11995

Ion	Ratio	Lower	Upper
122	100		
107	111.6	89.2	133.8
121	54.8	45.2	67.8



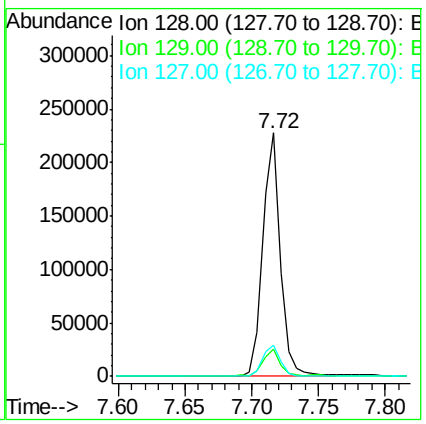


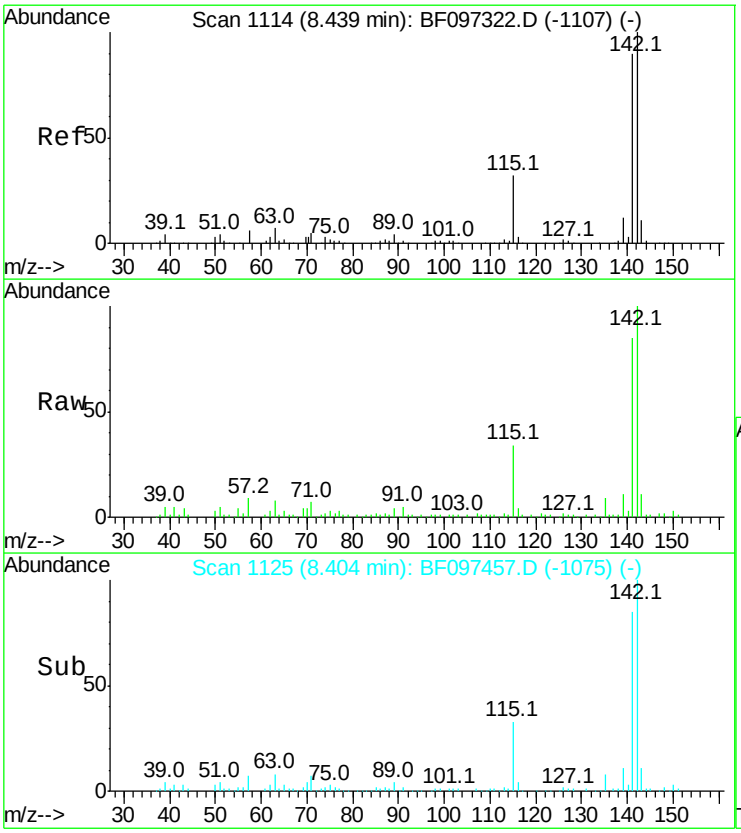
#31
Naphthalene
Concen: 12.310 ng
RT: 7.72 min Scan# 1008
Delta R.T. 0.00 min
Lab File: BF097457.D
Acq: 8 Aug 2017 5:04

Instrument :
BNA_F
ClientSampleId :
E2-O9-BASE

Tgt Ion:128 Resp: 206581

Ion	Ratio	Lower	Upper
128	100		
129	11.2	9.0	13.6
127	12.8	10.8	16.2

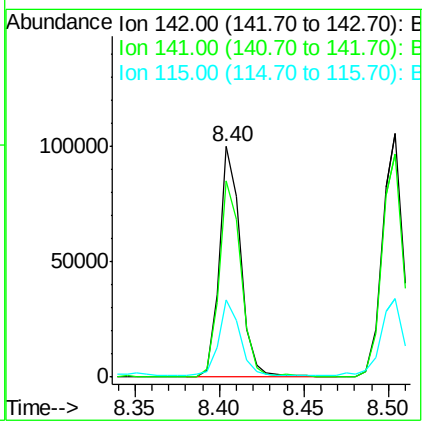


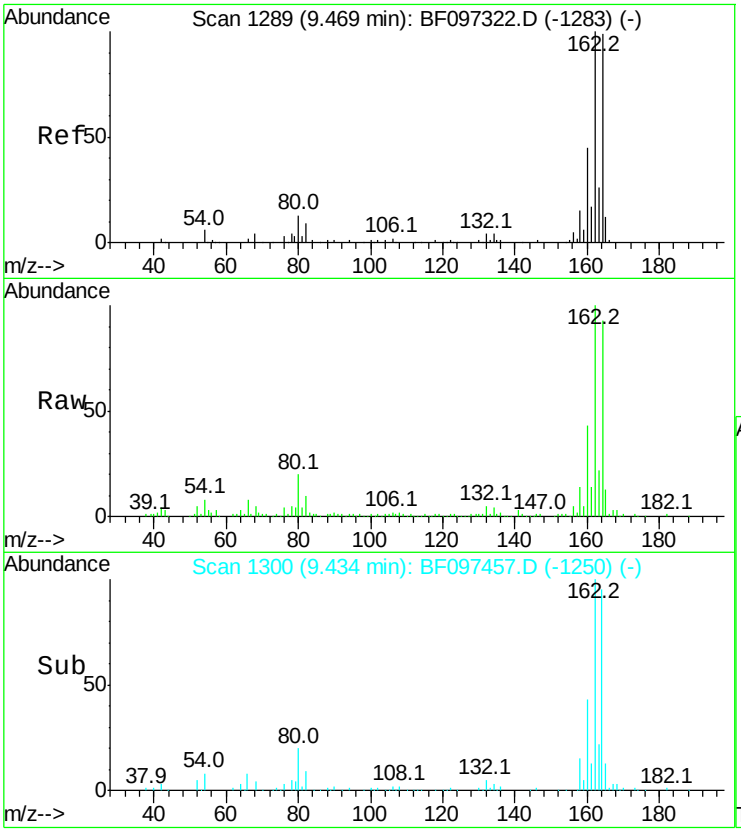


#37
2-Methylnaphthalene
Concen: 8.250 ng
RT: 8.40 min Scan# 1125
Delta R.T. -0.01 min
Lab File: BF097457.D
Acq: 8 Aug 2017 5:04

Tgt Ion:142 Resp: 87661

Ion	Ratio	Lower	Upper
142	100		
141	85.0	71.3	106.9
115	33.6	27.1	40.7



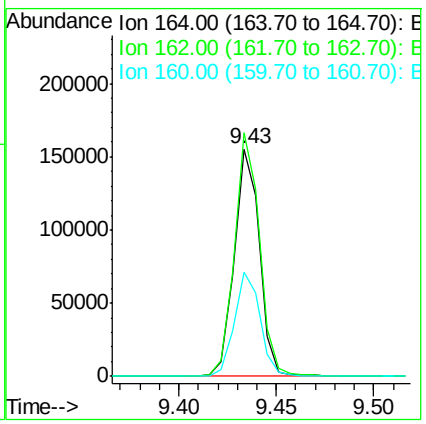


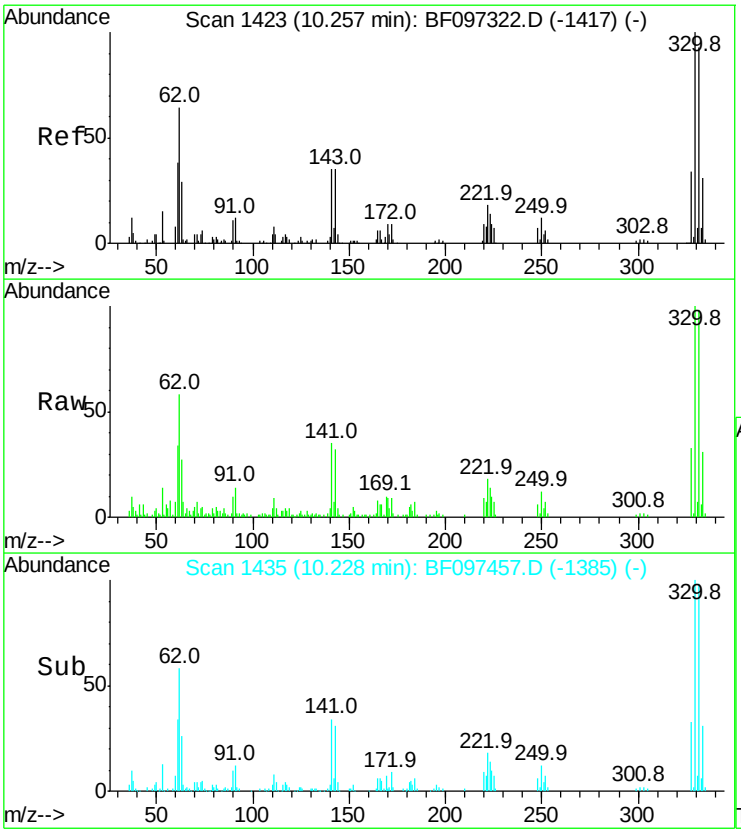
#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.43 min Scan# 1300
Delta R.T. -0.01 min
Lab File: BF097457.D
Acq: 8 Aug 2017 5:04

Instrument :
BNA_F
ClientSampleId :
E2-O9-BASE

Tgt Ion:164 Resp: 138154

Ion	Ratio	Lower	Upper
164	100		
162	107.0	82.6	123.8
160	45.6	36.2	54.2

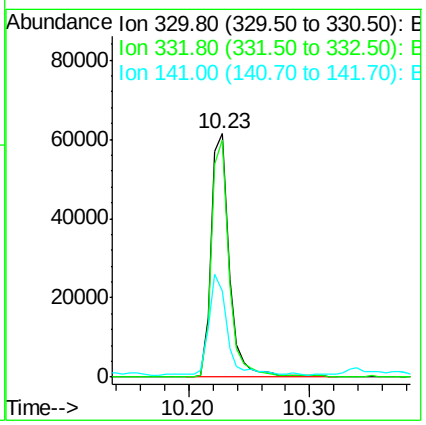


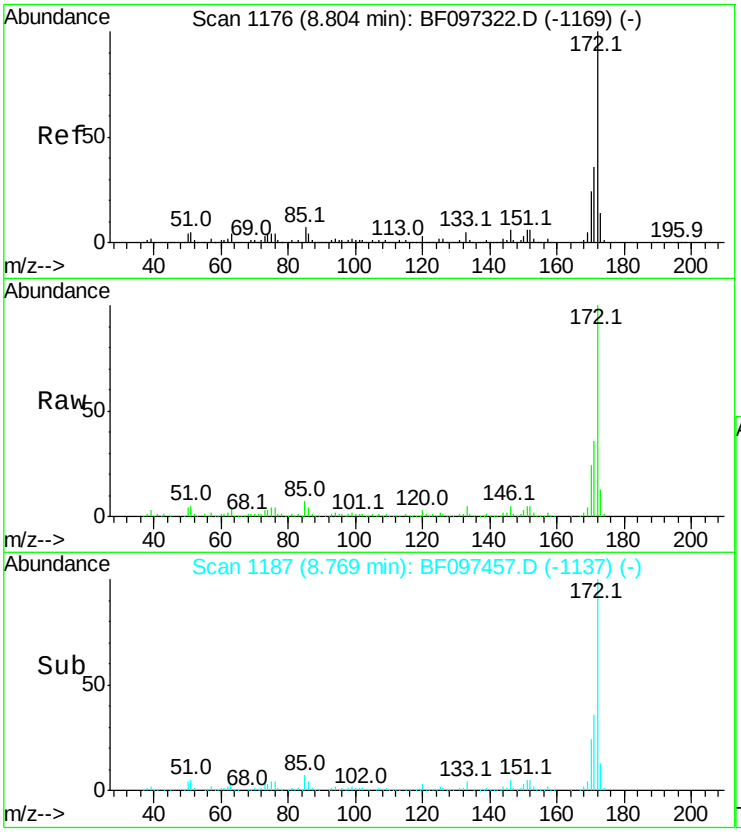


#41
2,4,6-Tribromophenol
Concen: 57.866 ng
RT: 10.23 min Scan# 1435
Delta R.T. -0.01 min
Lab File: BF097457.D
Acq: 8 Aug 2017 5:04

Tgt Ion:330 Resp: 63164

Ion	Ratio	Lower	Upper
330	100		
332	94.7	76.6	115.0
141	43.5	31.4	47.2



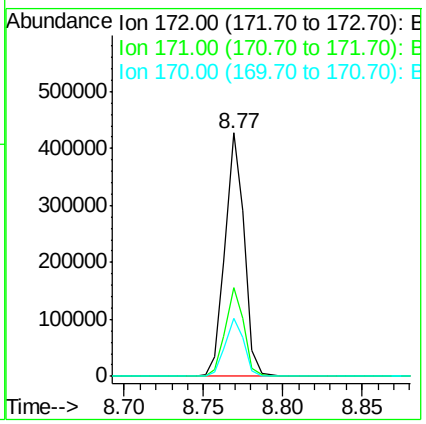


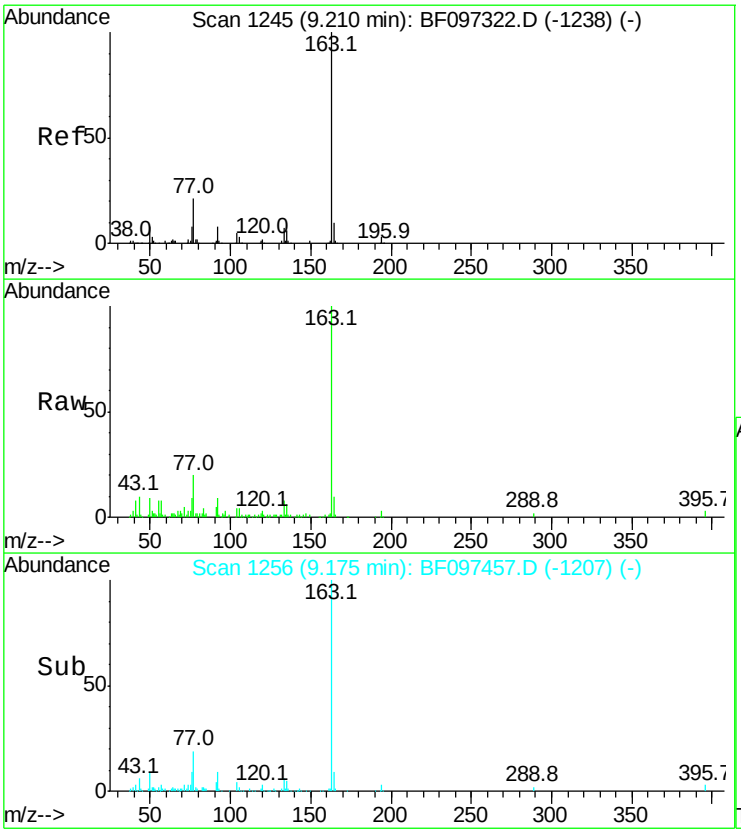
#44
2-Fluorobiphenyl
Concen: 44.057 ng
RT: 8.77 min Scan# 1187
Delta R.T. -0.01 min
Lab File: BF097457.D
Acq: 8 Aug 2017 5:04

Instrument :
BNA_F
ClientSampleId :
E2-O9-BASE

Tgt Ion:172 Resp: 358653

Ion	Ratio	Lower	Upper
172	100		
171	36.4	29.6	44.4
170	23.7	19.8	29.8

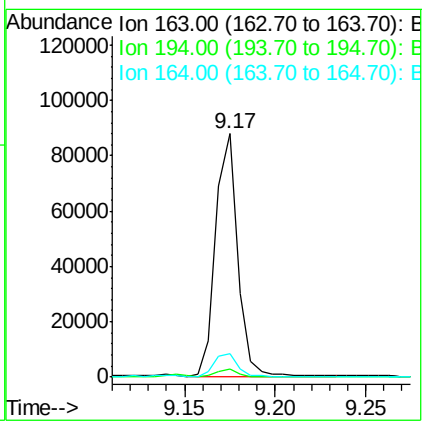


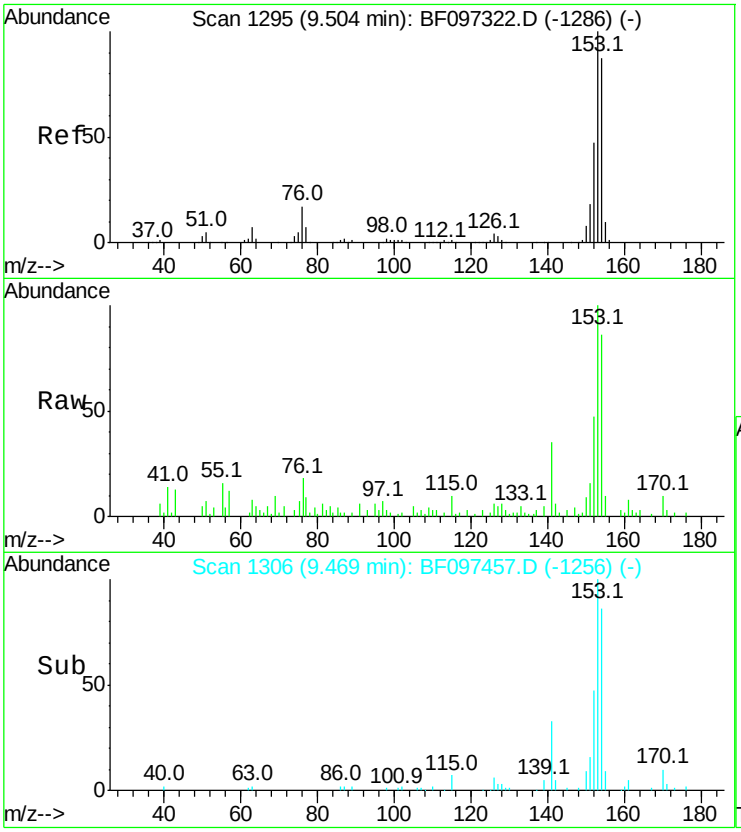


#49
Dimethylphthalate
Concen: 7.220 ng
RT: 9.17 min Scan# 1256
Delta R.T. -0.01 min
Lab File: BF097457.D
Acq: 8 Aug 2017 5:04

Tgt Ion:163 Resp: 75742

Ion	Ratio	Lower	Upper
163	100		
194	3.2	2.6	4.0
164	9.8	8.4	12.6



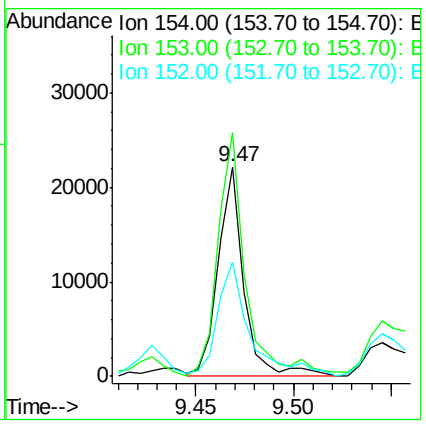


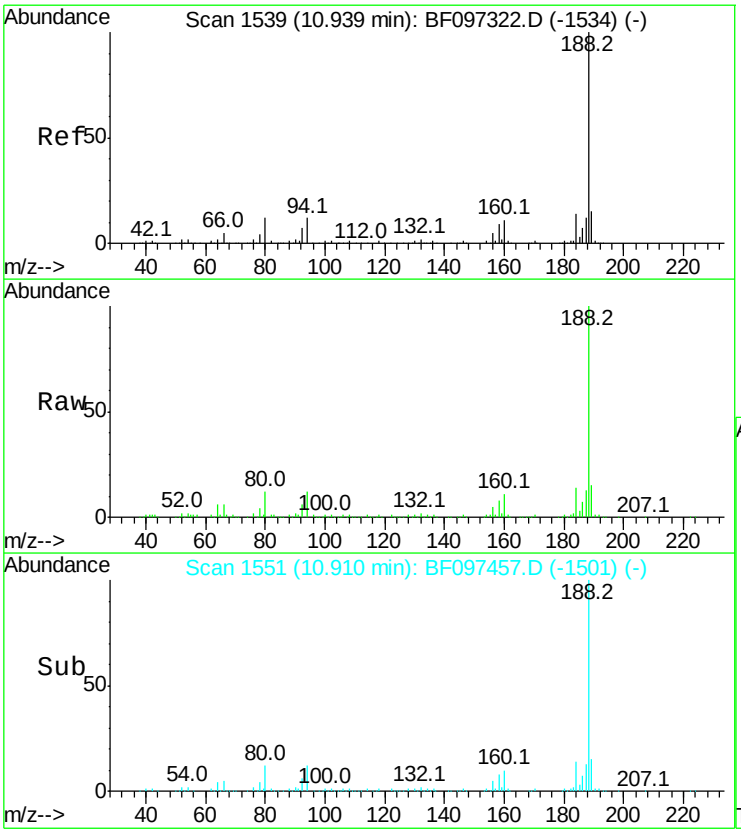
#51
Acenaphthene
Concen: 2.576 ng
RT: 9.47 min Scan# 1306
Delta R.T. -0.01 min
Lab File: BF097457.D
Acq: 8 Aug 2017 5:04

Instrument :
BNA_F
ClientSampleId :
E2-O9-BASE

Tgt Ion:154 Resp: 20225

Ion	Ratio	Lower	Upper
154	100		
153	116.4	90.5	135.7
152	54.6	43.6	65.4

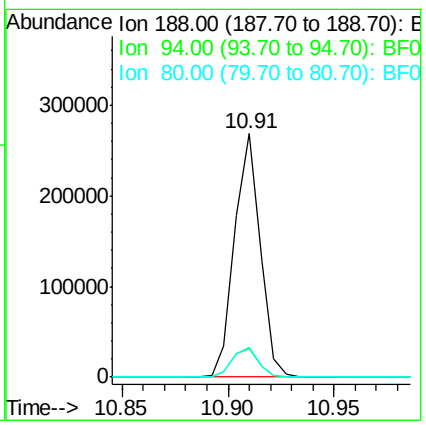


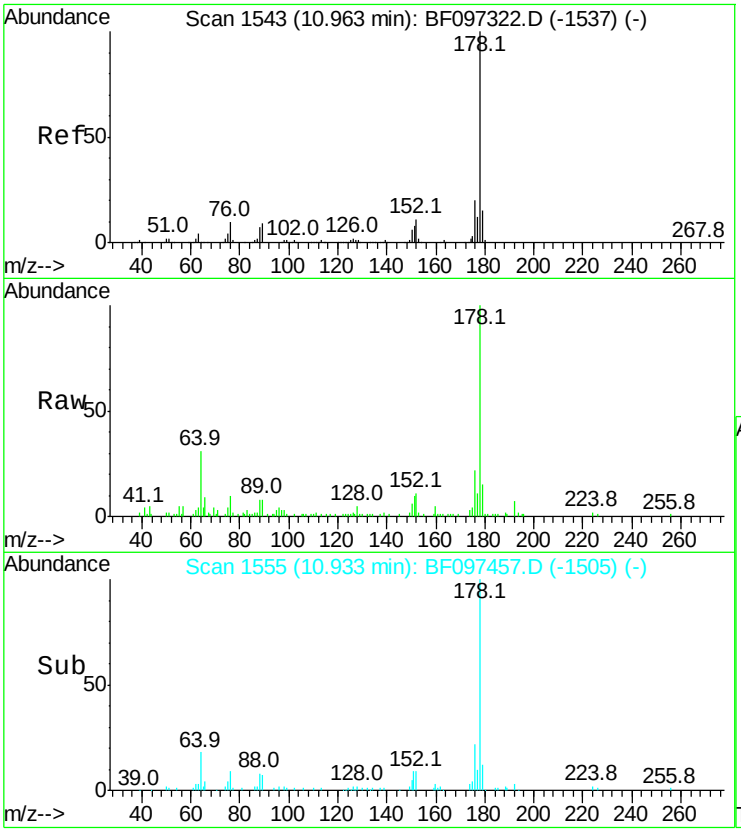


#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 10.91 min Scan# 1551
Delta R.T. -0.01 min
Lab File: BF097457.D
Acq: 8 Aug 2017 5:04

Tgt Ion:188 Resp: 224911

Ion	Ratio	Lower	Upper
188	100		
94	11.7	9.4	14.2
80	12.5	10.2	15.2



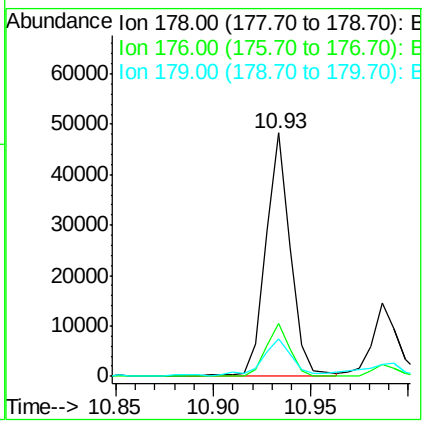


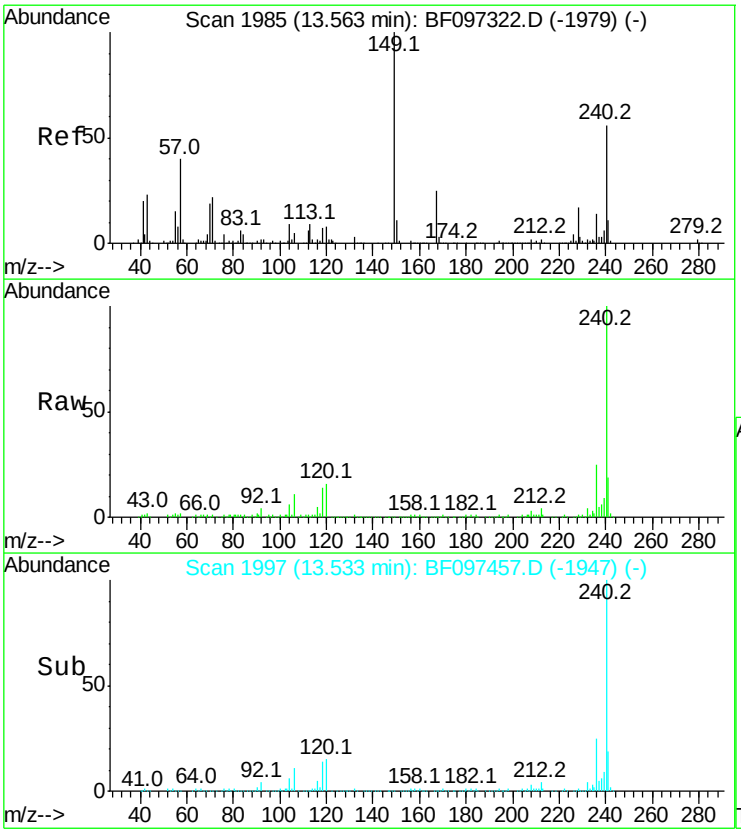
#70
Phenanthrene
Concen: 3.517 ng
RT: 10.93 min Scan# 1555
Delta R.T. -0.01 min
Lab File: BF097457.D
Acq: 8 Aug 2017 5:04

Instrument :
BNA_F
ClientSampleId :
E2-O9-BASE

Tgt Ion:178 Resp: 42388

Ion	Ratio	Lower	Upper
178	100		
176	21.6	16.2	24.4
179	15.4	12.6	19.0

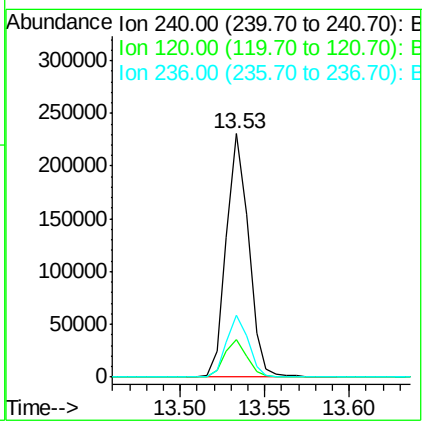


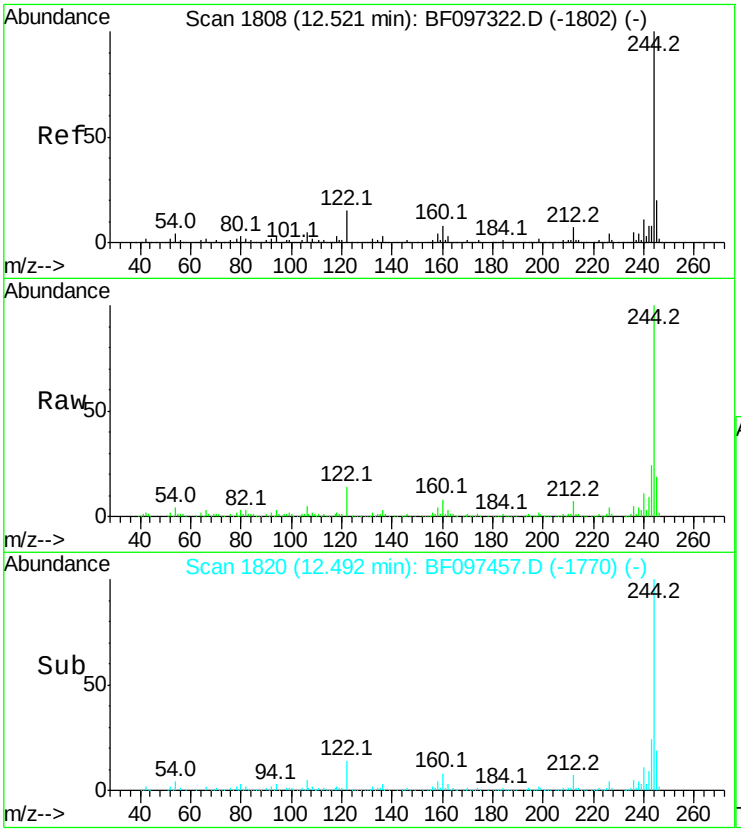


#75
Chrysene-d12
Concen: 20.000 ng
RT: 13.53 min Scan# 1997
Delta R.T. -0.01 min
Lab File: BF097457.D
Acq: 8 Aug 2017 5:04

Tgt Ion:240 Resp: 211675

Ion	Ratio	Lower	Upper
240	100		
120	15.6	5.8	8.8#
236	25.2	20.5	30.7



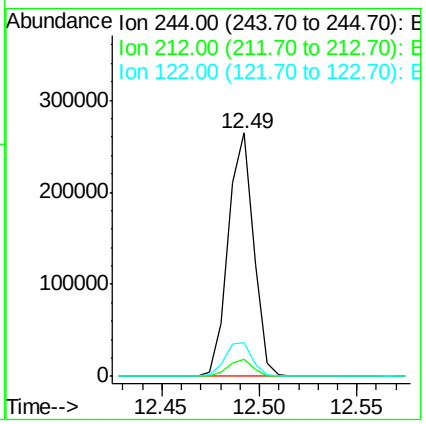


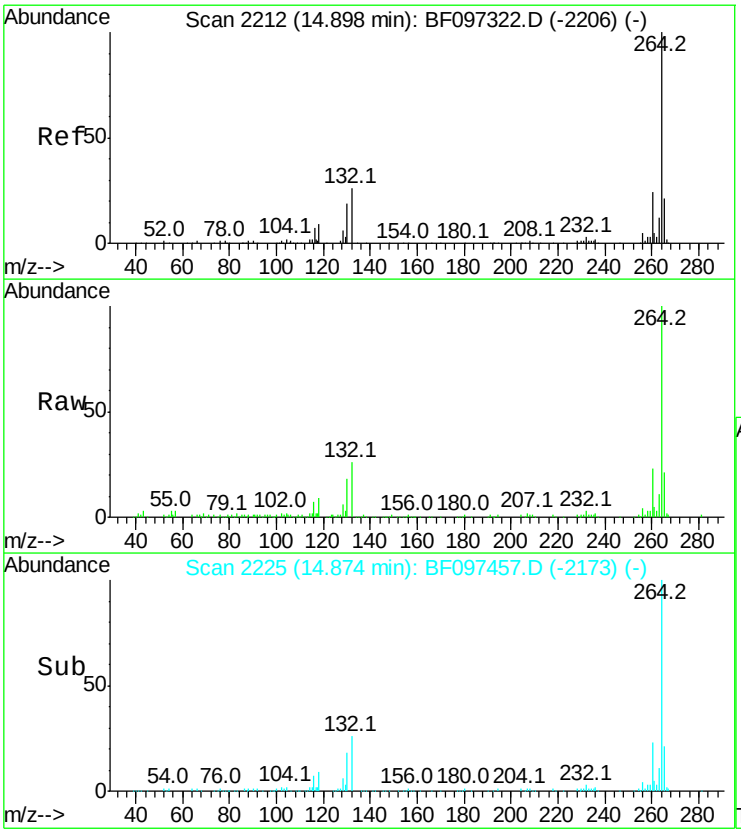
#78
Terphenyl-d14
Concen: 23.012 ng
RT: 12.49 min Scan# 1820
Delta R.T. -0.01 min
Lab File: BF097457.D
Acq: 8 Aug 2017 5:04

Instrument :
BNA_F
ClientSampleId :
E2-O9-BASE

Tgt Ion:244 Resp: 238913

Ion	Ratio	Lower	Upper
244	100		
212	6.9	6.0	9.0
122	13.6	10.3	15.5





#86
Perylene-d12
Concen: 20.000 ng
RT: 14.87 min Scan# 2225
Delta R.T. 0.01 min
Lab File: BF097457.D
Acq: 8 Aug 2017 5:04

Tgt Ion:264 Resp: 142391

Ion	Ratio	Lower	Upper
264	100		
260	23.3	19.5	29.3
265	21.1	17.2	25.8