Quantitation Report (LSC Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF072517\
Data File : BF097059.D
Acq On : 26 Jul 2017 6:06
Operator : SJ/JU
Sample : I4399-02 5X
Misc :
ALS Vial : 33 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : E2-N7-BASE

Quant Time: Jul 26 06:56:45 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	113470	20.00	ng		0.00
21) Naphthalene-d8	7.79	136	428893	20.00	ng		0.00
38) Acenaphthene-d10	9.53	164	171363	20.00	ng		0.00
63) Phenanthrene-d10	11.00	188	249704	20.00	ng		0.00
75) Chrysene-d12	13.62	240	201280	20.00	ng		0.00
86) Perylene-d12	14.97	264	145721	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.10	112	141092	18.74	ng		0.00
7) Phenol-d6	6.16	99	168627	19.62	ng		-0.01
23) Nitrobenzene-d5	7.06	82	97677	13.36	ng		-0.01
41) 2,4,6-Tribromophenol	10.31	330	25276	18.67	ng		-0.01
44) 2-Fluorobiphenyl	8.86	172	155020	15.35	ng		-0.01
78) Terphenyl-d14	12.58	244	78679	7.97	ng		0.00
Target Compounds							Qvalue
11) bis(2-Chloroethyl)ether	6.23	93	69230	8.588	ng		86
12) 1,3-Dichlorobenzene	6.44	146	58117	6.700	ng		97
13) 1,4-Dichlorobenzene	6.52	146	181218	21.082	ng		94
14) 1,2-Dichlorobenzene	6.67	146	241834	32.222	ng		97
16) 2,2'-oxybis(1-Chloropropan	6.79	45	128343	7.938	ng		88
17) 2-Methylphenol	6.78	107	17218	2.772	ng	#	78
20) 3+4-Methylphenols	6.94	107	18045	2.224	ng	#	58
27) 2,4-Dimethylphenol	7.46	122	166739	24.537	ng		97
31) Naphthalene	7.82	128	3021105	149.430	ng		99
37) 2-Methylnaphthalene	8.50	142	635170	49.620	ng		99
49) Dimethylphthalate	9.26	163	34254	2.632	ng		99

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

Quantitation Report (LSC Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF072517\
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Acq On : 26 Jul 2017 6:06
Operator : SJ/JU
Sample : I4399-02 5X
Misc :
ALS Vial : 33 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
E2-N7-BASE

Quant Time: Jul 26 06:56:45 2017
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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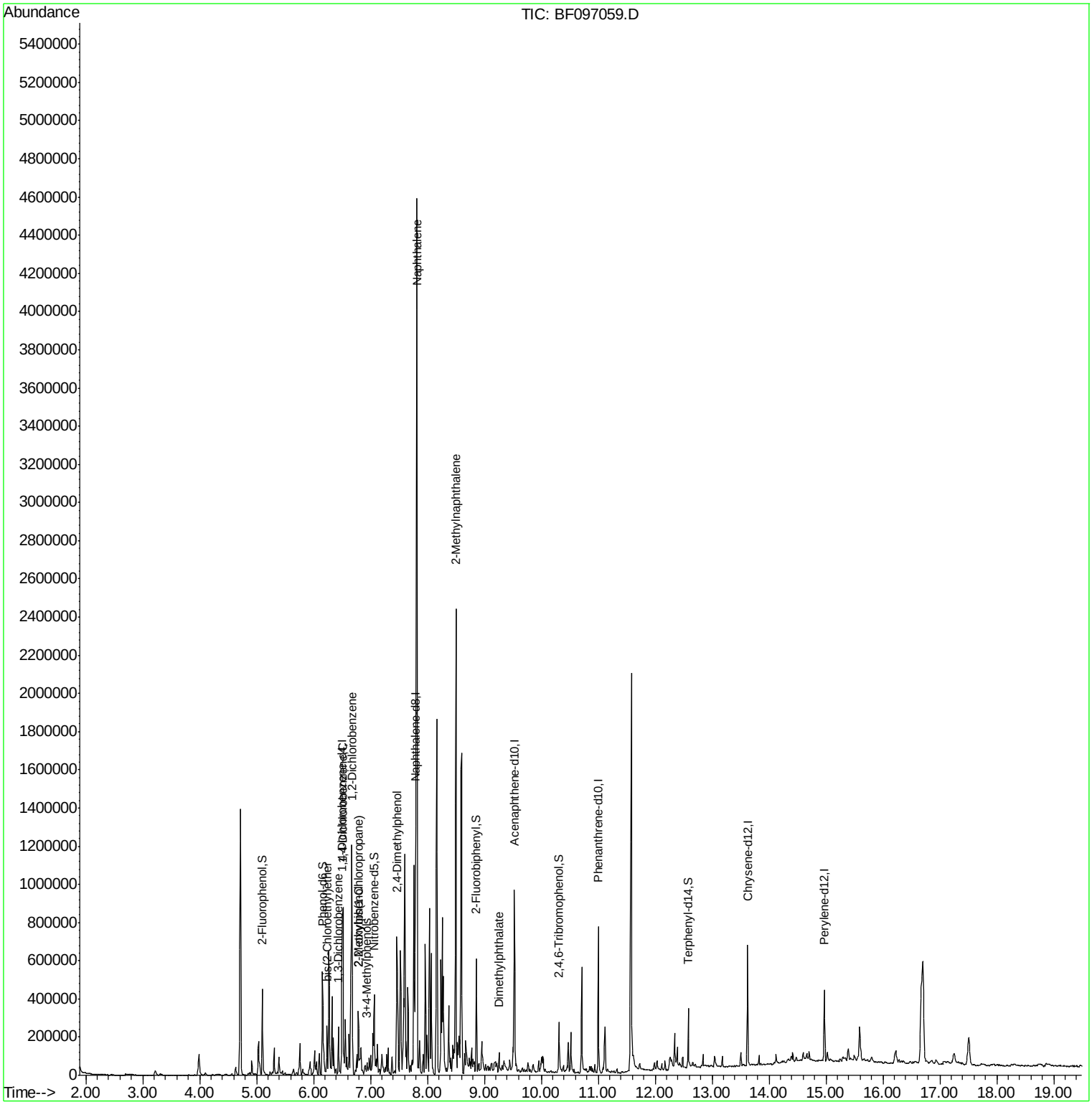
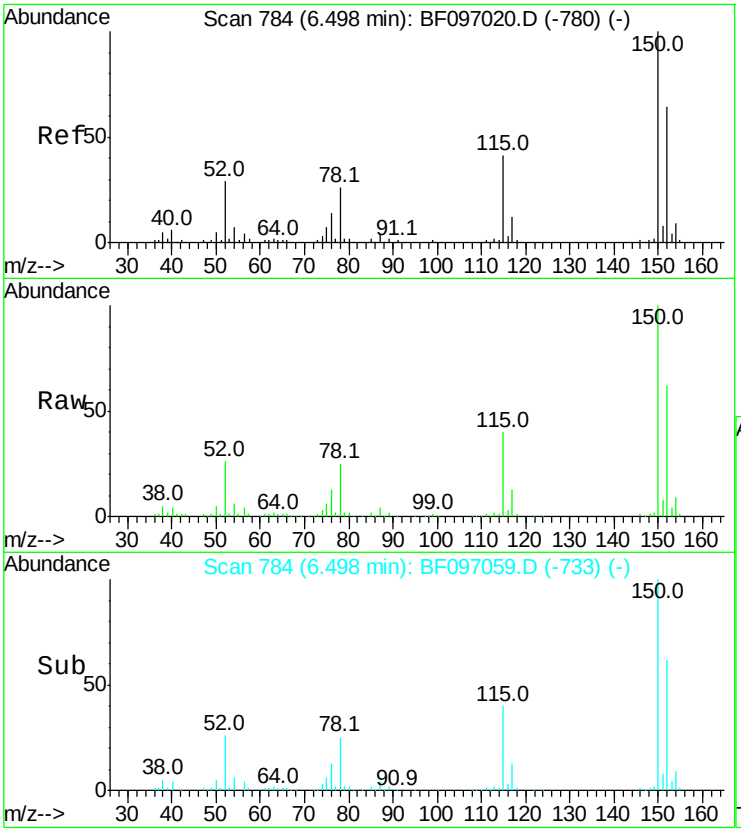


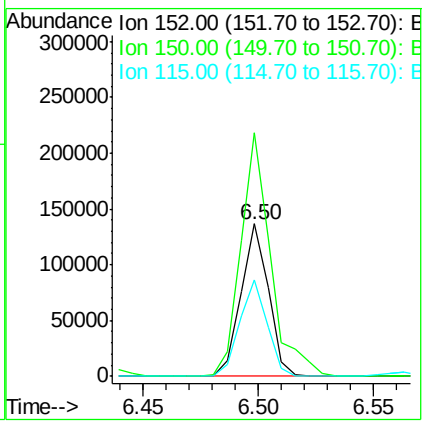


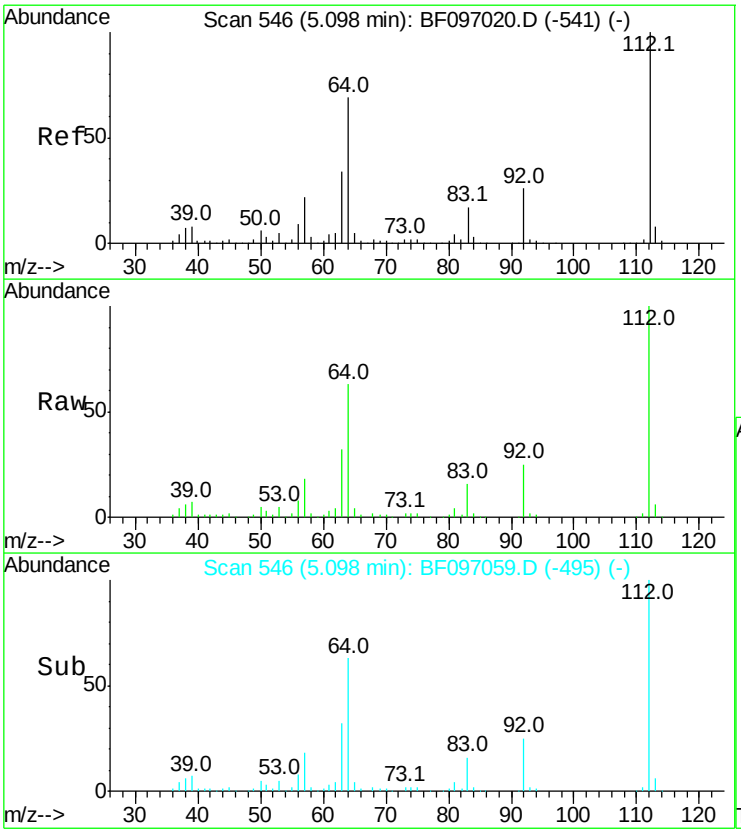
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.50 min Scan# 784
Delta R.T. -0.00 min
Lab File: BF097059.D
Acq: 26 Jul 2017 6:06

Instrument :
BNA_F
ClientSampleId :
E2-N7-BASE

Tgt Ion:152 Resp: 113470

Ion	Ratio	Lower	Upper
152	100		
150	160.0	126.2	189.2
115	63.4	52.2	78.2

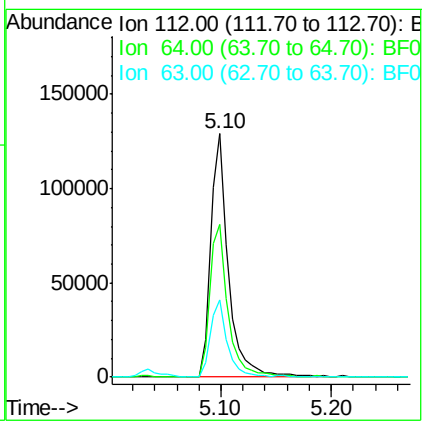


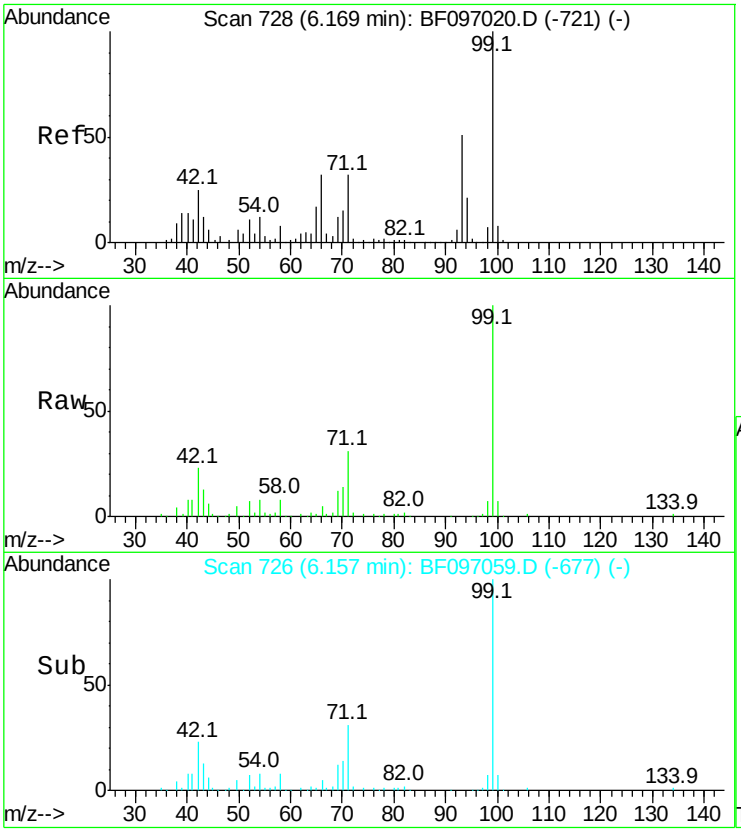


#5
2-Fluorophenol
Concen: 18.745 ng
RT: 5.10 min Scan# 546
Delta R.T. 0.00 min
Lab File: BF097059.D
Acq: 26 Jul 2017 6:06

Tgt Ion:112 Resp: 141092

Ion	Ratio	Lower	Upper
112	100		
64	63.0	46.0	69.0
63	31.6	23.4	35.0



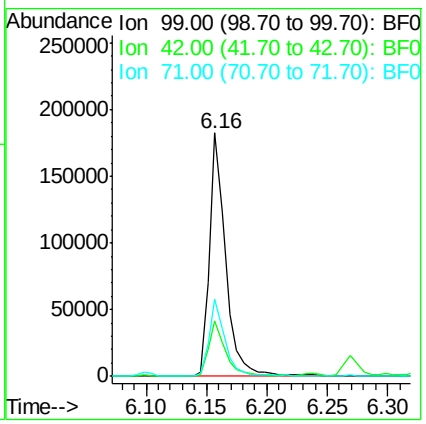


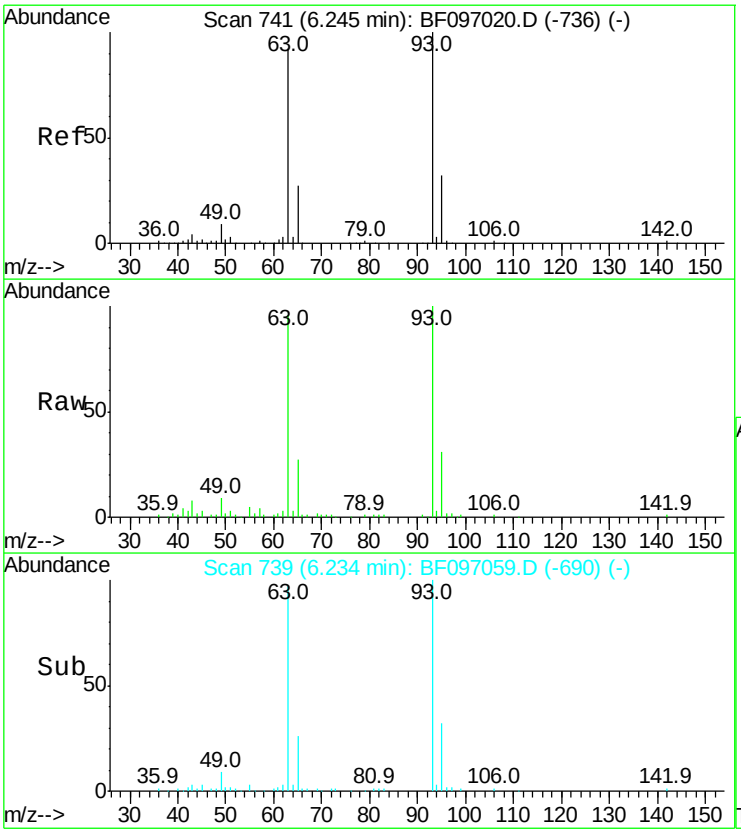
#7
Phenol-d6
Concen: 19.624 ng
RT: 6.16 min Scan# 726
Delta R.T. -0.01 min
Lab File: BF097059.D
Acq: 26 Jul 2017 6:06

Instrument :
BNA_F
ClientSampleId :
E2-N7-BASE

Tgt Ion: 99 Resp: 168627

Ion	Ratio	Lower	Upper
99	100		
42	22.6	13.5	20.3#
71	31.5	24.5	36.7

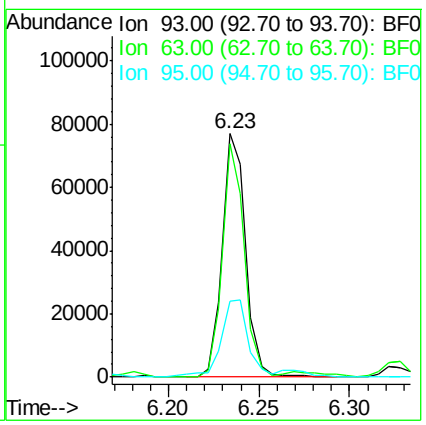


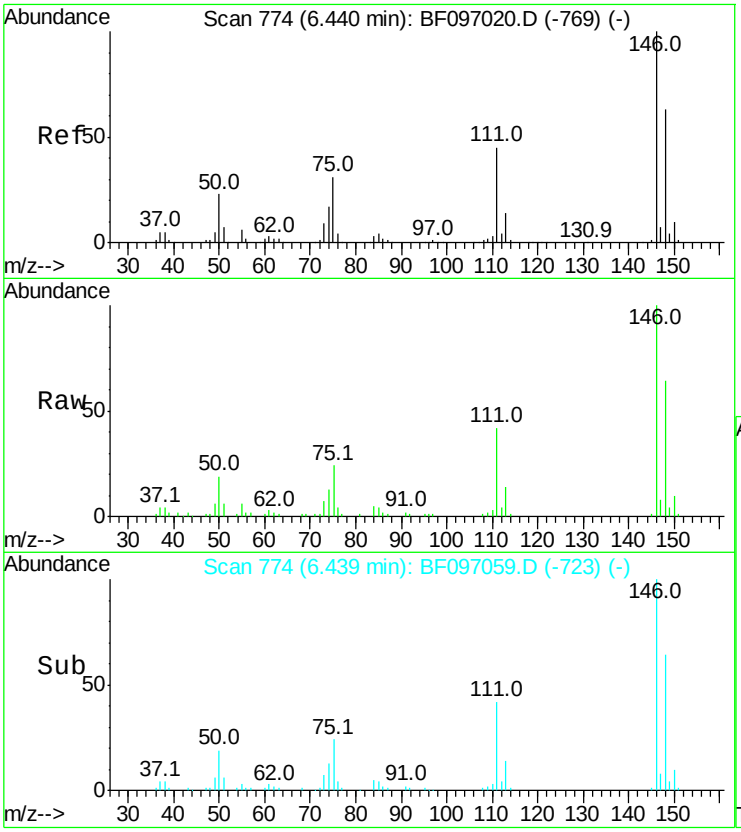


#11
bis(2-Chloroethyl)ether
Concen: 8.588 ng
RT: 6.23 min Scan# 739
Delta R.T. -0.01 min
Lab File: BF097059.D
Acq: 26 Jul 2017 6:06

Tgt Ion: 93 Resp: 69230

Ion	Ratio	Lower	Upper
93	100		
63	96.1	59.2	99.2
95	31.3	12.8	52.8



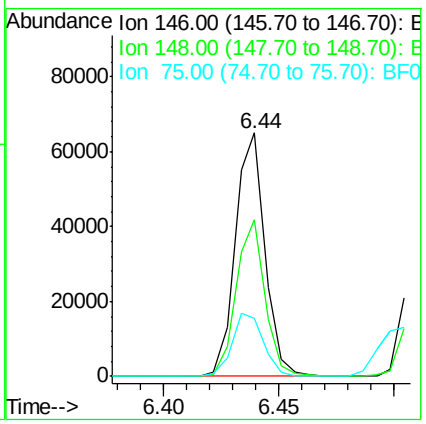


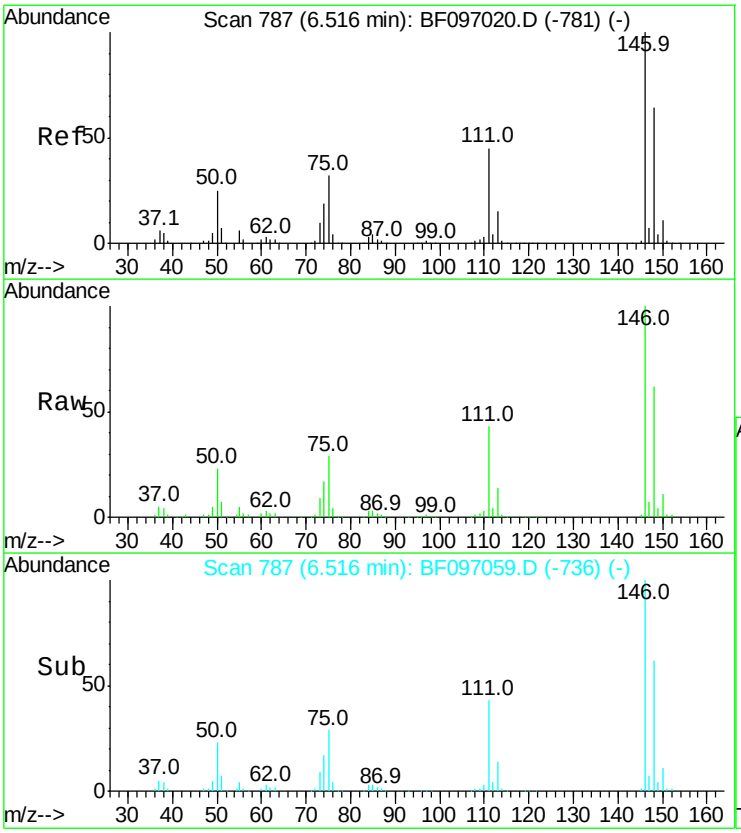
#12
1,3-Dichlorobenzene
Concen: 6.700 ng
RT: 6.44 min Scan# 774
Delta R.T. -0.00 min
Lab File: BF097059.D
Acq: 26 Jul 2017 6:06

Instrument :
BNA_F
ClientSampleId :
E2-N7-BASE

Tgt Ion:146 Resp: 58117

Ion	Ratio	Lower	Upper
146	100		
148	64.3	51.8	77.6
75	24.0	23.1	34.7

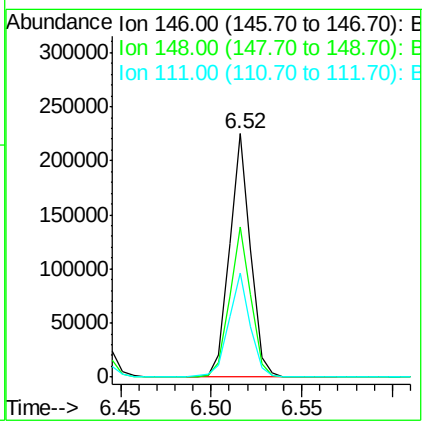


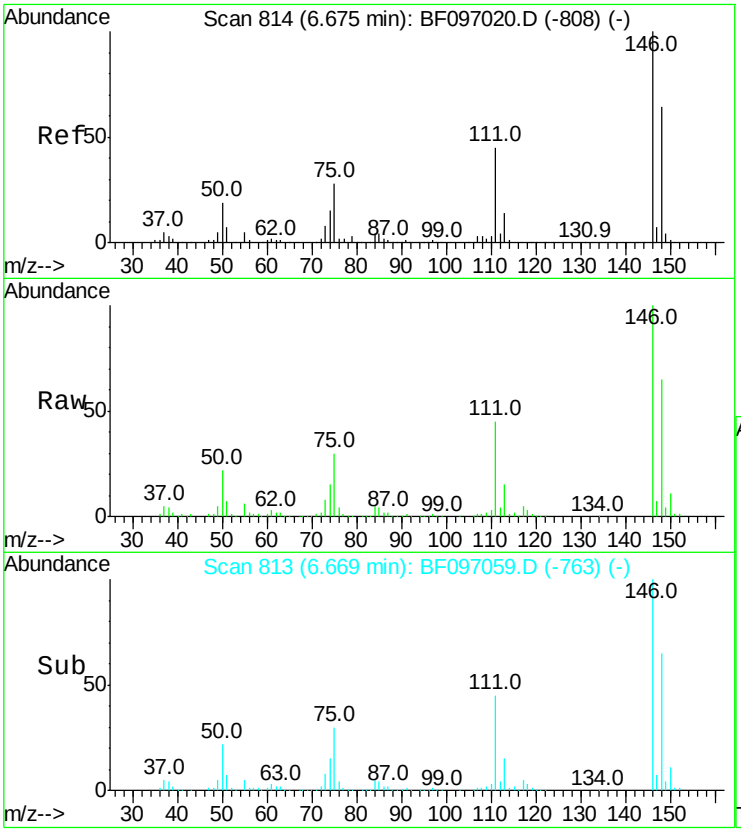


#13
1,4-Dichlorobenzene
Concen: 21.082 ng
RT: 6.52 min Scan# 787
Delta R.T. -0.00 min
Lab File: BF097059.D
Acq: 26 Jul 2017 6:06

Tgt Ion:146 Resp: 181218

Ion	Ratio	Lower	Upper
146	100		
148	61.9	52.2	78.2
111	42.8	30.3	45.5



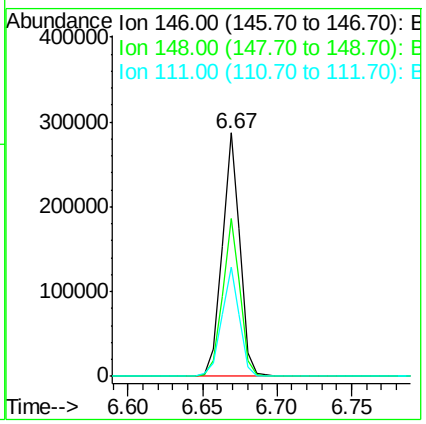


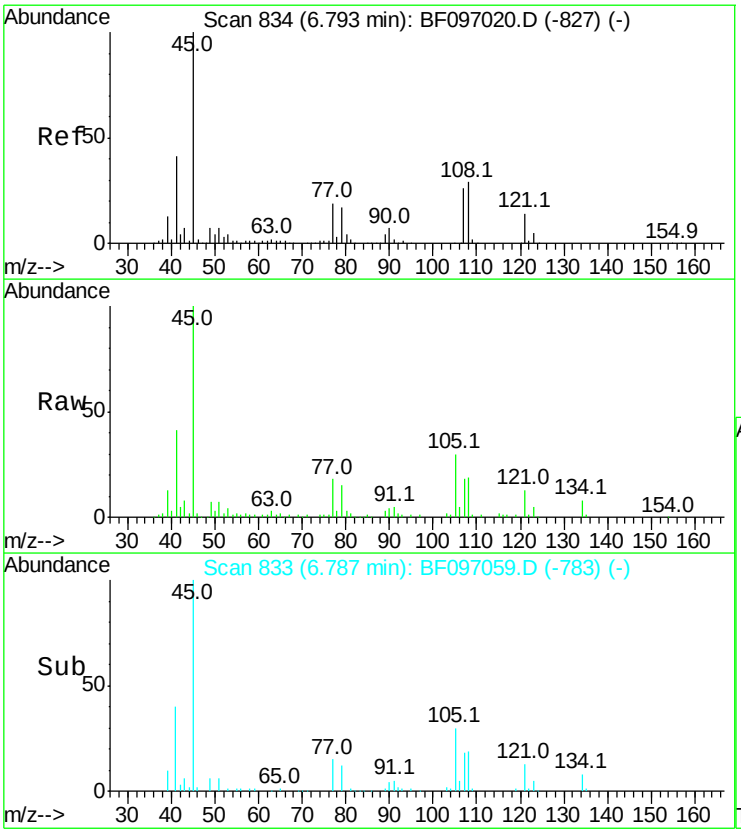
#14
1,2-Dichlorobenzene
Concen: 32.222 ng
RT: 6.67 min Scan# 813
Delta R.T. -0.01 min
Lab File: BF097059.D
Acq: 26 Jul 2017 6:06

Instrument :
BNA_F
ClientSampleId :
E2-N7-BASE

Tgt Ion:146 Resp: 241834

Ion	Ratio	Lower	Upper
146	100		
148	64.7	50.4	75.6
111	44.6	38.2	57.4

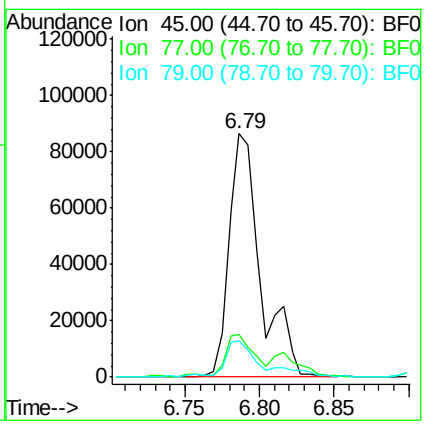


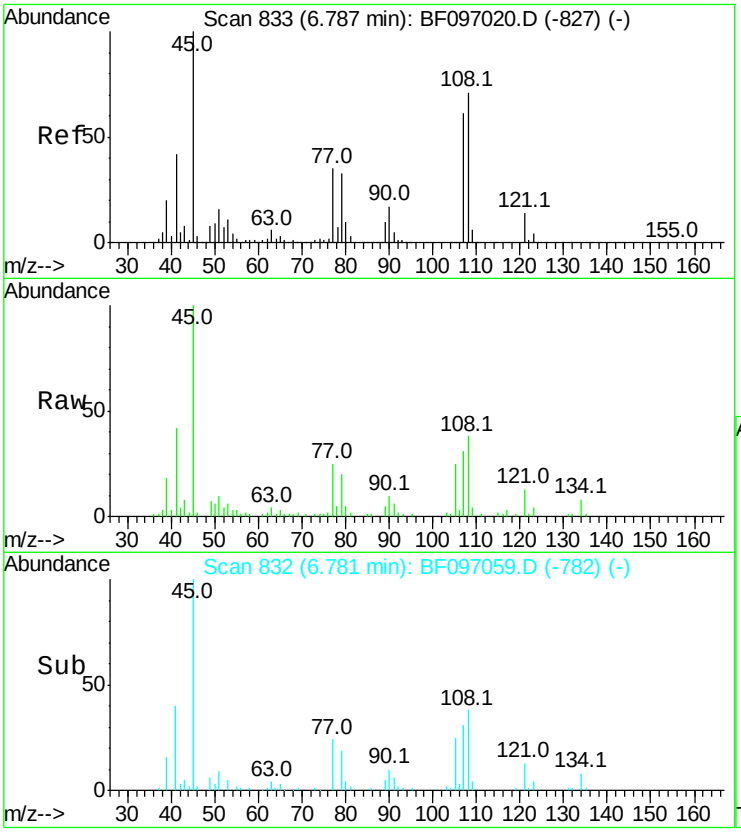


#16
2,2'-oxybis(1-Chloropropane)
Concen: 7.938 ng
RT: 6.79 min Scan# 833
Delta R.T. -0.01 min
Lab File: BF097059.D
Acq: 26 Jul 2017 6:06

Tgt Ion: 45 Resp: 128343

Ion	Ratio	Lower	Upper
45	100		
77	17.7	0.0	33.2
79	15.0	0.0	30.0



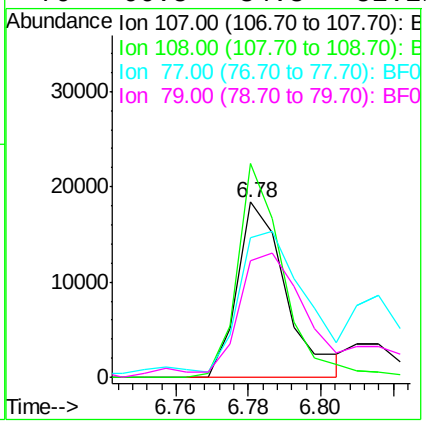


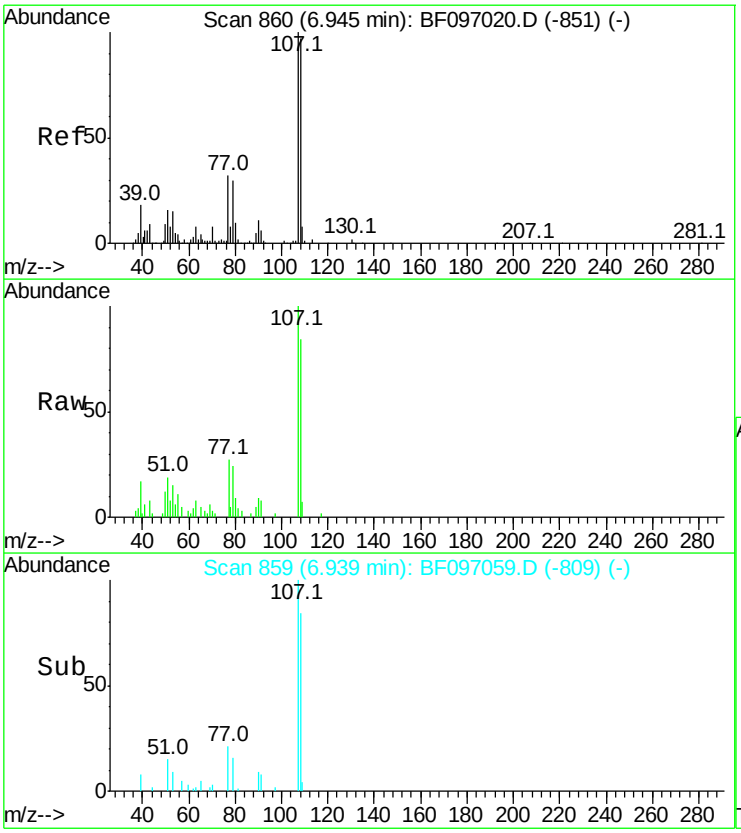
#17
2-Methylphenol
Concen: 2.772 ng
RT: 6.78 min Scan# 832
Delta R.T. -0.01 min
Lab File: BF097059.D
Acq: 26 Jul 2017 6:06

Instrument :
BNA_F
ClientSampleId :
E2-N7-BASE

Tgt Ion:107 Resp: 17218

Ion	Ratio	Lower	Upper
107	100		
108	121.9	93.4	140.0
77	79.9	35.8	53.6#
79	66.5	34.8	52.2#

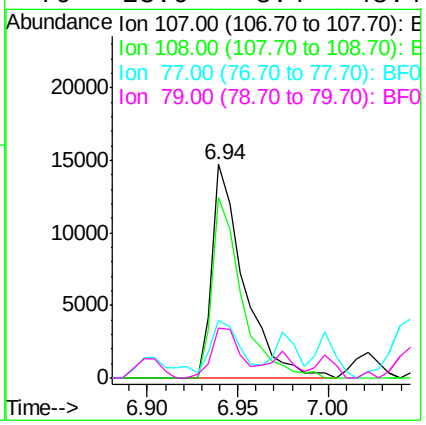


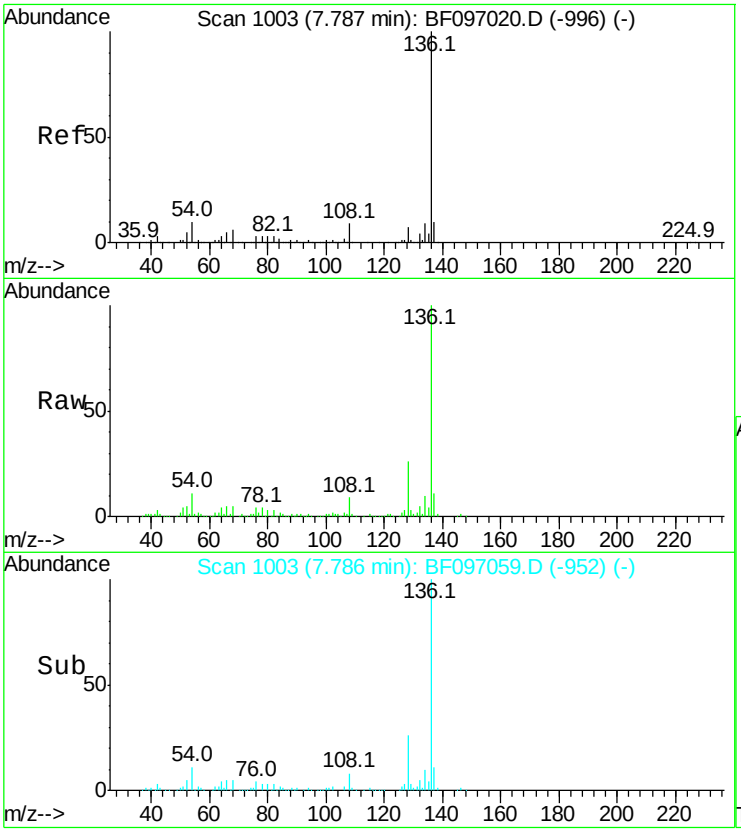


#20
3+4-Methylphenols
Concen: 2.224 ng
RT: 6.94 min Scan# 859
Delta R.T. -0.01 min
Lab File: BF097059.D
Acq: 26 Jul 2017 6:06

Tgt Ion:107 Resp: 18045

Ion	Ratio	Lower	Upper
107	100		
108	84.3	71.0	111.0
77	27.2	90.5	130.5#
79	23.6	8.4	48.4



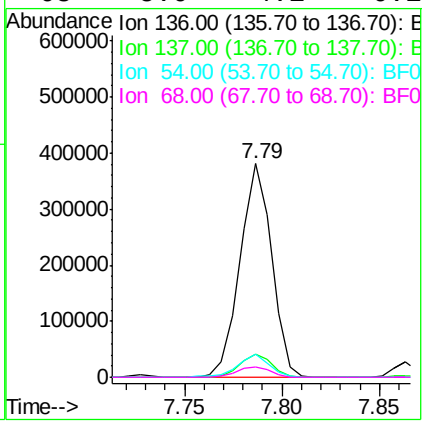


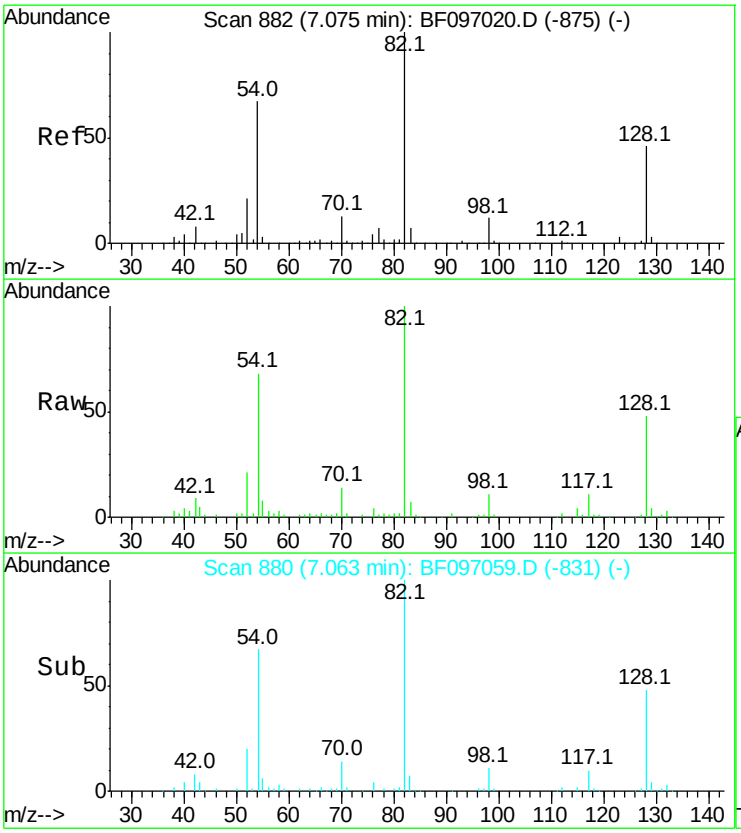
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 7.79 min Scan# 1003
Delta R.T. -0.00 min
Lab File: BF097059.D
Acq: 26 Jul 2017 6:06

Instrument :
BNA_F
ClientSampleId :
E2-N7-BASE

Tgt Ion:136 Resp: 428893

Ion	Ratio	Lower	Upper
136	100		
137	10.8	8.5	12.7
54	10.8	4.9	7.3#
68	5.0	4.1	6.1

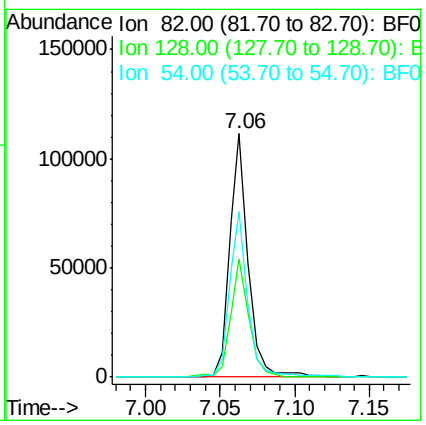


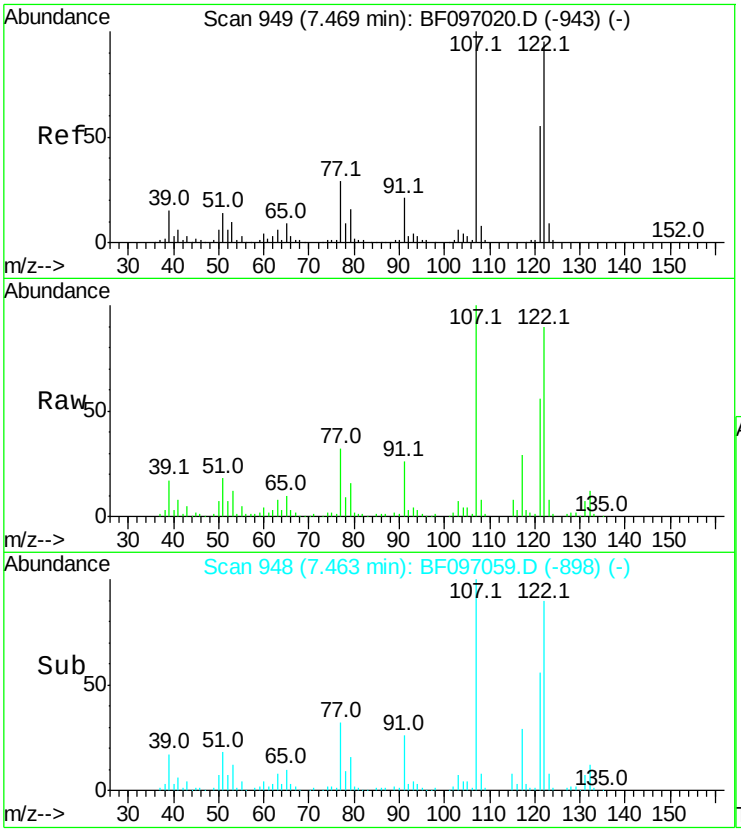


#23
Nitrobenzene-d5
Concen: 13.360 ng
RT: 7.06 min Scan# 880
Delta R.T. -0.01 min
Lab File: BF097059.D
Acq: 26 Jul 2017 6:06

Tgt Ion: 82 Resp: 97677

Ion	Ratio	Lower	Upper
82	100		
128	48.5	34.0	51.0
54	67.9	42.2	63.2#



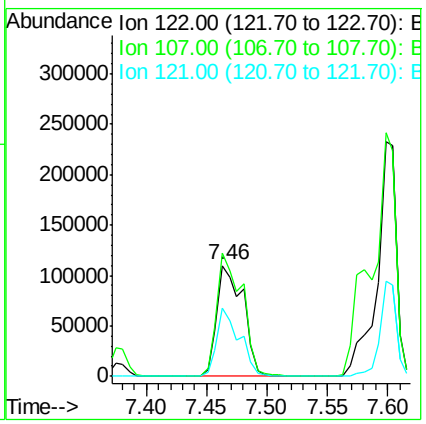


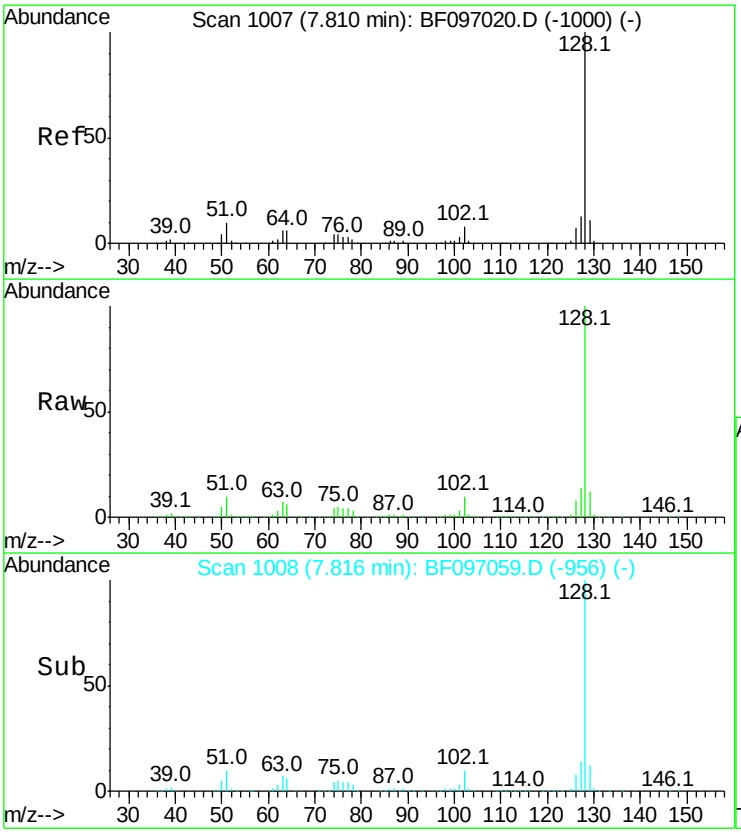
#27
2,4-Dimethylphenol
Concen: 24.537 ng
RT: 7.46 min Scan# 948
Delta R.T. -0.01 min
Lab File: BF097059.D
Acq: 26 Jul 2017 6:06

Instrument :
BNA_F
ClientSampleId :
E2-N7-BASE

Tgt Ion:122 Resp: 166739

Ion	Ratio	Lower	Upper
122	100		
107	110.5	89.2	133.8
121	61.6	45.2	67.8

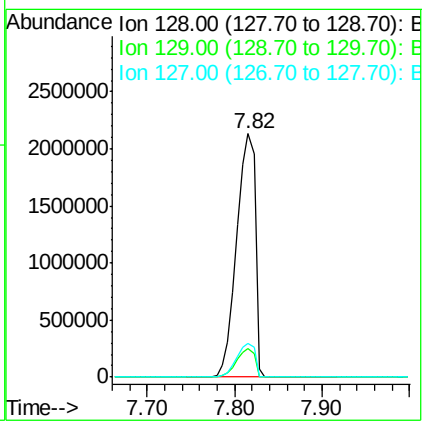


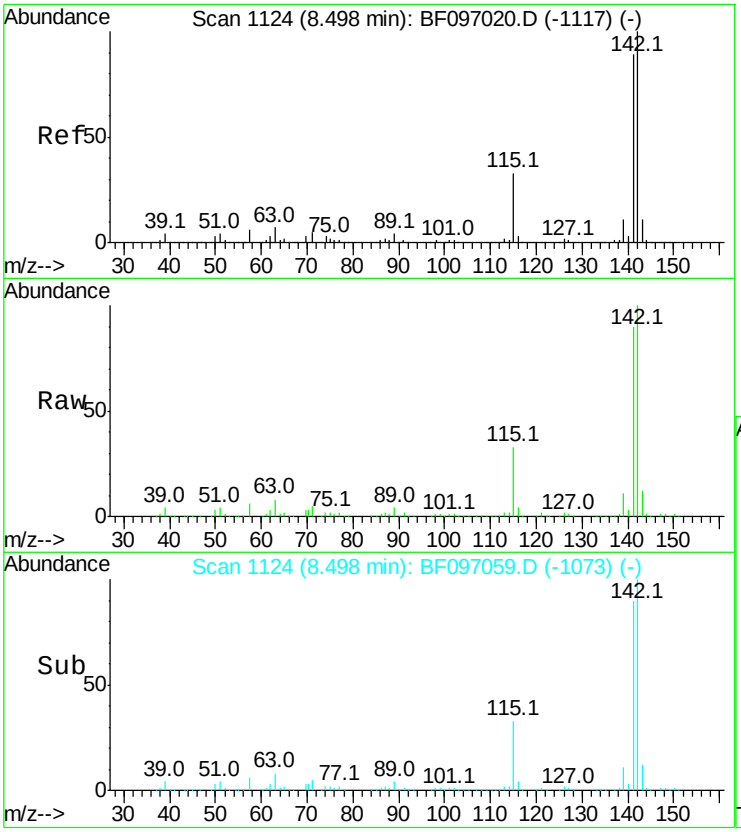


#31
Naphthalene
Concen: 149.430 ng
RT: 7.82 min Scan# 1008
Delta R.T. 0.01 min
Lab File: BF097059.D
Acq: 26 Jul 2017 6:06

Tgt Ion:128 Resp: 3021105

Ion	Ratio	Lower	Upper
128	100		
129	11.7	9.0	13.6
127	14.0	10.8	16.2



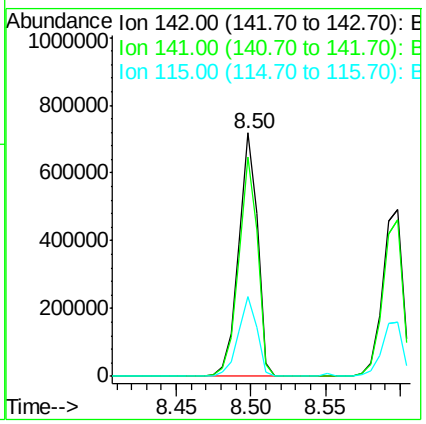


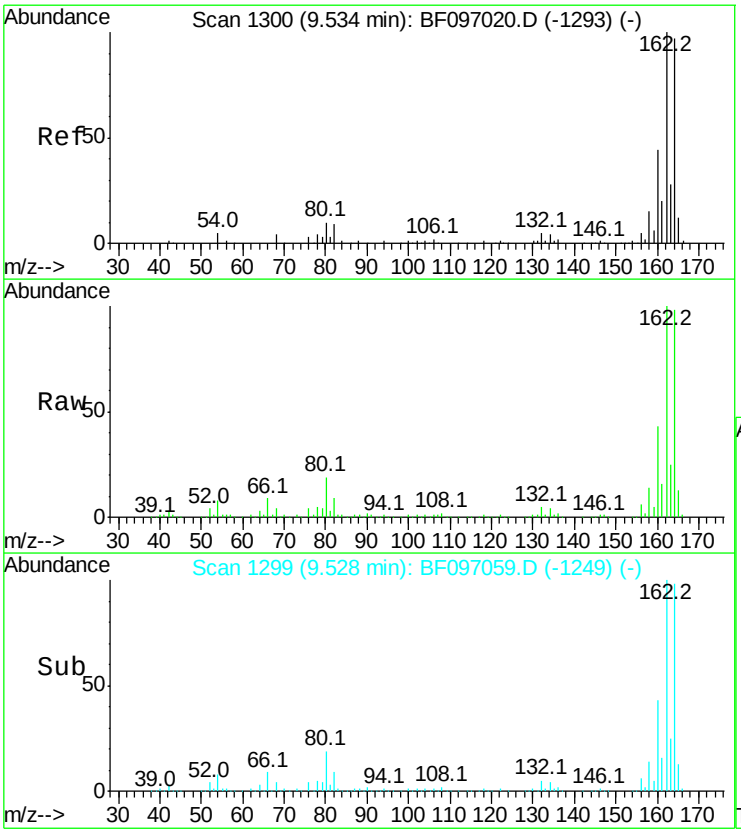
#37
2-Methylnaphthalene
Concen: 49.620 ng
RT: 8.50 min Scan# 1124
Delta R.T. -0.00 min
Lab File: BF097059.D
Acq: 26 Jul 2017 6:06

Instrument :
BNA_F
ClientSampleId :
E2-N7-BASE

Tgt Ion:142 Resp: 635170

Ion	Ratio	Lower	Upper
142	100		
141	90.0	71.3	106.9
115	32.9	27.1	40.7

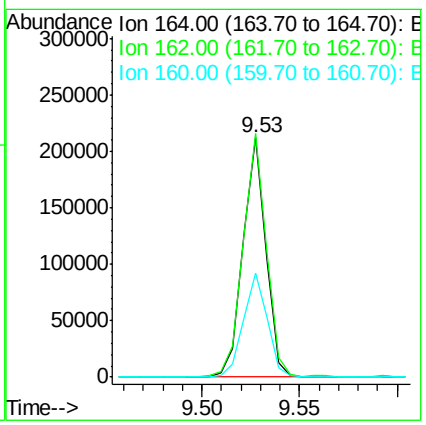


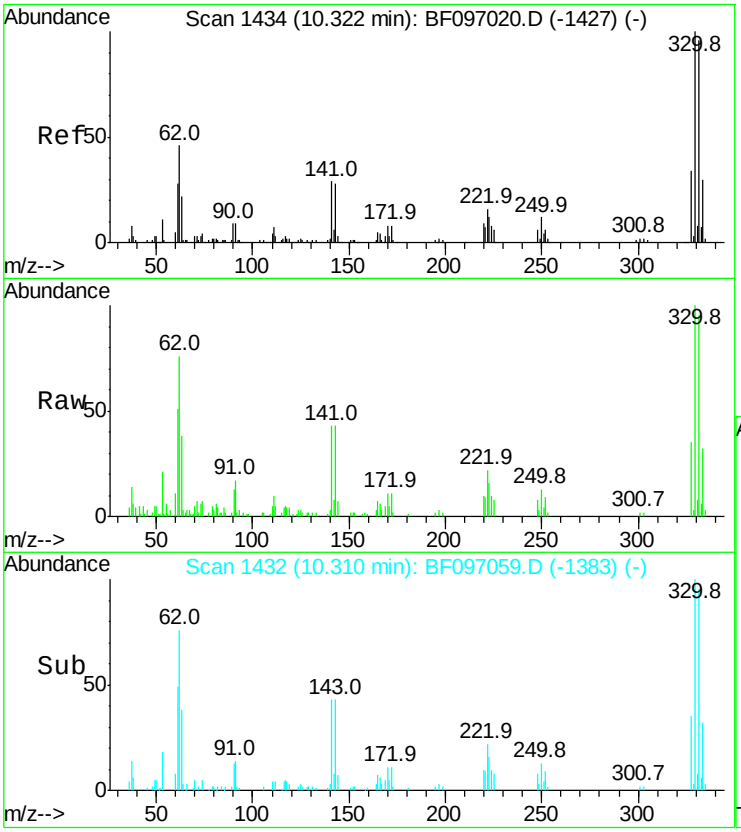


#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.53 min Scan# 1299
Delta R.T. -0.01 min
Lab File: BF097059.D
Acq: 26 Jul 2017 6:06

Tgt Ion:164 Resp: 171363

Ion	Ratio	Lower	Upper
164	100		
162	101.6	82.6	123.8
160	43.5	36.2	54.2



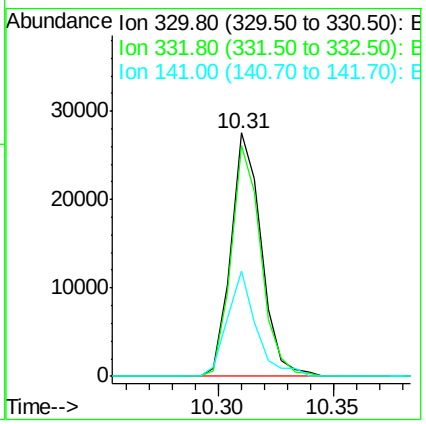


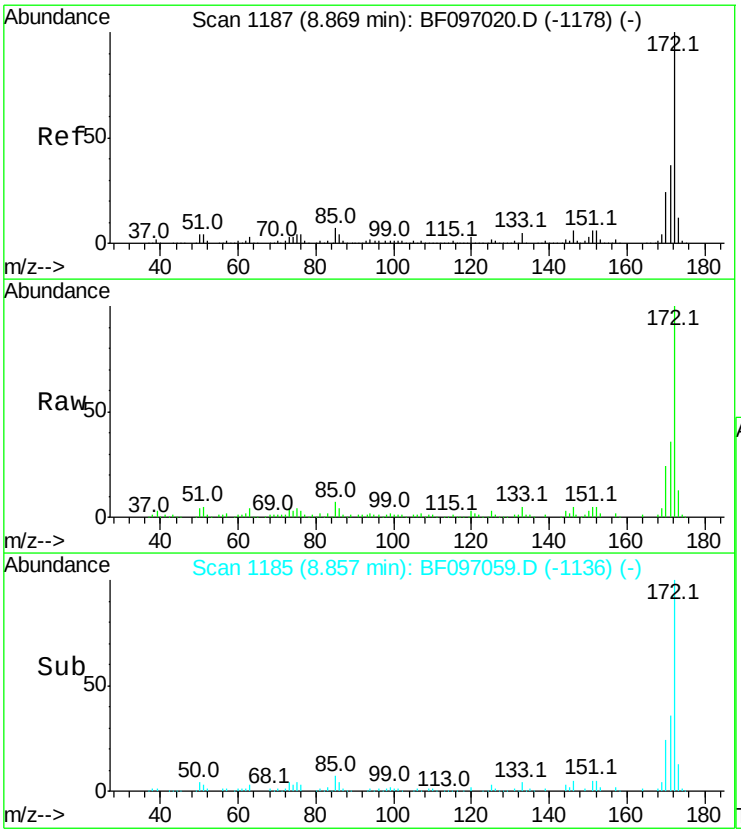
#41
2,4,6-Tribromophenol
Concen: 18.669 ng
RT: 10.31 min Scan# 1432
Delta R.T. -0.01 min
Lab File: BF097059.D
Acq: 26 Jul 2017 6:06

Instrument :
BNA_F
ClientSampleId :
E2-N7-BASE

Tgt Ion:330 Resp: 25276

Ion	Ratio	Lower	Upper
330	100		
332	92.7	76.6	115.0
141	40.9	31.4	47.2

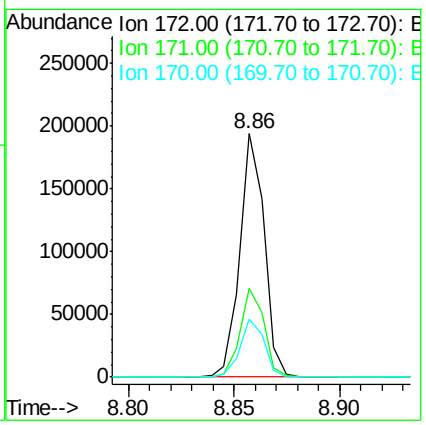


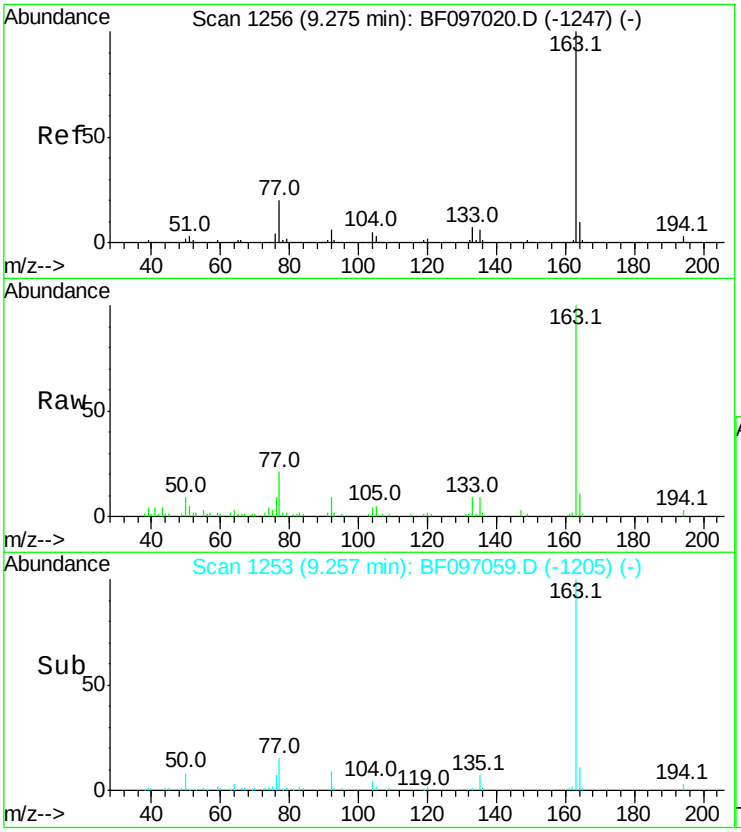


#44
2-Fluorobiphenyl
Concen: 15.352 ng
RT: 8.86 min Scan# 1185
Delta R.T. -0.01 min
Lab File: BF097059.D
Acq: 26 Jul 2017 6:06

Tgt Ion:172 Resp: 155020

Ion	Ratio	Lower	Upper
172	100		
171	36.5	29.6	44.4
170	24.0	19.8	29.8



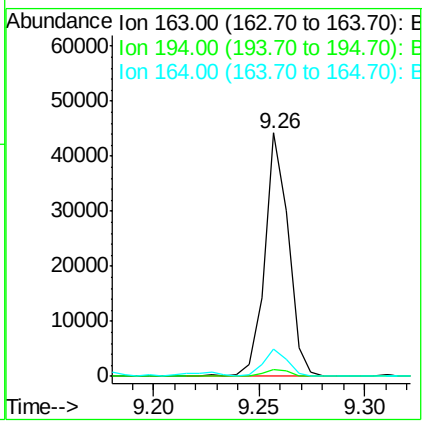


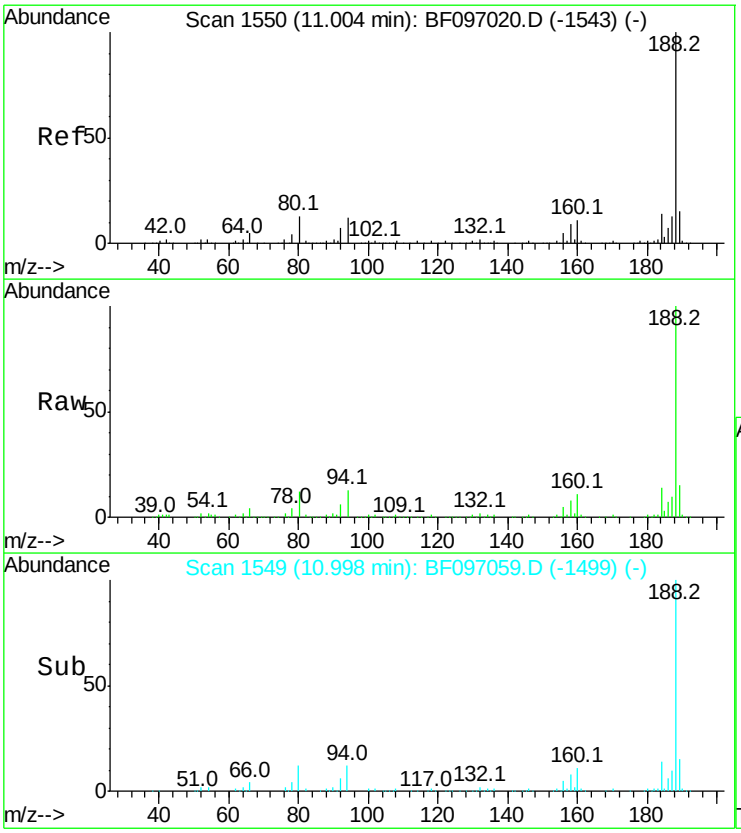
#49
Dimethylphthalate
Concen: 2.632 ng
RT: 9.26 min Scan# 1253
Delta R.T. -0.02 min
Lab File: BF097059.D
Acq: 26 Jul 2017 6:06

Instrument :
BNA_F
ClientSampleId :
E2-N7-BASE

Tgt Ion:163 Resp: 34254

Ion	Ratio	Lower	Upper
163	100		
194	2.9	2.6	4.0
164	11.0	8.4	12.6

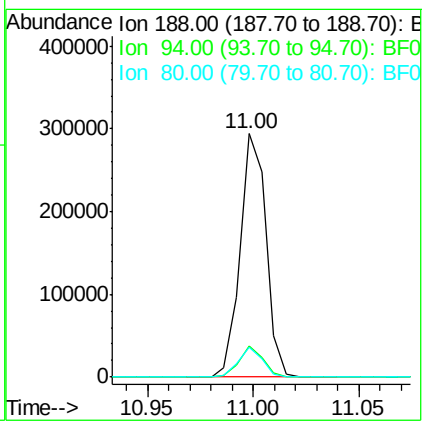


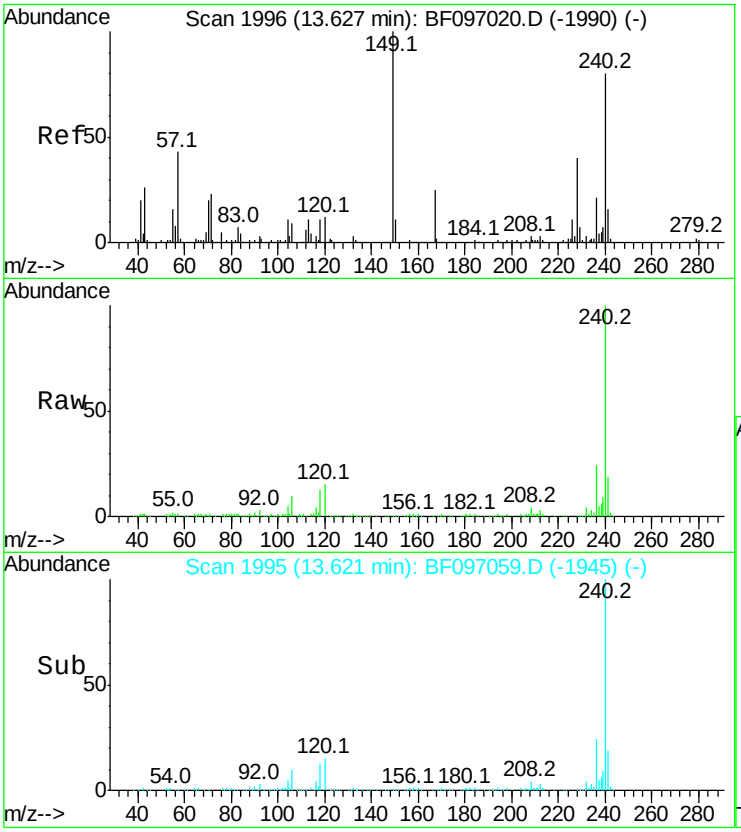


#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.00 min Scan# 1549
Delta R.T. -0.01 min
Lab File: BF097059.D
Acq: 26 Jul 2017 6:06

Tgt Ion:188 Resp: 249704

Ion	Ratio	Lower	Upper
188	100		
94	12.5	9.4	14.2
80	12.2	10.2	15.2



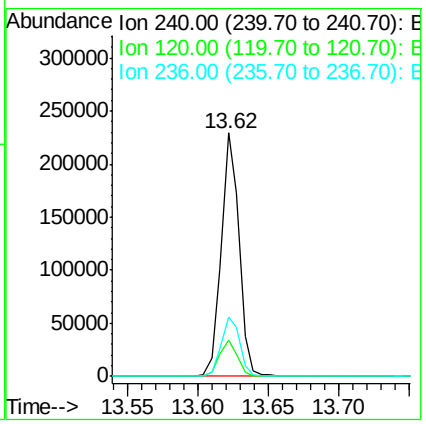


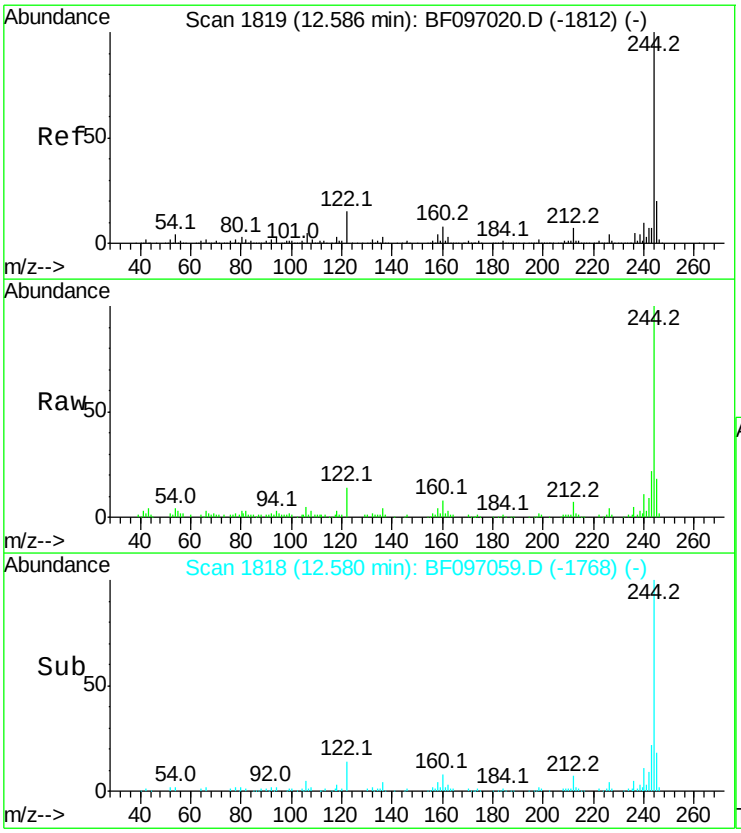
#75
Chrysene-d12
Concen: 20.000 ng
RT: 13.62 min Scan# 1995
Delta R.T. -0.01 min
Lab File: BF097059.D
Acq: 26 Jul 2017 6:06

Instrument :
BNA_F
ClientSampleId :
E2-N7-BASE

Tgt Ion:240 Resp: 201280

Ion	Ratio	Lower	Upper
240	100		
120	14.9	5.8	8.8#
236	24.5	20.5	30.7

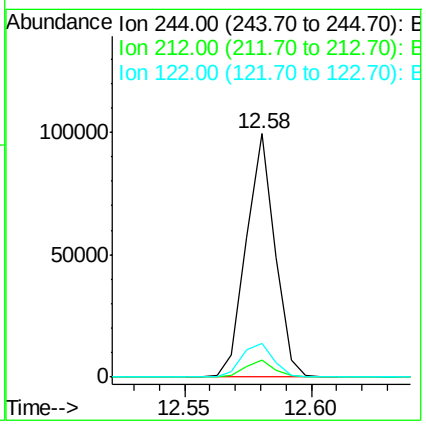


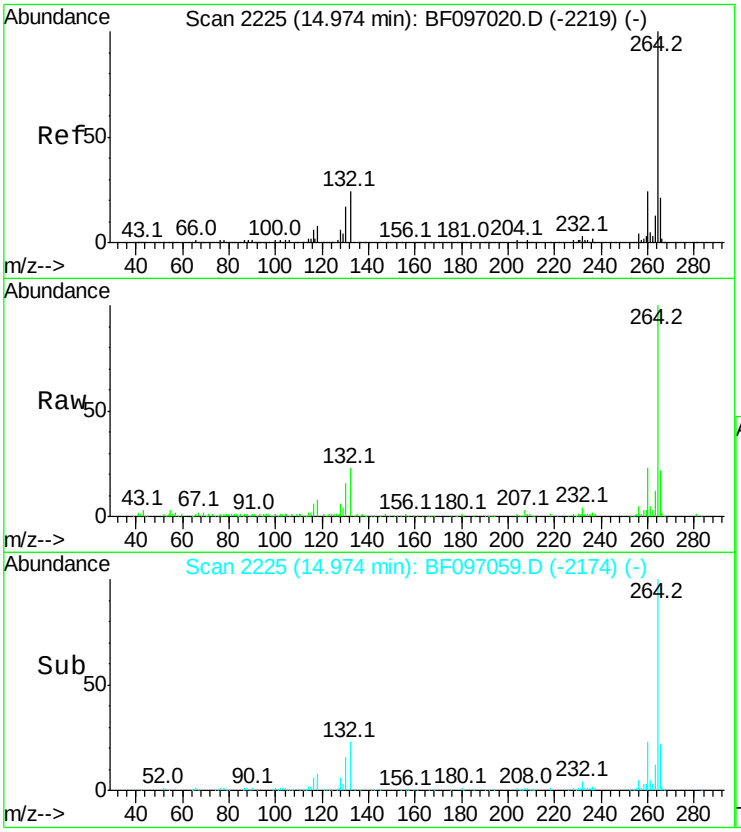


#78
Terphenyl-d14
Concen: 7.970 ng
RT: 12.58 min Scan# 1818
Delta R.T. -0.01 min
Lab File: BF097059.D
Acq: 26 Jul 2017 6:06

Tgt Ion:244 Resp: 78679

Ion	Ratio	Lower	Upper
244	100		
212	7.0	6.0	9.0
122	13.7	10.3	15.5





#86
Perylene-d12
Concen: 20.000 ng
RT: 14.97 min Scan# 2225
Delta R.T. -0.00 min
Lab File: BF097059.D
Acq: 26 Jul 2017 6:06

Instrument :
BNA_F
ClientSampleId :
E2-N7-BASE

Tgt Ion:264 Resp: 145721

Ion	Ratio	Lower	Upper
264	100		
260	23.5	19.5	29.3
265	21.9	17.2	25.8