Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF080917\
Data File : BF097539.D
Acq On : 10 Aug 2017 2:11
Operator : SJ/JU
Sample : I4677-07
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : E2-F9-WSW

Quant Time: Aug 10 04:42:09 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	6.40	152	113330	20.00	ng		-0.01
21) Naphthalene-d8	7.68	136	468183	20.00	ng		-0.02
38) Acenaphthene-d10	9.42	164	174895	20.00	ng		-0.02
63) Phenanthrene-d10	10.90	188	281300	20.00	ng		-0.02
75) Chrysene-d12	13.52	240	175777	20.00	ng		-0.02
86) Perylene-d12	14.86	264	185824	20.00	ng		-0.01
System Monitoring Compounds							
5) 2-Fluorophenol	4.99	112	803623	106.90	ng		-0.01
7) Phenol-d6	6.07	99	978018	113.96	ng		-0.01
23) Nitrobenzene-d5	6.97	82	584754	73.27	ng		-0.02
41) 2,4,6-Tribromophenol	10.21	330	144633	104.67	ng		-0.02
44) 2-Fluorobiphenyl	8.76	172	825957	80.15	ng		-0.02
78) Terphenyl-d14	12.48	244	481512	55.85	ng		-0.02
Target Compounds							Qvalue
6) Aniline	6.15	93	68214	6.32	ng	#	53
11) bis(2-Chloroethyl)ether	6.15	93	68214	8.47	ng		88
19) n-Nitroso-di-n-propylamine	6.97	70	79626	14.09	ng	#	87
25) Isophorone	6.97	82	584750	37.41	ng	#	67
29) 2,4-Dichlorophenol	7.60	162	15702	2.46	ng		93
49) Dimethylphthalate	9.16	163	132423	9.97	ng		98
56) 2,4-Dinitrotoluene	9.42	165	22127	6.83	ng	#	34
66) 4-Bromophenyl-phenylether	10.21	248	9320	3.32	ng	#	1
69) Pentachlorophenol	10.73	266	6401	4.91	ng		93

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

Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF080917\
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Acq On : 10 Aug 2017 2:11
Operator : SJ/JU
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Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument :
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E2-F9-WSW

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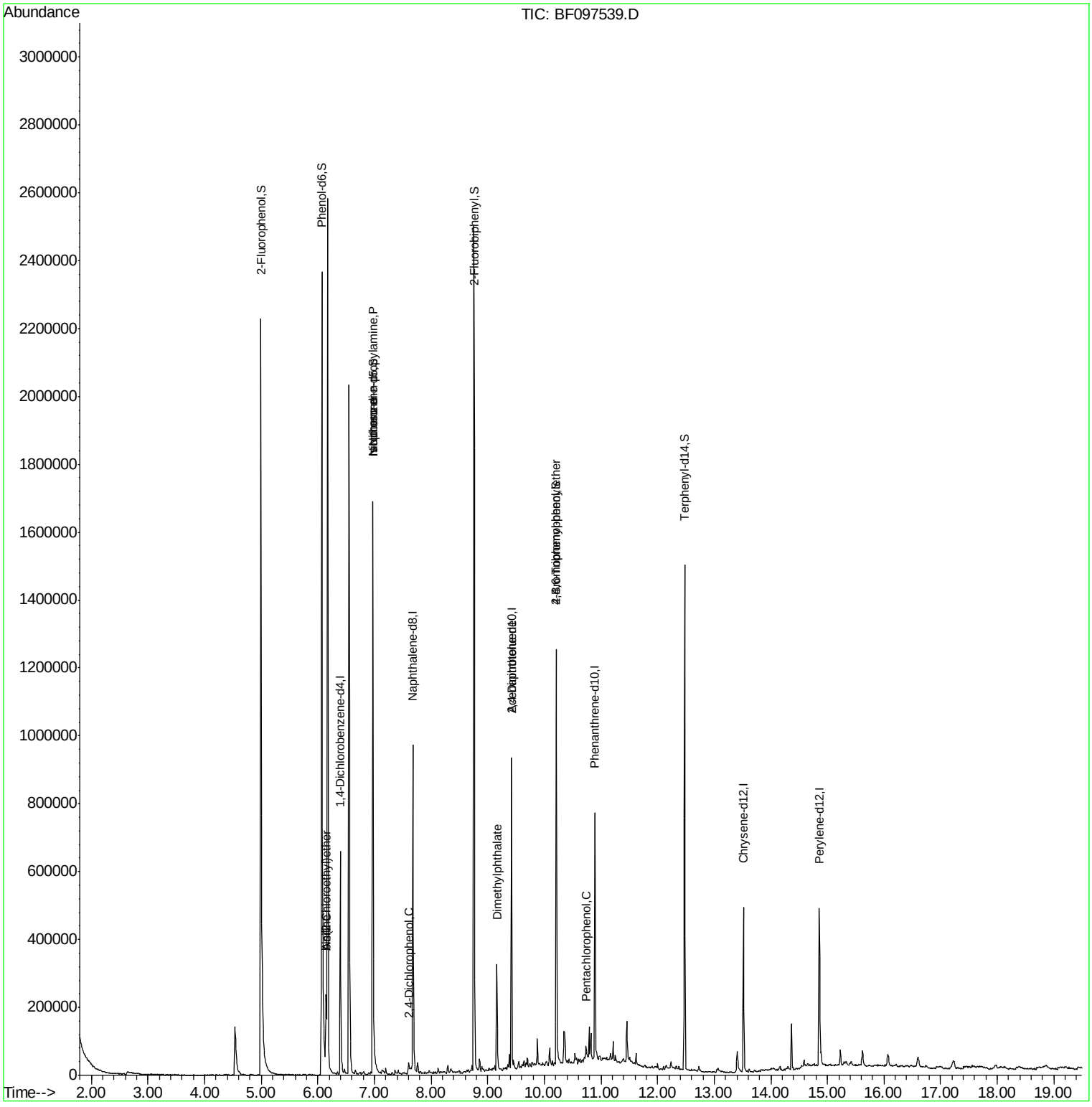
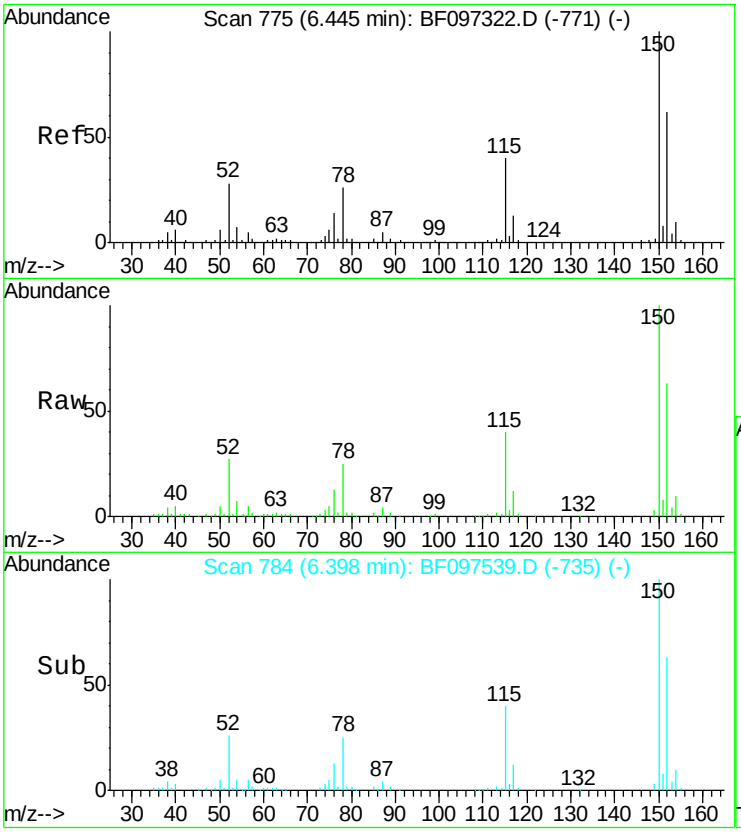


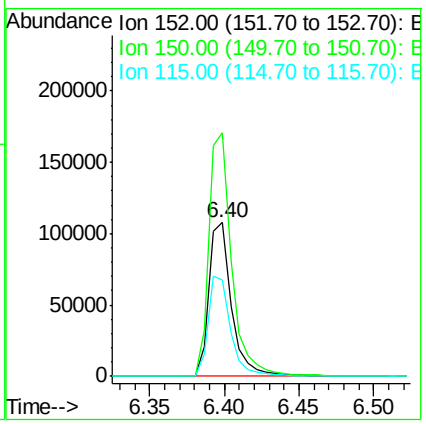


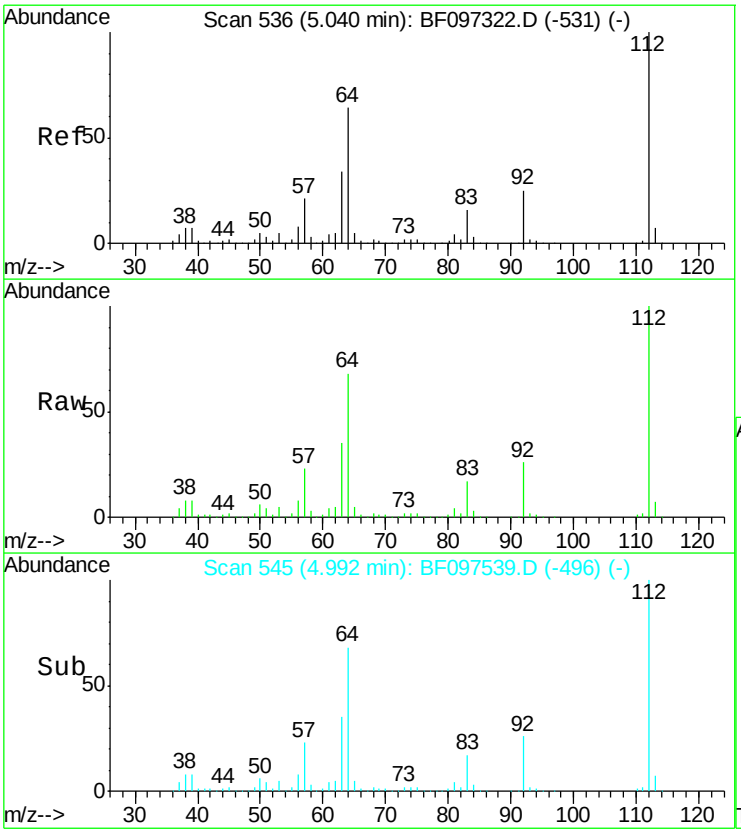
#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.40 min Scan# 784
Delta R.T. -0.01 min
Lab File: BF097539.D
Acq: 10 Aug 2017 2:11

Instrument :
BNA_F
ClientSampleId :
E2-F9-WSW

Tgt Ion:152 Resp: 113330

Ion	Ratio	Lower	Upper
152	100		
150	158.6	126.2	189.2
115	62.7	52.2	78.2

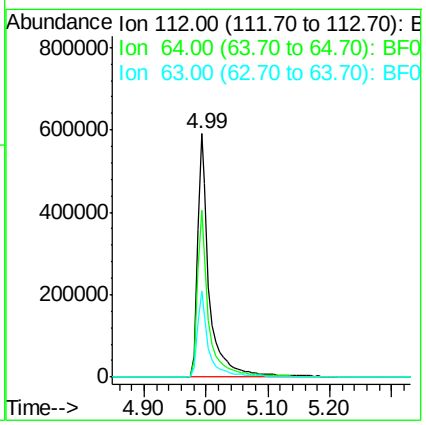


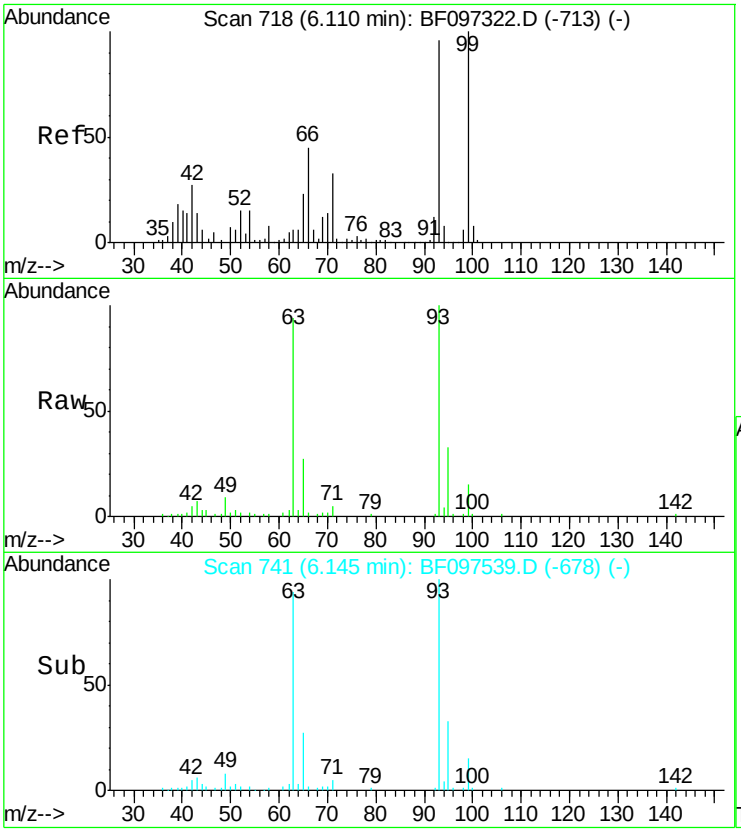


#5
2-Fluorophenol
Concen: 106.90 ng
RT: 4.99 min Scan# 545
Delta R.T. -0.01 min
Lab File: BF097539.D
Acq: 10 Aug 2017 2:11

Tgt Ion:112 Resp: 803623

Ion	Ratio	Lower	Upper
112	100		
64	68.3	46.0	69.0
63	35.2	23.4	35.0#



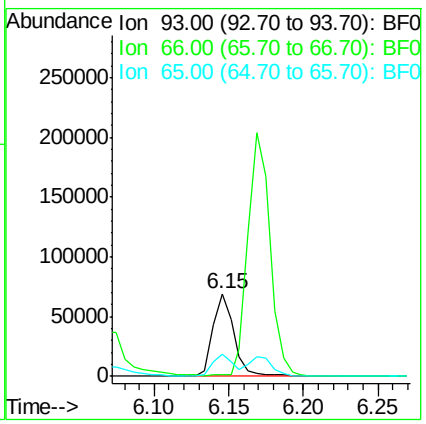


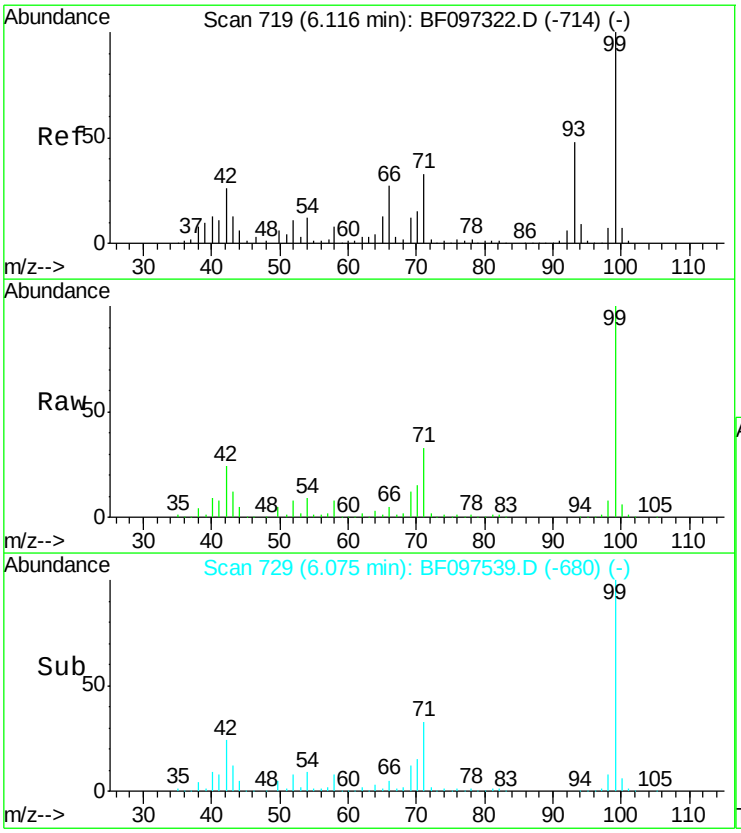
#6
Aniline
Concen: 6.32 ng
RT: 6.15 min Scan# 741
Delta R.T. 0.07 min
Lab File: BF097539.D
Acq: 10 Aug 2017 2:11

Instrument :
BNA_F
ClientSampleId :
E2-F9-WSW

Tgt Ion: 93 Resp: 68214

Ion	Ratio	Lower	Upper
93	100		
66	1.7	32.9	49.3#
65	26.6	16.0	24.0#

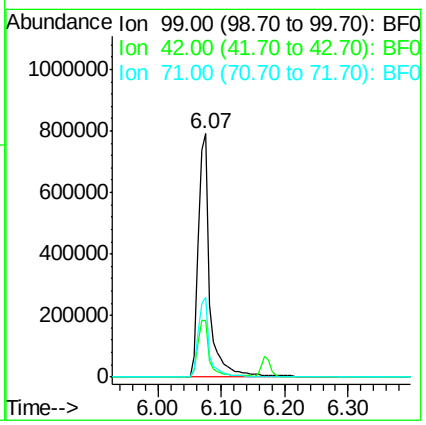


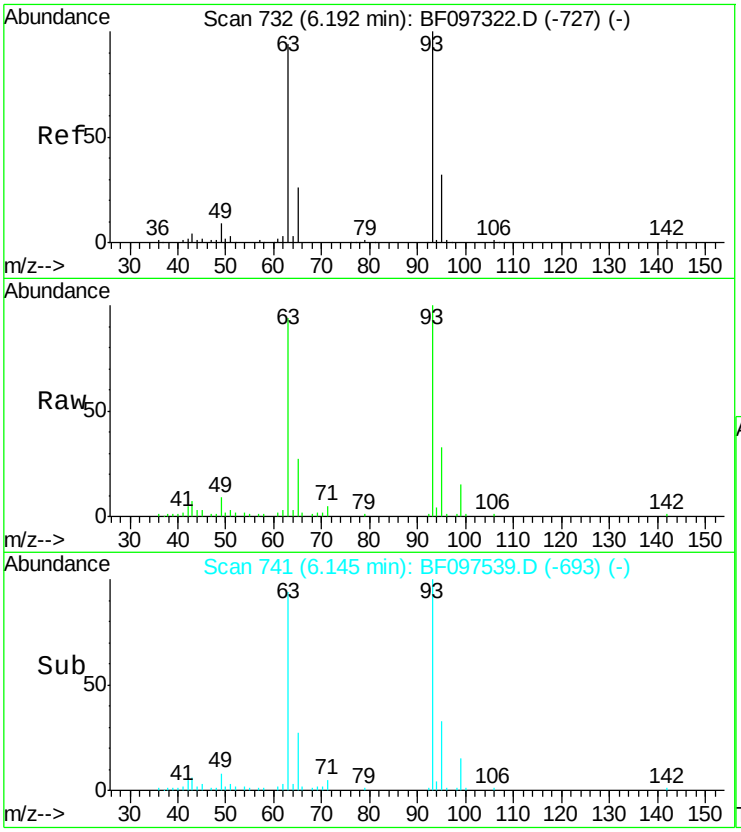


#7
Phenol-d6
Concen: 113.96 ng
RT: 6.07 min Scan# 729
Delta R.T. -0.01 min
Lab File: BF097539.D
Acq: 10 Aug 2017 2:11

Tgt Ion: 99 Resp: 978018

Ion	Ratio	Lower	Upper
99	100		
42	23.5	13.5	20.3#
71	32.5	24.5	36.7



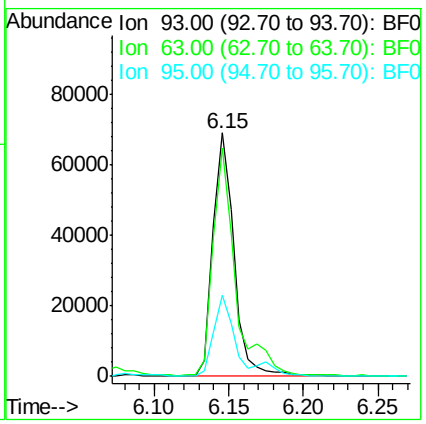


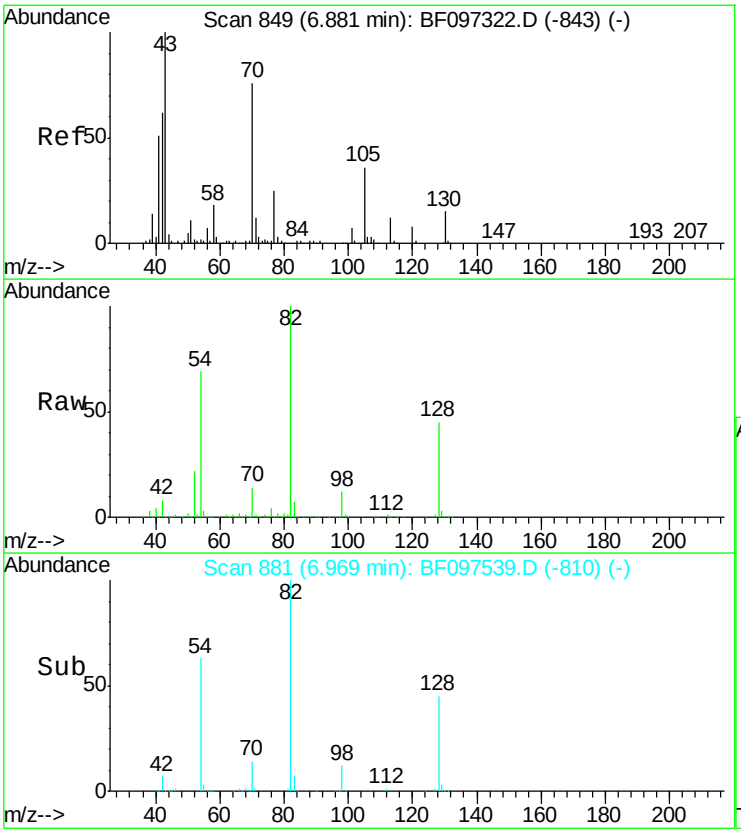
#11
bis(2-Chloroethyl)ether
Concen: 8.47 ng
RT: 6.15 min Scan# 741
Delta R.T. -0.02 min
Lab File: BF097539.D
Acq: 10 Aug 2017 2:11

Instrument :
BNA_F
ClientSampleId :
E2-F9-WSW

Tgt Ion: 93 Resp: 68214

Ion	Ratio	Lower	Upper
93	100		
63	93.7	59.2	99.2
95	33.3	12.8	52.8

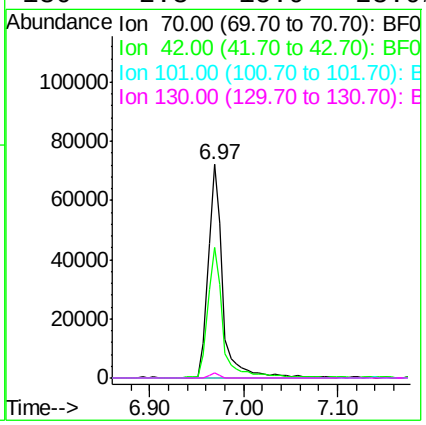


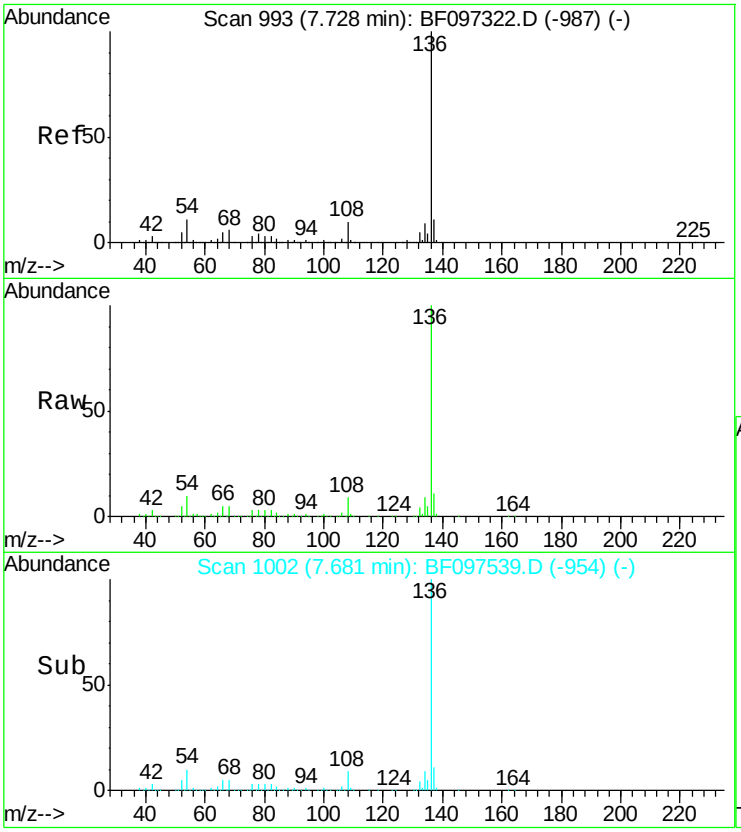


#19
n-Nitroso-di-n-propylamine
Concen: 14.09 ng
RT: 6.97 min Scan# 881
Delta R.T. 0.12 min
Lab File: BF097539.D
Acq: 10 Aug 2017 2:11

Tgt Ion: 70 Resp: 79626

Ion	Ratio	Lower	Upper
70	100		
42	61.2	47.2	70.8
101	0.0	7.2	10.8#
130	2.3	15.9	23.9#



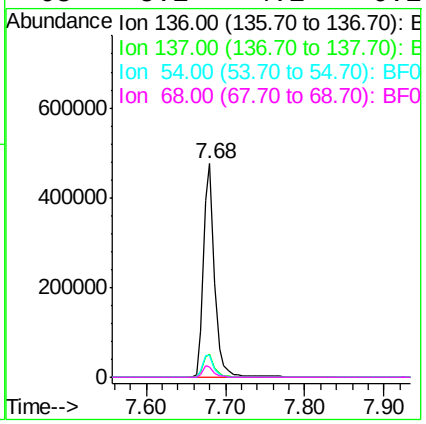


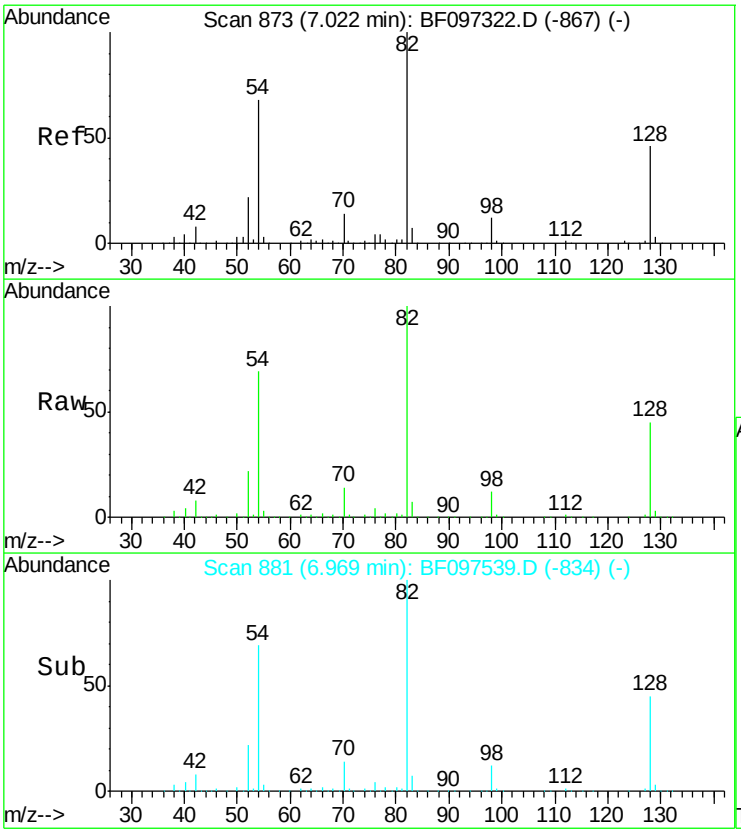
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 7.68 min Scan# 1002
Delta R.T. -0.02 min
Lab File: BF097539.D
Acq: 10 Aug 2017 2:11

Instrument :
BNA_F
ClientSampleId :
E2-F9-WSW

Tgt Ion:136 Resp: 468183

Ion	Ratio	Lower	Upper
136	100		
137	10.6	8.5	12.7
54	10.1	4.9	7.3#
68	5.1	4.1	6.1

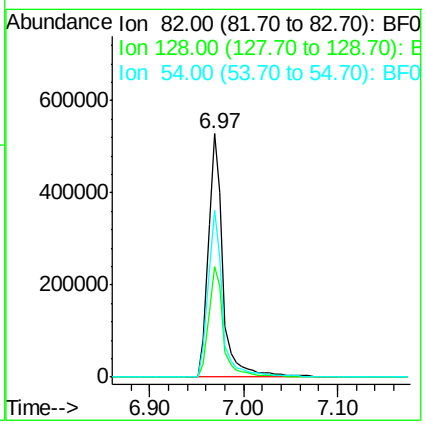


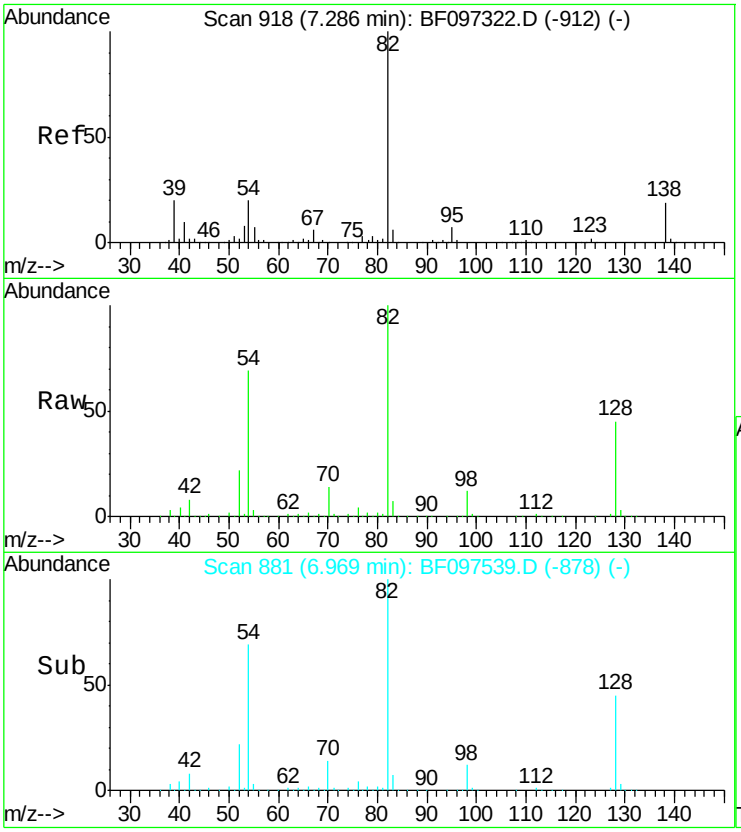


#23
Nitrobenzene-d5
Concen: 73.27 ng
RT: 6.97 min Scan# 881
Delta R.T. -0.02 min
Lab File: BF097539.D
Acq: 10 Aug 2017 2:11

Tgt Ion: 82 Resp: 584754

Ion	Ratio	Lower	Upper
82	100		
128	45.2	34.0	51.0
54	68.7	42.2	63.2#



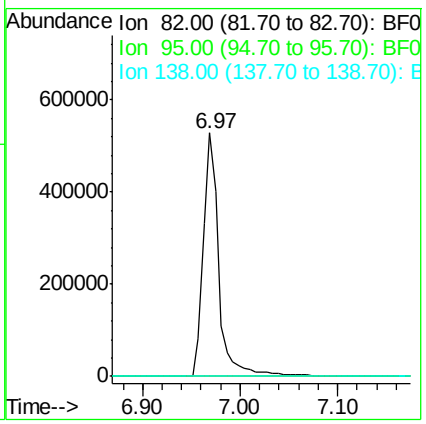


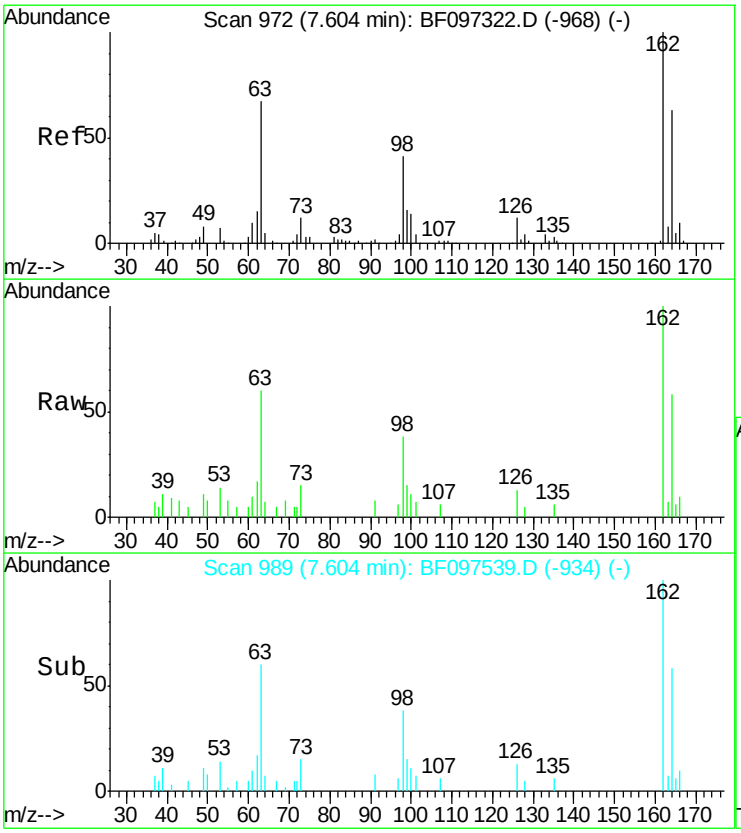
#25
Isophorone
Concen: 37.41 ng
RT: 6.97 min Scan# 881
Delta R.T. -0.28 min
Lab File: BF097539.D
Acq: 10 Aug 2017 2:11

Instrument :
BNA_F
ClientSampleId :
E2-F9-WSW

Tgt Ion: 82 Resp: 584750

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

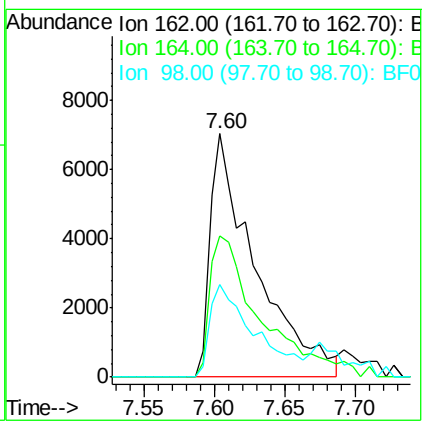


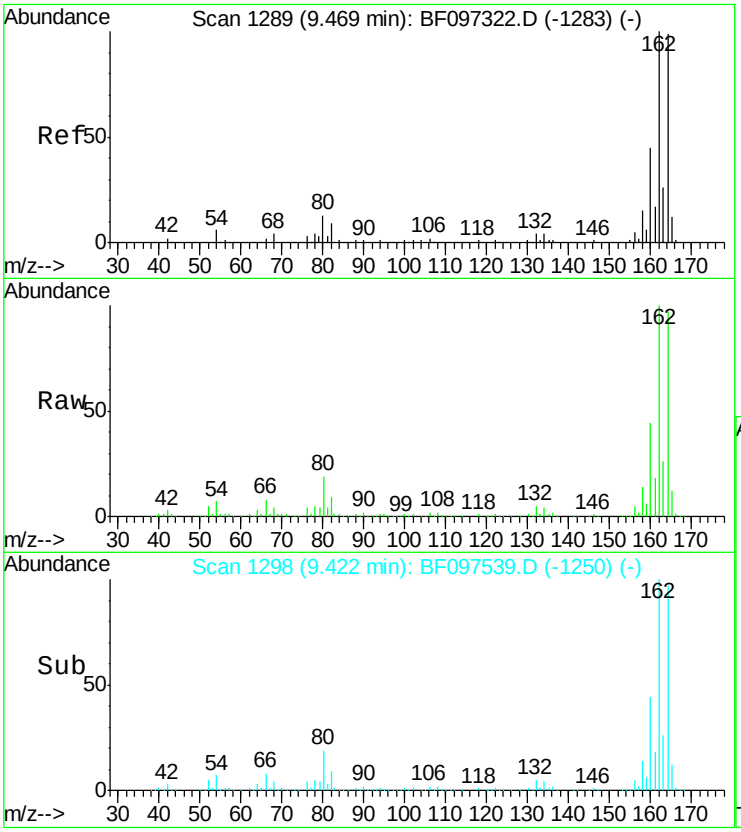


#29
2,4-Dichlorophenol
Concen: 2.46 ng
RT: 7.60 min Scan# 989
Delta R.T. 0.02 min
Lab File: BF097539.D
Acq: 10 Aug 2017 2:11

Tgt Ion:162 Resp: 15702

Ion	Ratio	Lower	Upper
162	100		
164	58.3	44.6	84.6
98	38.0	14.8	54.8



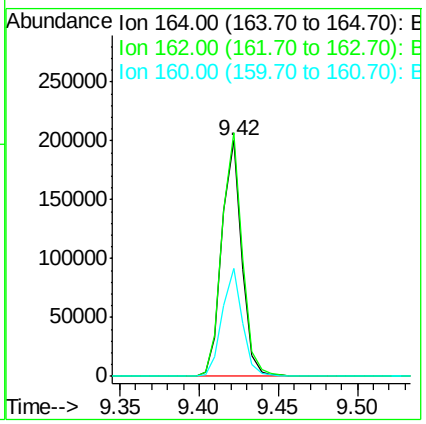


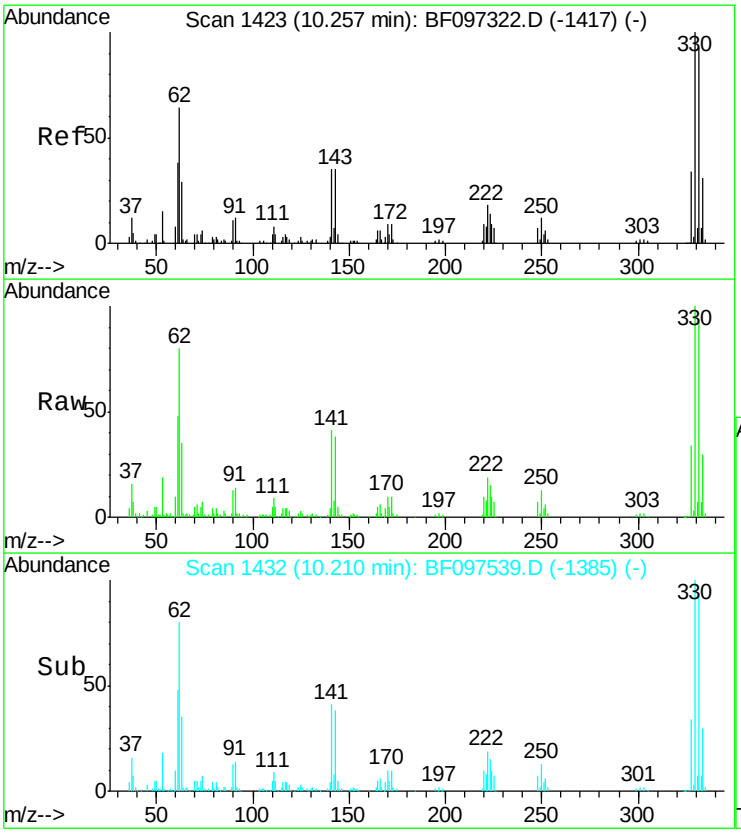
#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.42 min Scan# 1298
Delta R.T. -0.02 min
Lab File: BF097539.D
Acq: 10 Aug 2017 2:11

Instrument :
BNA_F
ClientSampleId :
E2-F9-WSW

Tgt Ion:164 Resp: 174895

Ion	Ratio	Lower	Upper
164	100		
162	103.4	82.6	123.8
160	45.7	36.2	54.2

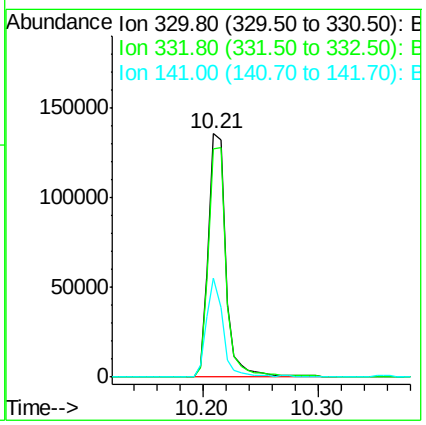


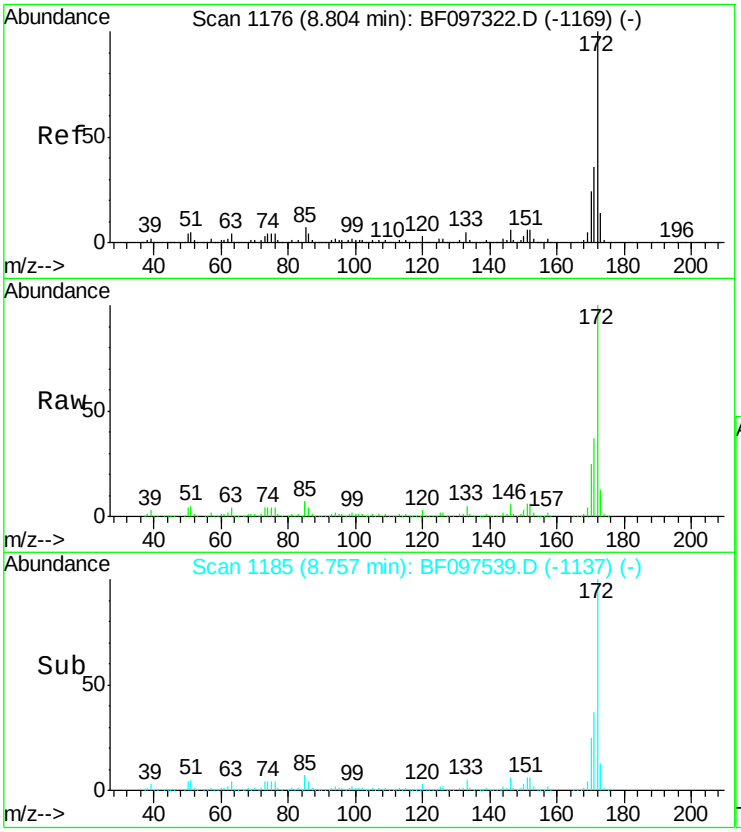


#41
2,4,6-Tribromophenol
Concen: 104.67 ng
RT: 10.21 min Scan# 1432
Delta R.T. -0.02 min
Lab File: BF097539.D
Acq: 10 Aug 2017 2:11

Tgt Ion:330 Resp: 144633

Ion	Ratio	Lower	Upper
330	100		
332	95.6	76.6	115.0
141	38.9	31.4	47.2



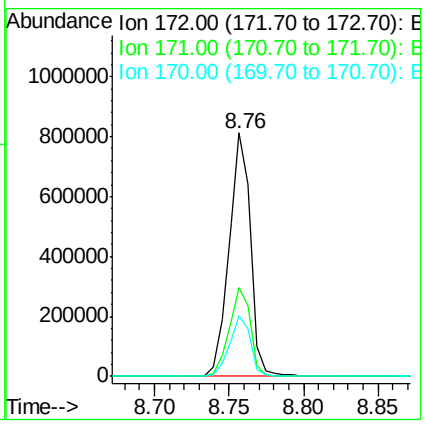


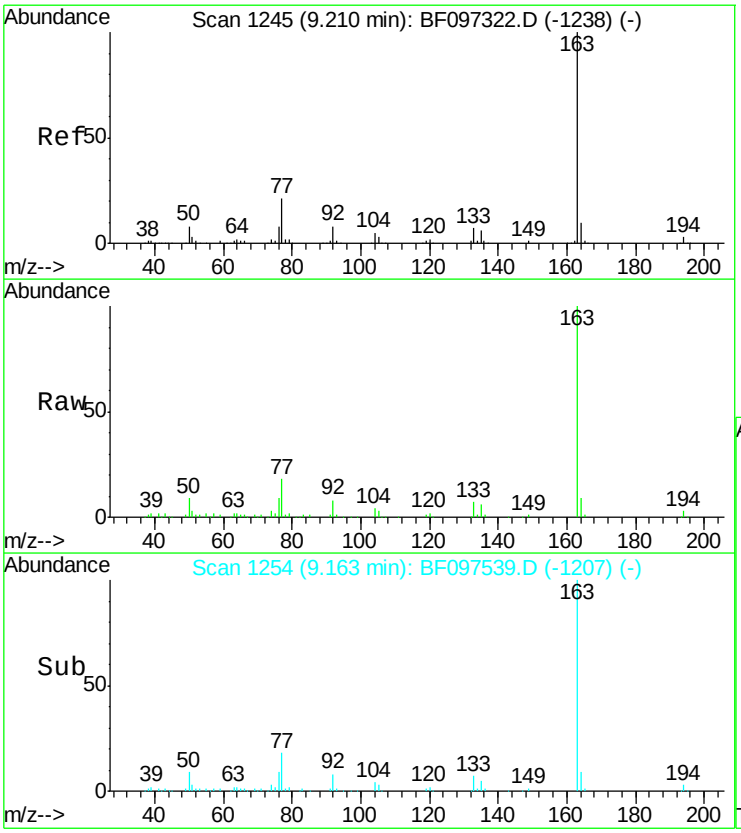
#44
2-Fluorobiphenyl
Concen: 80.15 ng
RT: 8.76 min Scan# 1185
Delta R.T. -0.02 min
Lab File: BF097539.D
Acq: 10 Aug 2017 2:11

Instrument :
BNA_F
ClientSampleId :
E2-F9-WSW

Tgt Ion:172 Resp: 825957

Ion	Ratio	Lower	Upper
172	100		
171	36.6	29.6	44.4
170	24.8	19.8	29.8

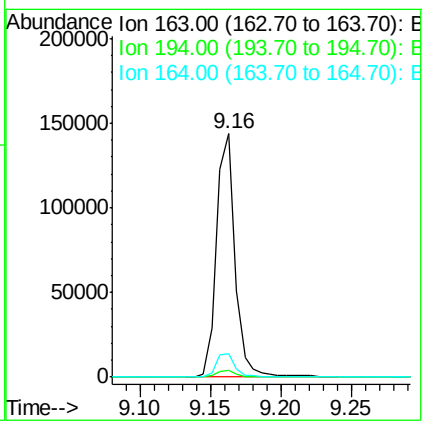


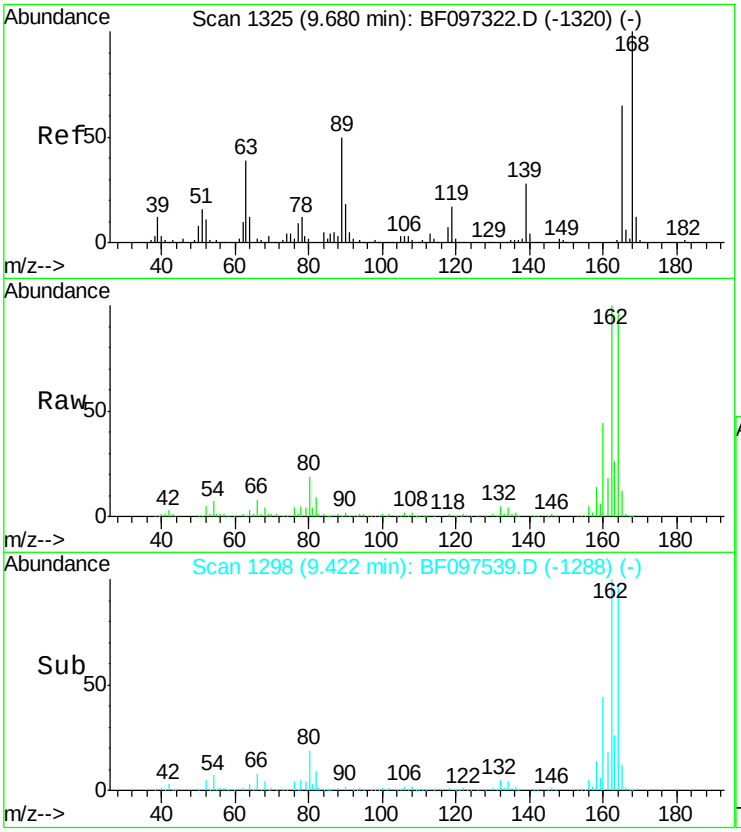


#49
Dimethylphthalate
Concen: 9.97 ng
RT: 9.16 min Scan# 1254
Delta R.T. -0.02 min
Lab File: BF097539.D
Acq: 10 Aug 2017 2:11

Tgt Ion:163 Resp: 132423

Ion	Ratio	Lower	Upper
163	100		
194	2.9	2.6	4.0
164	9.5	8.4	12.6



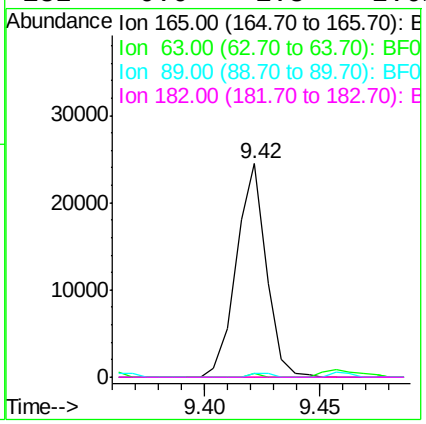


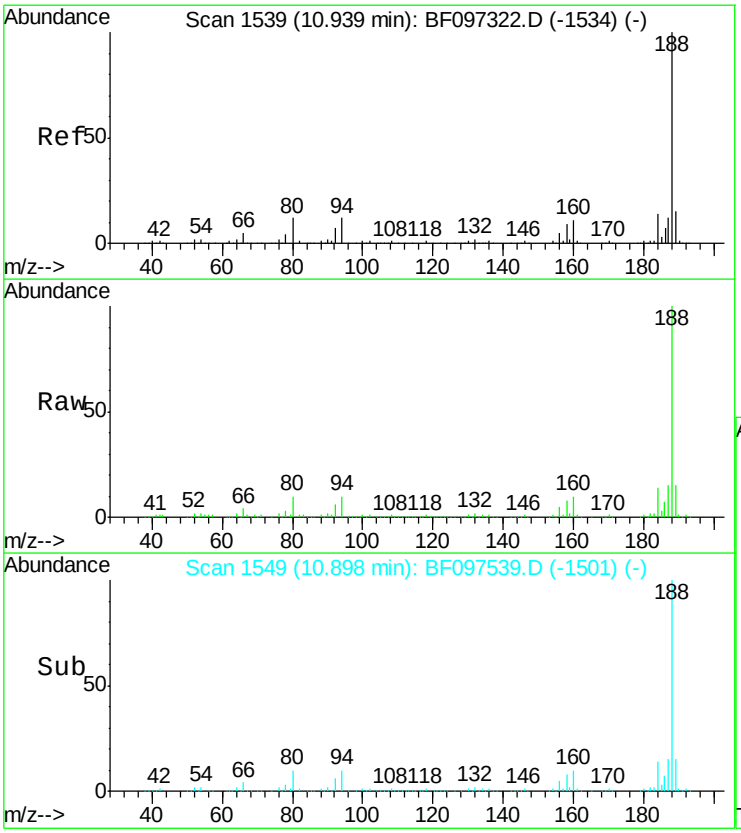
#56
2,4-Dinitrotoluene
Concen: 6.83 ng
RT: 9.42 min Scan# 1298
Delta R.T. -0.24 min
Lab File: BF097539.D
Acq: 10 Aug 2017 2:11

Instrument :
BNA_F
ClientSampleId :
E2-F9-WSW

Tgt Ion:165 Resp: 22127

Ion	Ratio	Lower	Upper
165	100		
63	1.9	25.4	38.0#
89	1.7	46.4	69.6#
182	0.0	1.8	2.6#

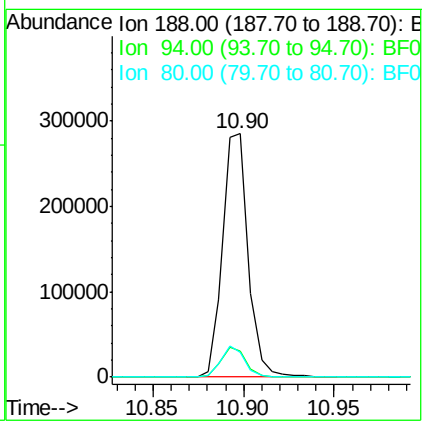


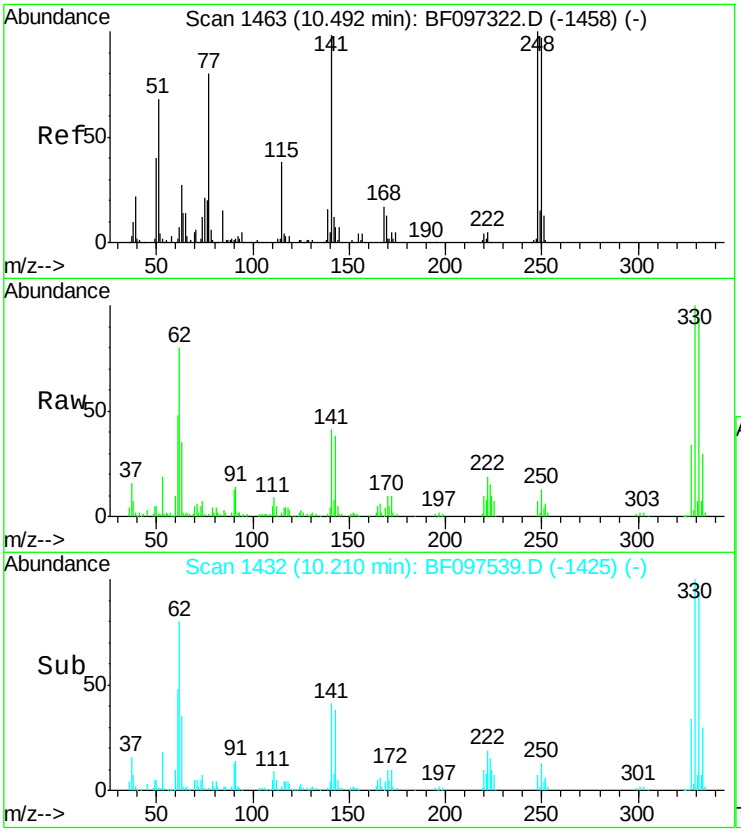


#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 10.90 min Scan# 1549
Delta R.T. -0.02 min
Lab File: BF097539.D
Acq: 10 Aug 2017 2:11

Tgt Ion:188 Resp: 281300

Ion	Ratio	Lower	Upper
188	100		
94	10.5	9.4	14.2
80	10.3	10.2	15.2



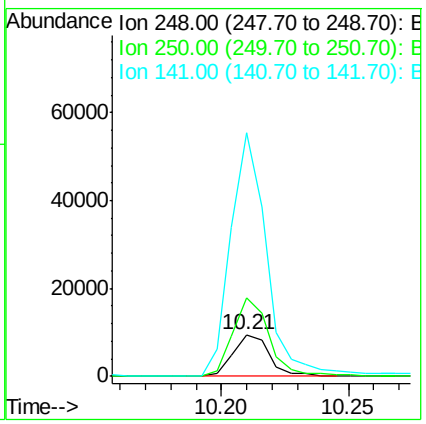


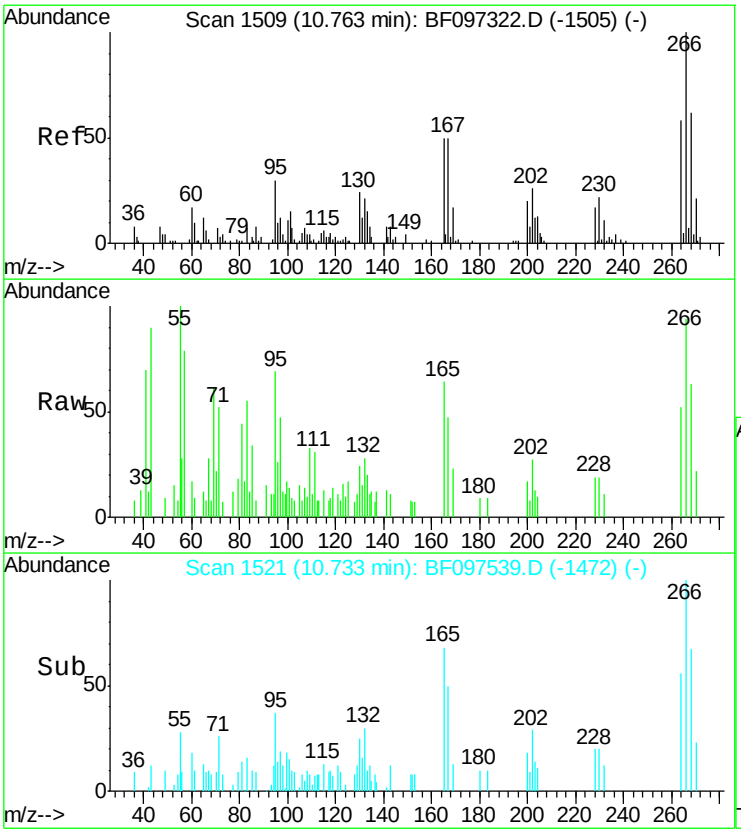
#66
4-Bromophenyl-phenylether
Concen: 3.32 ng
RT: 10.21 min Scan# 1432
Delta R.T. -0.26 min
Lab File: BF097539.D
Acq: 10 Aug 2017 2:11

Instrument :
BNA_F
ClientSampleId :
E2-F9-WSW

Tgt Ion:248 Resp: 9320

Ion	Ratio	Lower	Upper
248	100		
250	188.9	76.8	115.2#
141	584.7	68.6	103.0#

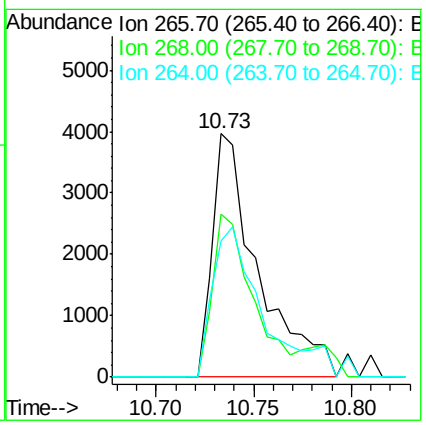


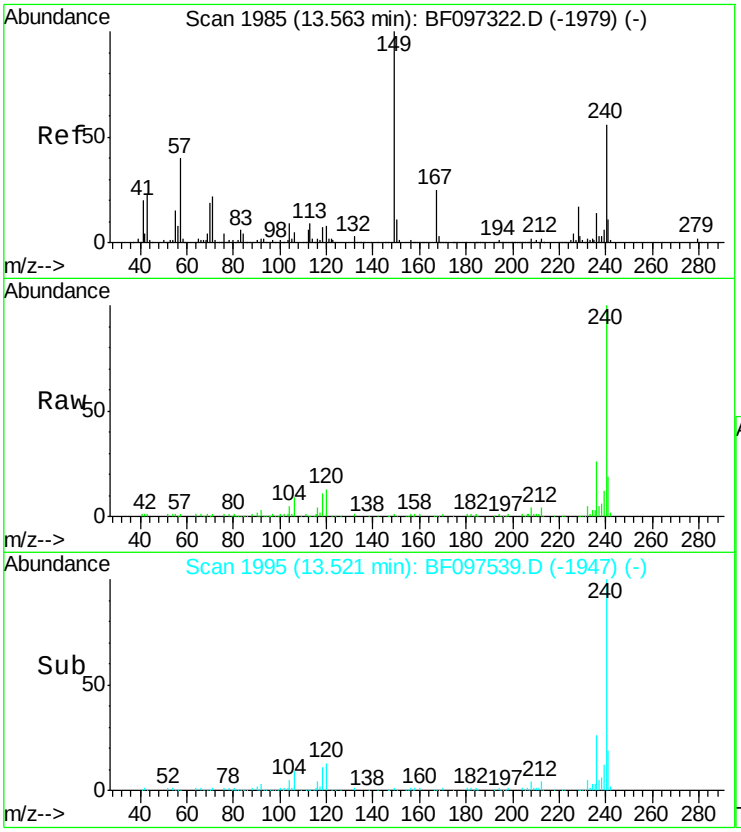


#69
Pentachlorophenol
Concen: 4.91 ng
RT: 10.73 min Scan# 1521
Delta R.T. -0.01 min
Lab File: BF097539.D
Acq: 10 Aug 2017 2:11

Tgt Ion:266 Resp: 6401

Ion	Ratio	Lower	Upper
266	100		
268	66.9	51.1	76.7
264	55.9	51.7	77.5



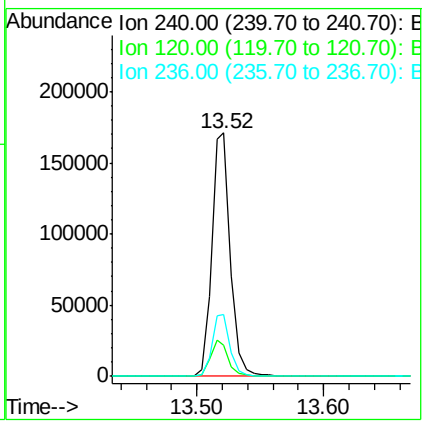


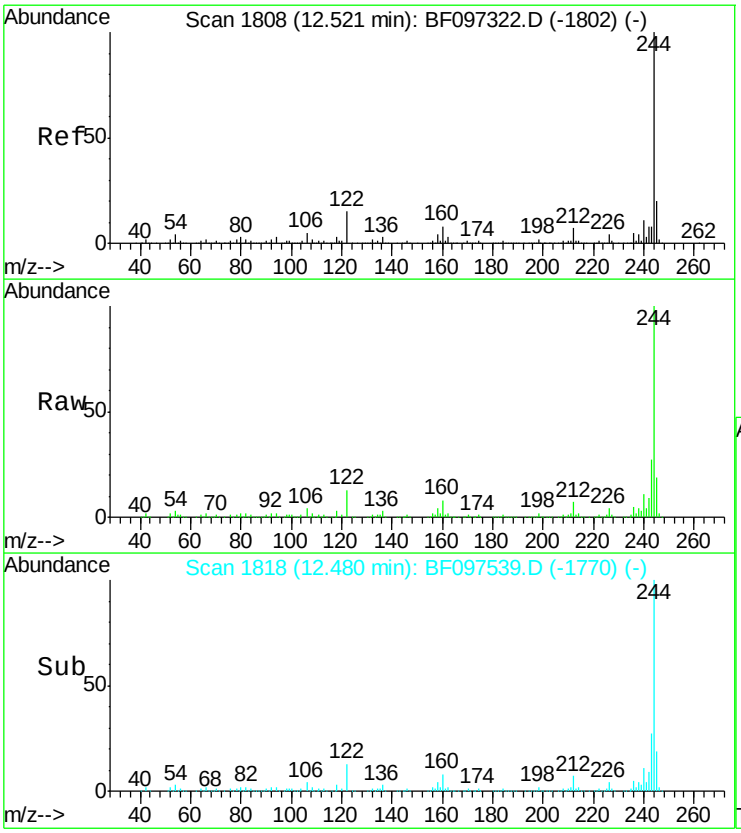
#75
Chrysene-d12
Concen: 20.00 ng
RT: 13.52 min Scan# 1995
Delta R.T. -0.02 min
Lab File: BF097539.D
Acq: 10 Aug 2017 2:11

Instrument :
BNA_F
ClientSampleId :
E2-F9-WSW

Tgt Ion:240 Resp: 175777

Ion	Ratio	Lower	Upper
240	100		
120	12.9	5.8	8.8#
236	25.7	20.5	30.7

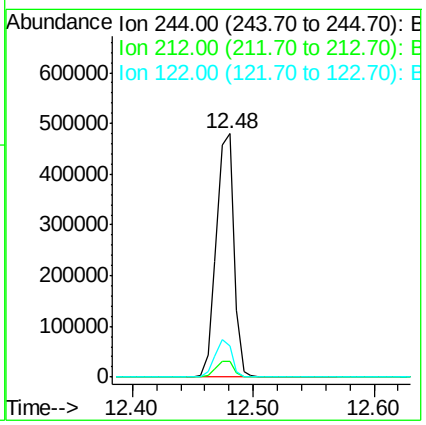


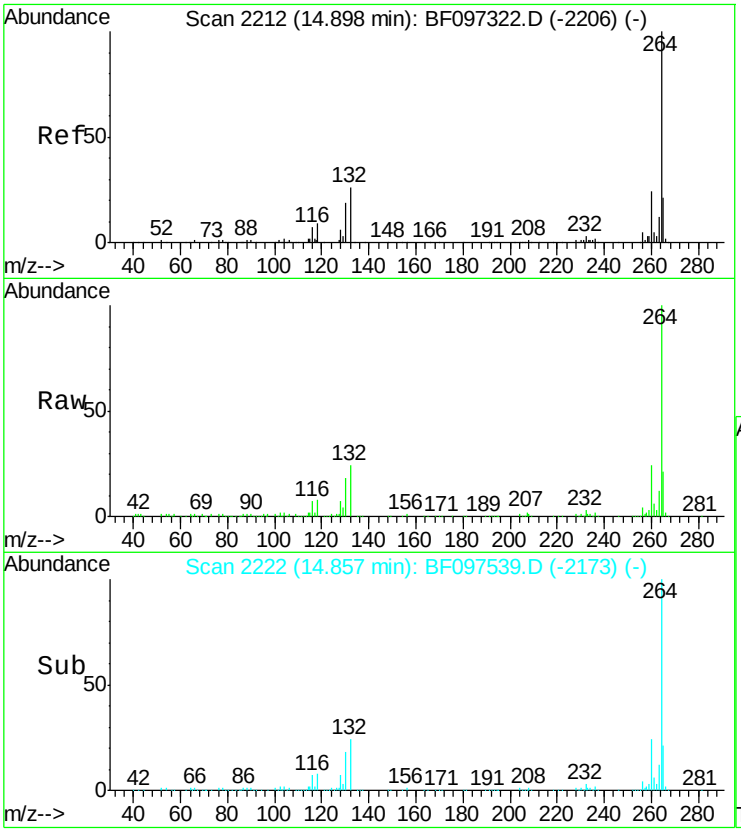


#78
Terphenyl-d14
Concen: 55.85 ng
RT: 12.48 min Scan# 1818
Delta R.T. -0.02 min
Lab File: BF097539.D
Acq: 10 Aug 2017 2:11

Tgt Ion:244 Resp: 481512

Ion	Ratio	Lower	Upper
244	100		
212	6.5	6.0	9.0
122	13.0	10.3	15.5





#86
Perylene-d12
Concen: 20.00 ng
RT: 14.86 min Scan# 2222
Delta R.T. -0.01 min
Lab File: BF097539.D
Acq: 10 Aug 2017 2:11

Instrument :
BNA_F
ClientSampleId :
E2-F9-WSW

Tgt Ion:264 Resp: 185824

Ion	Ratio	Lower	Upper
264	100		
260	23.6	19.5	29.3
265	21.0	17.2	25.8