Quantitation Report (LSC Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF072117\
Data File : BF096967.D
Acq On : 22 Jul 2017 3:43
Operator : SJ/JU
Sample : I4253-01DL 10X
Misc :
ALS Vial : 30 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : E2-O-P-6-7-BASEDL

Quant Time: Jul 24 13:38:45 2017
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF071317.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Jul 18 13:33:22 2017
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.56	152	107775	20.00	ng		-0.04
21) Naphthalene-d8	7.84	136	419950	20.00	ng		-0.05
38) Acenaphthene-d10	9.59	164	148497	20.00	ng		-0.05
63) Phenanthrene-d10	11.06	188	241437	20.00	ng		-0.05
75) Chrysene-d12	13.69	240	232840	20.00	ng		-0.05
86) Perylene-d12	15.04	264	208030	20.00	ng		-0.06
System Monitoring Compounds							
5) 2-Fluorophenol	5.15	112	99054	13.82	ng		-0.05
7) Phenol-d6	6.20	99	117629	13.68	ng		-0.05
23) Nitrobenzene-d5	7.12	82	64434	9.50	ng		-0.05
41) 2,4,6-Tribromophenol	10.37	330	12061	9.52	ng		-0.05
44) 2-Fluorobiphenyl	8.91	172	81868	8.71	ng		-0.05
78) Terphenyl-d14	12.64	244	57516	4.28	ng		-0.05
Target Compounds							Qvalue
11) bis(2-Chloroethyl)ether	6.29	93	110033	15.048	ng		90
12) 1,3-Dichlorobenzene	6.49	146	20091	2.444	ng		97
13) 1,4-Dichlorobenzene	6.57	146	83925	10.082	ng		95
14) 1,2-Dichlorobenzene	6.72	146	240136	31.717	ng		98
16) 2,2'-oxybis(1-Chloropropan	6.85	45	68700	4.552	ng		97
31) Naphthalene	7.86	128	436746	21.954	ng		99
37) 2-Methylnaphthalene	8.55	142	562770	44.372	ng		99
45) 1,1'-Biphenyl	9.01	154	58008	4.555	ng		97
51) Acenaphthene	9.62	154	35213	3.989	ng		96
57) Fluorene	10.13	166	23290	2.548	ng	#	86
70) Phenanthrene	11.08	178	104505	7.961	ng		98
74) Fluoranthene	12.26	202	54819	4.363	ng		98
77) Pyrene	12.49	202	53865	2.549	ng		99
85) Indeno(1,2,3-cd)pyrene	16.31	276	6958	3.835	ng	#	90

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

Quantitation Report (LSC Reviewed)

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Acq On : 22 Jul 2017 3:43
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Sample : I4253-01DL 10X
Misc :
ALS Vial : 30 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
E2-O-P-6-7-BASEDL

Quant Time: Jul 24 13:38:45 2017
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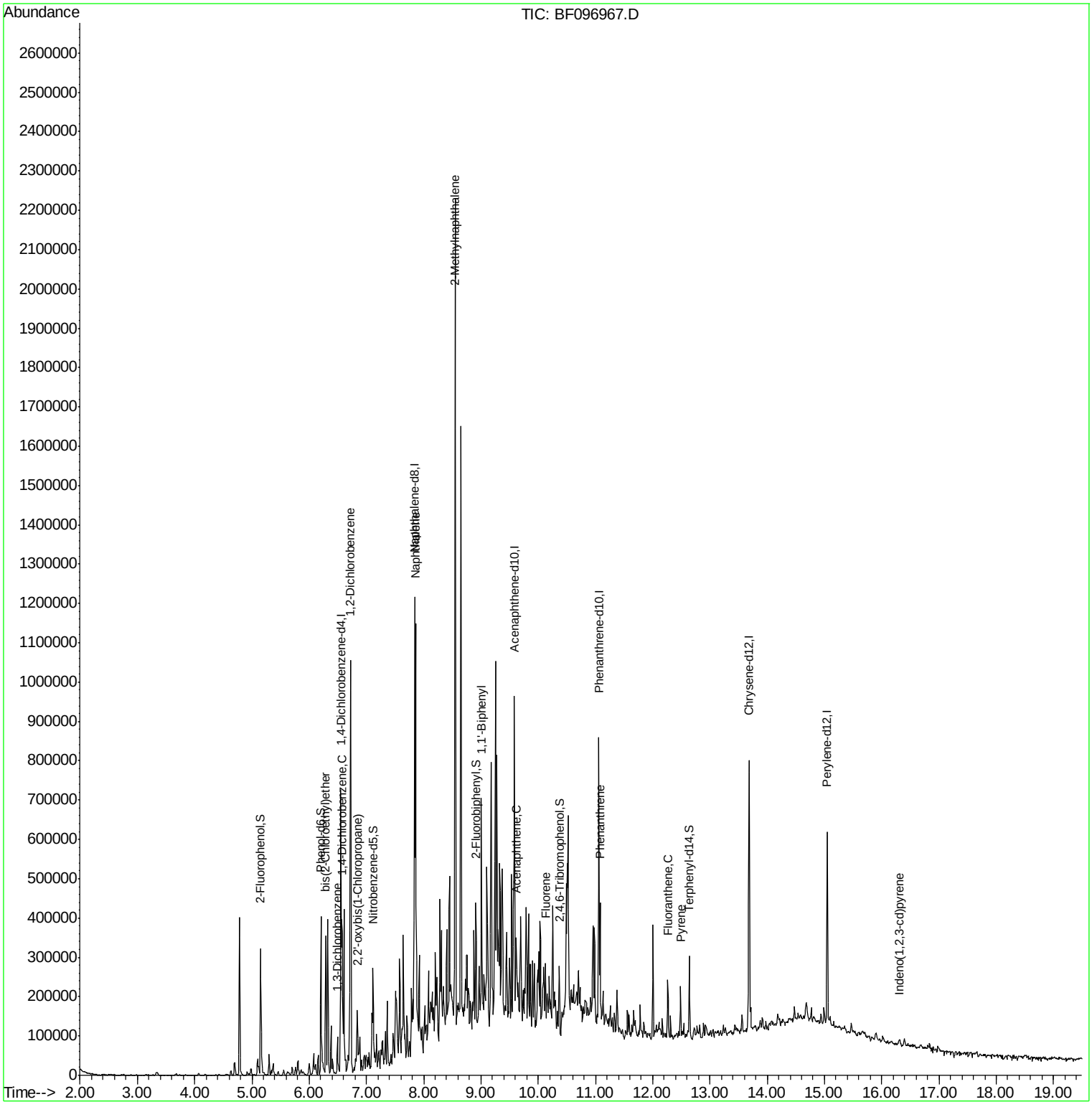
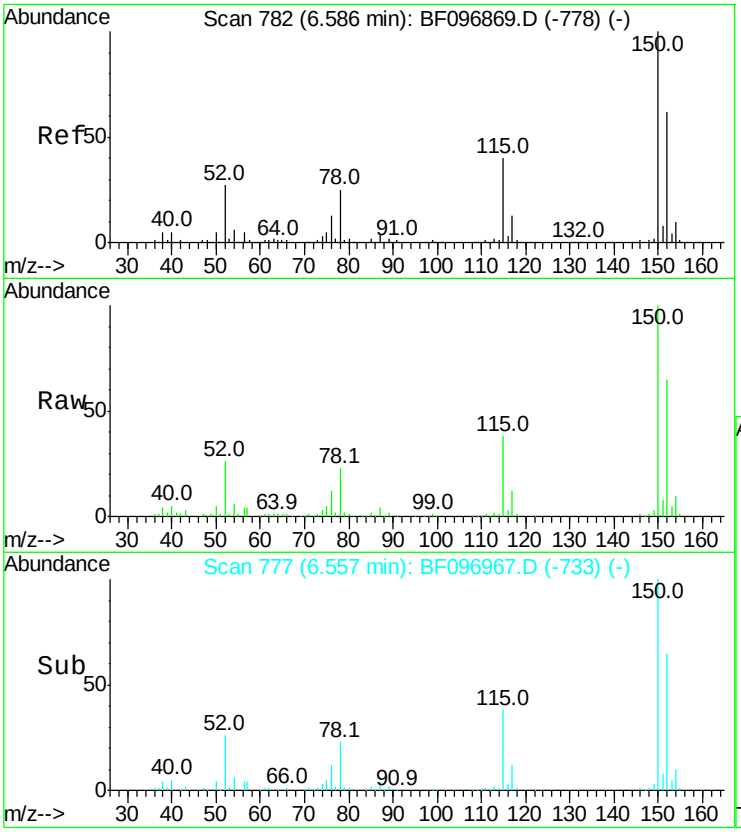


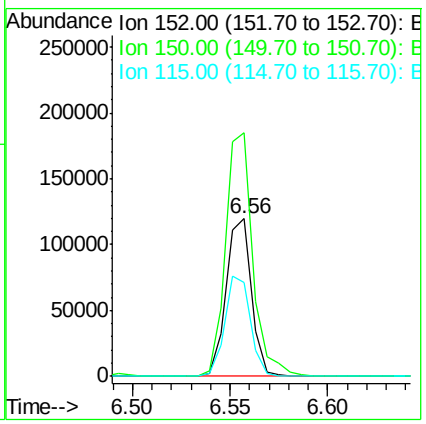


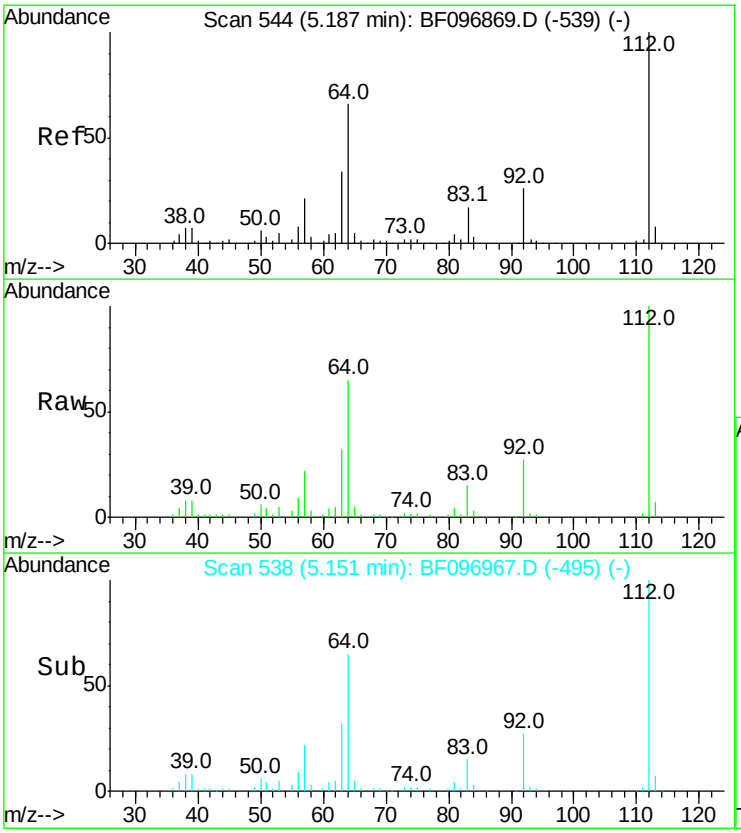
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.56 min Scan# 777
Delta R.T. -0.04 min
Lab File: BF096967.D
Acq: 22 Jul 2017 3:43

Instrument :
BNA_F
ClientSampleId :
E2-O-P-6-7-BASEDL

Tgt Ion:152 Resp: 107775

Ion	Ratio	Lower	Upper
152	100		
150	154.8	126.2	189.2
115	59.5	52.2	78.2

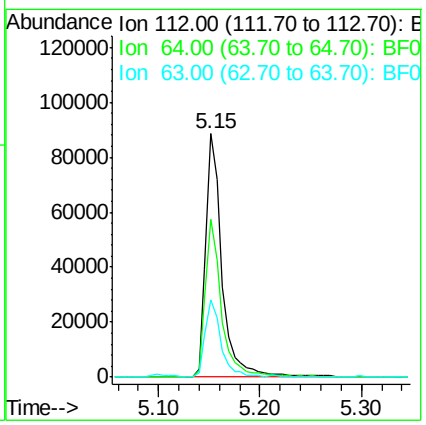


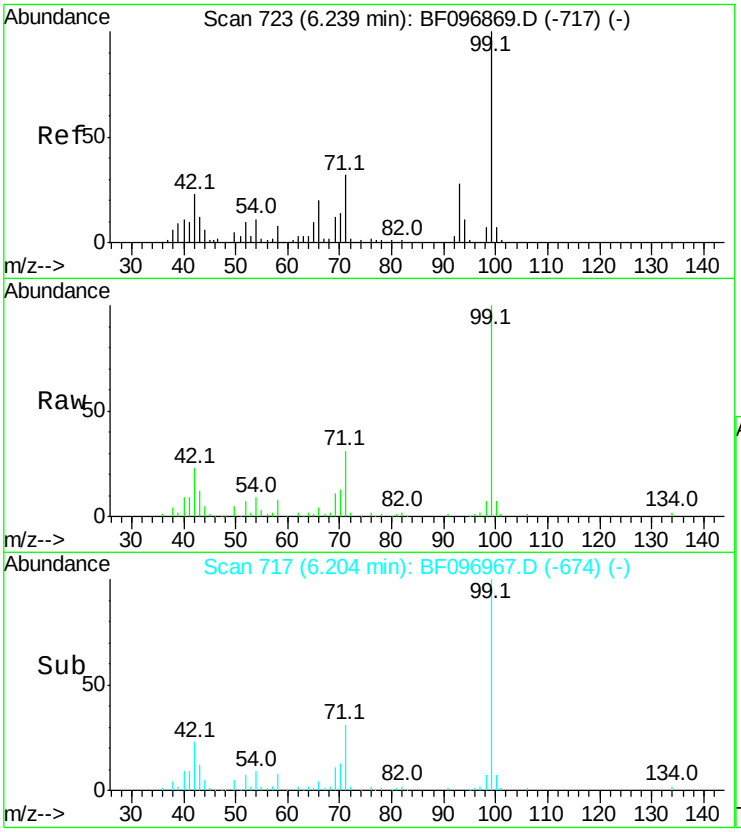


#5
2-Fluorophenol
Concen: 13.819 ng
RT: 5.15 min Scan# 538
Delta R.T. -0.05 min
Lab File: BF096967.D
Acq: 22 Jul 2017 3:43

Tgt Ion:112 Resp: 99054

Ion	Ratio	Lower	Upper
112	100		
64	64.9	46.0	69.0
63	31.7	23.4	35.0



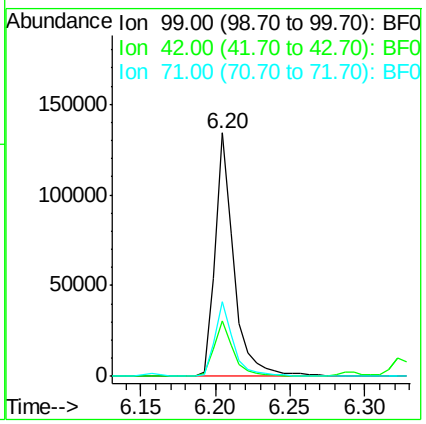


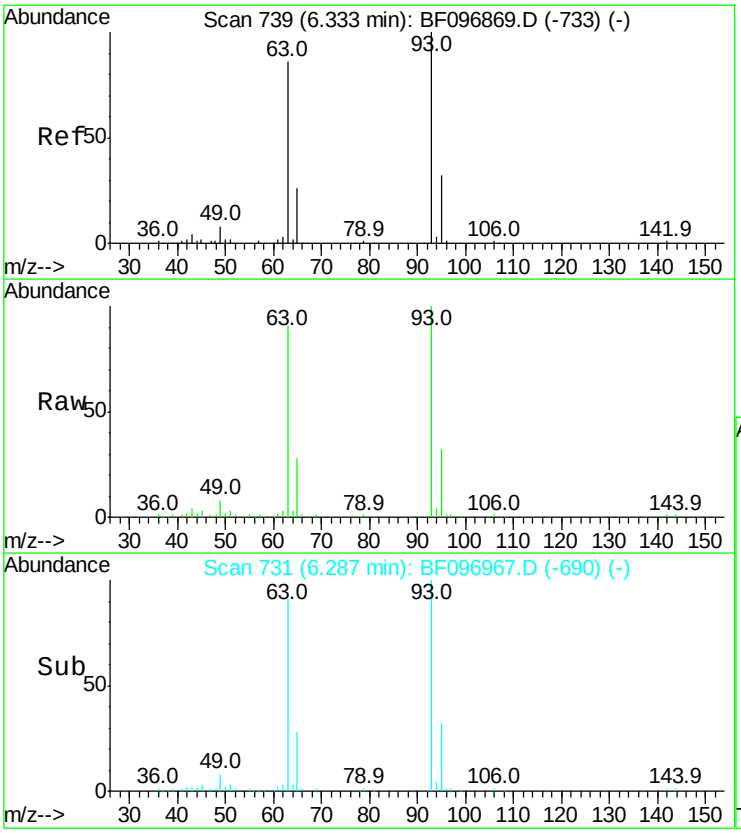
#7
Phenol-d6
Concen: 13.675 ng
RT: 6.20 min Scan# 717
Delta R.T. -0.05 min
Lab File: BF096967.D
Acq: 22 Jul 2017 3:43

Instrument :
BNA_F
ClientSampleId :
E2-O-P-6-7-BASEDL

Tgt Ion: 99 Resp: 117629

Ion	Ratio	Lower	Upper
99	100		
42	22.6	13.5	20.3#
71	30.9	24.5	36.7

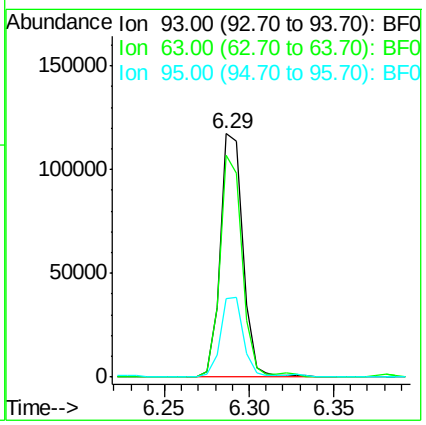


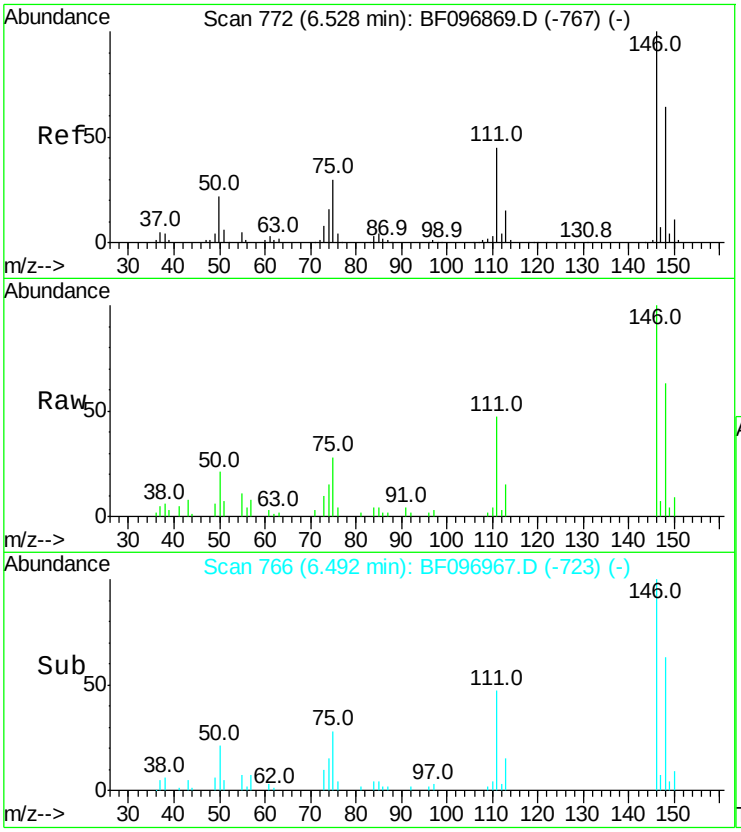


#11
bis(2-Chloroethyl)ether
Concen: 15.048 ng
RT: 6.29 min Scan# 731
Delta R.T. -0.06 min
Lab File: BF096967.D
Acq: 22 Jul 2017 3:43

Tgt Ion: 93 Resp: 110033

Ion	Ratio	Lower	Upper
93	100		
63	91.1	59.2	99.2
95	32.1	12.8	52.8



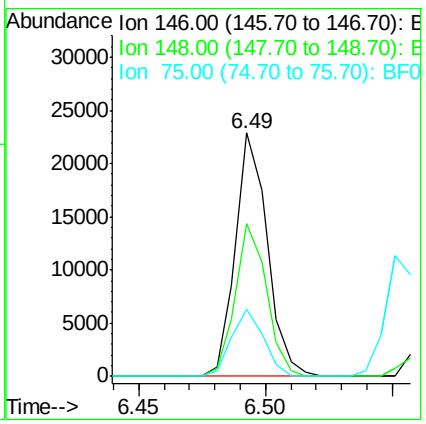


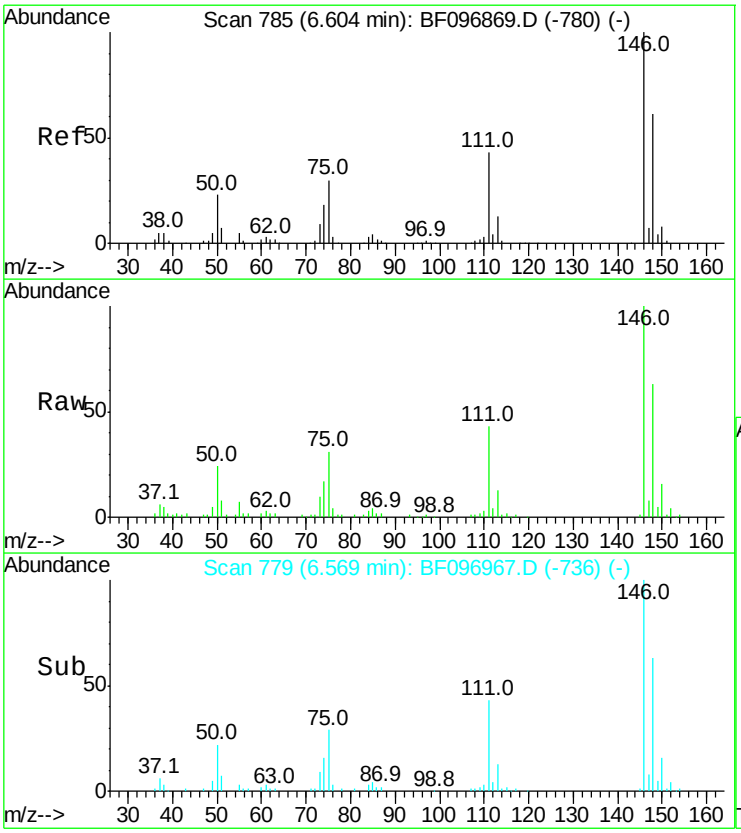
#12
1,3-Dichlorobenzene
Concen: 2.444 ng
RT: 6.49 min Scan# 766
Delta R.T. -0.05 min
Lab File: BF096967.D
Acq: 22 Jul 2017 3:43

Instrument :
BNA_F
ClientSampleId :
E2-O-P-6-7-BASEDL

Tgt Ion:146 Resp: 20091

Ion	Ratio	Lower	Upper
146	100		
148	62.6	51.8	77.6
75	27.5	23.1	34.7

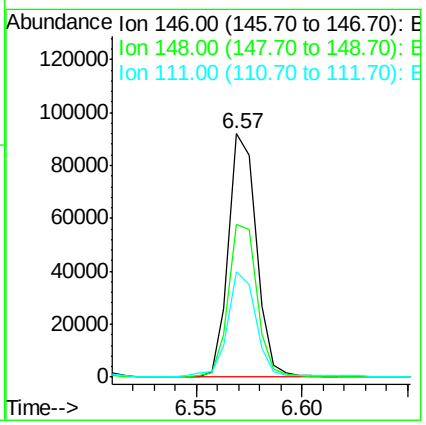


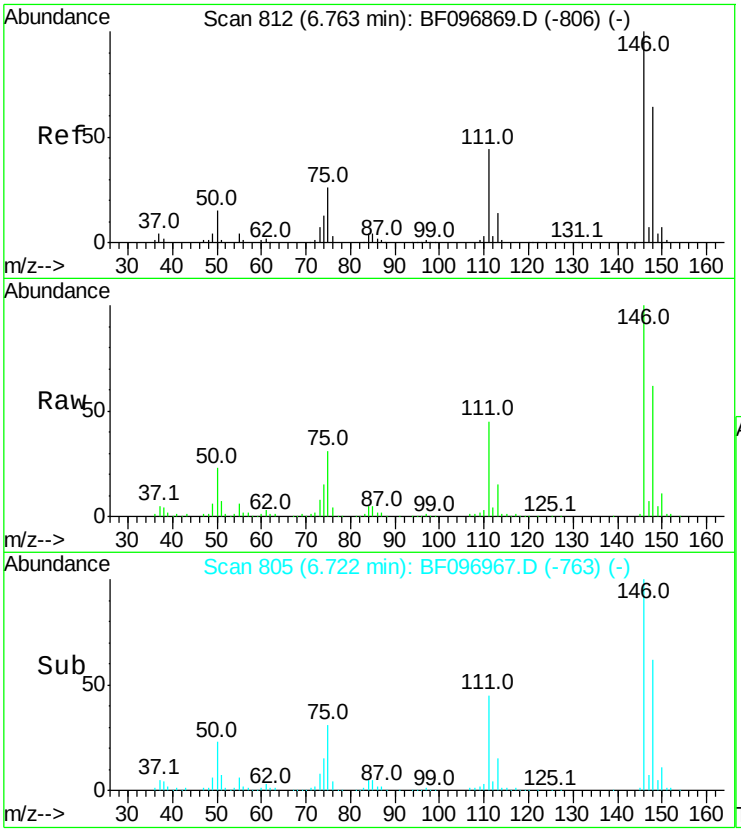


#13
1,4-Dichlorobenzene
Concen: 10.082 ng
RT: 6.57 min Scan# 779
Delta R.T. -0.05 min
Lab File: BF096967.D
Acq: 22 Jul 2017 3:43

Tgt Ion:146 Resp: 83925

Ion	Ratio	Lower	Upper
146	100		
148	62.9	52.2	78.2
111	43.3	30.3	45.5



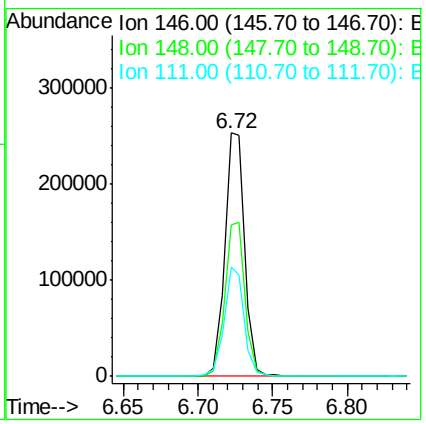


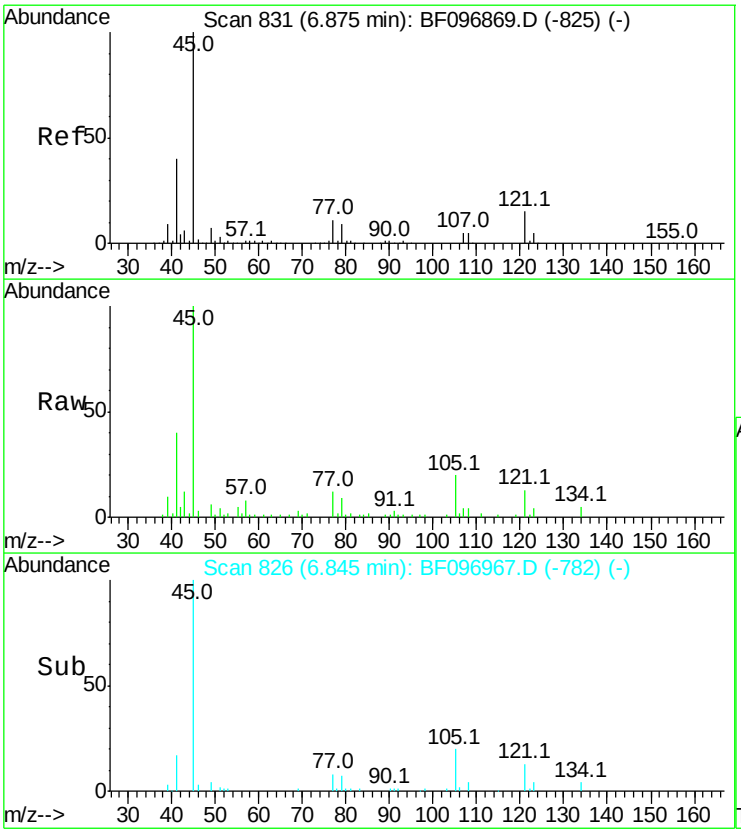
#14
1,2-Dichlorobenzene
Concen: 31.717 ng
RT: 6.72 min Scan# 805
Delta R.T. -0.05 min
Lab File: BF096967.D
Acq: 22 Jul 2017 3:43

Instrument :
BNA_F
ClientSampleId :
E2-O-P-6-7-BASEDL

Tgt Ion:146 Resp: 240136

Ion	Ratio	Lower	Upper
146	100		
148	62.3	50.4	75.6
111	44.8	38.2	57.4

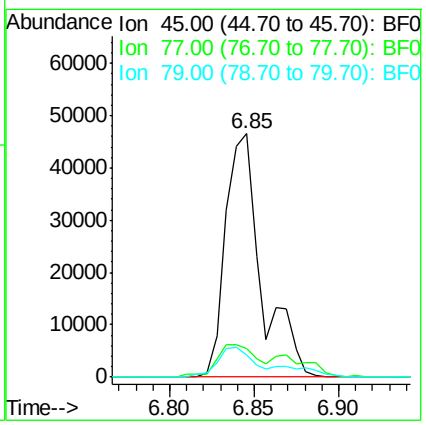


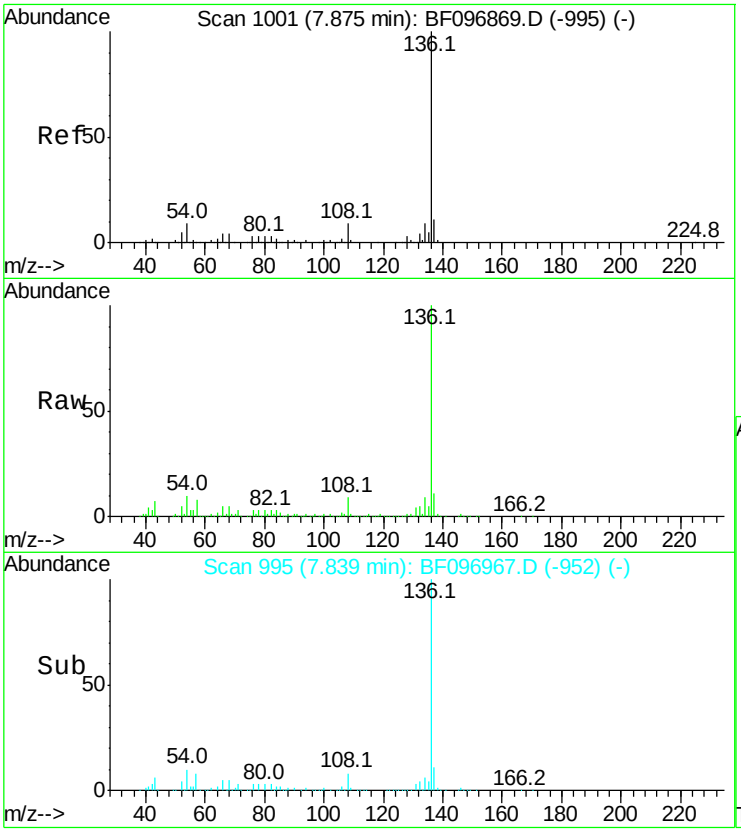


#16
2,2'-oxybis(1-Chloropropane)
Concen: 4.552 ng
RT: 6.85 min Scan# 826
Delta R.T. -0.04 min
Lab File: BF096967.D
Acq: 22 Jul 2017 3:43

Tgt Ion: 45 Resp: 68700

Ion	Ratio	Lower	Upper
45	100		
77	11.8	0.0	33.2
79	8.9	0.0	30.0



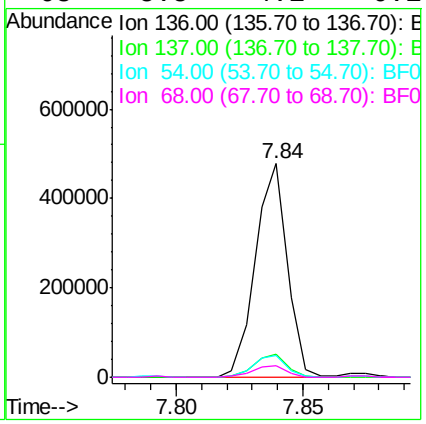


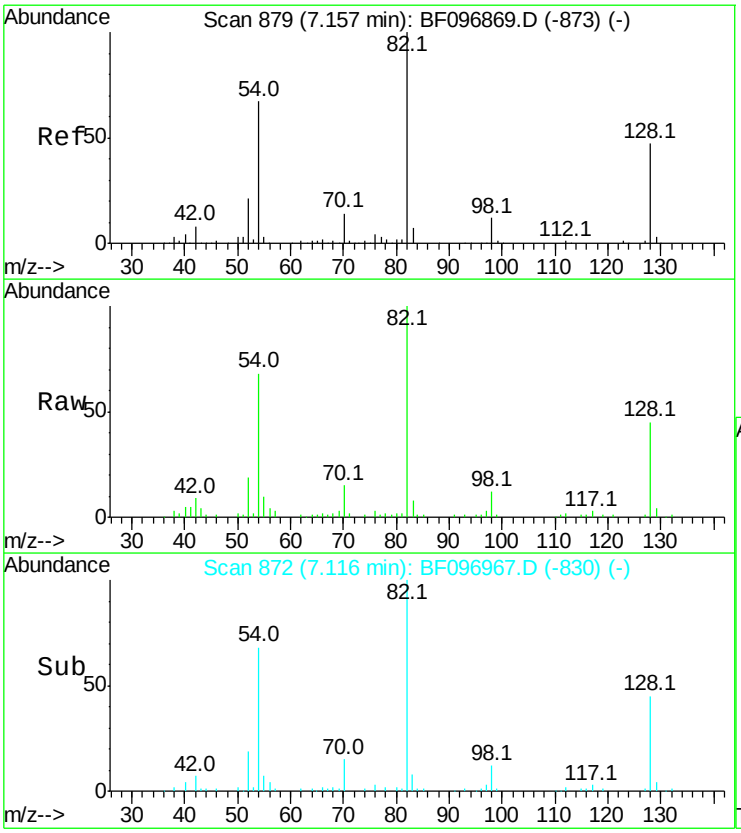
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 7.84 min Scan# 995
Delta R.T. -0.05 min
Lab File: BF096967.D
Acq: 22 Jul 2017 3:43

Instrument :
BNA_F
ClientSampleId :
E2-O-P-6-7-BASEDL

Tgt Ion:136 Resp: 419950

Ion	Ratio	Lower	Upper
136	100		
137	10.8	8.5	12.7
54	10.2	4.9	7.3#
68	5.5	4.1	6.1

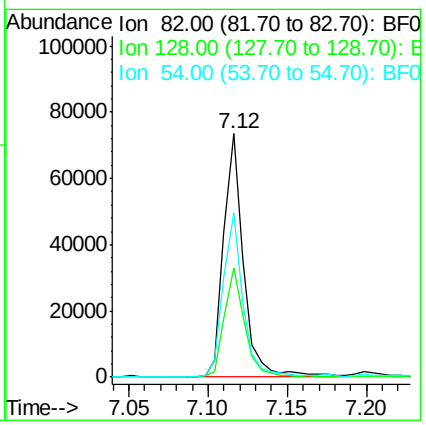


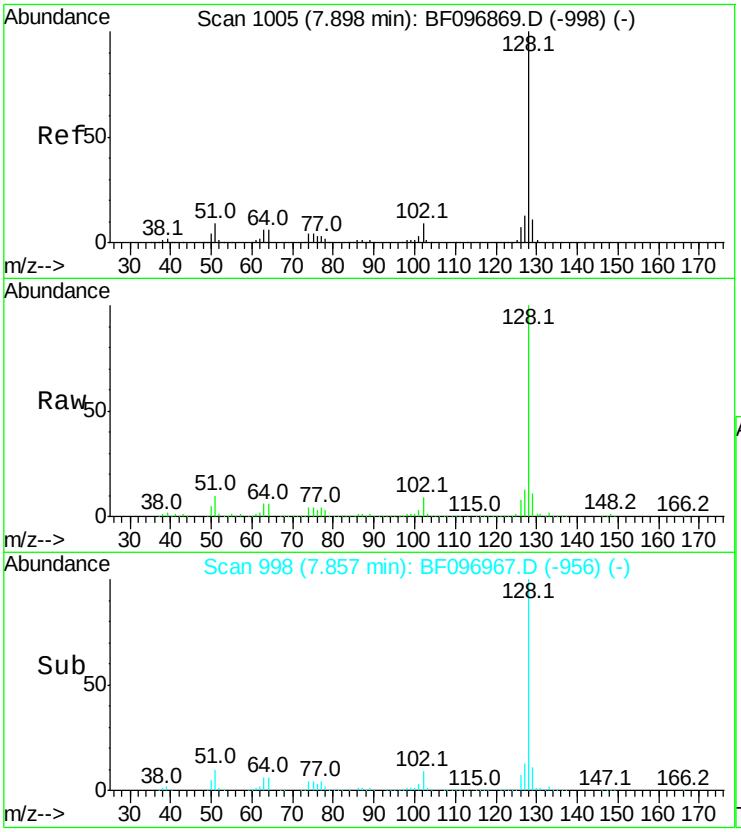


#23
Nitrobenzene-d5
Concen: 9.504 ng
RT: 7.12 min Scan# 872
Delta R.T. -0.05 min
Lab File: BF096967.D
Acq: 22 Jul 2017 3:43

Tgt Ion: 82 Resp: 64434

Ion	Ratio	Lower	Upper
82	100		
128	44.8	34.0	51.0
54	67.6	42.2	63.2#



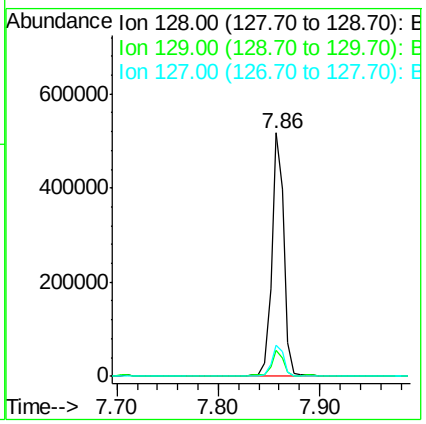


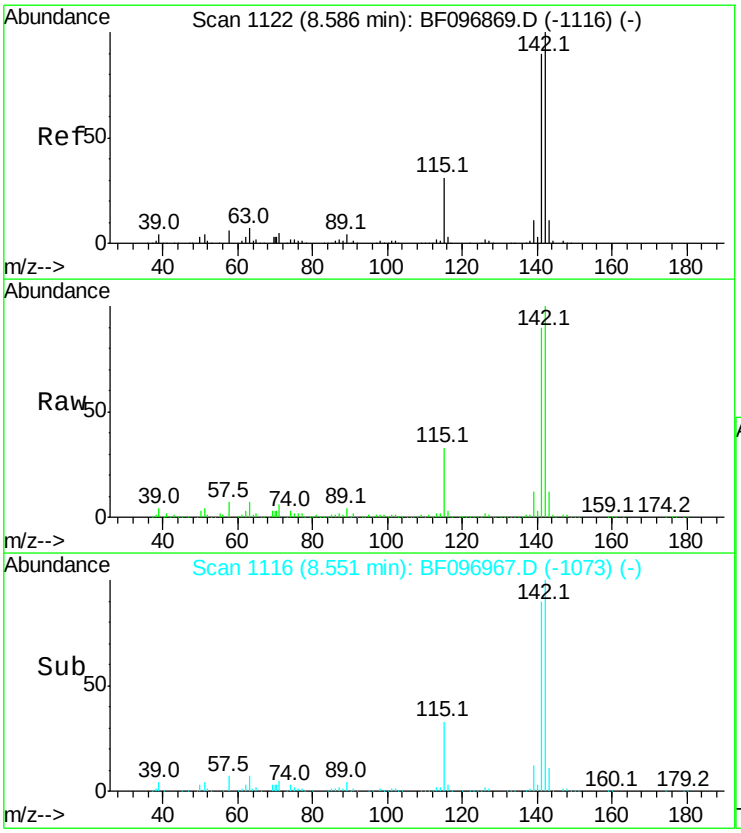
#31
Naphthalene
Concen: 21.954 ng
RT: 7.86 min Scan# 998
Delta R.T. -0.05 min
Lab File: BF096967.D
Acq: 22 Jul 2017 3:43

Instrument :
BNA_F
ClientSampleId :
E2-O-P-6-7-BASEDL

Tgt Ion:128 Resp: 436746

Ion	Ratio	Lower	Upper
128	100		
129	10.8	9.0	13.6
127	13.1	10.8	16.2

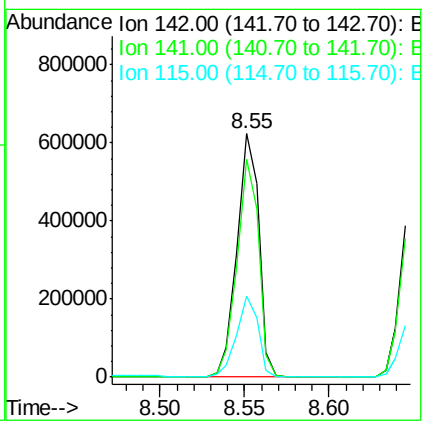


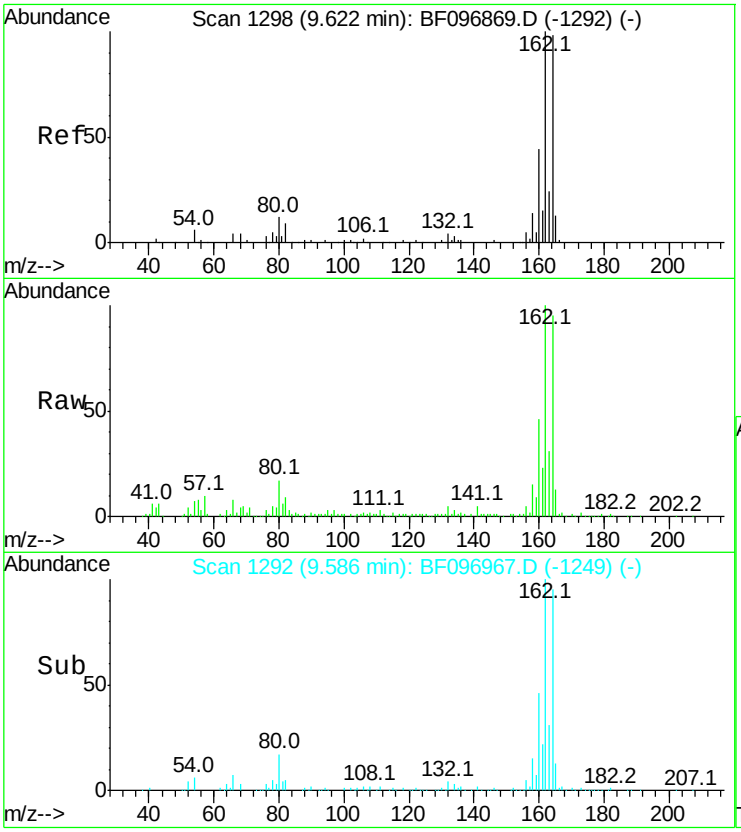


#37
2-Methylnaphthalene
Concen: 44.372 ng
RT: 8.55 min Scan# 1116
Delta R.T. -0.05 min
Lab File: BF096967.D
Acq: 22 Jul 2017 3:43

Tgt Ion:142 Resp: 562770

Ion	Ratio	Lower	Upper
142	100		
141	89.8	71.3	106.9
115	33.2	27.1	40.7



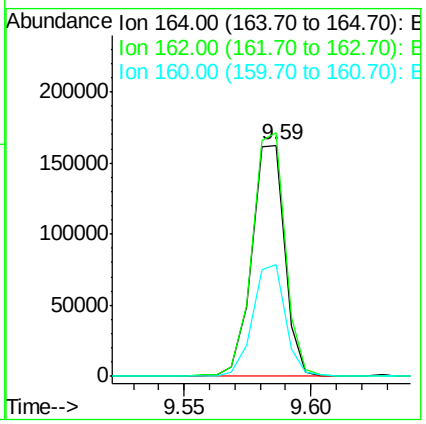


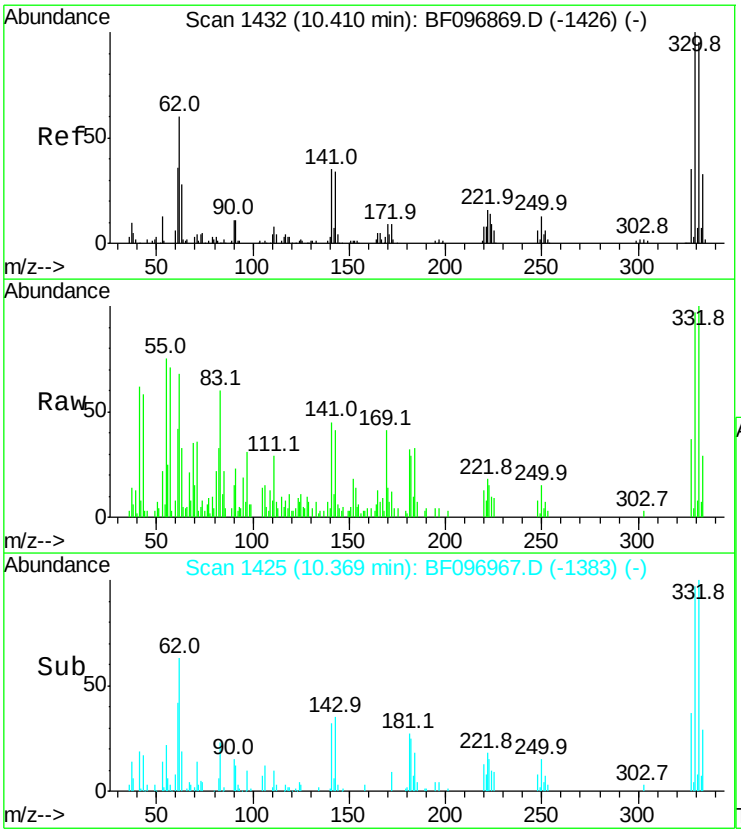
#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.59 min Scan# 1292
Delta R.T. -0.05 min
Lab File: BF096967.D
Acq: 22 Jul 2017 3:43

Instrument :
BNA_F
ClientSampleId :
E2-O-P-6-7-BASEDL

Tgt Ion:164 Resp: 148497

Ion	Ratio	Lower	Upper
164	100		
162	105.3	82.6	123.8
160	48.5	36.2	54.2

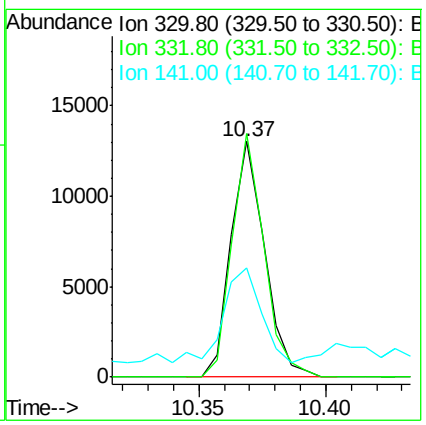


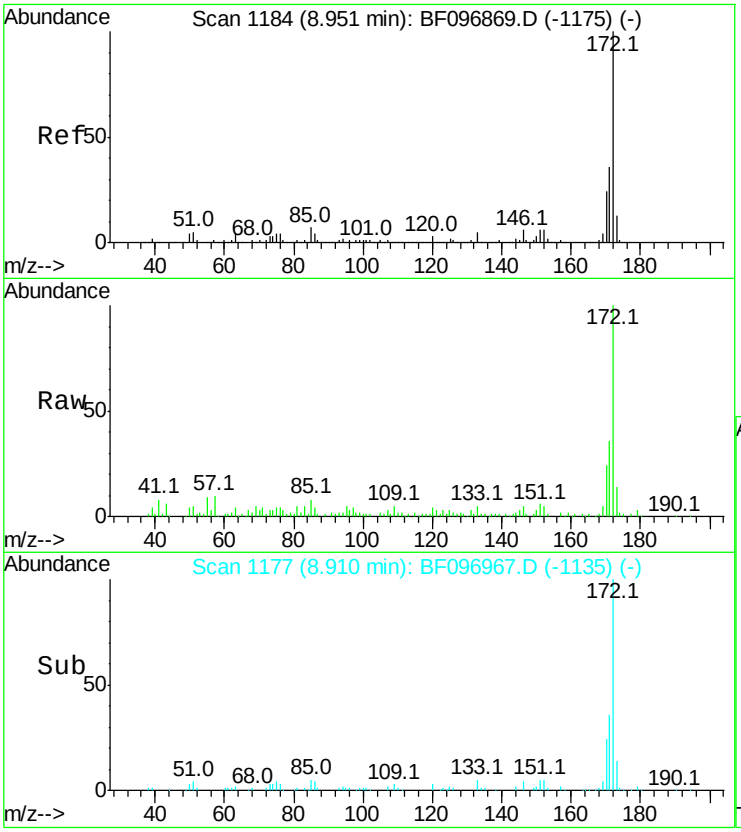


#41
2,4,6-Tribromophenol
Concen: 9.515 ng
RT: 10.37 min Scan# 1425
Delta R.T. -0.05 min
Lab File: BF096967.D
Acq: 22 Jul 2017 3:43

Tgt Ion:330 Resp: 12061

Ion	Ratio	Lower	Upper
330	100		
332	97.6	76.6	115.0
141	44.0	31.4	47.2



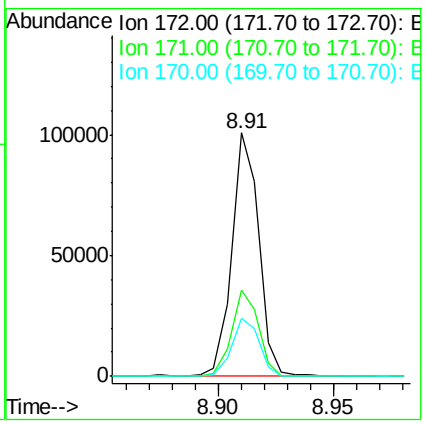


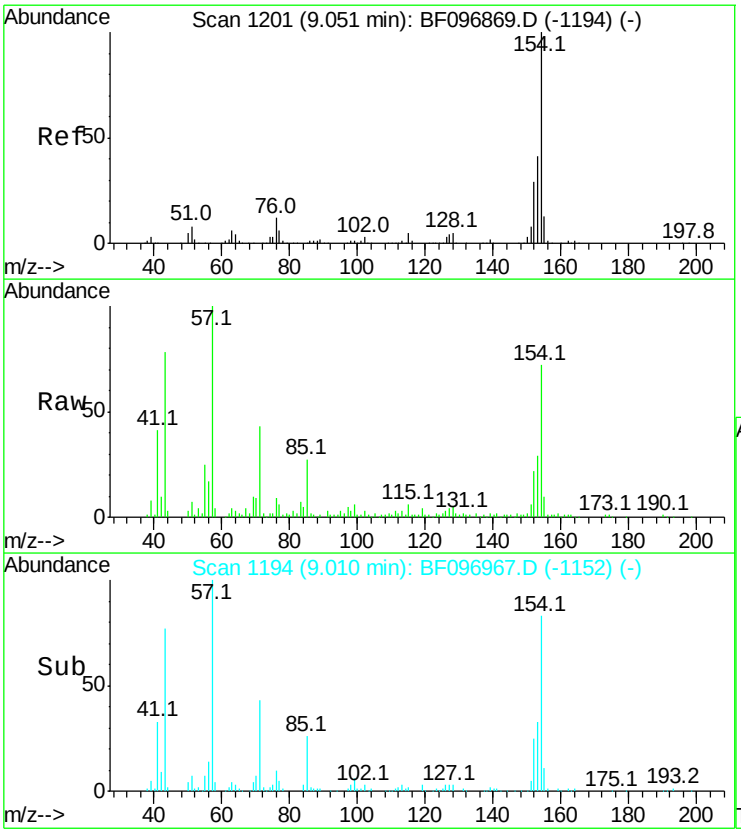
#44
2-Fluorobiphenyl
Concen: 8.710 ng
RT: 8.91 min Scan# 1177
Delta R.T. -0.05 min
Lab File: BF096967.D
Acq: 22 Jul 2017 3:43

Instrument :
BNA_F
ClientSampleId :
E2-O-P-6-7-BASEDL

Tgt Ion:172 Resp: 81868

Ion	Ratio	Lower	Upper
172	100		
171	35.6	29.6	44.4
170	24.0	19.8	29.8

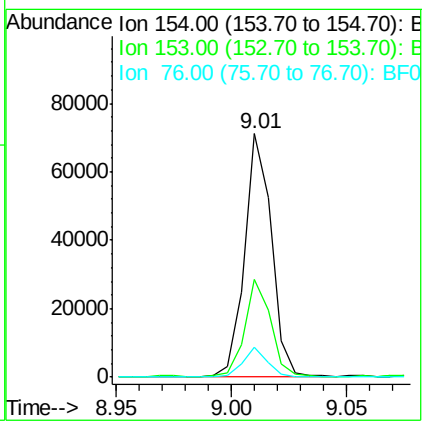


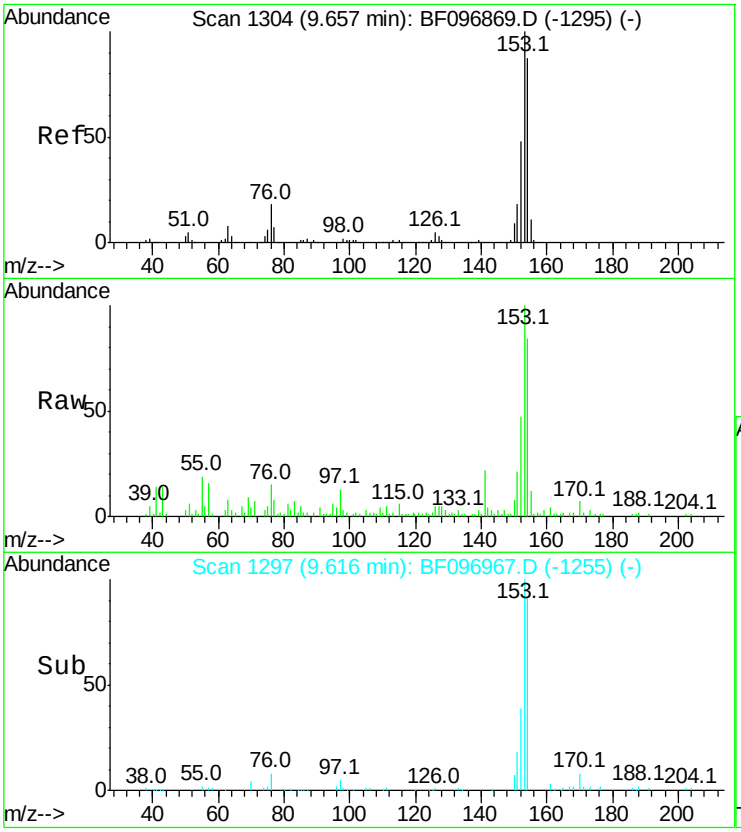


#45
1,1'-Biphenyl
Concen: 4.555 ng
RT: 9.01 min Scan# 1194
Delta R.T. -0.05 min
Lab File: BF096967.D
Acq: 22 Jul 2017 3:43

Tgt Ion:154 Resp: 58008

Ion	Ratio	Lower	Upper
154	100		
153	40.0	21.2	61.2
76	12.2	0.0	29.9



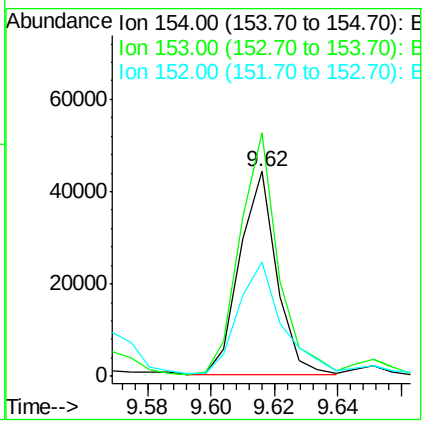


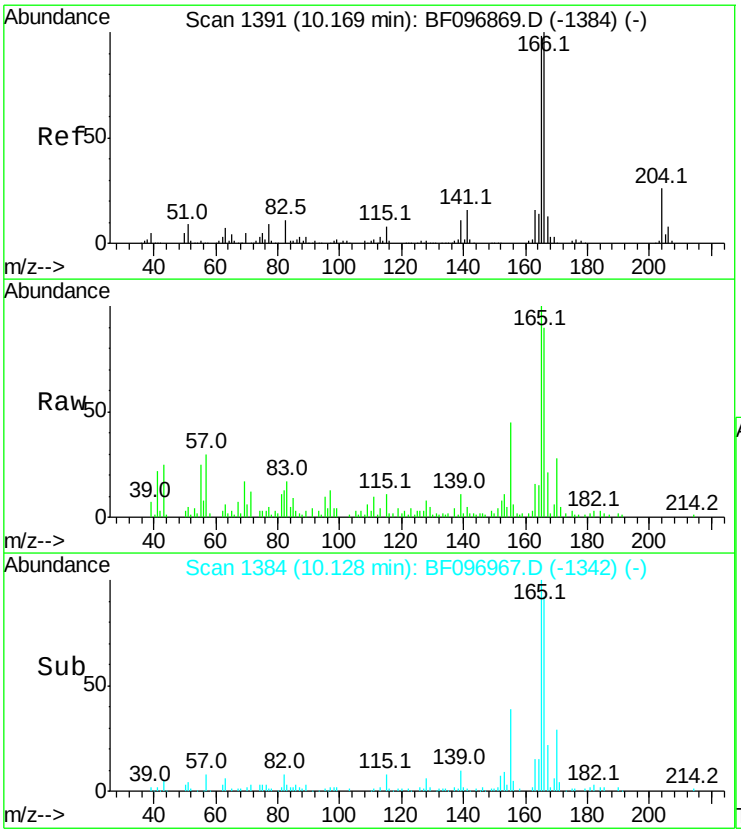
#51
Acenaphthene
Concen: 3.989 ng
RT: 9.62 min Scan# 1297
Delta R.T. -0.05 min
Lab File: BF096967.D
Acq: 22 Jul 2017 3:43

Instrument :
BNA_F
ClientSampleId :
E2-O-P-6-7-BASEDL

Tgt Ion:154 Resp: 35213

Ion	Ratio	Lower	Upper
154	100		
153	118.9	90.5	135.7
152	56.1	43.6	65.4

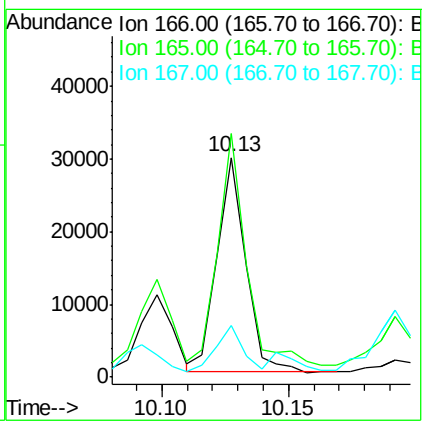


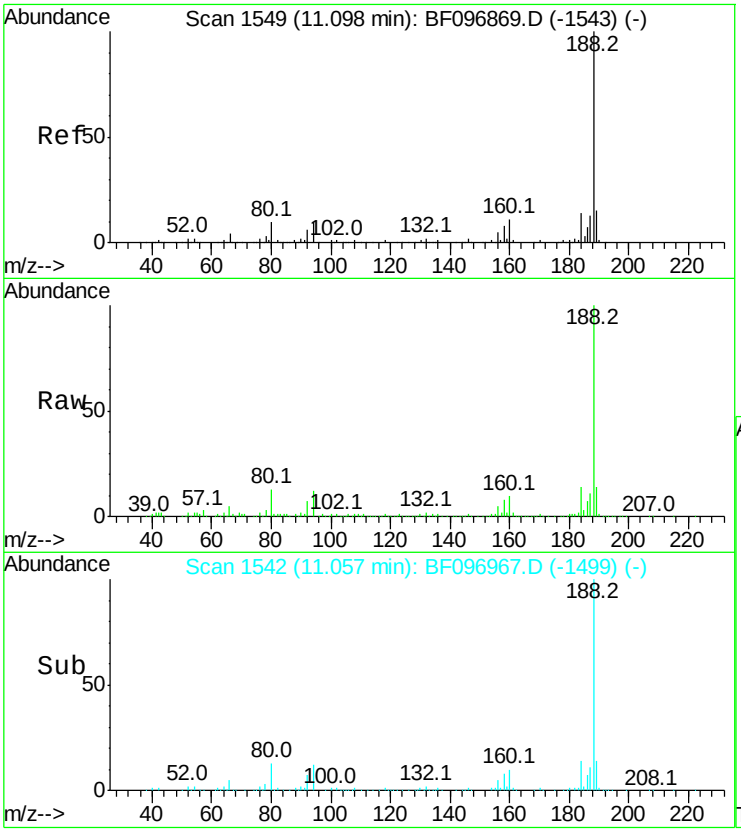


#57
Fluorene
Concen: 2.548 ng
RT: 10.13 min Scan# 1384
Delta R.T. -0.05 min
Lab File: BF096967.D
Acq: 22 Jul 2017 3:43

Tgt Ion:166 Resp: 23290

Ion	Ratio	Lower	Upper
166	100		
165	110.9	78.8	118.2
167	23.7	10.6	16.0#



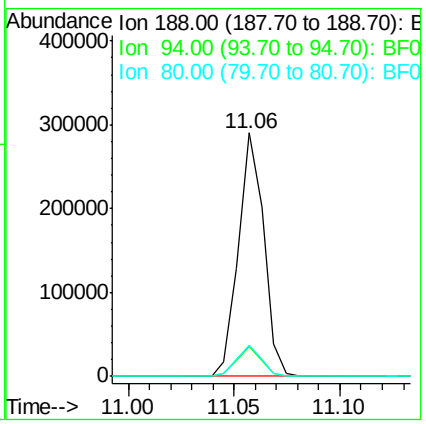


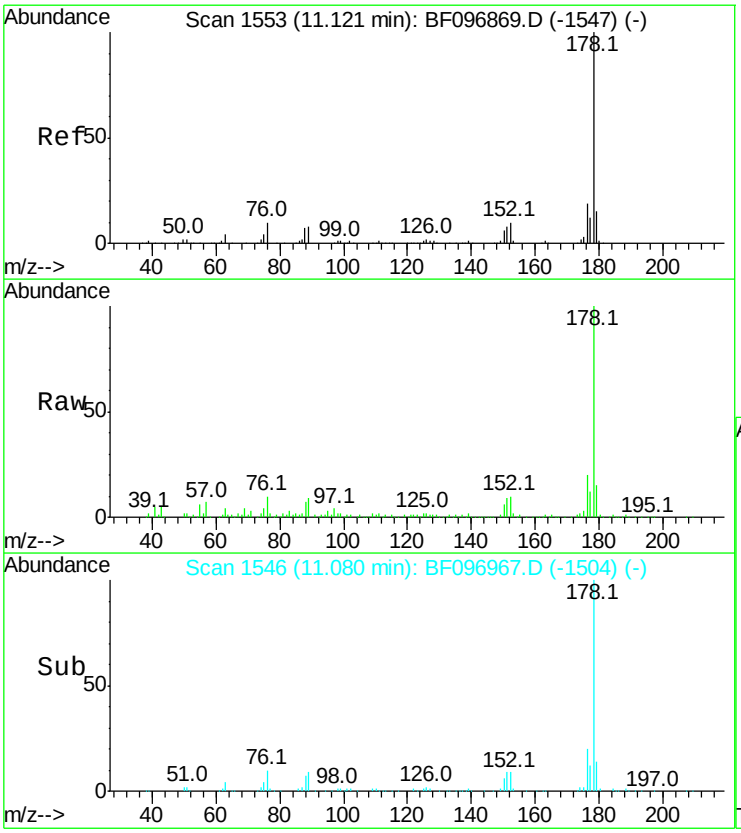
#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.06 min Scan# 1542
Delta R.T. -0.05 min
Lab File: BF096967.D
Acq: 22 Jul 2017 3:43

Instrument :
BNA_F
ClientSampleId :
E2-O-P-6-7-BASEDL

Tgt Ion:188 Resp: 241437

Ion	Ratio	Lower	Upper
188	100		
94	12.3	9.4	14.2
80	12.9	10.2	15.2

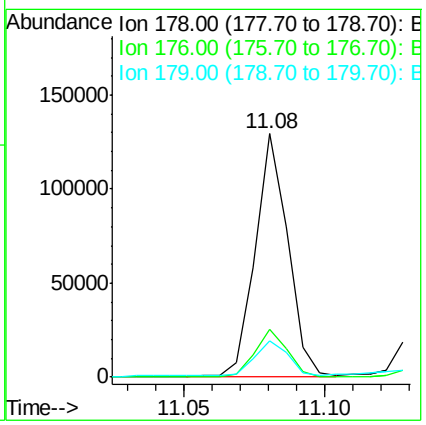


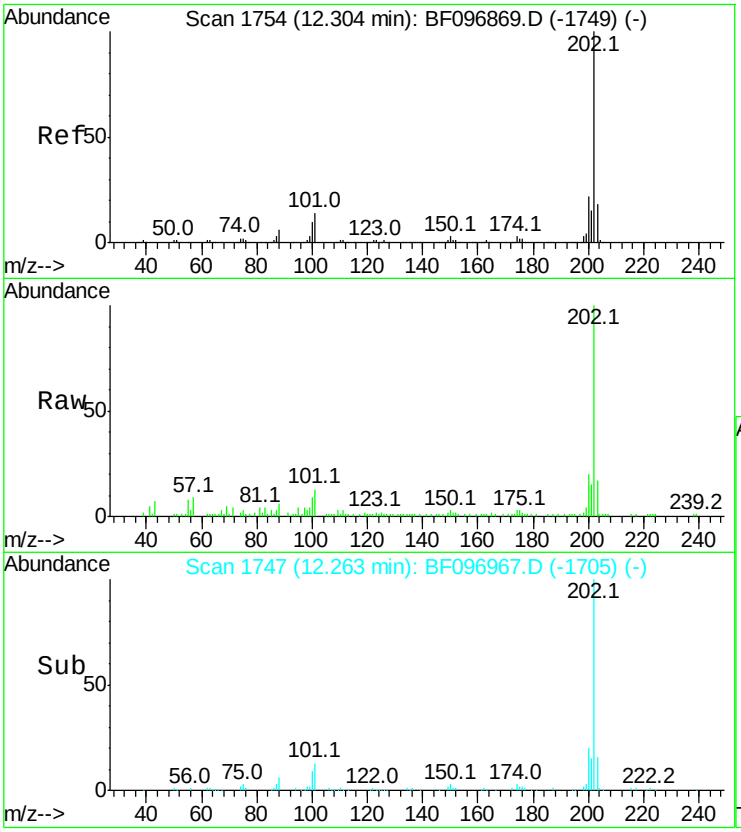


#70
Phenanthrene
Concen: 7.961 ng
RT: 11.08 min Scan# 1546
Delta R.T. -0.05 min
Lab File: BF096967.D
Acq: 22 Jul 2017 3:43

Tgt Ion:178 Resp: 104505

Ion	Ratio	Lower	Upper
178	100		
176	19.7	16.2	24.4
179	14.8	12.6	19.0



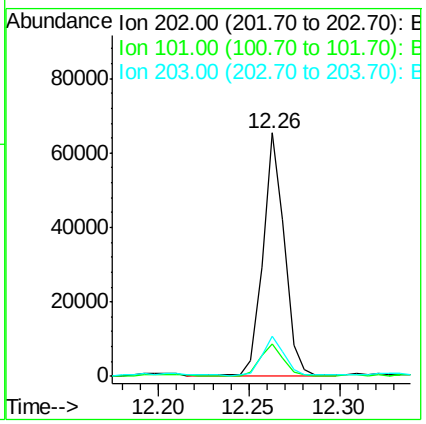


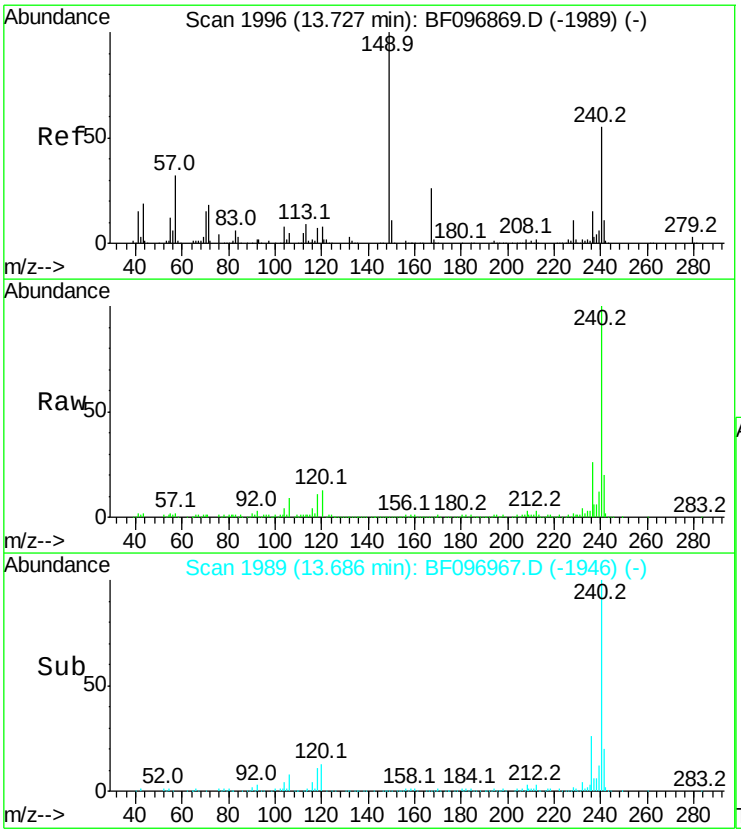
#74
Fluoranthene
Concen: 4.363 ng
RT: 12.26 min Scan# 1747
Delta R.T. -0.05 min
Lab File: BF096967.D
Acq: 22 Jul 2017 3:43

Instrument :
BNA_F
ClientSampleId :
E2-O-P-6-7-BASEDL

Tgt Ion:202 Resp: 54819

Ion	Ratio	Lower	Upper
202	100		
101	13.4	0.0	33.2
203	16.6	0.0	38.1

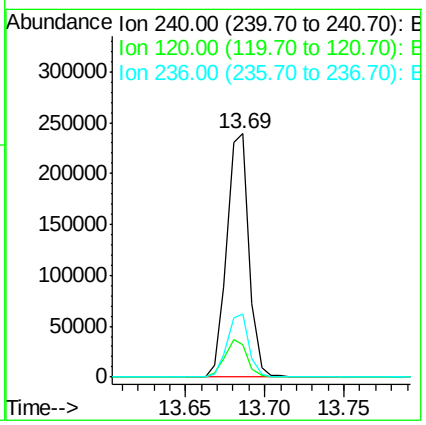


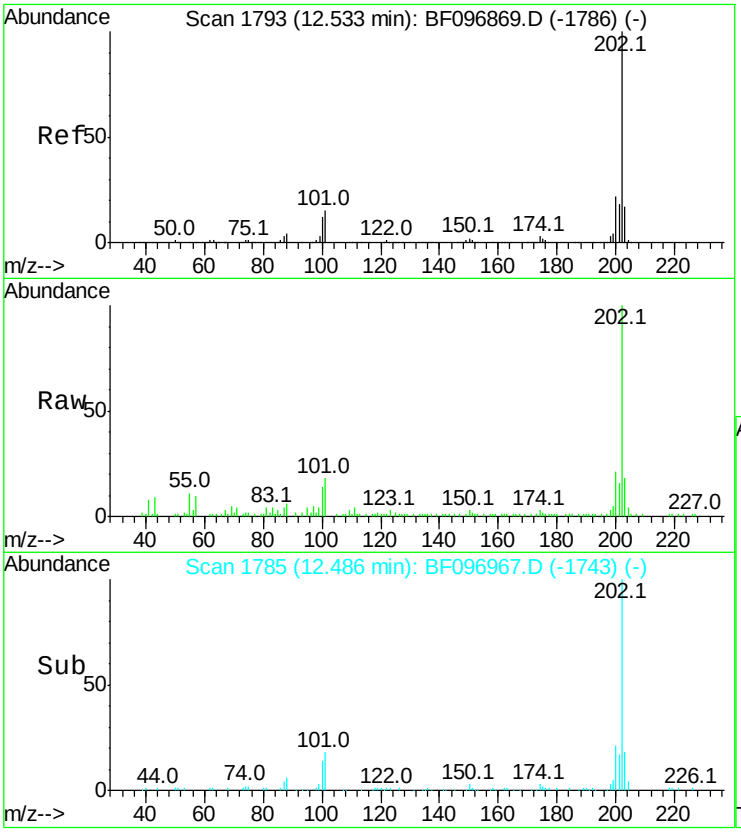


#75
Chrysene-d12
Concen: 20.000 ng
RT: 13.69 min Scan# 1989
Delta R.T. -0.05 min
Lab File: BF096967.D
Acq: 22 Jul 2017 3:43

Tgt Ion:240 Resp: 232840

Ion	Ratio	Lower	Upper
240	100		
120	13.4	5.8	8.8#
236	25.9	20.5	30.7



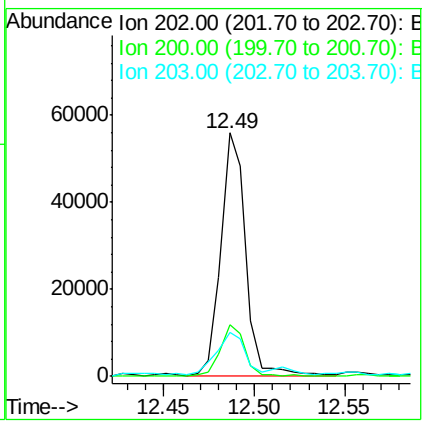


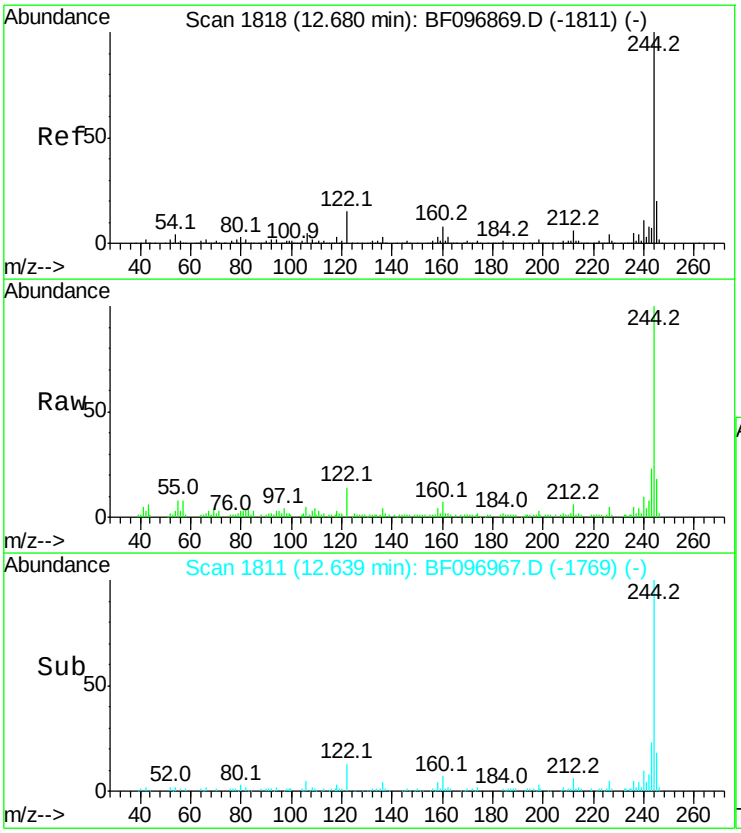
#77
Pyrene
Concen: 2.549 ng
RT: 12.49 min Scan# 1785
Delta R.T. -0.05 min
Lab File: BF096967.D
Acq: 22 Jul 2017 3:43

Instrument :
BNA_F
ClientSampleId :
E2-O-P-6-7-BASEDL

Tgt Ion:202 Resp: 53865

Ion	Ratio	Lower	Upper
202	100		
200	21.3	17.6	26.4
203	18.2	14.4	21.6

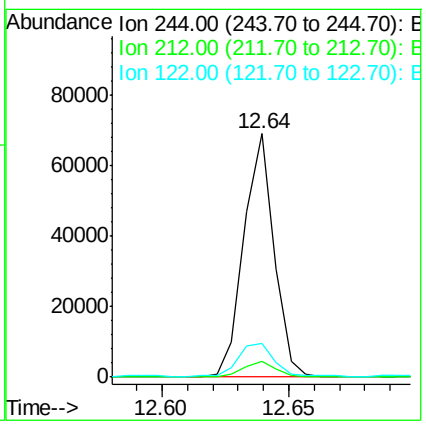


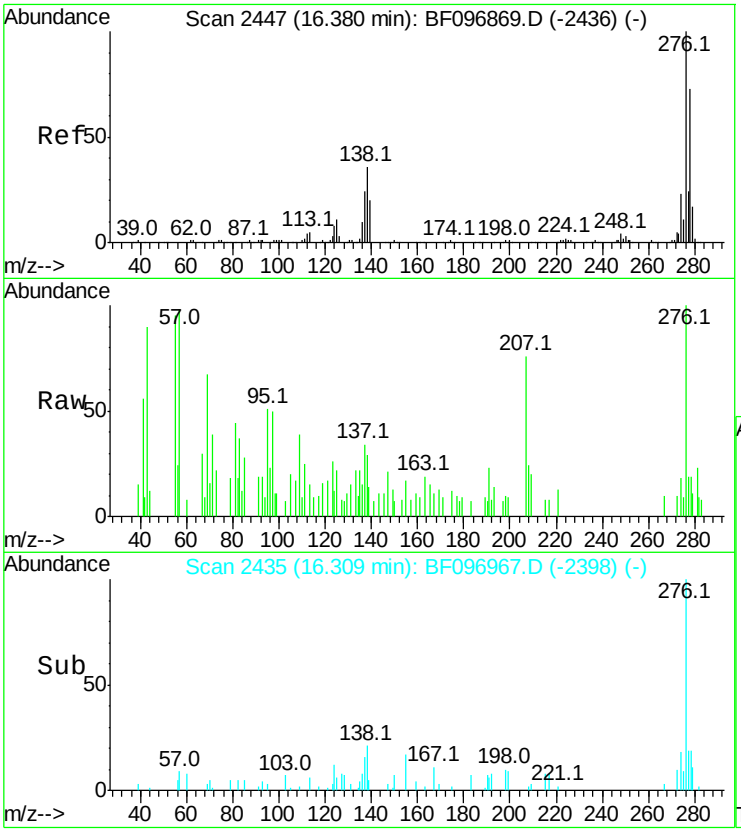


#78
Terphenyl-d14
Concen: 4.284 ng
RT: 12.64 min Scan# 1811
Delta R.T. -0.05 min
Lab File: BF096967.D
Acq: 22 Jul 2017 3:43

Tgt Ion:244 Resp: 57516

Ion	Ratio	Lower	Upper
244	100		
212	6.3	6.0	9.0
122	13.8	10.3	15.5



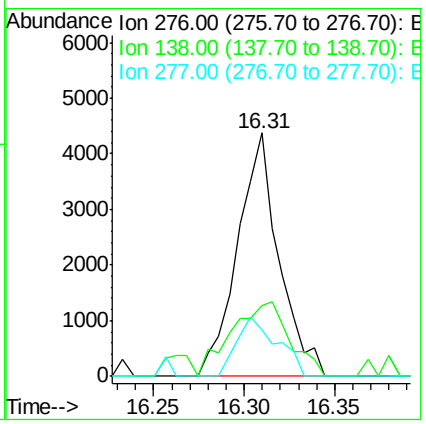


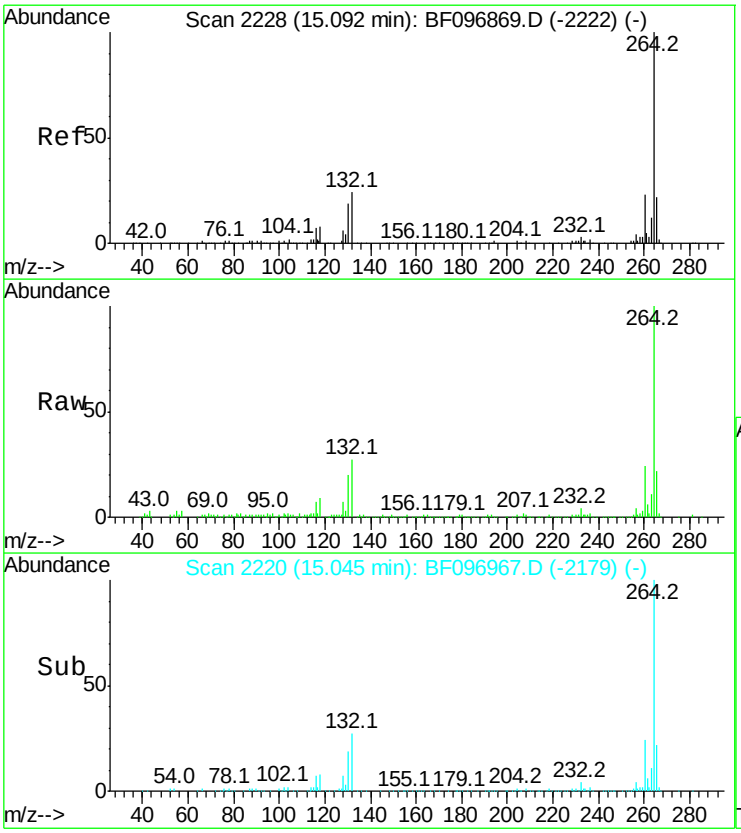
#85
Indeno(1,2,3-cd)pyrene
Concen: 3.835 ng
RT: 16.31 min Scan# 2435
Delta R.T. -0.08 min
Lab File: BF096967.D
Acq: 22 Jul 2017 3:43

Instrument :
BNA_F
ClientSampleId :
E2-O-P-6-7-BASEDL

Tgt Ion:276 Resp: 6958

Ion	Ratio	Lower	Upper
276	100		
138	43.2	27.8	41.6#
277	23.8	20.2	30.4





#86
Perylene-d12
Concen: 20.000 ng
RT: 15.04 min Scan# 2220
Delta R.T. -0.06 min
Lab File: BF096967.D
Acq: 22 Jul 2017 3:43

Tgt Ion:264 Resp: 208030

Ion	Ratio	Lower	Upper
264	100		
260	23.5	19.5	29.3
265	21.7	17.2	25.8