Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF072717\
Data File : BF097122.D
Acq On : 27 Jul 2017 15:05
Operator : SJ/JU
Sample : I4421-01 2X
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : E2-M6-ESW

Quant Time: Jul 27 15:54:51 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	6.49	152	93933	20.00	ng		-0.01
21) Naphthalene-d8	7.77	136	373247	20.00	ng		-0.02
38) Acenaphthene-d10	9.52	164	121799	20.00	ng		-0.02
63) Phenanthrene-d10	10.99	188	190788	20.00	ng		-0.01
75) Chrysene-d12	13.63	240	137895	20.00	ng		0.00
86) Perylene-d12	15.01	264	97397	20.00	ng		0.04
System Monitoring Compounds							
5) 2-Fluorophenol	5.08	112	304622	48.89	ng		-0.02
7) Phenol-d6	6.15	99	341056	47.94	ng		-0.02
23) Nitrobenzene-d5	7.05	82	218490	34.34	ng		-0.02
41) 2,4,6-Tribromophenol	10.30	330	46787	48.62	ng		-0.02
44) 2-Fluorobiphenyl	8.85	172	294556	41.04	ng		-0.02
78) Terphenyl-d14	12.58	244	177127	26.19	ng		0.00
Target Compounds							Qvalue
6) Aniline	6.23	93	842461	94.113	ng	#	50
11) bis(2-Chloroethyl)ether	6.23	93	842461	126.240	ng		88
13) 1,4-Dichlorobenzene	6.50	146	38375	5.393	ng		94
14) 1,2-Dichlorobenzene	6.66	146	96832	15.585	ng		98
20) 3+4-Methylphenols	6.94	107	16036	2.388	ng	#	65
31) Naphthalene	7.79	128	57241	3.253	ng		99
35) Caprolactam	8.22	113	4276	2.618	ng	#	1
37) 2-Methylnaphthalene	8.49	142	67985	6.103	ng		98
49) Dimethylphthalate	9.25	163	28285	3.058	ng	#	83
53) 2,4-Dinitrophenol	9.80	184	2063	2.313	ng		88
65) n-Nitrosodiphenylamine	10.18	169	20880	3.145	ng	#	40
70) Phenanthrene	11.02	178	53820	5.265	ng	#	95
71) Anthracene	11.06	178	21133	2.018	ng	#	79
74) Fluoranthene	12.20	202	92345	9.221	ng		96
77) Pyrene	12.43	202	100270	8.882	ng		96
79) Butylbenzylphthalate	13.03	149	12614	2.197	ng	#	27
80) Benzo(a)anthracene	13.62	228	40990	4.594	ng	#	76
82) Chrysene	13.66	228	40301	4.626	ng	#	84
85) Indeno(1,2,3-cd)pyrene	16.24	276	20753	2.778	ng		96
87) Benzo(b)fluoranthene	14.64	252	50116	8.560	ng	#	11
88) Benzo(k)fluoranthene	14.64	252	50116	8.983	ng	#	12
89) Benzo(a)pyrene	14.96	252	23442	4.375	ng	#	1
91) Benzo(g,h,i)perylene	16.61	276	24503	5.317	ng	#	65

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

Quantitation Report (Not Reviewed)

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Misc :
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Instrument : BNA_F
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Quant Time: Jul 27 15:54:51 2017
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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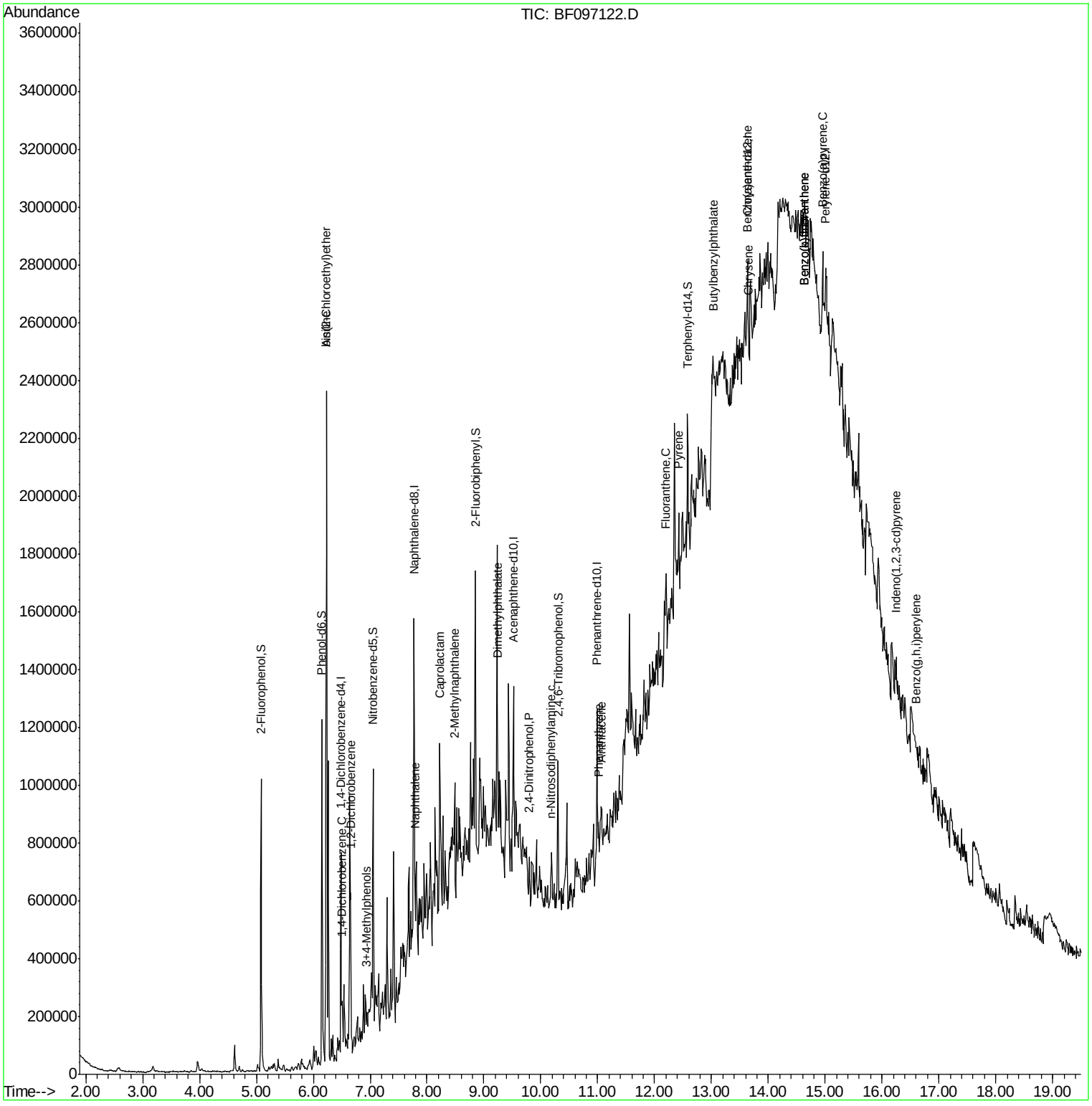
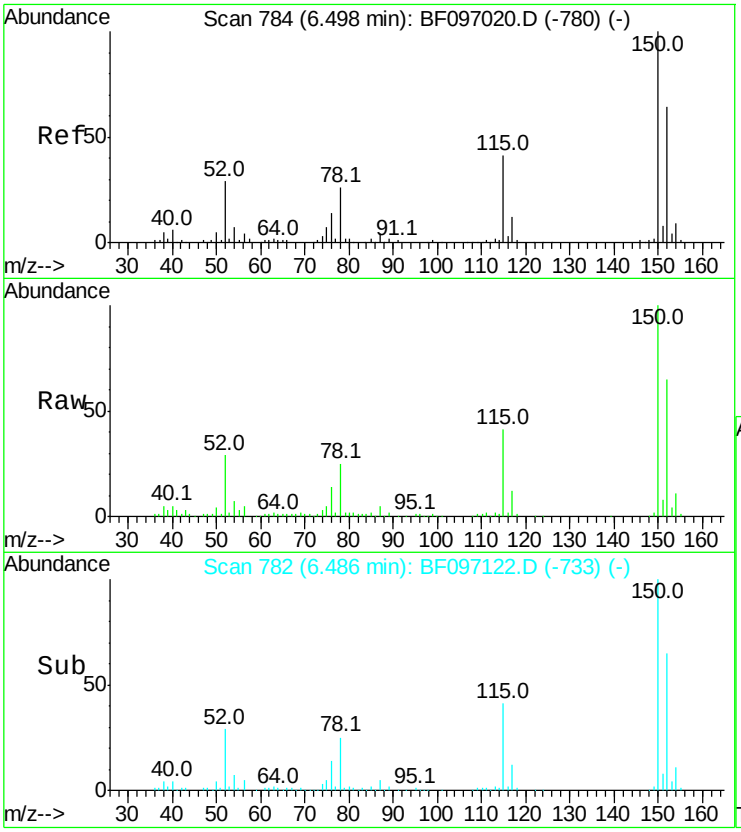


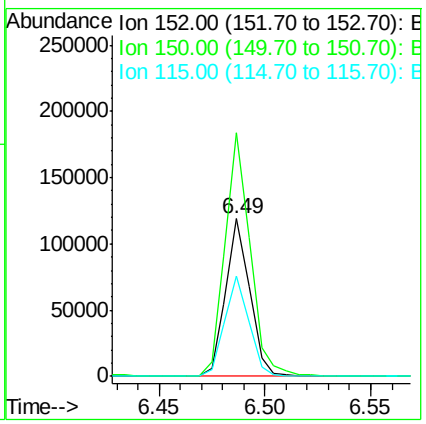


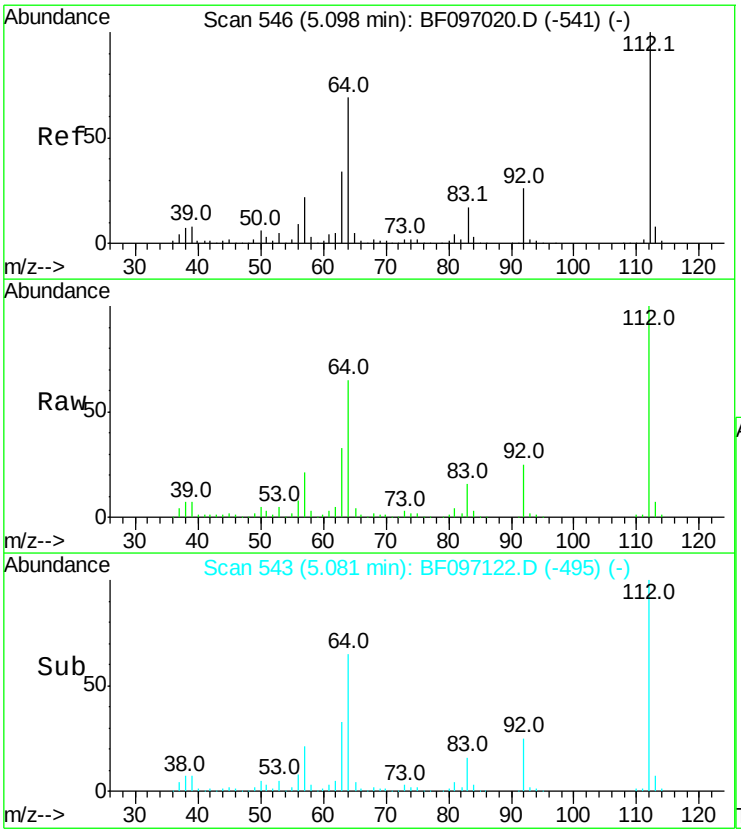
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.49 min Scan# 782
Delta R.T. -0.01 min
Lab File: BF097122.D
Acq: 27 Jul 2017 15:05

Instrument :
BNA_F
ClientSampleId :
E2-M6-ESW

Tgt Ion:152 Resp: 93933

Ion	Ratio	Lower	Upper
152	100		
150	154.3	126.2	189.2
115	63.2	52.2	78.2

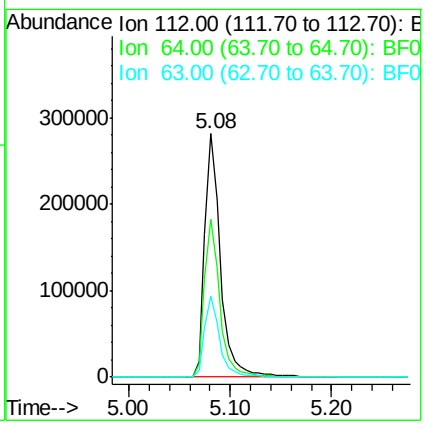


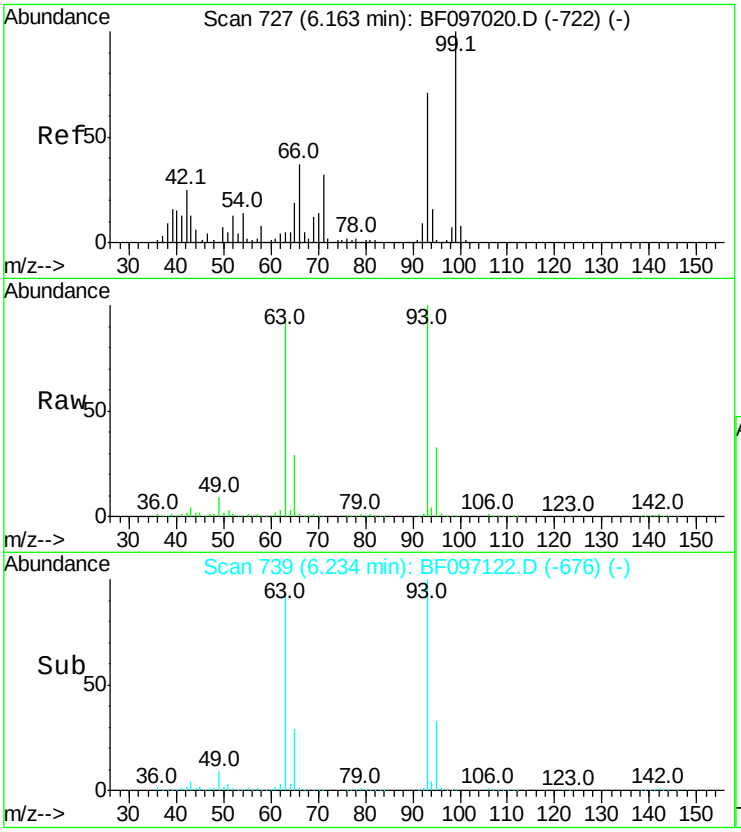


#5
2-Fluorophenol
Concen: 48.887 ng
RT: 5.08 min Scan# 543
Delta R.T. -0.02 min
Lab File: BF097122.D
Acq: 27 Jul 2017 15:05

Tgt Ion:112 Resp: 304622

Ion	Ratio	Lower	Upper
112	100		
64	64.6	46.0	69.0
63	33.0	23.4	35.0



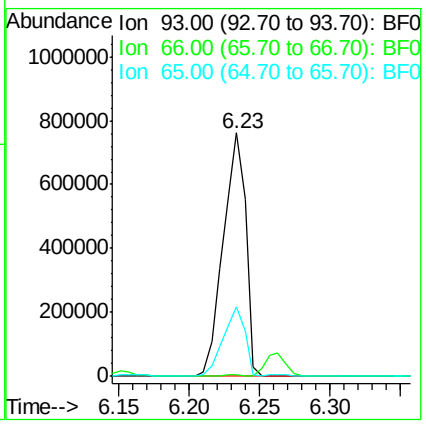


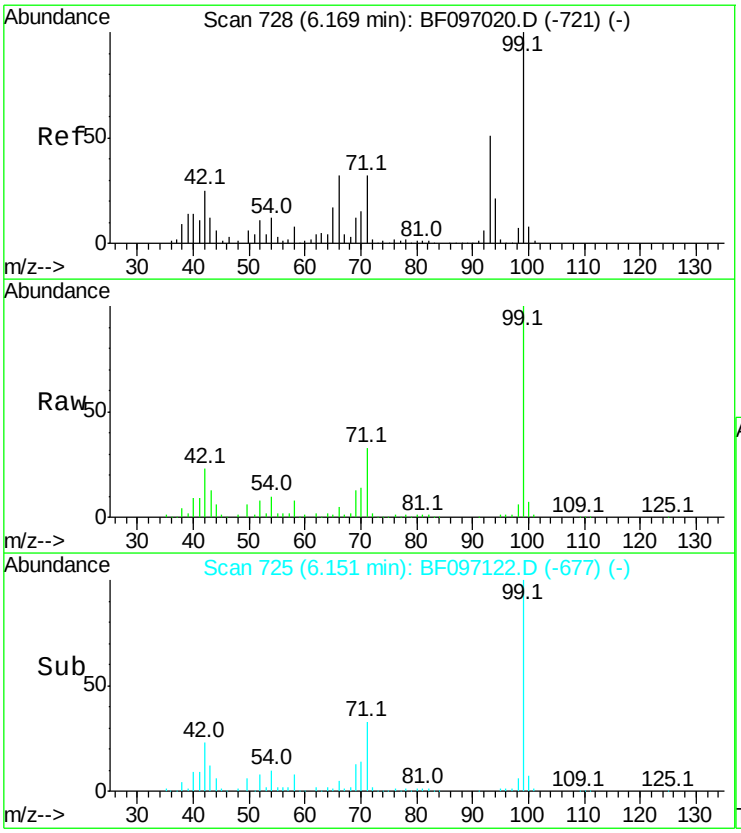
#6
Aniline
Concen: 94.113 ng
RT: 6.23 min Scan# 739
Delta R.T. 0.07 min
Lab File: BF097122.D
Acq: 27 Jul 2017 15:05

Instrument :
BNA_F
ClientSampleId :
E2-M6-ESW

Tgt Ion: 93 Resp: 842461

Ion	Ratio	Lower	Upper
93	100		
66	0.6	32.9	49.3#
65	28.6	16.0	24.0#

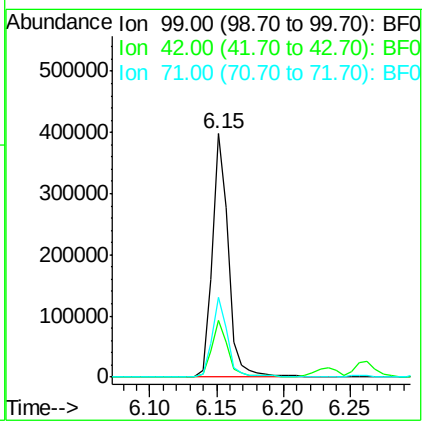


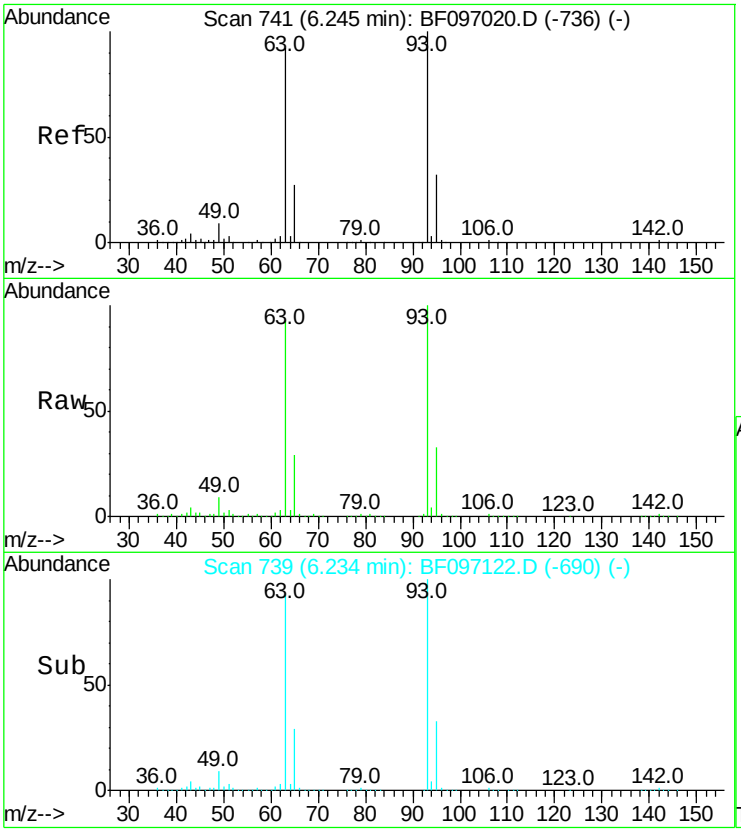


#7
Phenol-d6
Concen: 47.945 ng
RT: 6.15 min Scan# 725
Delta R.T. -0.02 min
Lab File: BF097122.D
Acq: 27 Jul 2017 15:05

Tgt Ion: 99 Resp: 341056

Ion	Ratio	Lower	Upper
99	100		
42	23.4	13.5	20.3#
71	32.7	24.5	36.7



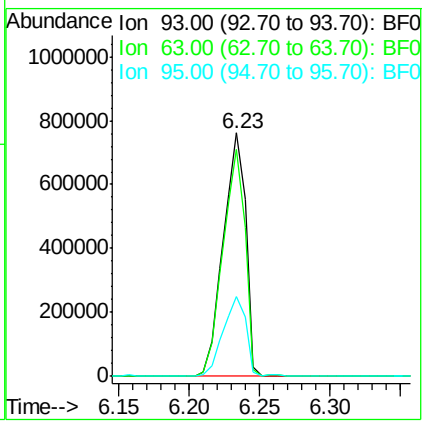


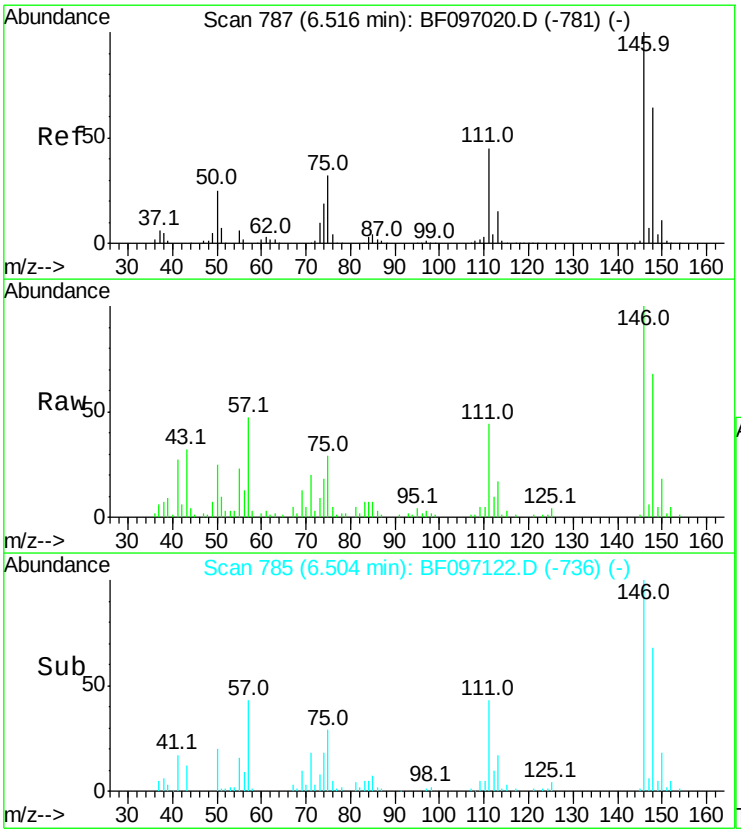
#11
bis(2-Chloroethyl)ether
Concen: 126.240 ng
RT: 6.23 min Scan# 739
Delta R.T. -0.01 min
Lab File: BF097122.D
Acq: 27 Jul 2017 15:05

Instrument :
BNA_F
ClientSampleId :
E2-M6-ESW

Tgt Ion: 93 Resp: 842461

Ion	Ratio	Lower	Upper
93	100		
63	93.4	59.2	99.2
95	33.0	12.8	52.8

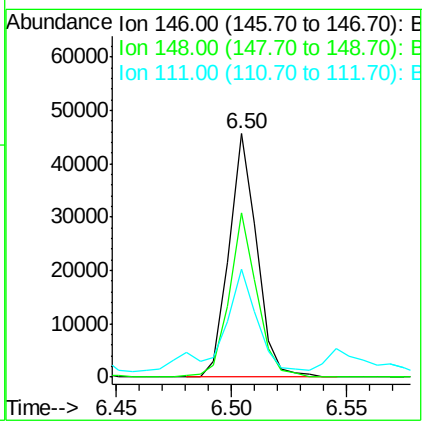


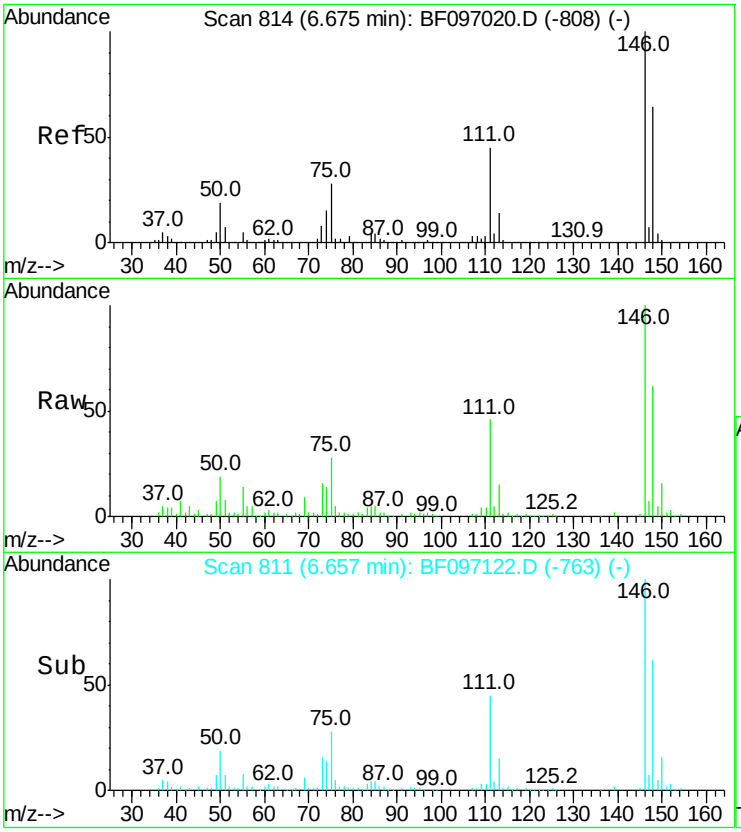


#13
1,4-Dichlorobenzene
Concen: 5.393 ng
RT: 6.50 min Scan# 785
Delta R.T. -0.01 min
Lab File: BF097122.D
Acq: 27 Jul 2017 15:05

Tgt Ion:146 Resp: 38375

Ion	Ratio	Lower	Upper
146	100		
148	67.5	52.2	78.2
111	44.3	30.3	45.5



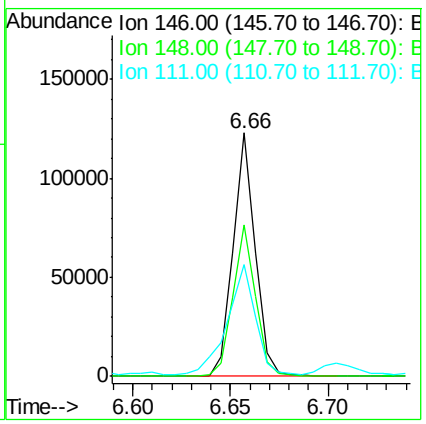


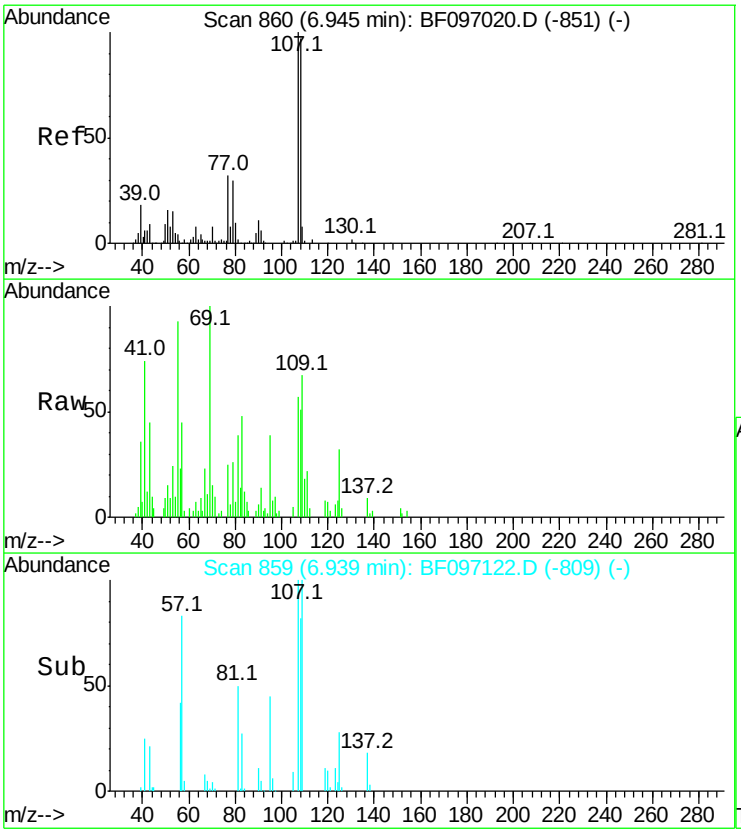
#14
1,2-Dichlorobenzene
Concen: 15.585 ng
RT: 6.66 min Scan# 811
Delta R.T. -0.02 min
Lab File: BF097122.D
Acq: 27 Jul 2017 15:05

Instrument :
BNA_F
ClientSampleId :
E2-M6-ESW

Tgt Ion:146 Resp: 96832

Ion	Ratio	Lower	Upper
146	100		
148	62.0	50.4	75.6
111	46.1	38.2	57.4

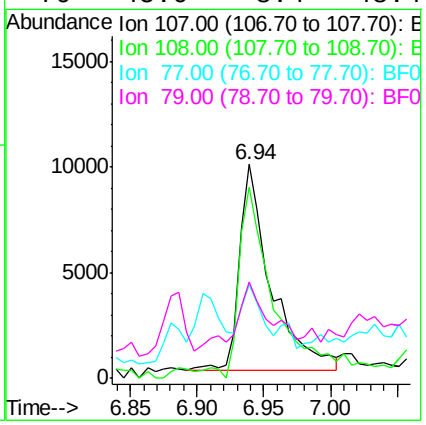


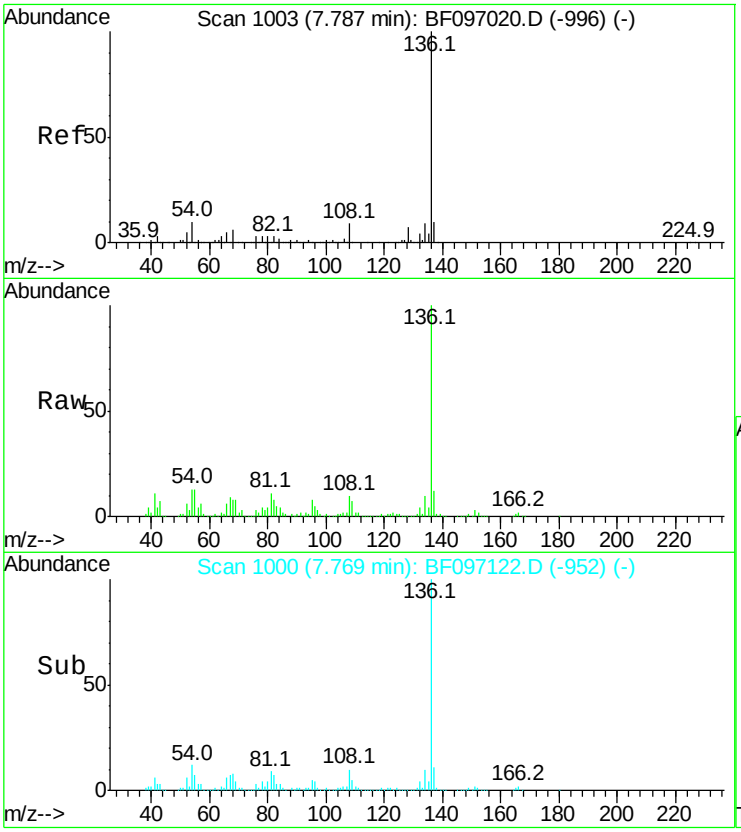


#20
3+4-Methylphenols
Concen: 2.388 ng
RT: 6.94 min Scan# 859
Delta R.T. -0.01 min
Lab File: BF097122.D
Acq: 27 Jul 2017 15:05

Tgt Ion:107 Resp: 16036

Ion	Ratio	Lower	Upper
107	100		
108	89.0	71.0	111.0
77	43.8	90.5	130.5#
79	45.0	8.4	48.4



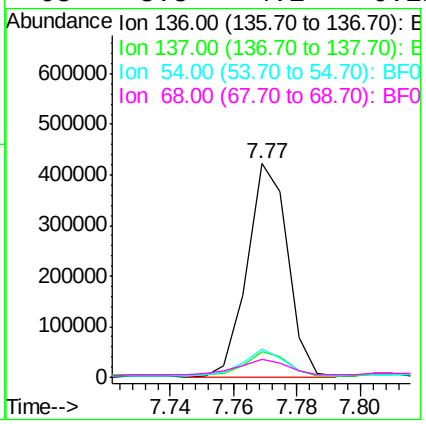


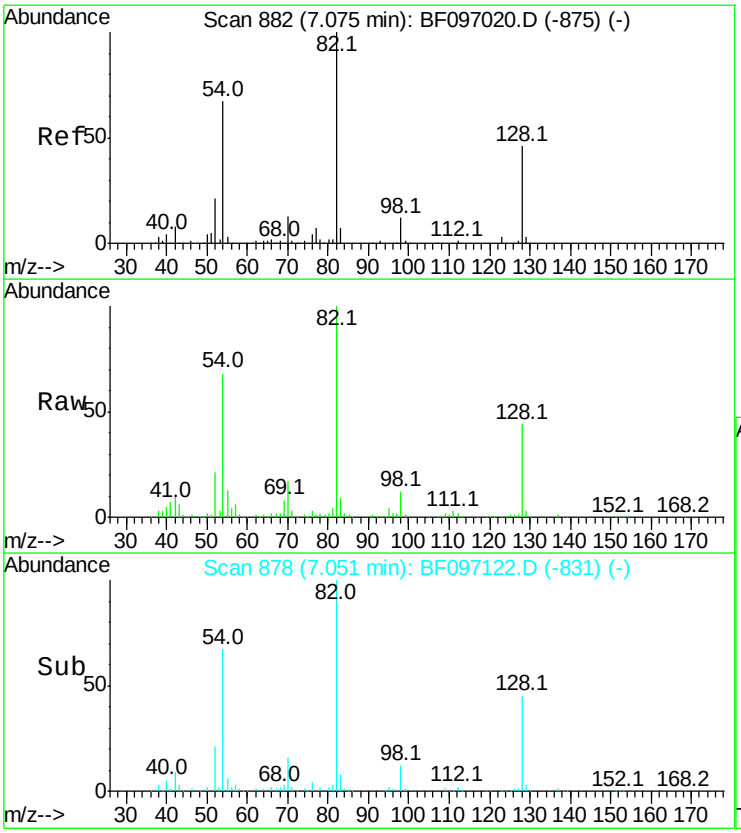
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 7.77 min Scan# 1000
Delta R.T. -0.02 min
Lab File: BF097122.D
Acq: 27 Jul 2017 15:05

Instrument :
BNA_F
ClientSampleId :
E2-M6-ESW

Tgt Ion:136 Resp: 373247

Ion	Ratio	Lower	Upper
136	100		
137	12.2	8.5	12.7
54	13.0	4.9	7.3#
68	8.3	4.1	6.1#

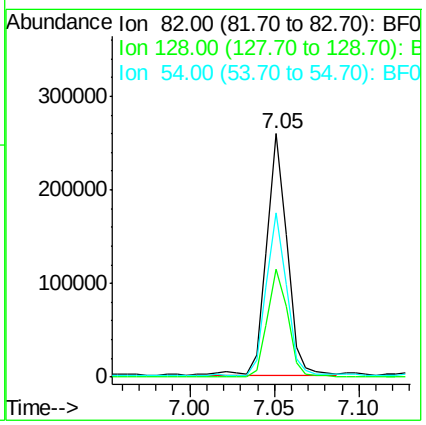


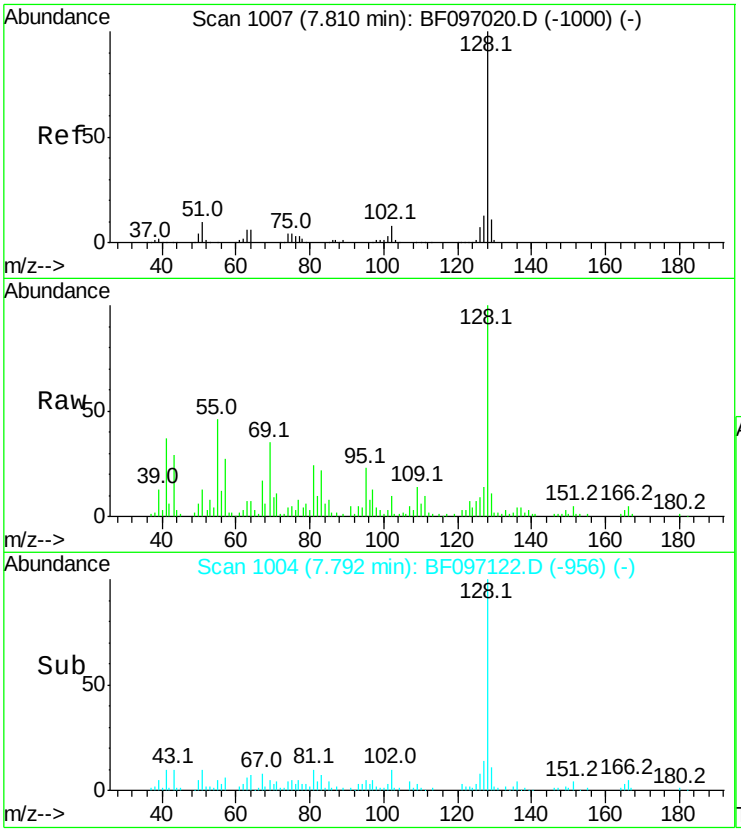


#23
Nitrobenzene-d5
Concen: 34.341 ng
RT: 7.05 min Scan# 878
Delta R.T. -0.02 min
Lab File: BF097122.D
Acq: 27 Jul 2017 15:05

Tgt Ion: 82 Resp: 218490

Ion	Ratio	Lower	Upper
82	100		
128	44.4	34.0	51.0
54	67.6	42.2	63.2#



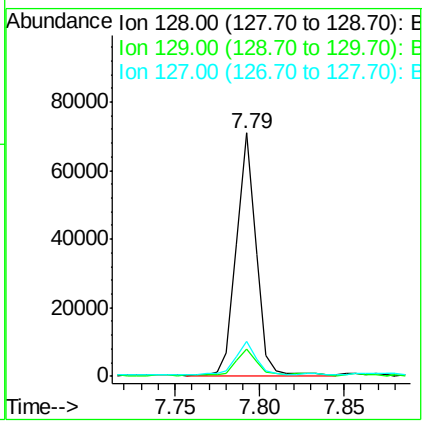


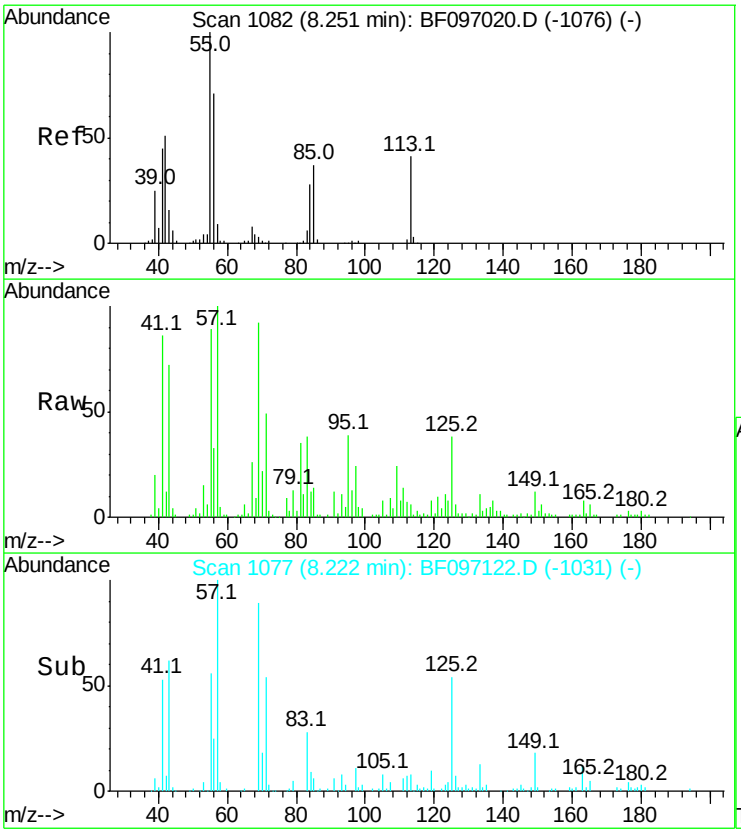
#31
Naphthalene
Concen: 3.253 ng
RT: 7.79 min Scan# 1004
Delta R.T. -0.02 min
Lab File: BF097122.D
Acq: 27 Jul 2017 15:05

Instrument :
BNA_F
ClientSampleId :
E2-M6-ESW

Tgt Ion:128 Resp: 57241

Ion	Ratio	Lower	Upper
128	100		
129	11.2	9.0	13.6
127	14.3	10.8	16.2

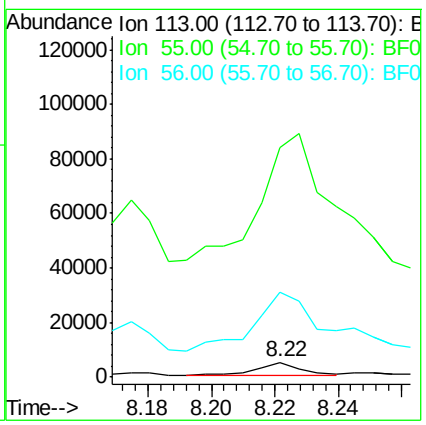


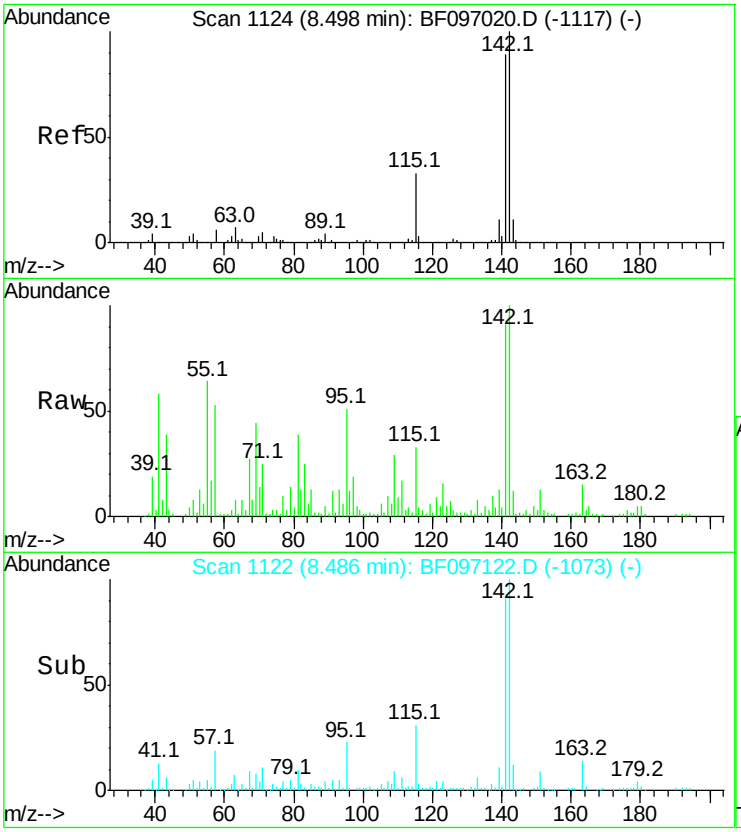


#35
Caprolactam
Concen: 2.618 ng
RT: 8.22 min Scan# 1077
Delta R.T. -0.03 min
Lab File: BF097122.D
Acq: 27 Jul 2017 15:05

Tgt Ion:113 Resp: 4276

Ion	Ratio	Lower	Upper
113	100		
55	1541.4	150.2	190.2#
56	572.2	107.8	147.8#



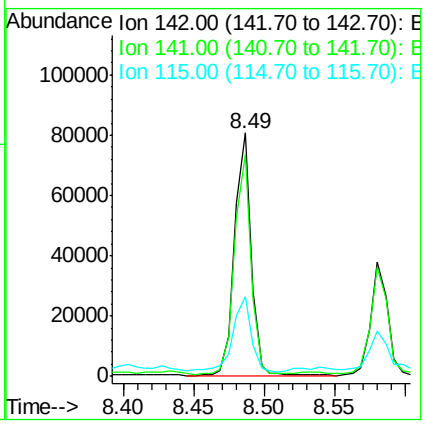


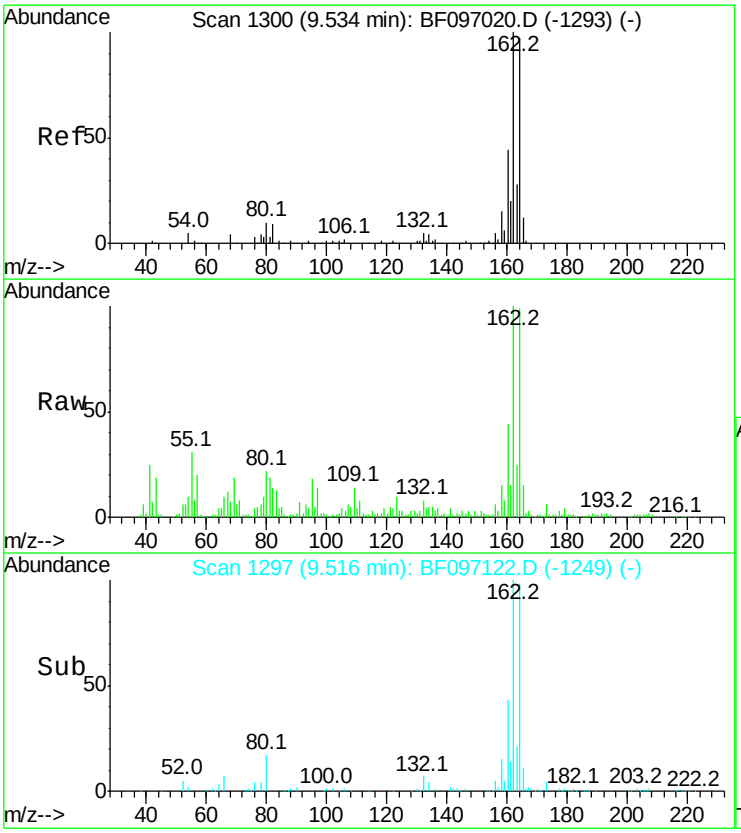
#37
2-Methylnaphthalene
Concen: 6.103 ng
RT: 8.49 min Scan# 1122
Delta R.T. -0.01 min
Lab File: BF097122.D
Acq: 27 Jul 2017 15:05

Instrument :
BNA_F
ClientSampleId :
E2-M6-ESW

Tgt Ion:142 Resp: 67985

Ion	Ratio	Lower	Upper
142	100		
141	91.3	71.3	106.9
115	33.0	27.1	40.7

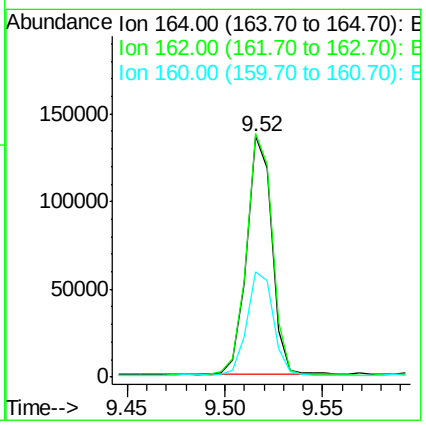


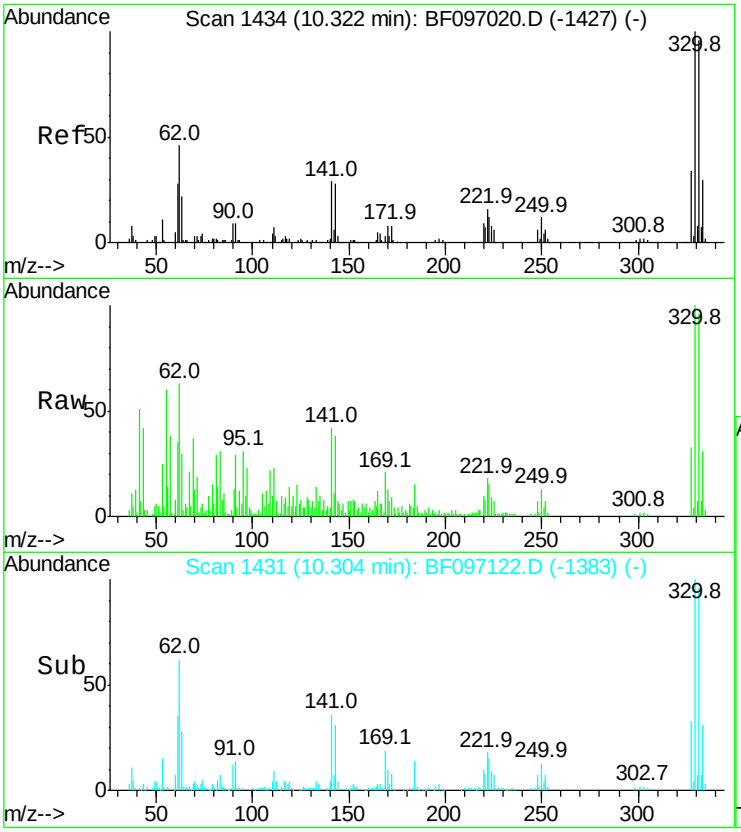


#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.52 min Scan# 1297
Delta R.T. -0.02 min
Lab File: BF097122.D
Acq: 27 Jul 2017 15:05

Tgt Ion:164 Resp: 121799

Ion	Ratio	Lower	Upper
164	100		
162	101.2	82.6	123.8
160	44.0	36.2	54.2



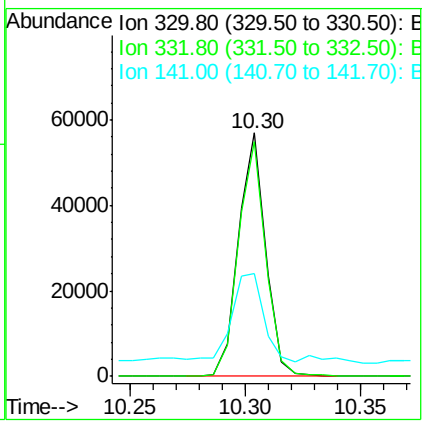


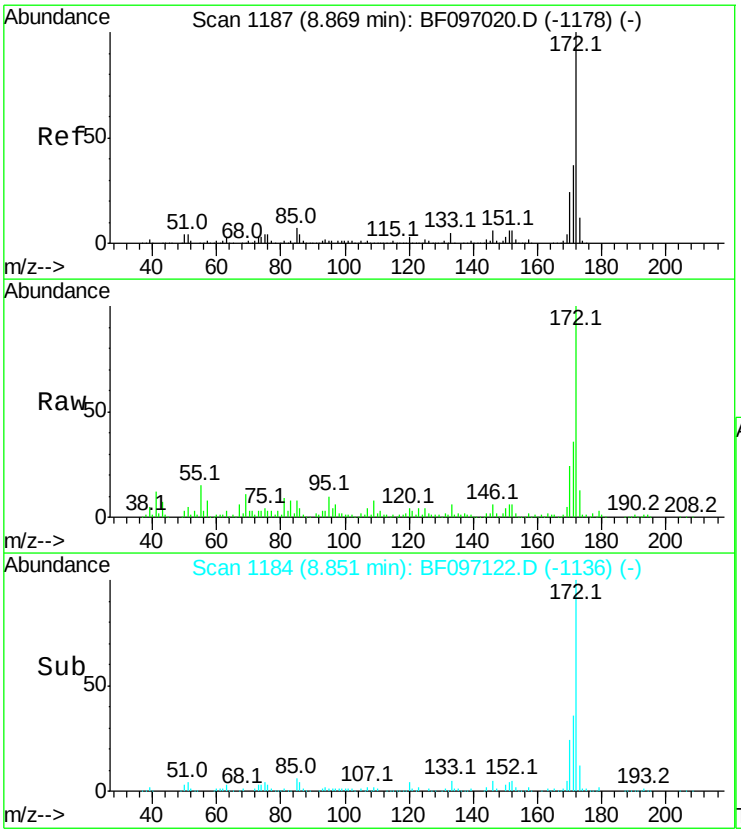
#41
2,4,6-Tribromophenol
Concen: 48.618 ng
RT: 10.30 min Scan# 1431
Delta R.T. -0.02 min
Lab File: BF097122.D
Acq: 27 Jul 2017 15:05

Instrument :
BNA_F
ClientSampleId :
E2-M6-ESW

Tgt Ion:330 Resp: 46787

Ion	Ratio	Lower	Upper
330	100		
332	97.3	76.6	115.0
141	43.5	31.4	47.2

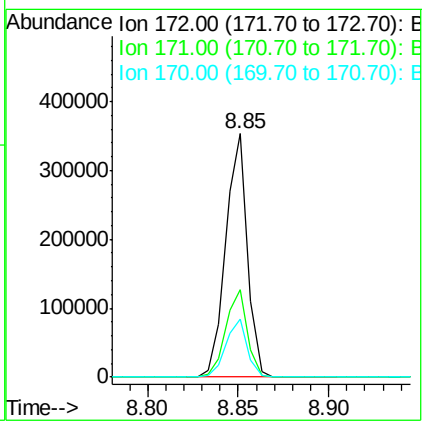


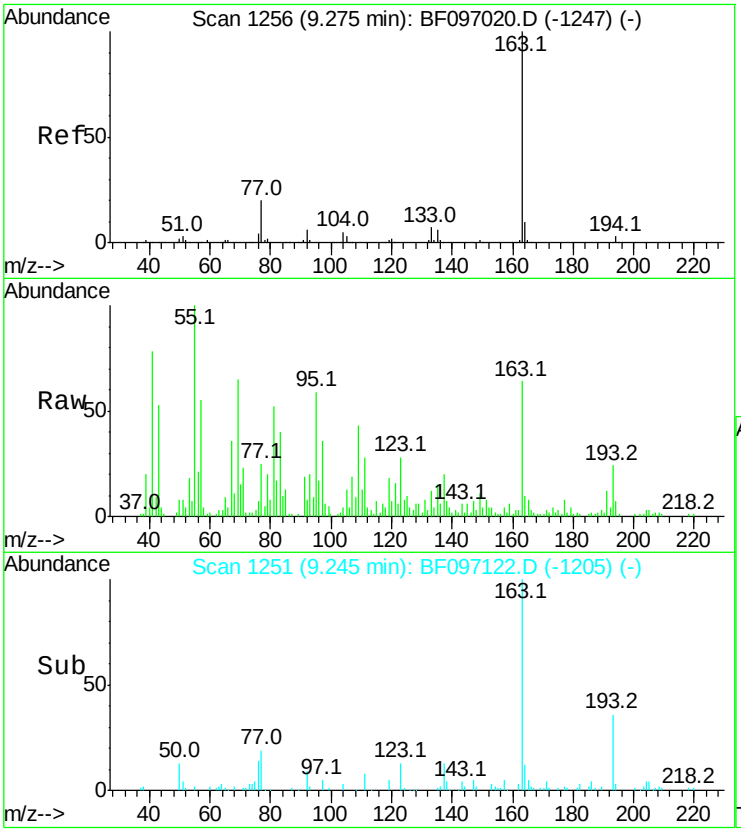


#44
2-Fluorobiphenyl
Concen: 41.042 ng
RT: 8.85 min Scan# 1184
Delta R.T. -0.02 min
Lab File: BF097122.D
Acq: 27 Jul 2017 15:05

Tgt Ion:172 Resp: 294556

Ion	Ratio	Lower	Upper
172	100		
171	35.7	29.6	44.4
170	23.9	19.8	29.8



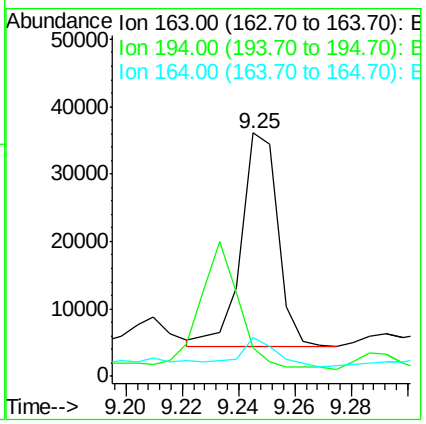


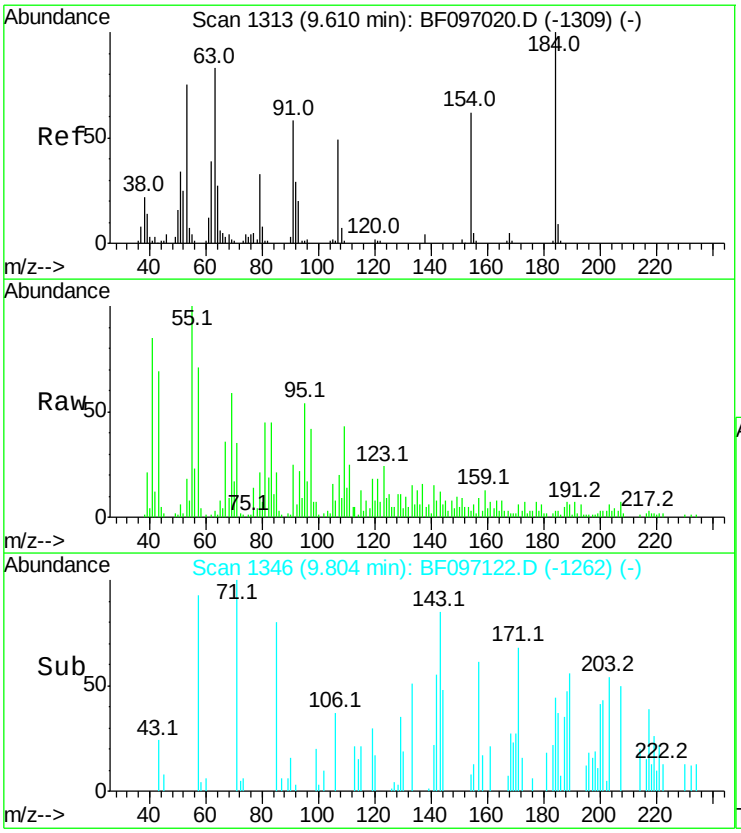
#49
Dimethylphthalate
Concen: 3.058 ng
RT: 9.25 min Scan# 1251
Delta R.T. -0.03 min
Lab File: BF097122.D
Acq: 27 Jul 2017 15:05

Instrument :
BNA_F
ClientSampleId :
E2-M6-ESW

Tgt Ion:163 Resp: 28285

Ion	Ratio	Lower	Upper
163	100		
194	11.6	2.6	4.0#
164	15.9	8.4	12.6#

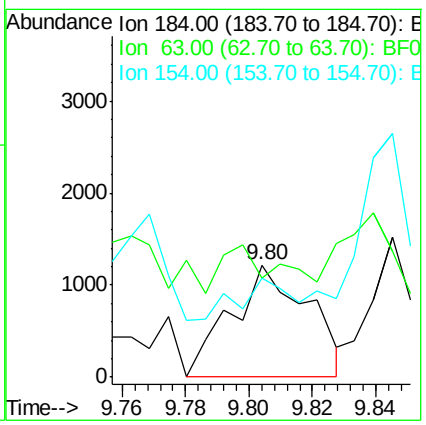


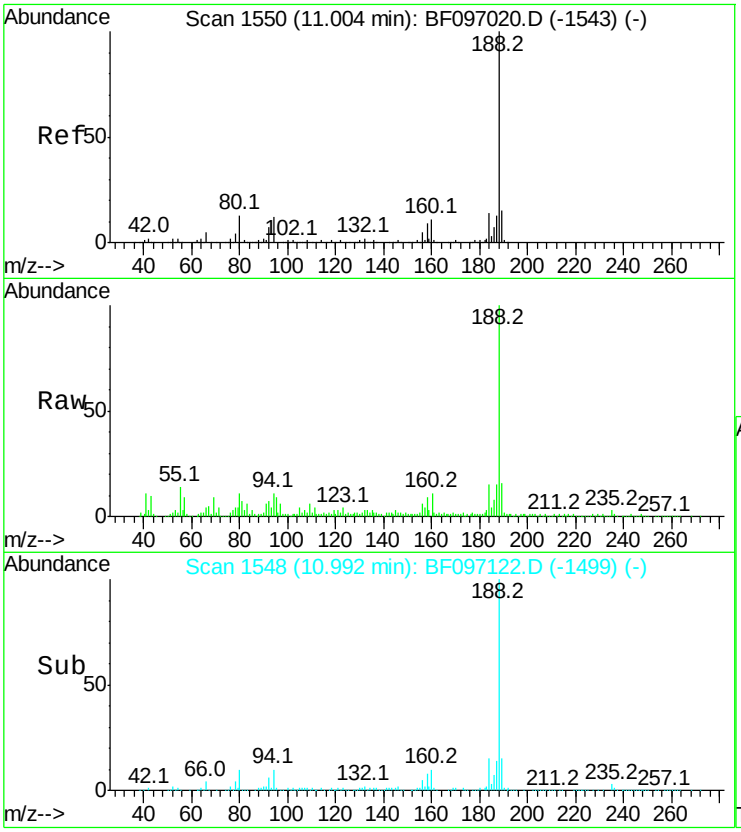


#53
2,4-Dinitrophenol
Concen: 2.313 ng
RT: 9.80 min Scan# 1346
Delta R.T. 0.19 min
Lab File: BF097122.D
Acq: 27 Jul 2017 15:05

Tgt Ion:184 Resp: 2063

Ion	Ratio	Lower	Upper
184	100		
63	88.3	62.7	94.1
154	88.1	81.1	121.7



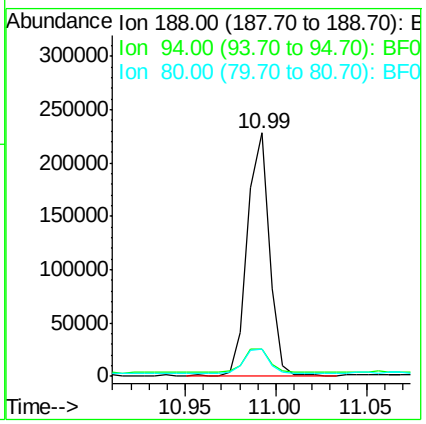


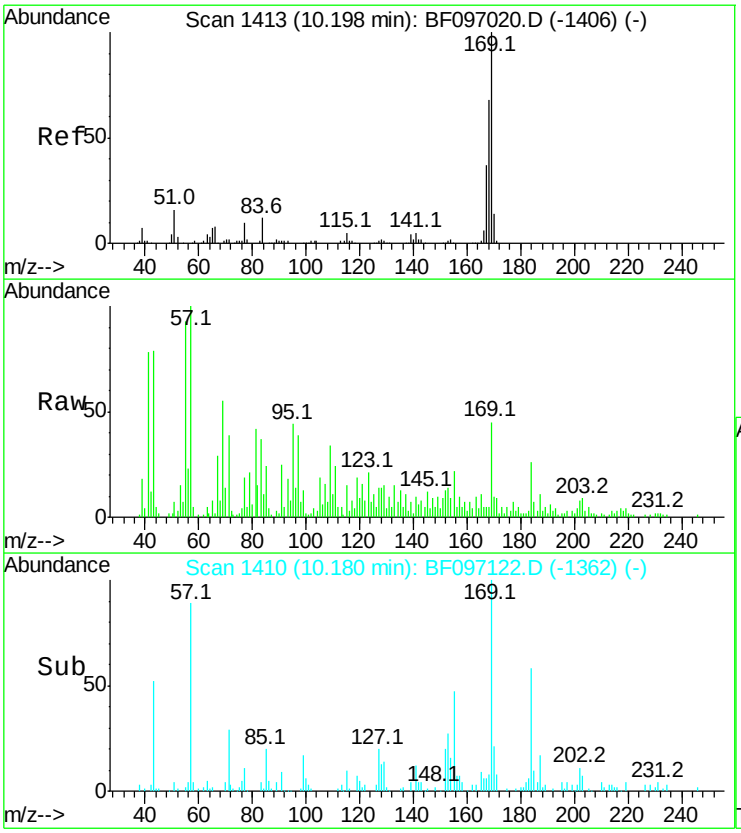
#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 10.99 min Scan# 1548
Delta R.T. -0.01 min
Lab File: BF097122.D
Acq: 27 Jul 2017 15:05

Instrument :
BNA_F
ClientSampleId :
E2-M6-ESW

Tgt Ion:188 Resp: 190788

Ion	Ratio	Lower	Upper
188	100		
94	11.1	9.4	14.2
80	11.3	10.2	15.2

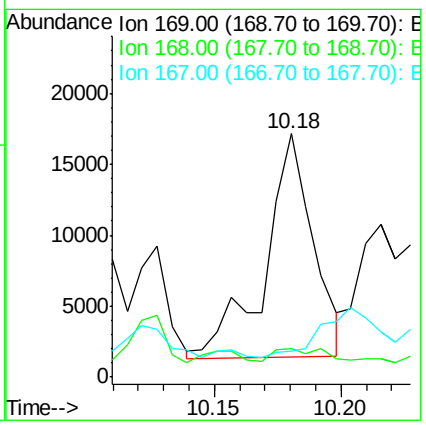


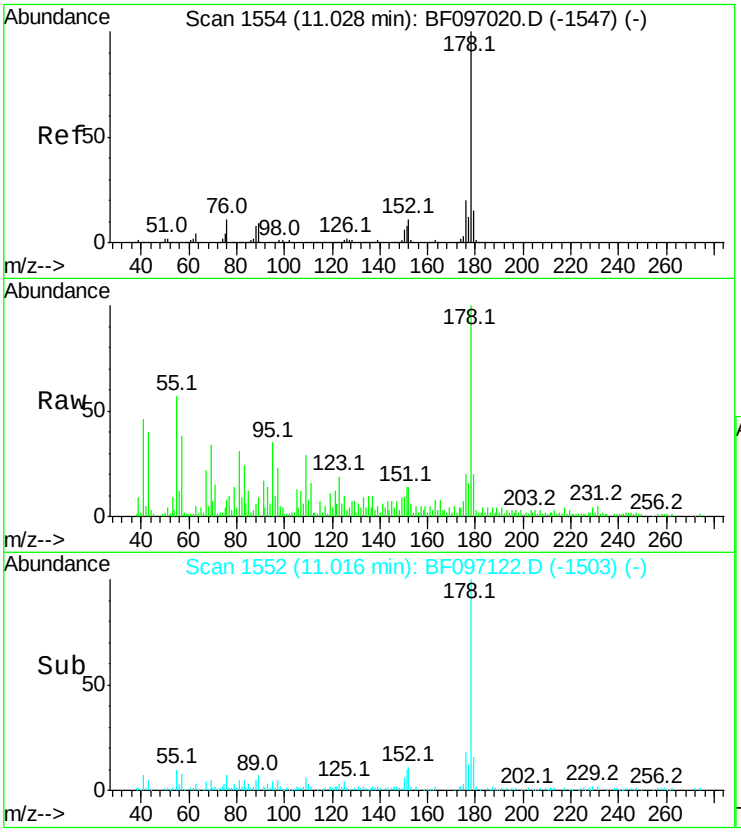


#65
n-Nitrosodiphenylamine
Concen: 3.145 ng
RT: 10.18 min Scan# 1410
Delta R.T. -0.02 min
Lab File: BF097122.D
Acq: 27 Jul 2017 15:05

Tgt Ion:169 Resp: 20880

Ion	Ratio	Lower	Upper
169	100		
168	11.5	53.2	79.8#
167	10.9	29.5	44.3#



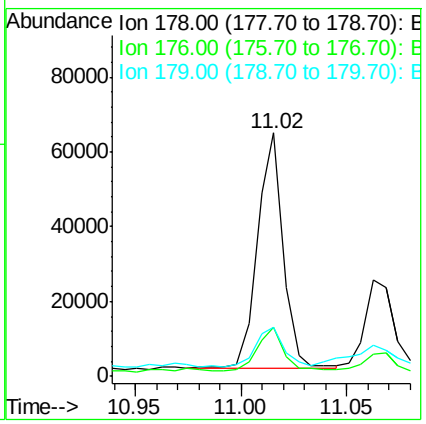


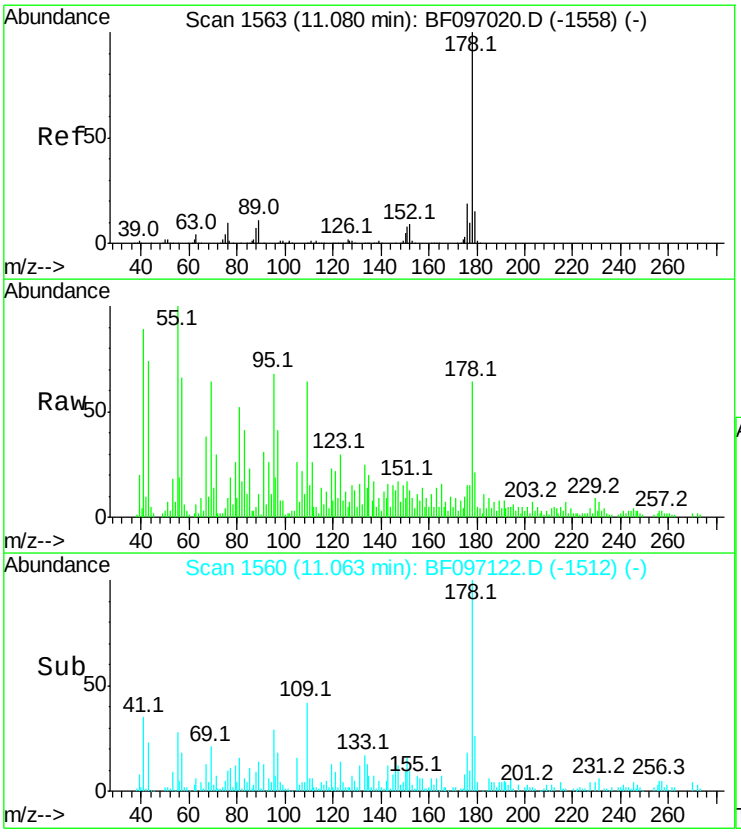
#70
Phenanthrene
Concen: 5.265 ng
RT: 11.02 min Scan# 1552
Delta R.T. -0.01 min
Lab File: BF097122.D
Acq: 27 Jul 2017 15:05

Instrument :
BNA_F
ClientSampleId :
E2-M6-ESW

Tgt Ion:178 Resp: 53820

Ion	Ratio	Lower	Upper
178	100		
176	20.1	16.2	24.4
179	20.0	12.6	19.0#

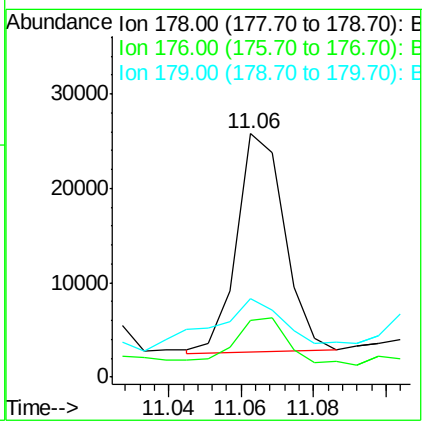


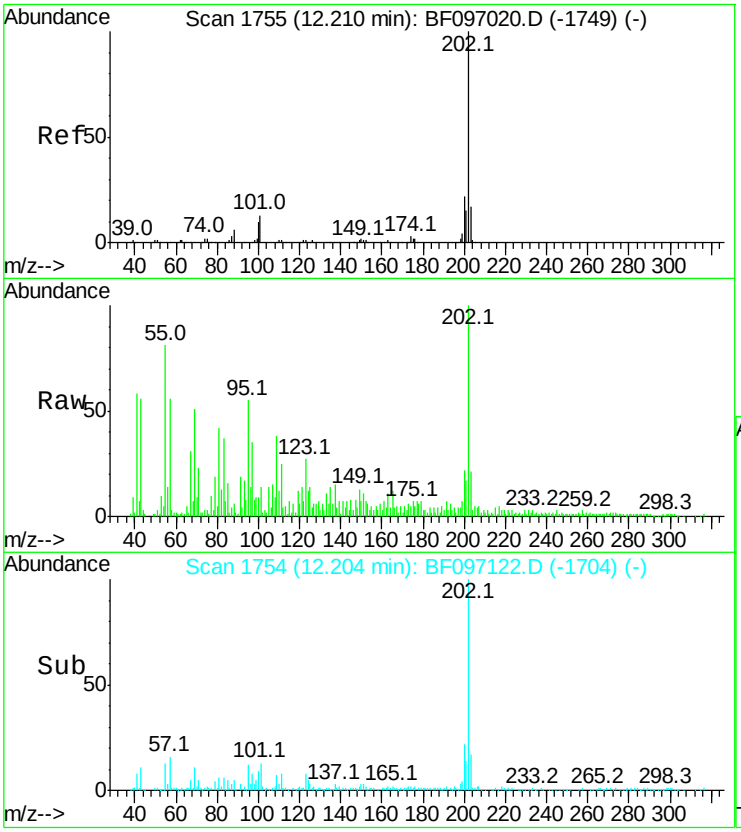


#71
Anthracene
Concen: 2.018 ng
RT: 11.06 min Scan# 1560
Delta R.T. -0.02 min
Lab File: BF097122.D
Acq: 27 Jul 2017 15:05

Tgt Ion:178 Resp: 21133

Ion	Ratio	Lower	Upper
178	100		
176	23.3	15.8	23.8
179	32.2	12.7	19.1#



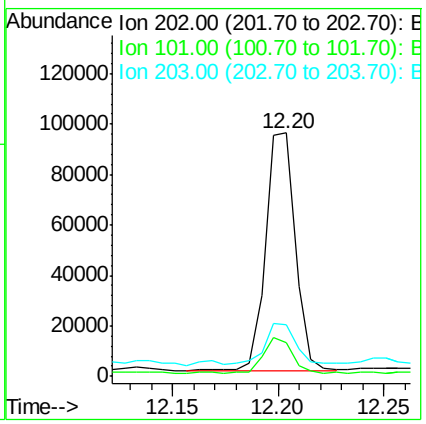


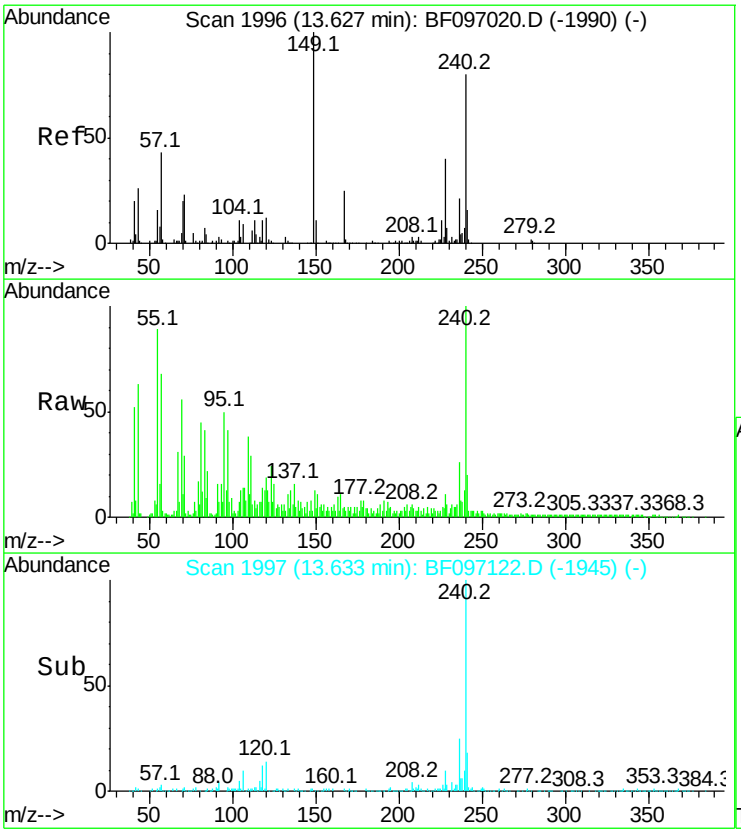
#74
Fluoranthene
Concen: 9.221 ng
RT: 12.20 min Scan# 1754
Delta R.T. -0.01 min
Lab File: BF097122.D
Acq: 27 Jul 2017 15:05

Instrument :
BNA_F
ClientSampleId :
E2-M6-ESW

Tgt Ion:202 Resp: 92345

Ion	Ratio	Lower	Upper
202	100		
101	13.6	0.0	33.2
203	21.1	0.0	38.1

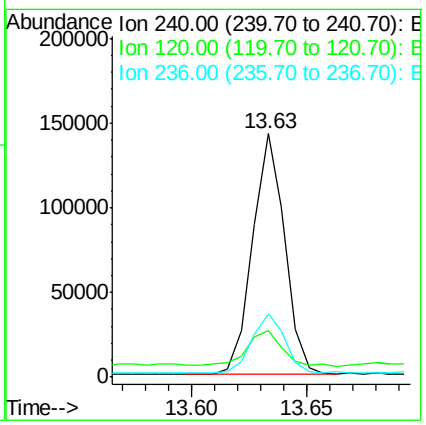


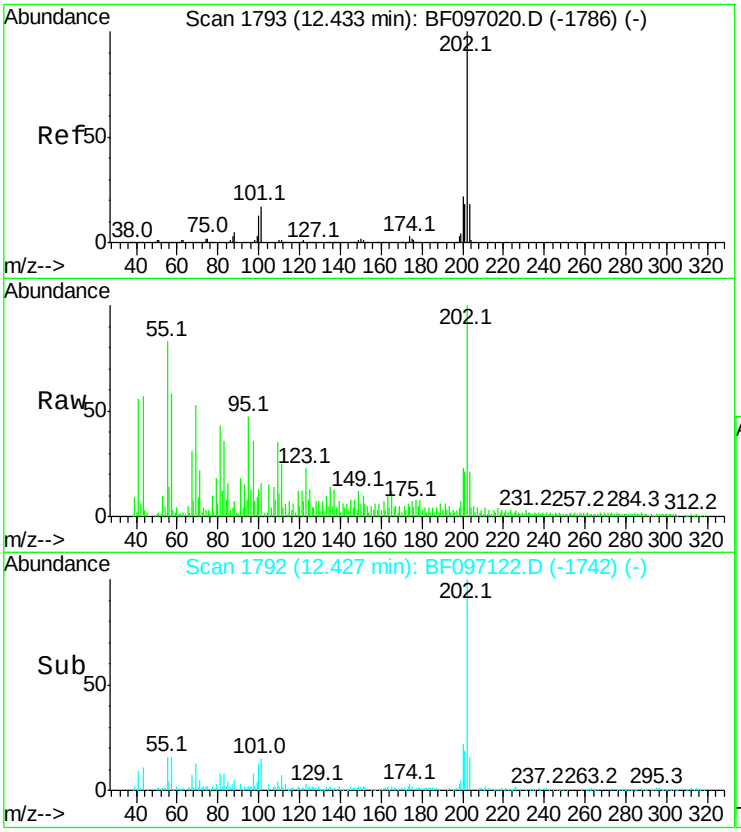


#75
Chrysene-d12
Concen: 20.000 ng
RT: 13.63 min Scan# 1997
Delta R.T. 0.01 min
Lab File: BF097122.D
Acq: 27 Jul 2017 15:05

Tgt Ion:240 Resp: 137895

Ion	Ratio	Lower	Upper
240	100		
120	19.1	5.8	8.8#
236	26.1	20.5	30.7



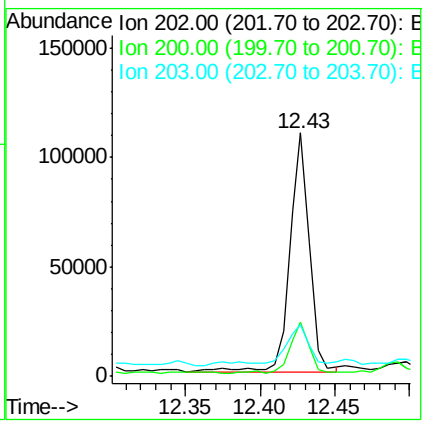


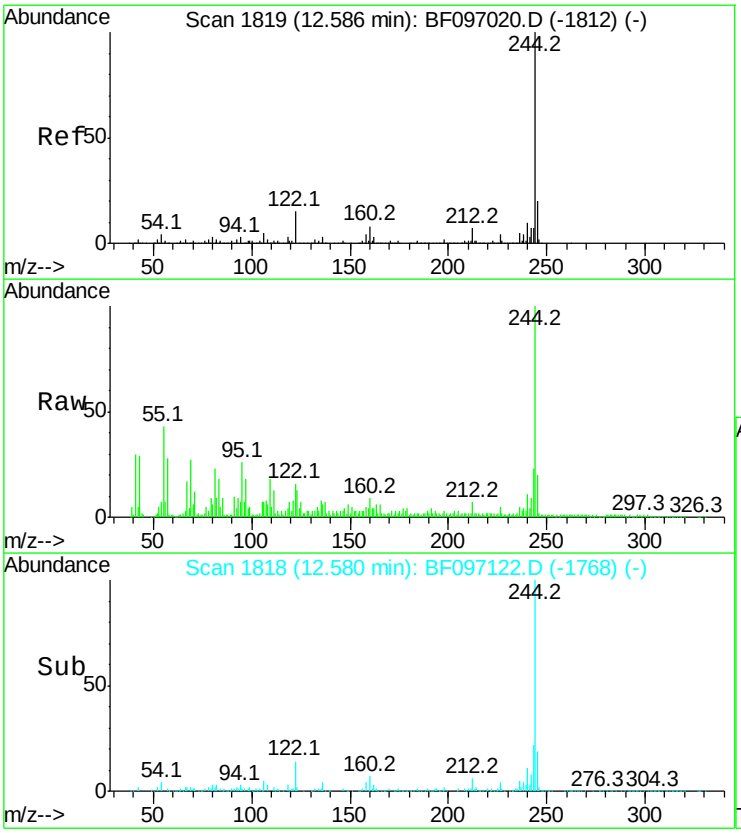
#77
Pyrene
Concen: 8.882 ng
RT: 12.43 min Scan# 1792
Delta R.T. -0.01 min
Lab File: BF097122.D
Acq: 27 Jul 2017 15:05

Instrument :
BNA_F
ClientSampleId :
E2-M6-ESW

Tgt Ion:202 Resp: 100270

Ion	Ratio	Lower	Upper
202	100		
200	22.5	17.6	26.4
203	21.1	14.4	21.6

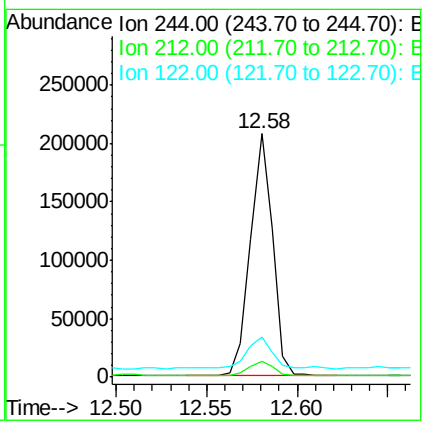


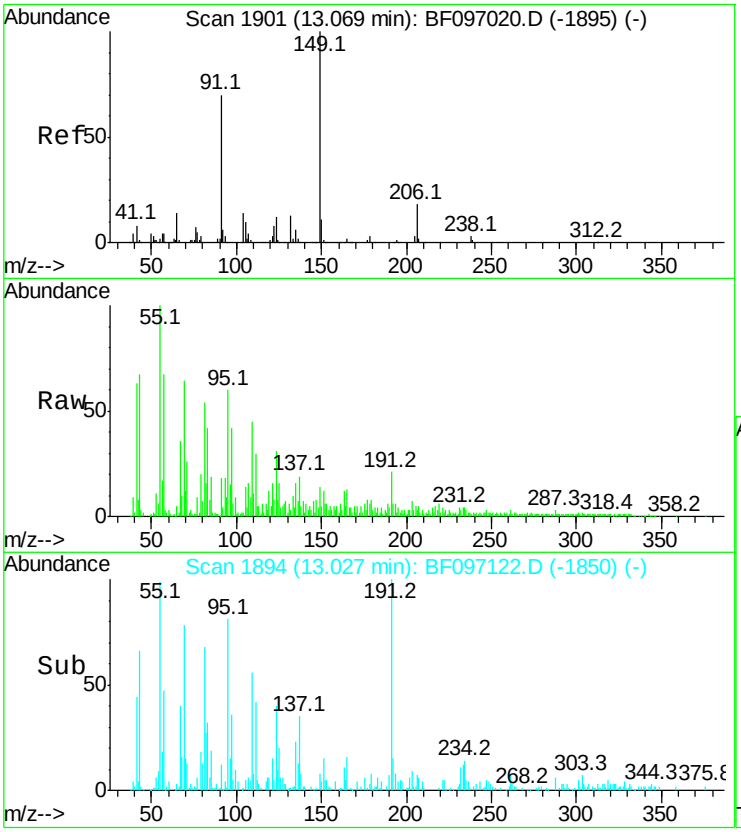


#78
Terphenyl-d14
Concen: 26.189 ng
RT: 12.58 min Scan# 1818
Delta R.T. -0.01 min
Lab File: BF097122.D
Acq: 27 Jul 2017 15:05

Tgt Ion:244 Resp: 177127

Ion	Ratio	Lower	Upper
244	100		
212	6.5	6.0	9.0
122	16.4	10.3	15.5#



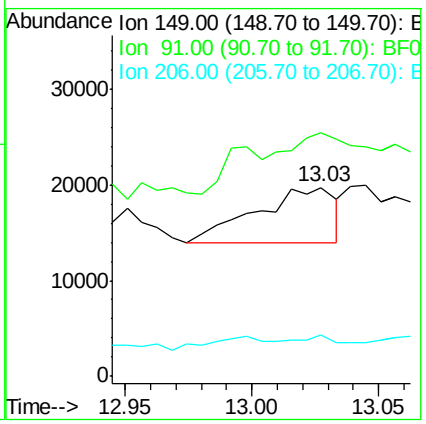


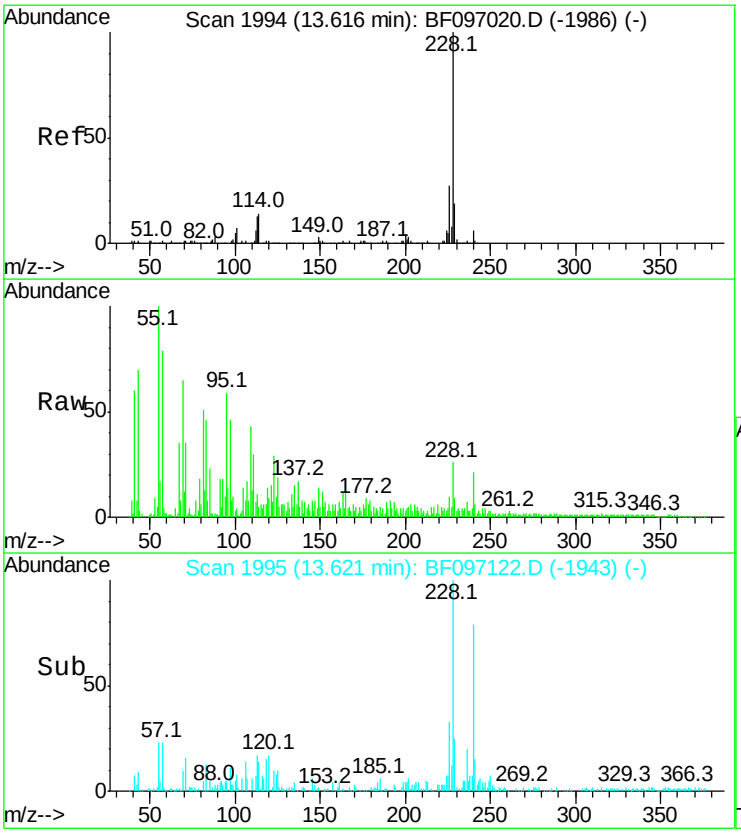
#79
Butylbenzylphthalate
Concen: 2.197 ng
RT: 13.03 min Scan# 1894
Delta R.T. -0.04 min
Lab File: BF097122.D
Acq: 27 Jul 2017 15:05

Instrument :
BNA_F
ClientSampleId :
E2-M6-ESW

Tgt Ion:149 Resp: 12614

Ion	Ratio	Lower	Upper
149	100		
91	128.9	45.0	67.4#
206	22.2	17.0	25.6

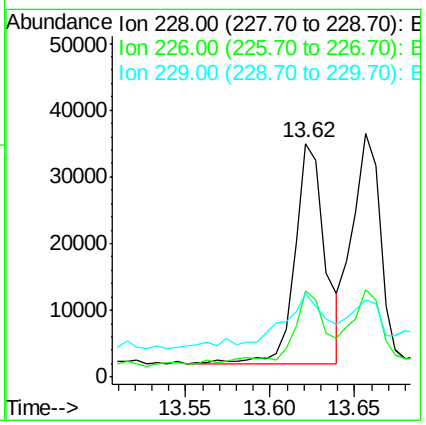


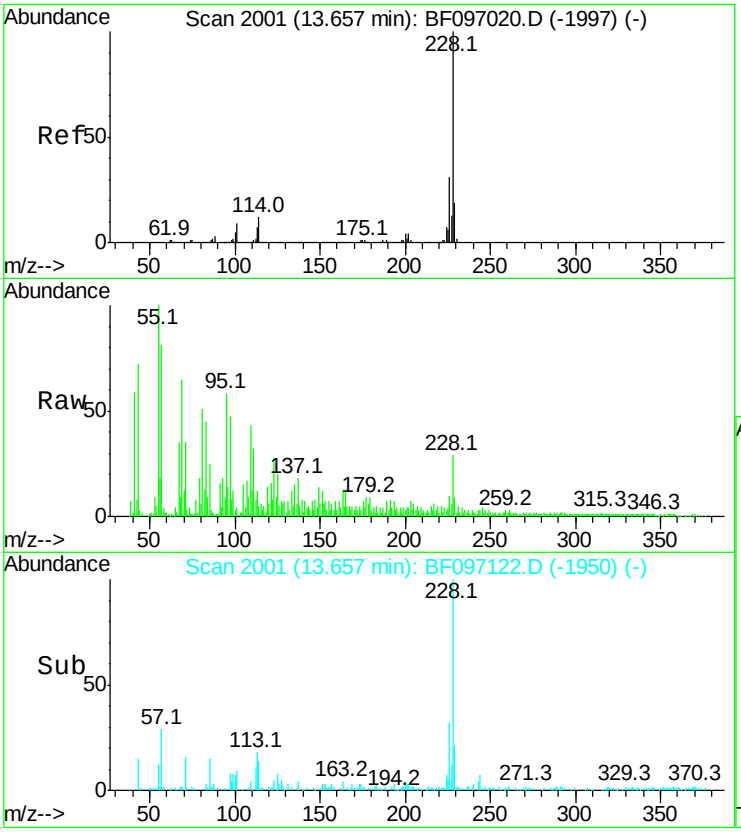


#80
Benzo(a)anthracene
Concen: 4.594 ng
RT: 13.62 min Scan# 1995
Delta R.T. 0.01 min
Lab File: BF097122.D
Acq: 27 Jul 2017 15:05

Tgt Ion:228 Resp: 40990

Ion	Ratio	Lower	Upper
228	100		
226	37.0	22.6	33.8#
229	35.9	16.3	24.5#



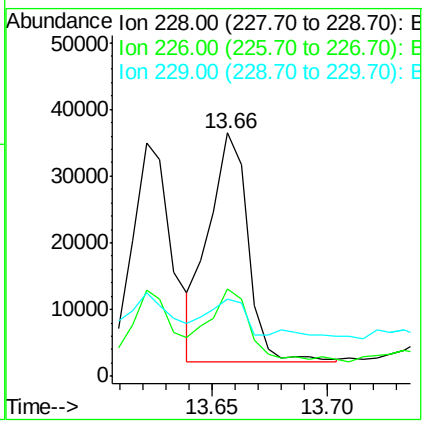


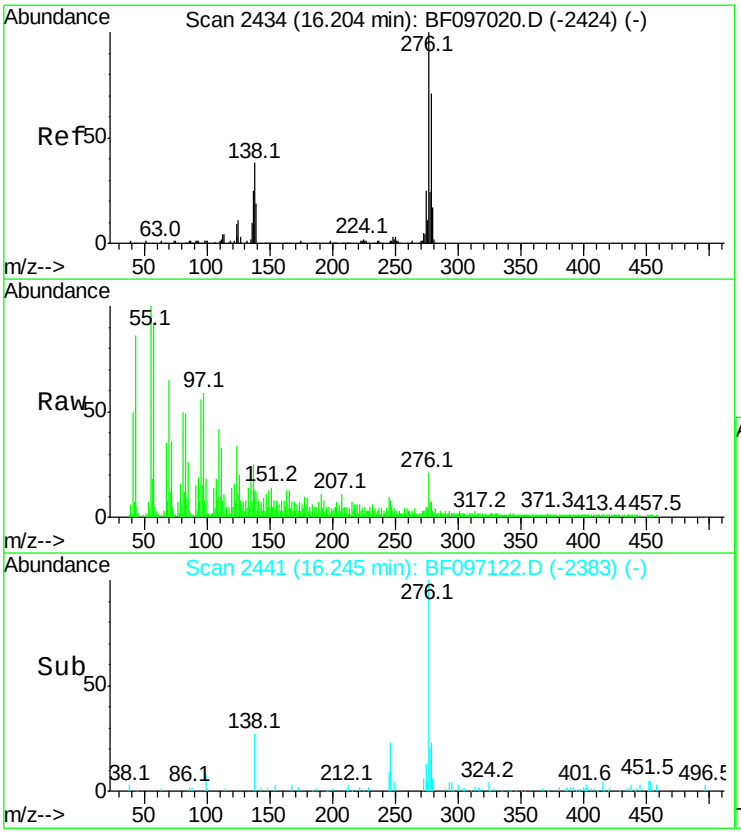
#82
Chrysene
Concen: 4.626 ng
RT: 13.66 min Scan# 2001
Delta R.T. -0.00 min
Lab File: BF097122.D
Acq: 27 Jul 2017 15:05

Instrument :
BNA_F
ClientSampleId :
E2-M6-ESW

Tgt Ion:228 Resp: 40301

Ion	Ratio	Lower	Upper
228	100		
226	35.8	24.9	37.3
229	31.9	15.8	23.6#

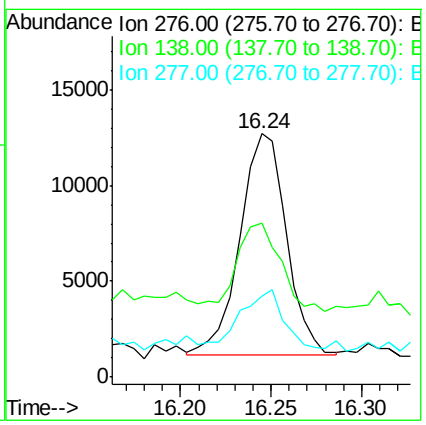


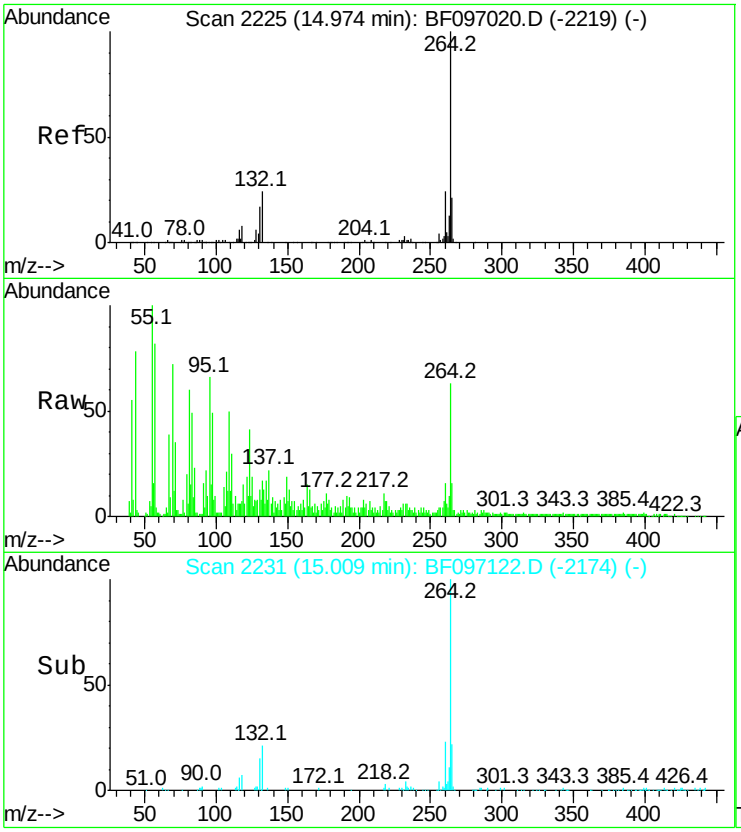


#85
Indeno(1,2,3-cd)pyrene
Concen: 2.778 ng
RT: 16.24 min Scan# 2441
Delta R.T. 0.04 min
Lab File: BF097122.D
Acq: 27 Jul 2017 15:05

Tgt Ion:276 Resp: 20753

Ion	Ratio	Lower	Upper
276	100		
138	37.4	27.8	41.6
277	23.6	20.2	30.4



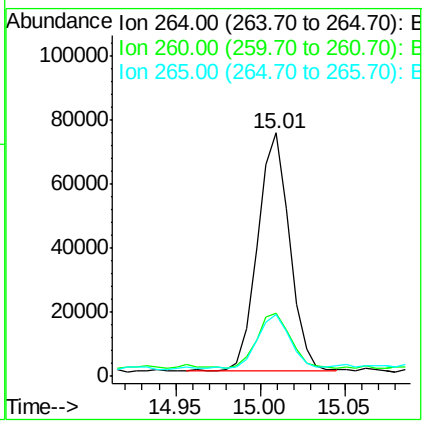


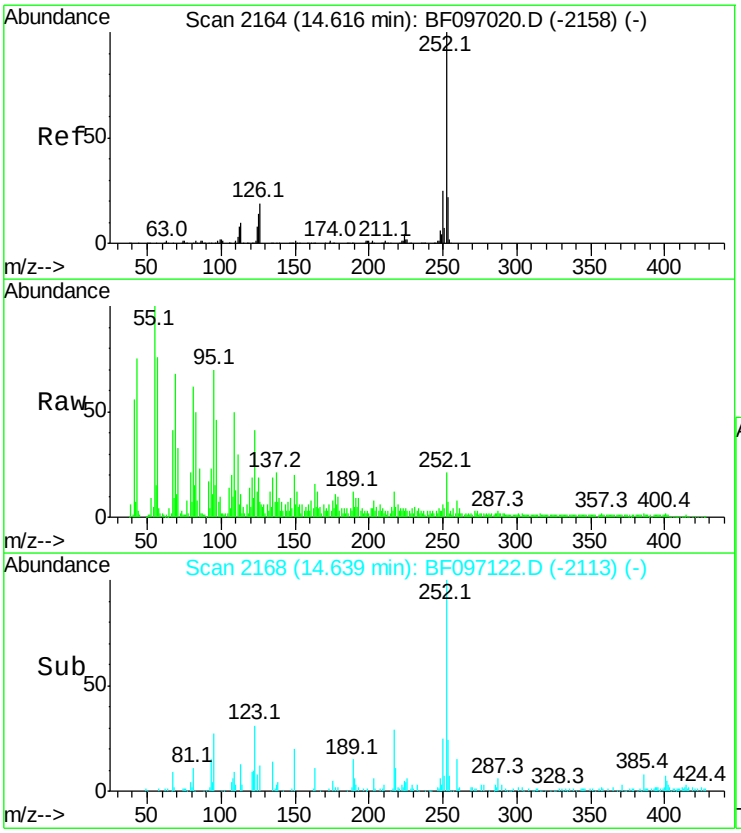
#86
Perylene-d12
Concen: 20.000 ng
RT: 15.01 min Scan# 2231
Delta R.T. 0.04 min
Lab File: BF097122.D
Acq: 27 Jul 2017 15:05

Instrument :
BNA_F
ClientSampleId :
E2-M6-ESW

Tgt Ion:264 Resp: 97397

Ion	Ratio	Lower	Upper
264	100		
260	26.1	19.5	29.3
265	25.3	17.2	25.8

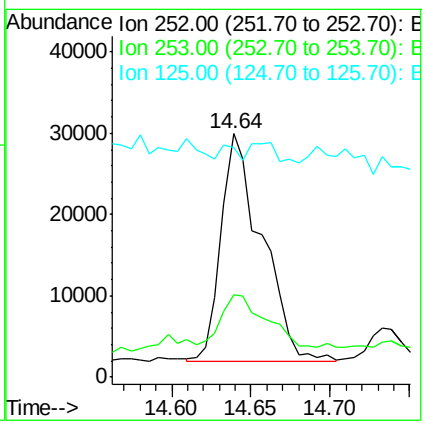


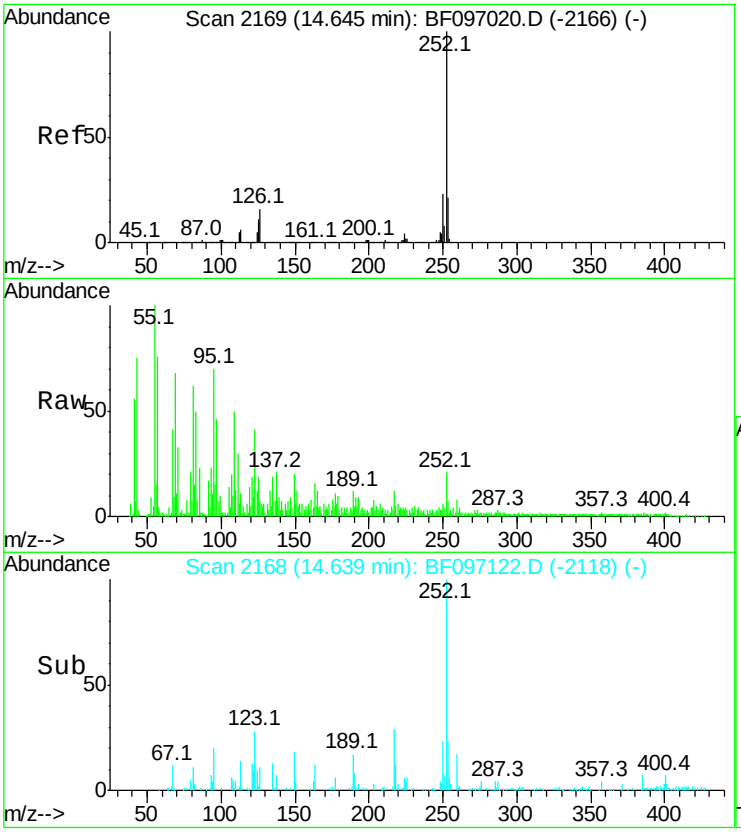


#87
Benzo(b)fluoranthene
Concen: 8.560 ng
RT: 14.64 min Scan# 2168
Delta R.T. 0.02 min
Lab File: BF097122.D
Acq: 27 Jul 2017 15:05

Tgt Ion:252 Resp: 50116

Ion	Ratio	Lower	Upper
252	100		
253	33.6	18.1	27.1#
125	94.2	9.8	14.8#



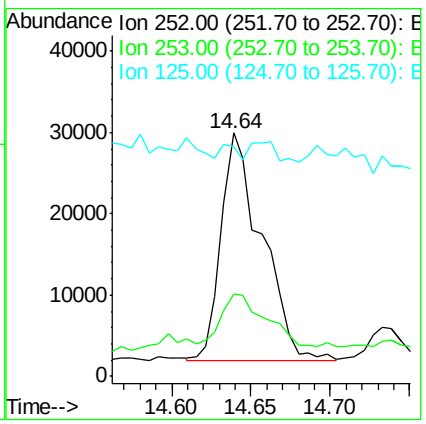


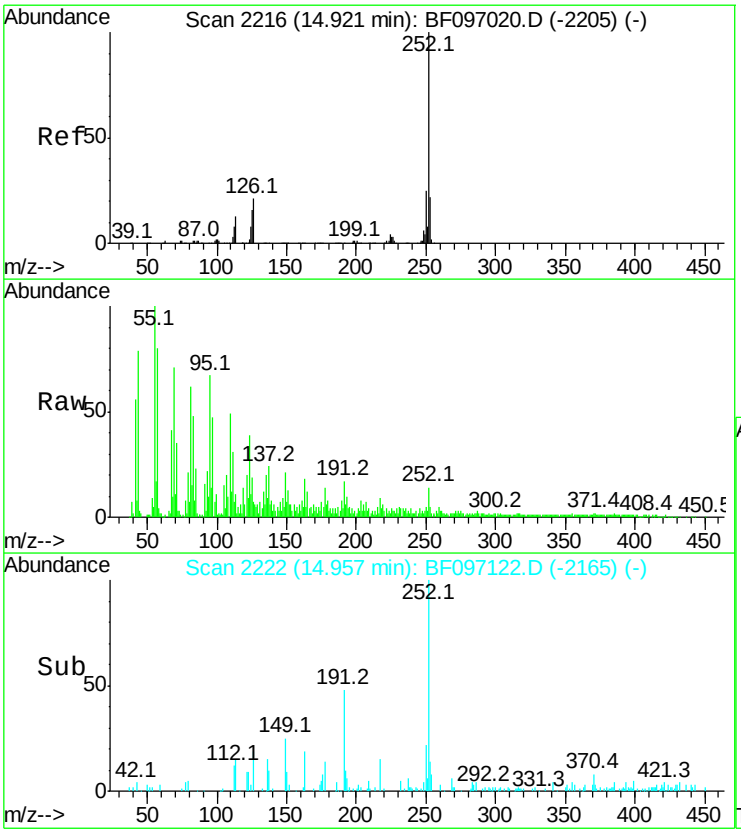
#88
Benzo(k)fluoranthene
Concen: 8.983 ng
RT: 14.64 min Scan# 2168
Delta R.T. -0.01 min
Lab File: BF097122.D
Acq: 27 Jul 2017 15:05

Instrument :
BNA_F
ClientSampleId :
E2-M6-ESW

Tgt Ion:252 Resp: 50116

Ion	Ratio	Lower	Upper
252	100		
253	33.6	18.4	27.6#
125	94.2	13.1	19.7#

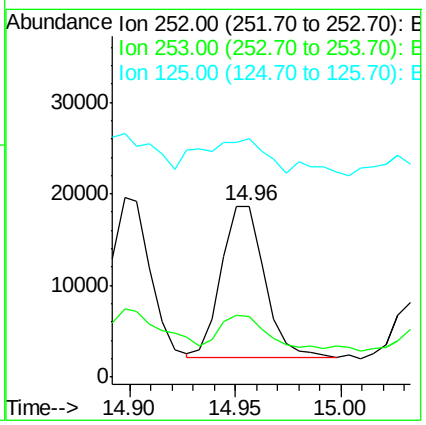


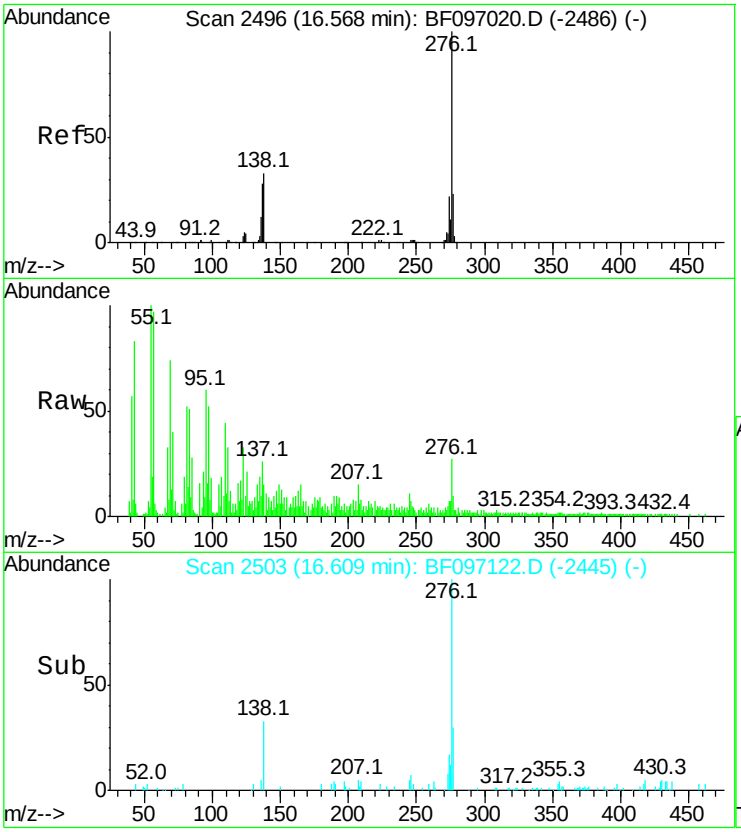


#89
Benzo(a)pyrene
Concen: 4.375 ng
RT: 14.96 min Scan# 2222
Delta R.T. 0.04 min
Lab File: BF097122.D
Acq: 27 Jul 2017 15:05

Tgt Ion:252 Resp: 23442

Ion	Ratio	Lower	Upper
252	100		
253	35.8	17.5	26.3#
125	139.9	11.0	16.4#





#91
Benzo(g,h,i)perylene
Concen: 5.317 ng
RT: 16.61 min Scan# 2503
Delta R.T. 0.04 min
Lab File: BF097122.D
Acq: 27 Jul 2017 15:05

Instrument :
BNA_F
ClientSampleId :
E2-M6-ESW

Tgt Ion:276 Resp: 24503

Ion	Ratio	Lower	Upper
276	100		
277	36.5	18.6	28.0#
138	54.9	25.4	38.0#