Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF081717\
Data File : BF097832.D
Acq On : 18 Aug 2017 13:32
Operator : SJ/JU
Sample : I4820-09
Misc :
ALS Vial : 46 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : E2-I8-WSW

Quant Time: Aug 18 14:22:45 2017
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF081517.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Aug 15 13:25:08 2017
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.77	152	130281	20.00	ng		-0.01
21) Naphthalene-d8	8.06	136	466070	20.00	ng		-0.01
38) Acenaphthene-d10	9.81	164	168377	20.00	ng		-0.01
63) Phenanthrene-d10	11.30	188	288296	20.00	ng		0.00
75) Chrysene-d12	13.93	240	254441	20.00	ng		0.00
86) Perylene-d12	15.36	264	173461	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.39	112	992438	115.87	ng		0.00
7) Phenol-d6	6.41	99	1316443	113.12	ng		0.00
23) Nitrobenzene-d5	7.34	82	758607	88.42	ng		-0.01
41) 2,4,6-Tribromophenol	10.60	330	155445	106.40	ng		-0.01
44) 2-Fluorobiphenyl	9.14	172	950261	82.92	ng		0.00
78) Terphenyl-d14	12.89	244	697089	57.13	ng		0.00
Target Compounds							Qvalue
14) 1,2-Dichlorobenzene	6.95	146	20418	2.241	ng		92
19) n-Nitroso-di-n-propylamine	7.34	70	102713	12.893	ng	#	72
25) Isophorone	7.34	82	756060	42.381	ng	#	67
31) Naphthalene	8.08	128	102869	4.251	ng		98
32) Benzoic acid	7.83	122	966	6.559	ng	#	1
37) 2-Methylnaphthalene	8.77	142	94056	6.340	ng		98
49) Dimethylphthalate	9.53	163	141771	11.519	ng		99
51) Acenaphthene	9.85	154	41533	3.696	ng		96
53) 2,4-Dinitrophenol	10.10	184	120	10.231	ng	#	4
54) Dibenzofuran	10.02	168	35466	2.355	ng	#	90
57) Fluorene	10.36	166	45357	3.896	ng		95
64) 4,6-Dinitro-2-methylphenol	10.40	198	131	8.400	ng	#	1
66) 4-Bromophenyl-phenylether	10.60	248	10422	3.481	ng	#	1
70) Phenanthrene	11.32	178	267657	17.423	ng		99
71) Anthracene	11.37	178	87023	5.585	ng		99
74) Fluoranthene	12.51	202	442979	27.626	ng		98
77) Pyrene	12.73	202	408623	19.636	ng		99
80) Benzo(a)anthracene	13.92	228	232580	15.251	ng		96
82) Chrysene	13.96	228	196763	12.971	ng		98
87) Benzo(b)fluoranthene	14.95	252	317546	29.043	ng		99
88) Benzo(k)fluoranthene	15.06	252	44383	4.321	ng		96
89) Benzo(a)pyrene	15.30	252	178878	18.480	ng		97
90) Dibenzo(a,h)anthracene	16.93	278	23652	3.001	ng		92
91) Benzo(g,h,i)perylene	17.18	276	86379	10.505	ng	#	93

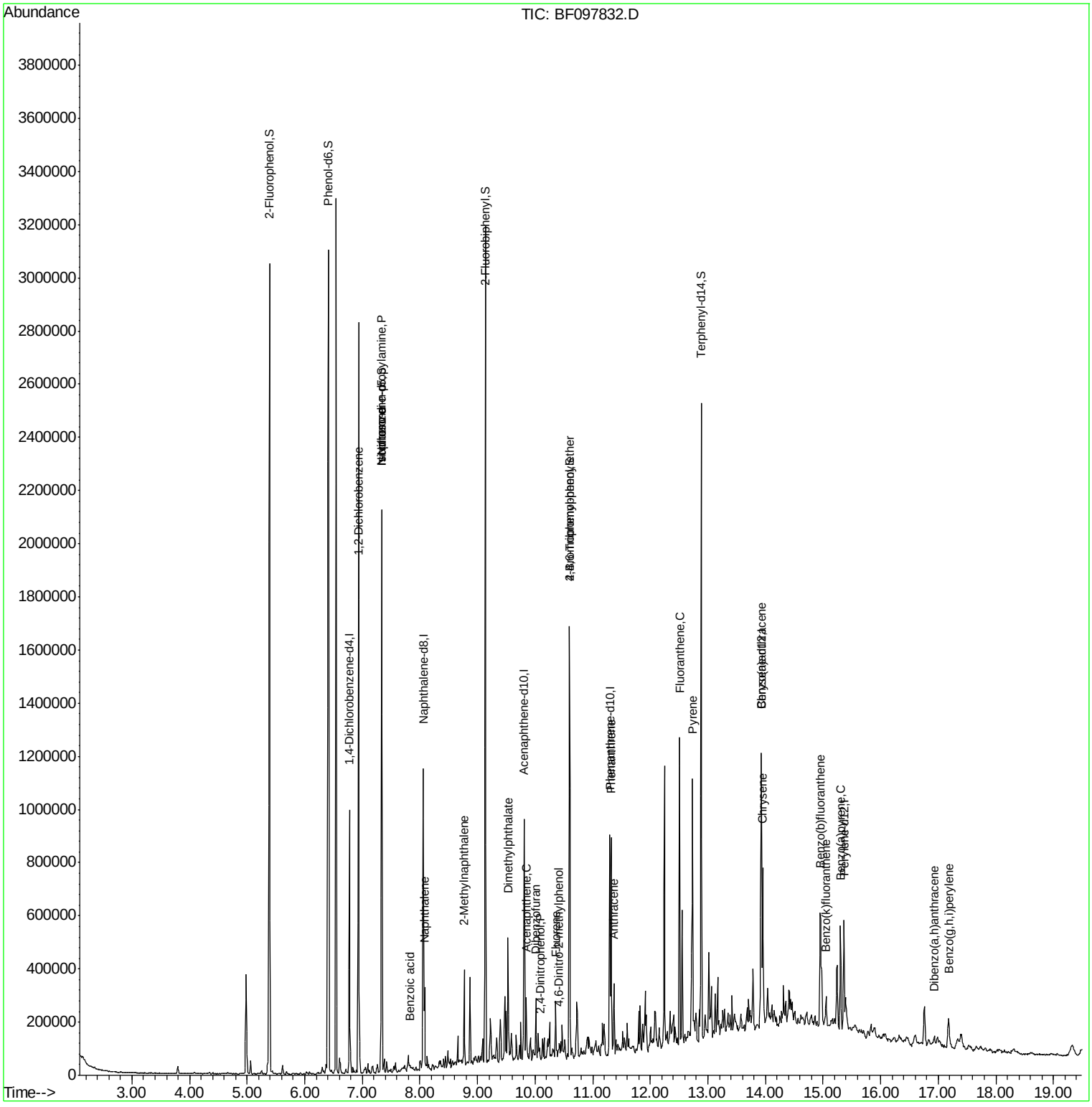
(#) = qualifier out of range (m) = manual integration (+) = signals summed

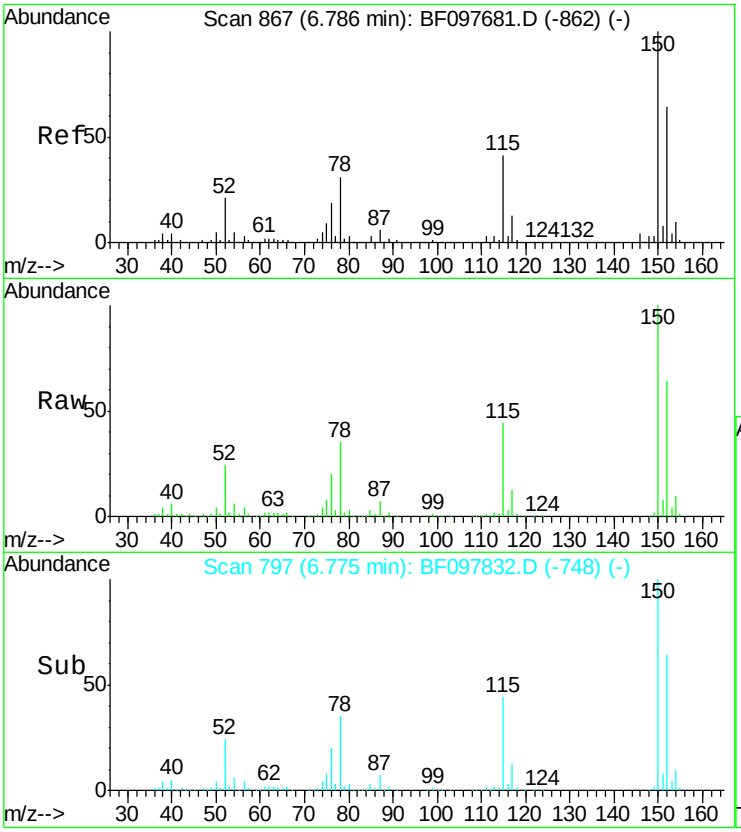
Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF081717\
Data File : BF097832.D
Acq On : 18 Aug 2017 13:32
Operator : SJ/JU
Sample : I4820-09
Misc :
ALS Vial : 46 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
E2-I8-WSW

Quant Time: Aug 18 14:22:45 2017
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF081517.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Aug 15 13:25:08 2017
Response via : Initial Calibration



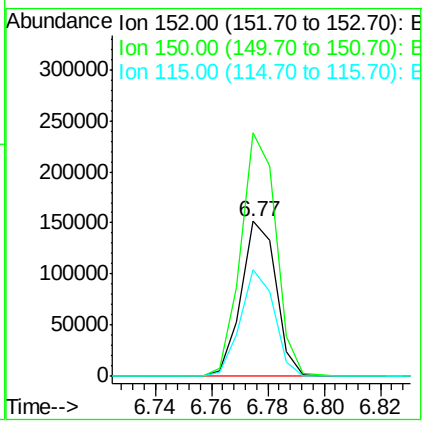


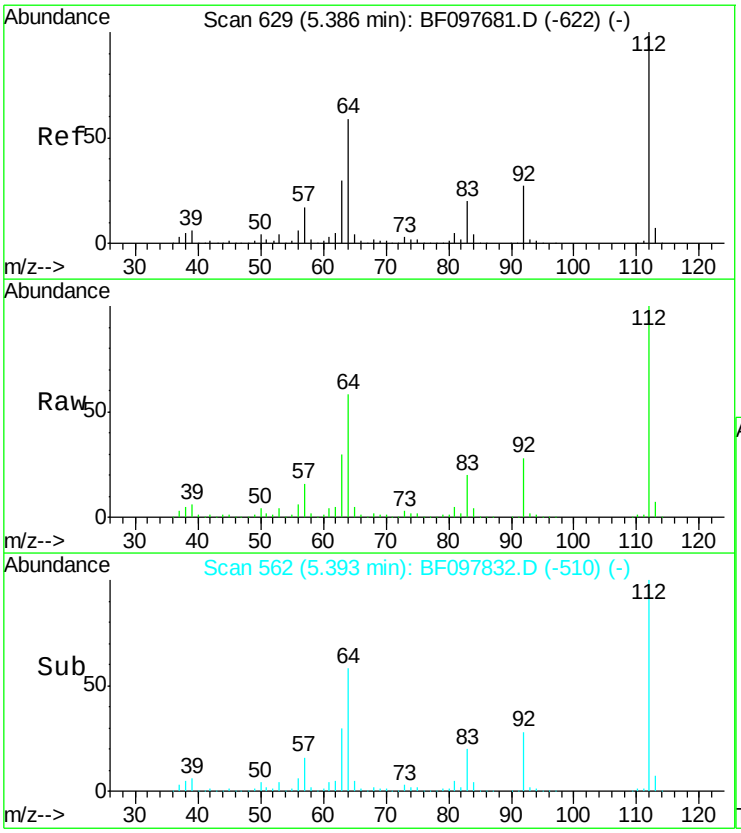
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.77 min Scan# 797
Delta R.T. -0.01 min
Lab File: BF097832.D
Acq: 18 Aug 2017 13:32

Instrument :
BNA_F
ClientSampleId :
E2-I8-WSW

Tgt Ion:152 Resp: 130281

Ion	Ratio	Lower	Upper
152	100		
150	157.1	126.2	189.2
115	69.1	52.2	78.2

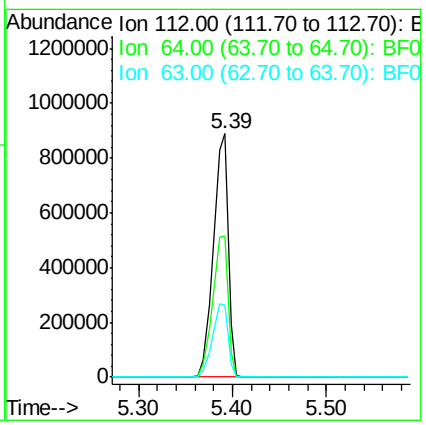


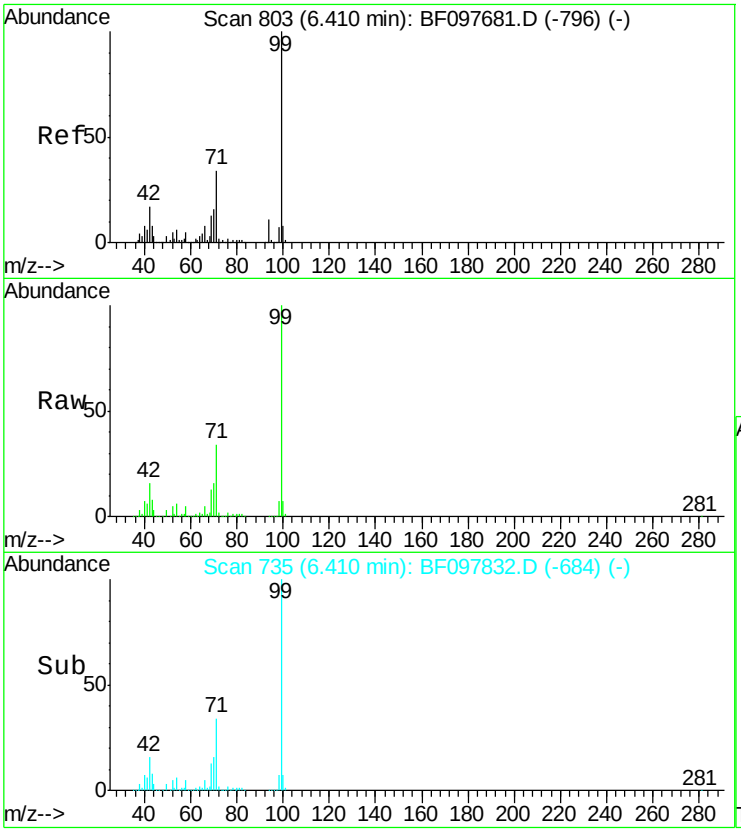


#5
2-Fluorophenol
Concen: 115.870 ng
RT: 5.39 min Scan# 562
Delta R.T. 0.01 min
Lab File: BF097832.D
Acq: 18 Aug 2017 13:32

Tgt Ion:112 Resp: 992438

Ion	Ratio	Lower	Upper
112	100		
64	57.9	46.0	69.0
63	29.9	23.4	35.0



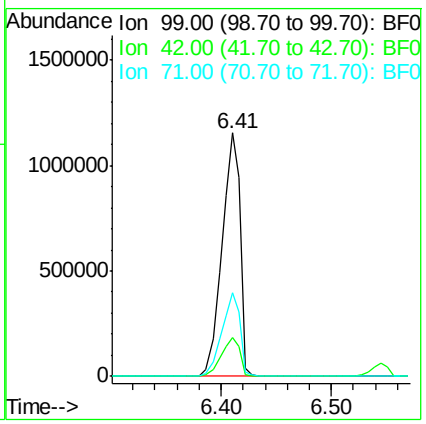


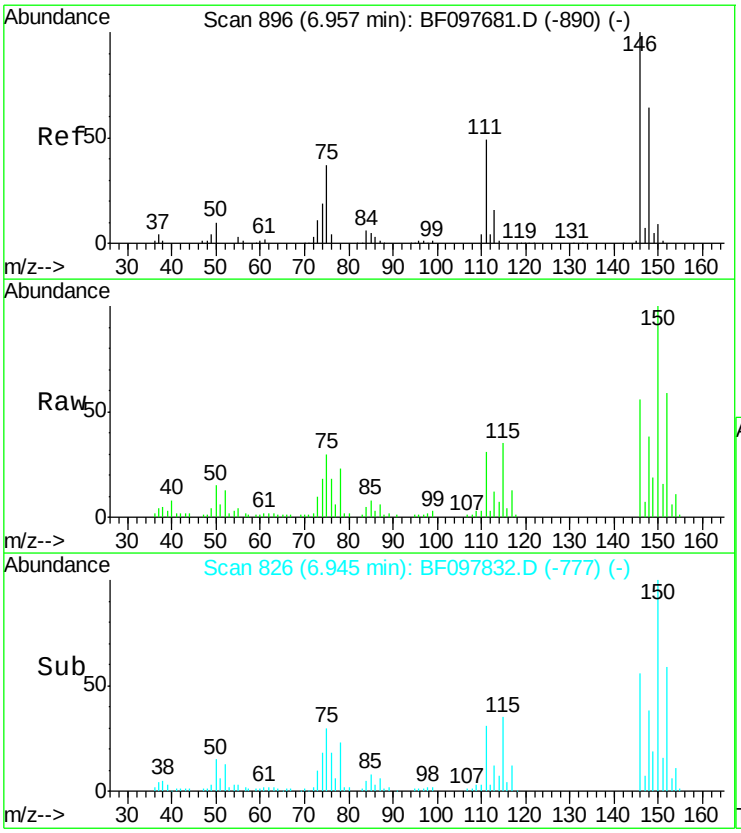
#7
Phenol-d6
Concen: 113.121 ng
RT: 6.41 min Scan# 735
Delta R.T. 0.00 min
Lab File: BF097832.D
Acq: 18 Aug 2017 13:32

Instrument :
BNA_F
ClientSampleId :
E2-I8-WSW

Tgt Ion: 99 Resp: 1316443

Ion	Ratio	Lower	Upper
99	100		
42	16.1	13.5	20.3
71	34.2	24.5	36.7

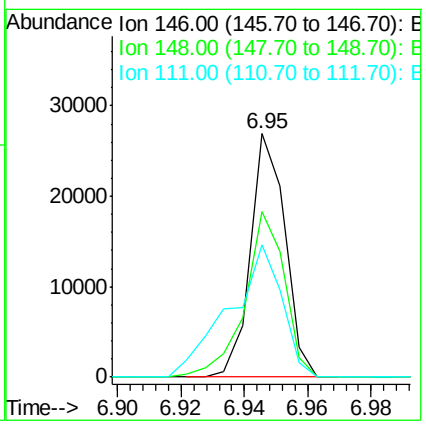


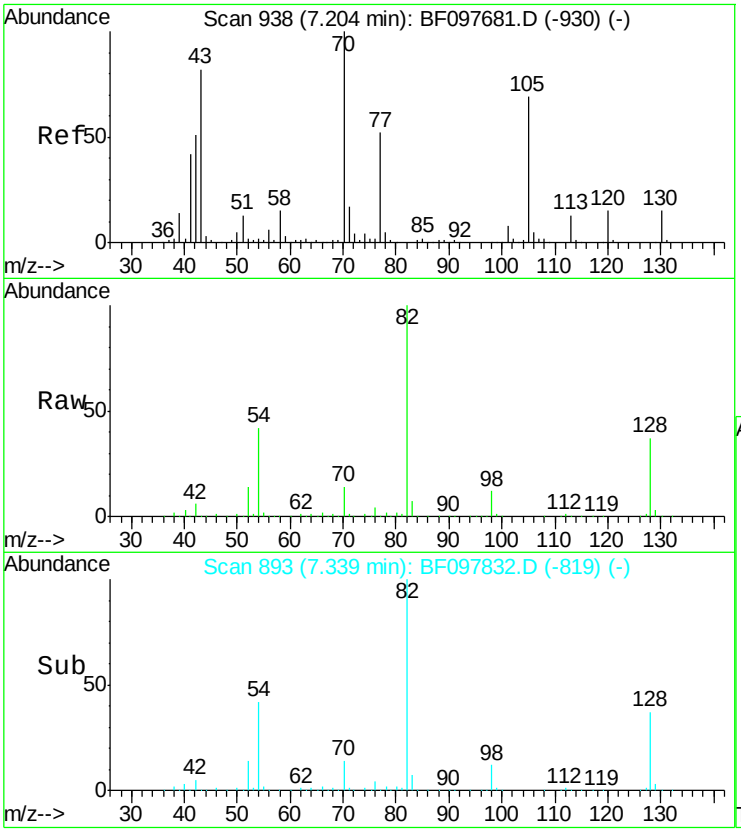


#14
1,2-Dichlorobenzene
Concen: 2.241 ng
RT: 6.95 min Scan# 826
Delta R.T. -0.01 min
Lab File: BF097832.D
Acq: 18 Aug 2017 13:32

Tgt Ion:146 Resp: 20418

Ion	Ratio	Lower	Upper
146	100		
148	68.2	50.4	75.6
111	54.2	38.2	57.4



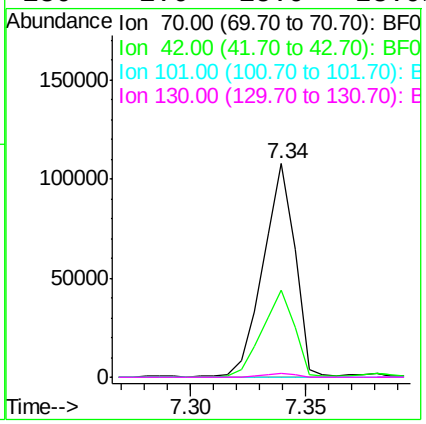


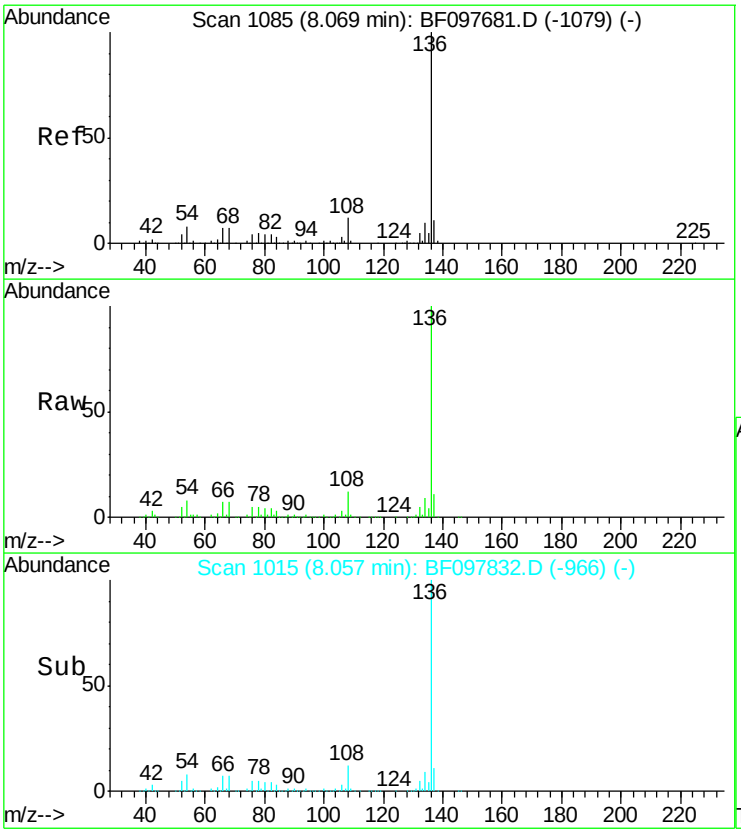
#19
n-Nitroso-di-n-propylamine
Concen: 12.893 ng
RT: 7.34 min Scan# 893
Delta R.T. 0.14 min
Lab File: BF097832.D
Acq: 18 Aug 2017 13:32

Instrument :
BNA_F
ClientSampleId :
E2-I8-WSW

Tgt Ion: 70 Resp: 102713

Ion	Ratio	Lower	Upper
70	100		
42	40.5	47.2	70.8#
101	0.0	7.2	10.8#
130	1.6	15.9	23.9#

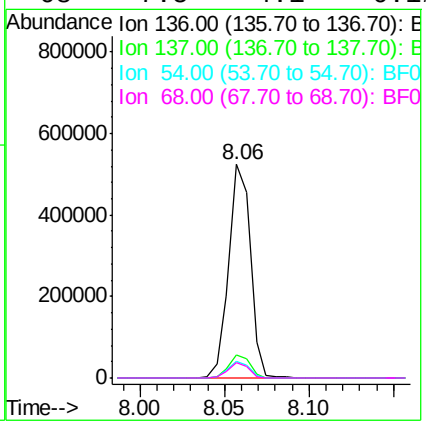


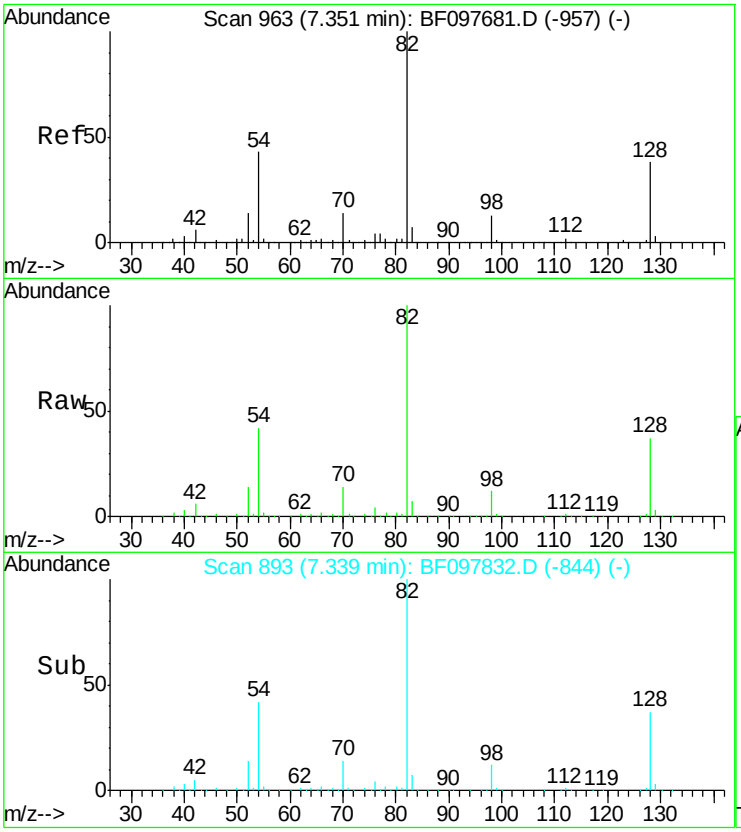


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.06 min Scan# 1015
Delta R.T. -0.01 min
Lab File: BF097832.D
Acq: 18 Aug 2017 13:32

Tgt Ion:136 Resp: 466070

Ion	Ratio	Lower	Upper
136	100		
137	11.0	8.5	12.7
54	8.1	4.9	7.3#
68	7.5	4.1	6.1#



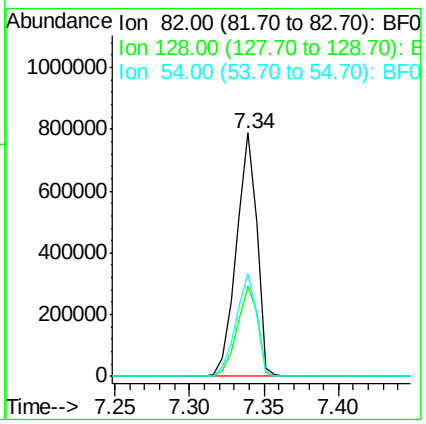


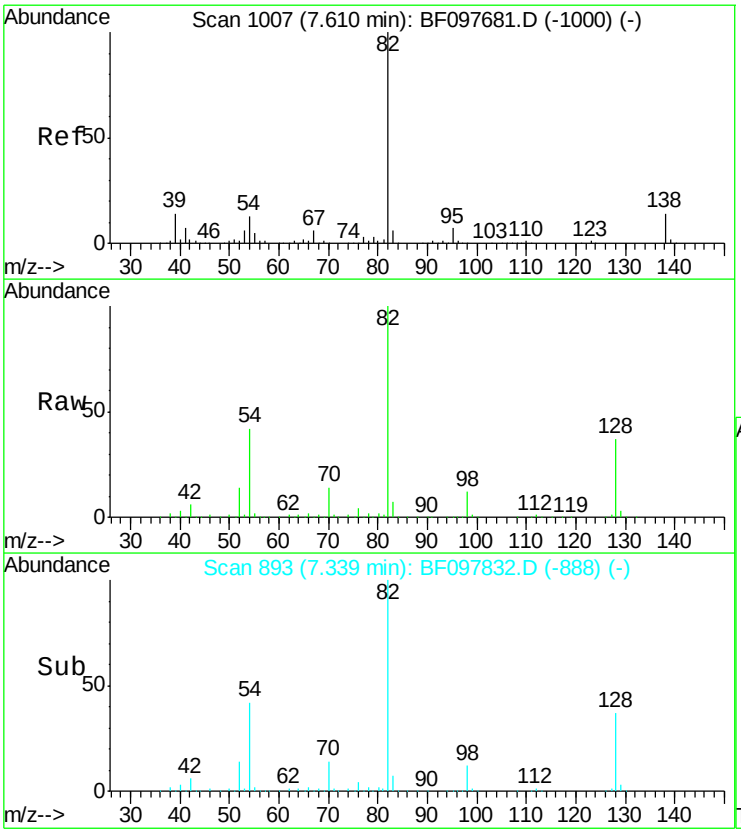
#23
Nitrobenzene-d5
Concen: 88.422 ng
RT: 7.34 min Scan# 893
Delta R.T. -0.01 min
Lab File: BF097832.D
Acq: 18 Aug 2017 13:32

Instrument :
BNA_F
ClientSampleId :
E2-I8-WSW

Tgt Ion: 82 Resp: 758607

Ion	Ratio	Lower	Upper
82	100		
128	37.0	34.0	51.0
54	42.1	42.2	63.2#

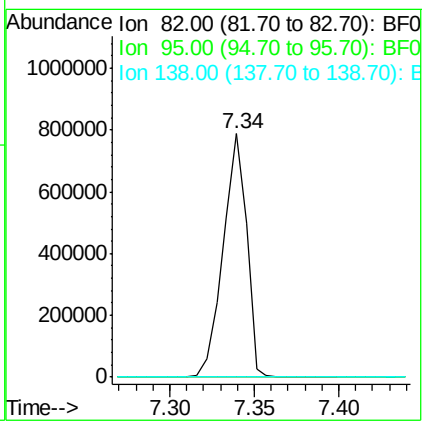


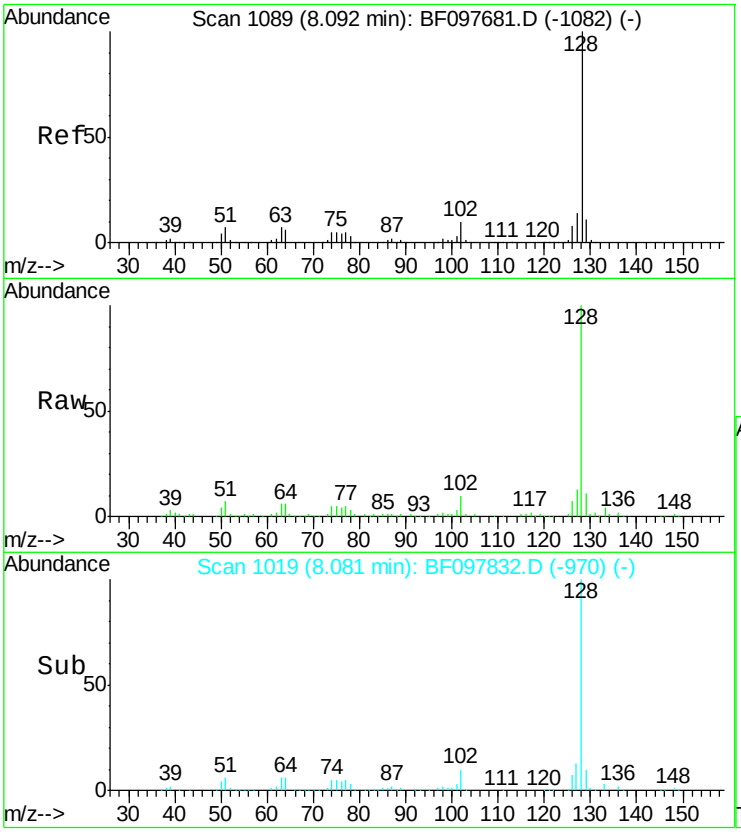


#25
Isophorone
Concen: 42.381 ng
RT: 7.34 min Scan# 893
Delta R.T. -0.27 min
Lab File: BF097832.D
Acq: 18 Aug 2017 13:32

Tgt Ion: 82 Resp: 756060

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



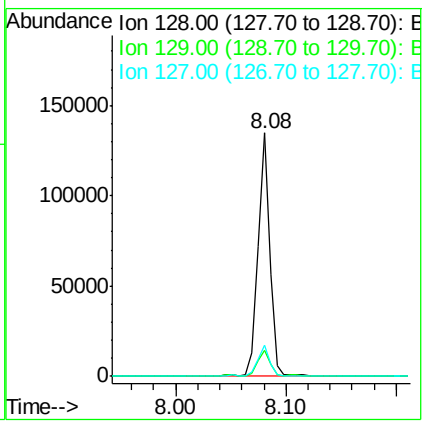


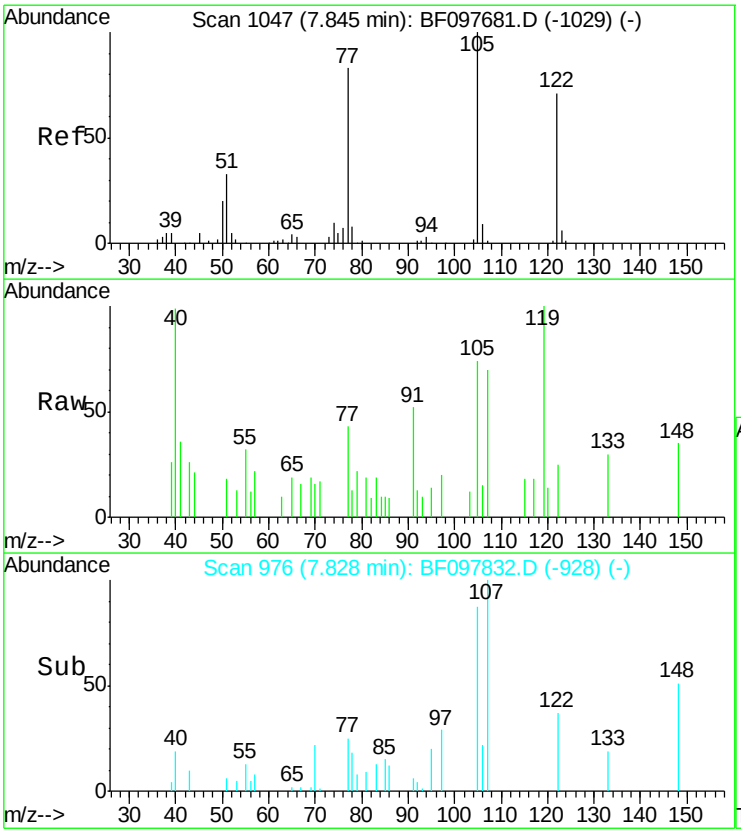
#31
Naphthalene
Concen: 4.251 ng
RT: 8.08 min Scan# 1019
Delta R.T. -0.01 min
Lab File: BF097832.D
Acq: 18 Aug 2017 13:32

Instrument :
BNA_F
ClientSampleId :
E2-I8-WSW

Tgt Ion:128 Resp: 102869

Ion	Ratio	Lower	Upper
128	100		
129	10.5	9.0	13.6
127	12.7	10.8	16.2

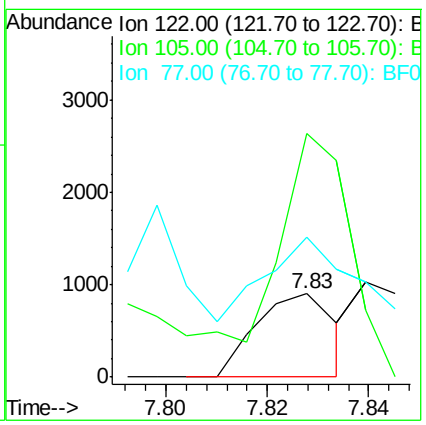


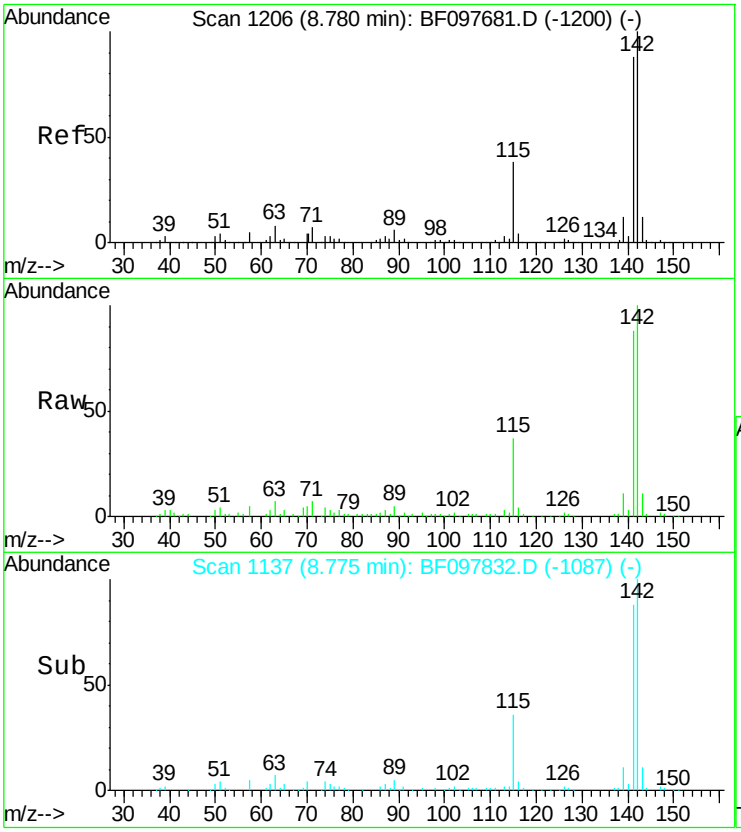


#32
Benzoic acid
Concen: 6.559 ng
RT: 7.83 min Scan# 976
Delta R.T. -0.02 min
Lab File: BF097832.D
Acq: 18 Aug 2017 13:32

Tgt Ion:122 Resp: 966

Ion	Ratio	Lower	Upper
122	100		
105	293.1	103.3	143.3#
77	168.3	73.7	113.7#



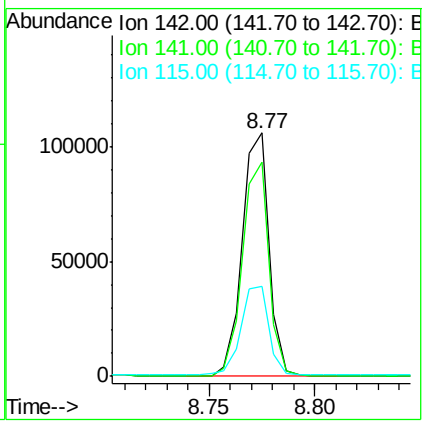


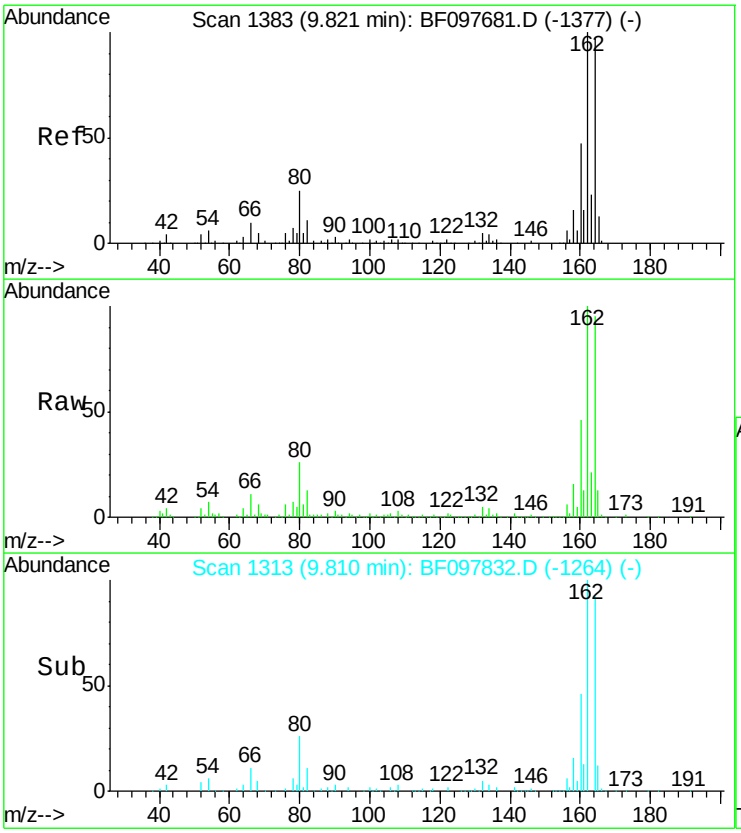
#37
2-Methylnaphthalene
Concen: 6.340 ng
RT: 8.77 min Scan# 1137
Delta R.T. -0.01 min
Lab File: BF097832.D
Acq: 18 Aug 2017 13:32

Instrument :
BNA_F
ClientSampleId :
E2-I8-WSW

Tgt Ion:142 Resp: 94056

Ion	Ratio	Lower	Upper
142	100		
141	88.1	71.3	106.9
115	36.8	27.1	40.7

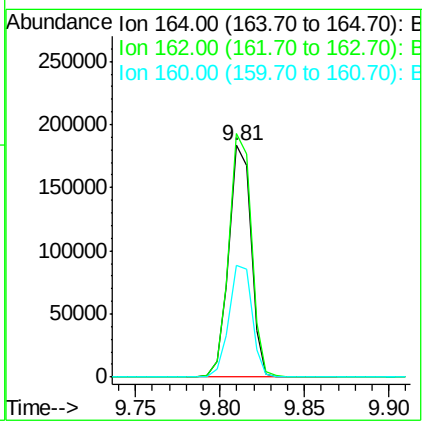


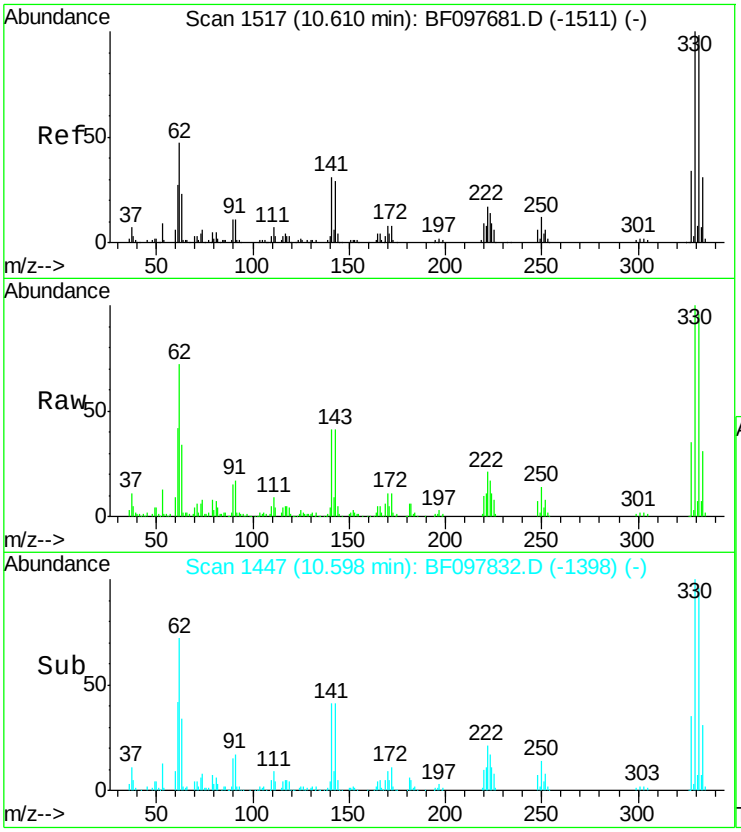


#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.81 min Scan# 1313
Delta R.T. -0.01 min
Lab File: BF097832.D
Acq: 18 Aug 2017 13:32

Tgt Ion:164 Resp: 168377

Ion	Ratio	Lower	Upper
164	100		
162	105.1	82.6	123.8
160	48.1	36.2	54.2



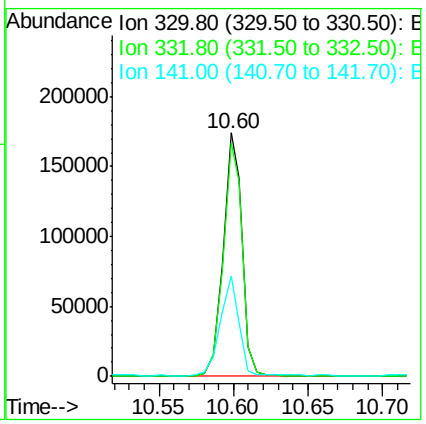


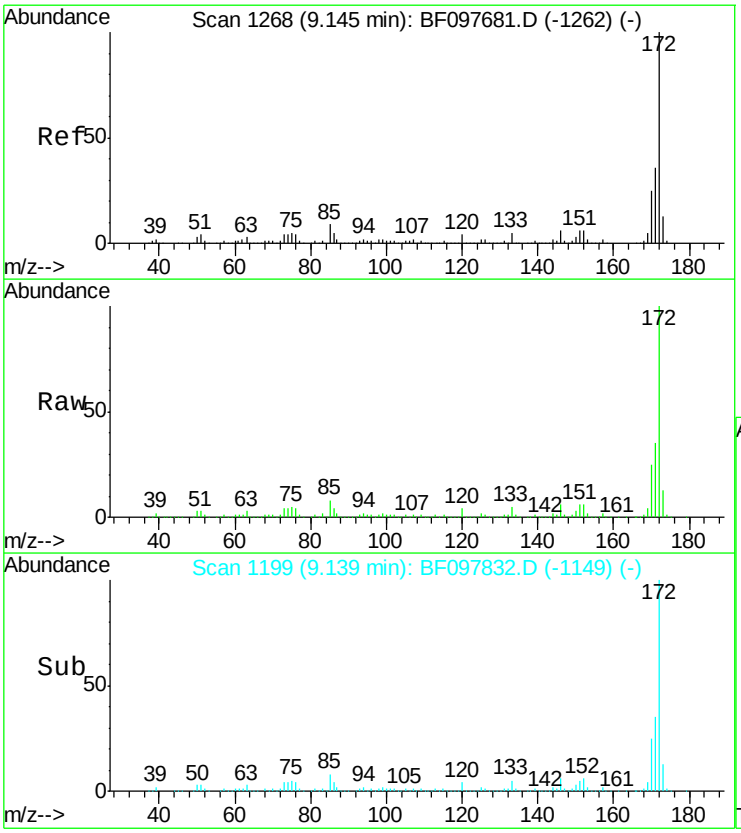
#41
2,4,6-Tribromophenol
Concen: 106.400 ng
RT: 10.60 min Scan# 1447
Delta R.T. -0.01 min
Lab File: BF097832.D
Acq: 18 Aug 2017 13:32

Instrument :
BNA_F
ClientSampleId :
E2-I8-WSW

Tgt Ion:330 Resp: 155445

Ion	Ratio	Lower	Upper
330	100		
332	97.3	76.6	115.0
141	40.0	31.4	47.2

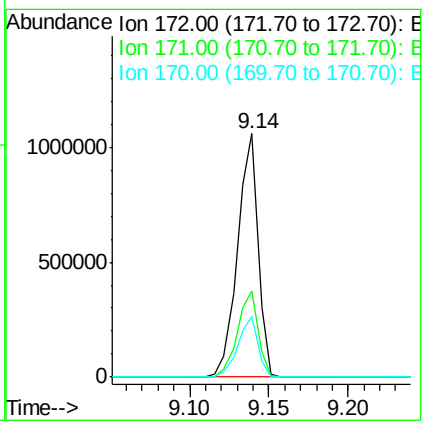


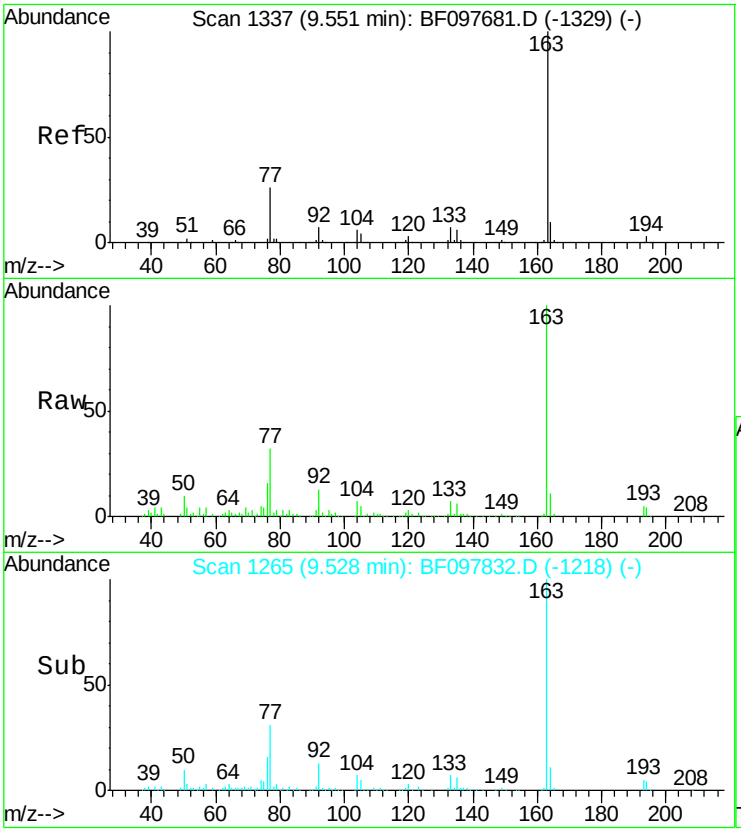


#44
2-Fluorobiphenyl
Concen: 82.917 ng
RT: 9.14 min Scan# 1199
Delta R.T. -0.01 min
Lab File: BF097832.D
Acq: 18 Aug 2017 13:32

Tgt Ion:172 Resp: 950261

Ion	Ratio	Lower	Upper
172	100		
171	35.5	29.6	44.4
170	24.8	19.8	29.8



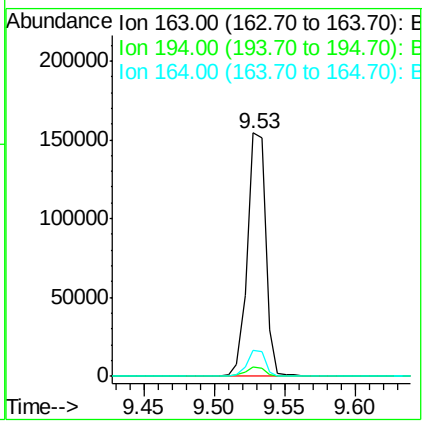


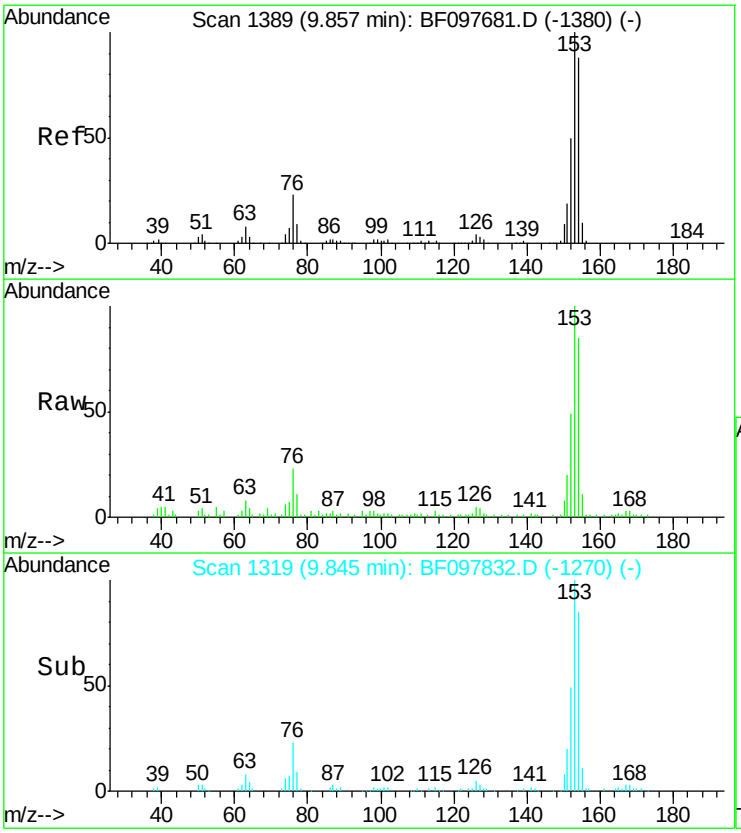
#49
Dimethylphthalate
Concen: 11.519 ng
RT: 9.53 min Scan# 1265
Delta R.T. -0.02 min
Lab File: BF097832.D
Acq: 18 Aug 2017 13:32

Instrument :
BNA_F
ClientSampleId :
E2-I8-WSW

Tgt Ion:163 Resp: 141771

Ion	Ratio	Lower	Upper
163	100		
194	3.8	2.6	4.0
164	10.6	8.4	12.6

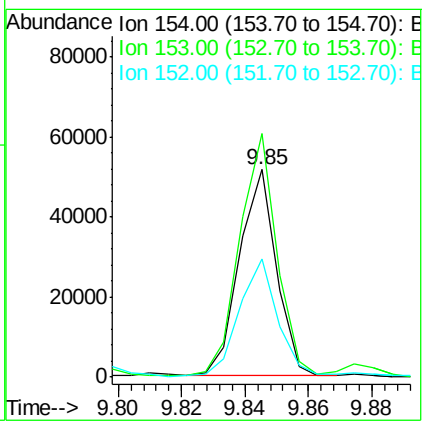


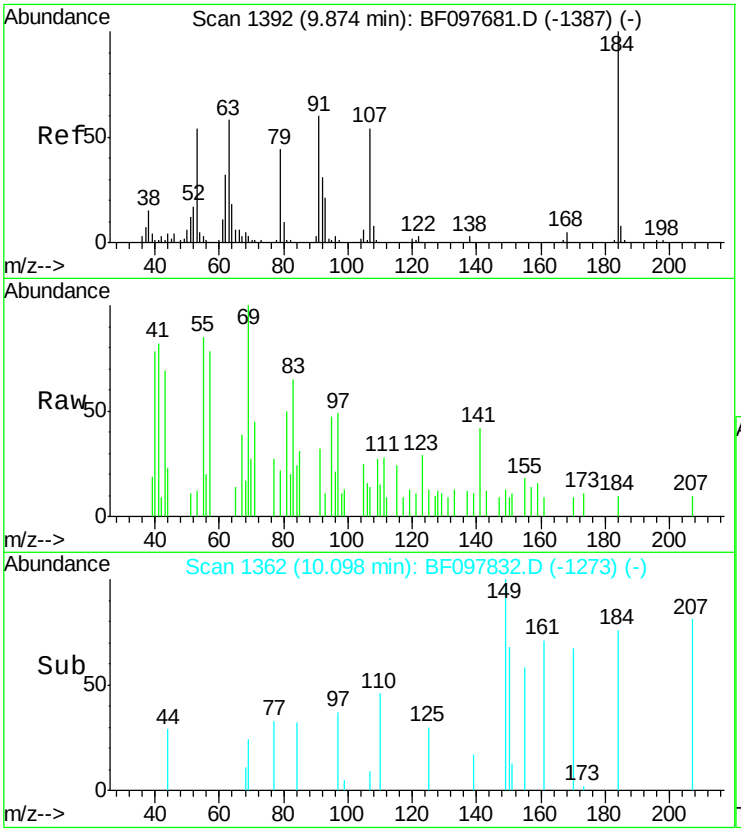


#51
Acenaphthene
Concen: 3.696 ng
RT: 9.85 min Scan# 1319
Delta R.T. -0.01 min
Lab File: BF097832.D
Acq: 18 Aug 2017 13:32

Tgt Ion:154 Resp: 41533

Ion	Ratio	Lower	Upper
154	100		
153	117.5	90.5	135.7
152	57.3	43.6	65.4



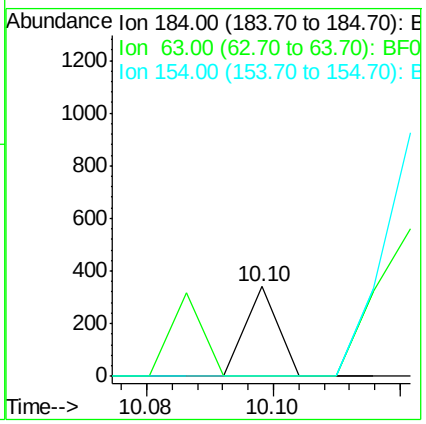


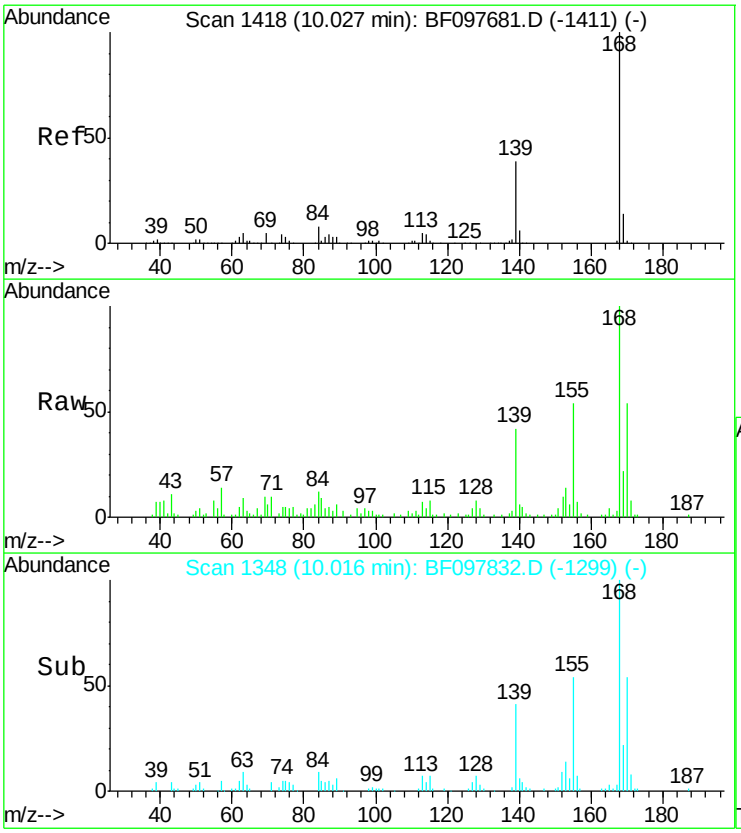
#53
2,4-Dinitrophenol
Concen: 10.231 ng
RT: 10.10 min Scan# 1362
Delta R.T. 0.22 min
Lab File: BF097832.D
Acq: 18 Aug 2017 13:32

Instrument :
BNA_F
ClientSampleId :
E2-I8-WSW

Tgt Ion:184 Resp: 120

Ion	Ratio	Lower	Upper
184	100		
63	0.0	62.7	94.1#
154	0.0	81.1	121.7#

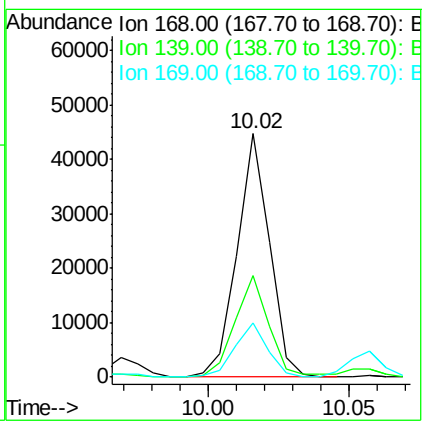


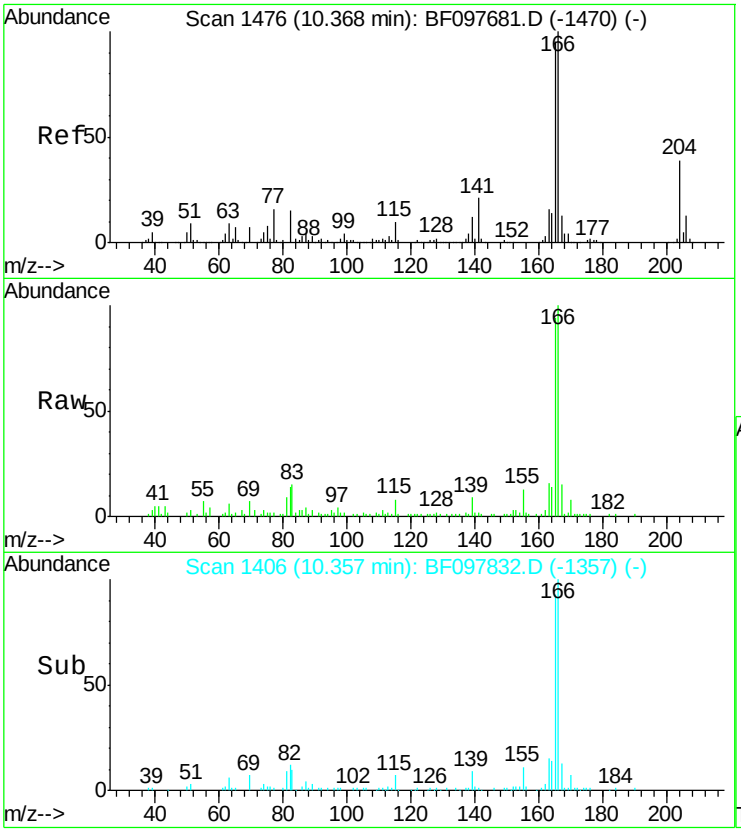


#54
Dibenzofuran
Concen: 2.355 ng
RT: 10.02 min Scan# 1348
Delta R.T. -0.01 min
Lab File: BF097832.D
Acq: 18 Aug 2017 13:32

Tgt Ion:168 Resp: 35466

Ion	Ratio	Lower	Upper
168	100		
139	41.8	30.6	45.8
169	22.2	10.8	16.2#



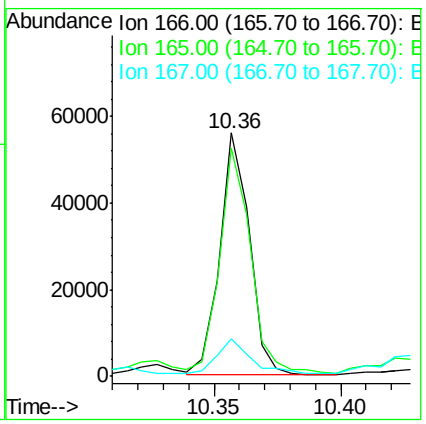


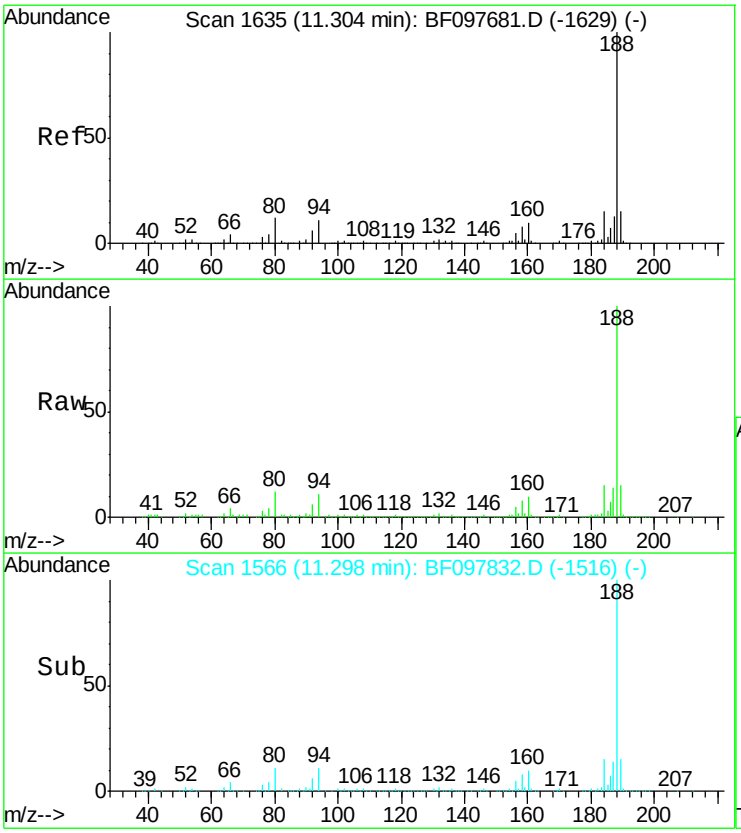
#57
Fluorene
Concen: 3.896 ng
RT: 10.36 min Scan# 1406
Delta R.T. -0.01 min
Lab File: BF097832.D
Acq: 18 Aug 2017 13:32

Instrument :
BNA_F
ClientSampleId :
E2-I8-WSW

Tgt Ion:166 Resp: 45357

Ion	Ratio	Lower	Upper
166	100		
165	93.9	78.8	118.2
167	15.2	10.6	16.0

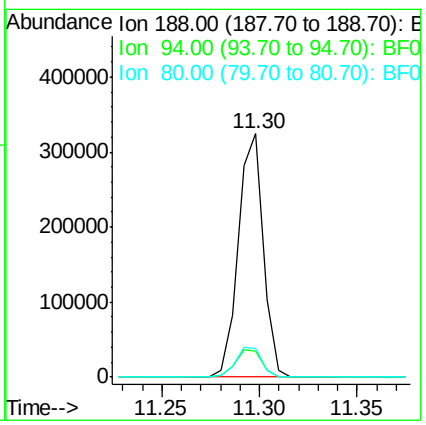


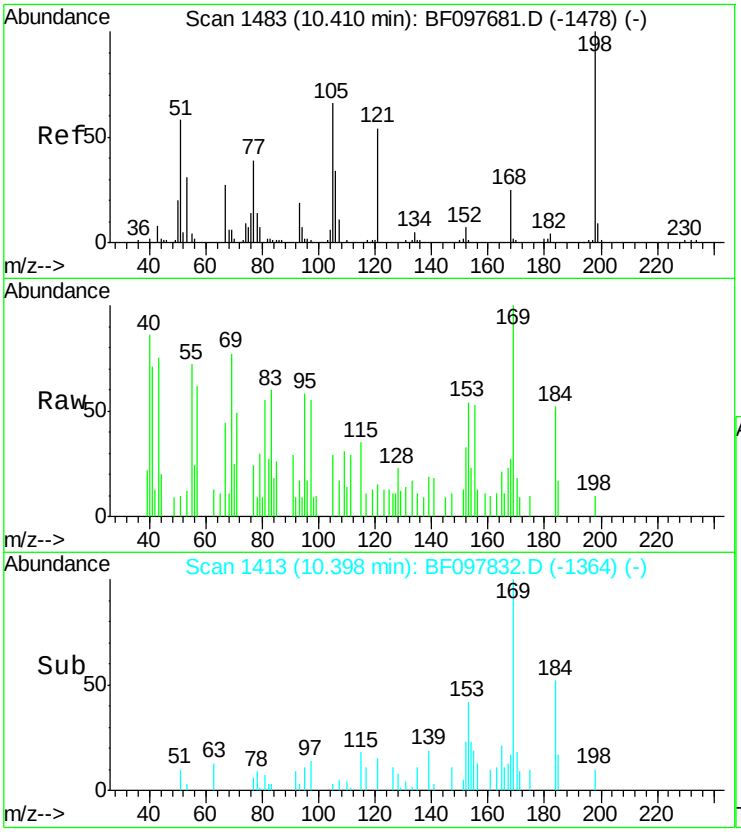


#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.30 min Scan# 1566
Delta R.T. -0.01 min
Lab File: BF097832.D
Acq: 18 Aug 2017 13:32

Tgt Ion:188 Resp: 288296

Ion	Ratio	Lower	Upper
188	100		
94	10.6	9.4	14.2
80	11.5	10.2	15.2



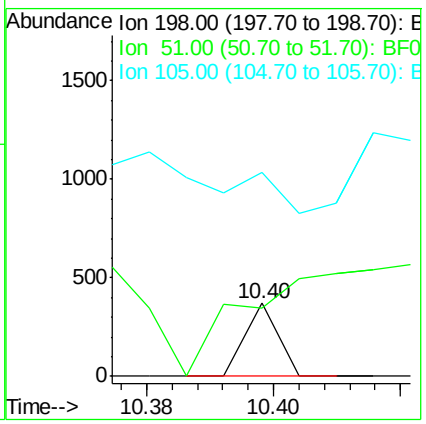


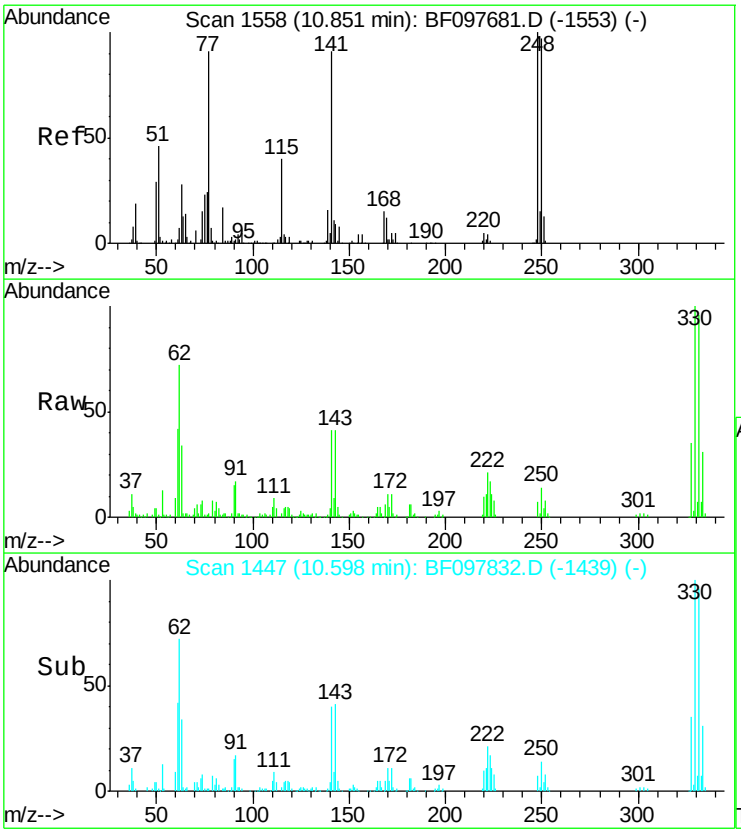
#64
4,6-Dinitro-2-methylphenol
Concen: 8.400 ng
RT: 10.40 min Scan# 1413
Delta R.T. -0.01 min
Lab File: BF097832.D
Acq: 18 Aug 2017 13:32

Instrument :
BNA_F
ClientSampleId :
E2-I8-WSW

Tgt Ion:198 Resp: 131

Ion	Ratio	Lower	Upper
198	100		
51	92.7	53.2	93.2
105	279.8	45.8	85.8#

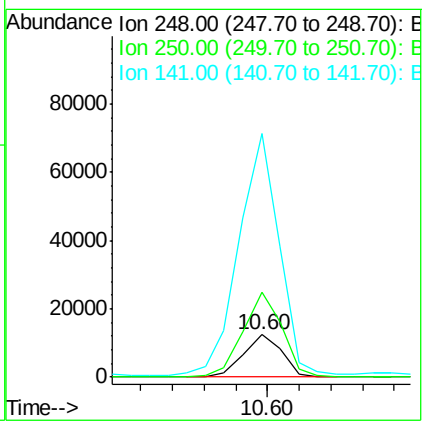


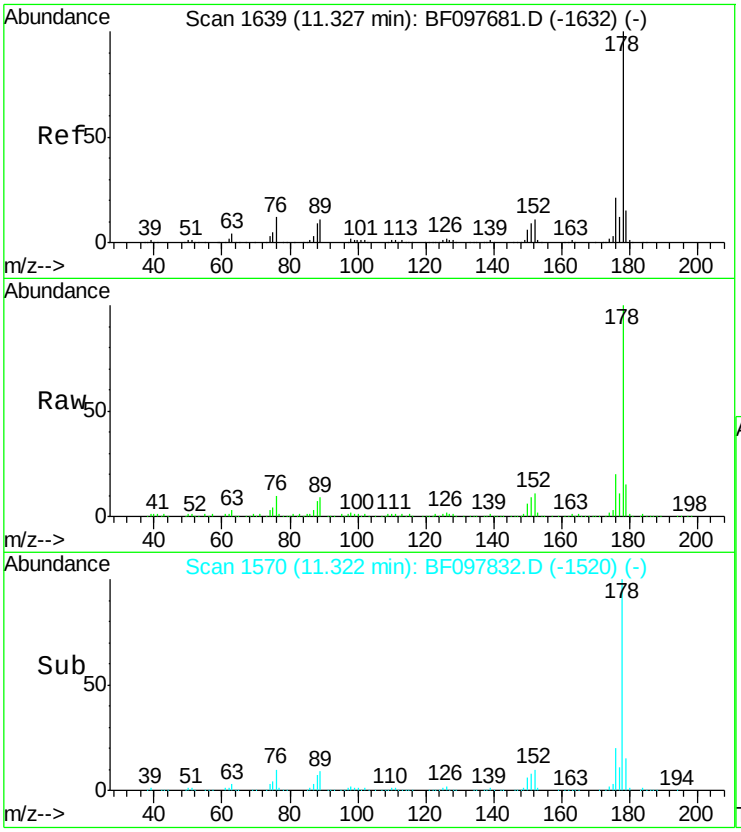


#66
4-Bromophenyl-phenylether
Concen: 3.481 ng
RT: 10.60 min Scan# 1447
Delta R.T. -0.25 min
Lab File: BF097832.D
Acq: 18 Aug 2017 13:32

Tgt Ion:248 Resp: 10422

Ion	Ratio	Lower	Upper
248	100		
250	200.6	76.8	115.2#
141	572.8	68.6	103.0#



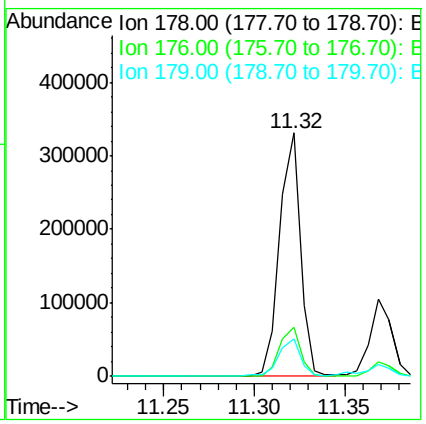


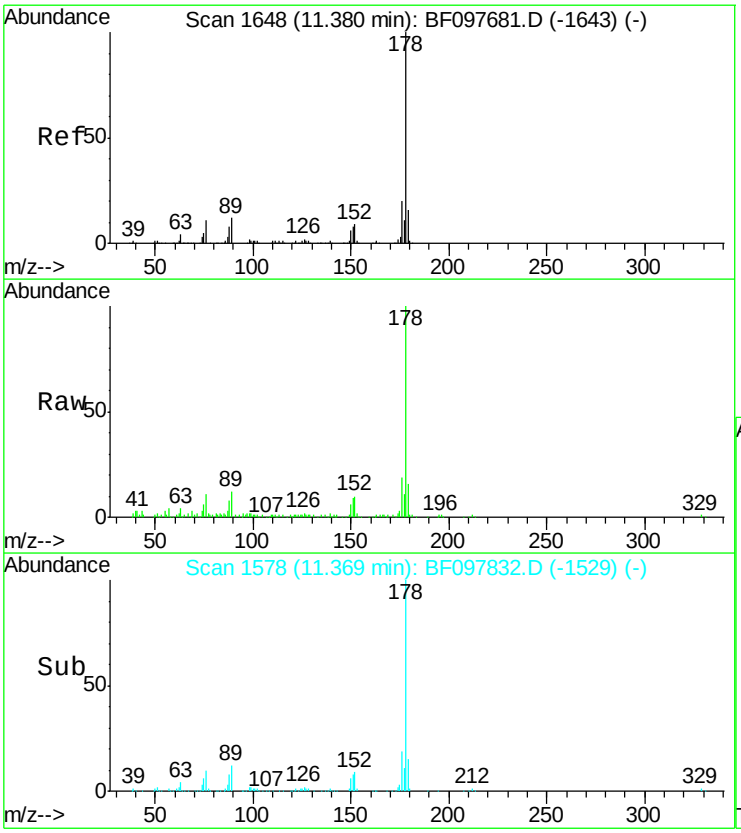
#70
Phenanthrene
Concen: 17.423 ng
RT: 11.32 min Scan# 1570
Delta R.T. -0.01 min
Lab File: BF097832.D
Acq: 18 Aug 2017 13:32

Instrument :
BNA_F
ClientSampleId :
E2-I8-WSW

Tgt Ion:178 Resp: 267657

Ion	Ratio	Lower	Upper
178	100		
176	20.0	16.2	24.4
179	15.3	12.6	19.0

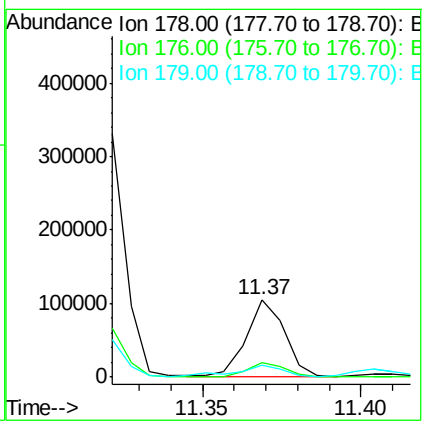


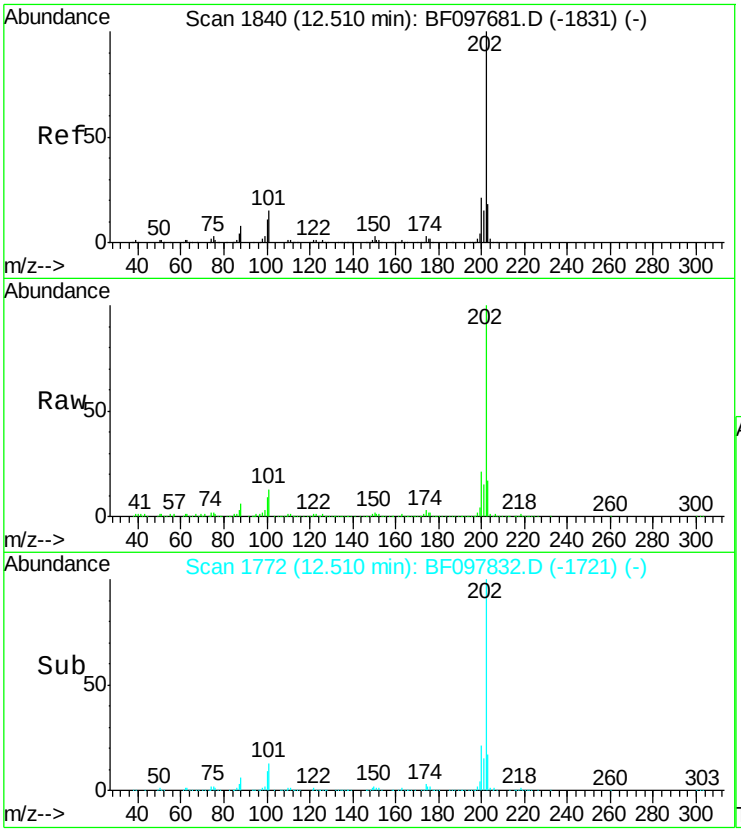


#71
Anthracene
Concen: 5.585 ng
RT: 11.37 min Scan# 1578
Delta R.T. -0.01 min
Lab File: BF097832.D
Acq: 18 Aug 2017 13:32

Tgt Ion:178 Resp: 87023

Ion	Ratio	Lower	Upper
178	100		
176	19.1	15.8	23.8
179	15.7	12.7	19.1



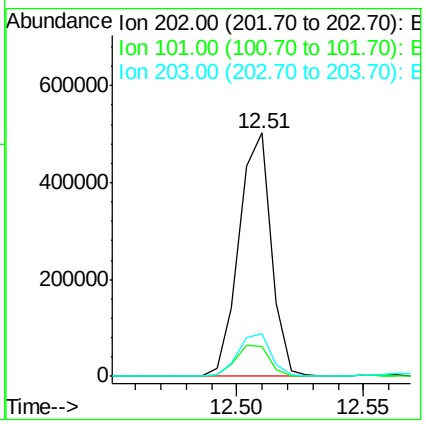


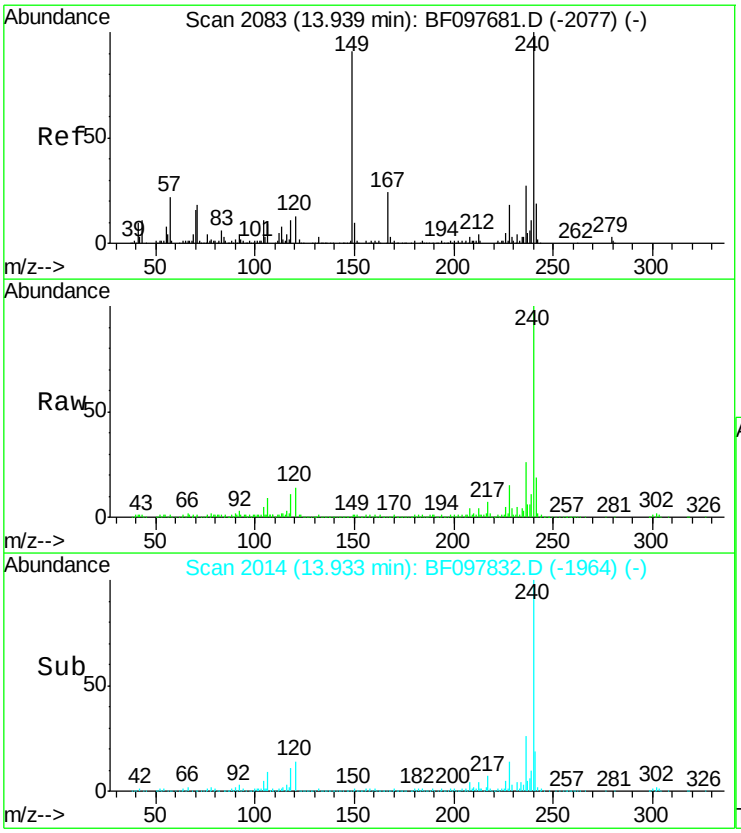
#74
Fluoranthene
Concen: 27.626 ng
RT: 12.51 min Scan# 1772
Delta R.T. 0.00 min
Lab File: BF097832.D
Acq: 18 Aug 2017 13:32

Instrument :
BNA_F
ClientSampleId :
E2-I8-WSW

Tgt Ion:202 Resp: 442979

Ion	Ratio	Lower	Upper
202	100		
101	12.5	0.0	33.2
203	17.4	0.0	38.1

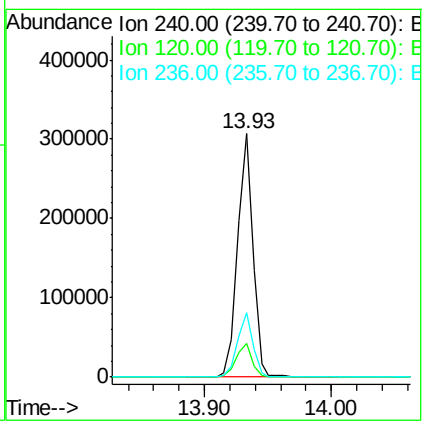


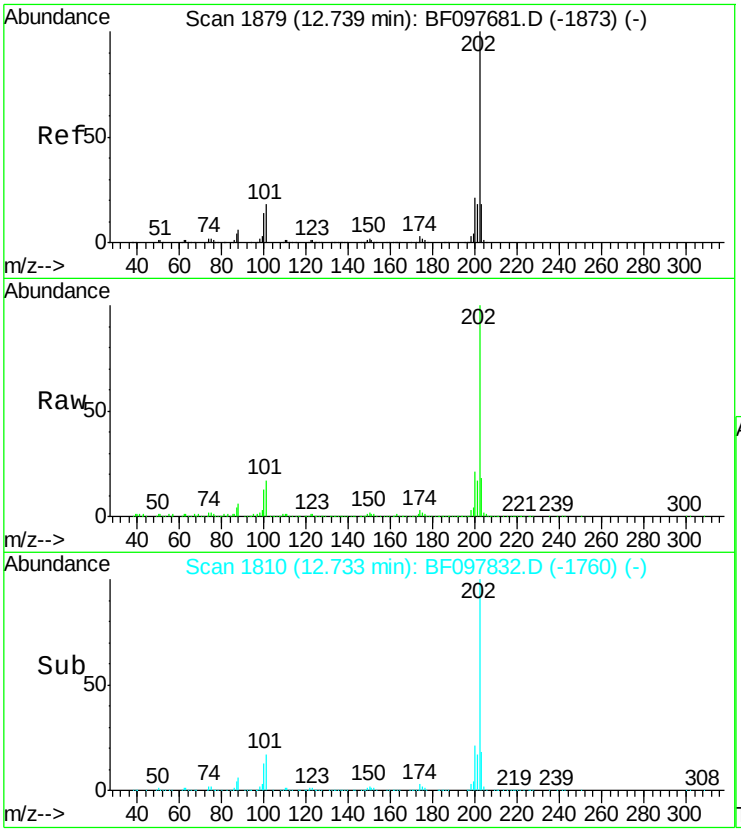


#75
Chrysene-d12
Concen: 20.000 ng
RT: 13.93 min Scan# 2014
Delta R.T. -0.01 min
Lab File: BF097832.D
Acq: 18 Aug 2017 13:32

Tgt Ion:240 Resp: 254441

Ion	Ratio	Lower	Upper
240	100		
120	13.8	5.8	8.8#
236	26.3	20.5	30.7



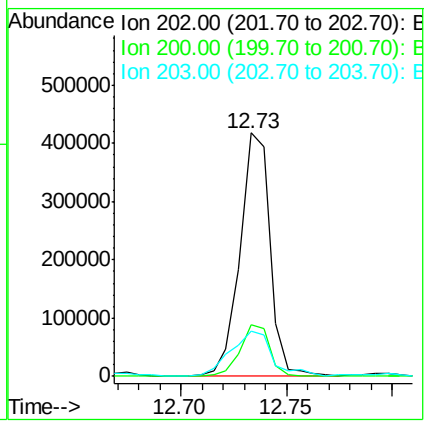


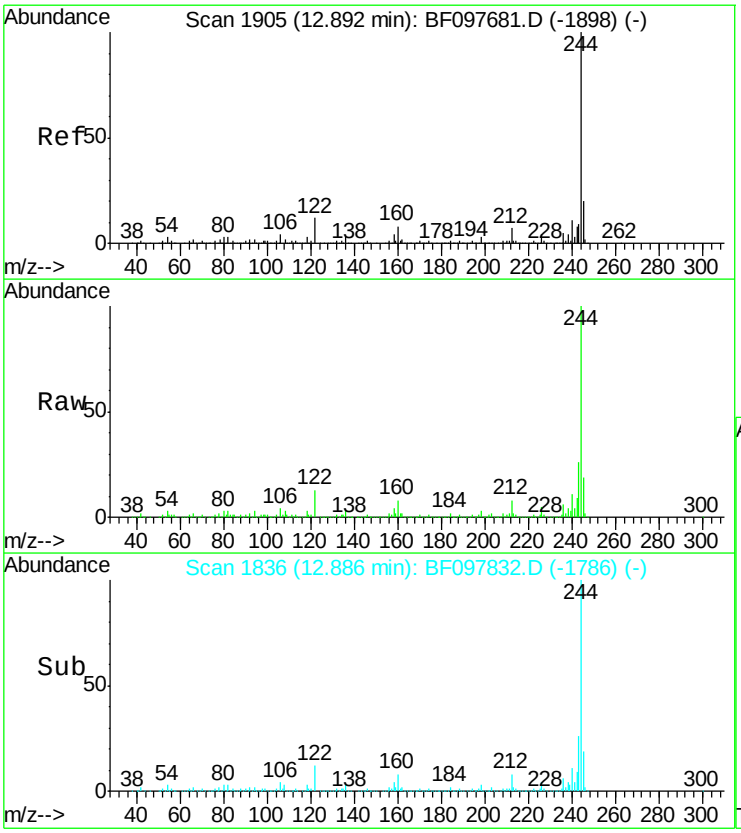
#77
Pyrene
Concen: 19.636 ng
RT: 12.73 min Scan# 1810
Delta R.T. -0.01 min
Lab File: BF097832.D
Acq: 18 Aug 2017 13:32

Instrument :
BNA_F
ClientSampleId :
E2-I8-WSW

Tgt Ion:202 Resp: 408623

Ion	Ratio	Lower	Upper
202	100		
200	21.3	17.6	26.4
203	18.3	14.4	21.6

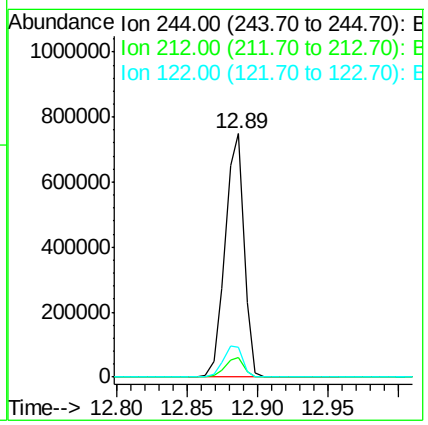


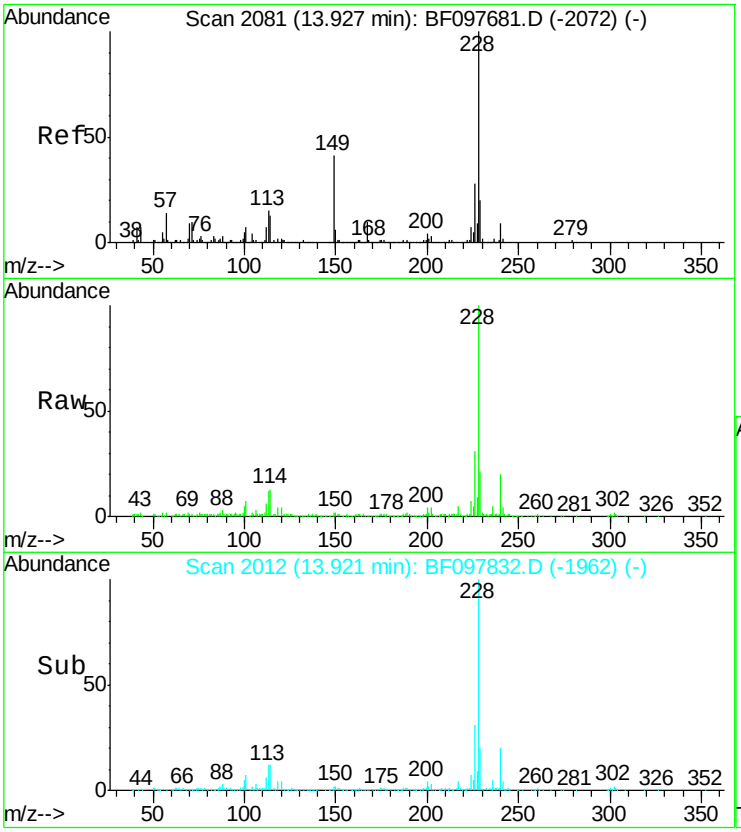


#78
Terphenyl-d14
Concen: 57.132 ng
RT: 12.89 min Scan# 1836
Delta R.T. -0.01 min
Lab File: BF097832.D
Acq: 18 Aug 2017 13:32

Tgt Ion:244 Resp: 697089

Ion	Ratio	Lower	Upper
244	100		
212	7.8	6.0	9.0
122	12.5	10.3	15.5



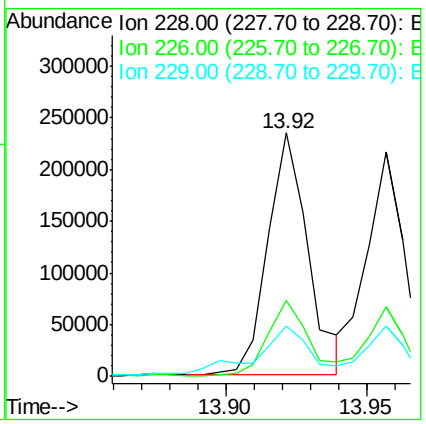


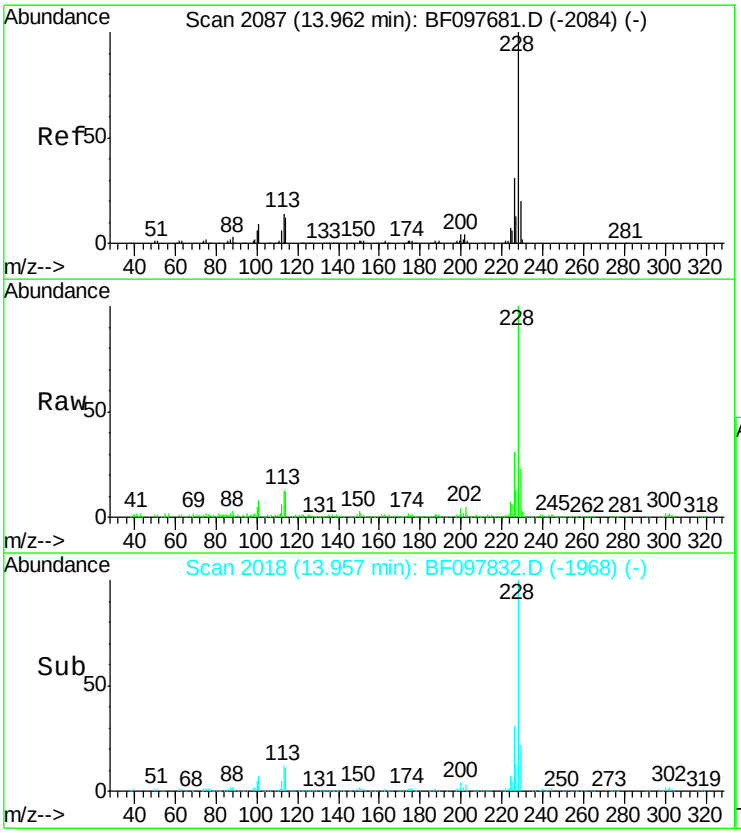
#80
Benzo(a)anthracene
Concen: 15.251 ng
RT: 13.92 min Scan# 2012
Delta R.T. -0.01 min
Lab File: BF097832.D
Acq: 18 Aug 2017 13:32

Instrument :
BNA_F
ClientSampleId :
E2-I8-WSW

Tgt Ion:228 Resp: 232580

Ion	Ratio	Lower	Upper
228	100		
226	31.3	22.6	33.8
229	20.6	16.3	24.5

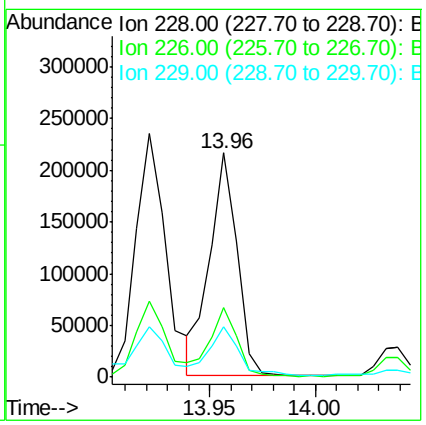


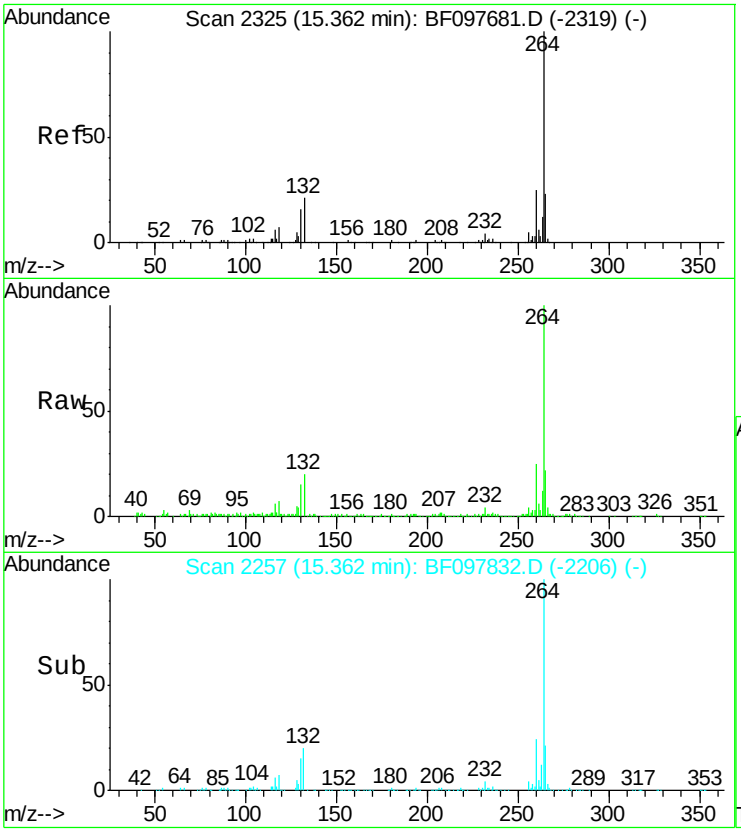


#82
Chrysene
Concen: 12.971 ng
RT: 13.96 min Scan# 2018
Delta R.T. -0.01 min
Lab File: BF097832.D
Acq: 18 Aug 2017 13:32

Tgt Ion:228 Resp: 196763

Ion	Ratio	Lower	Upper
228	100		
226	31.1	24.9	37.3
229	22.6	15.8	23.6



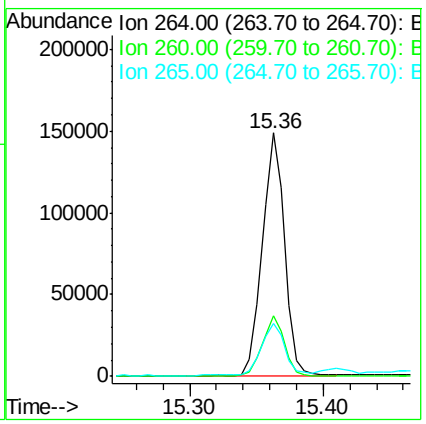


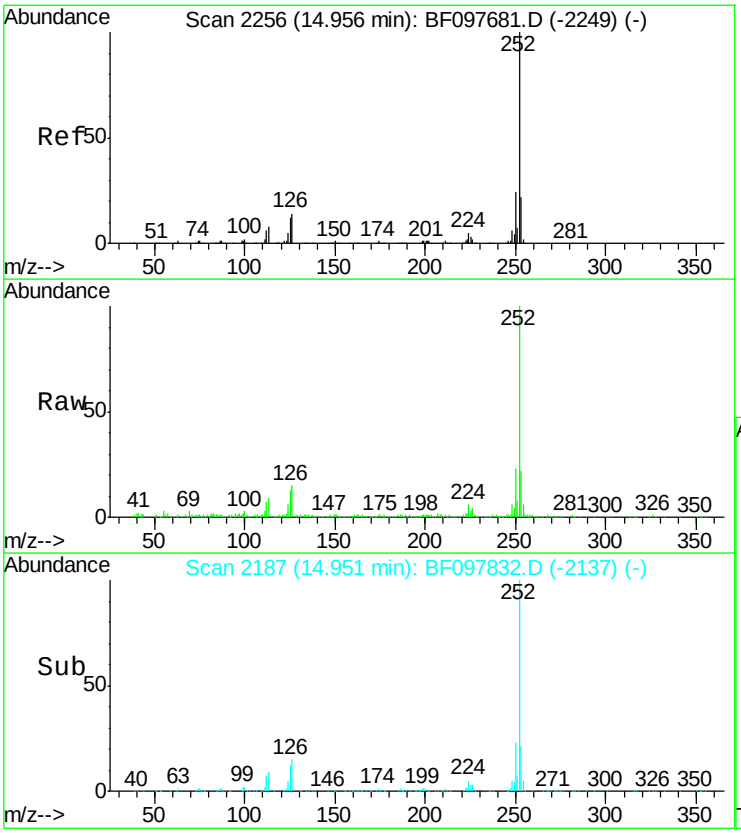
#86
Perylene-d12
Concen: 20.000 ng
RT: 15.36 min Scan# 2257
Delta R.T. 0.00 min
Lab File: BF097832.D
Acq: 18 Aug 2017 13:32

Instrument :
BNA_F
ClientSampleId :
E2-I8-WSW

Tgt Ion:264 Resp: 173461

Ion	Ratio	Lower	Upper
264	100		
260	24.7	19.5	29.3
265	21.6	17.2	25.8

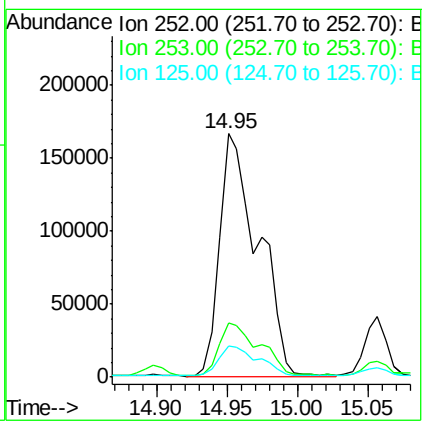


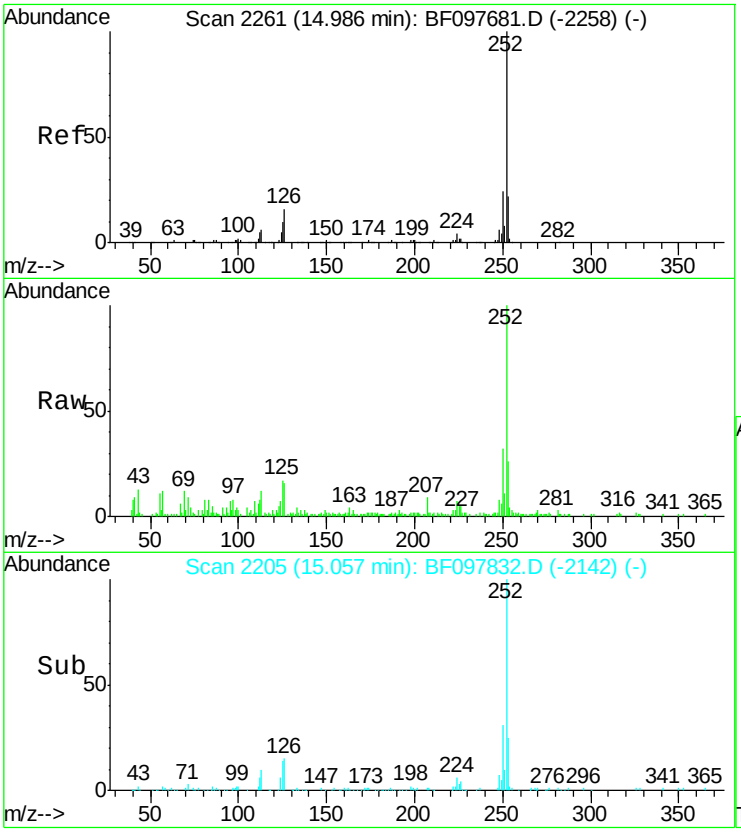


#87
Benzo(b)fluoranthene
Concen: 29.043 ng
RT: 14.95 min Scan# 2187
Delta R.T. -0.01 min
Lab File: BF097832.D
Acq: 18 Aug 2017 13:32

Tgt Ion:252 Resp: 317546

Ion	Ratio	Lower	Upper
252	100		
253	22.0	18.1	27.1
125	12.7	9.8	14.8



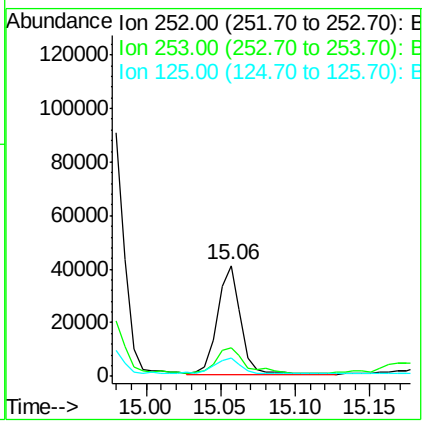


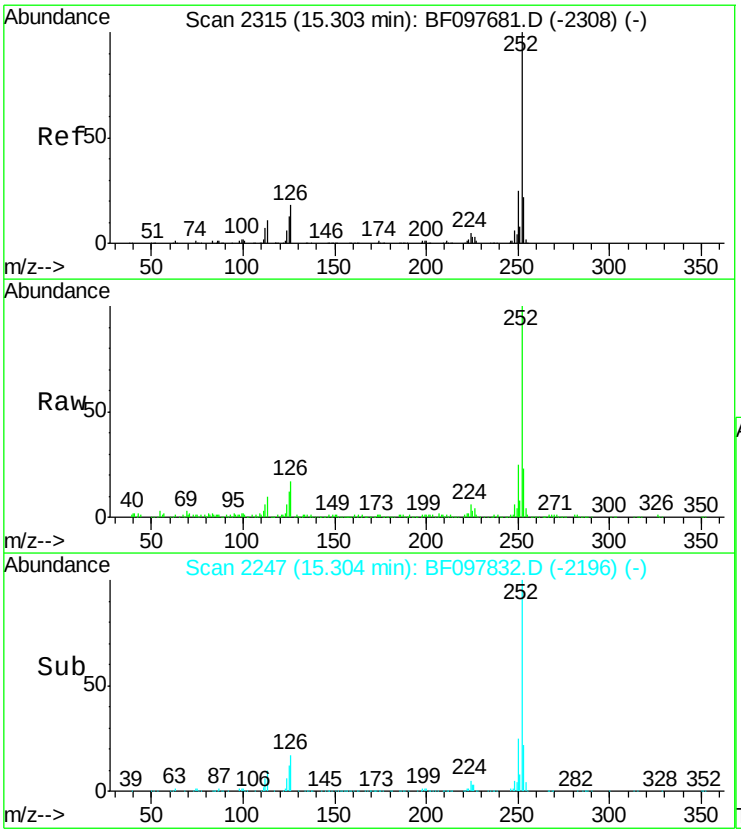
#88
Benzo(k)fluoranthene
Concen: 4.321 ng
RT: 15.06 min Scan# 2205
Delta R.T. 0.07 min
Lab File: BF097832.D
Acq: 18 Aug 2017 13:32

Instrument :
BNA_F
ClientSampleId :
E2-I8-WSW

Tgt Ion:252 Resp: 44383

Ion	Ratio	Lower	Upper
252	100		
253	26.4	18.4	27.6
125	16.5	13.1	19.7

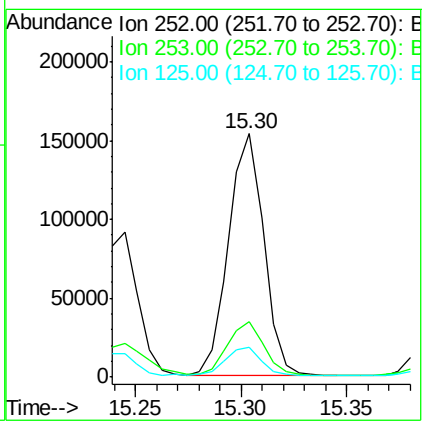


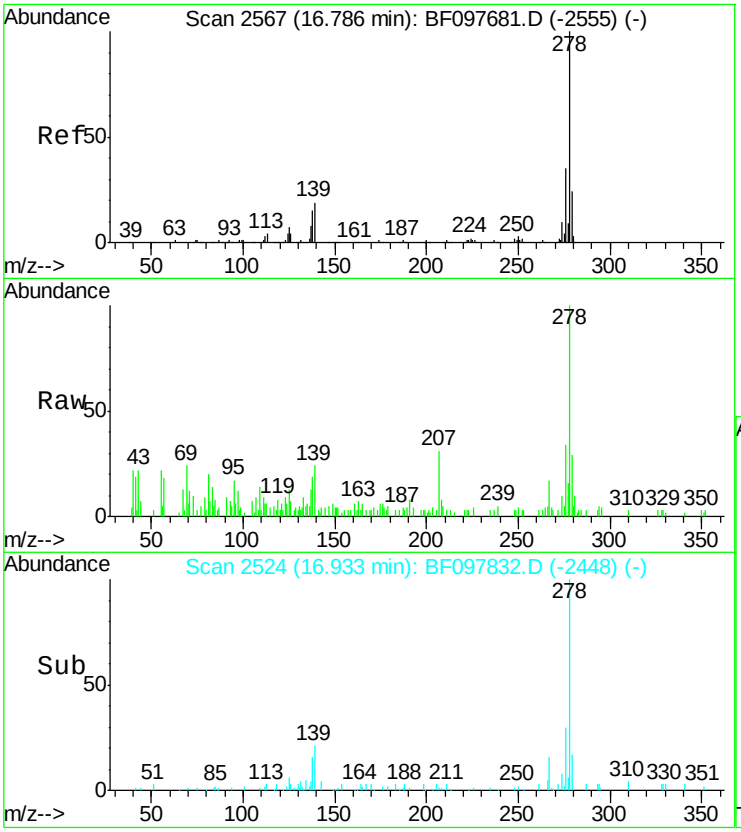


#89
Benzo(a)pyrene
Concen: 18.480 ng
RT: 15.30 min Scan# 2247
Delta R.T. 0.00 min
Lab File: BF097832.D
Acq: 18 Aug 2017 13:32

Tgt Ion:252 Resp: 178878

Ion	Ratio	Lower	Upper
252	100		
253	22.9	17.5	26.3
125	12.3	11.0	16.4



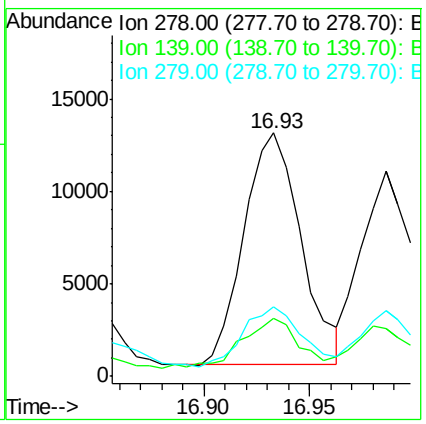


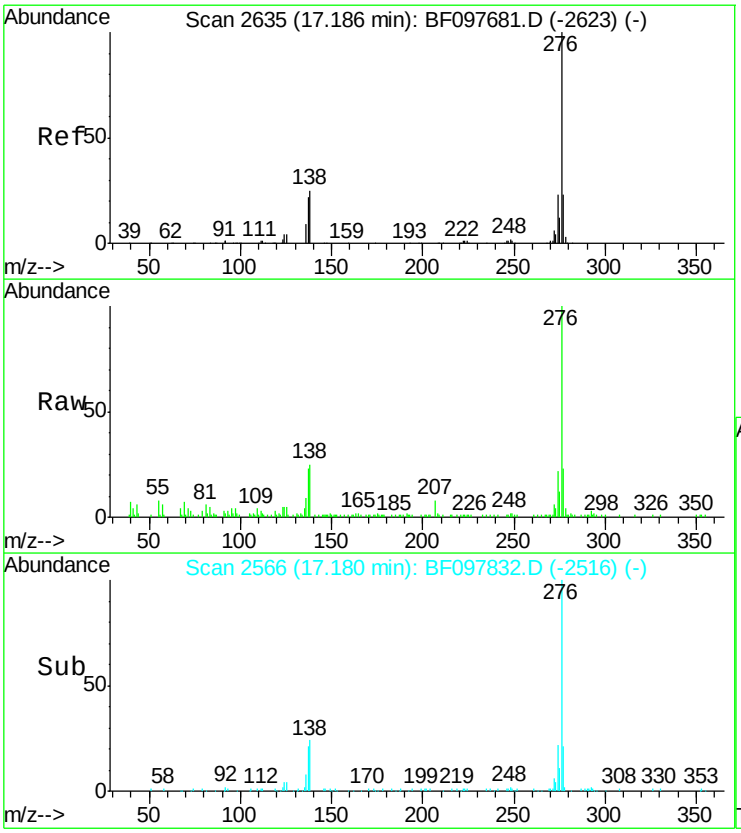
#90
Dibenzo(a,h)anthracene
Concen: 3.001 ng
RT: 16.93 min Scan# 2524
Delta R.T. 0.15 min
Lab File: BF097832.D
Acq: 18 Aug 2017 13:32

Instrument :
BNA_F
ClientSampleId :
E2-I8-WSW

Tgt Ion:278 Resp: 23652

Ion	Ratio	Lower	Upper
278	100		
139	24.1	16.6	24.8
279	28.6	19.3	28.9





#91
Benzo(g,h,i)perylene
Concen: 10.505 ng
RT: 17.18 min Scan# 2566
Delta R.T. -0.01 min
Lab File: BF097832.D
Acq: 18 Aug 2017 13:32

Tgt Ion:276 Resp: 86379

Ion	Ratio	Lower	Upper
276	100		
277	22.5	18.6	28.0
138	25.2	25.4	38.0#