Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF081717\
Data File : BF097828.D
Acq On : 18 Aug 2017 11:39
Operator : SJ/JU
Sample : I4820-03MSD
Misc :
ALS Vial : 42 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : E2-I10-ESWMSD

Quant Time: Aug 18 13:51:47 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	131423	20.00	ng		-0.01
21) Naphthalene-d8	8.06	136	480722	20.00	ng		-0.01
38) Acenaphthene-d10	9.81	164	181723	20.00	ng		-0.01
63) Phenanthrene-d10	11.30	188	312681	20.00	ng		0.00
75) Chrysene-d12	13.93	240	261906	20.00	ng		0.00
86) Perylene-d12	15.36	264	192332	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.39	112	1056532	122.28	ng		0.00
7) Phenol-d6	6.41	99	1410107	120.12	ng		0.00
23) Nitrobenzene-d5	7.34	82	847055	95.72	ng		-0.01
41) 2,4,6-Tribromophenol	10.60	330	184646	117.11	ng		-0.01
44) 2-Fluorobiphenyl	9.14	172	978536	79.11	ng		0.00
78) Terphenyl-d14	12.89	244	674278	53.69	ng		0.00
Target Compounds							Qvalue
19) n-Nitroso-di-n-propylamine	7.34	70	116096	14.446	ng	#	71
25) Isophorone	7.34	82	844627	45.903	ng	#	67
31) Naphthalene	8.08	128	64849	2.598	ng		98
32) Benzoic acid	7.91	122	496	6.481	ng		93
37) 2-Methylnaphthalene	8.77	142	32626	2.132	ng		97
49) Dimethylphthalate	9.53	163	149640	11.265	ng		99
51) Acenaphthene	9.85	154	38945	3.212	ng		98
54) Dibenzofuran	10.02	168	34438	2.119	ng	#	94
57) Fluorene	10.36	166	47198	3.756	ng		94
64) 4,6-Dinitro-2-methylphenol	10.60	198	359	8.522	ng	#	1
66) 4-Bromophenyl-phenylether	10.60	248	12658	3.898	ng	#	1
70) Phenanthrene	11.32	178	402280	24.144	ng		99
71) Anthracene	11.37	178	130782	7.739	ng		98
74) Fluoranthene	12.51	202	655137	37.671	ng		99
77) Pyrene	12.74	202	634469	29.619	ng		99
80) Benzo(a)anthracene	13.92	228	339617	21.636	ng		94
82) Chrysene	13.96	228	303677	19.448	ng		98
83) Bis(2-ethylhexyl)phthalate	13.92	149	168502	18.515	ng		98
85) Indeno(1,2,3-cd)pyrene	16.76	276	128358	11.174	ng	#	88
87) Benzo(b)fluoranthene	14.96	252	443634	36.594	ng		98
88) Benzo(k)fluoranthene	15.06	252	56989	5.003	ng		95
89) Benzo(a)pyrene	15.30	252	233369	21.744	ng		97
90) Dibenzo(a,h)anthracene	16.77	278	34001	3.891	ng		93
91) Benzo(g,h,i)perylene	17.18	276	116476	12.776	ng		92

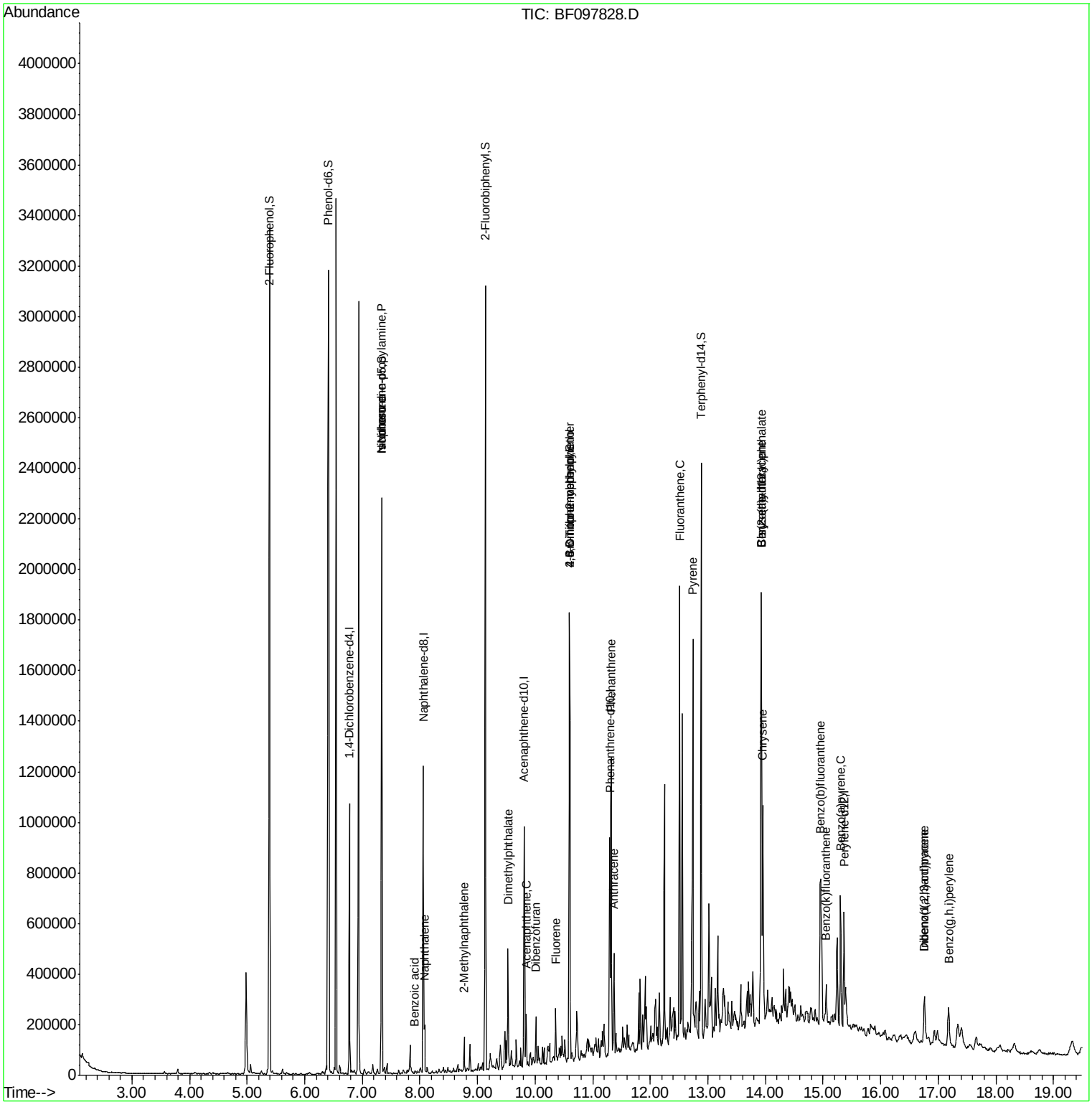
(#) = qualifier out of range (m) = manual integration (+) = signals summed

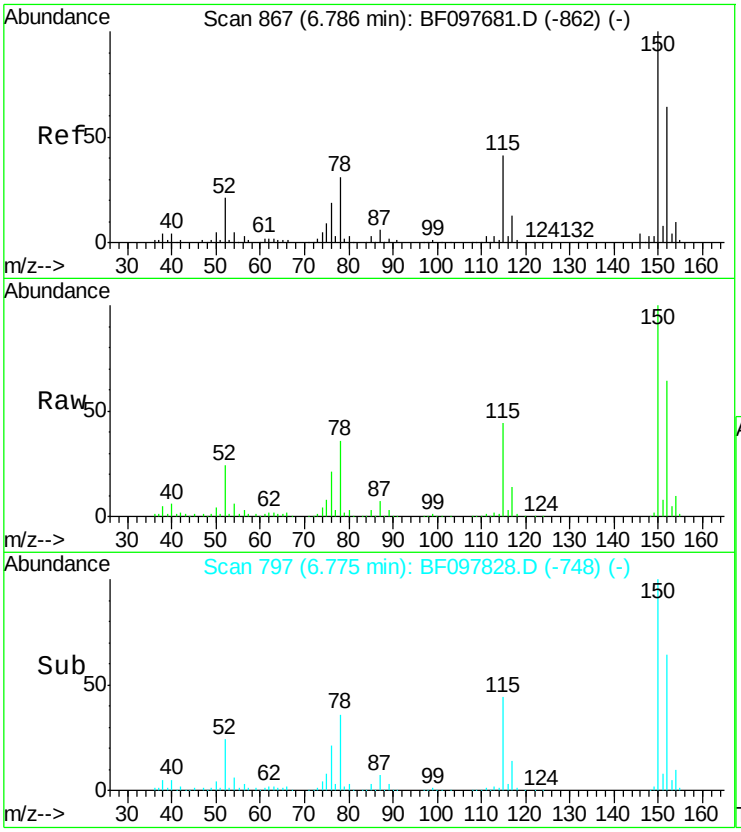
Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF081717\
Data File : BF097828.D
Acq On : 18 Aug 2017 11:39
Operator : SJ/JU
Sample : I4820-03MSD
Misc :
ALS Vial : 42 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
E2-I10-ESWMSD

Quant Time: Aug 18 13:51:47 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



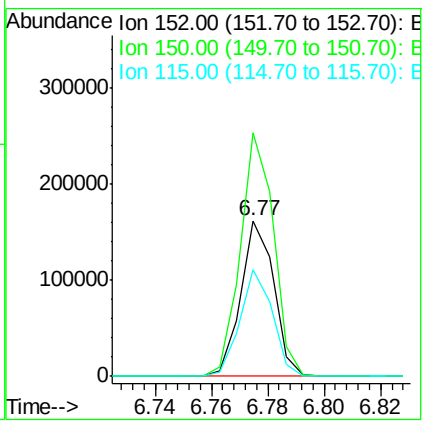


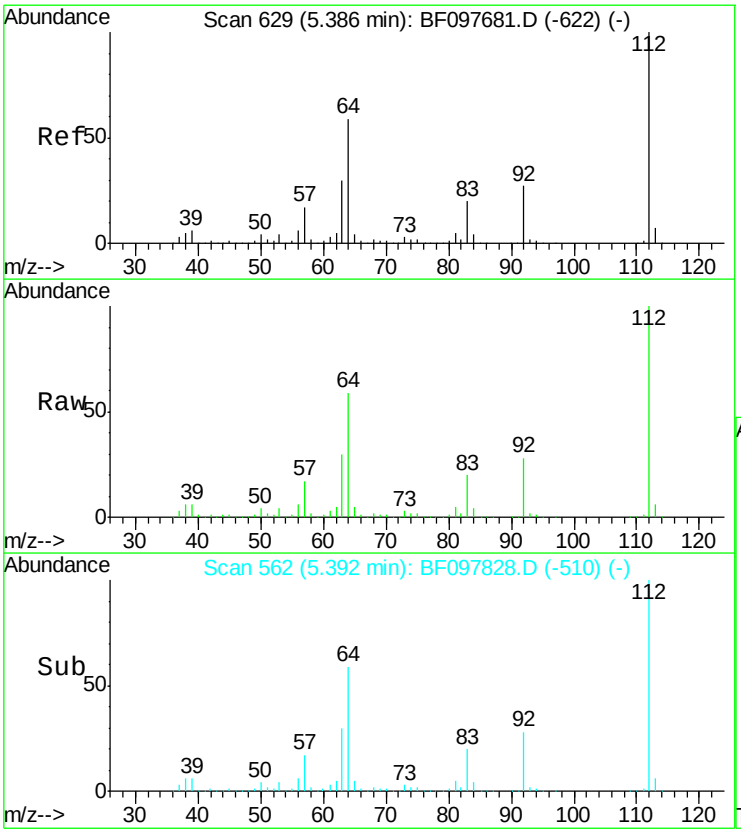
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.77 min Scan# 797
Delta R.T. -0.01 min
Lab File: BF097828.D
Acq: 18 Aug 2017 11:39

Instrument :
BNA_F
ClientSampleId :
E2-I10-ESWMSD

Tgt Ion:152 Resp: 131423

Ion	Ratio	Lower	Upper
152	100		
150	156.4	126.2	189.2
115	68.8	52.2	78.2

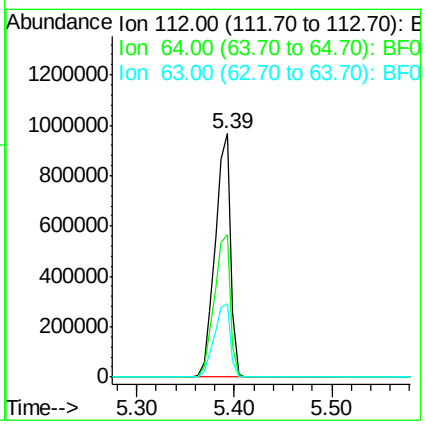


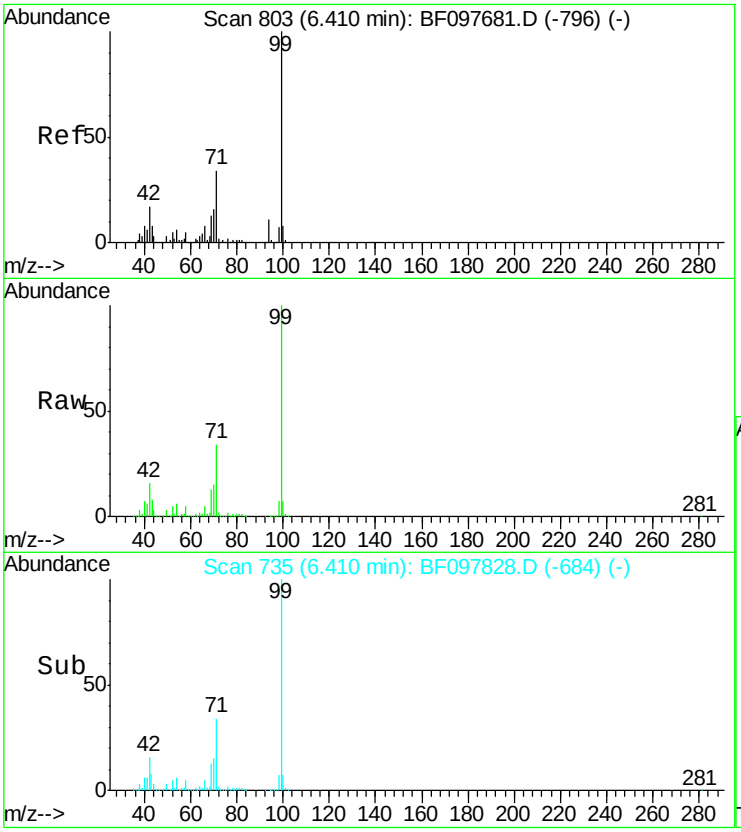


#5
2-Fluorophenol
Concen: 122.282 ng
RT: 5.39 min Scan# 562
Delta R.T. 0.01 min
Lab File: BF097828.D
Acq: 18 Aug 2017 11:39

Tgt Ion:112 Resp: 1056532

Ion	Ratio	Lower	Upper
112	100		
64	58.8	46.0	69.0
63	30.2	23.4	35.0



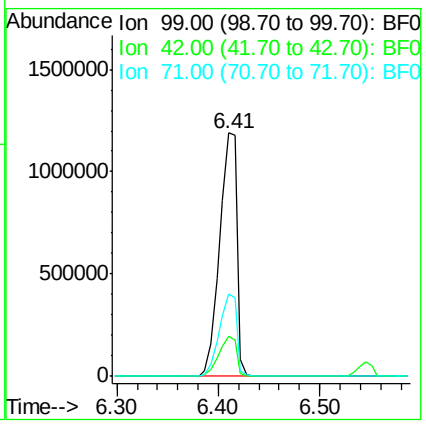


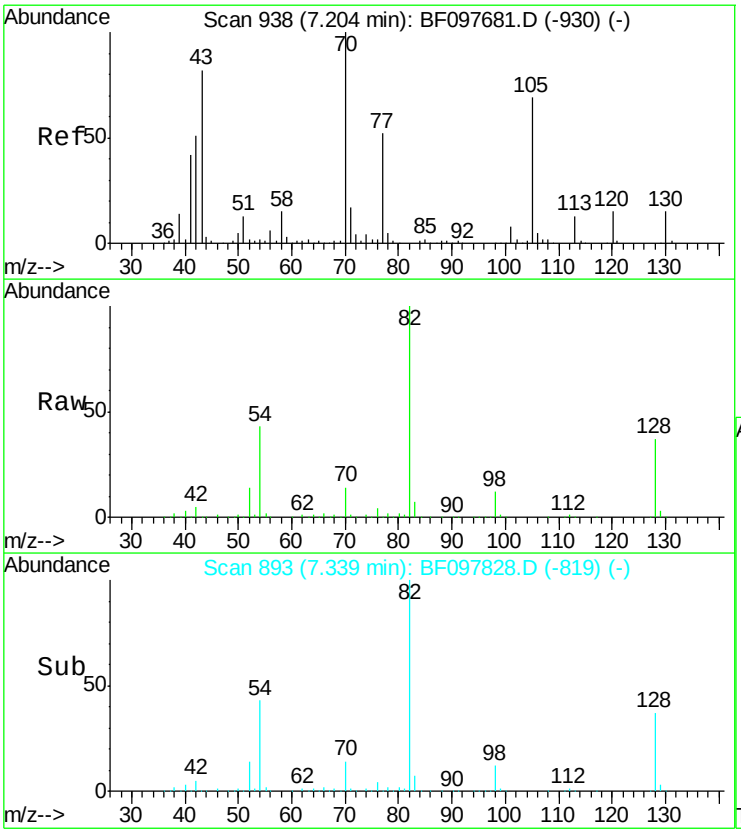
#7
Phenol-d6
Concen: 120.117 ng
RT: 6.41 min Scan# 735
Delta R.T. 0.00 min
Lab File: BF097828.D
Acq: 18 Aug 2017 11:39

Instrument :
BNA_F
ClientSampleId :
E2-I10-ESWMSD

Tgt Ion: 99 Resp: 1410107

Ion	Ratio	Lower	Upper
99	100		
42	16.3	13.5	20.3
71	33.7	24.5	36.7

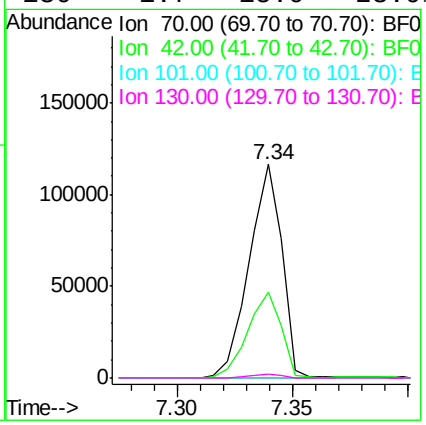


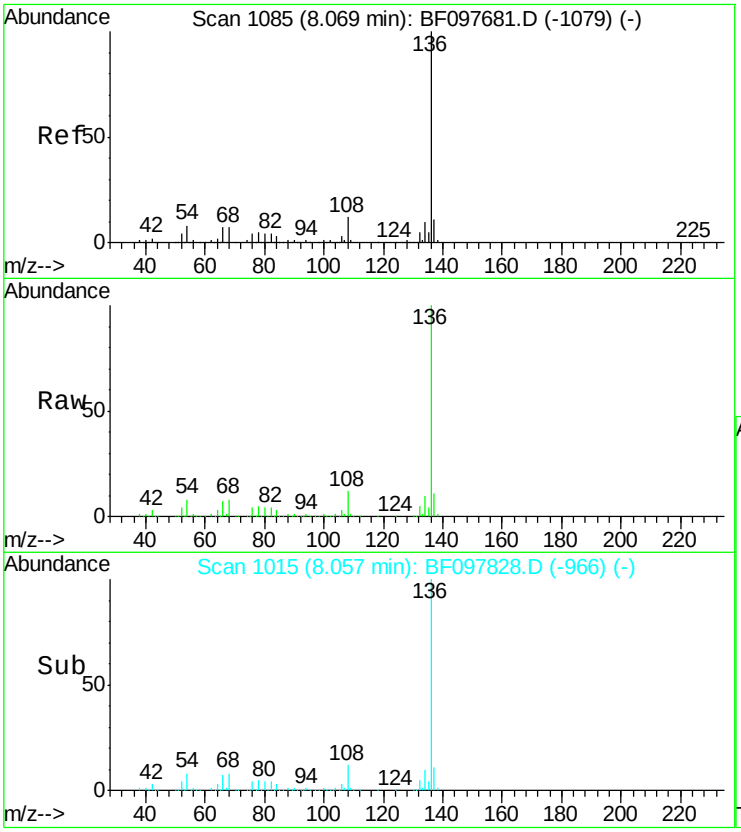


#19
n-Nitroso-di-n-propylamine
Concen: 14.446 ng
RT: 7.34 min Scan# 893
Delta R.T. 0.14 min
Lab File: BF097828.D
Acq: 18 Aug 2017 11:39

Tgt Ion: 70 Resp: 116096

Ion	Ratio	Lower	Upper
70	100		
42	39.9	47.2	70.8#
101	0.0	7.2	10.8#
130	1.7	15.9	23.9#



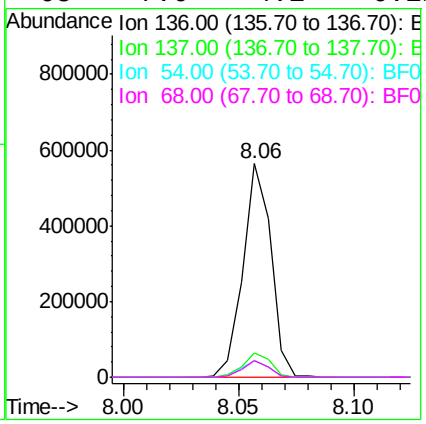


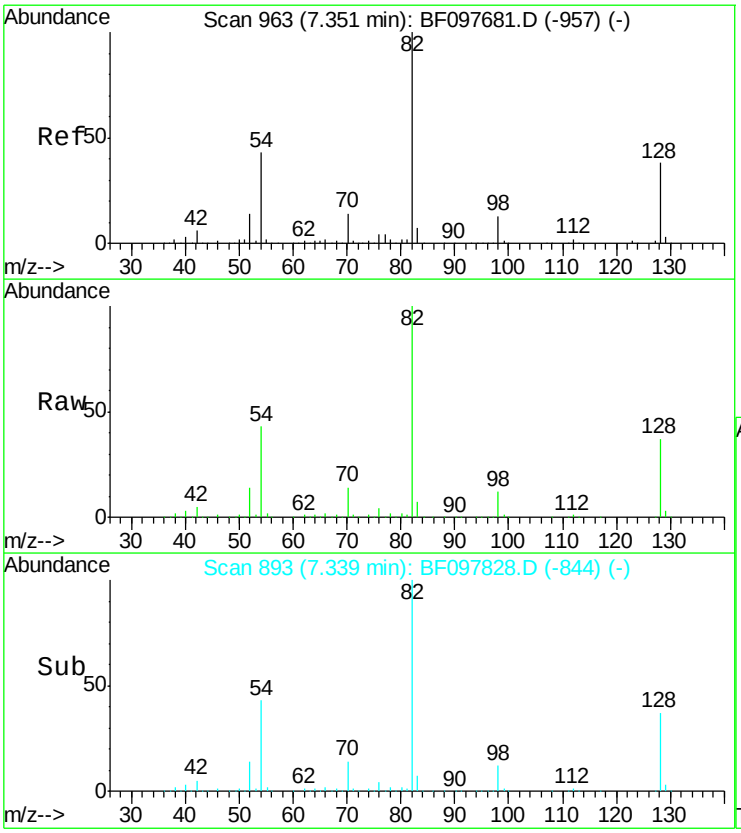
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.06 min Scan# 1015
Delta R.T. -0.01 min
Lab File: BF097828.D
Acq: 18 Aug 2017 11:39

Instrument :
BNA_F
ClientSampleId :
E2-I10-ESWMSD

Tgt Ion:136 Resp: 480722

Ion	Ratio	Lower	Upper
136	100		
137	11.2	8.5	12.7
54	8.1	4.9	7.3#
68	7.6	4.1	6.1#

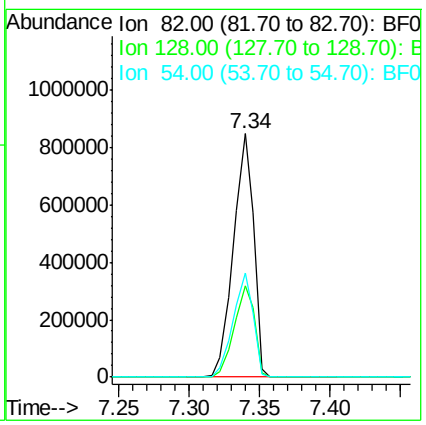


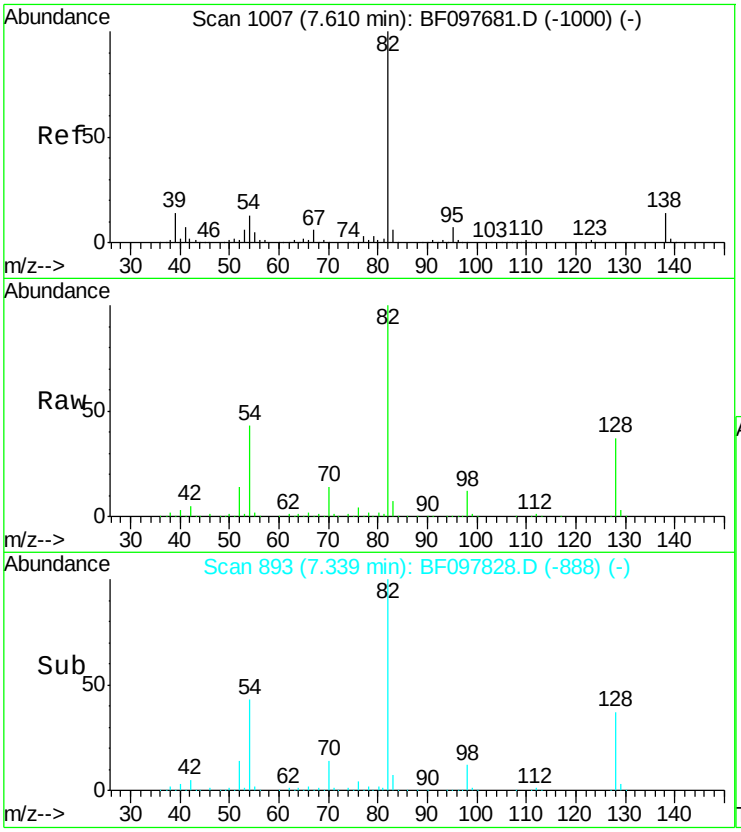


#23
Nitrobenzene-d5
Concen: 95.723 ng
RT: 7.34 min Scan# 893
Delta R.T. -0.01 min
Lab File: BF097828.D
Acq: 18 Aug 2017 11:39

Tgt Ion: 82 Resp: 847055

Ion	Ratio	Lower	Upper
82	100		
128	37.3	34.0	51.0
54	42.7	42.2	63.2



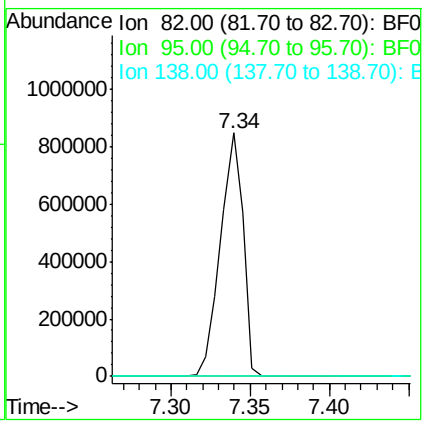


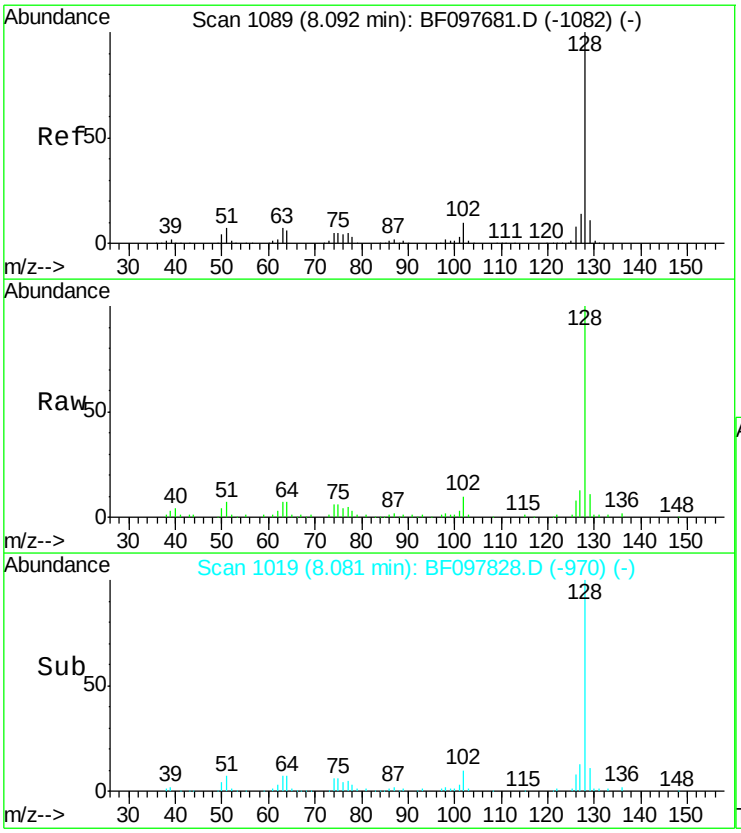
#25
Isophorone
Concen: 45.903 ng
RT: 7.34 min Scan# 893
Delta R.T. -0.27 min
Lab File: BF097828.D
Acq: 18 Aug 2017 11:39

Instrument :
BNA_F
ClientSampleId :
E2-I10-ESWMSD

Tgt Ion: 82 Resp: 844627

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

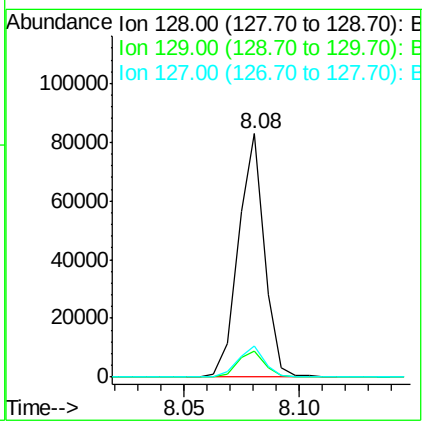


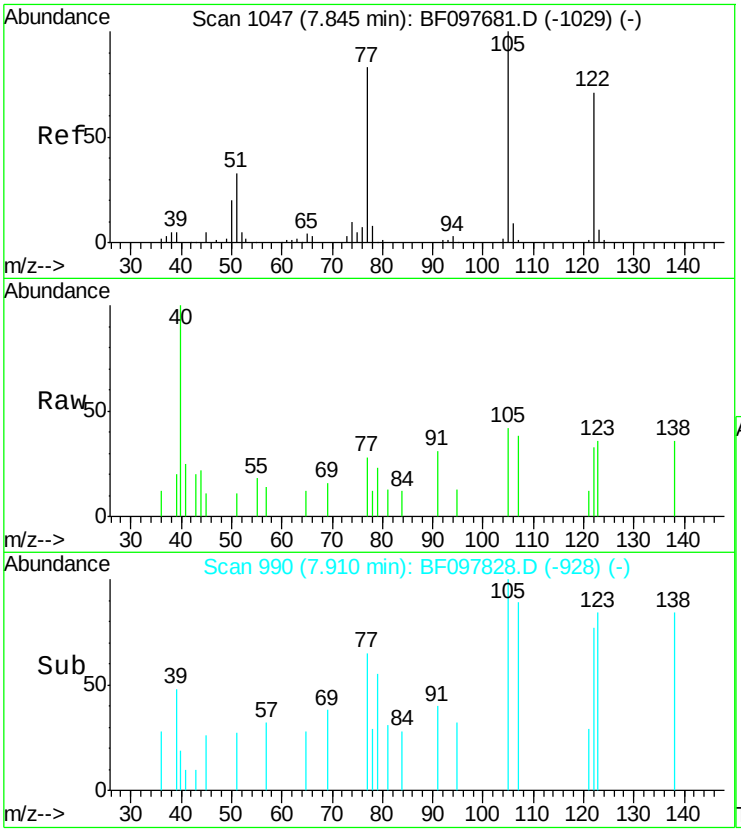


#31
Naphthalene
Concen: 2.598 ng
RT: 8.08 min Scan# 1019
Delta R.T. -0.01 min
Lab File: BF097828.D
Acq: 18 Aug 2017 11:39

Tgt Ion:128 Resp: 64849

Ion	Ratio	Lower	Upper
128	100		
129	10.6	9.0	13.6
127	12.9	10.8	16.2



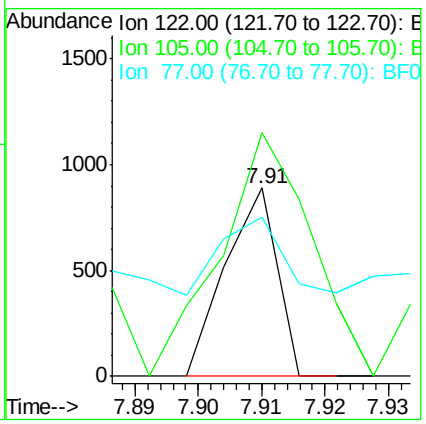


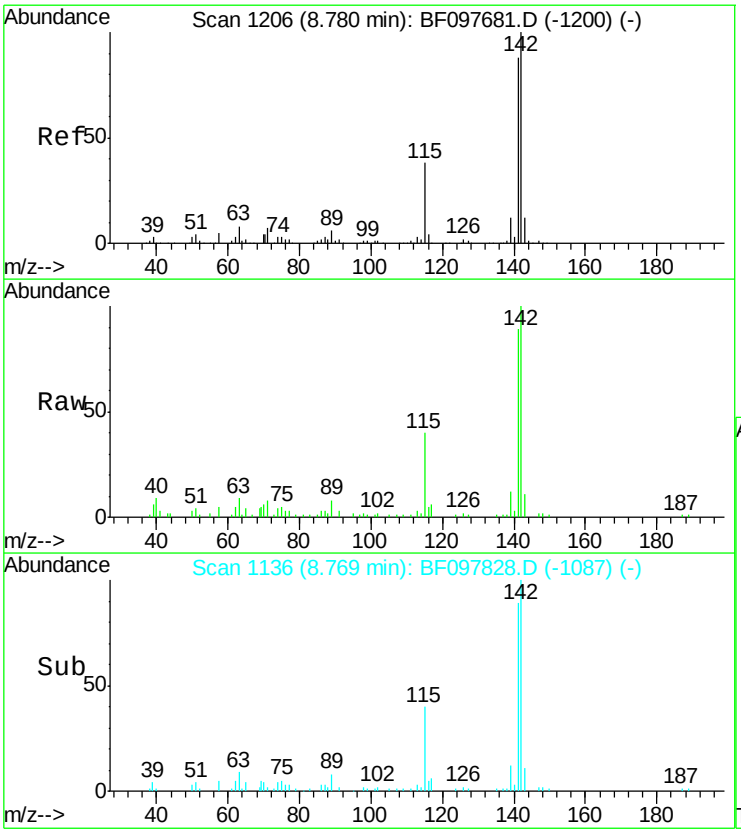
#32
Benzoic acid
Concen: 6.481 ng
RT: 7.91 min Scan# 990
Delta R.T. 0.06 min
Lab File: BF097828.D
Acq: 18 Aug 2017 11:39

Instrument :
BNA_F
ClientSampleId :
E2-I10-ESWMSD

Tgt Ion:122 Resp: 496

Ion	Ratio	Lower	Upper
122	100		
105	129.3	103.3	143.3
77	84.4	73.7	113.7

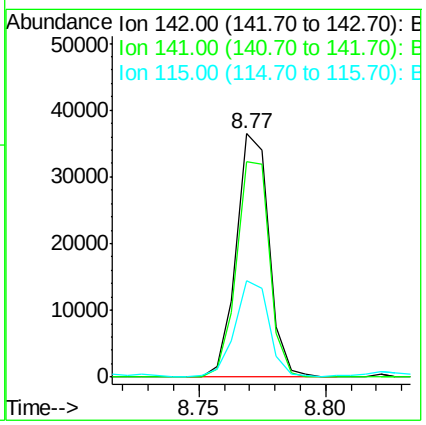


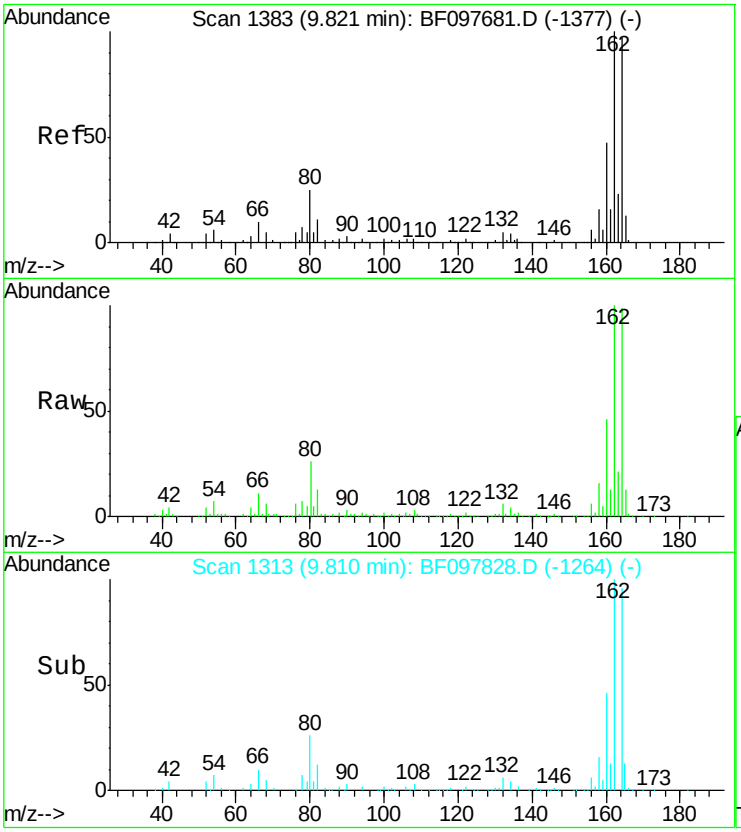


#37
2-Methylnaphthalene
Concen: 2.132 ng
RT: 8.77 min Scan# 1136
Delta R.T. -0.01 min
Lab File: BF097828.D
Acq: 18 Aug 2017 11:39

Tgt Ion:142 Resp: 32626

Ion	Ratio	Lower	Upper
142	100		
141	88.6	71.3	106.9
115	39.9	27.1	40.7



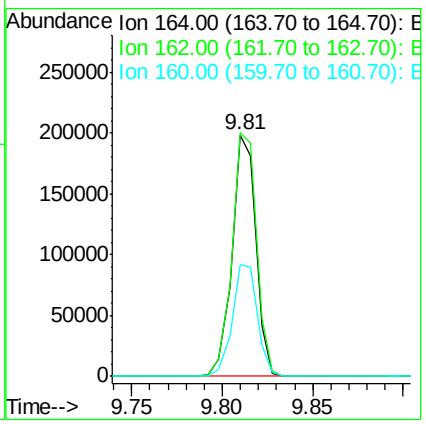


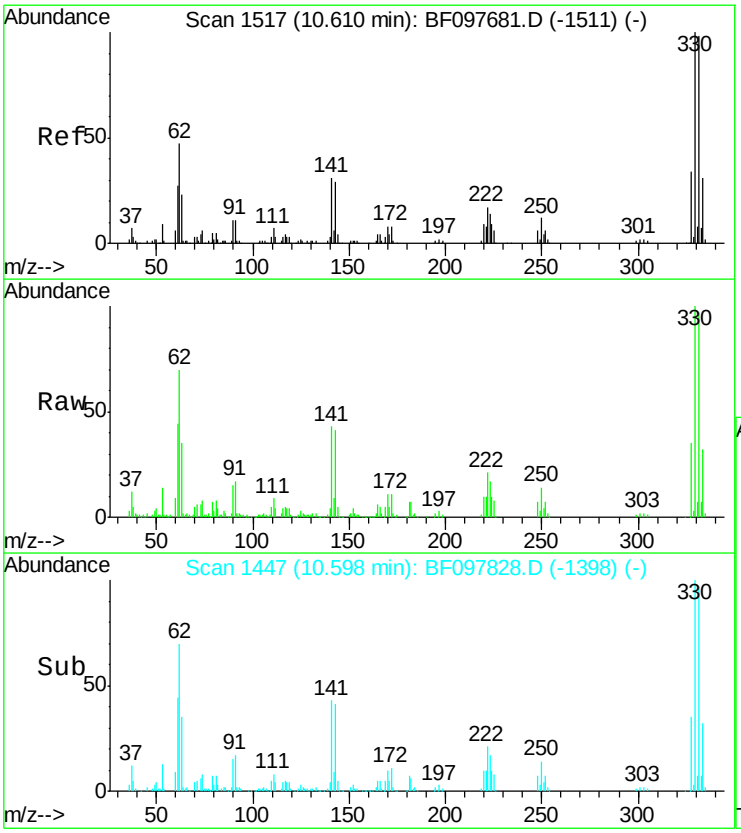
#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.81 min Scan# 1313
Delta R.T. -0.01 min
Lab File: BF097828.D
Acq: 18 Aug 2017 11:39

Instrument :
BNA_F
ClientSampleId :
E2-I10-ESWMSD

Tgt Ion:164 Resp: 181723

Ion	Ratio	Lower	Upper
164	100		
162	100.8	82.6	123.8
160	46.5	36.2	54.2

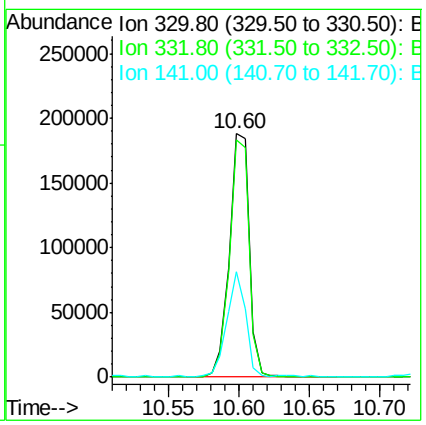


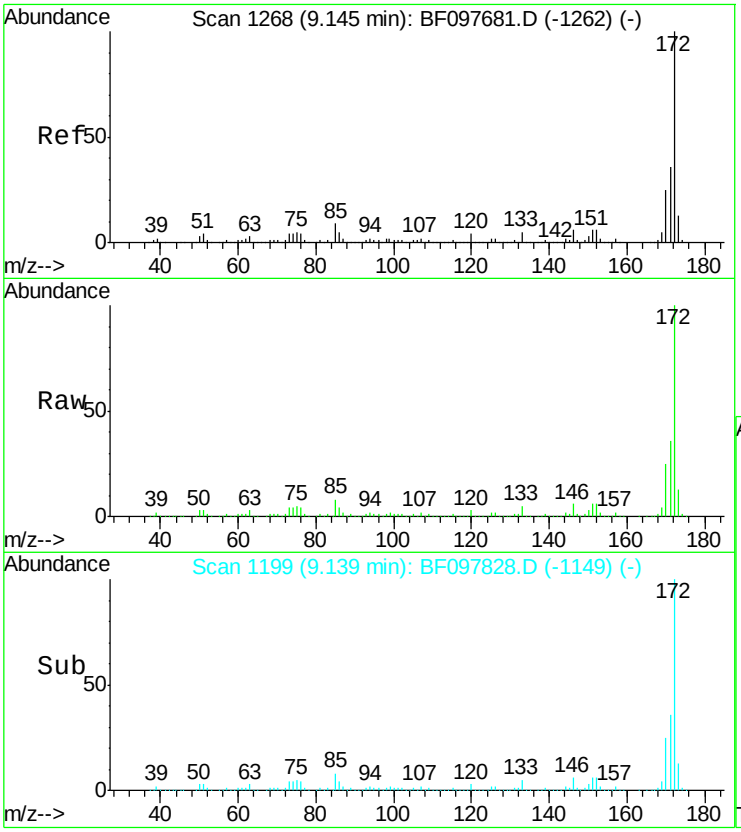


#41
2,4,6-Tribromophenol
Concen: 117.106 ng
RT: 10.60 min Scan# 1447
Delta R.T. -0.01 min
Lab File: BF097828.D
Acq: 18 Aug 2017 11:39

Tgt Ion:330 Resp: 184646

Ion	Ratio	Lower	Upper
330	100		
332	96.4	76.6	115.0
141	39.8	31.4	47.2



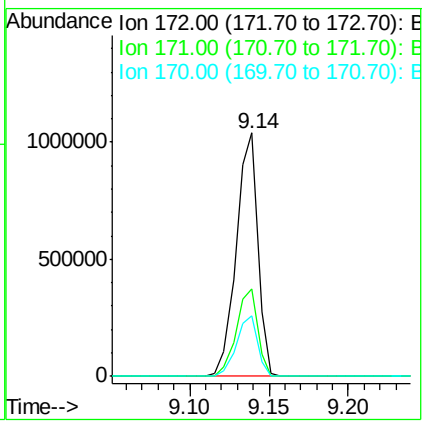


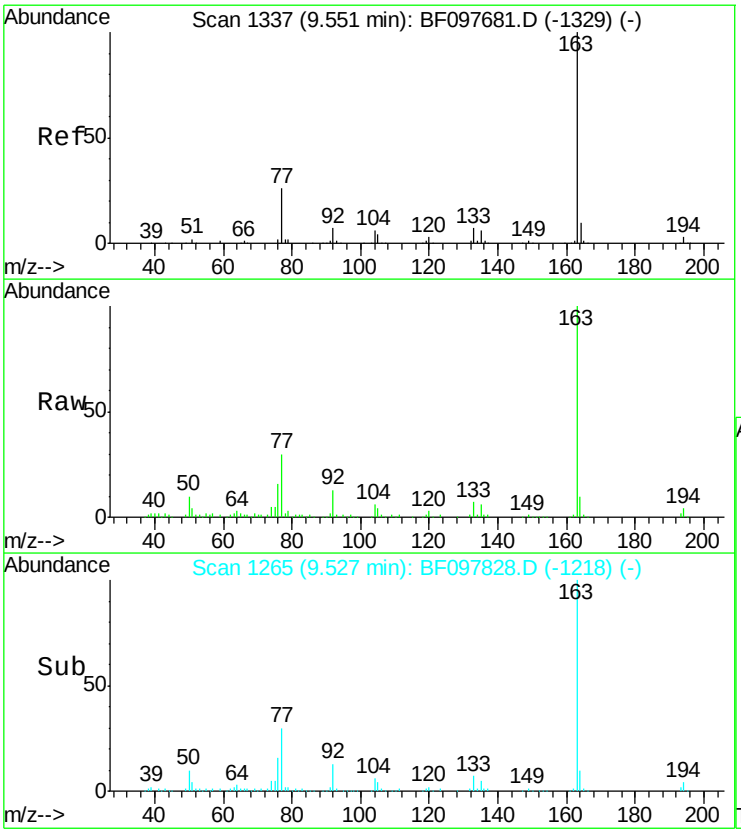
#44
2-Fluorobiphenyl
Concen: 79.113 ng
RT: 9.14 min Scan# 1199
Delta R.T. -0.01 min
Lab File: BF097828.D
Acq: 18 Aug 2017 11:39

Instrument : BNA_F
ClientSampleId : E2-I10-ESWMSD

Tgt Ion:172 Resp: 978536

Ion	Ratio	Lower	Upper
172	100		
171	36.2	29.6	44.4
170	24.6	19.8	29.8

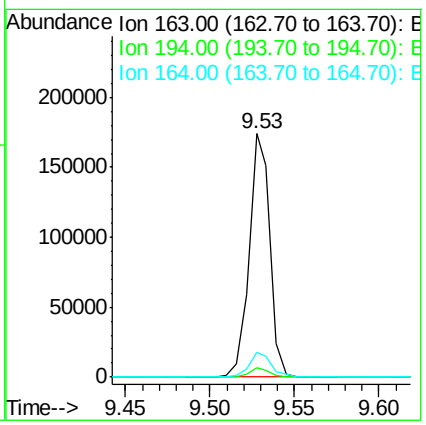


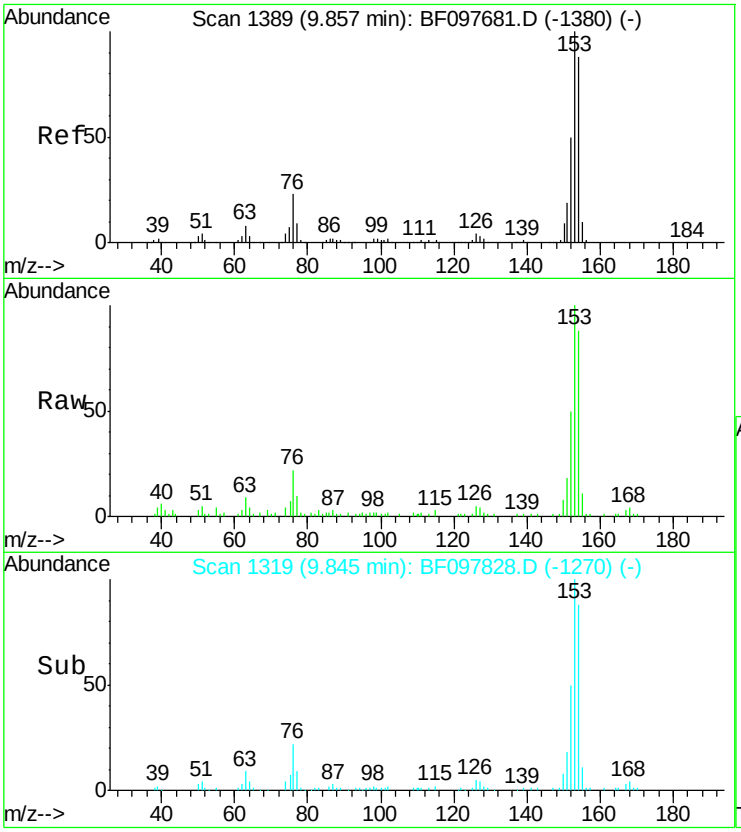


#49
Dimethylphthalate
Concen: 11.265 ng
RT: 9.53 min Scan# 1265
Delta R.T. -0.02 min
Lab File: BF097828.D
Acq: 18 Aug 2017 11:39

Tgt Ion:163 Resp: 149640

Ion	Ratio	Lower	Upper
163	100		
194	3.6	2.6	4.0
164	10.0	8.4	12.6



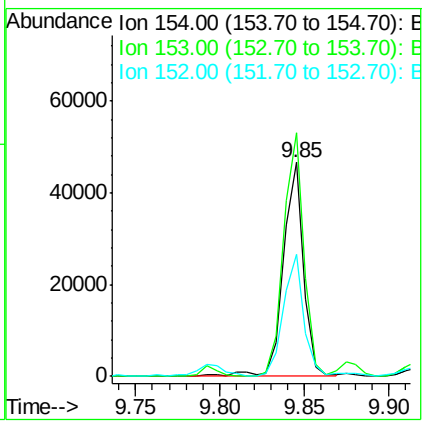


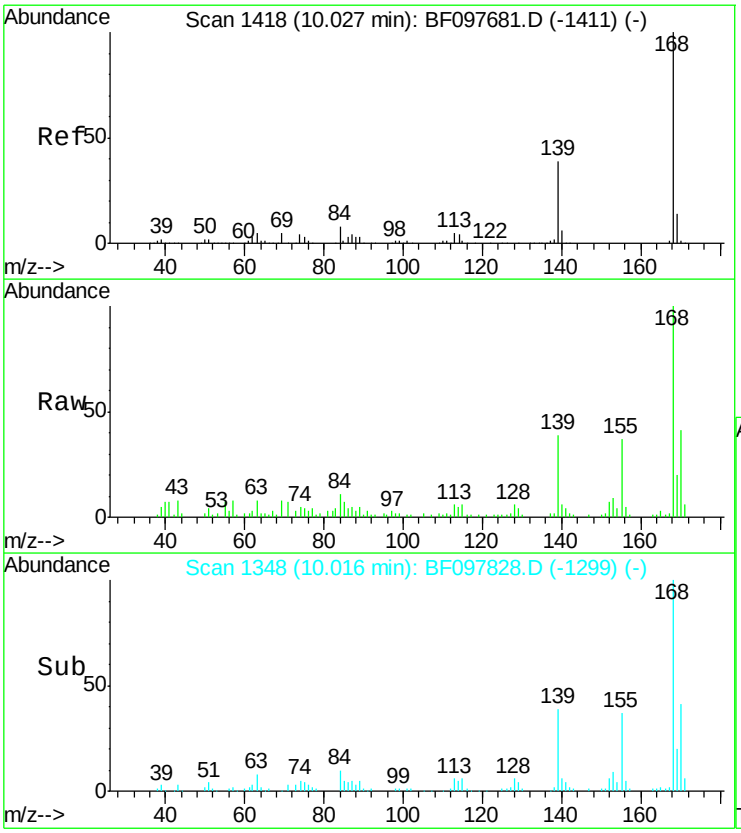
#51
Acenaphthene
Concen: 3.212 ng
RT: 9.85 min Scan# 1319
Delta R.T. -0.01 min
Lab File: BF097828.D
Acq: 18 Aug 2017 11:39

Instrument :
BNA_F
ClientSampleId :
E2-I10-ESWMSD

Tgt Ion:154 Resp: 38945

Ion	Ratio	Lower	Upper
154	100		
153	113.8	90.5	135.7
152	57.0	43.6	65.4

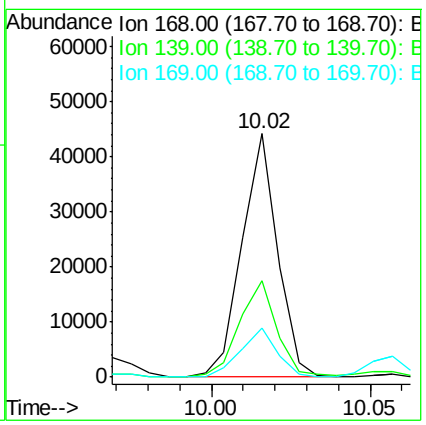


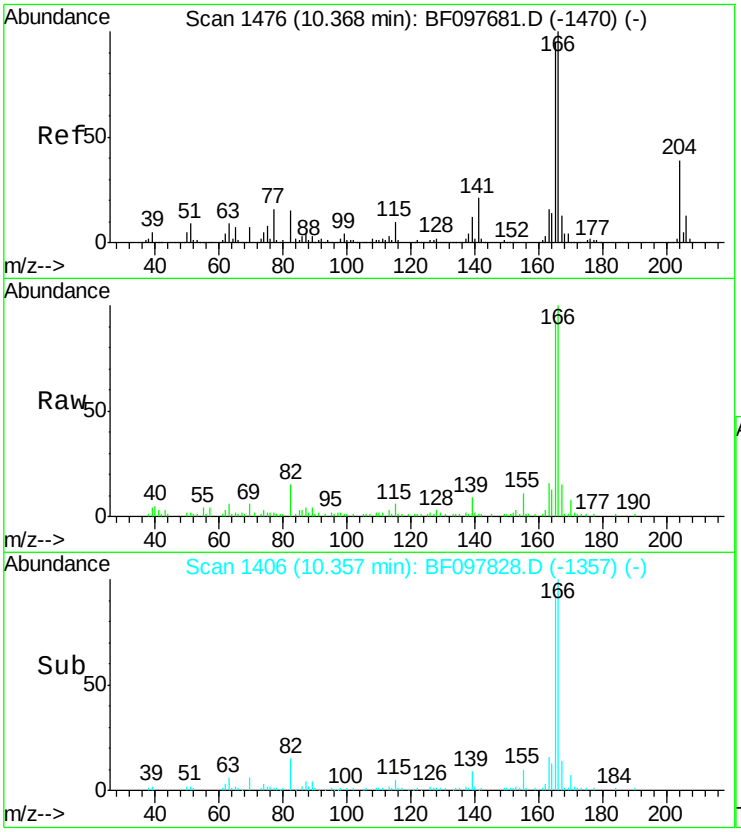


#54
Dibenzofuran
Concen: 2.119 ng
RT: 10.02 min Scan# 1348
Delta R.T. -0.01 min
Lab File: BF097828.D
Acq: 18 Aug 2017 11:39

Tgt Ion:168 Resp: 34438

Ion	Ratio	Lower	Upper
168	100		
139	39.4	30.6	45.8
169	20.3	10.8	16.2#



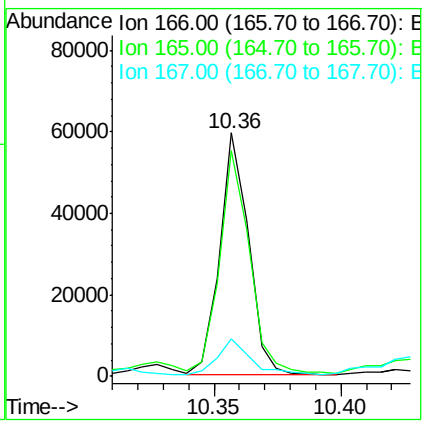


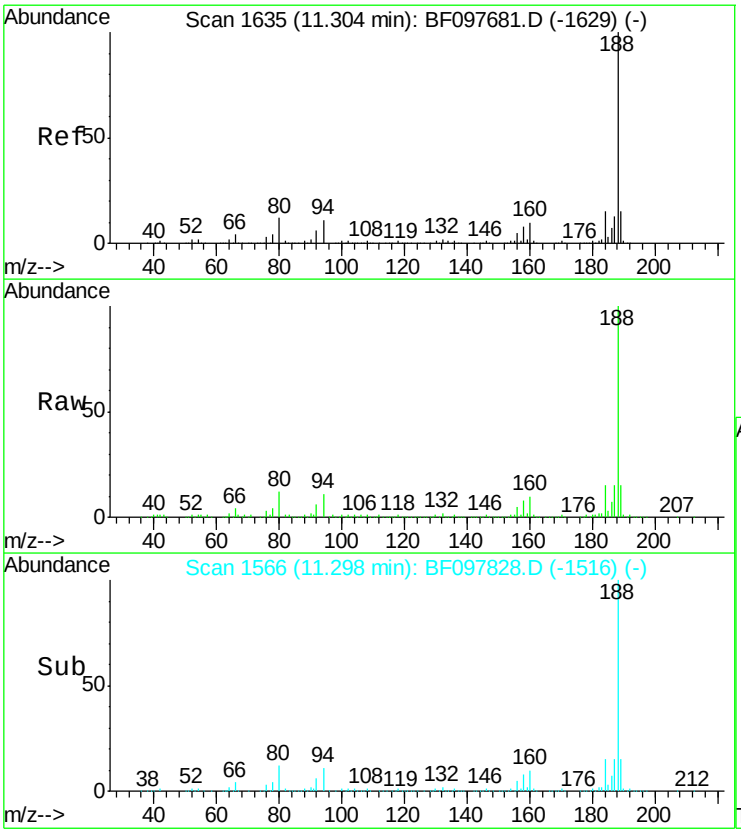
#57
Fluorene
Concen: 3.756 ng
RT: 10.36 min Scan# 1406
Delta R.T. -0.01 min
Lab File: BF097828.D
Acq: 18 Aug 2017 11:39

Instrument :
BNA_F
ClientSampleId :
E2-I10-ESWMSD

Tgt Ion:166 Resp: 47198

Ion	Ratio	Lower	Upper
166	100		
165	92.6	78.8	118.2
167	15.3	10.6	16.0

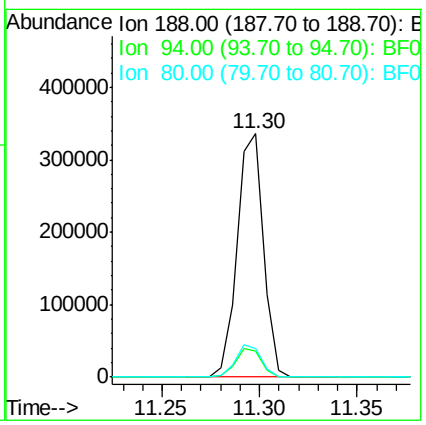


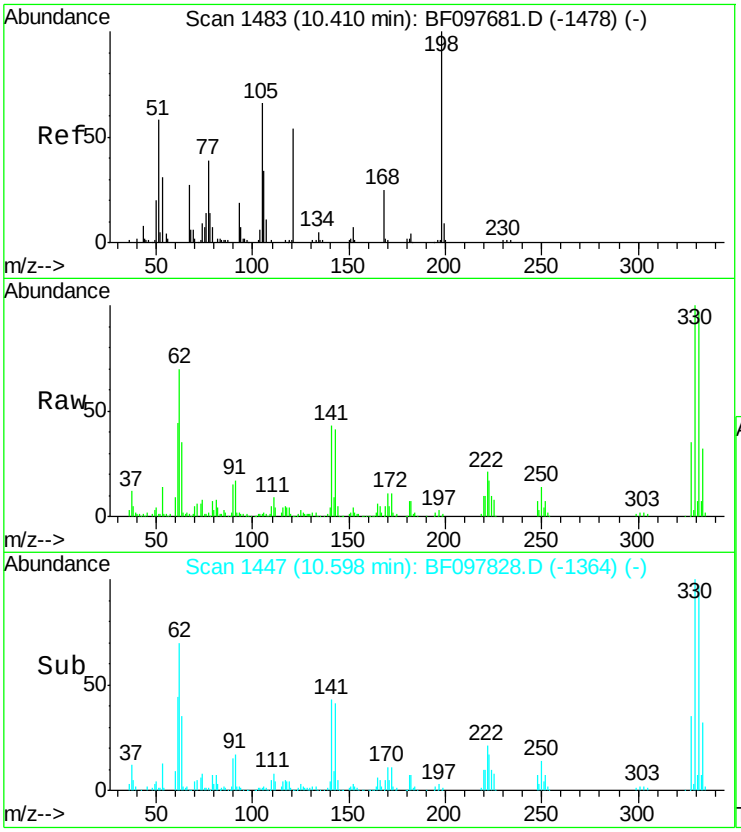


#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.30 min Scan# 1566
Delta R.T. -0.01 min
Lab File: BF097828.D
Acq: 18 Aug 2017 11:39

Tgt Ion:188 Resp: 312681

Ion	Ratio	Lower	Upper
188	100		
94	10.7	9.4	14.2
80	11.9	10.2	15.2



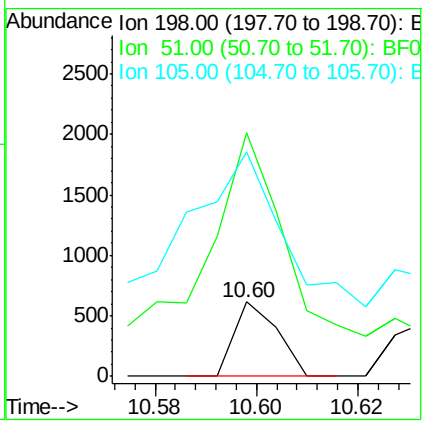


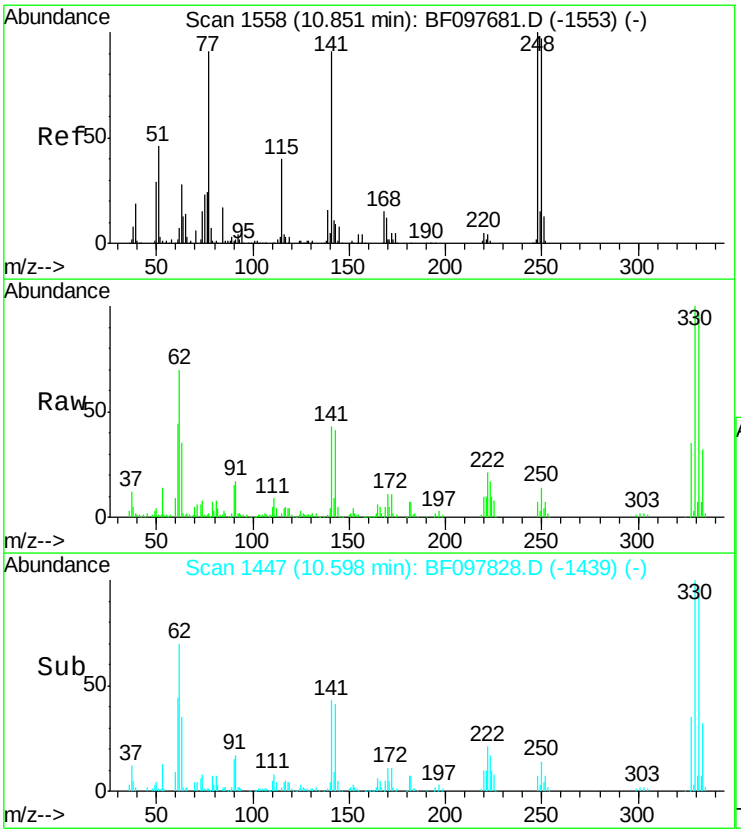
#64
4,6-Dinitro-2-methylphenol
Concen: 8.522 ng
RT: 10.60 min Scan# 1447
Delta R.T. 0.19 min
Lab File: BF097828.D
Acq: 18 Aug 2017 11:39

Instrument :
BNA_F
ClientSampleId :
E2-I10-ESWMSD

Tgt Ion:198 Resp: 359

Ion	Ratio	Lower	Upper
198	100		
51	327.2	53.2	93.2#
105	301.3	45.8	85.8#

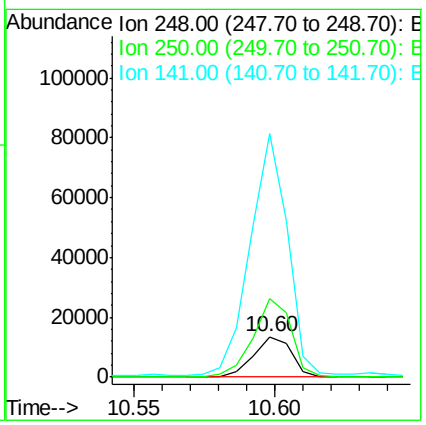


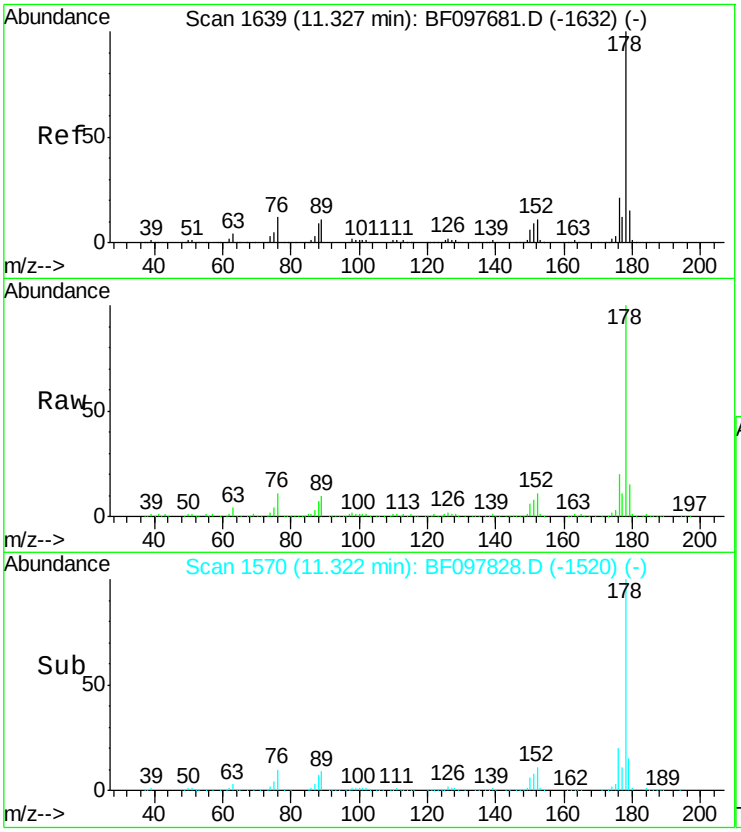


#66
4-Bromophenyl-phenylether
Concen: 3.898 ng
RT: 10.60 min Scan# 1447
Delta R.T. -0.25 min
Lab File: BF097828.D
Acq: 18 Aug 2017 11:39

Tgt Ion:248 Resp: 12658

Ion	Ratio	Lower	Upper
248	100		
250	194.7	76.8	115.2#
141	606.2	68.6	103.0#



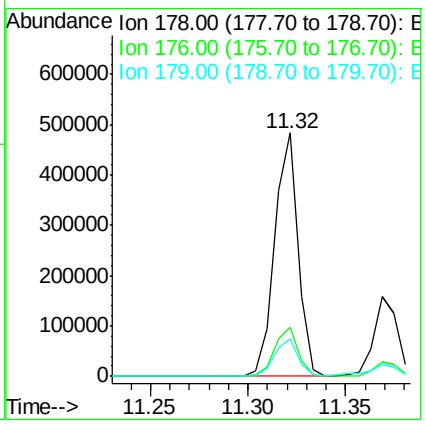


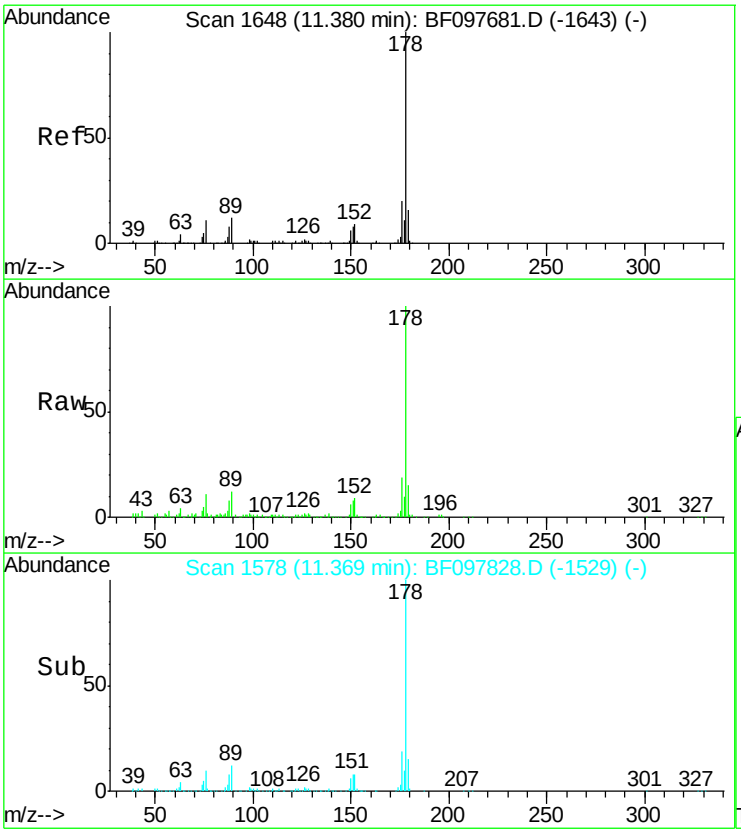
#70
Phenanthrene
Concen: 24.144 ng
RT: 11.32 min Scan# 1570
Delta R.T. -0.01 min
Lab File: BF097828.D
Acq: 18 Aug 2017 11:39

Instrument :
BNA_F
ClientSampleId :
E2-I10-ESWMSD

Tgt Ion:178 Resp: 402280

Ion	Ratio	Lower	Upper
178	100		
176	20.0	16.2	24.4
179	15.5	12.6	19.0

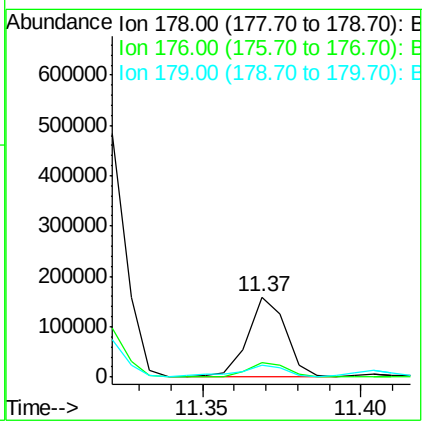


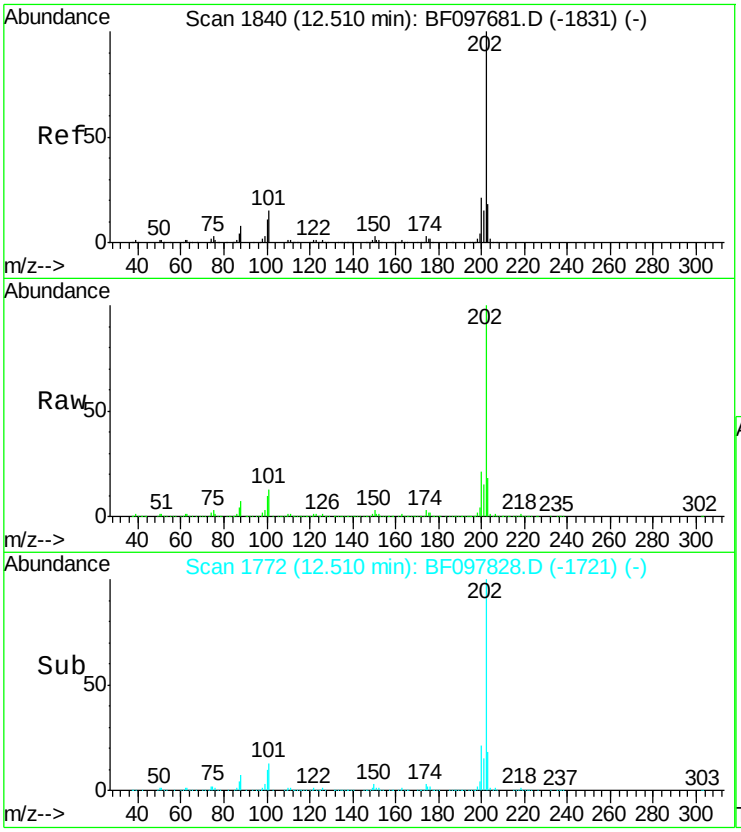


#71
Anthracene
Concen: 7.739 ng
RT: 11.37 min Scan# 1578
Delta R.T. -0.01 min
Lab File: BF097828.D
Acq: 18 Aug 2017 11:39

Tgt Ion:178 Resp: 130782

Ion	Ratio	Lower	Upper
178	100		
176	18.8	15.8	23.8
179	15.1	12.7	19.1



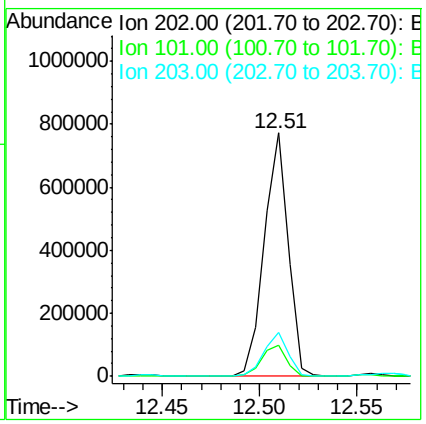


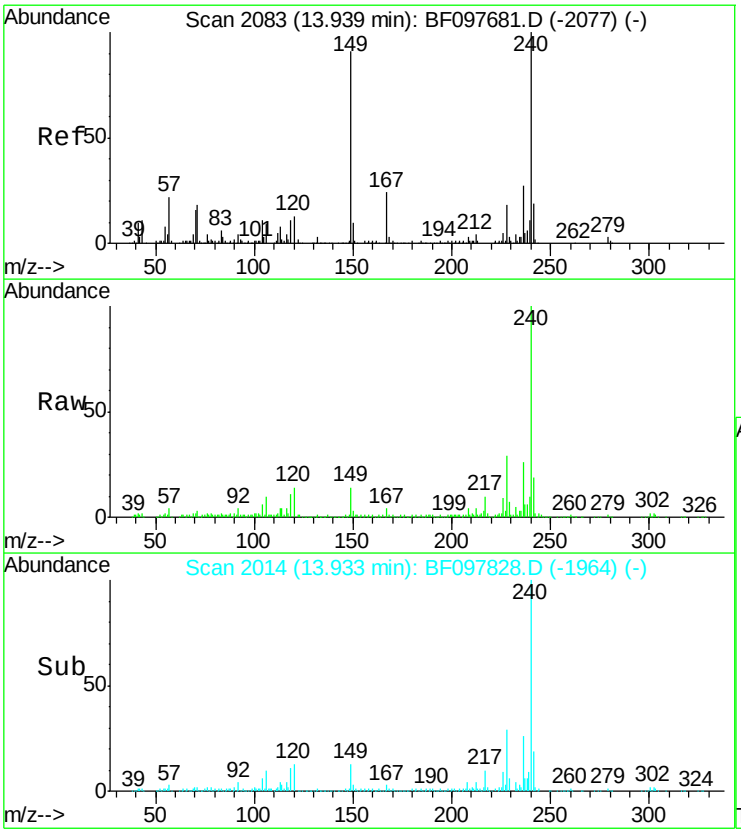
#74
Fluoranthene
Concen: 37.671 ng
RT: 12.51 min Scan# 1772
Delta R.T. 0.00 min
Lab File: BF097828.D
Acq: 18 Aug 2017 11:39

Instrument :
BNA_F
ClientSampleId :
E2-I10-ESWMSD

Tgt Ion:202 Resp: 655137

Ion	Ratio	Lower	Upper
202	100		
101	13.0	0.0	33.2
203	17.8	0.0	38.1

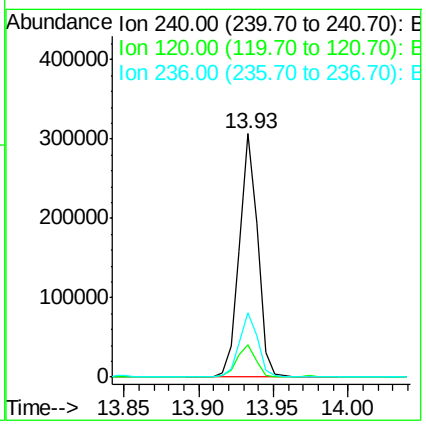


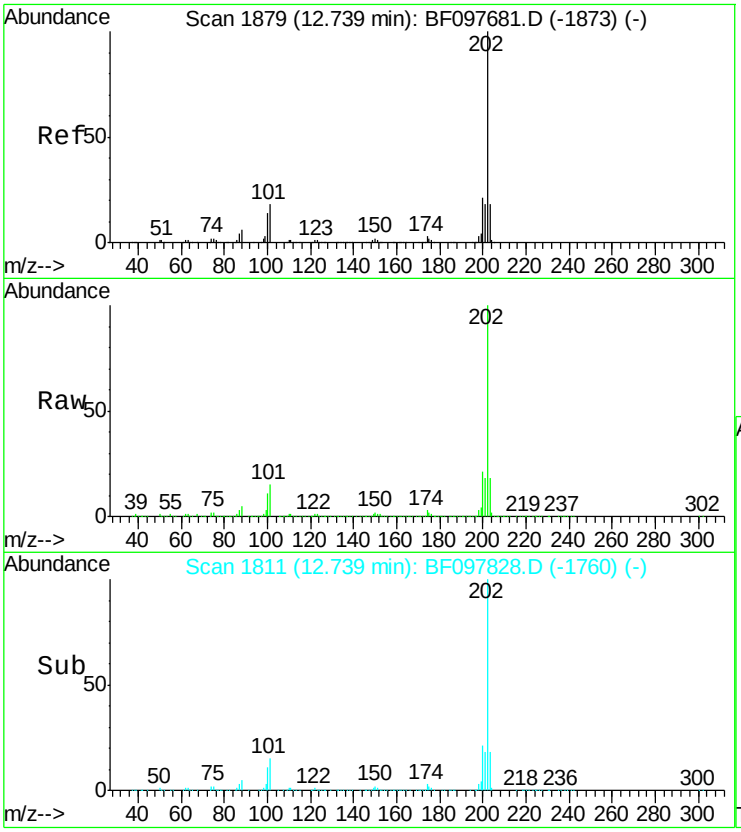


#75
Chrysene-d12
Concen: 20.000 ng
RT: 13.93 min Scan# 2014
Delta R.T. -0.01 min
Lab File: BF097828.D
Acq: 18 Aug 2017 11:39

Tgt Ion:240 Resp: 261906

Ion	Ratio	Lower	Upper
240	100		
120	13.5	5.8	8.8#
236	26.3	20.5	30.7



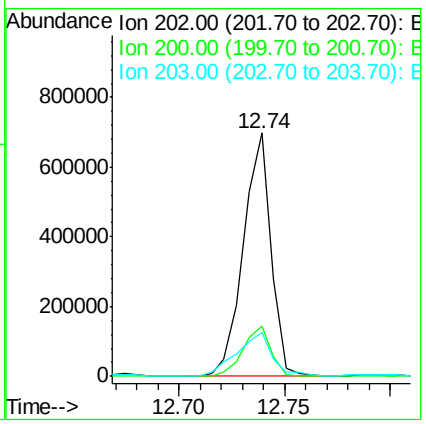


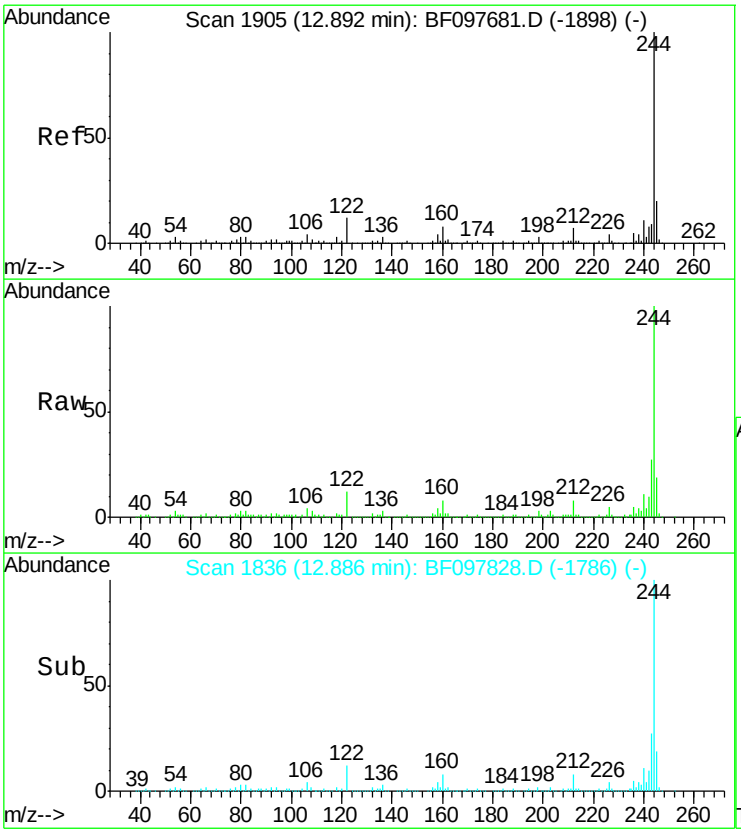
#77
Pyrene
Concen: 29.619 ng
RT: 12.74 min Scan# 1811
Delta R.T. 0.00 min
Lab File: BF097828.D
Acq: 18 Aug 2017 11:39

Instrument :
BNA_F
ClientSampleId :
E2-I10-ESWMSD

Tgt Ion:202 Resp: 634469

Ion	Ratio	Lower	Upper
202	100		
200	20.9	17.6	26.4
203	18.1	14.4	21.6

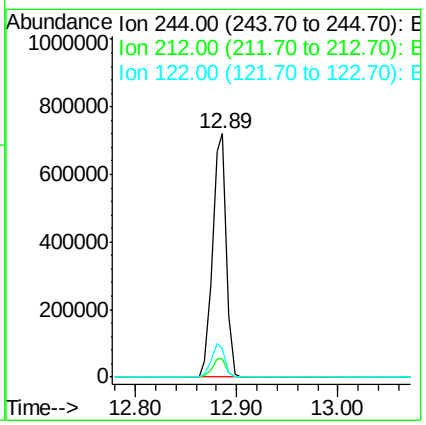


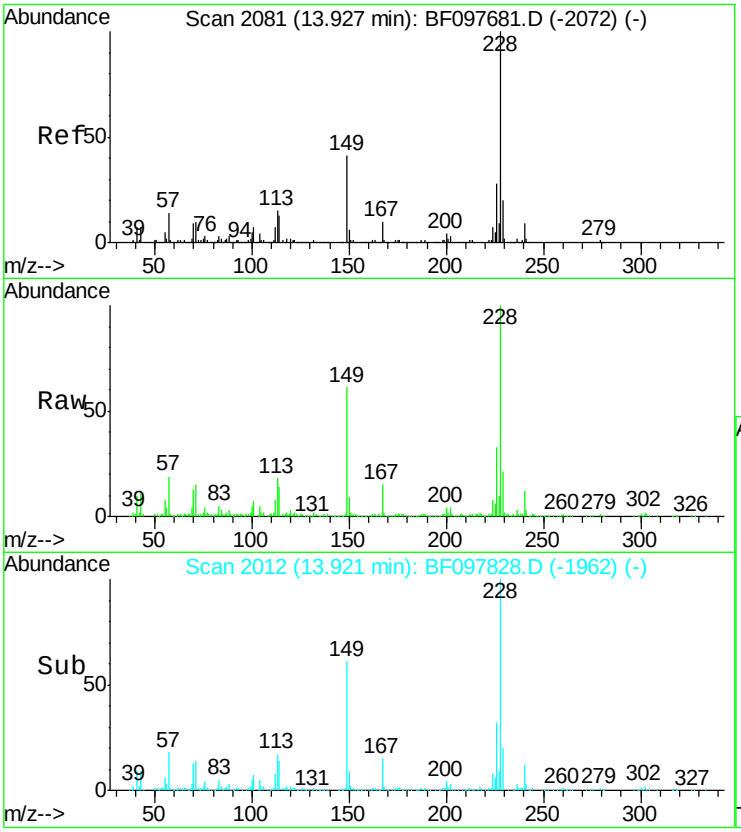


#78
Terphenyl-d14
Concen: 53.687 ng
RT: 12.89 min Scan# 1836
Delta R.T. -0.01 min
Lab File: BF097828.D
Acq: 18 Aug 2017 11:39

Tgt Ion:244 Resp: 674278

Ion	Ratio	Lower	Upper
244	100		
212	7.6	6.0	9.0
122	11.5	10.3	15.5



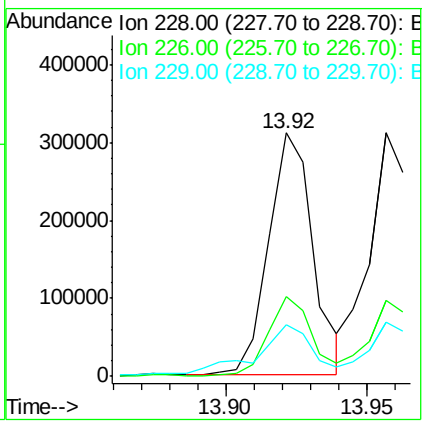


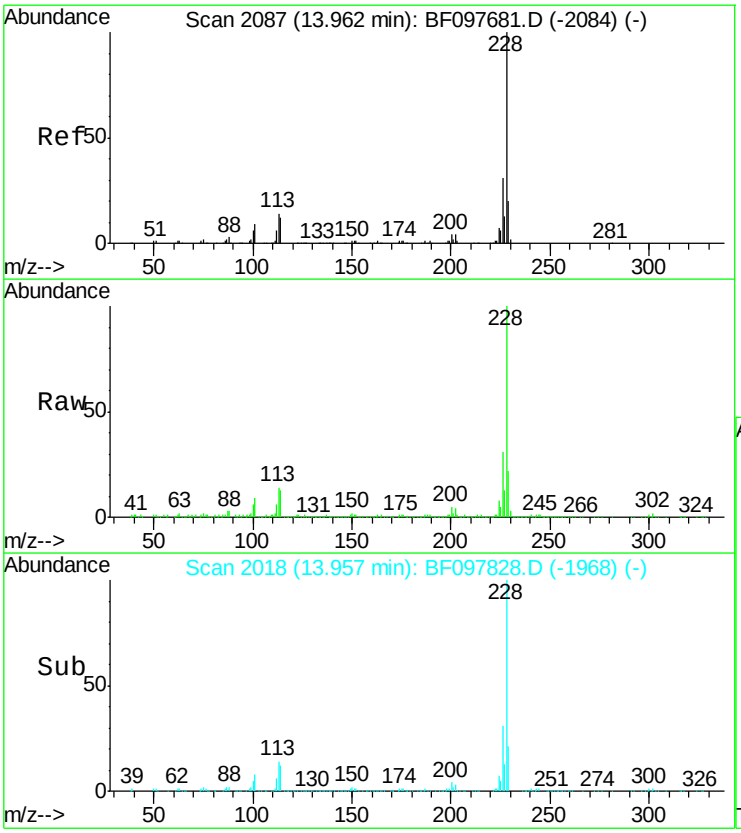
#80
Benzo(a)anthracene
Concen: 21.636 ng
RT: 13.92 min Scan# 2012
Delta R.T. -0.01 min
Lab File: BF097828.D
Acq: 18 Aug 2017 11:39

Instrument :
BNA_F
ClientSampleId :
E2-I10-ESWMSD

Tgt Ion:228 Resp: 339617

Ion	Ratio	Lower	Upper
228	100		
226	32.7	22.6	33.8
229	21.2	16.3	24.5

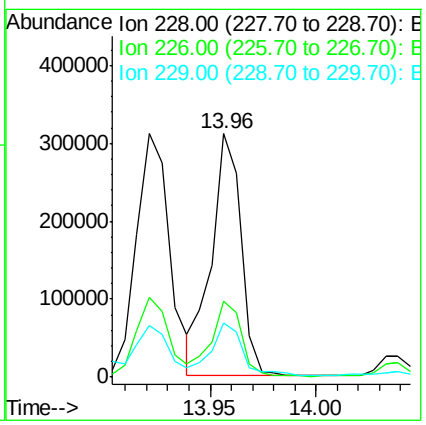


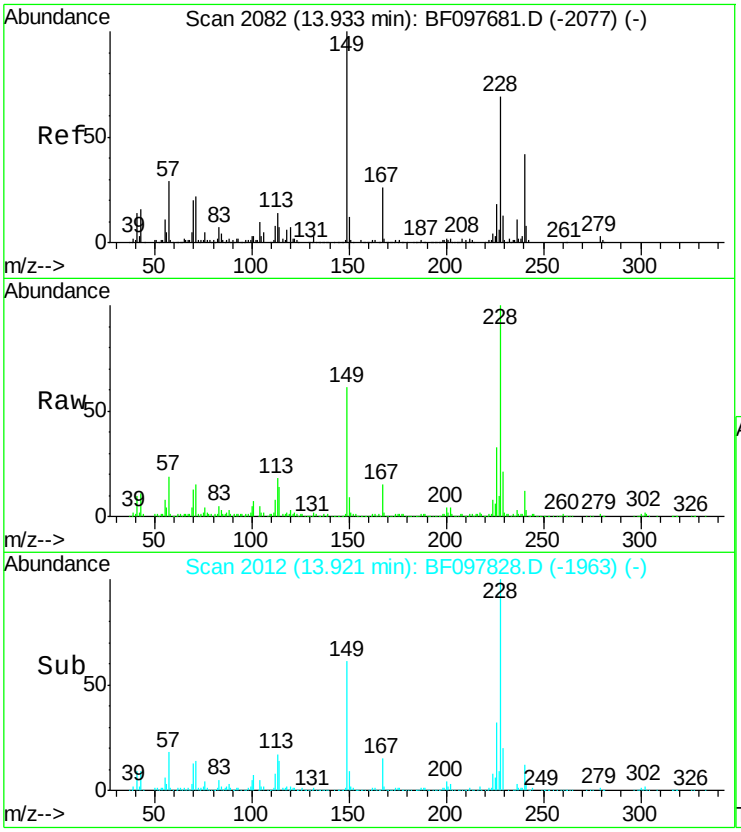


#82
Chrysene
Concen: 19.448 ng
RT: 13.96 min Scan# 2018
Delta R.T. -0.01 min
Lab File: BF097828.D
Acq: 18 Aug 2017 11:39

Tgt Ion:228 Resp: 303677

Ion	Ratio	Lower	Upper
228	100		
226	31.3	24.9	37.3
229	22.0	15.8	23.6



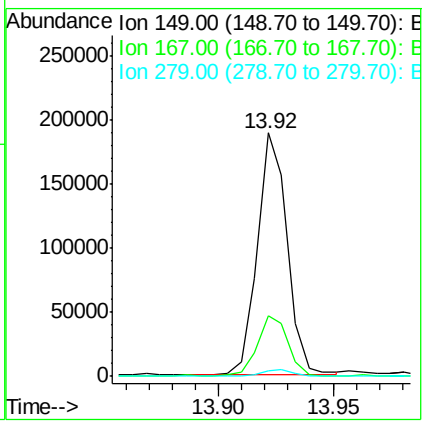


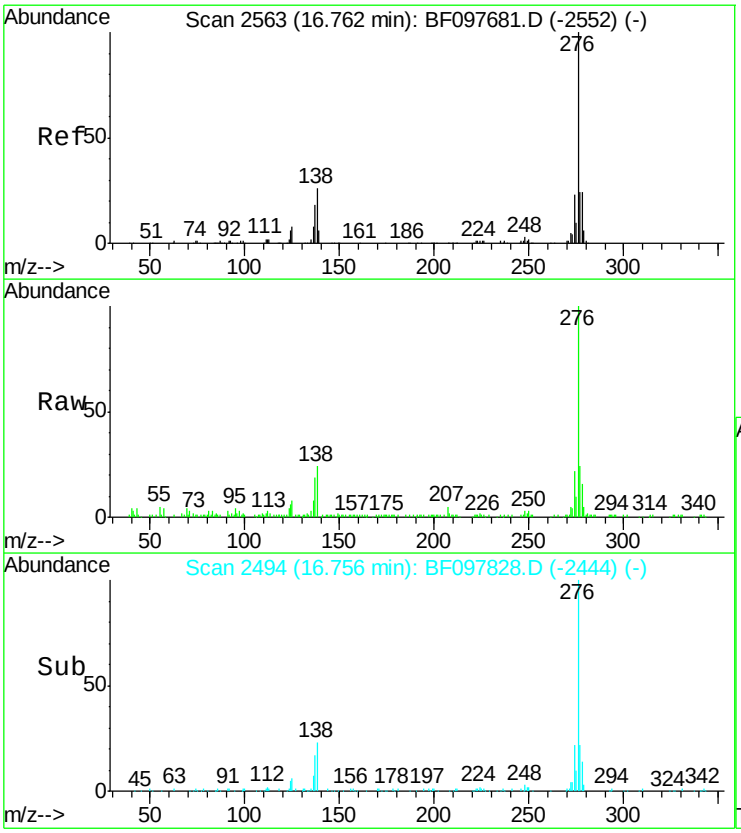
#83
Bis(2-ethylhexyl)phthalate
Concen: 18.515 ng
RT: 13.92 min Scan# 2012
Delta R.T. -0.01 min
Lab File: BF097828.D
Acq: 18 Aug 2017 11:39

Instrument :
BNA_F
ClientSampleId :
E2-I10-ESWMSD

Tgt Ion:149 Resp: 168502

Ion	Ratio	Lower	Upper
149	100		
167	24.8	21.0	31.4
279	2.4	1.9	2.9

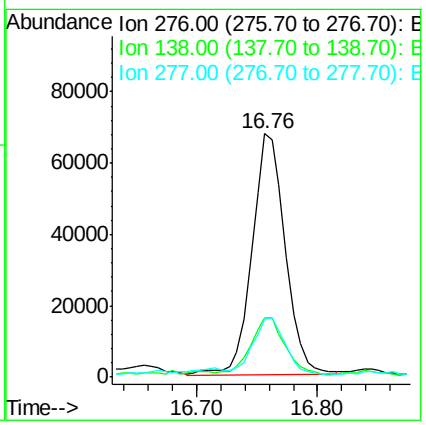


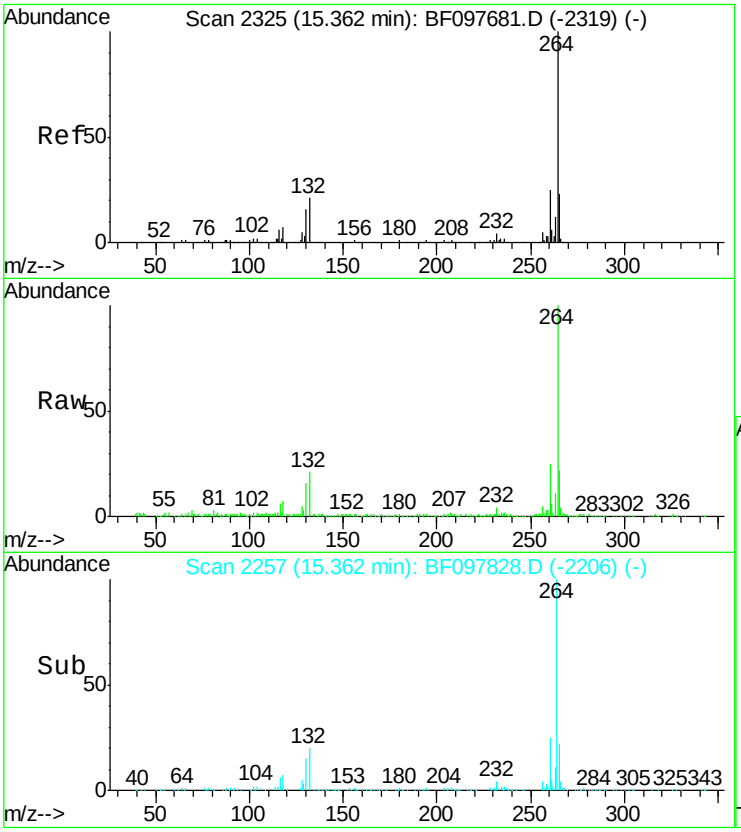


#85
Indeno(1,2,3-cd)pyrene
Concen: 11.174 ng
RT: 16.76 min Scan# 2494
Delta R.T. -0.01 min
Lab File: BF097828.D
Acq: 18 Aug 2017 11:39

Tgt Ion:276 Resp: 128358

Ion	Ratio	Lower	Upper
276	100		
138	24.0	27.8	41.6#
277	23.2	20.2	30.4



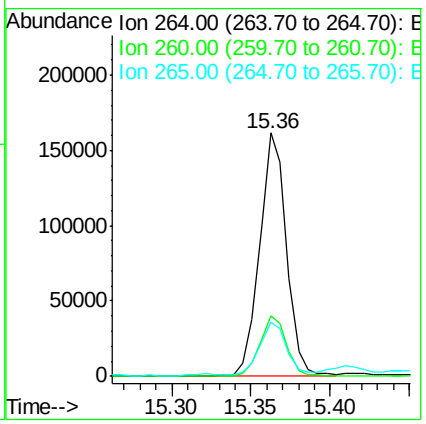


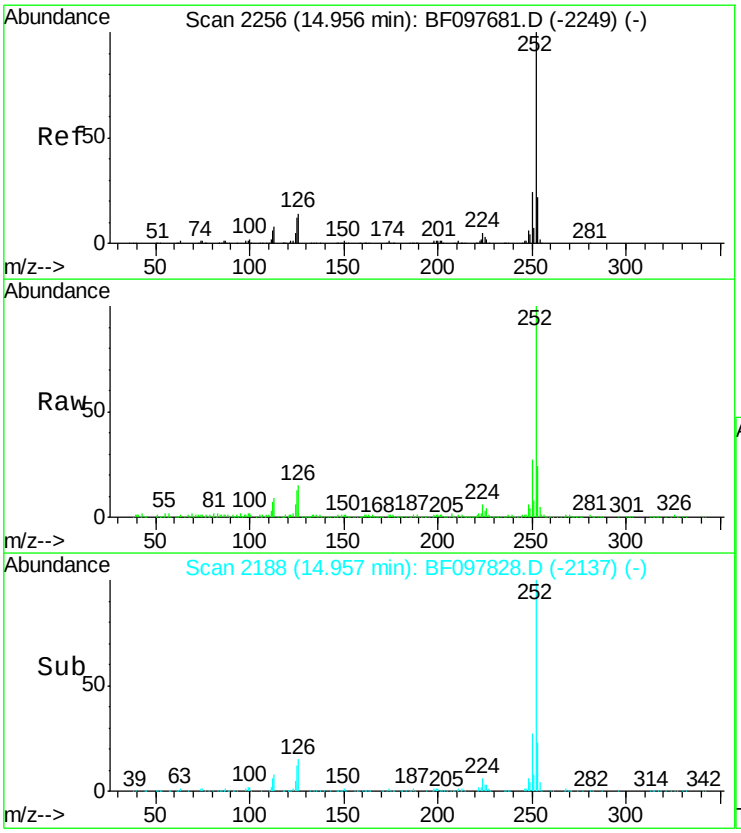
#86
Perylene-d12
Concen: 20.000 ng
RT: 15.36 min Scan# 2257
Delta R.T. 0.00 min
Lab File: BF097828.D
Acq: 18 Aug 2017 11:39

Instrument :
BNA_F
ClientSampleId :
E2-I10-ESWMSD

Tgt Ion:264 Resp: 192332

Ion	Ratio	Lower	Upper
264	100		
260	25.0	19.5	29.3
265	22.4	17.2	25.8

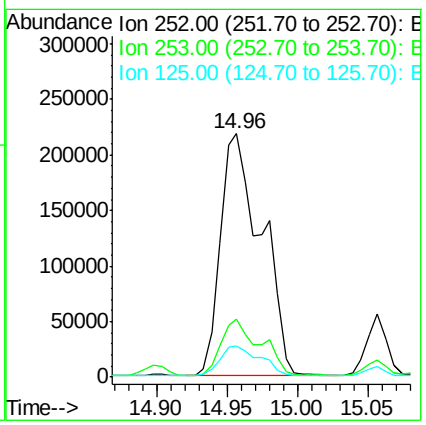


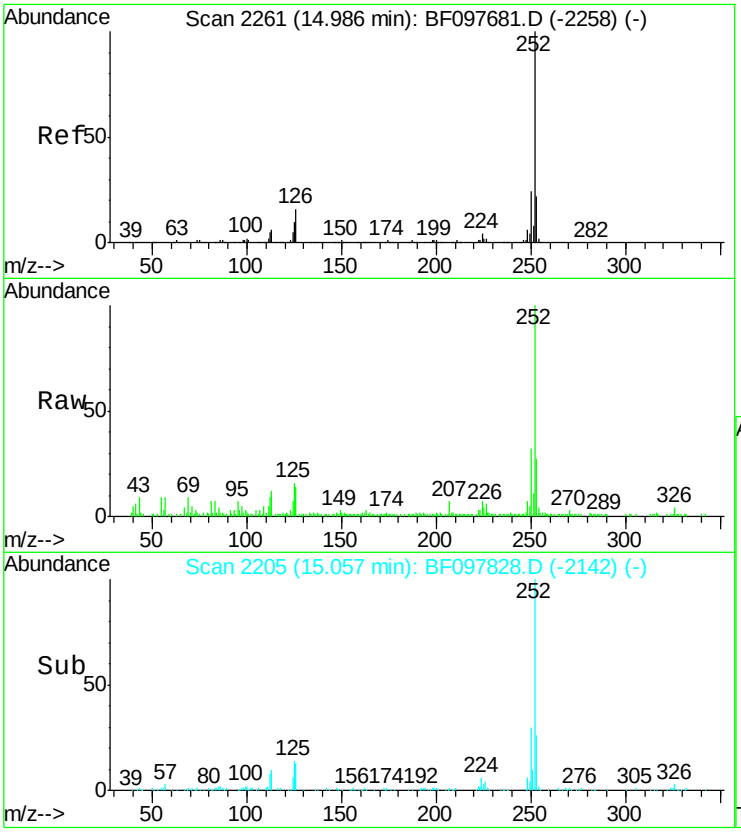


#87
Benzo(b)fluoranthene
Concen: 36.594 ng
RT: 14.96 min Scan# 2188
Delta R.T. 0.00 min
Lab File: BF097828.D
Acq: 18 Aug 2017 11:39

Tgt Ion:252 Resp: 443634

Ion	Ratio	Lower	Upper
252	100		
253	23.7	18.1	27.1
125	12.8	9.8	14.8



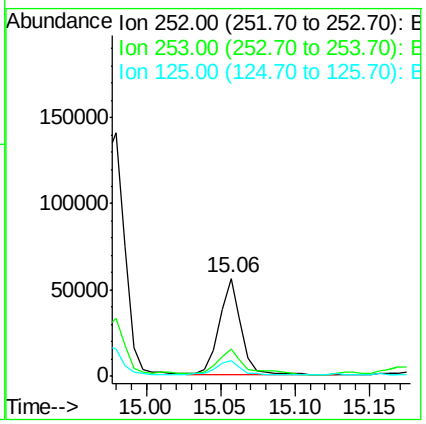


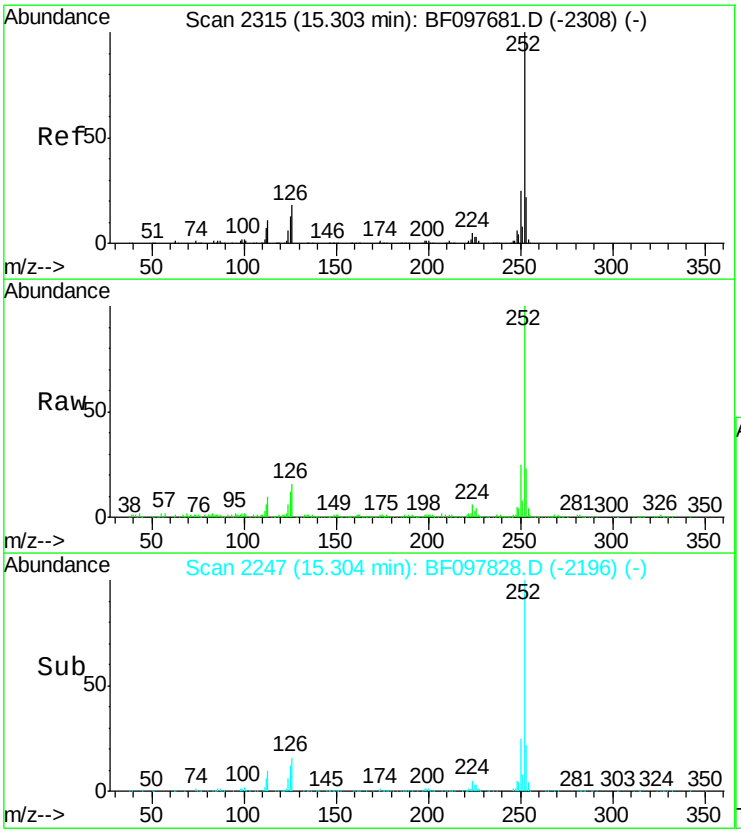
#88
Benzo(k)fluoranthene
Concen: 5.003 ng
RT: 15.06 min Scan# 2205
Delta R.T. 0.07 min
Lab File: BF097828.D
Acq: 18 Aug 2017 11:39

Instrument :
BNA_F
ClientSampleId :
E2-I10-ESWMSD

Tgt Ion:252 Resp: 56989

Ion	Ratio	Lower	Upper
252	100		
253	27.2	18.4	27.6
125	16.1	13.1	19.7

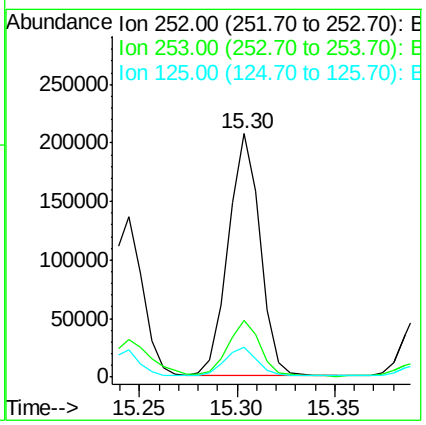


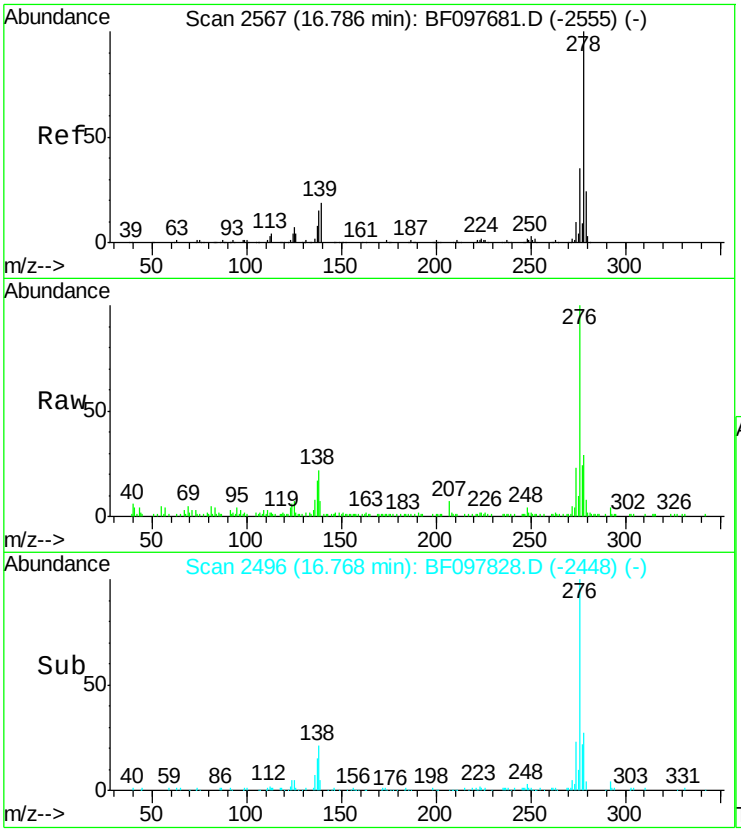


#89
Benzo(a)pyrene
Concen: 21.744 ng
RT: 15.30 min Scan# 2247
Delta R.T. 0.00 min
Lab File: BF097828.D
Acq: 18 Aug 2017 11:39

Tgt Ion:252 Resp: 233369

Ion	Ratio	Lower	Upper
252	100		
253	23.1	17.5	26.3
125	12.3	11.0	16.4



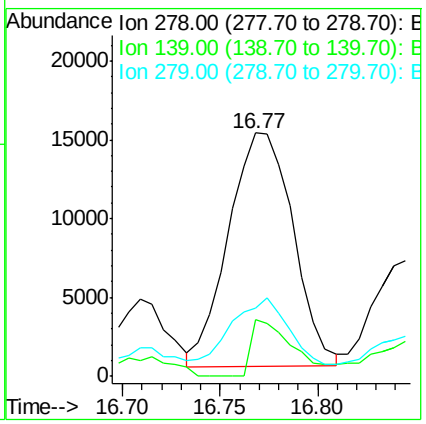


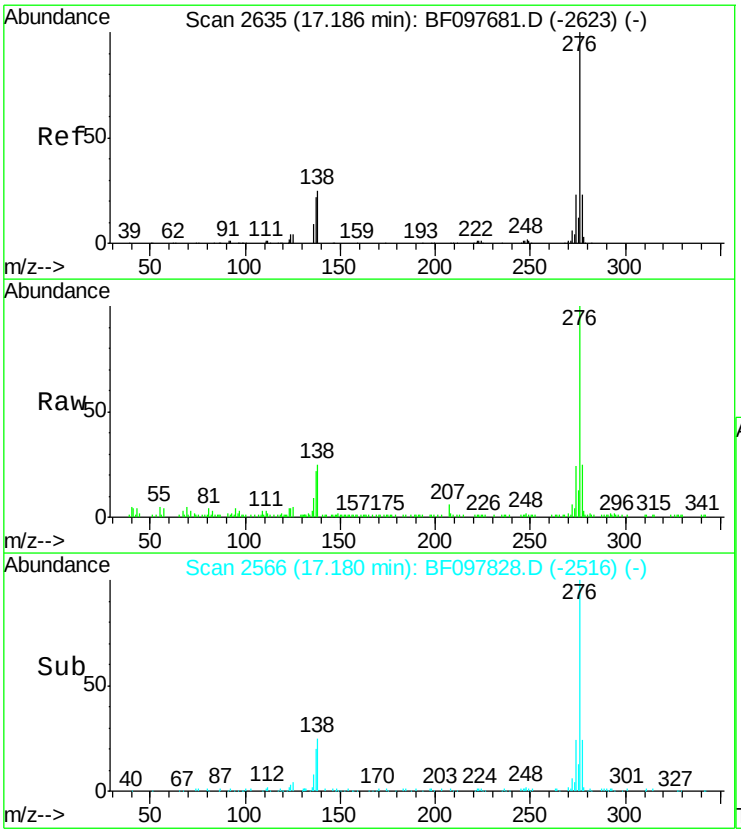
#90
Dibenzo(a,h)anthracene
Concen: 3.891 ng
RT: 16.77 min Scan# 2496
Delta R.T. -0.02 min
Lab File: BF097828.D
Acq: 18 Aug 2017 11:39

Instrument :
BNA_F
ClientSampleId :
E2-I10-ESWMSD

Tgt Ion:278 Resp: 34001

Ion	Ratio	Lower	Upper
278	100		
139	23.5	16.6	24.8
279	28.3	19.3	28.9





#91
Benzo(g,h,i)perylene
Concen: 12.776 ng
RT: 17.18 min Scan# 2566
Delta R.T. -0.01 min
Lab File: BF097828.D
Acq: 18 Aug 2017 11:39

Tgt Ion:276 Resp: 116476

Ion	Ratio	Lower	Upper
276	100		
277	24.7	18.6	28.0
138	25.4	25.4	38.0