Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF072817\
Data File : BF097190.D
Acq On : 29 Jul 2017 8:38
Operator : SJ/JU
Sample : I4421-10
Misc :
ALS Vial : 32 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : E2-HS5-WSW

Quant Time: Jul 31 00:59:20 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	95650	20.00	ng		-0.01
21) Naphthalene-d8	7.77	136	368724	20.00	ng		-0.02
38) Acenaphthene-d10	9.51	164	117460	20.00	ng		-0.02
63) Phenanthrene-d10	10.99	188	194378	20.00	ng		-0.02
75) Chrysene-d12	13.61	240	187330	20.00	ng		-0.02
86) Perylene-d12	14.96	264	127735	20.00	ng		-0.01
System Monitoring Compounds							
5) 2-Fluorophenol	5.09	112	569240	89.71	ng		-0.01
7) Phenol-d6	6.15	99	711478	98.22	ng		-0.02
23) Nitrobenzene-d5	7.05	82	361883	57.58	ng		-0.02
41) 2,4,6-Tribromophenol	10.30	330	82432	88.82	ng		-0.02
44) 2-Fluorobiphenyl	8.85	172	518023	74.85	ng		-0.02
78) Terphenyl-d14	12.57	244	345096	37.56	ng		-0.02
Target Compounds							Qvalue
10) Phenol	6.16	94	26422	3.08	ng		81
19) n-Nitroso-di-n-propylamine	7.05	70	49138	10.31	ng	#	84
25) Isophorone	7.05	82	356797	28.99	ng	#	67
49) Dimethylphthalate	9.25	163	90858	10.19	ng		98
56) 2,4-Dinitrotoluene	9.51	165	14813	6.81	ng	#	32
66) 4-Bromophenyl-phenylether	10.30	248	5286	2.72	ng	#	1
70) Phenanthrene	11.01	178	67977	6.53	ng		97
74) Fluoranthene	12.19	202	181771	17.82	ng		99
77) Pyrene	12.42	202	202598	13.21	ng		99
80) Benzo(a)anthracene	13.60	228	124985	10.31	ng		98
82) Chrysene	13.64	228	132534	11.20	ng		97
85) Indeno(1,2,3-cd)pyrene	16.18	276	45224	4.46	ng		94
87) Benzo(b)fluoranthene	14.60	252	161552	21.04	ng	#	96
88) Benzo(k)fluoranthene	14.60	252	161552	22.08	ng		97
89) Benzo(a)pyrene	14.91	252	93604	13.32	ng	#	96
90) Dibenzo(a,h)anthracene	16.33	278	12549	2.18	ng		92
91) Benzo(g,h,i)perylene	16.54	276	46402	7.68	ng		95

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

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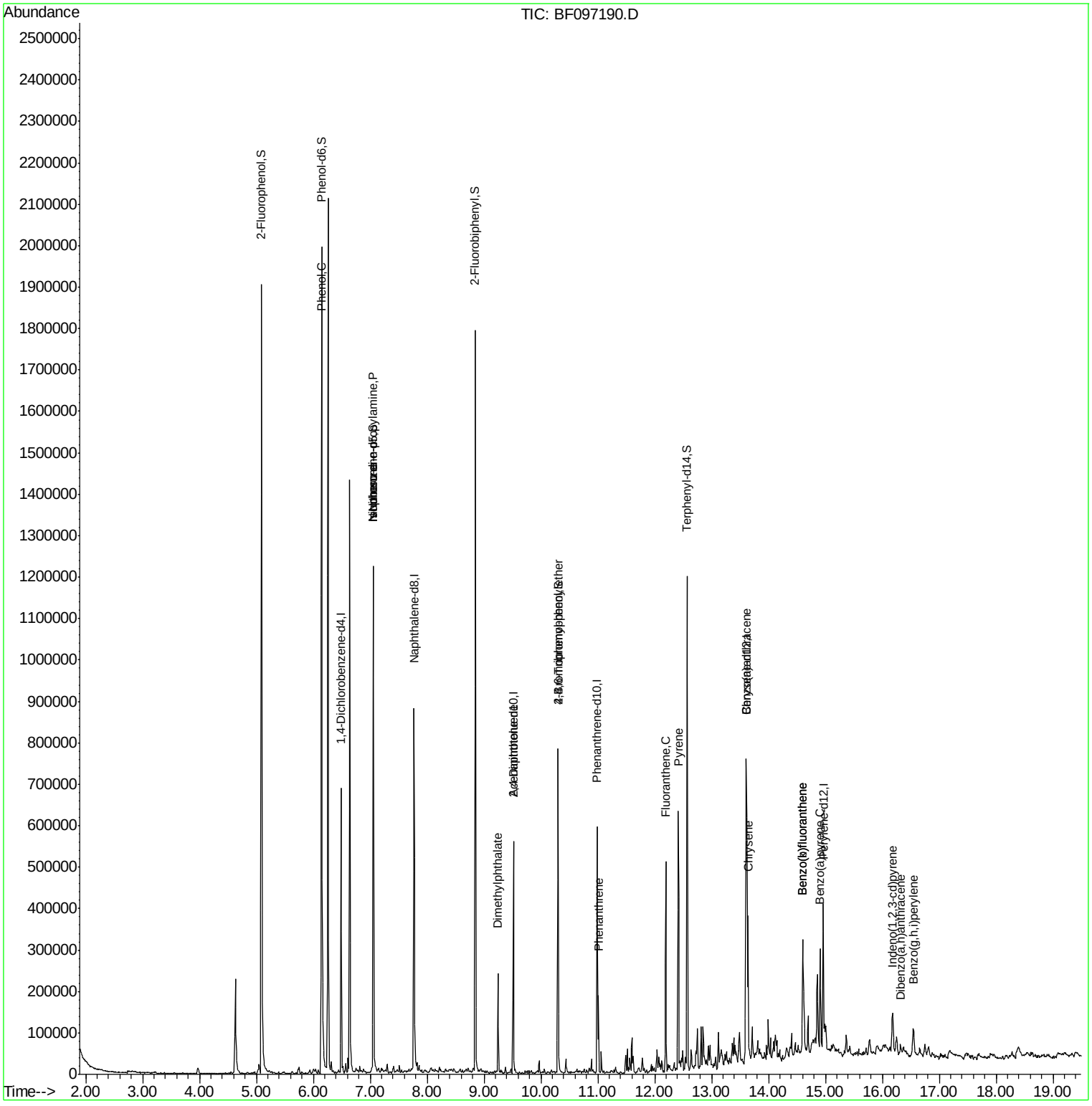
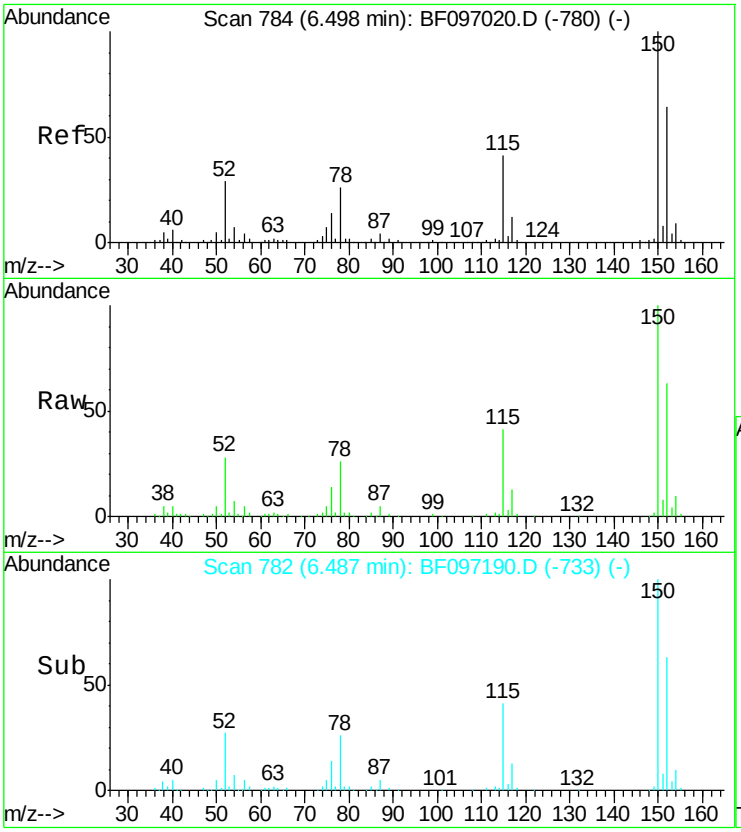


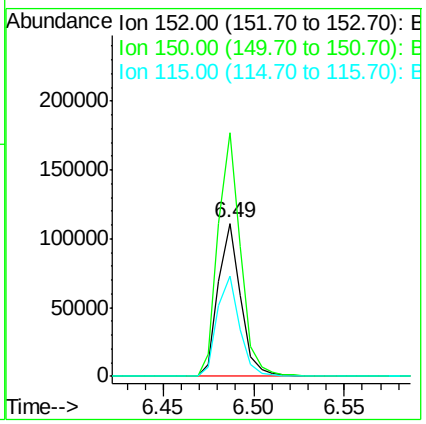


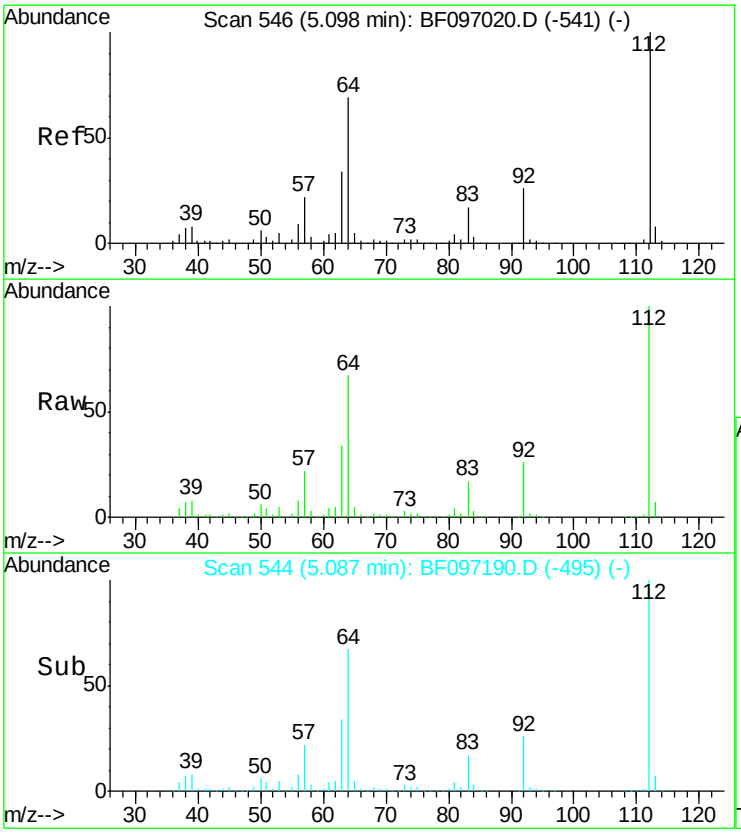
#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.49 min Scan# 782
Delta R.T. -0.01 min
Lab File: BF097190.D
Acq: 29 Jul 2017 8:38

Instrument :
BNA_F
ClientSampleId :
E2-HS5-WSW

Tgt Ion:152 Resp: 95650

Ion	Ratio	Lower	Upper
152	100		
150	159.0	126.2	189.2
115	65.6	52.2	78.2

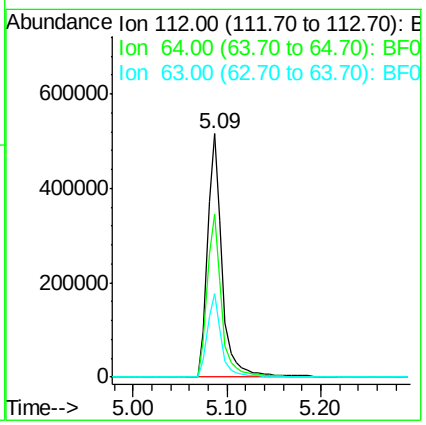


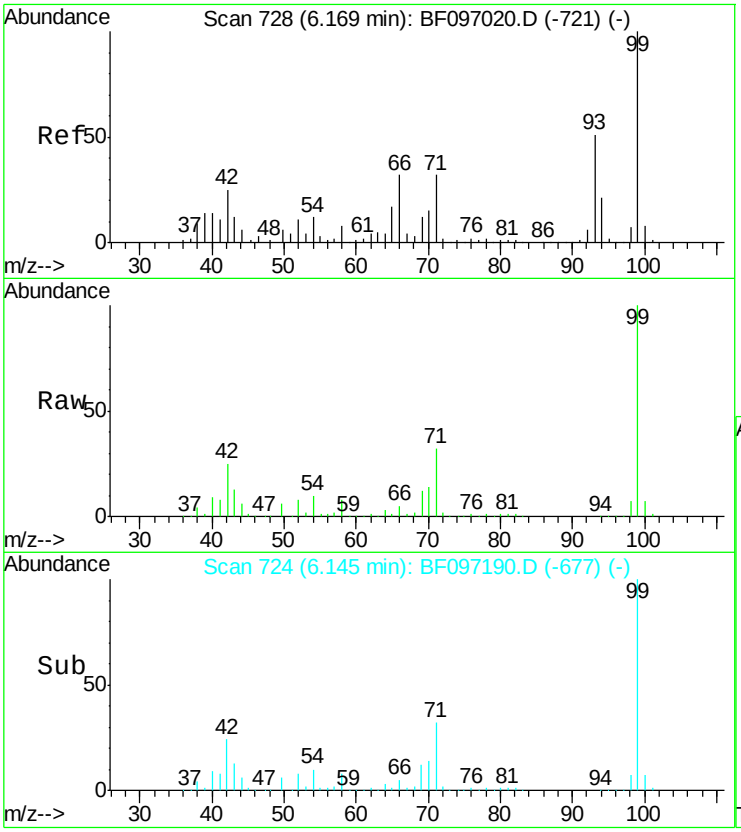


#5
2-Fluorophenol
Concen: 89.71 ng
RT: 5.09 min Scan# 544
Delta R.T. -0.01 min
Lab File: BF097190.D
Acq: 29 Jul 2017 8:38

Tgt Ion:112 Resp: 569240

Ion	Ratio	Lower	Upper
112	100		
64	67.0	46.0	69.0
63	34.2	23.4	35.0



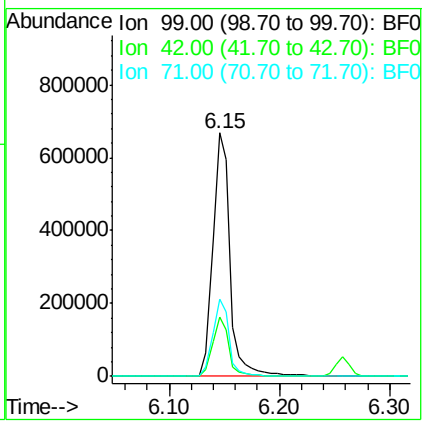


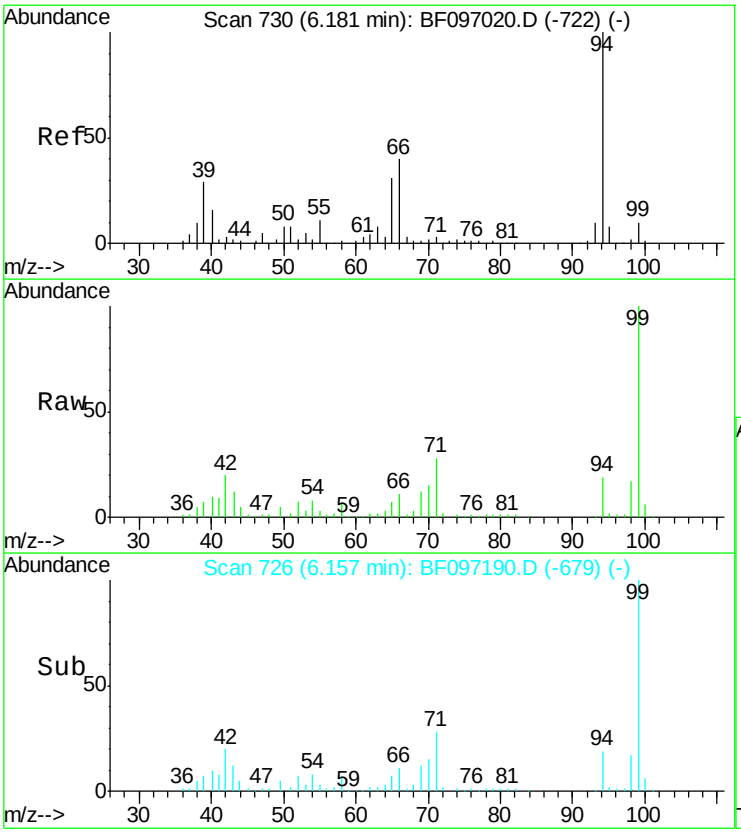
#7
Phenol-d6
Concen: 98.22 ng
RT: 6.15 min Scan# 724
Delta R.T. -0.02 min
Lab File: BF097190.D
Acq: 29 Jul 2017 8:38

Instrument :
BNA_F
ClientSampleId :
E2-HS5-WSW

Tgt Ion: 99 Resp: 711478

Ion	Ratio	Lower	Upper
99	100		
42	24.5	13.5	20.3#
71	31.9	24.5	36.7

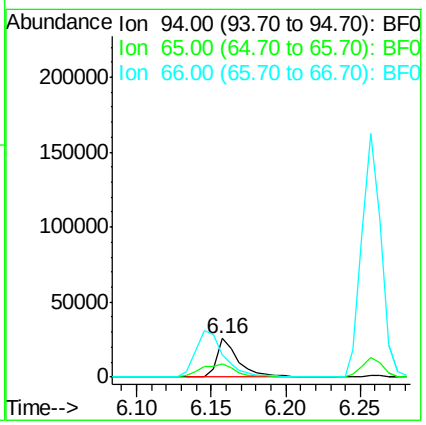


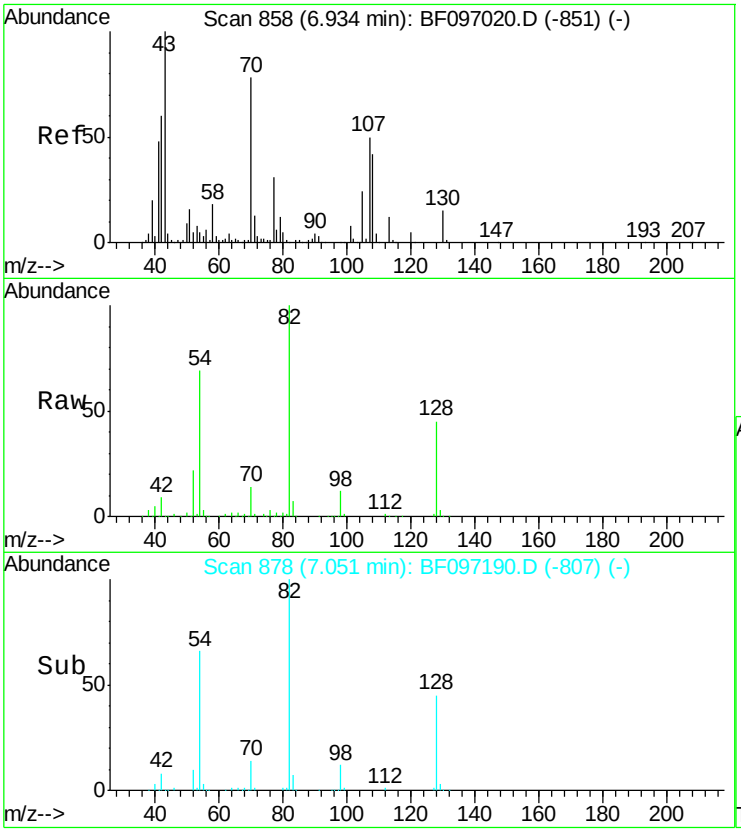


#10
Phenol
Concen: 3.08 ng
RT: 6.16 min Scan# 726
Delta R.T. -0.02 min
Lab File: BF097190.D
Acq: 29 Jul 2017 8:38

Tgt Ion: 94 Resp: 26422

Ion	Ratio	Lower	Upper
94	100		
65	35.7	9.9	49.9
66	58.7	23.1	63.1



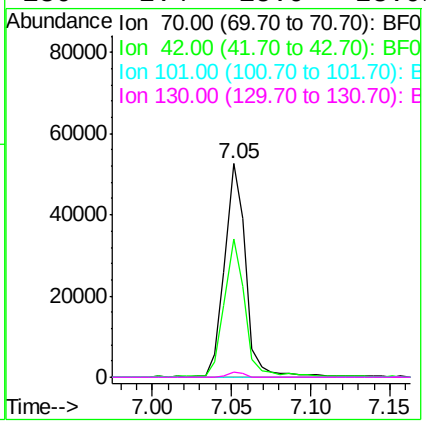


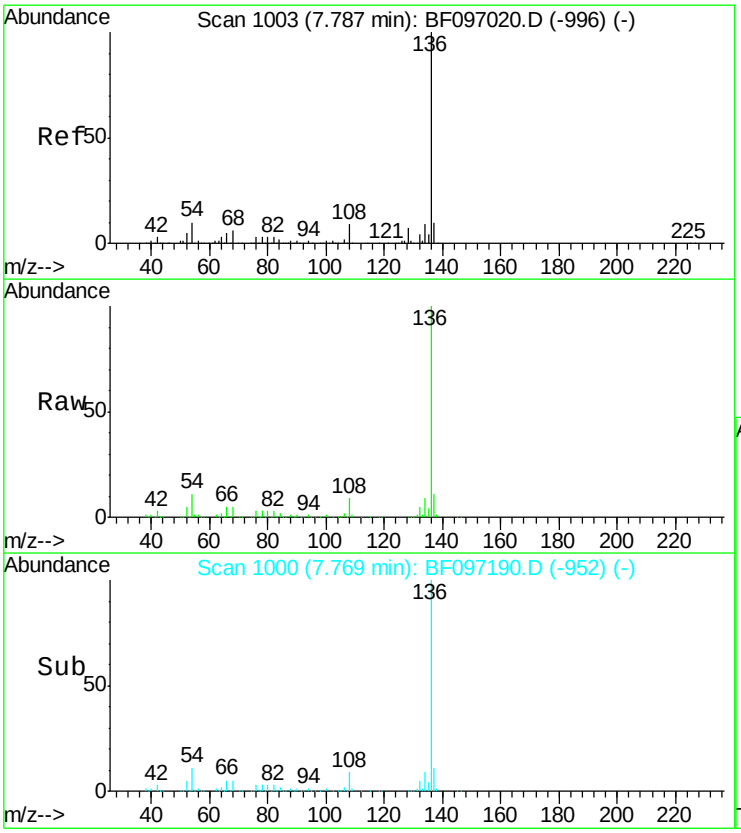
#19
n-Nitroso-di-n-propylamine
Concen: 10.31 ng
RT: 7.05 min Scan# 878
Delta R.T. 0.12 min
Lab File: BF097190.D
Acq: 29 Jul 2017 8:38

Instrument :
BNA_F
ClientSampleId :
E2-HS5-WSW

Tgt Ion: 70 Resp: 49138

Ion	Ratio	Lower	Upper
70	100		
42	64.5	47.2	70.8
101	0.0	7.2	10.8#
130	2.4	15.9	23.9#

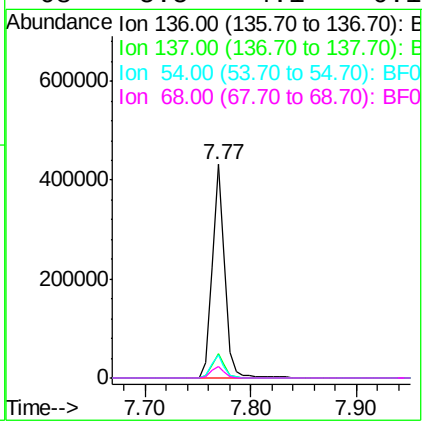


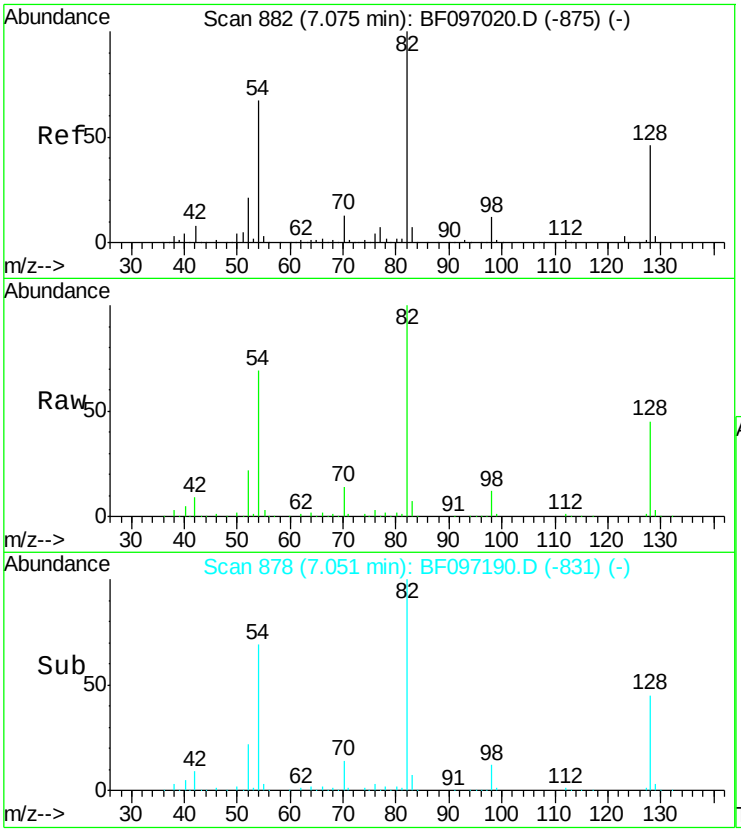


#21
Naphthalene-d8
Concen: 20.00 ng
RT: 7.77 min Scan# 1000
Delta R.T. -0.02 min
Lab File: BF097190.D
Acq: 29 Jul 2017 8:38

Tgt Ion:136 Resp: 368724

Ion	Ratio	Lower	Upper
136	100		
137	11.1	8.5	12.7
54	10.9	4.9	7.3#
68	5.5	4.1	6.1



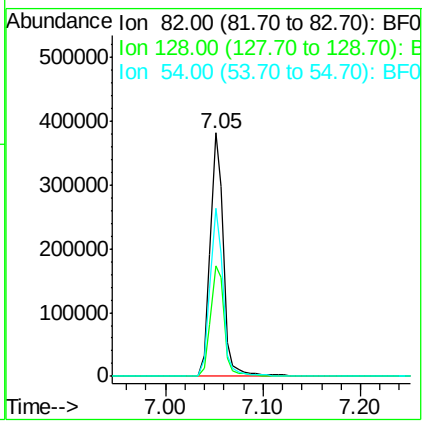


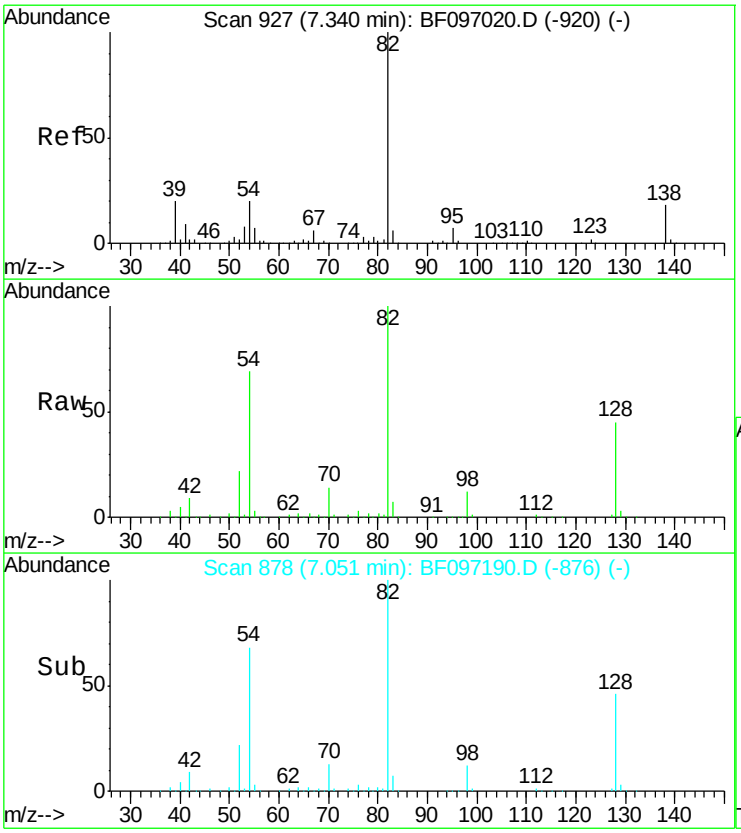
#23
Nitrobenzene-d5
Concen: 57.58 ng
RT: 7.05 min Scan# 878
Delta R.T. -0.02 min
Lab File: BF097190.D
Acq: 29 Jul 2017 8:38

Instrument :
BNA_F
ClientSampleId :
E2-HS5-WSW

Tgt Ion: 82 Resp: 361883

Ion	Ratio	Lower	Upper
82	100		
128	45.1	34.0	51.0
54	69.1	42.2	63.2#

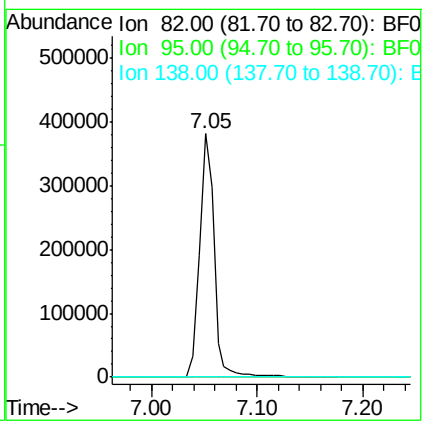


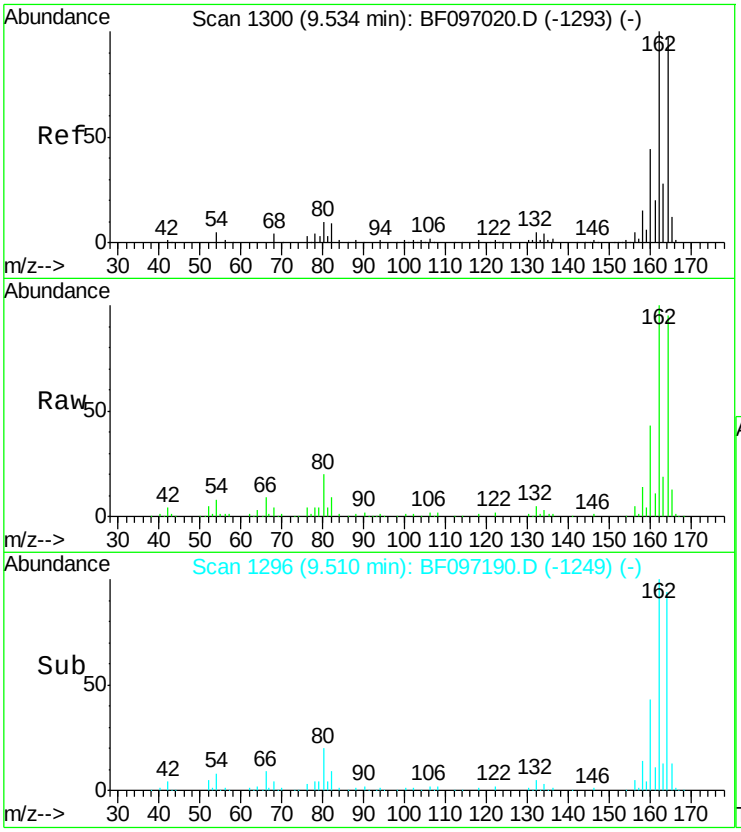


#25
Isophorone
Concen: 28.99 ng
RT: 7.05 min Scan# 878
Delta R.T. -0.29 min
Lab File: BF097190.D
Acq: 29 Jul 2017 8:38

Tgt Ion: 82 Resp: 356797

Ion	Ratio	Lower	Upper
82	100		
95	0.1	5.3	7.9#
138	0.0	13.1	19.7#



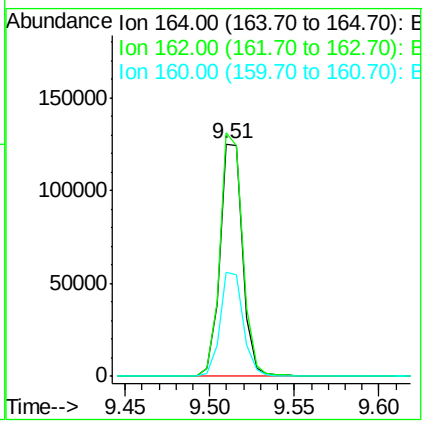


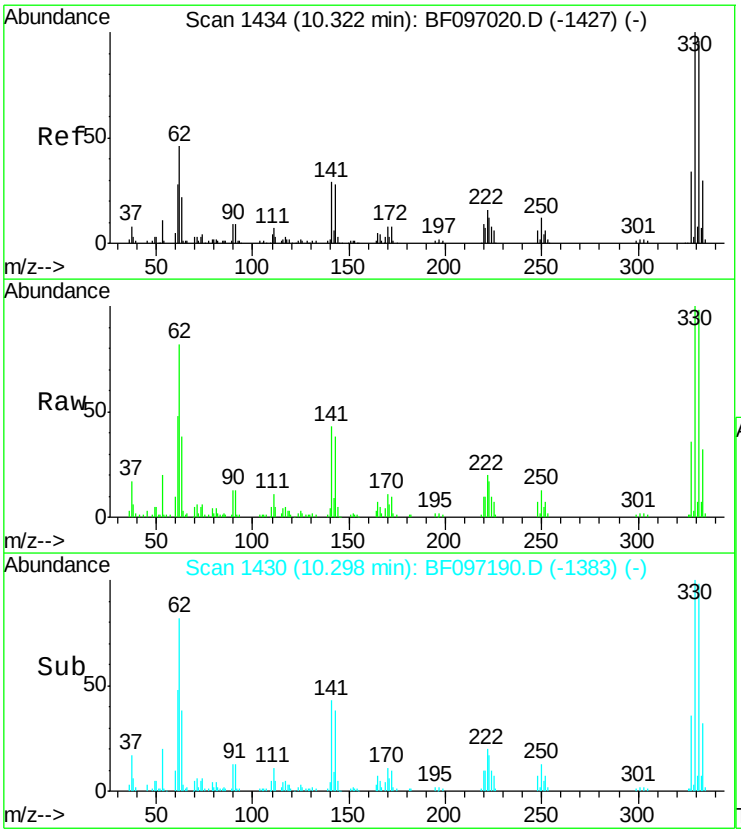
#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.51 min Scan# 1296
Delta R.T. -0.02 min
Lab File: BF097190.D
Acq: 29 Jul 2017 8:38

Instrument :
BNA_F
ClientSampleId :
E2-HS5-WSW

Tgt Ion:164 Resp: 117460

Ion	Ratio	Lower	Upper
164	100		
162	104.9	82.6	123.8
160	44.9	36.2	54.2

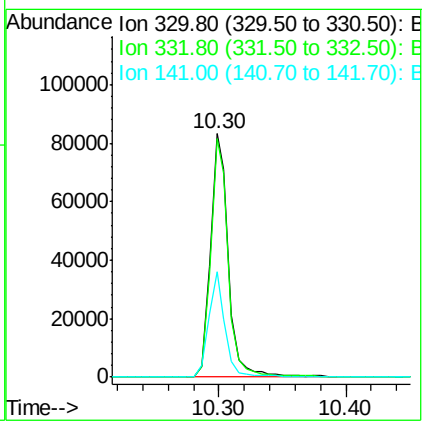


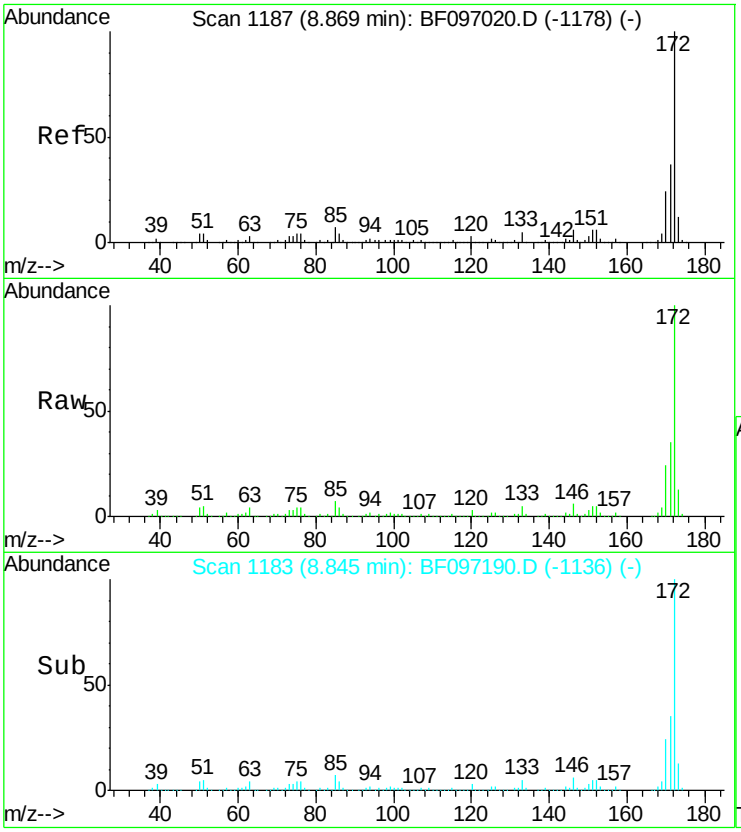


#41
2,4,6-Tribromophenol
Concen: 88.82 ng
RT: 10.30 min Scan# 1430
Delta R.T. -0.02 min
Lab File: BF097190.D
Acq: 29 Jul 2017 8:38

Tgt Ion:330 Resp: 82432

Ion	Ratio	Lower	Upper
330	100		
332	96.5	76.6	115.0
141	39.5	31.4	47.2



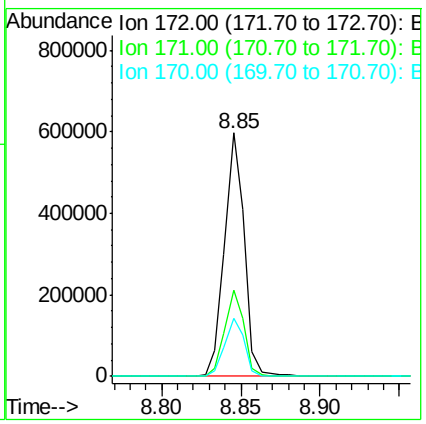


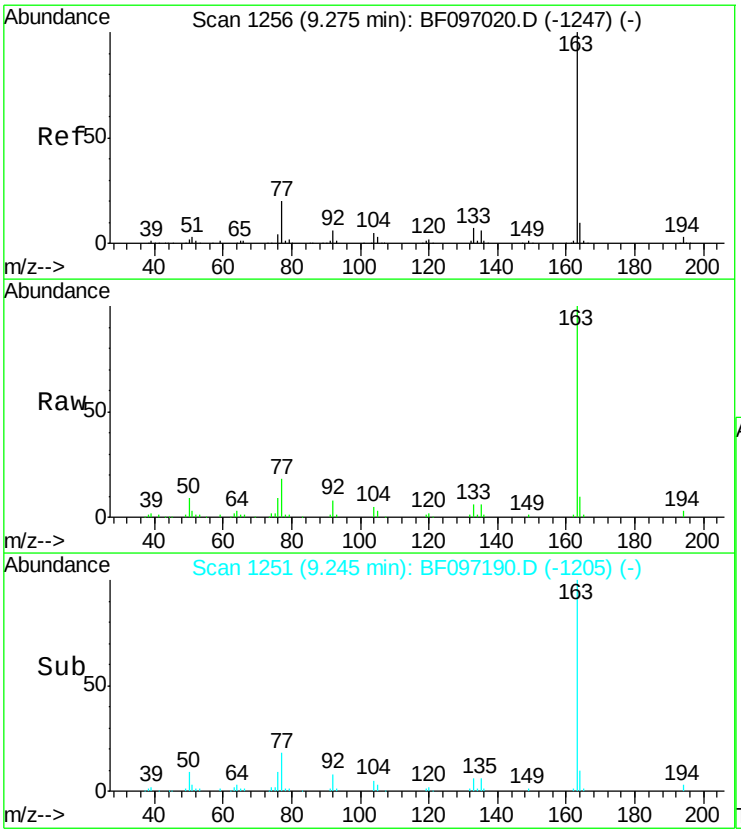
#44
2-Fluorobiphenyl
Concen: 74.85 ng
RT: 8.85 min Scan# 1183
Delta R.T. -0.02 min
Lab File: BF097190.D
Acq: 29 Jul 2017 8:38

Instrument :
BNA_F
ClientSampleId :
E2-HS5-WSW

Tgt Ion:172 Resp: 518023

Ion	Ratio	Lower	Upper
172	100		
171	35.5	29.6	44.4
170	24.0	19.8	29.8

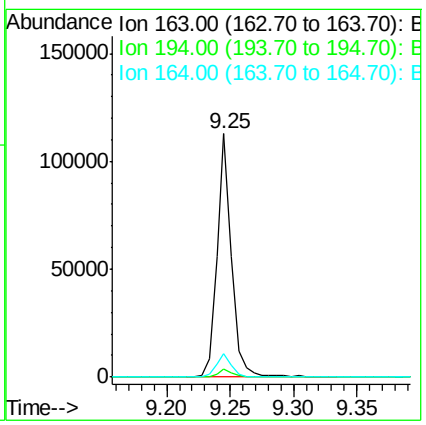


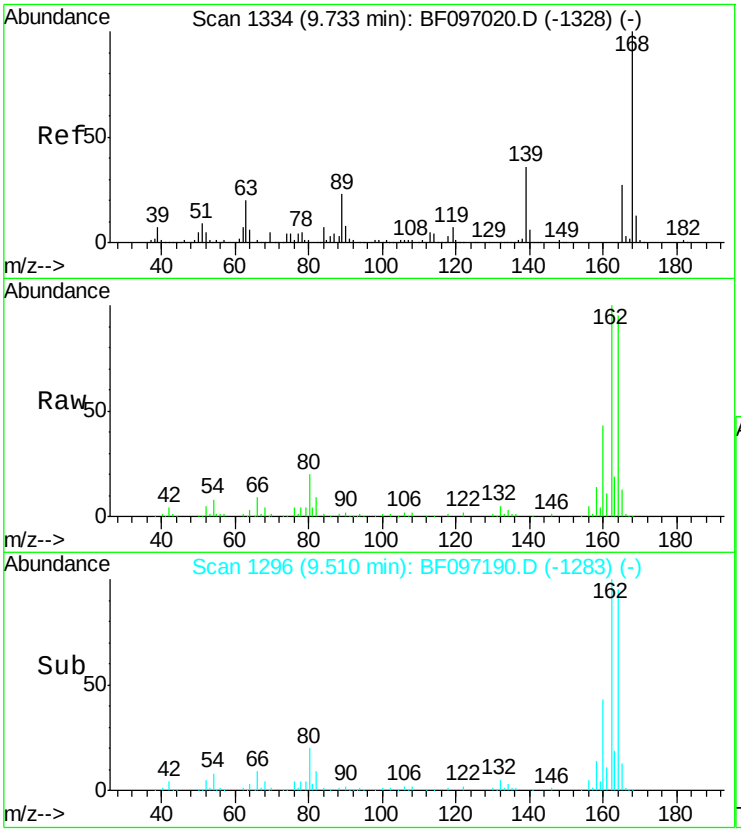


#49
Dimethylphthalate
Concen: 10.19 ng
RT: 9.25 min Scan# 1251
Delta R.T. -0.03 min
Lab File: BF097190.D
Acq: 29 Jul 2017 8:38

Tgt Ion:163 Resp: 90858

Ion	Ratio	Lower	Upper
163	100		
194	3.2	2.6	4.0
164	9.5	8.4	12.6



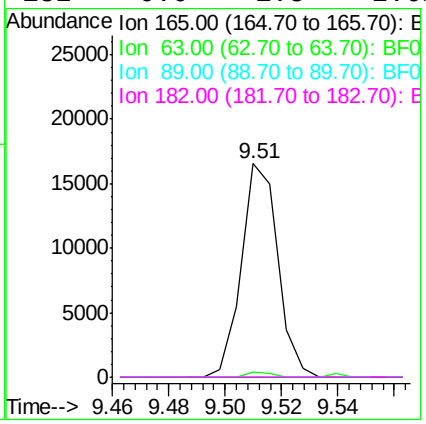


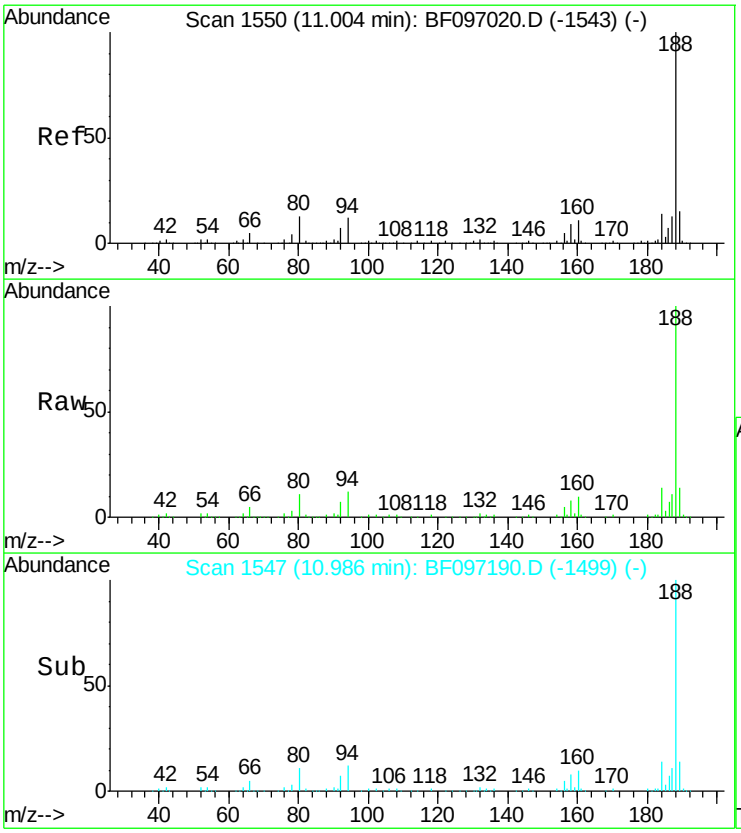
#56
2,4-Dinitrotoluene
Concen: 6.81 ng
RT: 9.51 min Scan# 1296
Delta R.T. -0.22 min
Lab File: BF097190.D
Acq: 29 Jul 2017 8:38

Instrument :
BNA_F
ClientSampleId :
E2-HS5-WSW

Tgt Ion:165 Resp: 14813

Ion	Ratio	Lower	Upper
165	100		
63	2.4	25.4	38.0#
89	0.0	46.4	69.6#
182	0.0	1.8	2.6#

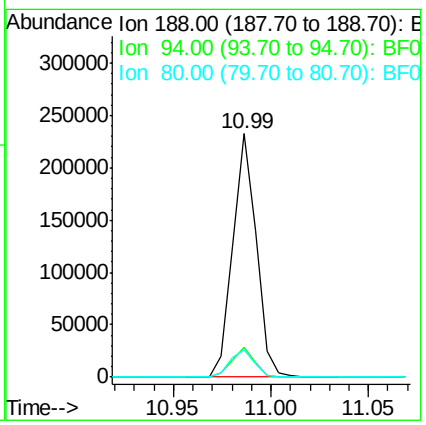


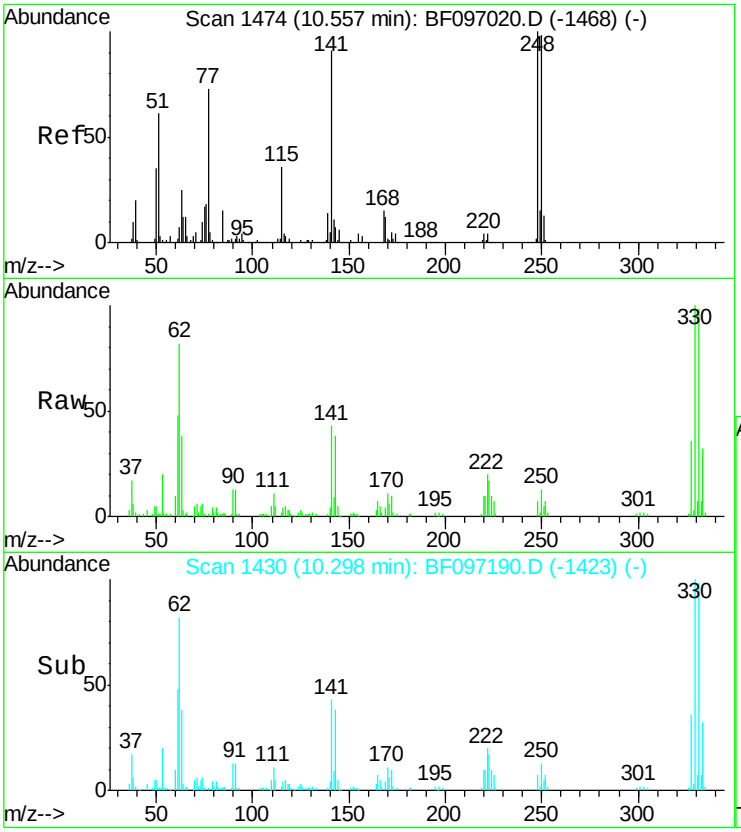


#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 10.99 min Scan# 1547
Delta R.T. -0.02 min
Lab File: BF097190.D
Acq: 29 Jul 2017 8:38

Tgt Ion:188 Resp: 194378

Ion	Ratio	Lower	Upper
188	100		
94	12.1	9.4	14.2
80	11.5	10.2	15.2



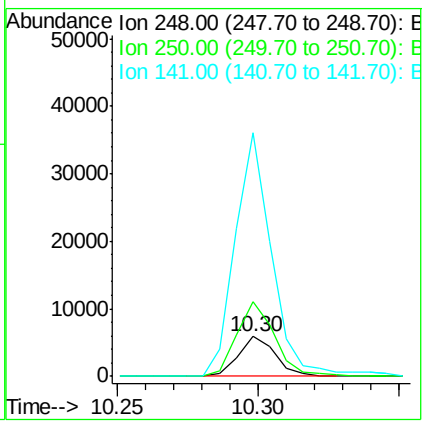


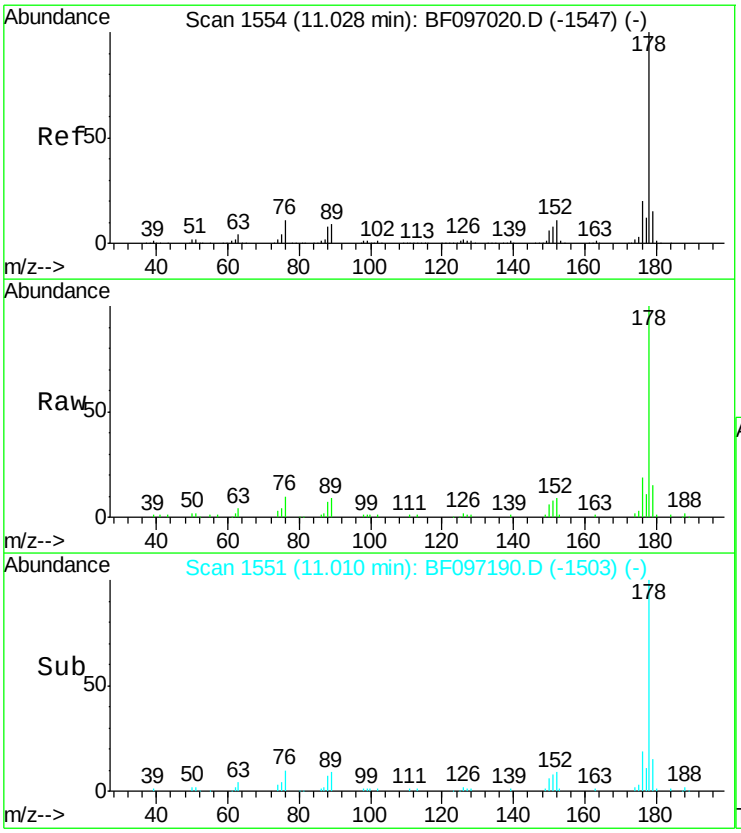
#66
4-Bromophenyl-phenylether
Concen: 2.72 ng
RT: 10.30 min Scan# 1430
Delta R.T. -0.26 min
Lab File: BF097190.D
Acq: 29 Jul 2017 8:38

Instrument :
BNA_F
ClientSampleId :
E2-HS5-WSW

Tgt Ion:248 Resp: 5286

Ion	Ratio	Lower	Upper
248	100		
250	187.9	76.8	115.2#
141	616.9	68.6	103.0#

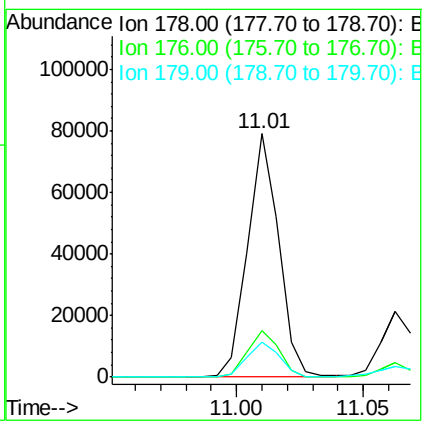


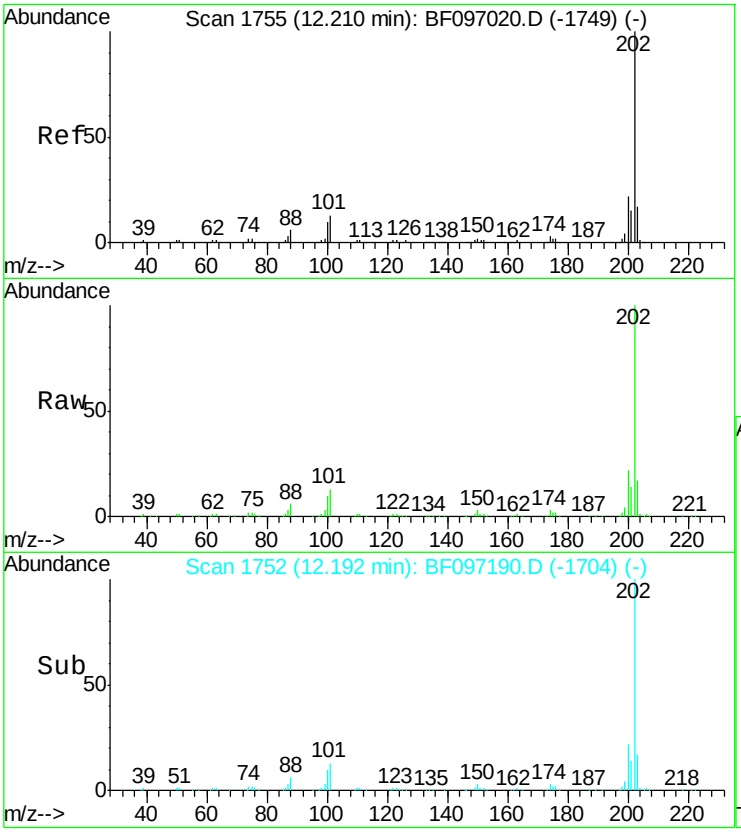


#70
Phenanthrene
Concen: 6.53 ng
RT: 11.01 min Scan# 1551
Delta R.T. -0.02 min
Lab File: BF097190.D
Acq: 29 Jul 2017 8:38

Tgt Ion:178 Resp: 67977

Ion	Ratio	Lower	Upper
178	100		
176	19.1	16.2	24.4
179	14.5	12.6	19.0



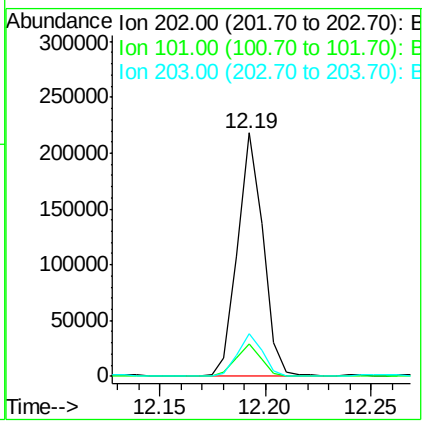


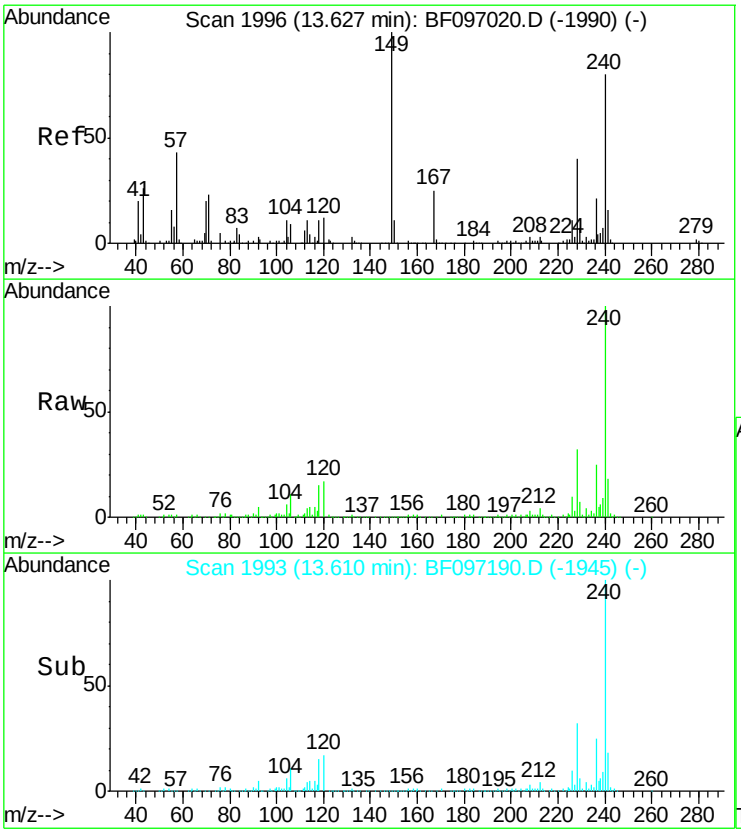
#74
Fluoranthene
Concen: 17.82 ng
RT: 12.19 min Scan# 1752
Delta R.T. -0.02 min
Lab File: BF097190.D
Acq: 29 Jul 2017 8:38

Instrument :
BNA_F
ClientSampleId :
E2-HS5-WSW

Tgt Ion:202 Resp: 181771

Ion	Ratio	Lower	Upper
202	100		
101	13.5	0.0	33.2
203	17.3	0.0	38.1

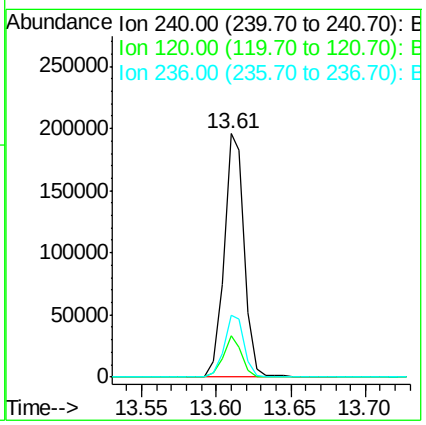


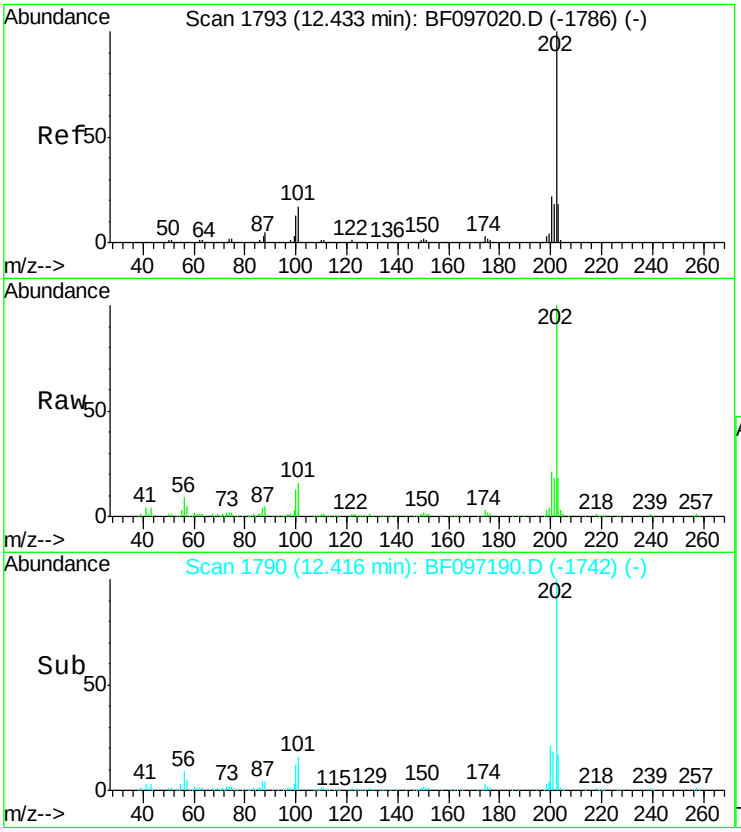


#75
Chrysene-d12
Concen: 20.00 ng
RT: 13.61 min Scan# 1993
Delta R.T. -0.02 min
Lab File: BF097190.D
Acq: 29 Jul 2017 8:38

Tgt Ion:240 Resp: 187330

Ion	Ratio	Lower	Upper
240	100		
120	17.1	5.8	8.8#
236	25.3	20.5	30.7



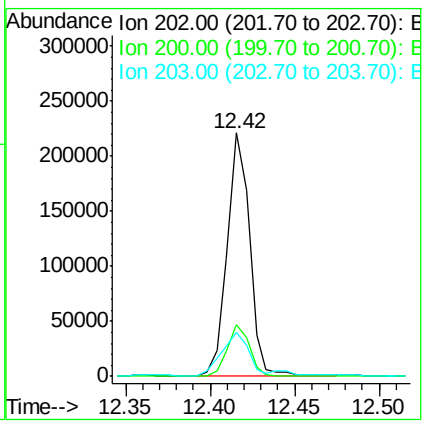


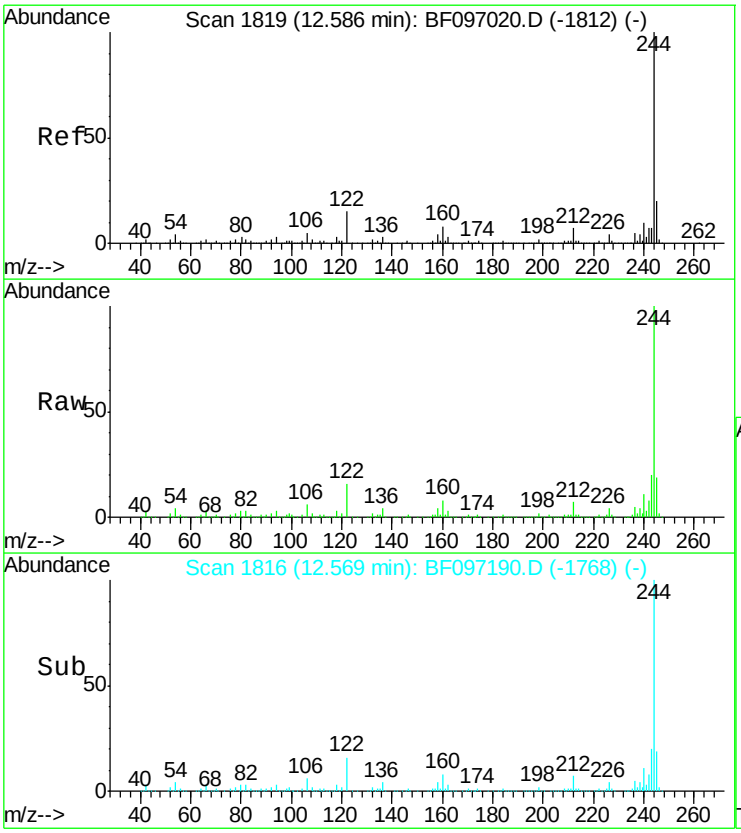
#77
Pyrene
Concen: 13.21 ng
RT: 12.42 min Scan# 1790
Delta R.T. -0.02 min
Lab File: BF097190.D
Acq: 29 Jul 2017 8:38

Instrument :
BNA_F
ClientSampleId :
E2-HS5-WSW

Tgt Ion:202 Resp: 202598

Ion	Ratio	Lower	Upper
202	100		
200	21.0	17.6	26.4
203	18.1	14.4	21.6

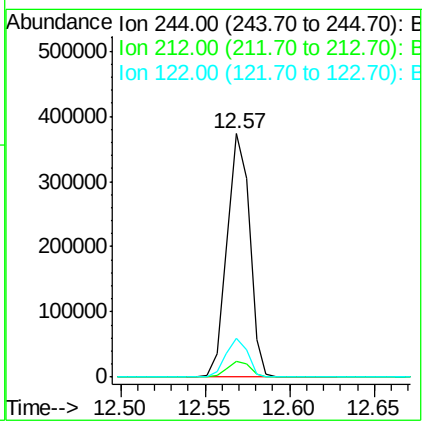


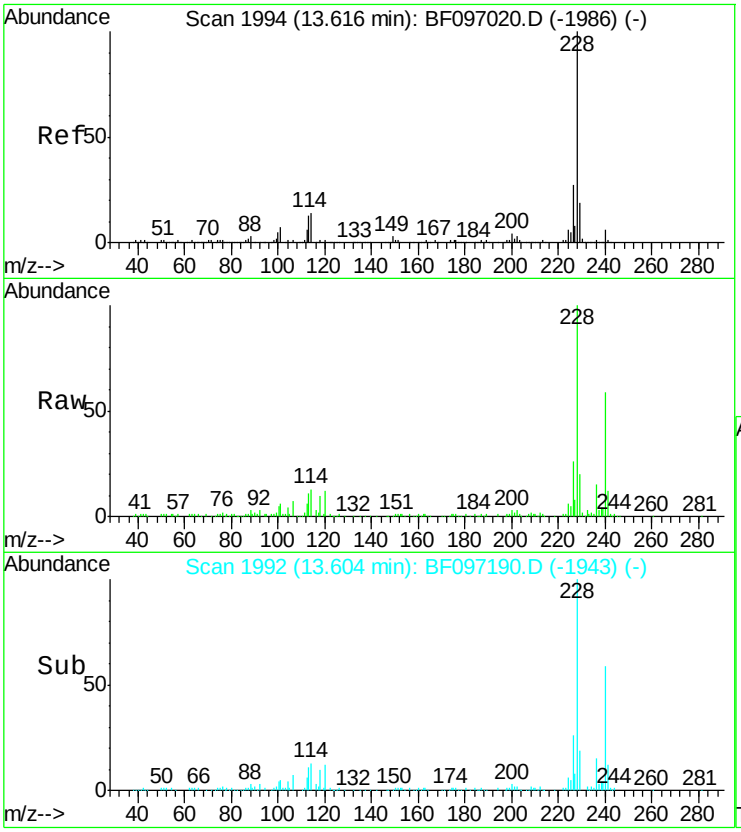


#78
Terphenyl-d14
Concen: 37.56 ng
RT: 12.57 min Scan# 1816
Delta R.T. -0.02 min
Lab File: BF097190.D
Acq: 29 Jul 2017 8:38

Tgt Ion:244 Resp: 345096

Ion	Ratio	Lower	Upper
244	100		
212	6.7	6.0	9.0
122	16.0	10.3	15.5#



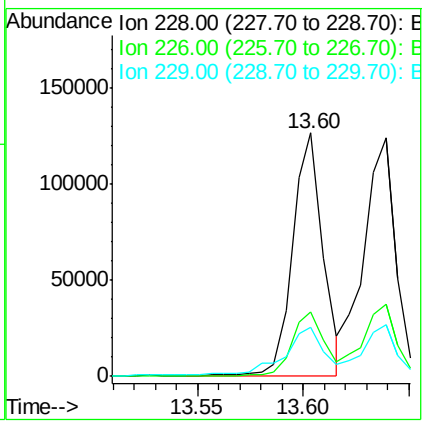


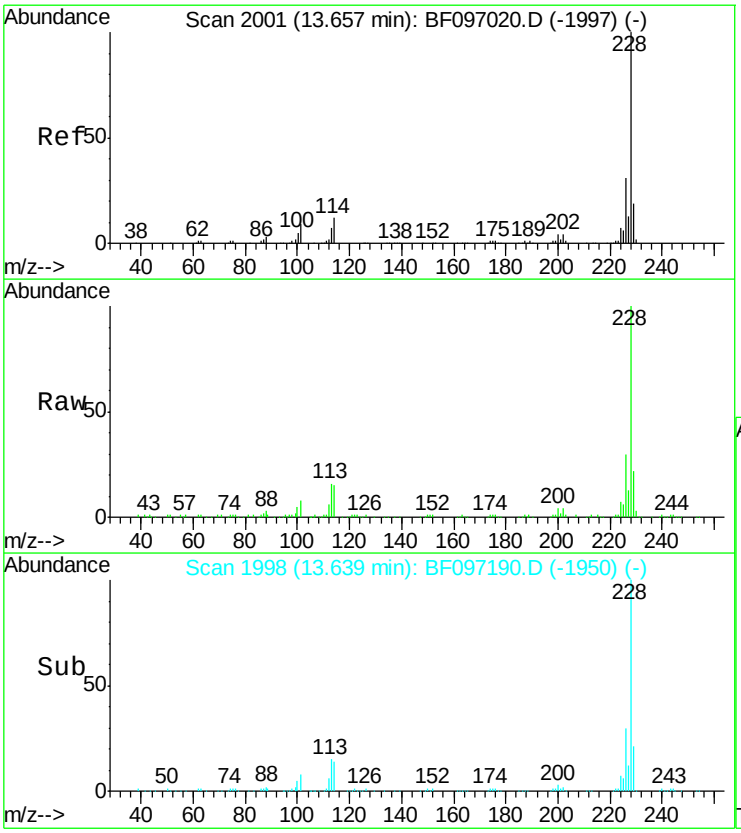
#80
Benzo(a)anthracene
Concen: 10.31 ng
RT: 13.60 min Scan# 1992
Delta R.T. -0.01 min
Lab File: BF097190.D
Acq: 29 Jul 2017 8:38

Instrument :
BNA_F
ClientSampleId :
E2-HS5-WSW

Tgt Ion:228 Resp: 124985

Ion	Ratio	Lower	Upper
228	100		
226	26.4	22.6	33.8
229	20.1	16.3	24.5

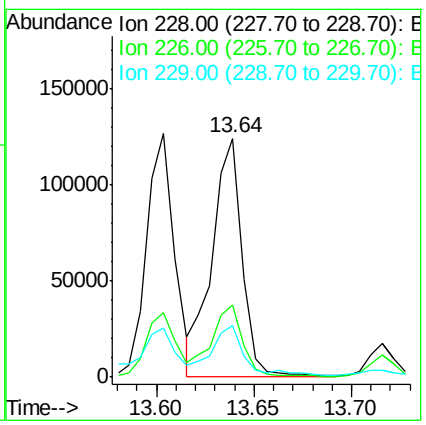


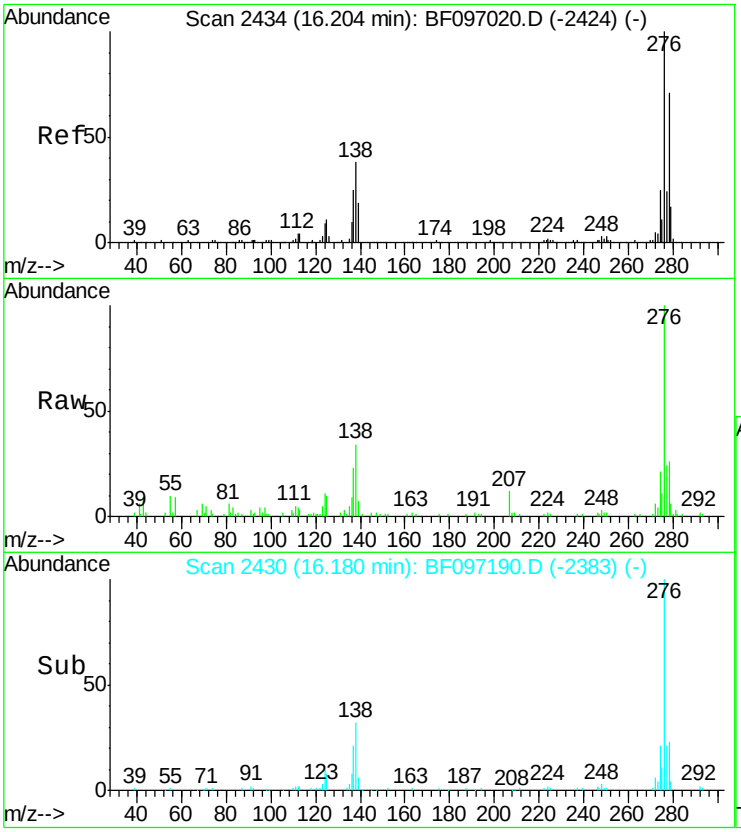


#82
Chrysene
Concen: 11.20 ng
RT: 13.64 min Scan# 1998
Delta R.T. -0.02 min
Lab File: BF097190.D
Acq: 29 Jul 2017 8:38

Tgt Ion:228 Resp: 132534

Ion	Ratio	Lower	Upper
228	100		
226	30.3	24.9	37.3
229	21.6	15.8	23.6



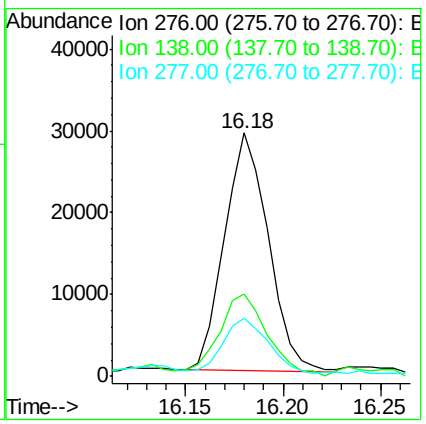


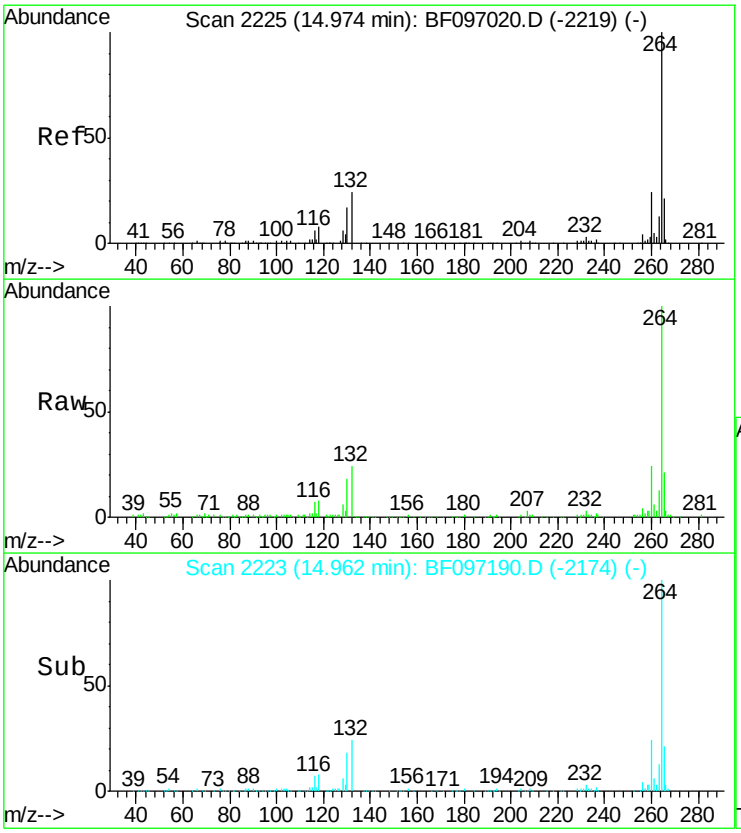
#85
Indeno(1,2,3-cd)pyrene
Concen: 4.46 ng
RT: 16.18 min Scan# 2430
Delta R.T. -0.02 min
Lab File: BF097190.D
Acq: 29 Jul 2017 8:38

Instrument :
BNA_F
ClientSampleId :
E2-HS5-WSW

Tgt Ion:276 Resp: 45224

Ion	Ratio	Lower	Upper
276	100		
138	38.7	27.8	41.6
277	23.2	20.2	30.4

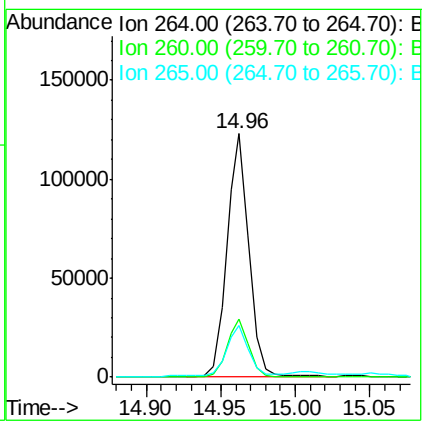


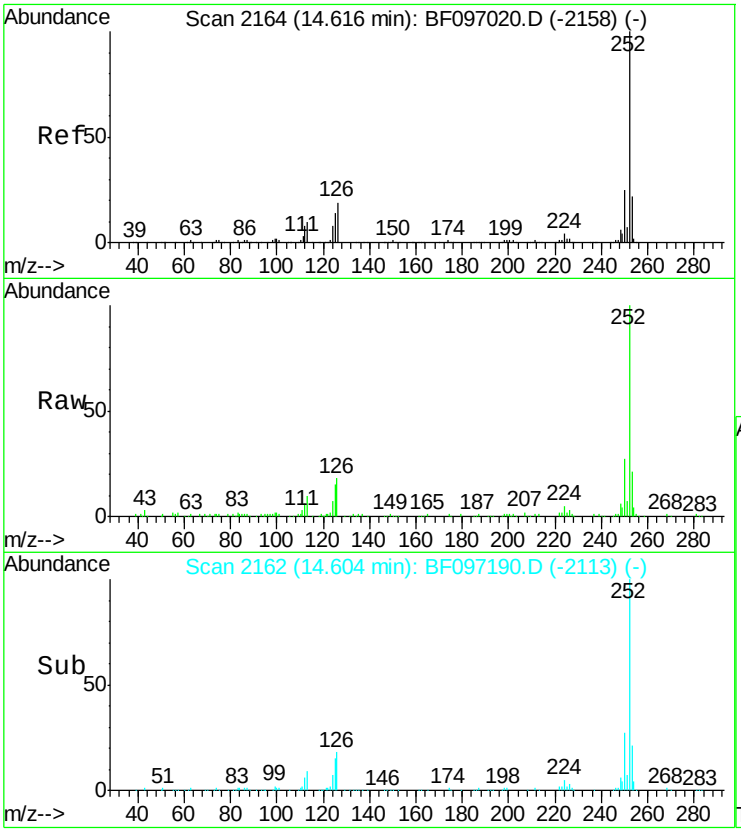


#86
Perylene-d12
Concen: 20.00 ng
RT: 14.96 min Scan# 2223
Delta R.T. -0.01 min
Lab File: BF097190.D
Acq: 29 Jul 2017 8:38

Tgt Ion:264 Resp: 127735

Ion	Ratio	Lower	Upper
264	100		
260	23.9	19.5	29.3
265	21.4	17.2	25.8



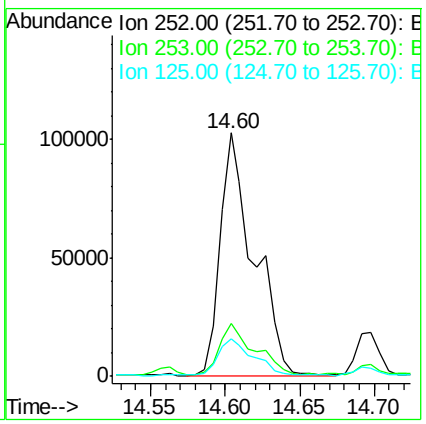


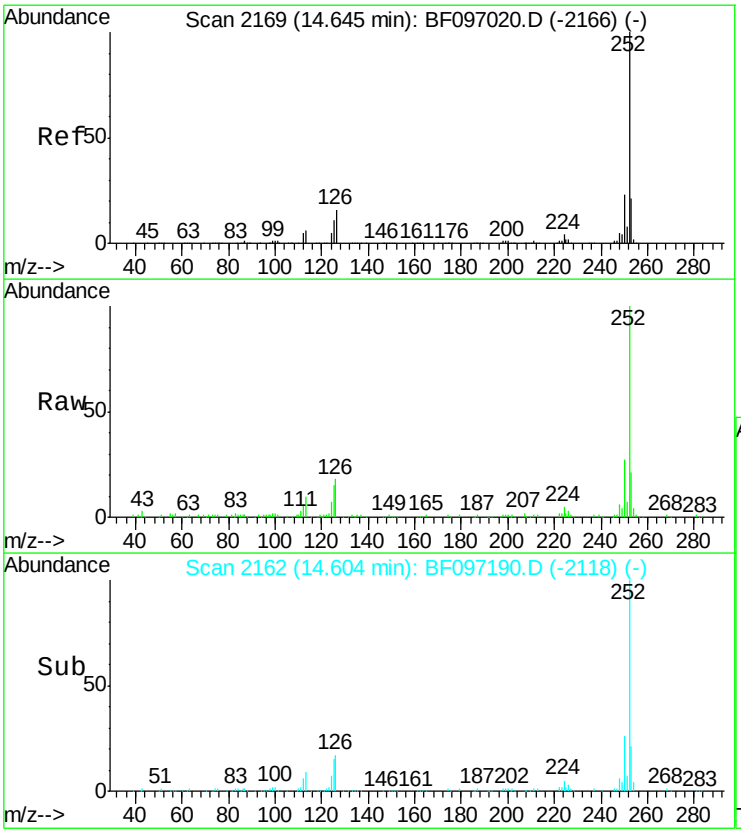
#87
Benzo(b)fluoranthene
Concen: 21.04 ng
RT: 14.60 min Scan# 2162
Delta R.T. -0.01 min
Lab File: BF097190.D
Acq: 29 Jul 2017 8:38

Instrument :
BNA_F
ClientSampleId :
E2-HS5-WSW

Tgt Ion:252 Resp: 161552

Ion	Ratio	Lower	Upper
252	100		
253	21.5	18.1	27.1
125	15.2	9.8	14.8#

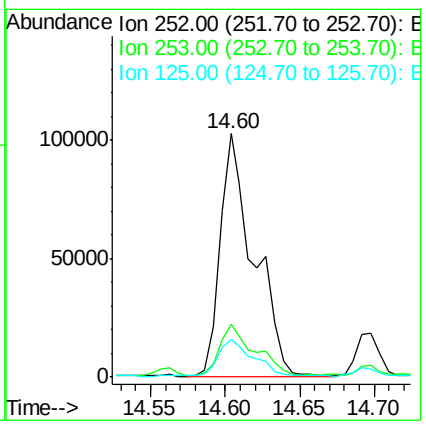


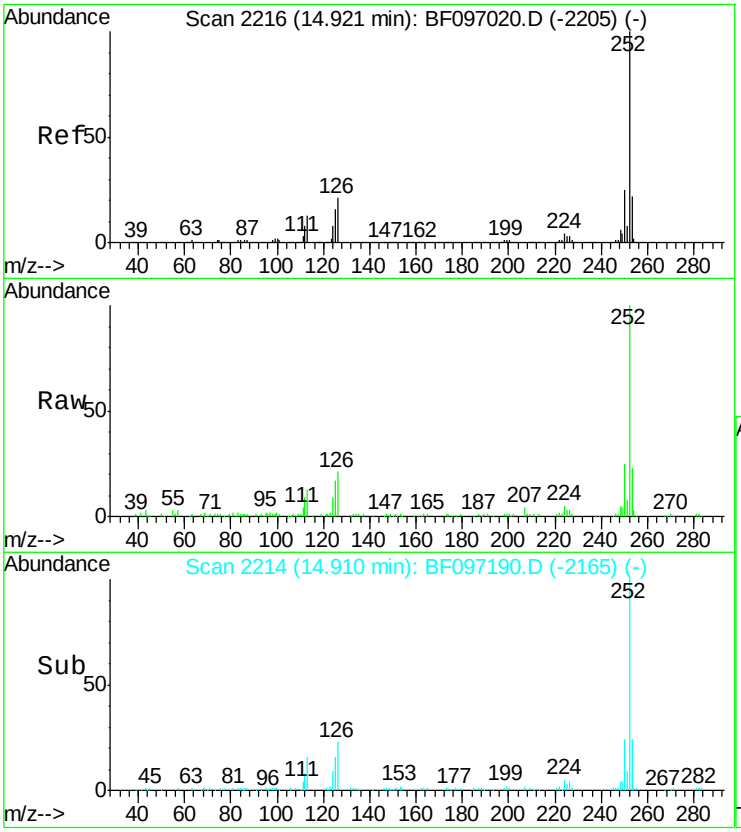


#88
Benzo(k)fluoranthene
Concen: 22.08 ng
RT: 14.60 min Scan# 2162
Delta R.T. -0.04 min
Lab File: BF097190.D
Acq: 29 Jul 2017 8:38

Tgt Ion:252 Resp: 161552

Ion	Ratio	Lower	Upper
252	100		
253	21.5	18.4	27.6
125	15.2	13.1	19.7



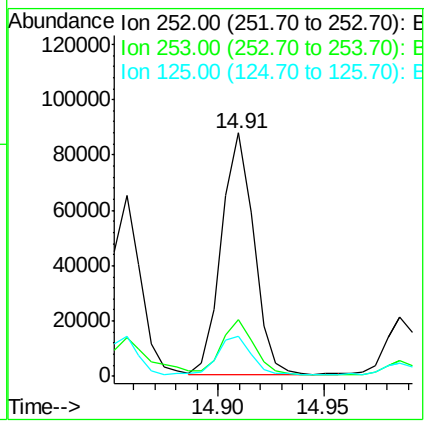


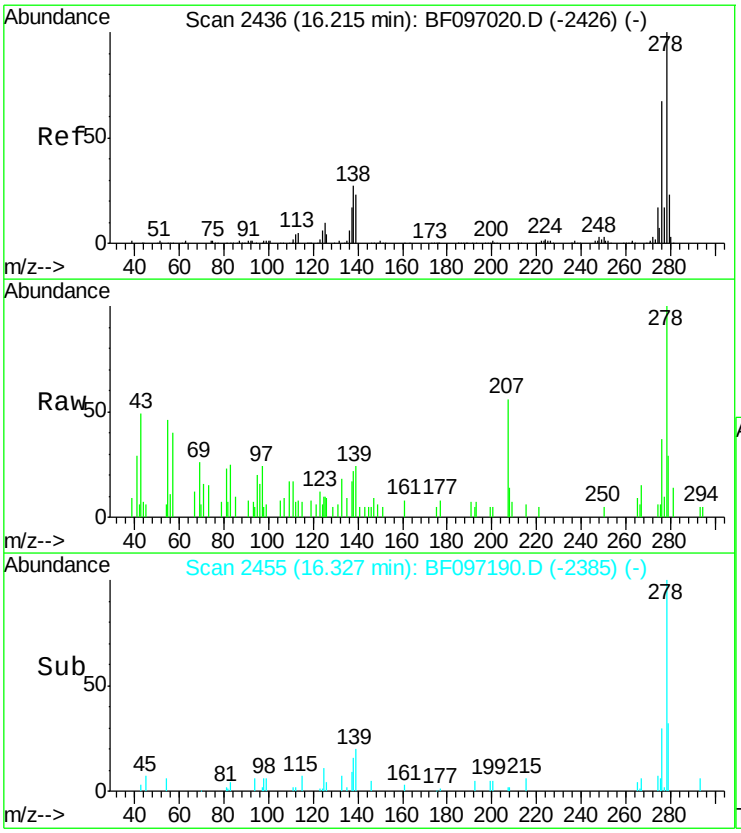
#89
Benzo(a)pyrene
Concen: 13.32 ng
RT: 14.91 min Scan# 2214
Delta R.T. -0.01 min
Lab File: BF097190.D
Acq: 29 Jul 2017 8:38

Instrument :
BNA_F
ClientSampleId :
E2-HS5-WSW

Tgt Ion:252 Resp: 93604

Ion	Ratio	Lower	Upper
252	100		
253	23.2	17.5	26.3
125	16.6	11.0	16.4#

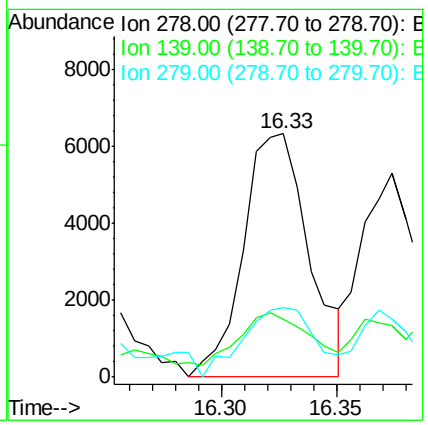


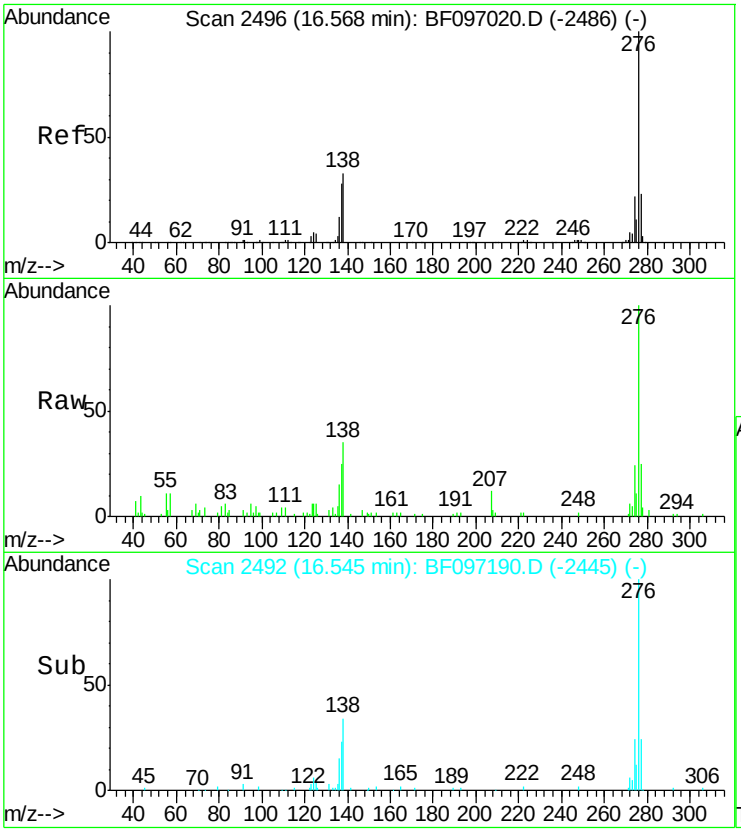


#90
Dibenzo(a,h)anthracene
Concen: 2.18 ng
RT: 16.33 min Scan# 2455
Delta R.T. 0.11 min
Lab File: BF097190.D
Acq: 29 Jul 2017 8:38

Tgt Ion:278 Resp: 12549

Ion	Ratio	Lower	Upper
278	100		
139	24.1	16.6	24.8
279	28.5	19.3	28.9





#91
Benzo(g,h,i)perylene
Concen: 7.68 ng
RT: 16.54 min Scan# 2492
Delta R.T. -0.02 min
Lab File: BF097190.D
Acq: 29 Jul 2017 8:38

Instrument :
BNA_F
ClientSampleId :
E2-HS5-WSW

Tgt Ion:276 Resp: 46402

Ion	Ratio	Lower	Upper
276	100		
277	24.9	18.6	28.0
138	34.8	25.4	38.0