Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA E\DATA\BE012417\
Data File : BE092680.D
Acq On : 25 Jan 2017 00:11
Operator : UM/SJ
Sample : I1378-09MS 10X
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument : BNA_E
ClientSampleId :

Quant Time: Jan 25 11:10:05 2017
Quant Method : Z:\HPCHEM1\BNA E\METHODS\8270-SIM-BE011617.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Jan 17 10:14:01 2017
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.14	152	11382	5.00	ng		0.00
7) Naphthalene-d8	10.91	136	57595	5.00	ng		0.00
12) Acenaphthene-d10	14.78	164	38003	5.00	ng		0.00
18) Phenanthrene-d10	17.53	188	80259	5.00	ng		0.00
24) Chrysene-d12	21.72	240	83621	5.00	ng		0.00
31) Perylene-d12	24.06	264	77877	5.00	ng		0.00
System Monitoring Compounds							
4) 2-Fluorophenol	5.65	112	2622	1.03	ng		0.00
5) Phenol-d6	7.31	99	3802	1.22	ng		-0.02
8) Nitrobenzene-d5	9.32	82	1916	0.51	ng		-0.02
13) 2,4,6-Tribromophenol	16.30	330	956	0.97	ng		0.00
14) 2-Fluorobiphenyl	13.41	172	4895	0.52	ng		-0.01
26) Terphenyl-d14	20.16	244	5666	0.48	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.39	88	763	0.43	ng	#	93
3) n-Nitrosodimethylamine	3.76	42	870	0.42	ng	#	94
6) bis(2-Chloroethyl)ether	7.57	93	1689	0.51	ng	#	84
9) Naphthalene	10.95	128	7234	0.60	ng		96
10) Hexachlorobutadiene	11.24	225	995	0.56	ng		98
11) 2-Methylnaphthalene	12.60	142	4468	0.60	ng		91
15) Acenaphthylene	14.49	152	31077	0.59	ng		100
16) Acenaphthene	14.85	154	5255	0.63	ng		95
17) Fluorene	15.83	166	6614	0.63	ng		99
19) Hexachlorobenzene	16.86	284	1854	0.63	ng	#	39
20) Pentachlorophenol	17.26	266	735	0.89	ng		95
21) Phenanthrene	17.58	178	16738	0.94	ng	#	95
22) Anthracene	17.67	178	13055	0.80	ng		98
23) Fluoranthene	19.58	202	82547	1.05	ng		100
25) Pyrene	19.93	202	80543	0.98	ng		97
27) Benzo(a)anthracene	21.70	228	60977	0.74	ng	#	81
28) Chrysene	21.70	228	60977	0.66	ng	#	63
29) Bis(2-ethylhexyl)phthalate	21.61	149	8489	0.71	ng	#	73
30) Indeno(1,2,3-cd)pyrene	26.53	276	59594	0.60	ng		98
32) Benzo(b)fluoranthene	23.34	252	15133	0.80	ng		98
33) Benzo(k)fluoranthene	23.38	252	13691	0.72	ng		96
34) Benzo(a)pyrene	23.95	252	14323	0.81	ng		98
35) Dibenzo(a,h)anthracene	26.55	278	10769	0.62	ng	#	94
36) Benzo(g,h,i)perylene	27.30	276	53605	0.73	ng		99

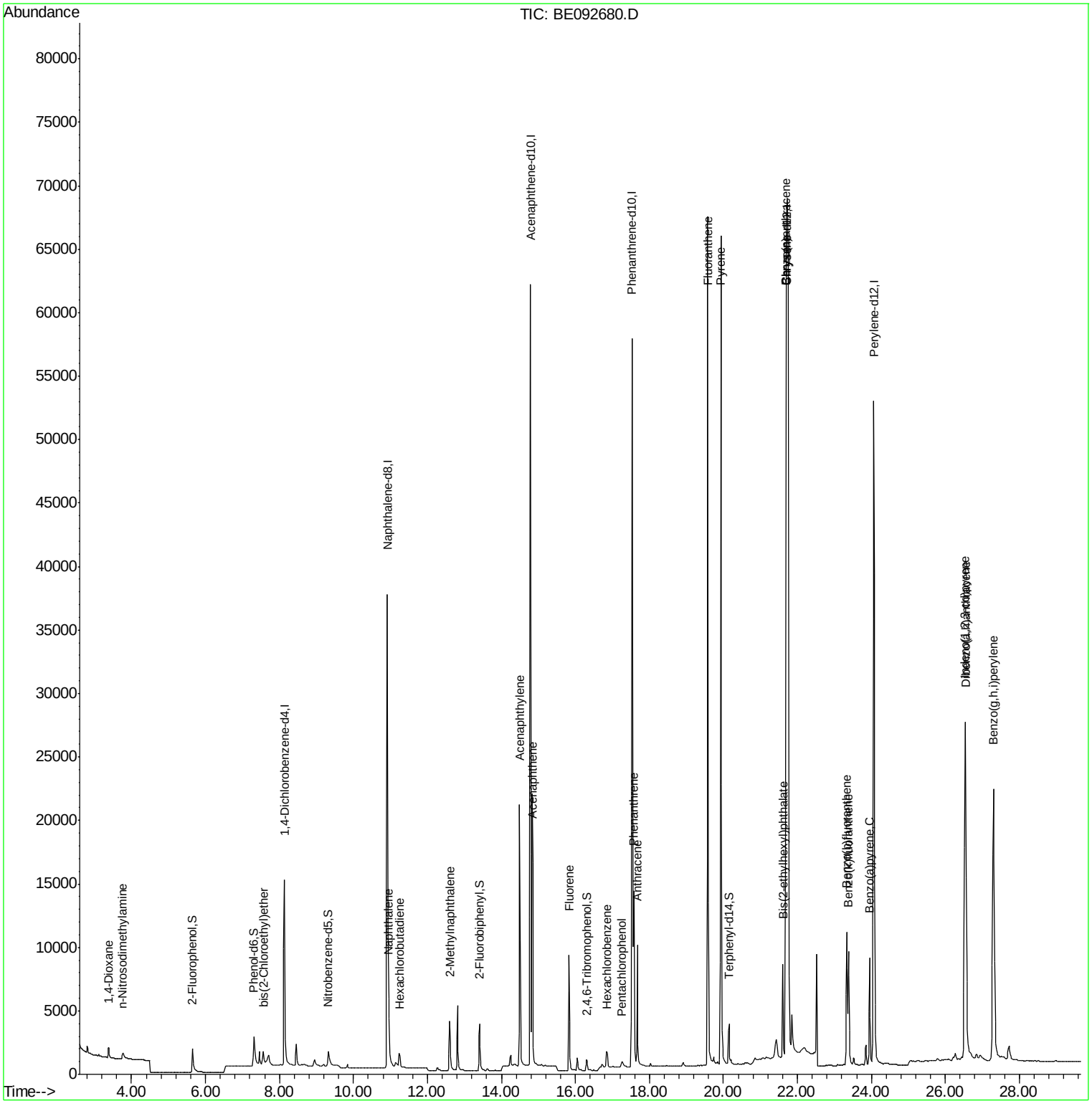
(#) = qualifier out of range (m) = manual integration (+) = signals summed

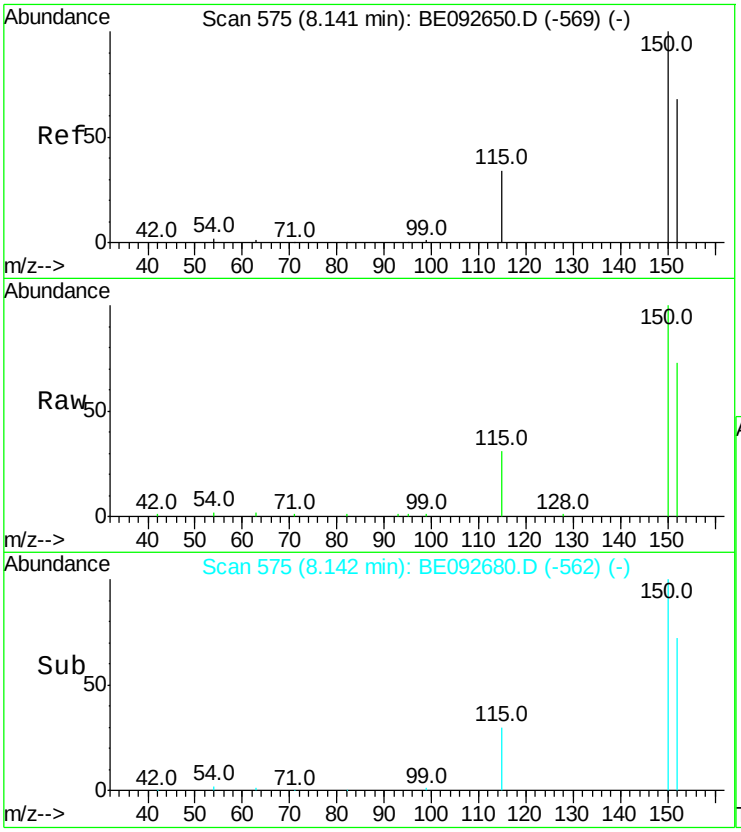
Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA E\DATA\BE012417\
Data File : BE092680.D
Acq On : 25 Jan 2017 00:11
Operator : UM/SJ
Sample : I1378-09MS 10X
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument :
BNA_E
ClientSampleId :

Quant Time: Jan 25 11:10:05 2017
Quant Method : Z:\HPCHEM1\BNA E\METHODS\8270-SIM-BE011617.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Jan 17 10:14:01 2017
Response via : Initial Calibration



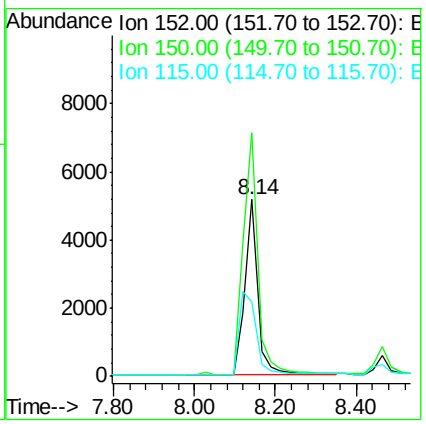


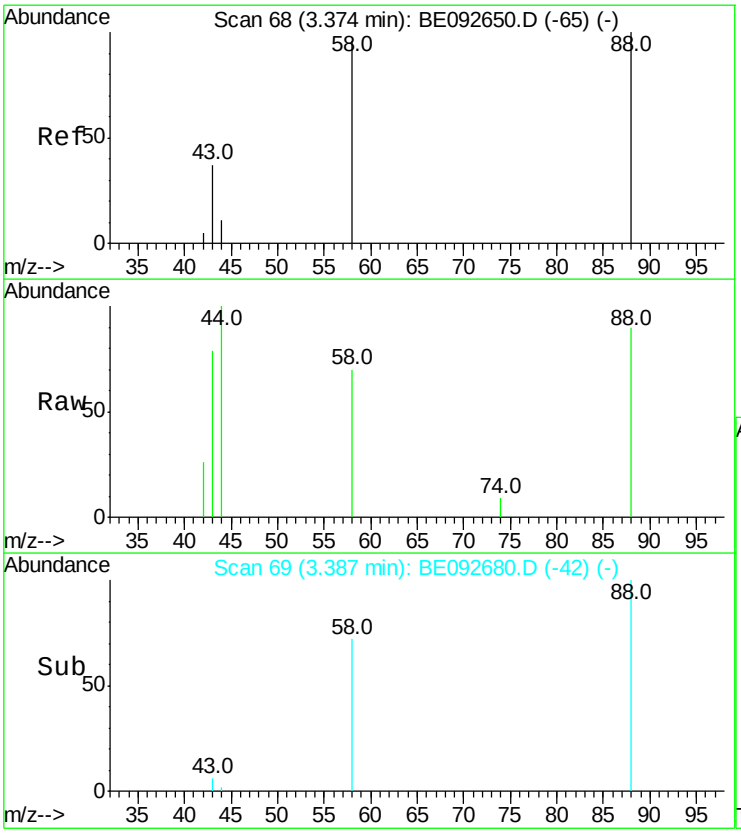
#1
1,4-Dichlorobenzene-d4
Concen: 5.00 ng
RT: 8.14 min Scan# 575
Delta R.T. 0.00 min
Lab File: BE092680.D
Acq: 25 Jan 2017 00:11

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:152 Resp: 11382

Ion	Ratio	Lower	Upper
152	100		
150	137.8	106.0	159.0
115	42.6	31.2	46.8

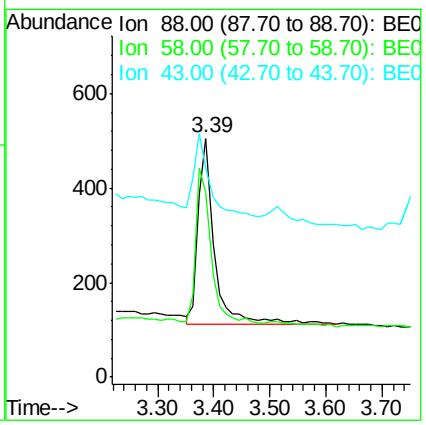


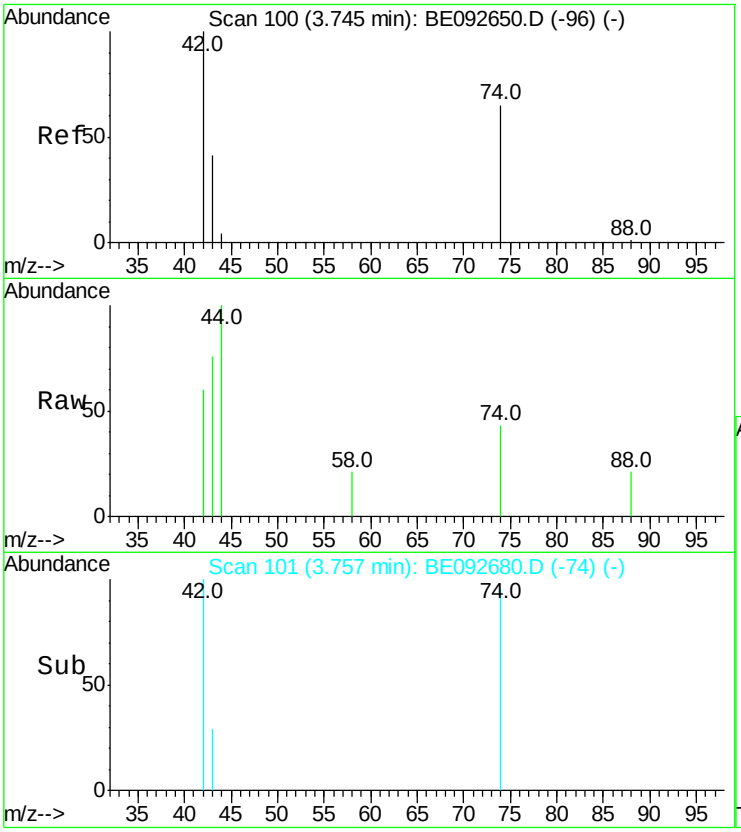


#2
1,4-Dioxane
Concen: 0.43 ng
RT: 3.39 min Scan# 69
Delta R.T. 0.01 min
Lab File: BE092680.D
Acq: 25 Jan 2017 00:11

Tgt Ion: 88 Resp: 763

Ion	Ratio	Lower	Upper
88	100		
58	76.1	63.6	95.4
43	42.6	28.0	42.0#



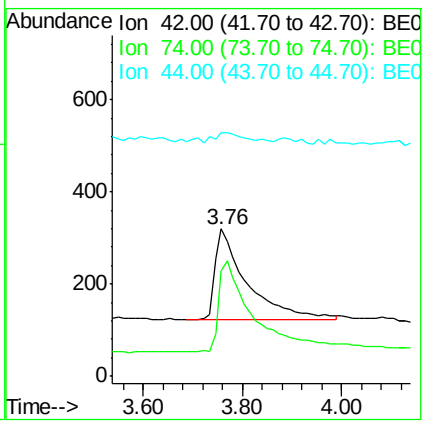


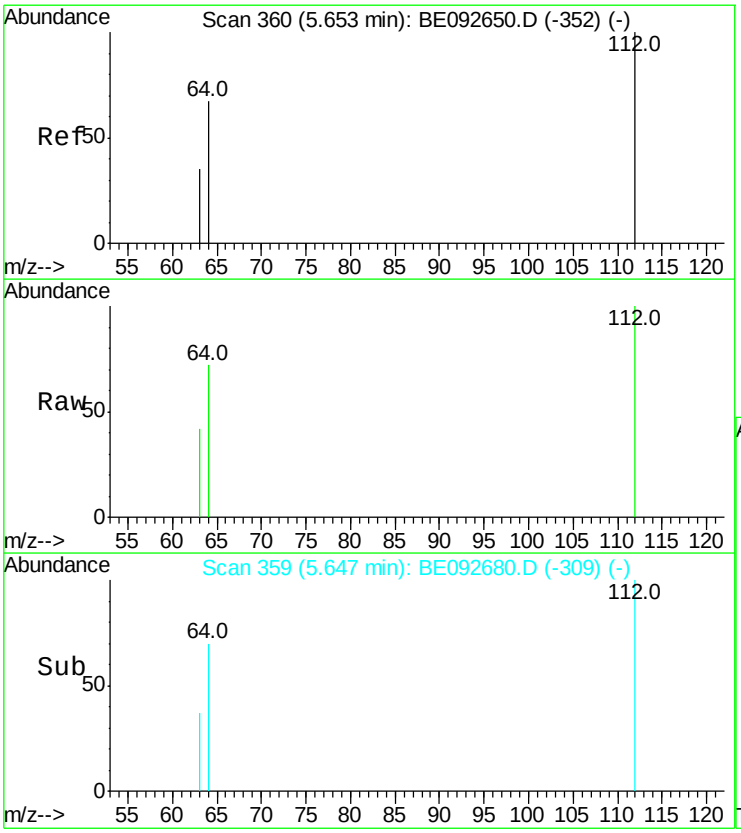
#3
n-Nitrosodimethylamine
Concen: 0.42 ng
RT: 3.76 min Scan# 101
Delta R.T. 0.01 min
Lab File: BE092680.D
Acq: 25 Jan 2017 00:11

Instrument :
BNA_E
ClientSampleId :

Tgt Ion: 42 Resp: 870

Ion	Ratio	Lower	Upper
42	100		
74	113.1	86.0	129.0
44	11.3	5.1	7.7#

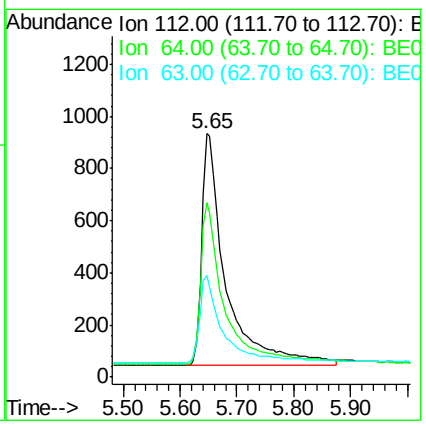


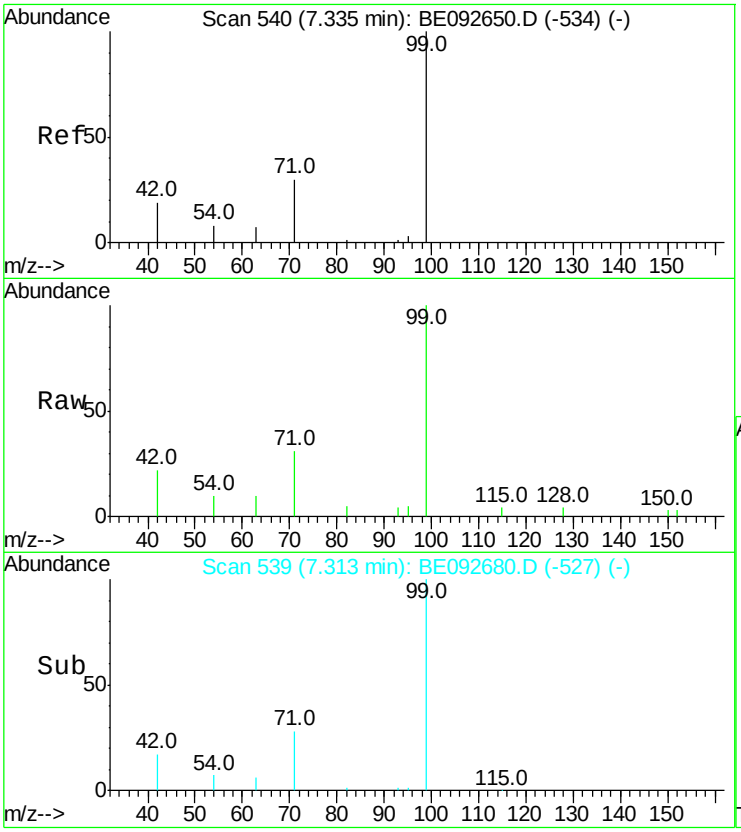


#4
2-Fluorophenol
Concen: 1.03 ng
RT: 5.65 min Scan# 359
Delta R.T. -0.01 min
Lab File: BE092680.D
Acq: 25 Jan 2017 00:11

Tgt Ion:112 Resp: 2622

Ion	Ratio	Lower	Upper
112	100		
64	70.2	53.5	80.3
63	36.3	27.9	41.9



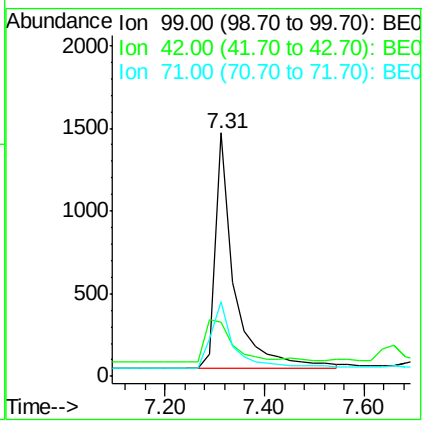


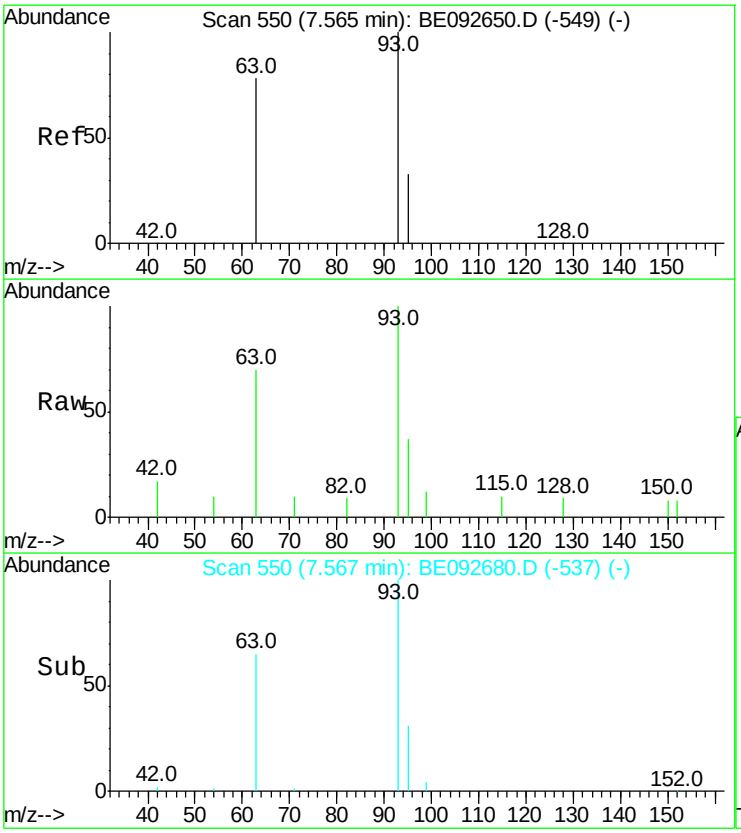
#5
Phenol-d6
Concen: 1.22 ng
RT: 7.31 min Scan# 539
Delta R.T. -0.02 min
Lab File: BE092680.D
Acq: 25 Jan 2017 00:11

Instrument :
BNA_E
ClientSampleId :

Tgt Ion: 99 Resp: 3802

Ion	Ratio	Lower	Upper
99	100		
42	0.0	16.0	24.0#
71	34.3	30.6	45.8

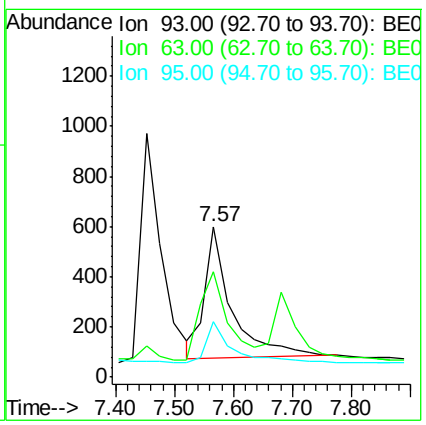


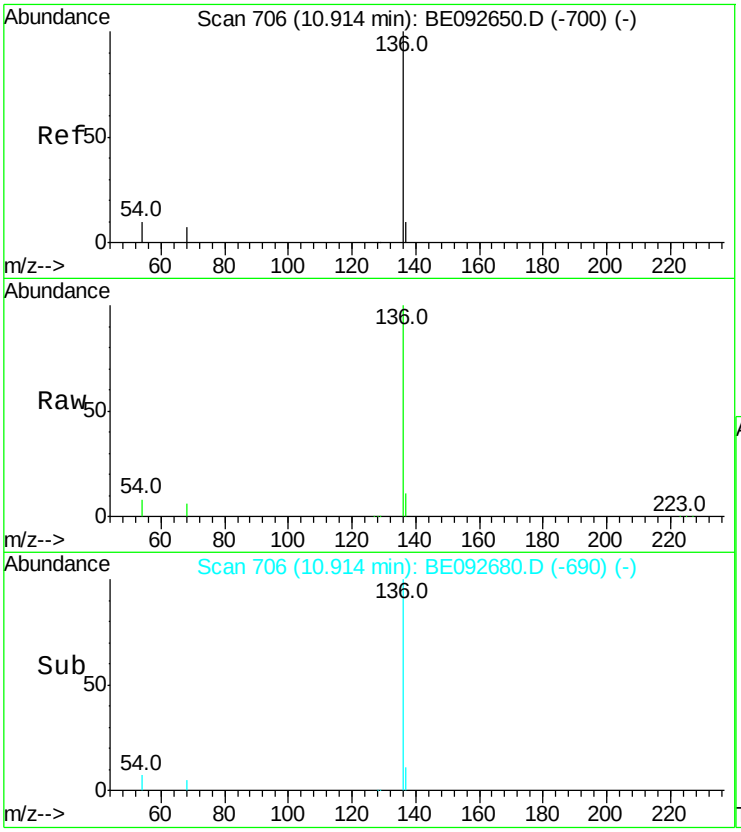


#6
bis(2-Chloroethyl)ether
Concen: 0.51 ng
RT: 7.57 min Scan# 550
Delta R.T. 0.00 min
Lab File: BE092680.D
Acq: 25 Jan 2017 00:11

Tgt Ion: 93 Resp: 1689

Ion	Ratio	Lower	Upper
93	100		
63	69.4	71.6	107.4#
95	30.8	24.0	36.0



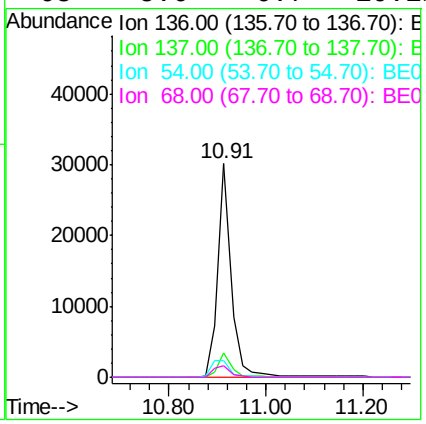


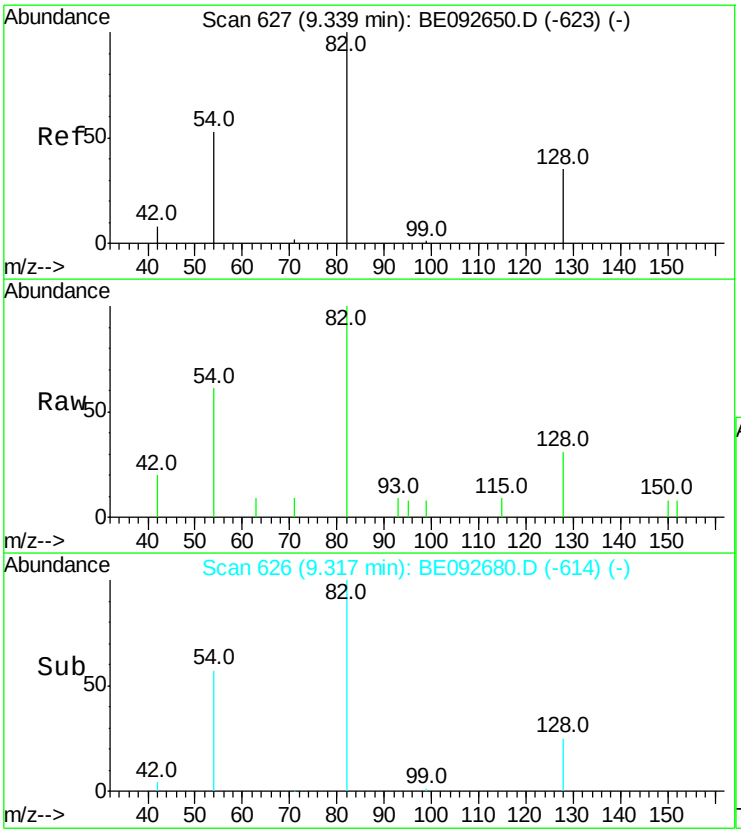
#7
Naphthalene-d8
Concen: 5.00 ng
RT: 10.91 min Scan# 706
Delta R.T. -0.00 min
Lab File: BE092680.D
Acq: 25 Jan 2017 00:11

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:136 Resp: 57595

Ion	Ratio	Lower	Upper
136	100		
137	11.3	8.2	12.4
54	7.6	9.6	14.4#
68	5.6	6.7	10.1#

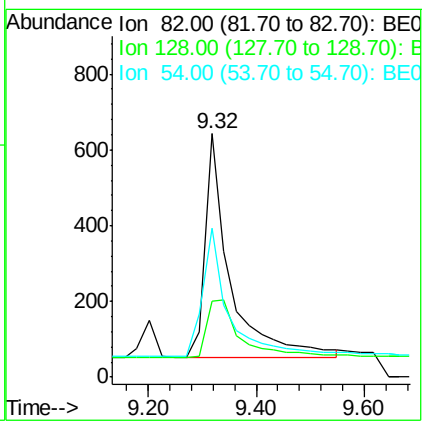


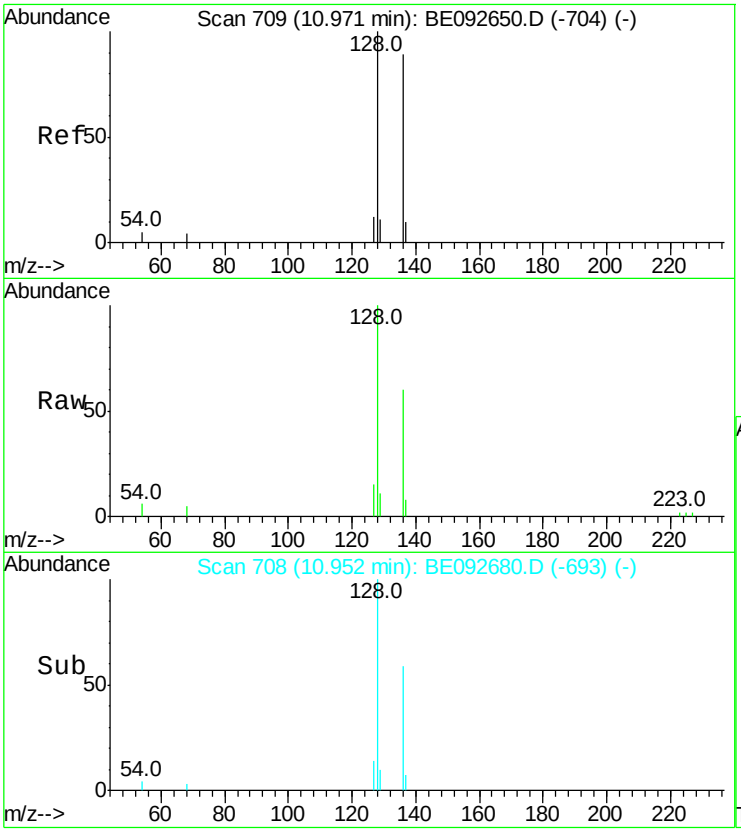


#8
Nitrobenzene-d5
Concen: 0.51 ng
RT: 9.32 min Scan# 626
Delta R.T. -0.02 min
Lab File: BE092680.D
Acq: 25 Jan 2017 00:11

Tgt Ion: 82 Resp: 1916

Ion	Ratio	Lower	Upper
82	100		
128	31.4	39.0	58.4#
54	61.3	44.8	67.2



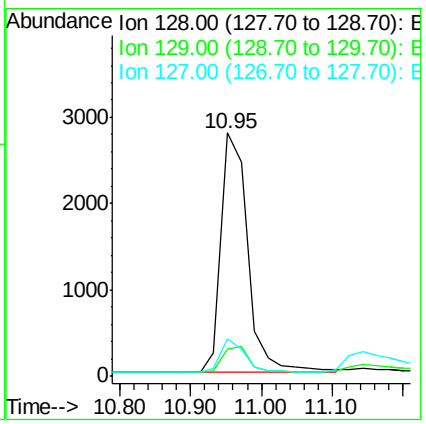


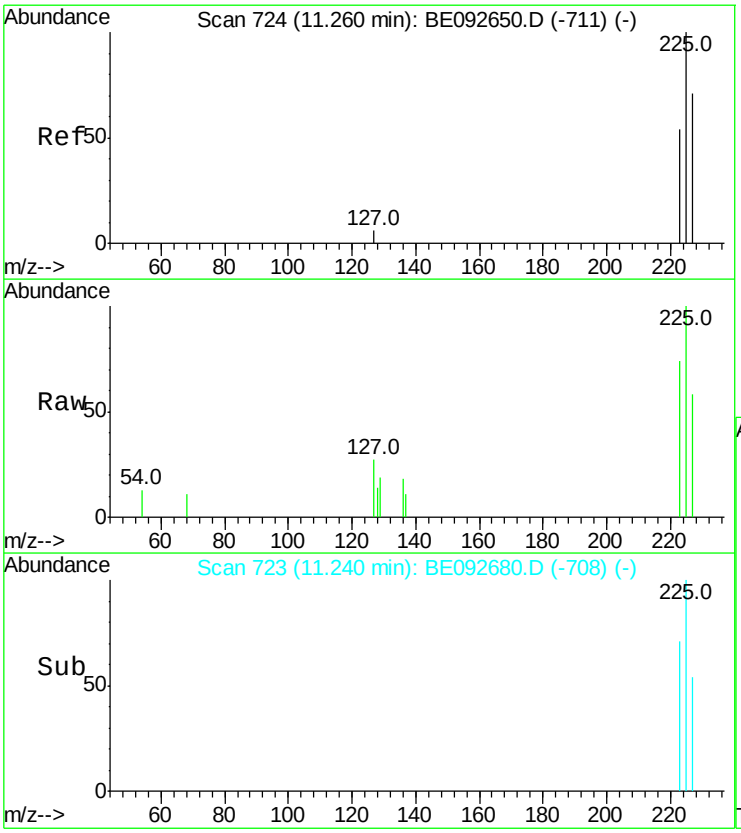
#9
Naphthalene
Concen: 0.60 ng
RT: 10.95 min Scan# 708
Delta R.T. -0.02 min
Lab File: BE092680.D
Acq: 25 Jan 2017 00:11

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:128 Resp: 7234

Ion	Ratio	Lower	Upper
128	100		
129	11.4	11.2	16.8
127	15.5	11.6	17.4

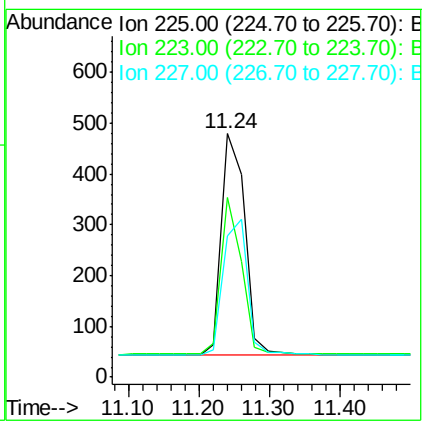


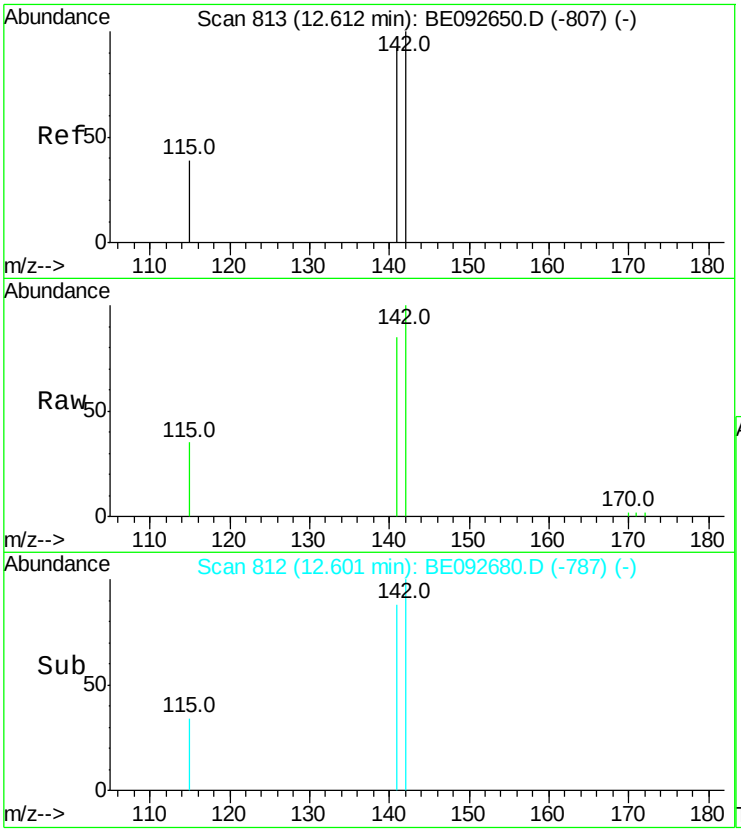


#10
Hexachlorobutadiene
Concen: 0.56 ng
RT: 11.24 min Scan# 723
Delta R.T. -0.02 min
Lab File: BE092680.D
Acq: 25 Jan 2017 00:11

Tgt Ion:225 Resp: 995

Ion	Ratio	Lower	Upper
225	100		
223	61.9	50.6	76.0
227	62.6	51.4	77.0



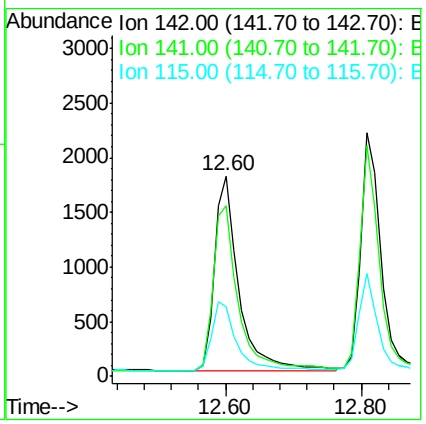


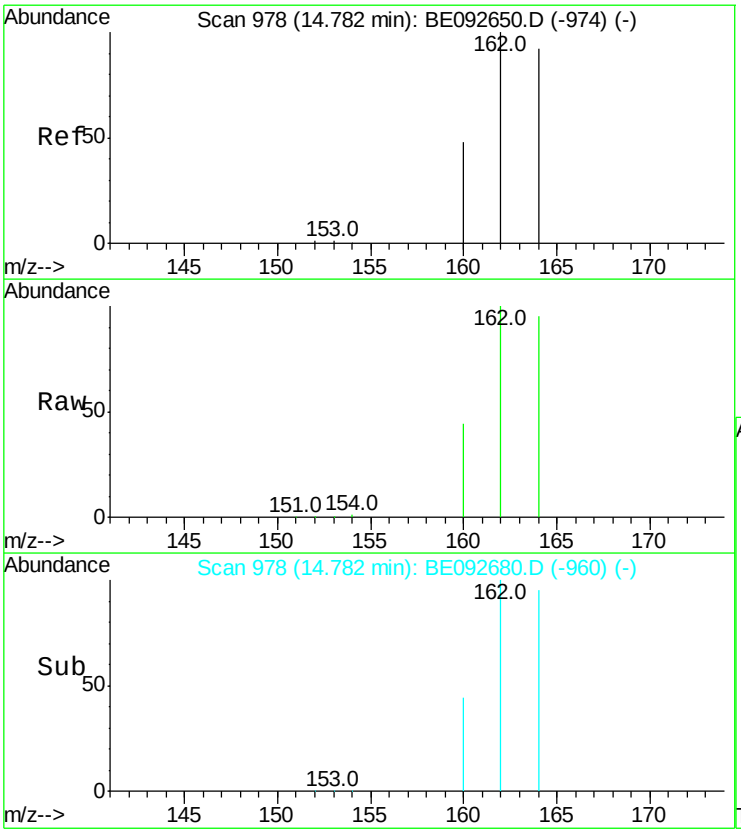
#11
2-Methylnaphthalene
Concen: 0.60 ng
RT: 12.60 min Scan# 812
Delta R.T. -0.01 min
Lab File: BE092680.D
Acq: 25 Jan 2017 00:11

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:142 Resp: 4468

Ion	Ratio	Lower	Upper
142	100		
141	85.0	73.7	110.5
115	34.9	34.0	51.0

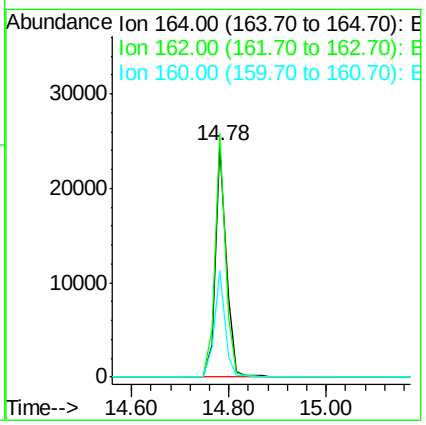


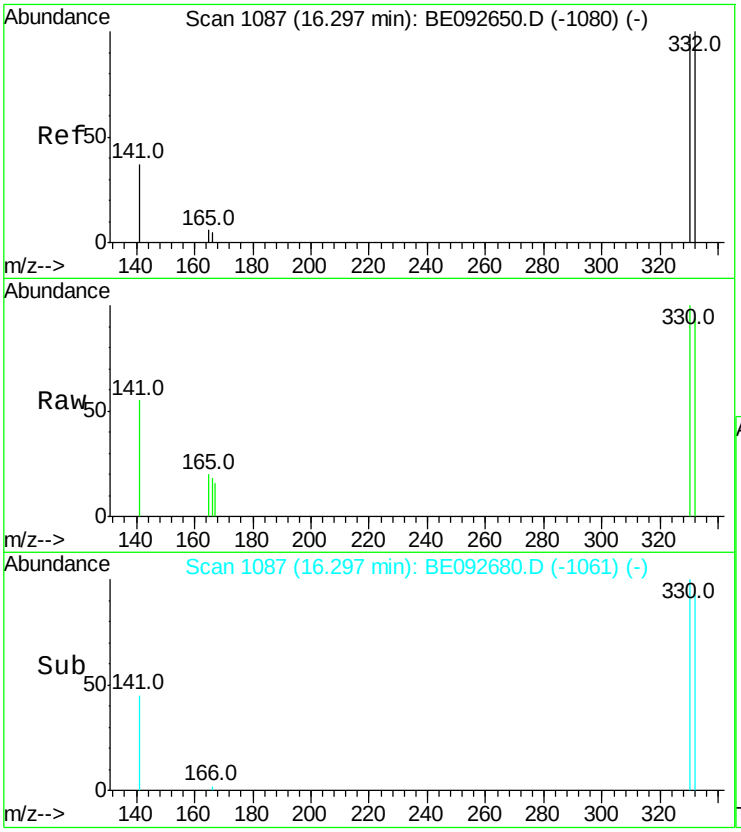


#12
Acenaphthene-d10
Concen: 5.00 ng
RT: 14.78 min Scan# 978
Delta R.T. 0.00 min
Lab File: BE092680.D
Acq: 25 Jan 2017 00:11

Tgt Ion:164 Resp: 38003

Ion	Ratio	Lower	Upper
164	100		
162	105.5	71.4	107.0
160	46.4	27.4	41.2#



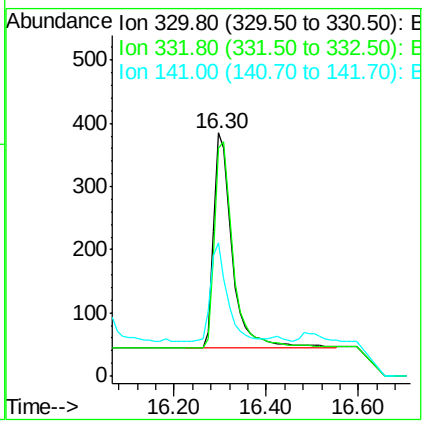


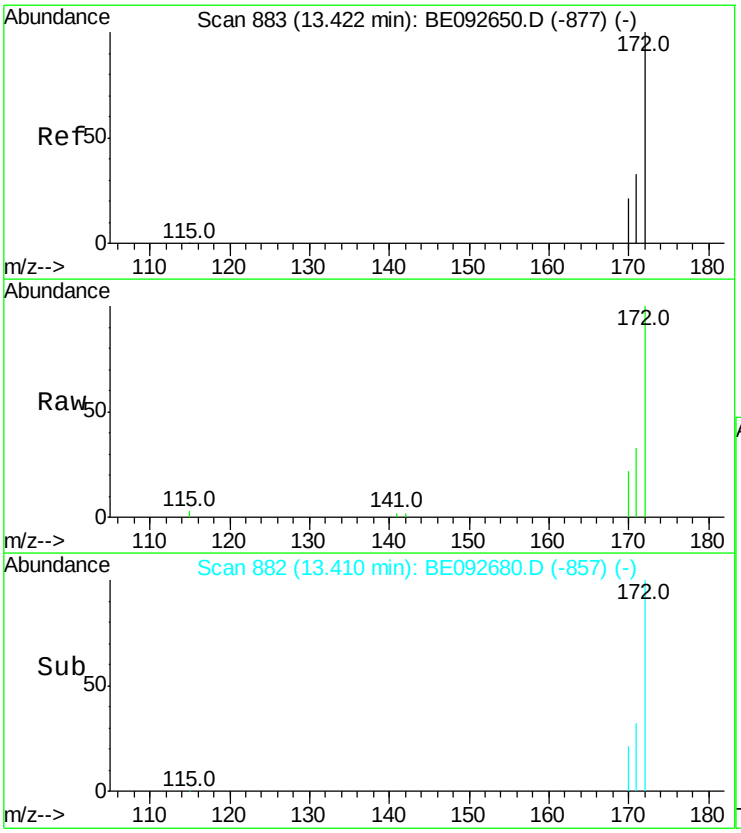
#13
2,4,6-Tribromophenol
Concen: 0.97 ng
RT: 16.30 min Scan# 1087
Delta R.T. 0.00 min
Lab File: BE092680.D
Acq: 25 Jan 2017 00:11

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:330 Resp: 956

Ion	Ratio	Lower	Upper
330	100		
332	96.7	75.4	113.0
141	41.7	31.0	46.6

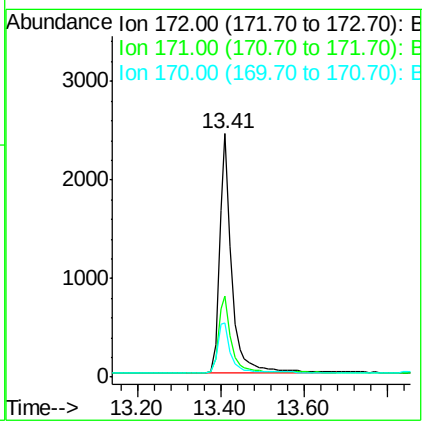


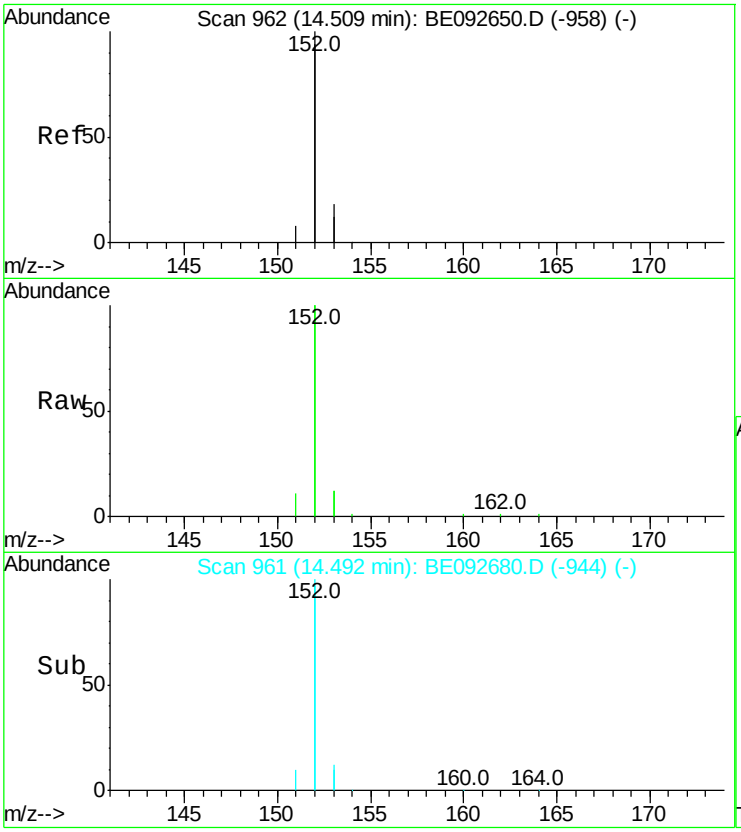


#14
2-Fluorobiphenyl
Concen: 0.52 ng
RT: 13.41 min Scan# 882
Delta R.T. -0.01 min
Lab File: BE092680.D
Acq: 25 Jan 2017 00:11

Tgt Ion:172 Resp: 4895

Ion	Ratio	Lower	Upper
172	100		
171	33.3	30.1	45.1
170	22.1	21.8	32.6



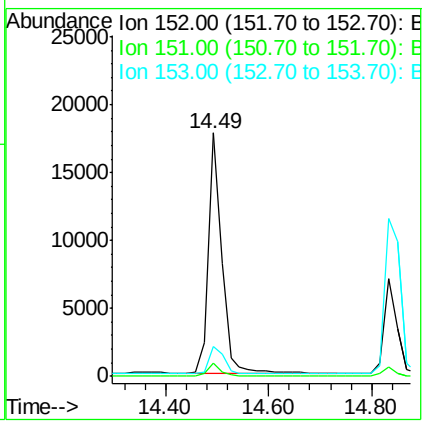


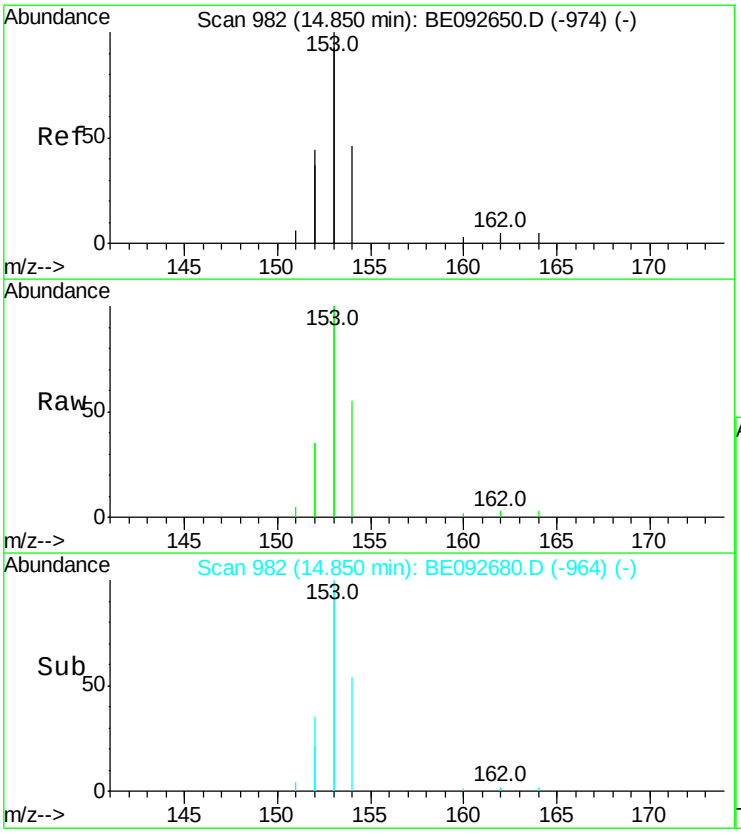
#15
Acenaphthylene
Concen: 0.59 ng
RT: 14.49 min Scan# 961
Delta R.T. -0.02 min
Lab File: BE092680.D
Acq: 25 Jan 2017 00:11

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:152 Resp: 31077

Ion	Ratio	Lower	Upper
152	100		
151	4.9	3.9	5.9
153	13.0	10.4	15.6

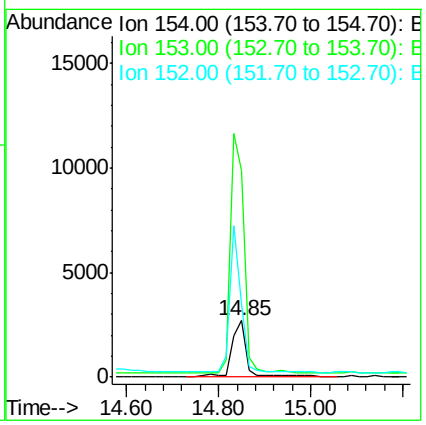


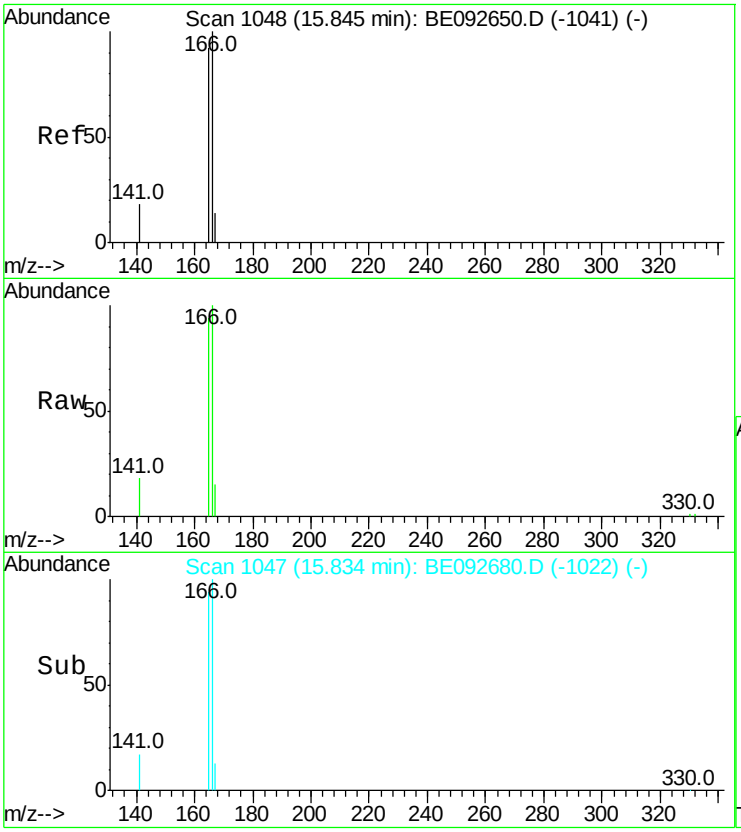


#16
Acenaphthene
Concen: 0.63 ng
RT: 14.85 min Scan# 982
Delta R.T. 0.00 min
Lab File: BE092680.D
Acq: 25 Jan 2017 00:11

Tgt Ion:154 Resp: 5255

Ion	Ratio	Lower	Upper
154	100		
153	448.8	350.8	526.2
152	223.4	171.1	256.7



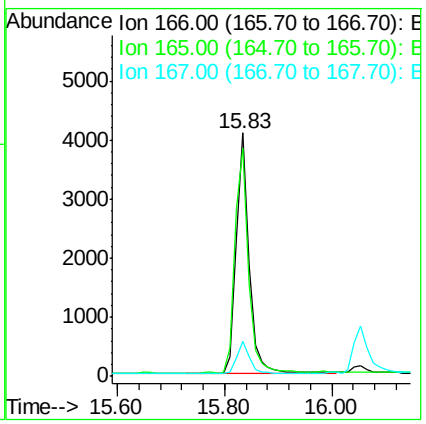


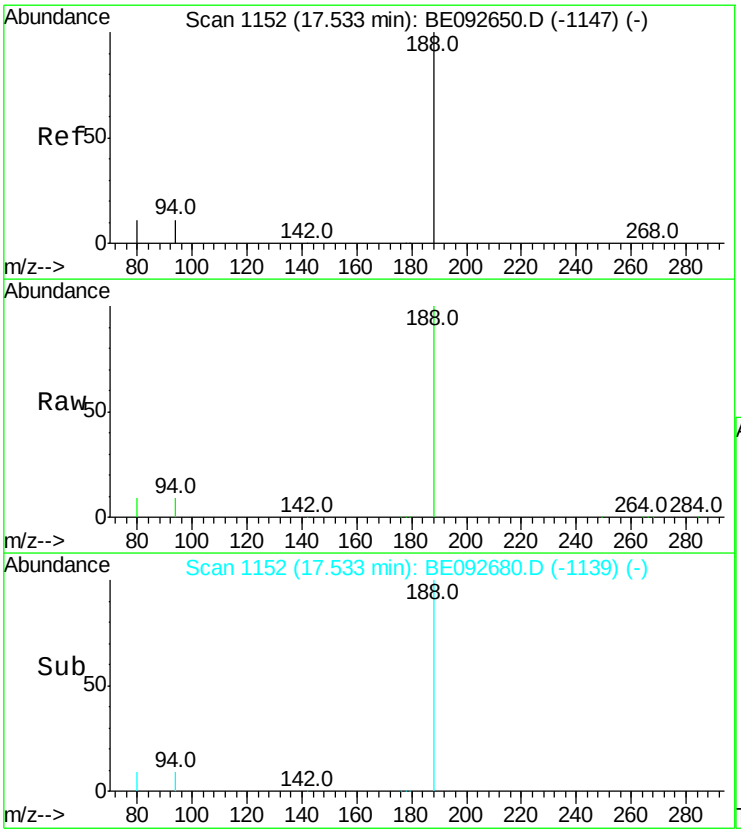
#17
Fluorene
Concen: 0.63 ng
RT: 15.83 min Scan# 1047
Delta R.T. -0.01 min
Lab File: BE092680.D
Acq: 25 Jan 2017 00:11

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:166 Resp: 6614

Ion	Ratio	Lower	Upper
166	100		
165	99.0	78.2	117.4
167	13.2	11.0	16.4

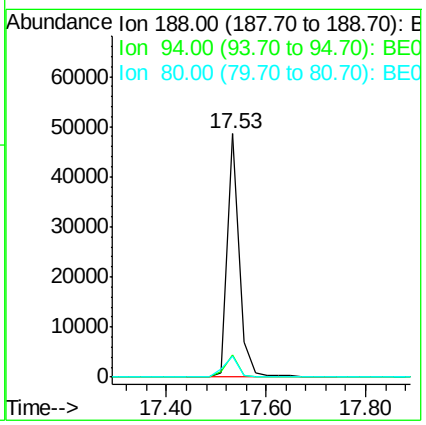


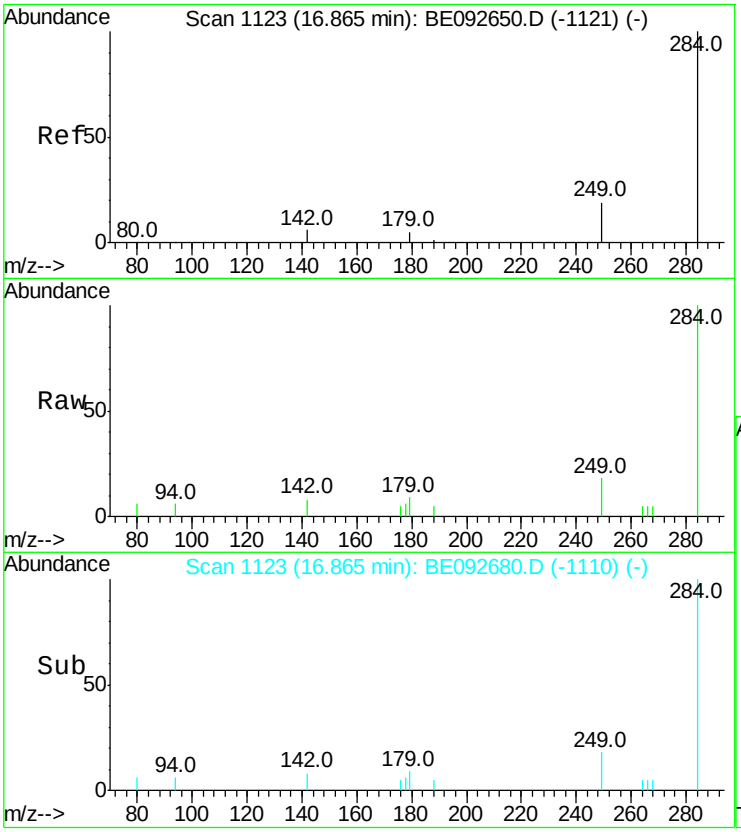


#18
Phenanthrene-d10
Concen: 5.00 ng
RT: 17.53 min Scan# 1152
Delta R.T. -0.00 min
Lab File: BE092680.D
Acq: 25 Jan 2017 00:11

Tgt Ion:188 Resp: 80259

Ion	Ratio	Lower	Upper
188	100		
94	9.3	3.2	4.8#
80	8.7	2.6	3.8#



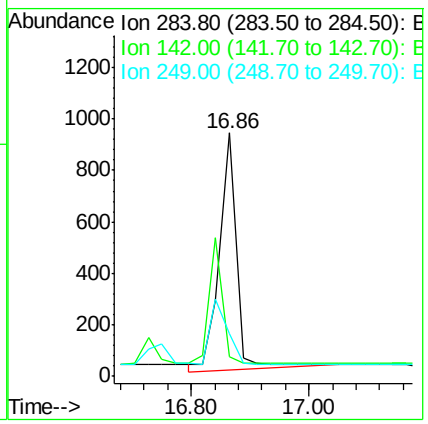


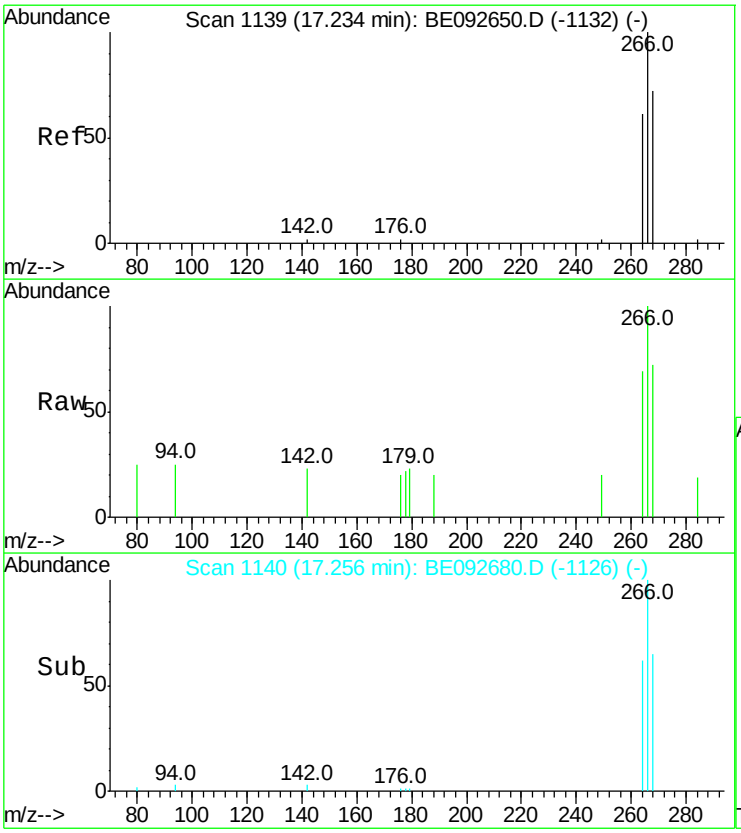
#19
Hexachlorobenzene
Concen: 0.63 ng
RT: 16.86 min Scan# 1123
Delta R.T. -0.00 min
Lab File: BE092680.D
Acq: 25 Jan 2017 00:11

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:284 Resp: 1854

Ion	Ratio	Lower	Upper
284	100		
142	0.0	29.1	43.7#
249	0.0	27.9	41.9#

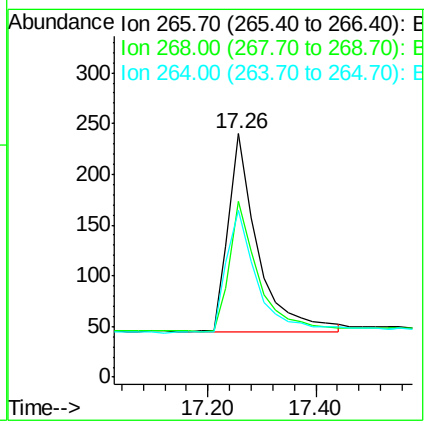


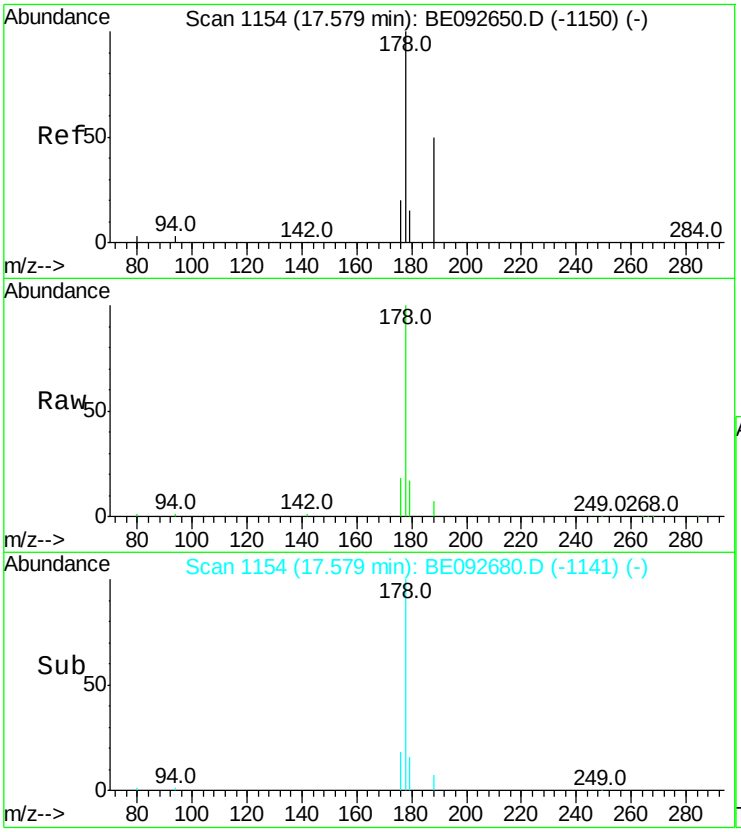


#20
Pentachlorophenol
Concen: 0.89 ng
RT: 17.26 min Scan# 1140
Delta R.T. 0.02 min
Lab File: BE092680.D
Acq: 25 Jan 2017 00:11

Tgt Ion:266 Resp: 735

Ion	Ratio	Lower	Upper
266	100		
268	72.1	62.5	93.7
264	68.8	57.2	85.8



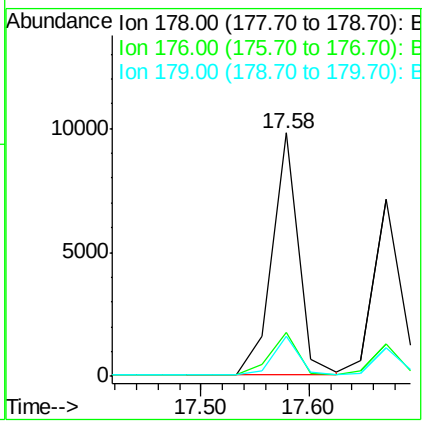


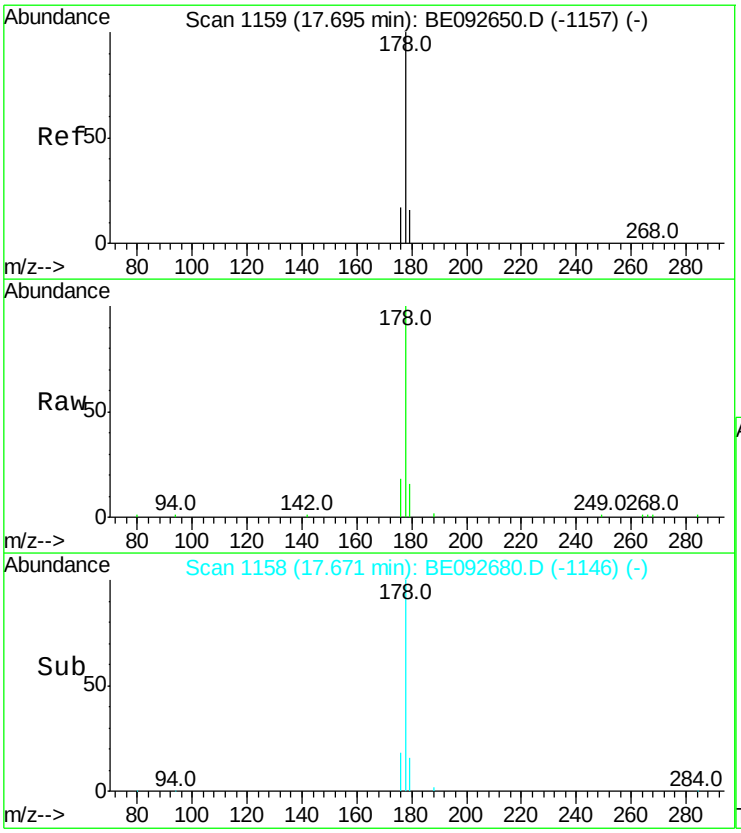
#21
Phenanthrene
Concen: 0.94 ng
RT: 17.58 min Scan# 1154
Delta R.T. -0.00 min
Lab File: BE092680.D
Acq: 25 Jan 2017 00:11

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:178 Resp: 16738

Ion	Ratio	Lower	Upper
178	100		
176	19.1	15.8	23.8
179	16.0	16.0	24.0#

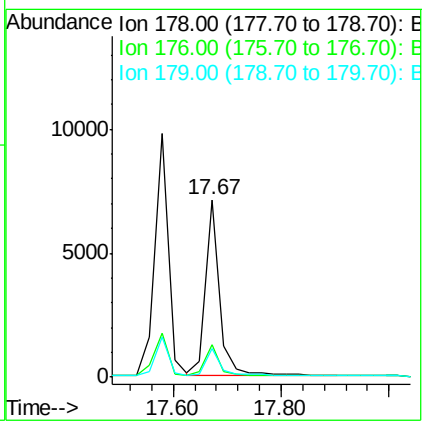


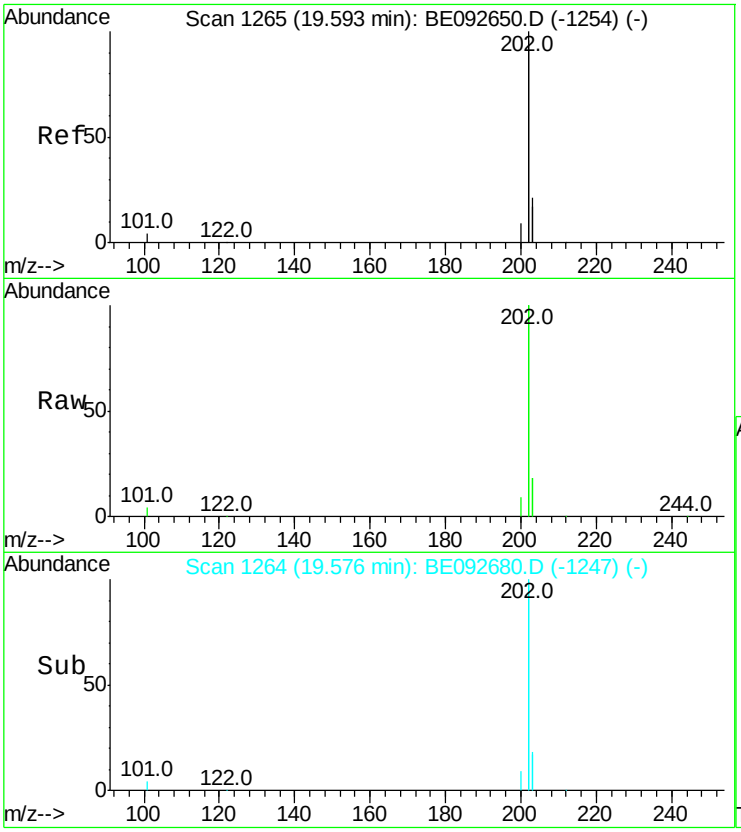


#22
Anthracene
Concen: 0.80 ng
RT: 17.67 min Scan# 1158
Delta R.T. -0.02 min
Lab File: BE092680.D
Acq: 25 Jan 2017 00:11

Tgt Ion:178 Resp: 13055

Ion	Ratio	Lower	Upper
178	100		
176	18.1	15.0	22.4
179	16.5	12.2	18.2



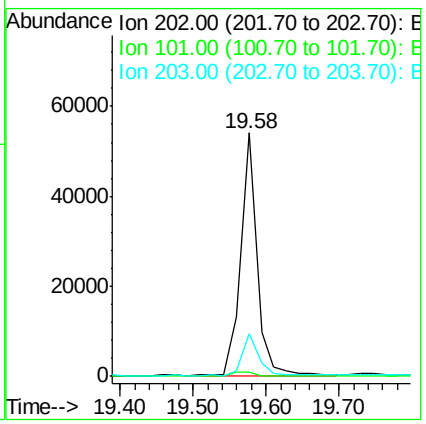


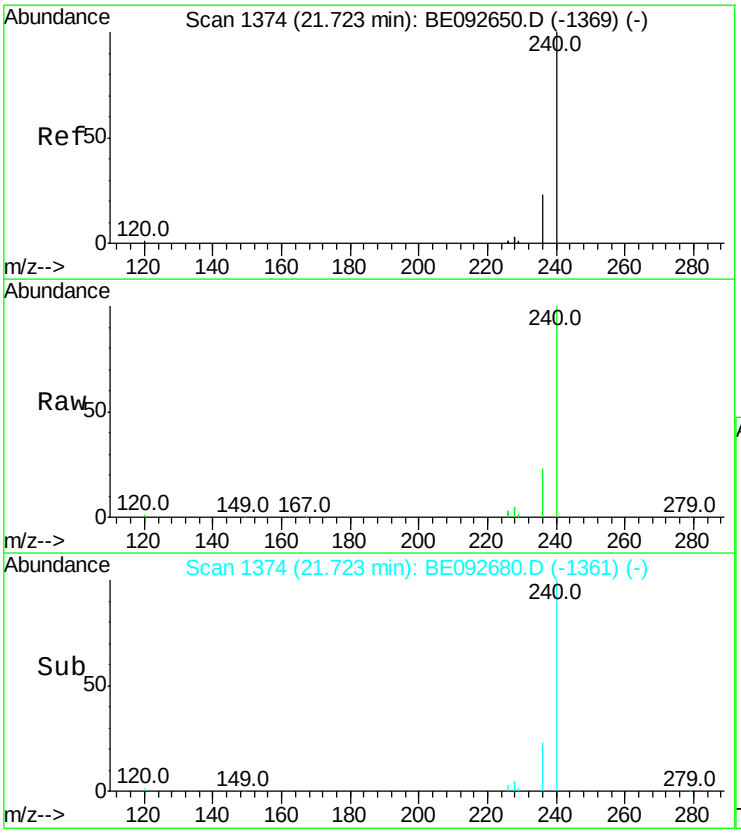
#23
Fluoranthene
Concen: 1.05 ng
RT: 19.58 min Scan# 1264
Delta R.T. -0.02 min
Lab File: BE092680.D
Acq: 25 Jan 2017 00:11

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:202 Resp: 82547

Ion	Ratio	Lower	Upper
202	100		
101	2.8	2.2	3.4
203	17.1	13.7	20.5

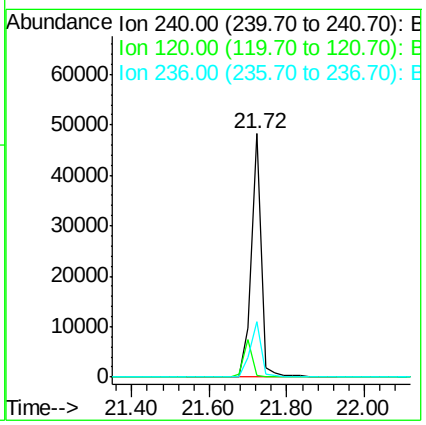


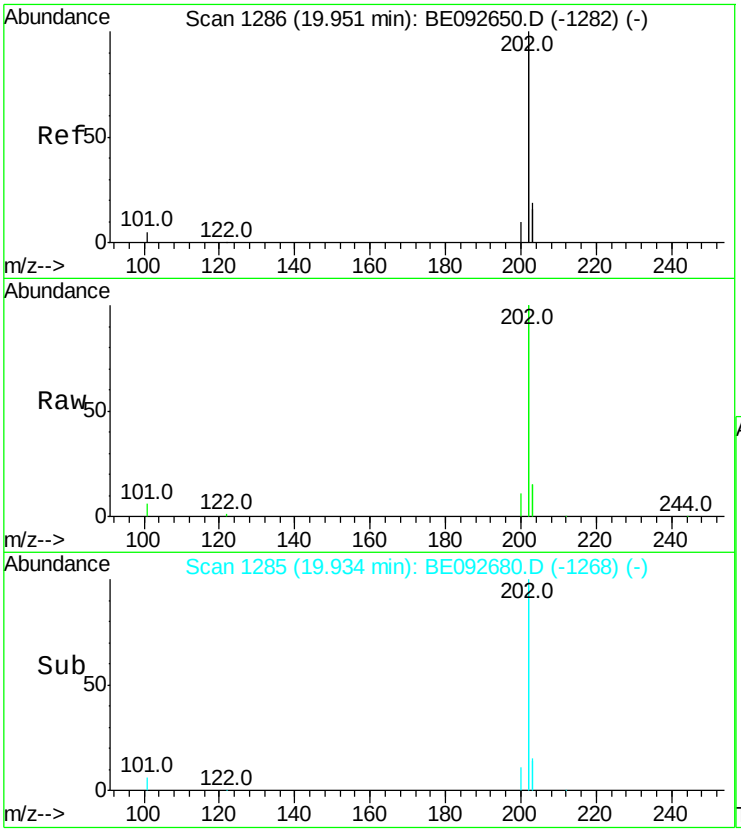


#24
Chrysene-d12
Concen: 5.00 ng
RT: 21.72 min Scan# 1374
Delta R.T. -0.00 min
Lab File: BE092680.D
Acq: 25 Jan 2017 00:11

Tgt Ion:240 Resp: 83621

Ion	Ratio	Lower	Upper
240	100		
120	0.9	2.6	4.0#
236	22.7	24.6	37.0#



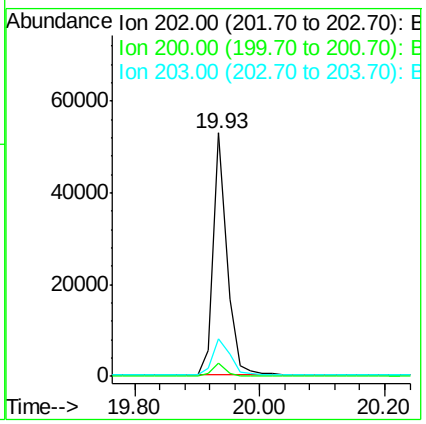


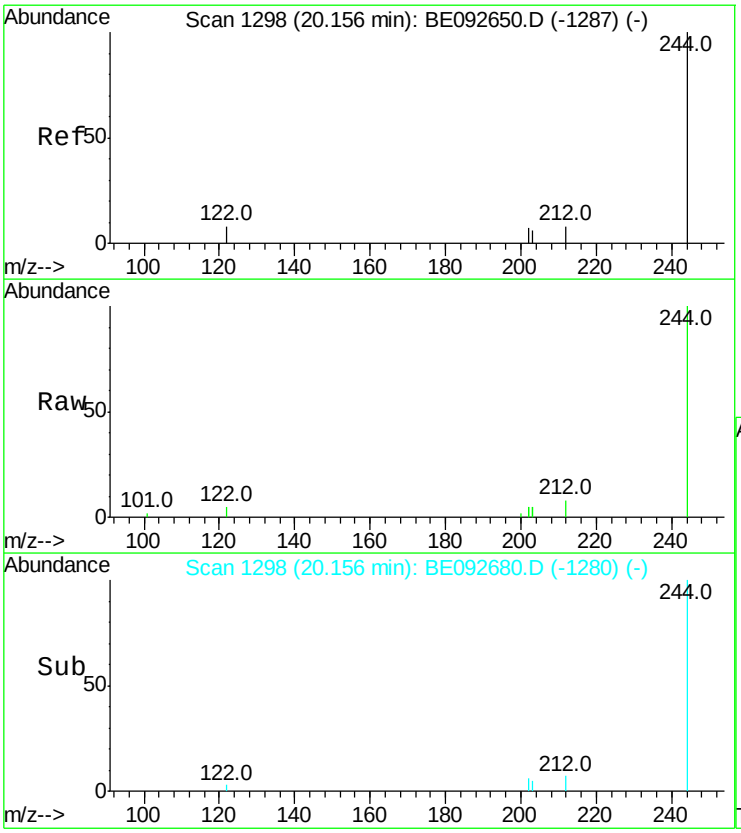
#25
Pyrene
Concen: 0.98 ng
RT: 19.93 min Scan# 1285
Delta R.T. -0.02 min
Lab File: BE092680.D
Acq: 25 Jan 2017 00:11

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:202 Resp: 80543

Ion	Ratio	Lower	Upper
202	100		
200	5.3	4.2	6.4
203	19.3	13.9	20.9

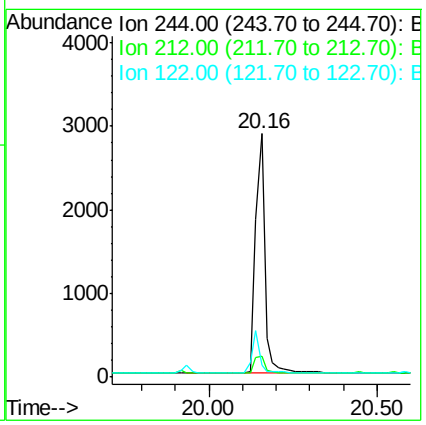


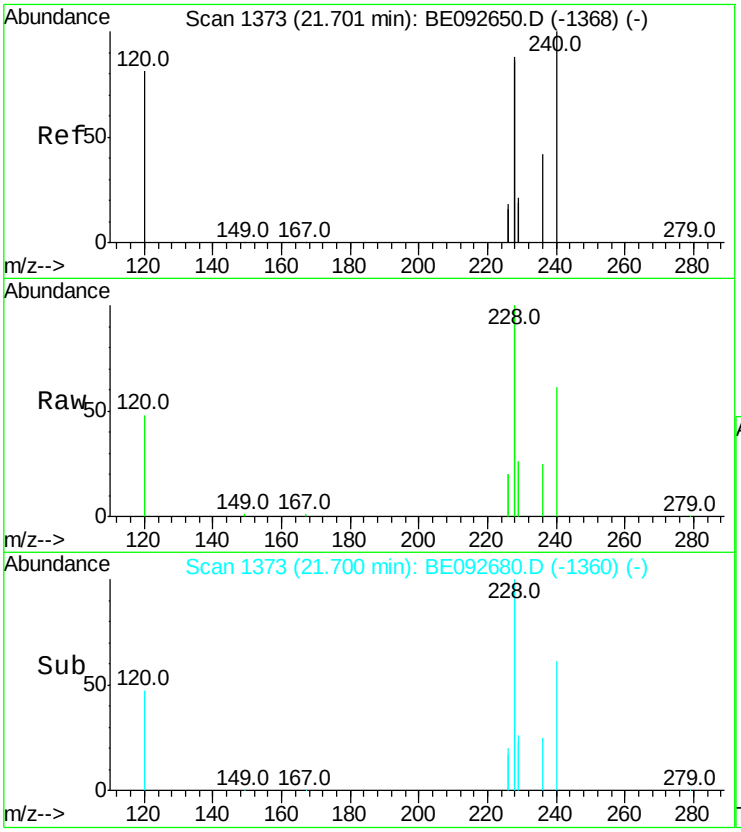


#26
Terphenyl-d14
Concen: 0.48 ng
RT: 20.16 min Scan# 1298
Delta R.T. 0.00 min
Lab File: BE092680.D
Acq: 25 Jan 2017 00:11

Tgt Ion:244 Resp: 5666

Ion	Ratio	Lower	Upper
244	100		
212	8.4	6.7	10.1
122	4.7	3.6	5.4



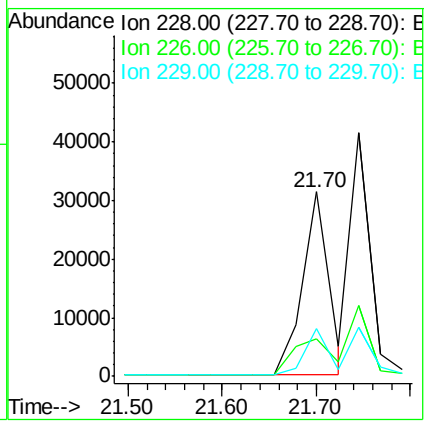


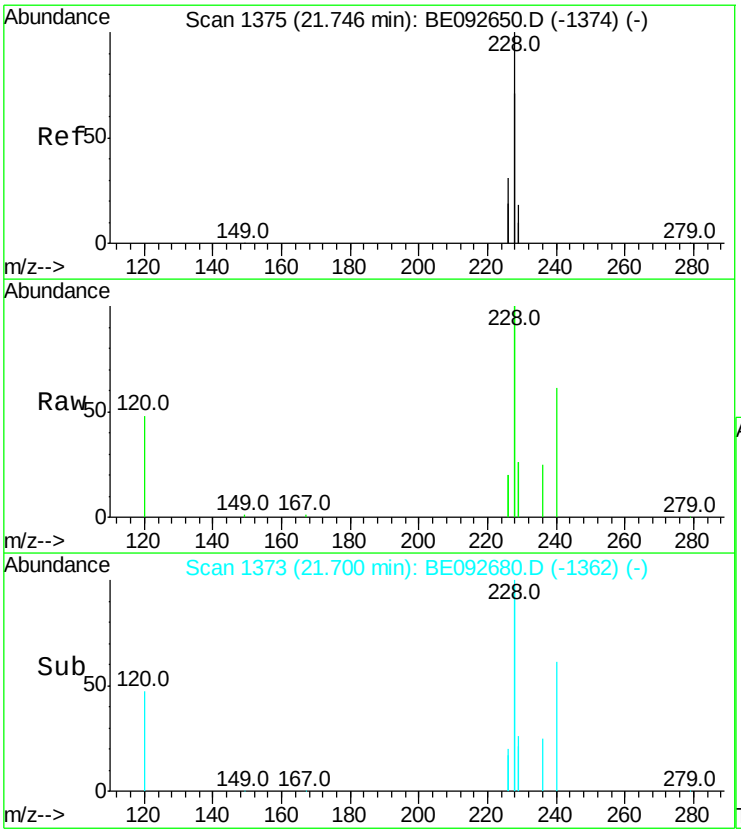
#27
Benzo(a)anthracene
Concen: 0.74 ng
RT: 21.70 min Scan# 1373
Delta R.T. -0.00 min
Lab File: BE092680.D
Acq: 25 Jan 2017 00:11

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:228 Resp: 60977

Ion	Ratio	Lower	Upper
228	100		
226	20.2	23.6	35.4#
229	26.0	13.3	19.9#

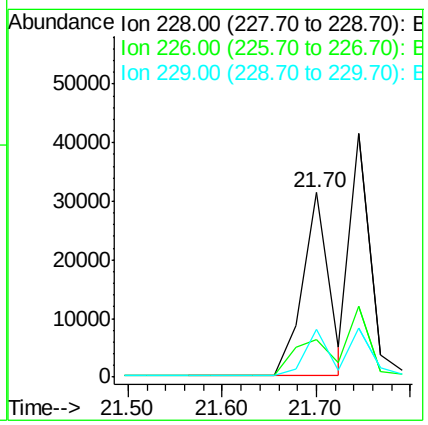


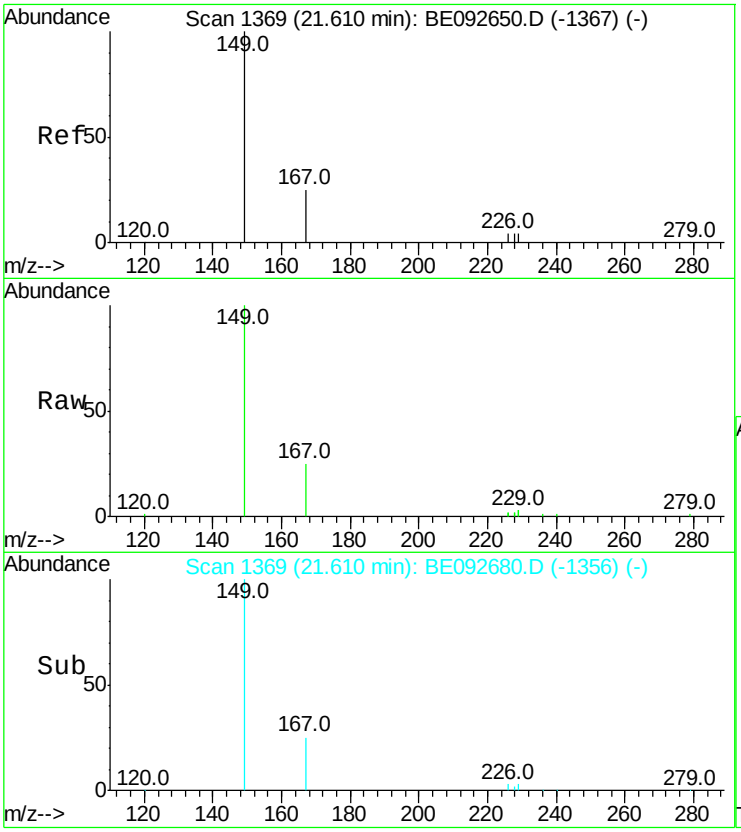


#28
Chrysene
Concen: 0.66 ng
RT: 21.70 min Scan# 1373
Delta R.T. -0.05 min
Lab File: BE092680.D
Acq: 25 Jan 2017 00:11

Tgt Ion:228 Resp: 60977

Ion	Ratio	Lower	Upper
228	100		
226	20.2	36.3	54.5#
229	26.0	10.6	16.0#



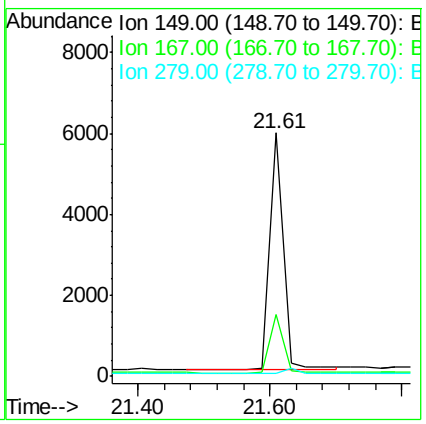


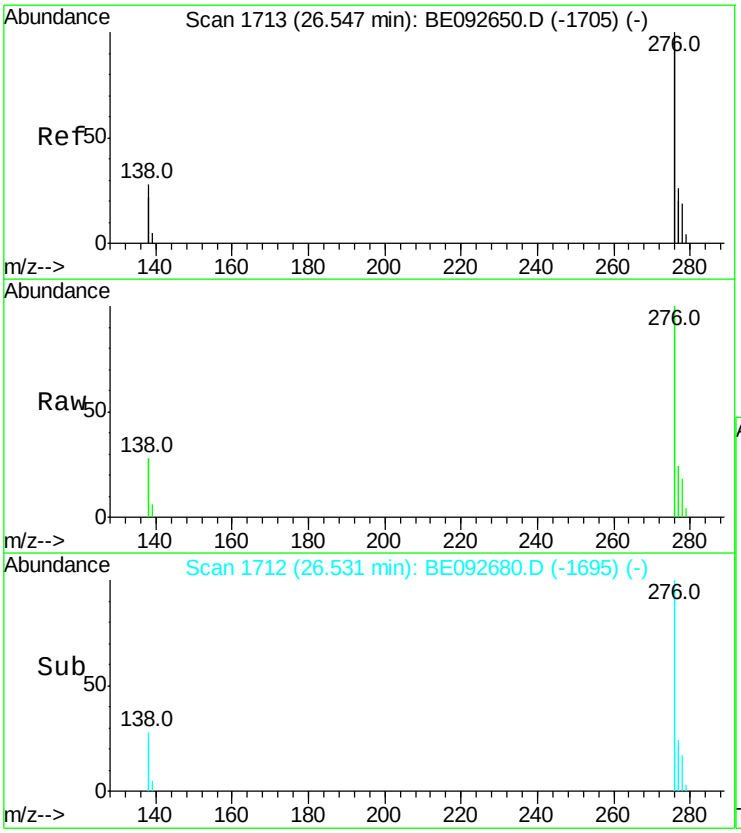
#29
Bis(2-ethylhexyl)phthalate
Concen: 0.71 ng
RT: 21.61 min Scan# 1369
Delta R.T. -0.00 min
Lab File: BE092680.D
Acq: 25 Jan 2017 00:11

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:149 Resp: 8489

Ion	Ratio	Lower	Upper
149	100		
167	24.4	16.0	24.0#
279	0.0	16.0	24.0#

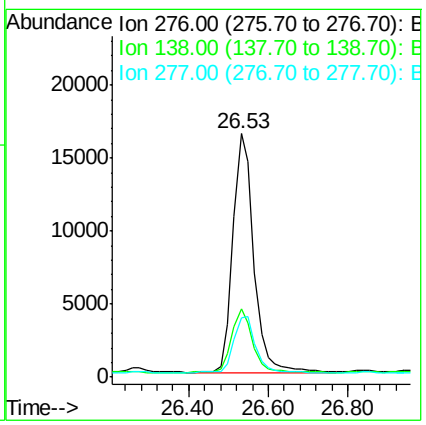


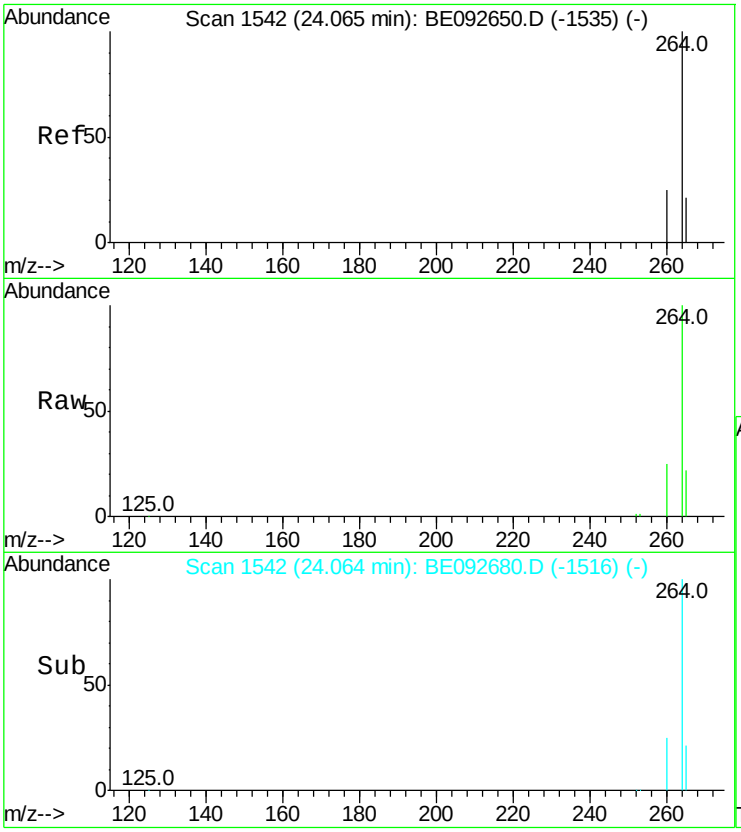


#30
Indeno(1,2,3-cd)pyrene
Concen: 0.60 ng
RT: 26.53 min Scan# 1712
Delta R.T. -0.02 min
Lab File: BE092680.D
Acq: 25 Jan 2017 00:11

Tgt Ion:276 Resp: 59594

Ion	Ratio	Lower	Upper
276	100		
138	27.4	20.3	30.5
277	24.9	19.7	29.5



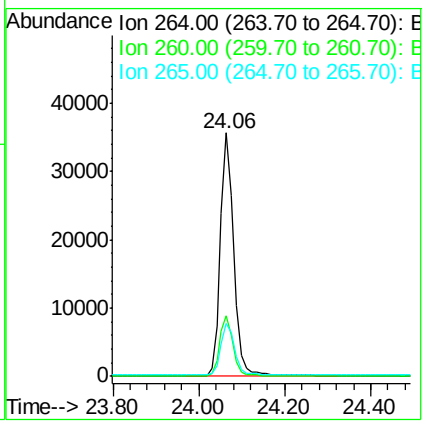


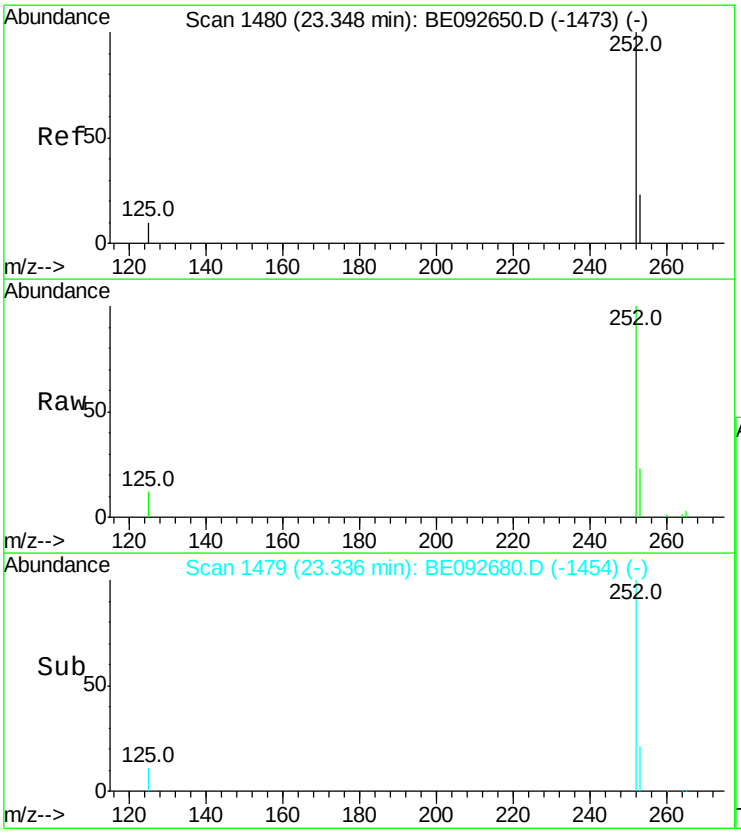
#31
Perylene-d12
Concen: 5.00 ng
RT: 24.06 min Scan# 1542
Delta R.T. -0.00 min
Lab File: BE092680.D
Acq: 25 Jan 2017 00:11

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:264 Resp: 77877

Ion	Ratio	Lower	Upper
264	100		
260	25.1	20.1	30.1
265	21.8	17.9	26.9

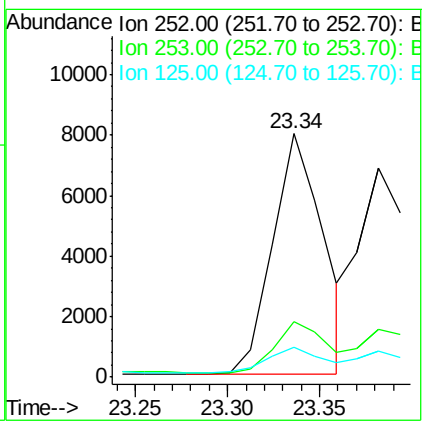


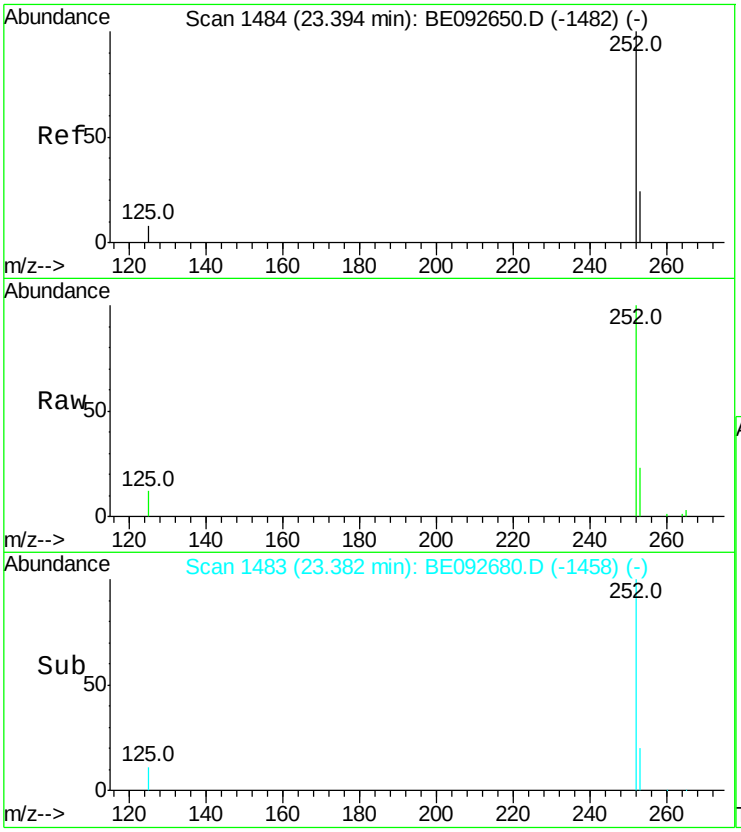


#32
Benzo(b)fluoranthene
Concen: 0.80 ng
RT: 23.34 min Scan# 1479
Delta R.T. -0.01 min
Lab File: BE092680.D
Acq: 25 Jan 2017 00:11

Tgt Ion:252 Resp: 15133

Ion	Ratio	Lower	Upper
252	100		
253	22.9	18.7	28.1
125	12.0	10.5	15.7



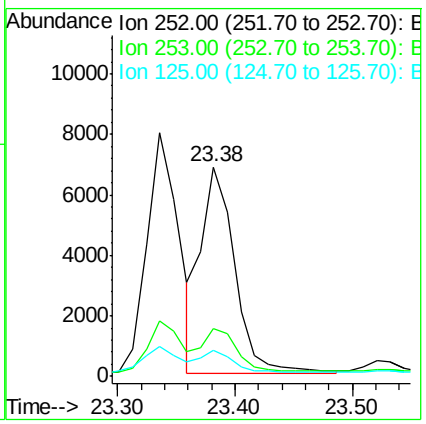


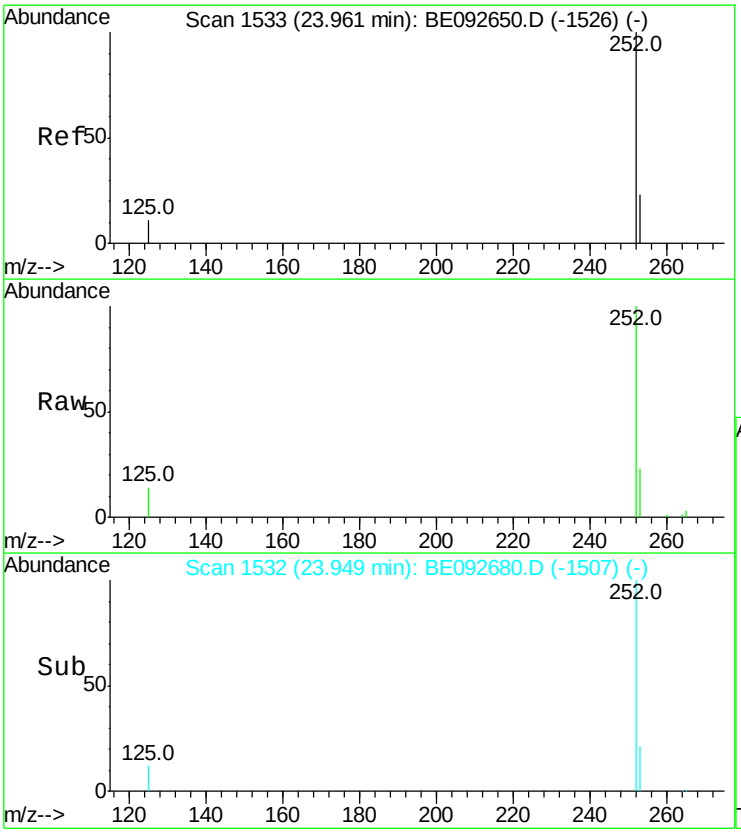
#33
Benzo(k)fluoranthene
Concen: 0.72 ng
RT: 23.38 min Scan# 1483
Delta R.T. -0.01 min
Lab File: BE092680.D
Acq: 25 Jan 2017 00:11

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:252 Resp: 13691

Ion	Ratio	Lower	Upper
252	100		
253	22.6	20.3	30.5
125	12.2	9.6	14.4

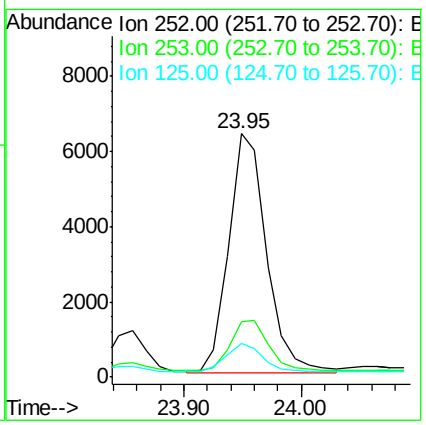


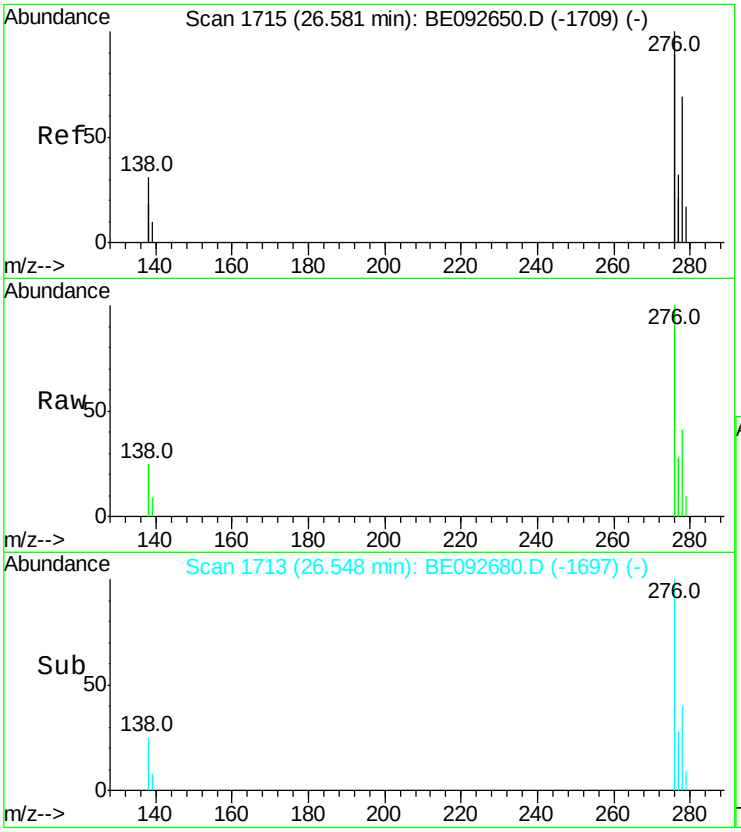


#34
Benzo(a)pyrene
Concen: 0.81 ng
RT: 23.95 min Scan# 1532
Delta R.T. -0.01 min
Lab File: BE092680.D
Acq: 25 Jan 2017 00:11

Tgt Ion:252 Resp: 14323

Ion	Ratio	Lower	Upper
252	100		
253	22.9	19.0	28.6
125	14.0	11.8	17.8



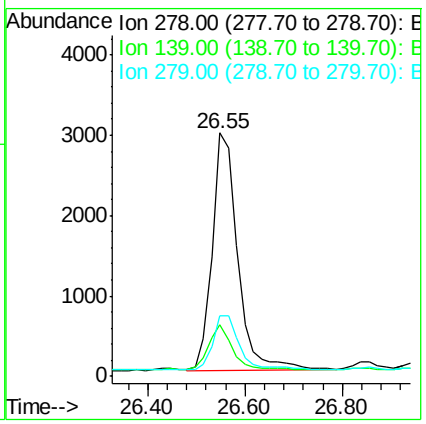


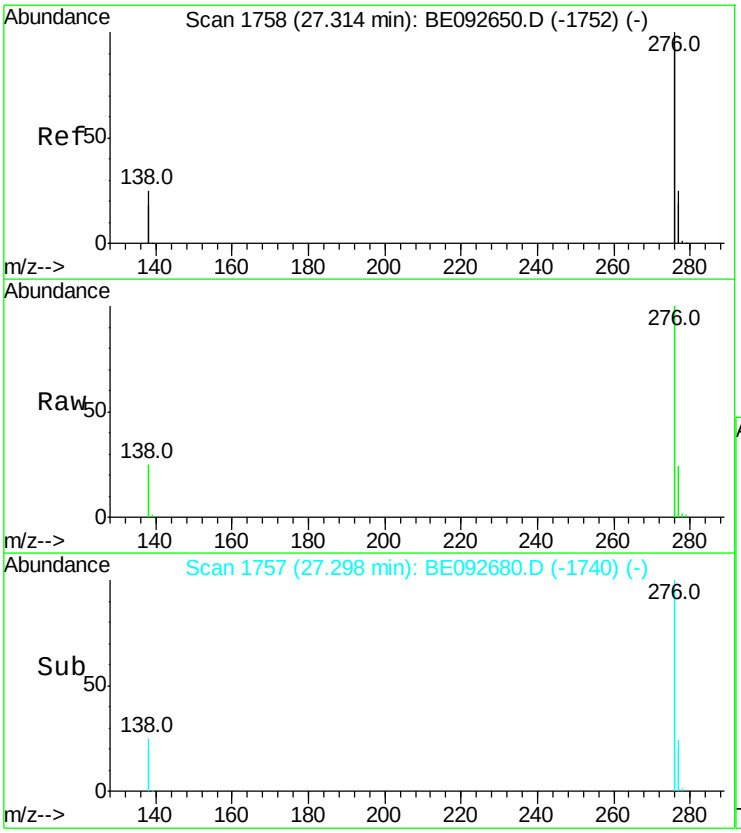
#35
Dibenzo(a,h)anthracene
Concen: 0.62 ng
RT: 26.55 min Scan# 1713
Delta R.T. -0.03 min
Lab File: BE092680.D
Acq: 25 Jan 2017 00:11

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:278 Resp: 10769

Ion	Ratio	Lower	Upper
278	100		
139	21.2	13.8	20.8#
279	24.7	21.4	32.2





#36
Benzo(g,h,i)perylene
Concen: 0.73 ng
RT: 27.30 min Scan# 1757
Delta R.T. -0.02 min
Lab File: BE092680.D
Acq: 25 Jan 2017 00:11

Tgt Ion:276 Resp: 53605

Ion	Ratio	Lower	Upper
276	100		
277	24.3	19.8	29.8
138	24.7	19.8	29.6