Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA E\DATA\BE011117\
Data File : BE092639.D
Acq On : 11 Jan 2017 13:40
Operator : UM/SJ
Sample : PB95910BS
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument : BNA_E
ClientSampleId :

Quant Time: Jan 11 16:27:36 2017
Quant Method : Z:\HPCHEM1\BNA E\METHODS\8270-SIM-BE121916.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Dec 19 16:16:32 2016
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.14	152	9493	5.00	ng		0.00
7) Naphthalene-d8	10.91	136	42050	5.00	ng		-0.02
12) Acenaphthene-d10	14.80	164	25350	5.00	ng		0.00
18) Phenanthrene-d10	17.53	188	46896	5.00	ng		-0.02
24) Chrysene-d12	21.72	240	56126	5.00	ng		0.00
31) Perylene-d12	24.07	264	55159	5.00	ng		0.00
System Monitoring Compounds							
4) 2-Fluorophenol	5.65	112	18615	10.09	ng		-0.03
5) Phenol-d6	7.31	99	26048	9.32	ng		-0.07
8) Nitrobenzene-d5	9.32	82	11965	4.14	ng		-0.05
13) 2,4,6-Tribromophenol	16.28	330	5942	8.11	ng		-0.02
14) 2-Fluorobiphenyl	13.41	172	28284	4.67	ng		-0.02
26) Terphenyl-d14	20.16	244	31304	4.55	ng		-0.02
Target Compounds							Qvalue
2) 1,4-Dioxane	3.39	88	4418	4.05	ng	#	60
3) n-Nitrosodimethylamine	3.74	42	7180	4.53	ng		94
6) bis(2-Chloroethyl)ether	7.57	93	11994	4.41	ng		90
9) Naphthalene	10.97	128	38189	4.42	ng		94
10) Hexachlorobutadiene	11.26	225	5645	4.31	ng		100
11) 2-Methylnaphthalene	12.60	142	25190	4.59	ng	#	86
15) Acenaphthylene	14.51	152	163534	4.68	ng		100
16) Acenaphthene	14.85	154	24676	4.28	ng		91
17) Fluorene	15.83	166	32215	4.55	ng		99
19) Hexachlorobenzene	16.87	284	10411	5.20	ng	#	39
20) Pentachlorophenol	17.21	266	6361	7.14	ng		86
21) Phenanthrene	17.58	178	57324	4.85	ng	#	95
22) Anthracene	17.67	178	55388	5.13	ng		100
23) Fluoranthene	19.58	202	224464	4.39	ng		99
25) Pyrene	19.93	202	230096	4.66	ng		99
27) Benzo(a)anthracene	21.70	228	231254	4.59	ng	#	81
28) Chrysene	21.70	228	231254	3.96	ng	#	63
29) Bis(2-ethylhexyl)phthalate	21.61	149	29627	3.96	ng	#	75
30) Indeno(1,2,3-cd)pyrene	26.53	276	304707	5.77	ng		97
32) Benzo(b)fluoranthene	23.34	252	59513	4.69	ng		95
33) Benzo(k)fluoranthene	23.38	252	67004	4.74	ng		93
34) Benzo(a)pyrene	23.96	252	61570	5.03	ng	#	95
35) Dibenzo(a,h)anthracene	26.56	278	63151	5.43	ng		95
36) Benzo(g,h,i)perylene	27.30	276	263854	5.30	ng		98

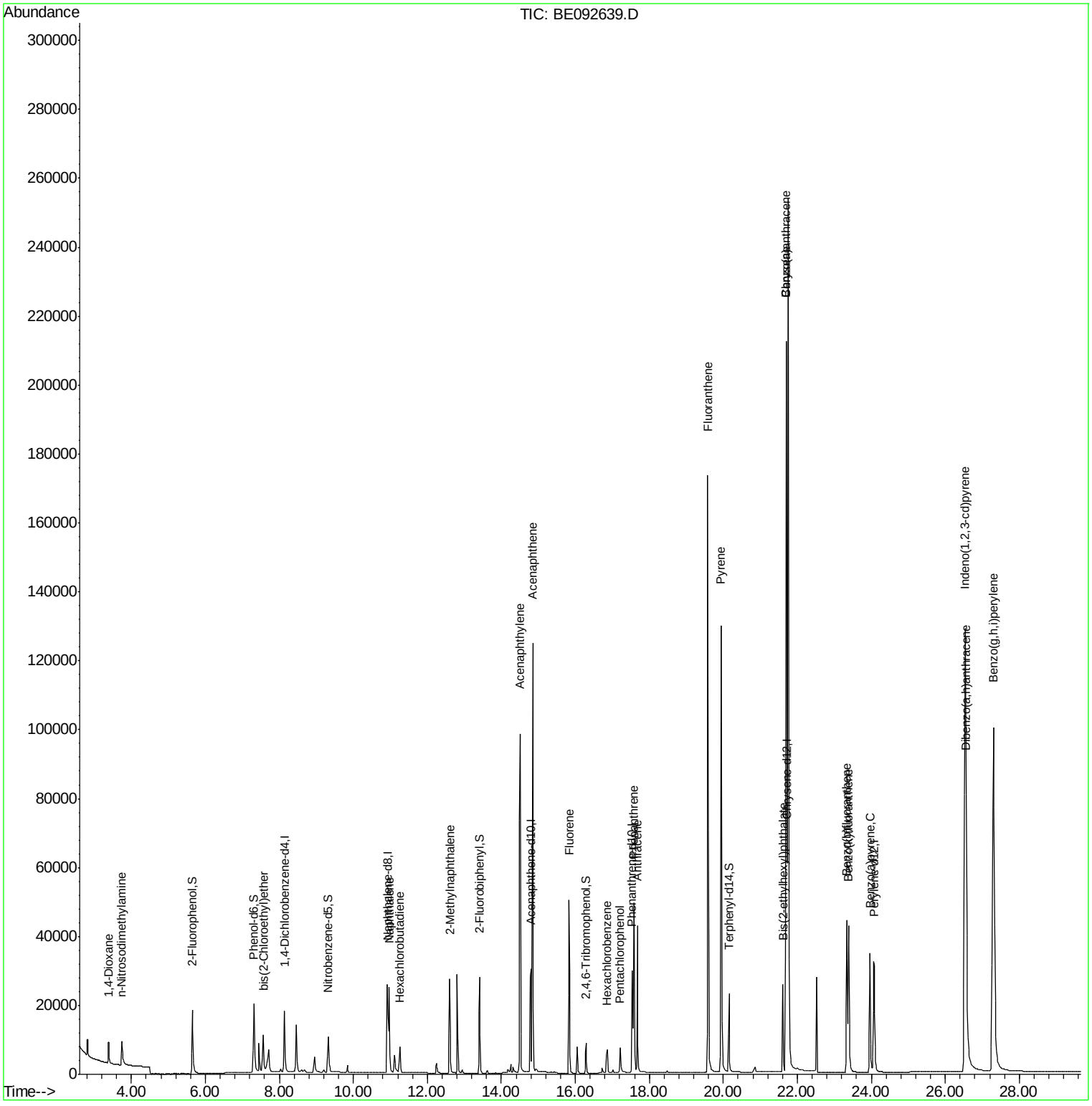
(#) = qualifier out of range (m) = manual integration (+) = signals summed

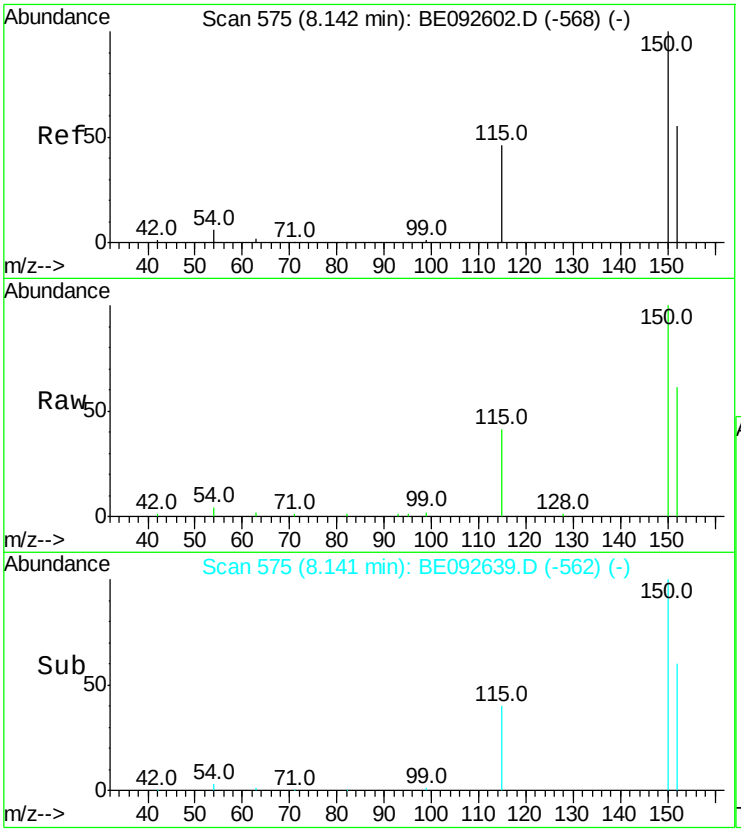
Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA E\DATA\BE011117\
Data File : BE092639.D
Acq On : 11 Jan 2017 13:40
Operator : UM/SJ
Sample : PB95910BS
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :
BNA_E
ClientSampleId :

Quant Time: Jan 11 16:27:36 2017
Quant Method : Z:\HPCHEM1\BNA E\METHODS\8270-SIM-BE121916.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Dec 19 16:16:32 2016
Response via : Initial Calibration



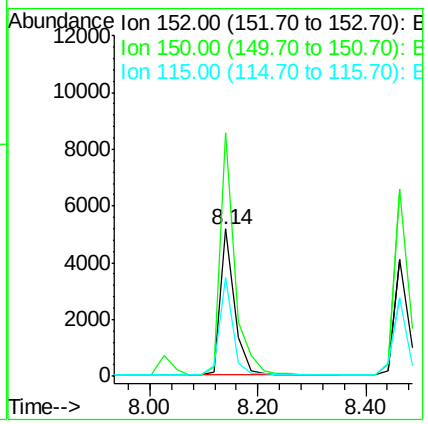


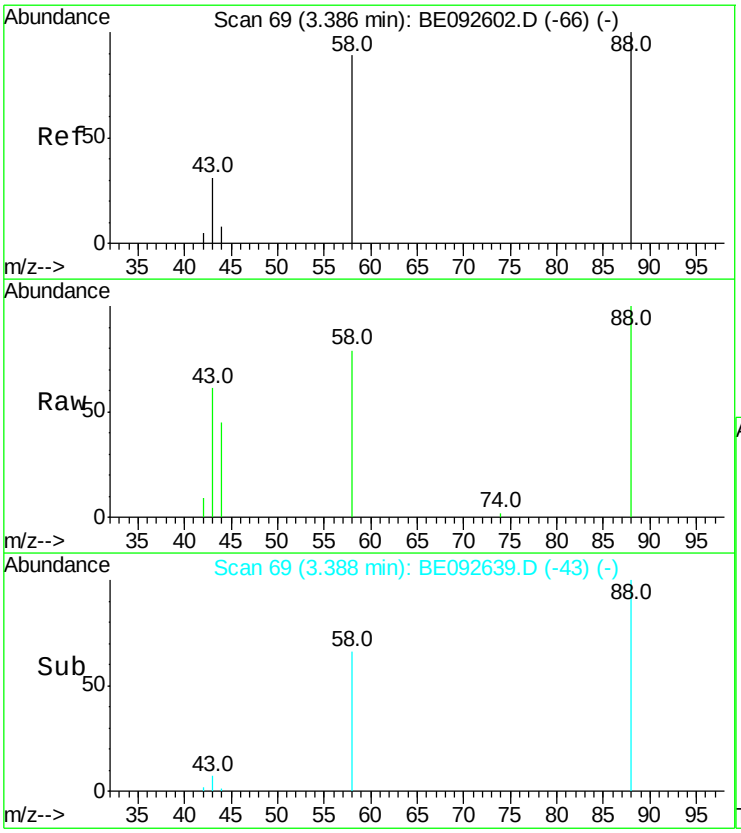
#1
1,4-Dichlorobenzene-d4
Concen: 5.00 ng
RT: 8.14 min Scan# 575
Delta R.T. -0.00 min
Lab File: BE092639.D
Acq: 11 Jan 2017 13:40

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:152 Resp: 9493

Ion	Ratio	Lower	Upper
152	100		
150	165.1	106.0	159.0#
115	67.0	31.2	46.8#

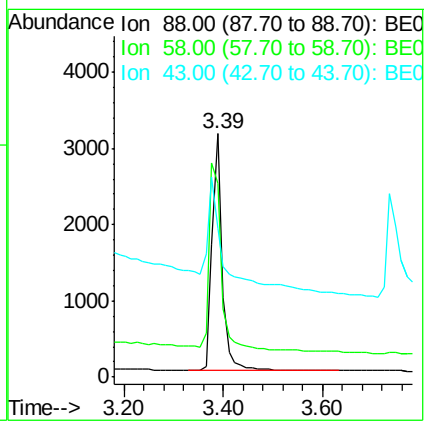


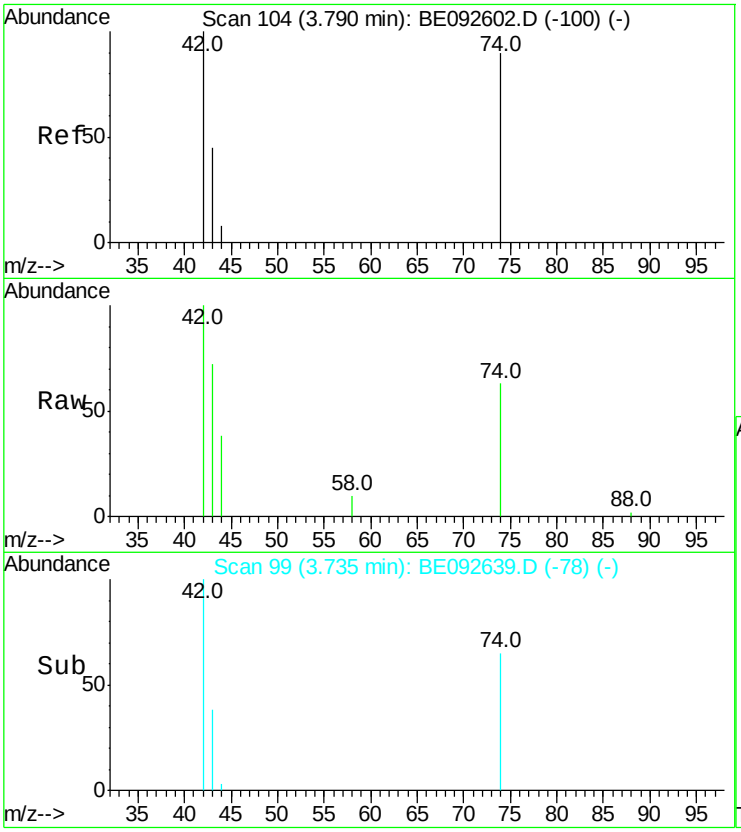


#2
1,4-Dioxane
Concen: 4.05 ng
RT: 3.39 min Scan# 69
Delta R.T. 0.00 min
Lab File: BE092639.D
Acq: 11 Jan 2017 13:40

Tgt Ion: 88 Resp: 4418

Ion	Ratio	Lower	Upper
88	100		
58	96.8	63.6	95.4#
43	84.6	28.0	42.0#



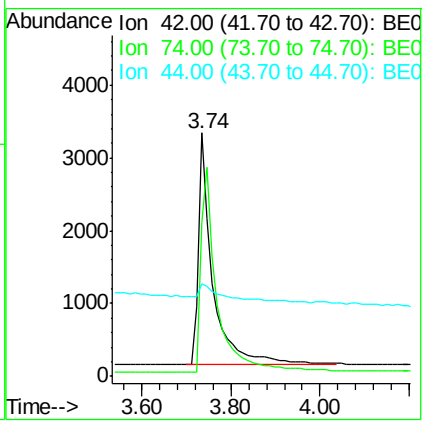


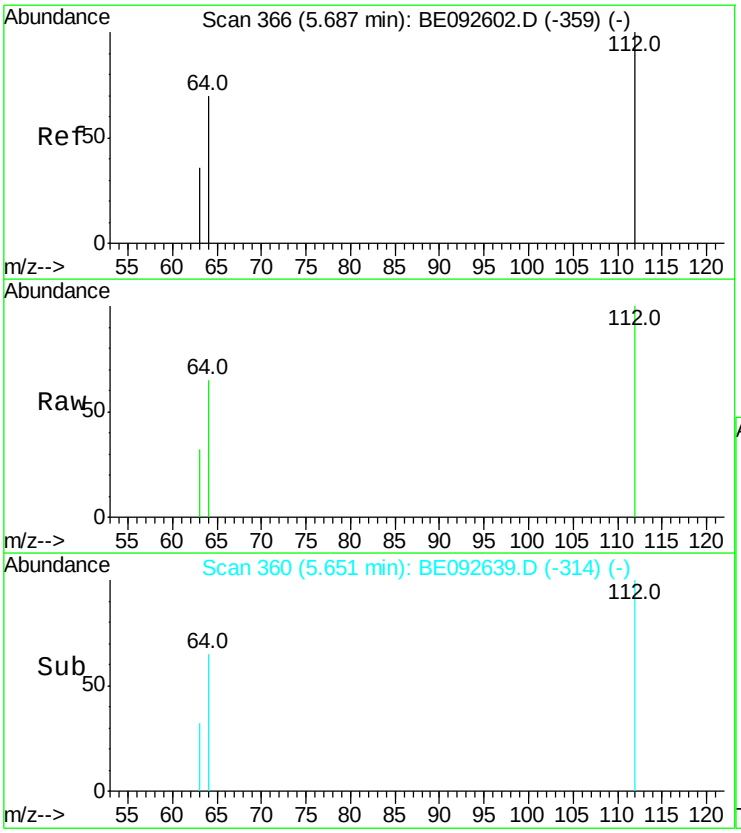
#3
n-Nitrosodimethylamine
Concen: 4.53 ng
RT: 3.74 min Scan# 99
Delta R.T. -0.05 min
Lab File: BE092639.D
Acq: 11 Jan 2017 13:40

Instrument :
BNA_E
ClientSampleId :

Tgt Ion: 42 Resp: 7180

Ion	Ratio	Lower	Upper
42	100		
74	101.3	86.0	129.0
44	6.9	5.1	7.7

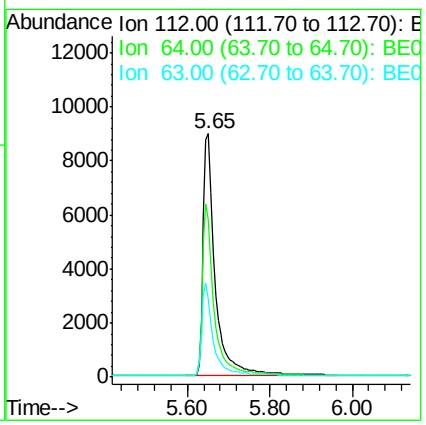


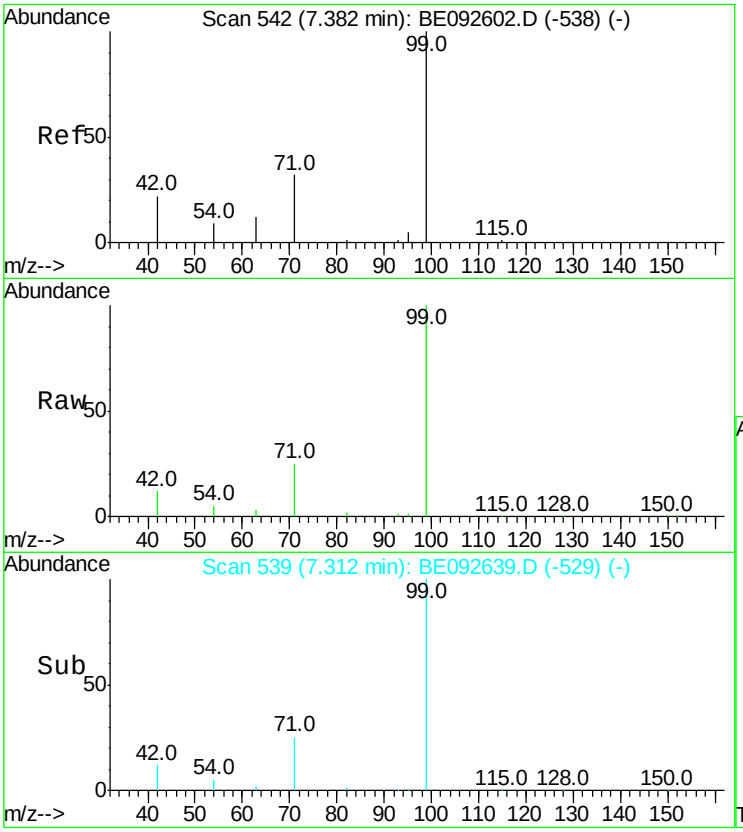


#4
2-Fluorophenol
Concen: 10.09 ng
RT: 5.65 min Scan# 360
Delta R.T. -0.03 min
Lab File: BE092639.D
Acq: 11 Jan 2017 13:40

Tgt Ion:112 Resp: 18615

Ion	Ratio	Lower	Upper
112	100		
64	69.0	53.5	80.3
63	37.1	27.9	41.9



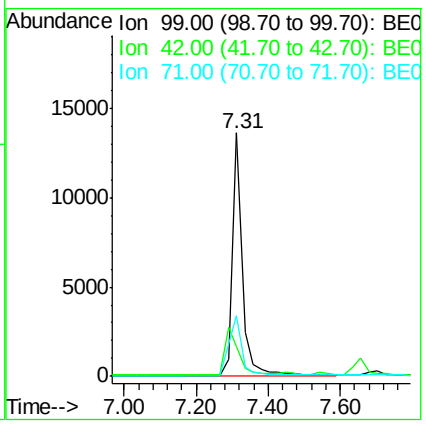


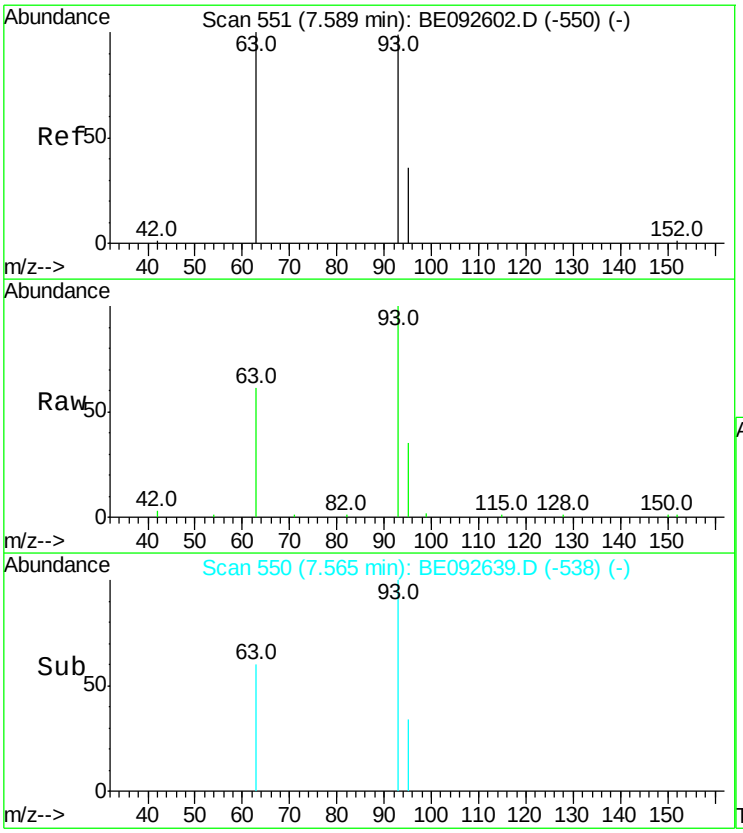
#5
Phenol-d6
Concen: 9.32 ng
RT: 7.31 min Scan# 539
Delta R.T. -0.07 min
Lab File: BE092639.D
Acq: 11 Jan 2017 13:40

Instrument :
BNA_E
ClientSampleId :

Tgt Ion: 99 Resp: 26048

Ion	Ratio	Lower	Upper
99	100		
42	0.0	16.0	24.0#
71	32.8	30.6	45.8

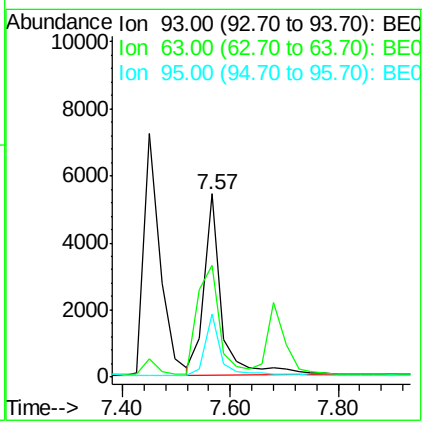


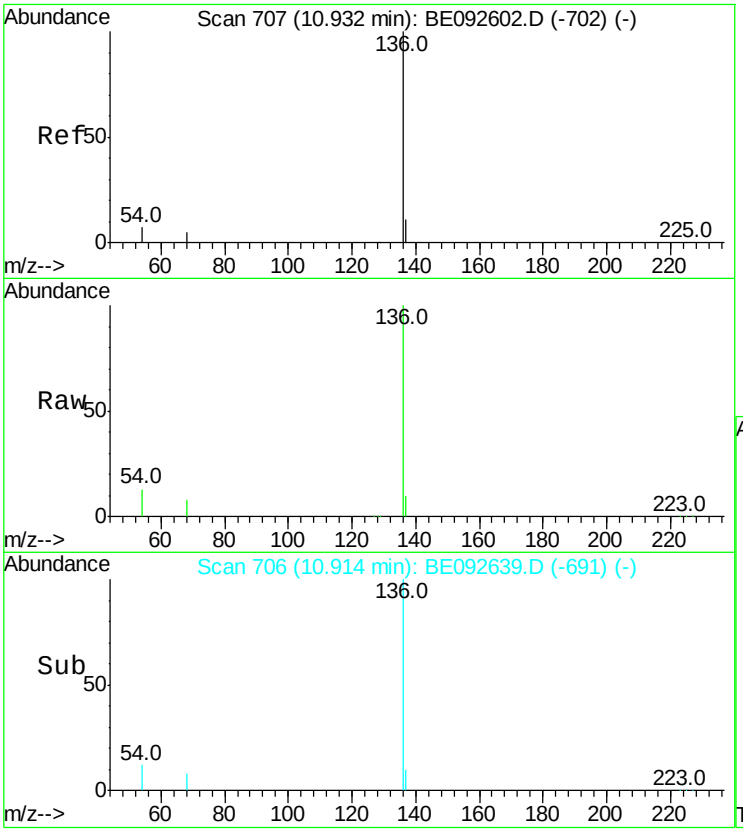


#6
bis(2-Chloroethyl)ether
Concen: 4.41 ng
RT: 7.57 min Scan# 550
Delta R.T. -0.02 min
Lab File: BE092639.D
Acq: 11 Jan 2017 13:40

Tgt Ion: 93 Resp: 11994

Ion	Ratio	Lower	Upper
93	100		
63	78.0	71.6	107.4
95	31.7	24.0	36.0

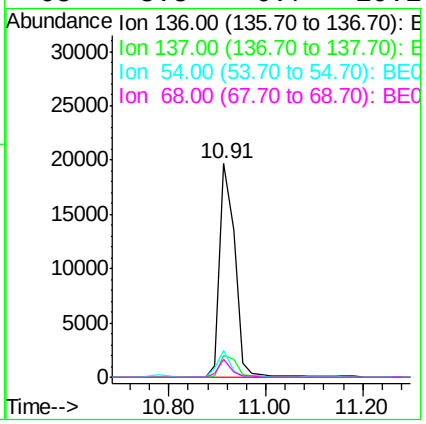




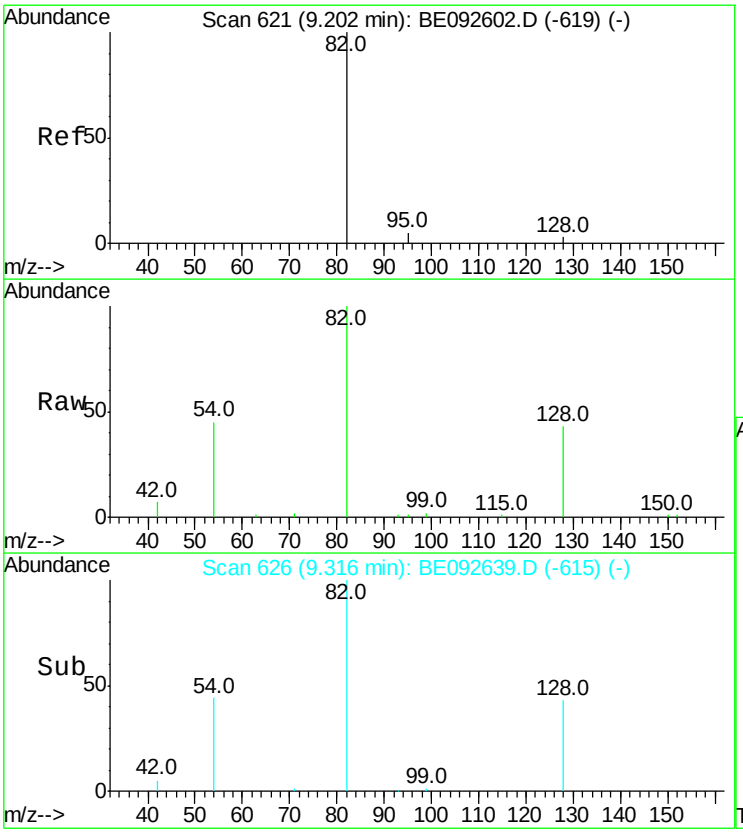
#7
Naphthalene-d8
Concen: 5.00 ng
RT: 10.91 min Scan# 706
Delta R.T. -0.02 min
Lab File: BE092639.D
Acq: 11 Jan 2017 13:40

Tgt Ion:136 Resp: 42050

Ion	Ratio	Lower	Upper
136	100		
137	10.2	8.2	12.4
54	12.7	9.6	14.4
68	8.3	6.7	10.1



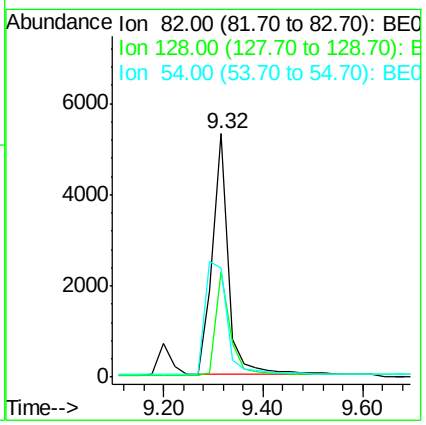
Instrument :
BNA_E
ClientSampleId :

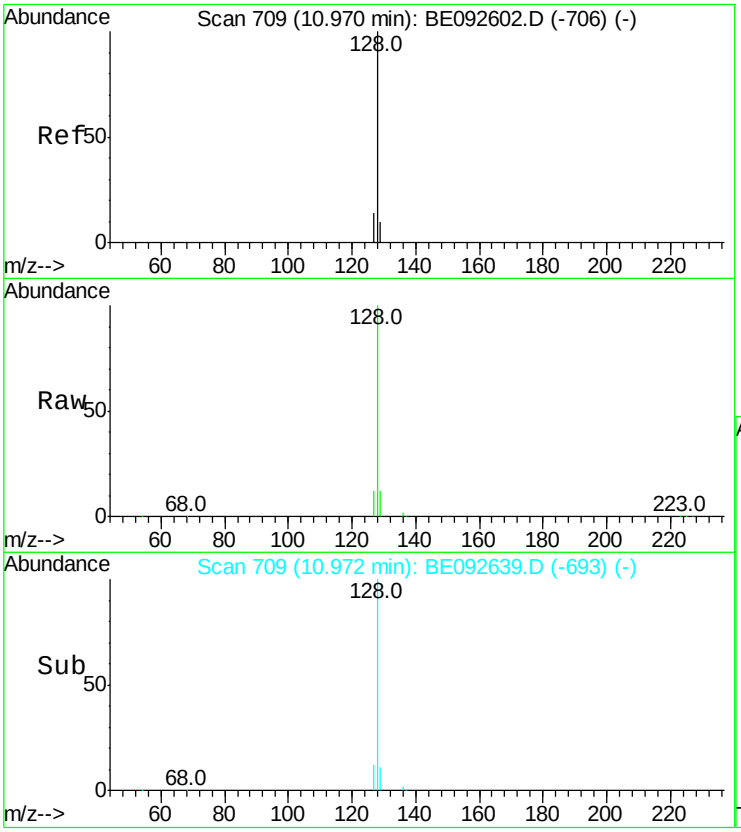


#8
Nitrobenzene-d5
Concen: 4.14 ng
RT: 9.32 min Scan# 626
Delta R.T. -0.05 min
Lab File: BE092639.D
Acq: 11 Jan 2017 13:40

Tgt Ion: 82 Resp: 11965

Ion	Ratio	Lower	Upper
82	100		
128	43.5	39.0	58.4
54	44.6	44.8	67.2#



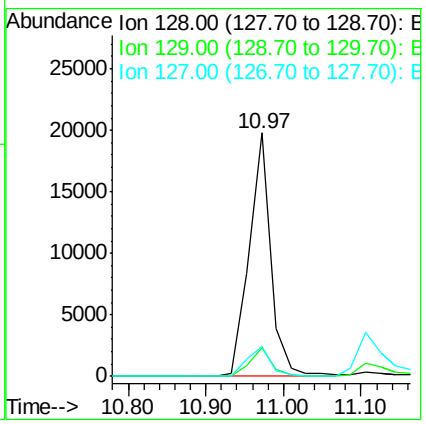


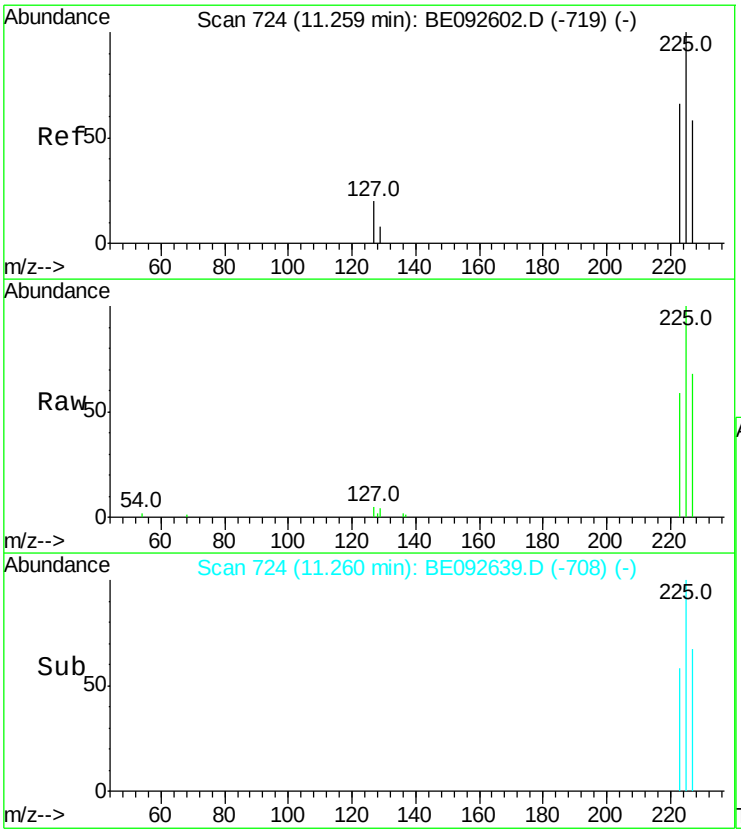
#9
Naphthalene
Concen: 4.42 ng
RT: 10.97 min Scan# 709
Delta R.T. 0.00 min
Lab File: BE092639.D
Acq: 11 Jan 2017 13:40

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:128 Resp: 38189

Ion	Ratio	Lower	Upper
128	100		
129	11.7	11.2	16.8
127	12.3	11.6	17.4

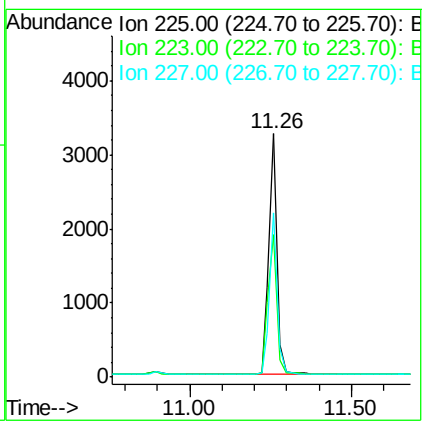


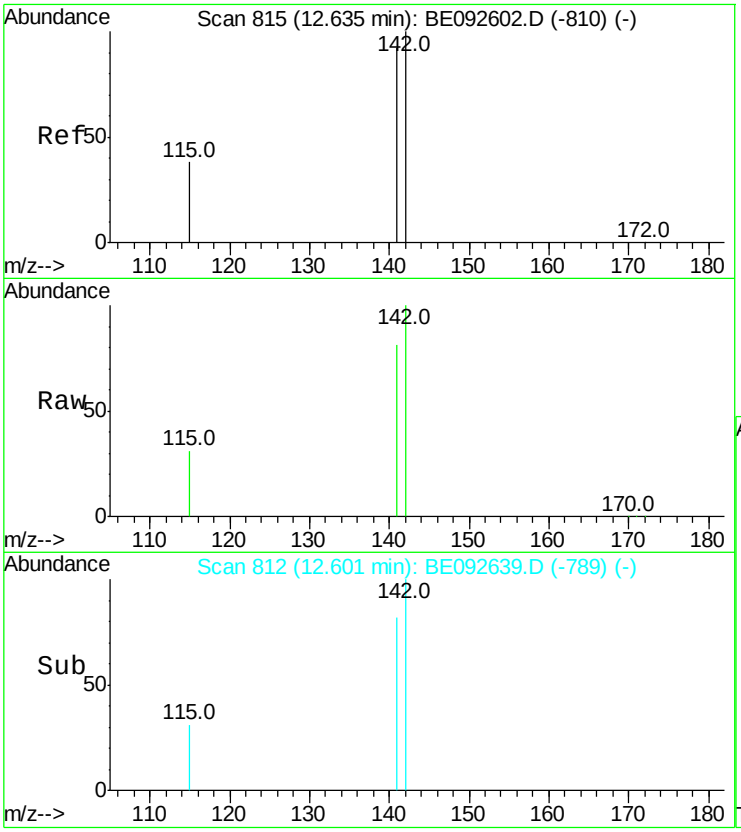


#10
Hexachlorobutadiene
Concen: 4.31 ng
RT: 11.26 min Scan# 724
Delta R.T. 0.00 min
Lab File: BE092639.D
Acq: 11 Jan 2017 13:40

Tgt Ion:225 Resp: 5645

Ion	Ratio	Lower	Upper
225	100		
223	63.0	50.6	76.0
227	63.8	51.4	77.0



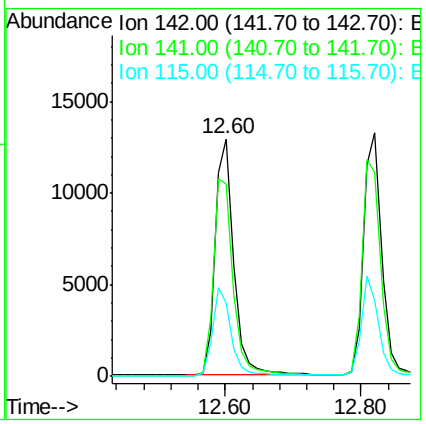


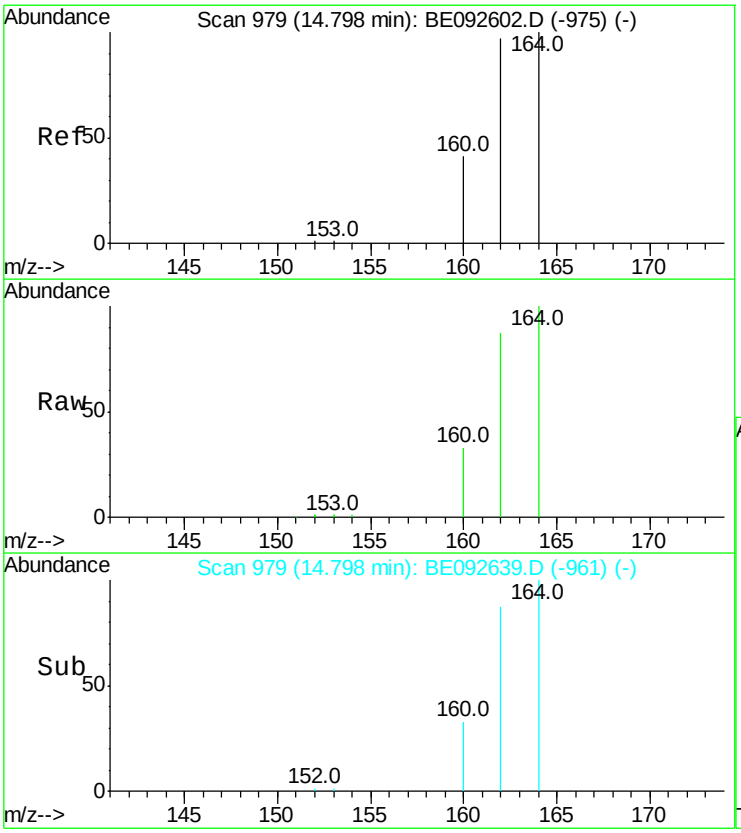
#11
2-Methylnaphthalene
Concen: 4.59 ng
RT: 12.60 min Scan# 812
Delta R.T. -0.03 min
Lab File: BE092639.D
Acq: 11 Jan 2017 13:40

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:142 Resp: 25190

Ion	Ratio	Lower	Upper
142	100		
141	81.1	73.7	110.5
115	30.9	34.0	51.0#

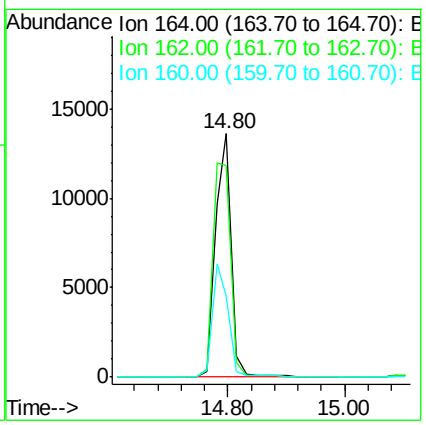


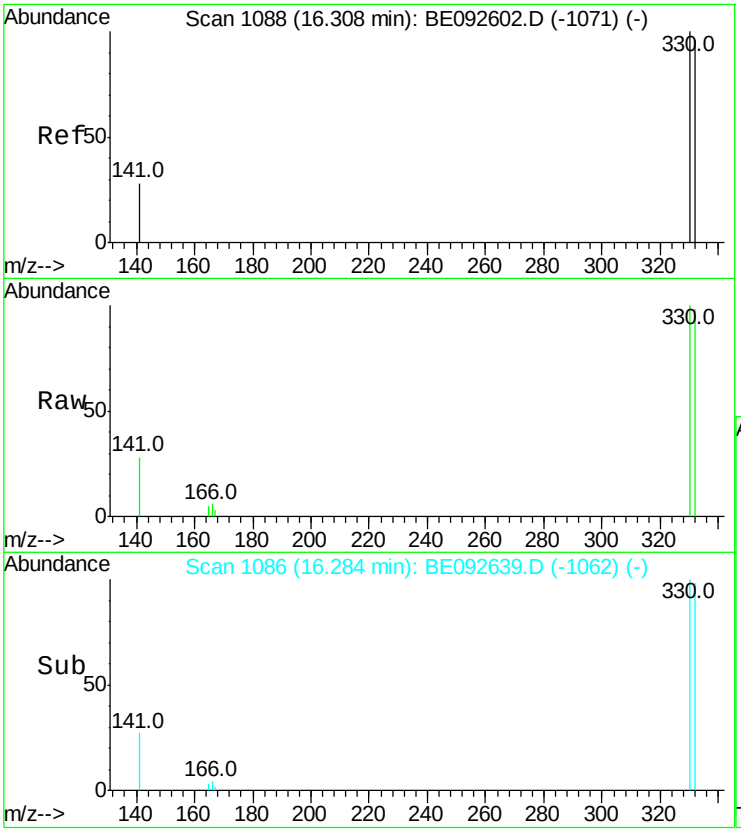


#12
Acenaphthene-d10
Concen: 5.00 ng
RT: 14.80 min Scan# 979
Delta R.T. -0.00 min
Lab File: BE092639.D
Acq: 11 Jan 2017 13:40

Tgt Ion:164 Resp: 25350

Ion	Ratio	Lower	Upper
164	100		
162	87.0	71.4	107.0
160	33.3	27.4	41.2



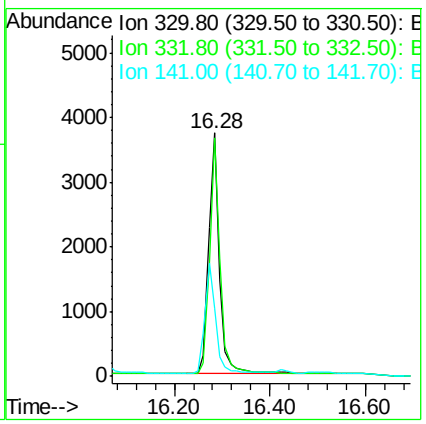


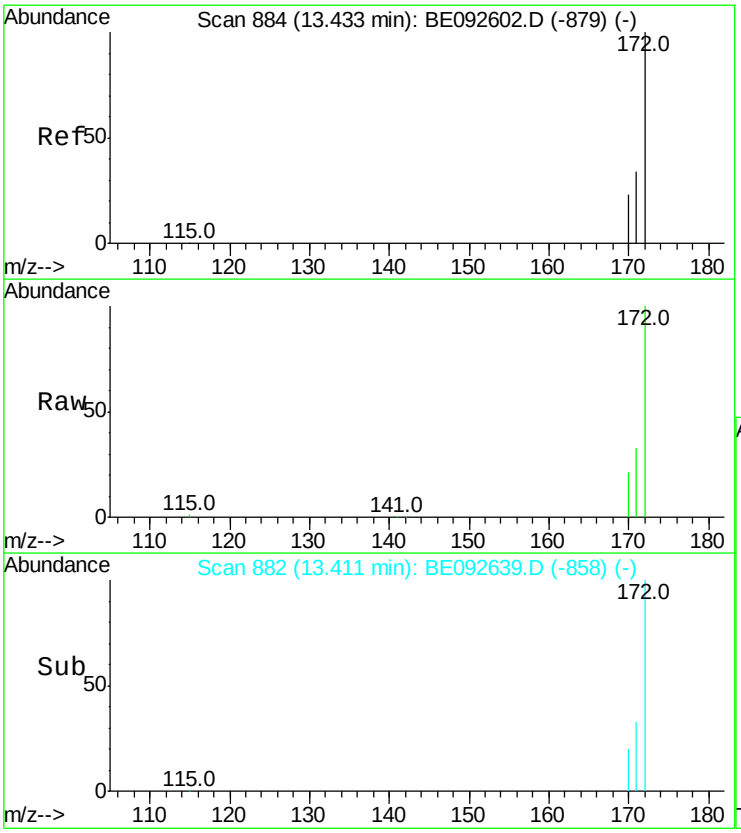
#13
2,4,6-Tribromophenol
Concen: 8.11 ng
RT: 16.28 min Scan# 1086
Delta R.T. -0.02 min
Lab File: BE092639.D
Acq: 11 Jan 2017 13:40

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:330 Resp: 5942

Ion	Ratio	Lower	Upper
330	100		
332	96.3	75.4	113.0
141	44.6	31.0	46.6

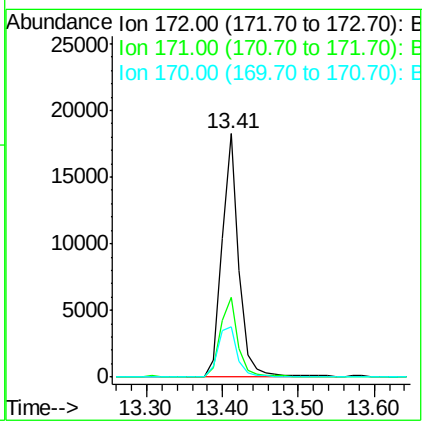


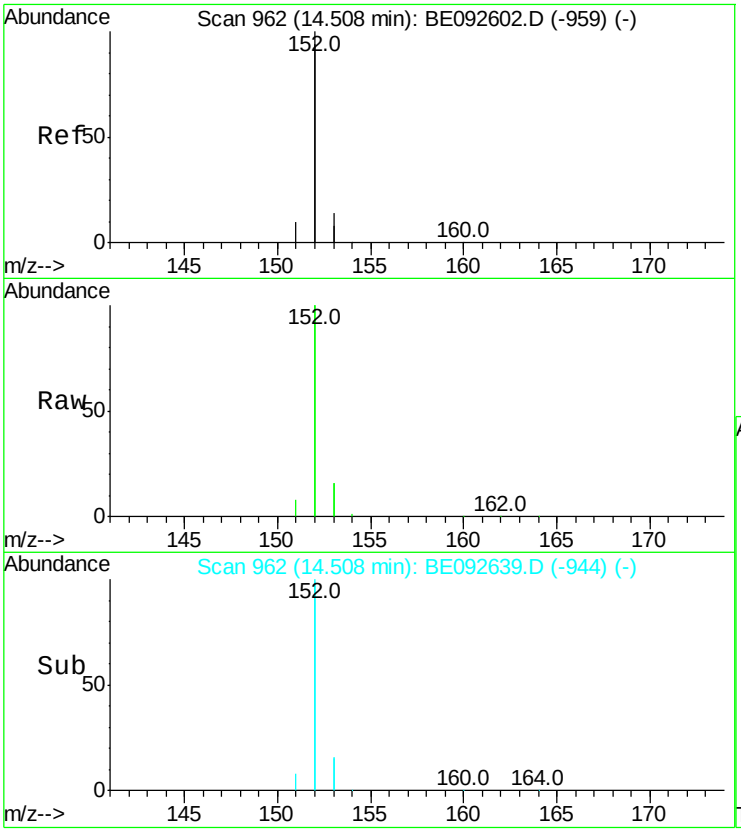


#14
2-Fluorobiphenyl
Concen: 4.67 ng
RT: 13.41 min Scan# 882
Delta R.T. -0.02 min
Lab File: BE092639.D
Acq: 11 Jan 2017 13:40

Tgt Ion:172 Resp: 28284

Ion	Ratio	Lower	Upper
172	100		
171	32.7	30.1	45.1
170	20.6	21.8	32.6#



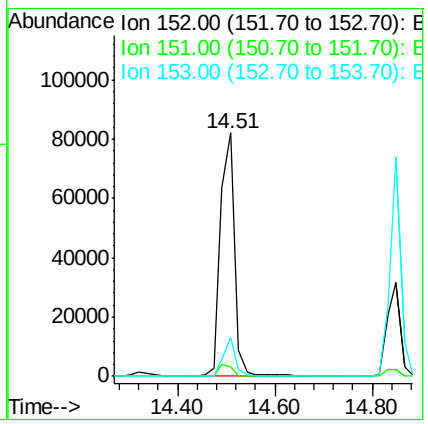


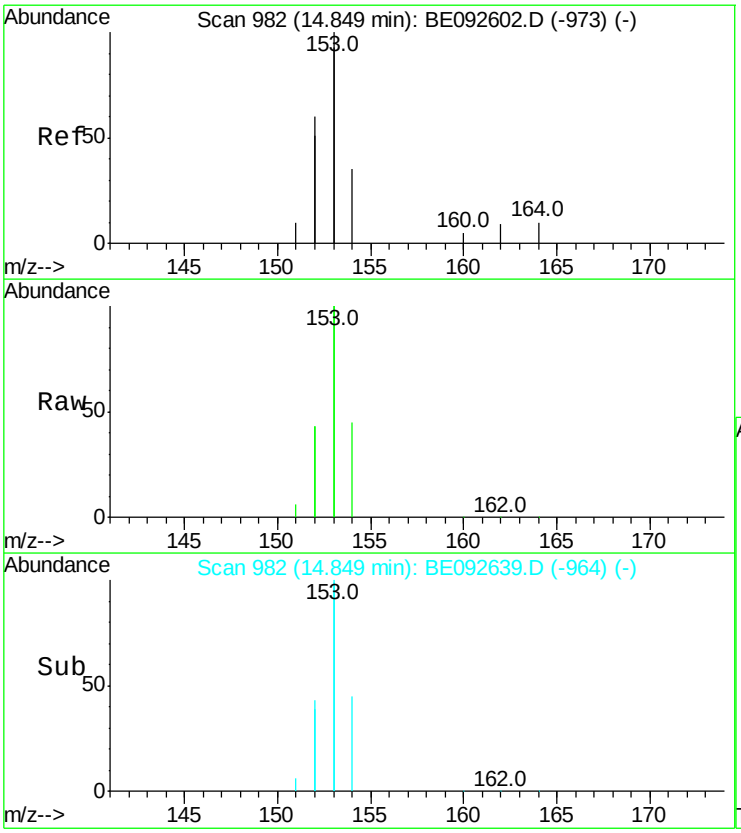
#15
Acenaphthylene
Concen: 4.68 ng
RT: 14.51 min Scan# 962
Delta R.T. -0.00 min
Lab File: BE092639.D
Acq: 11 Jan 2017 13:40

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:152 Resp: 163534

Ion	Ratio	Lower	Upper
152	100		
151	4.9	3.9	5.9
153	13.2	10.4	15.6

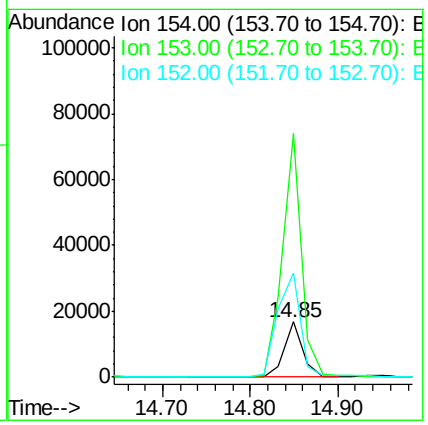


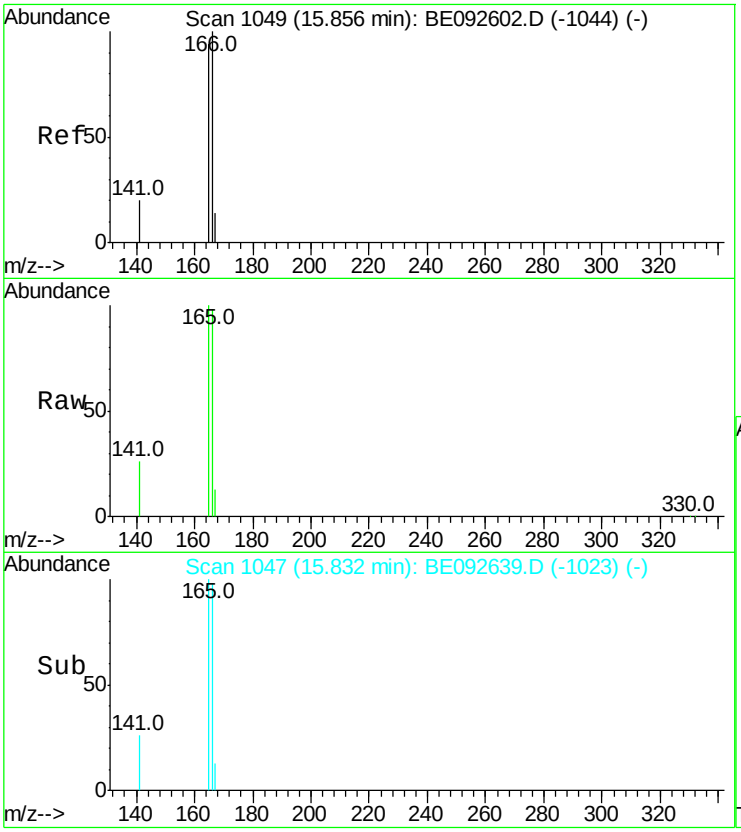


#16
Acenaphthene
Concen: 4.28 ng
RT: 14.85 min Scan# 982
Delta R.T. -0.00 min
Lab File: BE092639.D
Acq: 11 Jan 2017 13:40

Tgt Ion:154 Resp: 24676

Ion	Ratio	Lower	Upper
154	100		
153	457.7	350.8	526.2
152	233.3	171.1	256.7



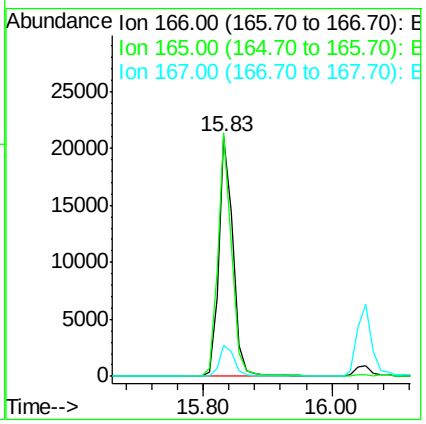


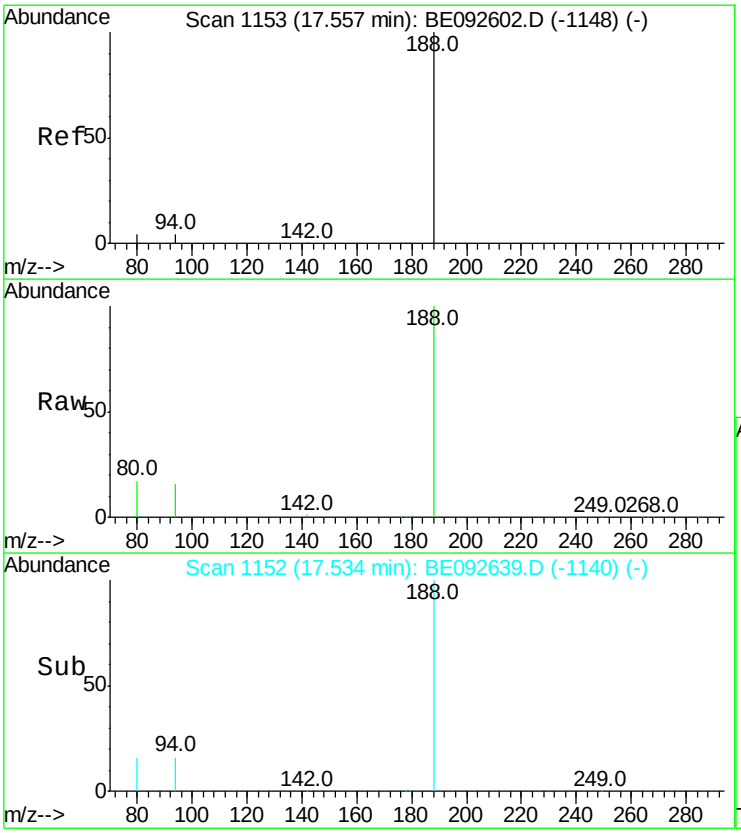
#17
Fluorene
Concen: 4.55 ng
RT: 15.83 min Scan# 1047
Delta R.T. -0.02 min
Lab File: BE092639.D
Acq: 11 Jan 2017 13:40

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:166 Resp: 32215

Ion	Ratio	Lower	Upper
166	100		
165	99.0	78.2	117.4
167	13.5	11.0	16.4

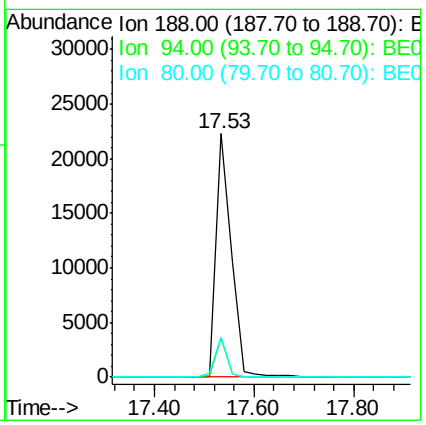


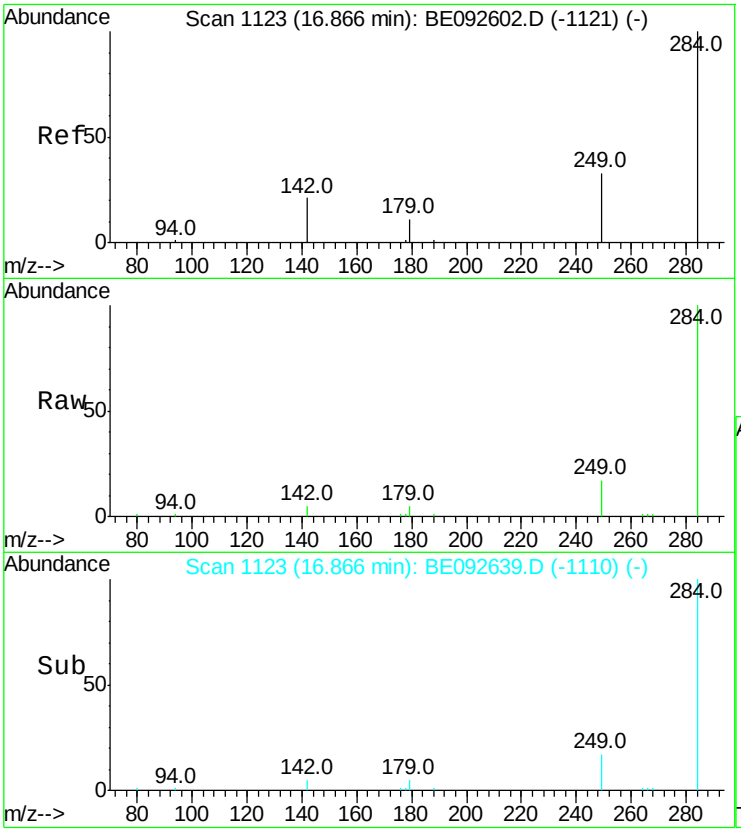


#18
Phenanthrene-d10
Concen: 5.00 ng
RT: 17.53 min Scan# 1152
Delta R.T. -0.02 min
Lab File: BE092639.D
Acq: 11 Jan 2017 13:40

Tgt Ion:188 Resp: 46896

Ion	Ratio	Lower	Upper
188	100		
94	15.8	3.2	4.8#
80	16.6	2.6	3.8#



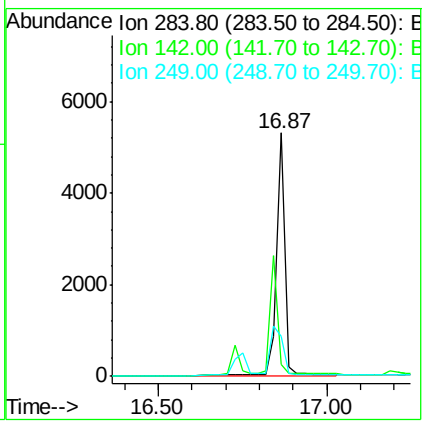


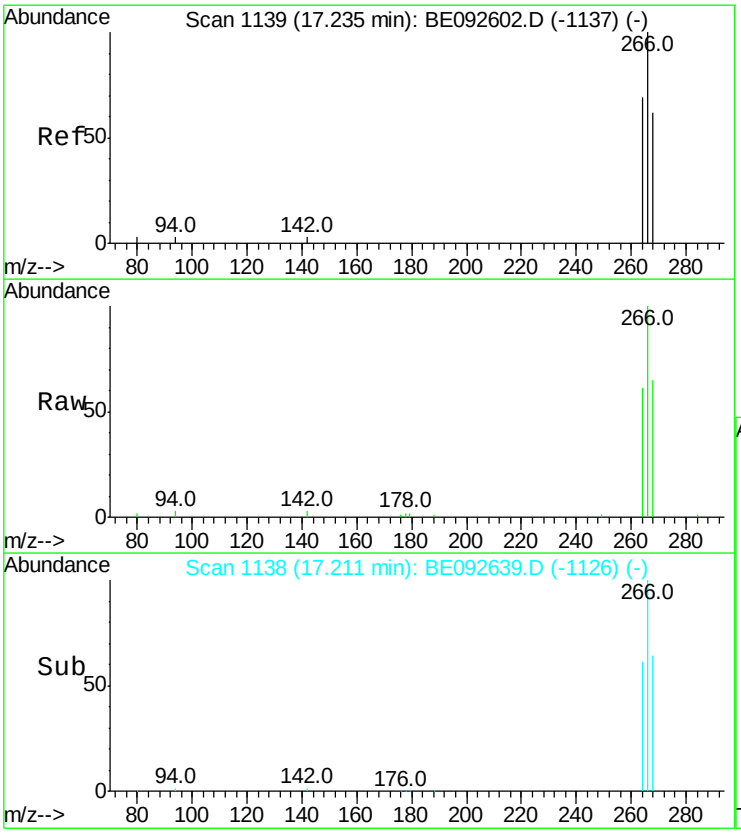
#19
Hexachlorobenzene
Concen: 5.20 ng
RT: 16.87 min Scan# 1123
Delta R.T. -0.00 min
Lab File: BE092639.D
Acq: 11 Jan 2017 13:40

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:284 Resp: 10411

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

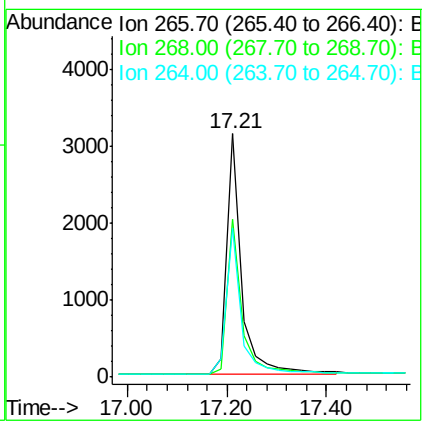


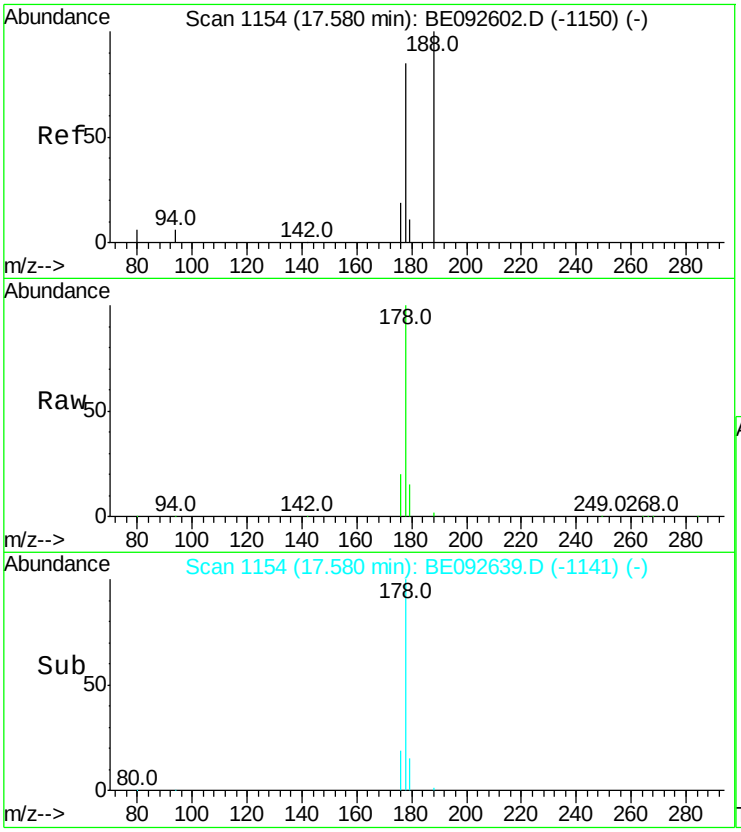


#20
Pentachlorophenol
Concen: 7.14 ng
RT: 17.21 min Scan# 1138
Delta R.T. -0.02 min
Lab File: BE092639.D
Acq: 11 Jan 2017 13:40

Tgt Ion:266 Resp: 6361

Ion	Ratio	Lower	Upper
266	100		
268	64.6	62.5	93.7
264	61.2	57.2	85.8



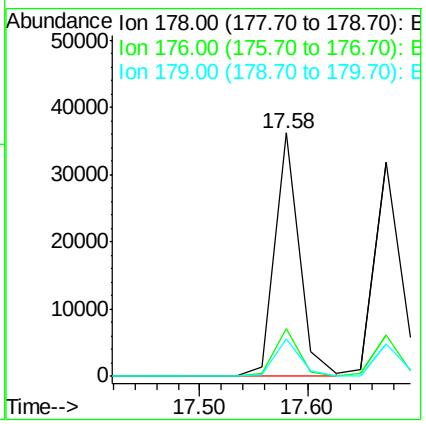


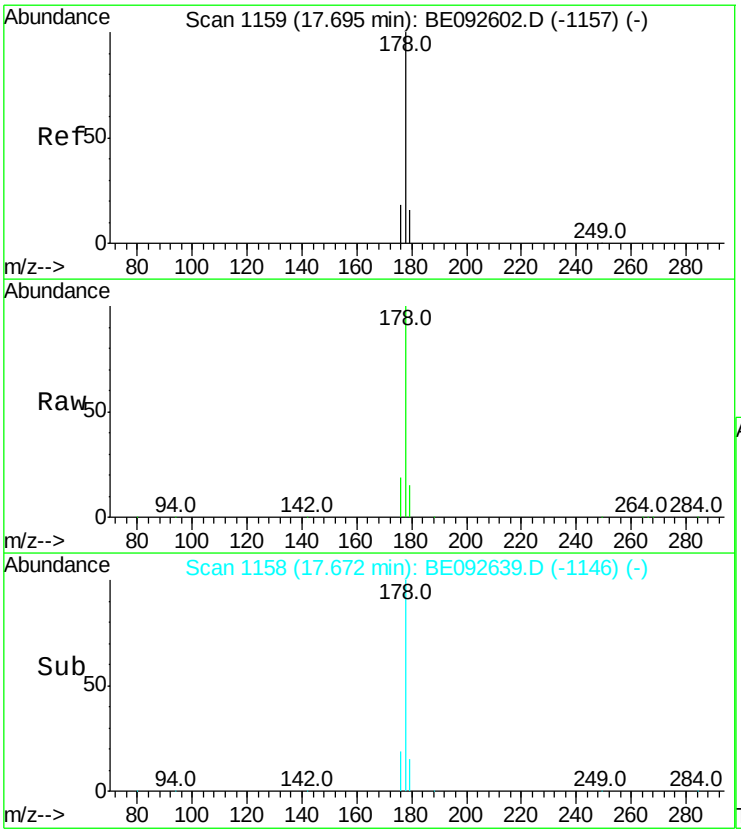
#21
Phenanthrene
Concen: 4.85 ng
RT: 17.58 min Scan# 1154
Delta R.T. -0.00 min
Lab File: BE092639.D
Acq: 11 Jan 2017 13:40

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:178 Resp: 57324

Ion	Ratio	Lower	Upper
178	100		
176	19.4	15.8	23.8
179	15.4	16.0	24.0#

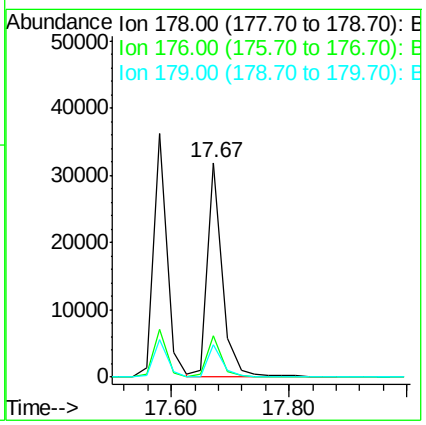


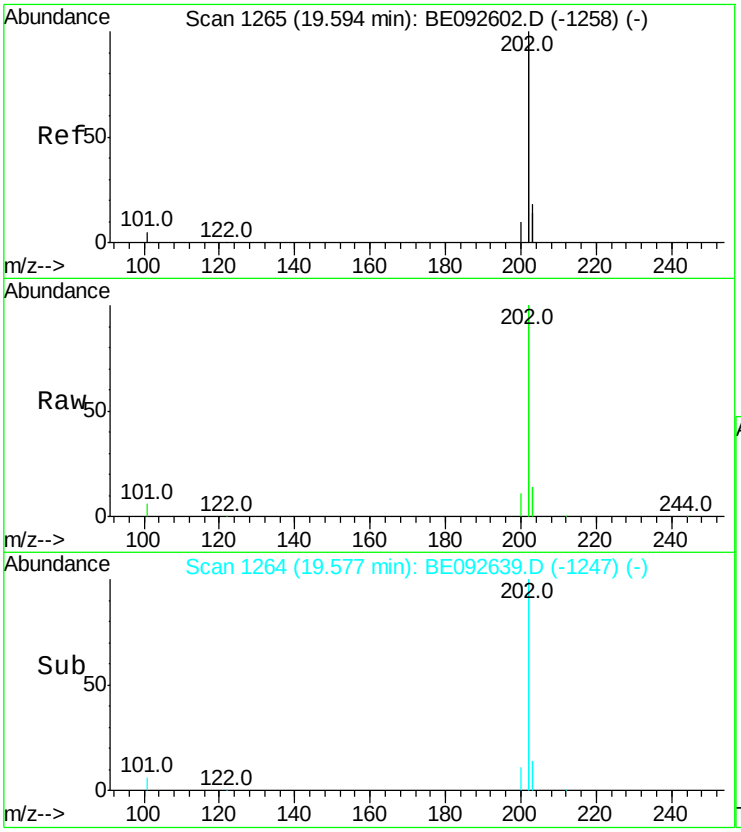


#22
Anthracene
Concen: 5.13 ng
RT: 17.67 min Scan# 1158
Delta R.T. -0.02 min
Lab File: BE092639.D
Acq: 11 Jan 2017 13:40

Tgt Ion:178 Resp: 55388

Ion	Ratio	Lower	Upper
178	100		
176	18.7	15.0	22.4
179	15.4	12.2	18.2



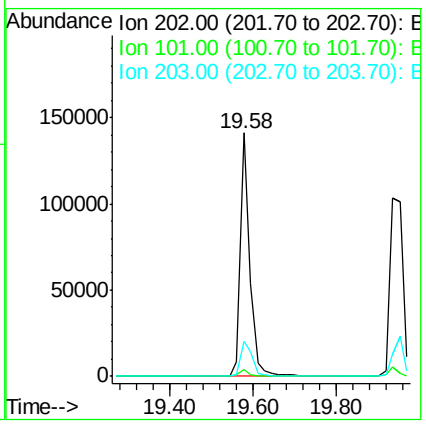


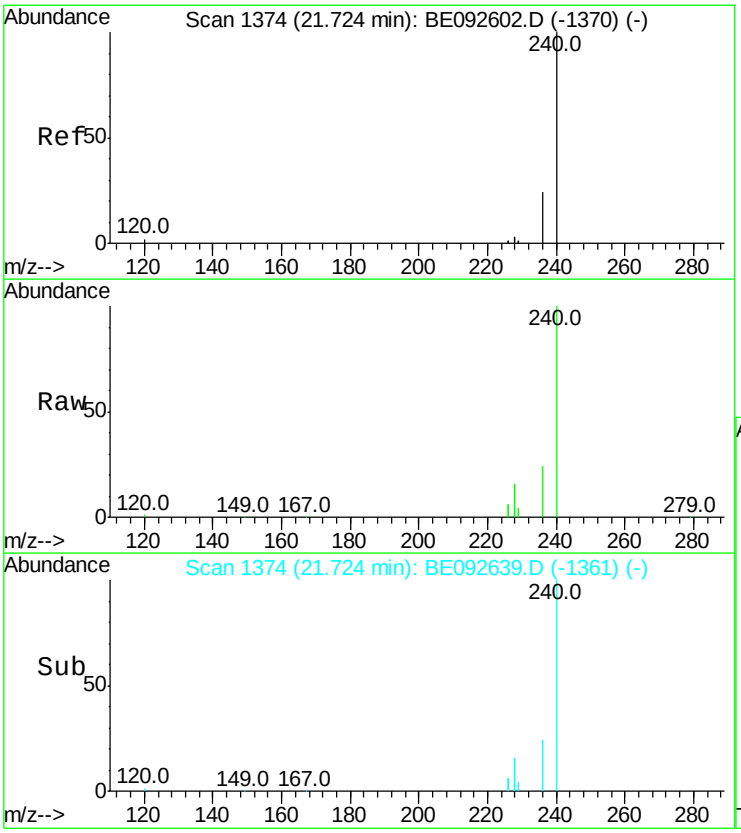
#23
Fluoranthene
Concen: 4.39 ng
RT: 19.58 min Scan# 1264
Delta R.T. -0.02 min
Lab File: BE092639.D
Acq: 11 Jan 2017 13:40

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:202 Resp: 224464

Ion	Ratio	Lower	Upper
202	100		
101	2.8	2.2	3.4
203	17.4	13.7	20.5

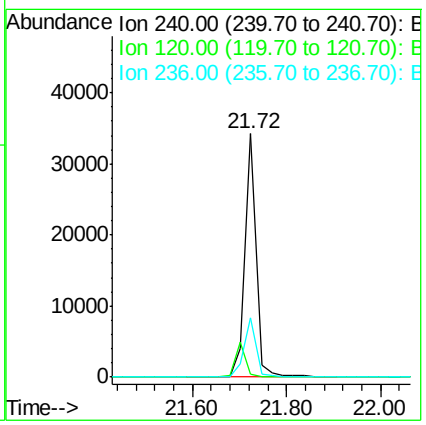


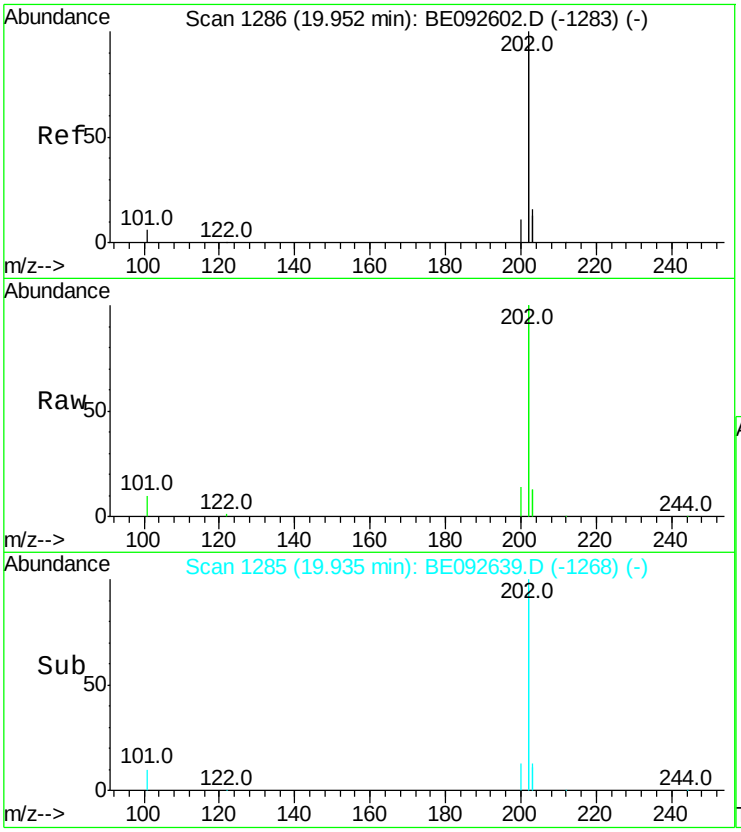


#24
Chrysene-d12
Concen: 5.00 ng
RT: 21.72 min Scan# 1374
Delta R.T. -0.00 min
Lab File: BE092639.D
Acq: 11 Jan 2017 13:40

Tgt Ion:240 Resp: 56126

Ion	Ratio	Lower	Upper
240	100		
120	1.1	2.6	4.0#
236	24.4	24.6	37.0#



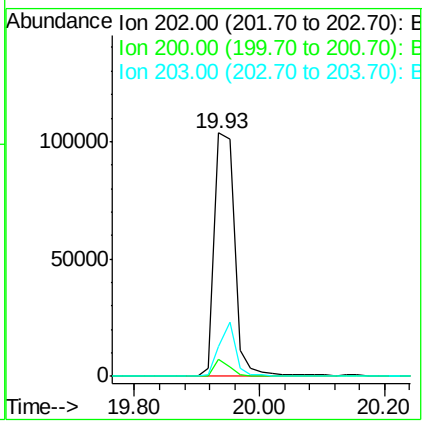


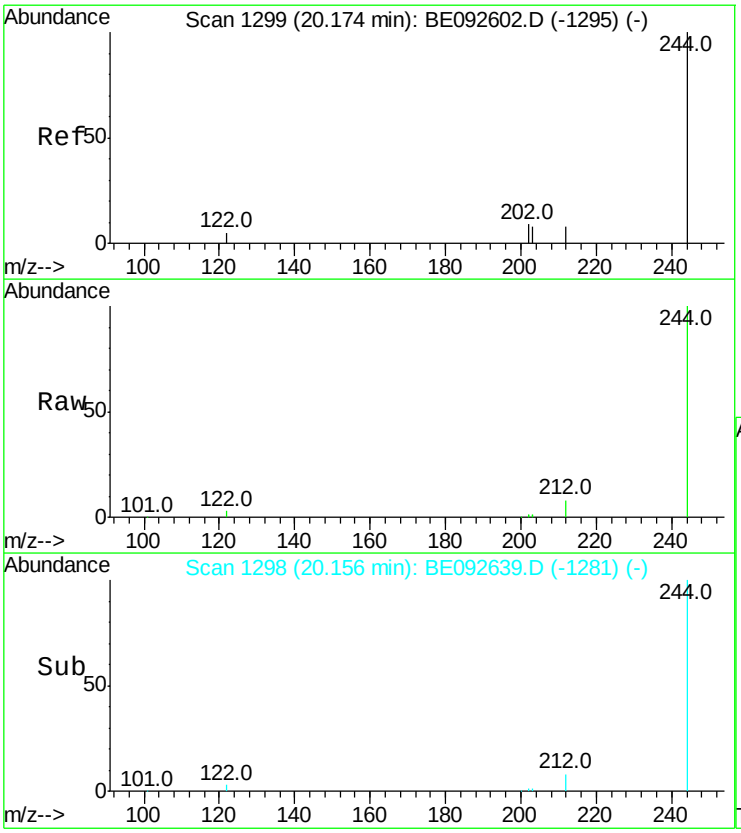
#25
Pyrene
Concen: 4.66 ng
RT: 19.93 min Scan# 1285
Delta R.T. -0.02 min
Lab File: BE092639.D
Acq: 11 Jan 2017 13:40

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:202 Resp: 230096

Ion	Ratio	Lower	Upper
202	100		
200	5.4	4.2	6.4
203	18.1	13.9	20.9

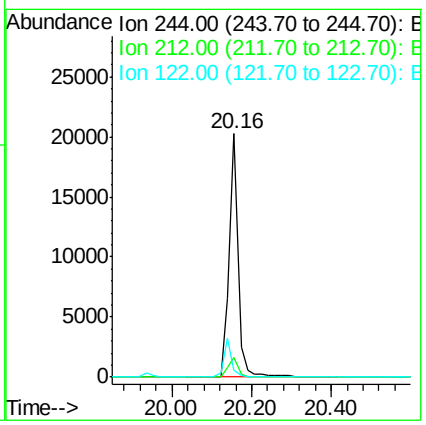


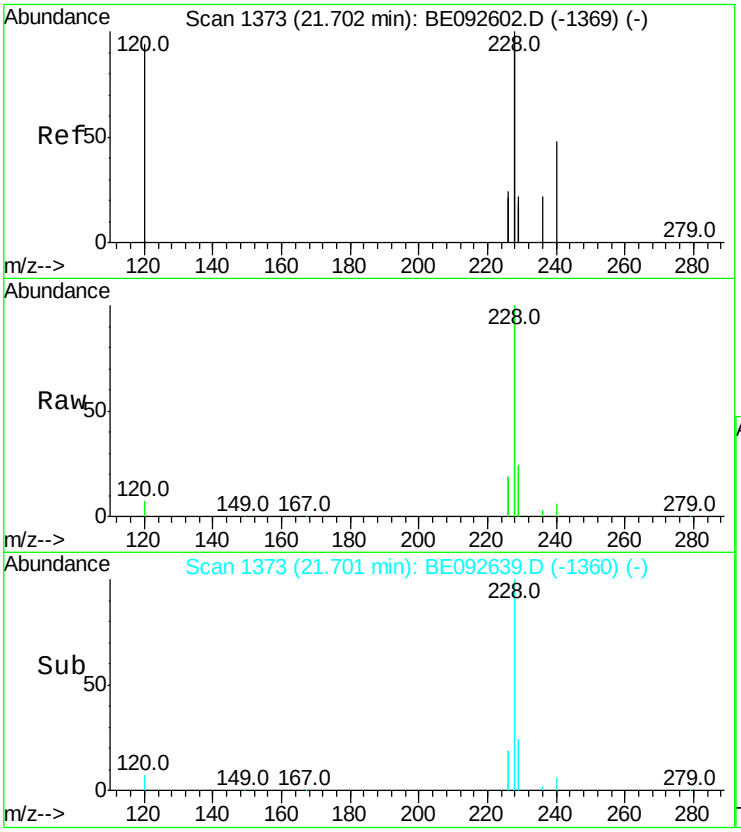


#26
Terphenyl-d14
Concen: 4.55 ng
RT: 20.16 min Scan# 1298
Delta R.T. -0.02 min
Lab File: BE092639.D
Acq: 11 Jan 2017 13:40

Tgt Ion:244 Resp: 31304

Ion	Ratio	Lower	Upper
244	100		
212	7.9	6.7	10.1
122	3.1	3.6	5.4#



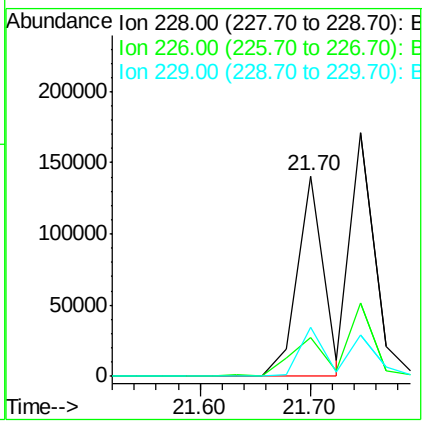


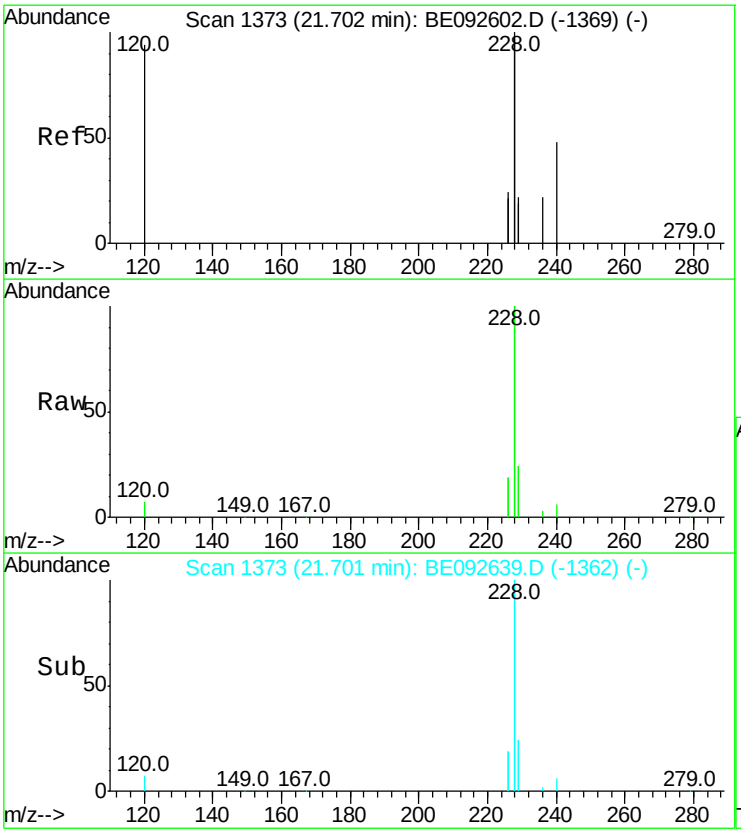
#27
Benzo(a)anthracene
Concen: 4.59 ng
RT: 21.70 min Scan# 1373
Delta R.T. -0.00 min
Lab File: BE092639.D
Acq: 11 Jan 2017 13:40

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:228 Resp: 231254

Ion	Ratio	Lower	Upper
228	100		
226	19.1	23.6	35.4#
229	24.3	13.3	19.9#

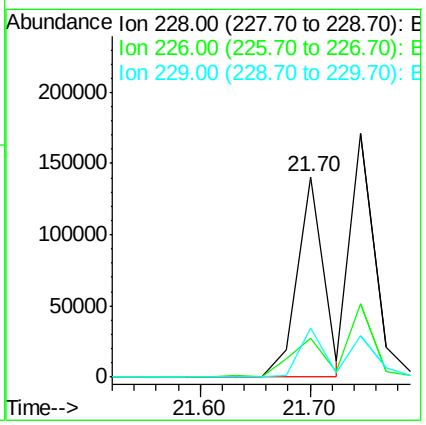


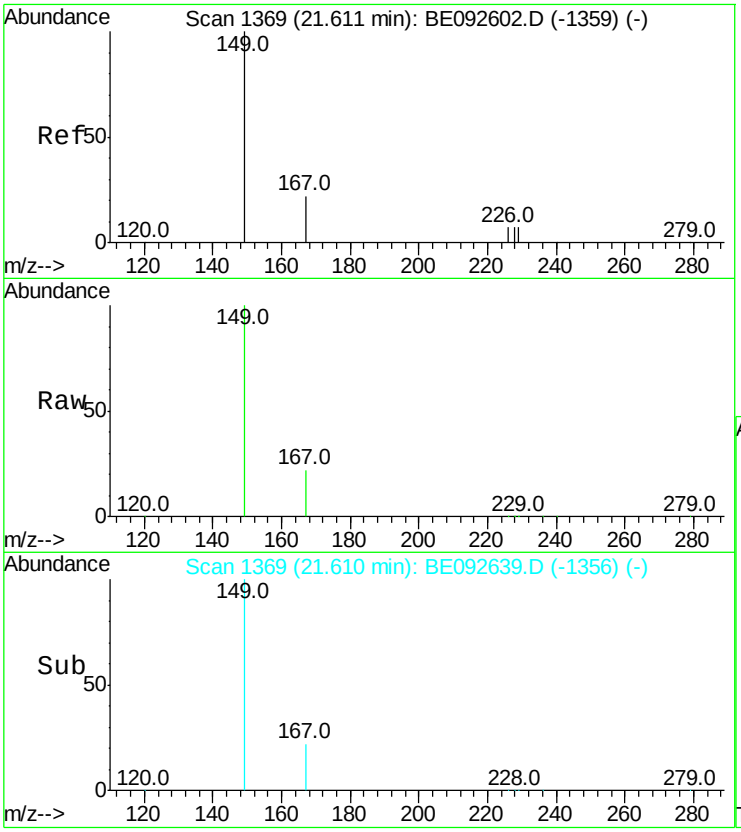


#28
Chrysene
Concen: 3.96 ng
RT: 21.70 min Scan# 1373
Delta R.T. -0.05 min
Lab File: BE092639.D
Acq: 11 Jan 2017 13:40

Tgt Ion:228 Resp: 231254

Ion	Ratio	Lower	Upper
228	100		
226	19.1	36.3	54.5#
229	24.3	10.6	16.0#



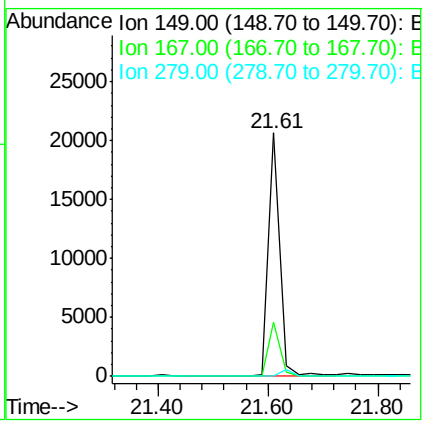


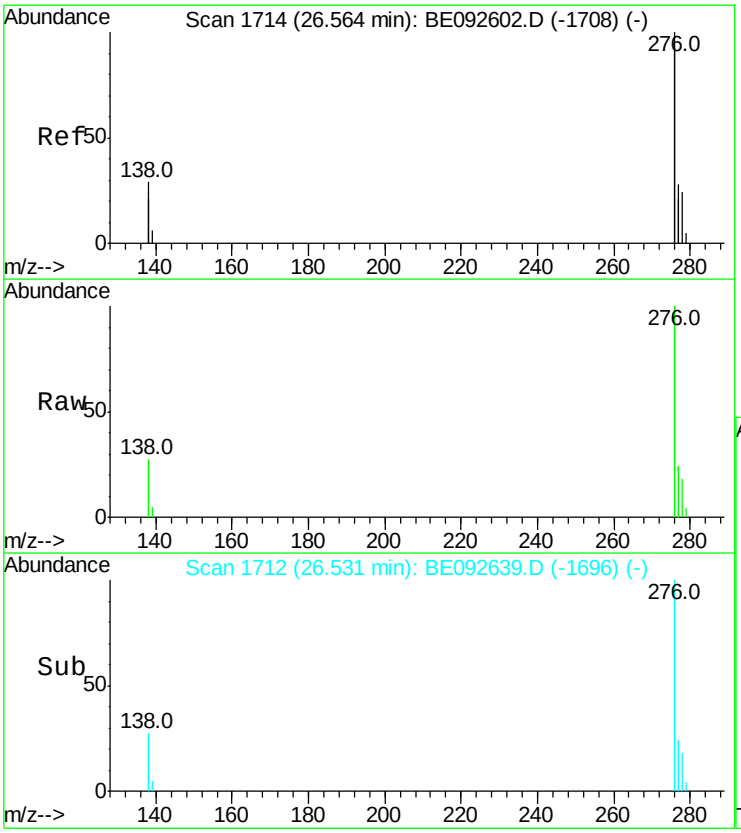
#29
Bis(2-ethylhexyl)phthalate
Concen: 3.96 ng
RT: 21.61 min Scan# 1369
Delta R.T. 0.00 min
Lab File: BE092639.D
Acq: 11 Jan 2017 13:40

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:149 Resp: 29627

Ion	Ratio	Lower	Upper
149	100		
167	22.9	16.0	24.0
279	0.0	16.0	24.0#

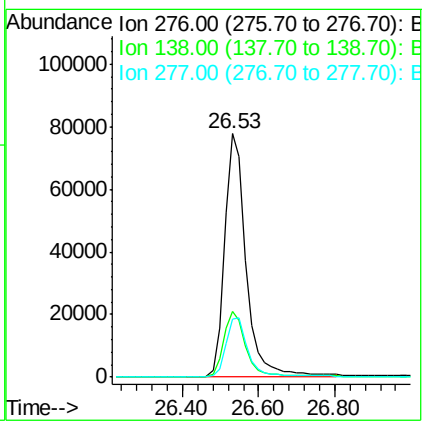


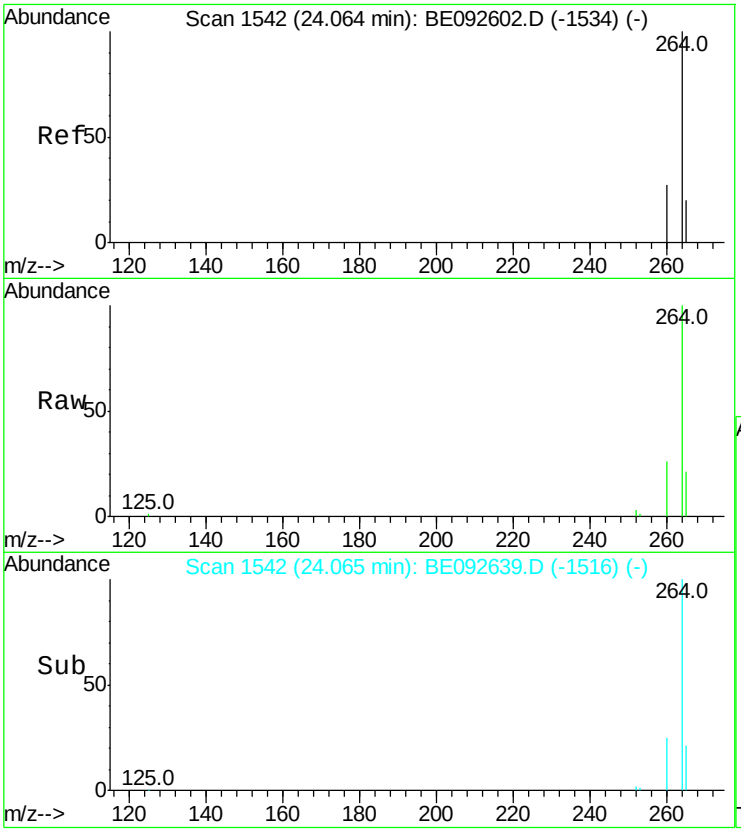


#30
Indeno(1,2,3-cd)pyrene
Concen: 5.77 ng
RT: 26.53 min Scan# 1712
Delta R.T. -0.03 min
Lab File: BE092639.D
Acq: 11 Jan 2017 13:40

Tgt Ion:276 Resp: 304707

Ion	Ratio	Lower	Upper
276	100		
138	27.7	20.3	30.5
277	24.8	19.7	29.5



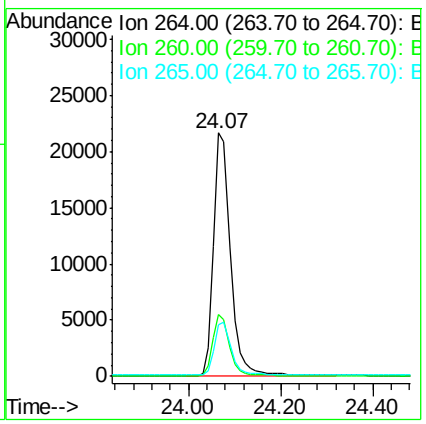


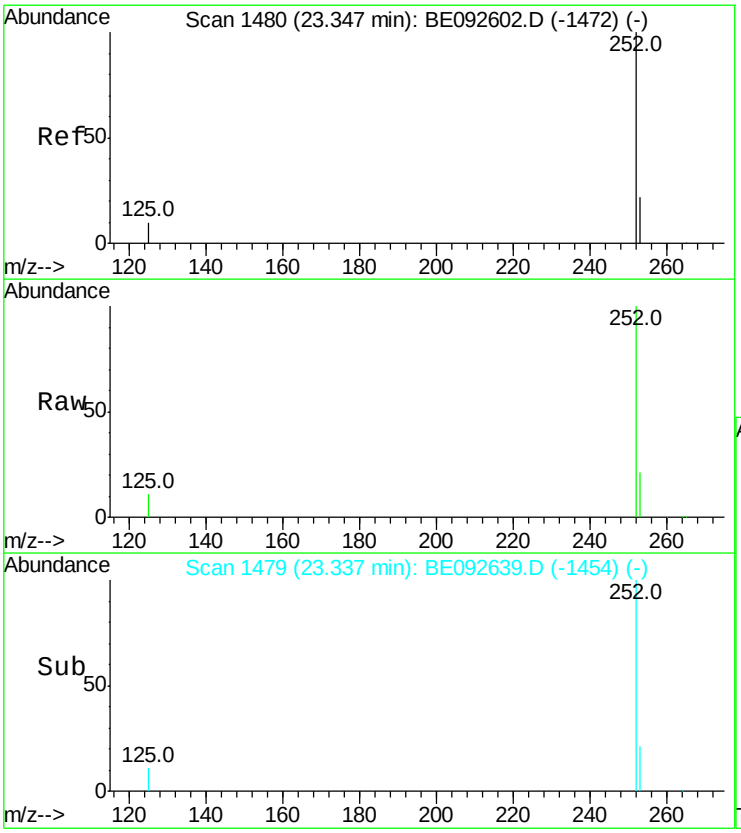
#31
Perylene-d12
Concen: 5.00 ng
RT: 24.07 min Scan# 1542
Delta R.T. 0.00 min
Lab File: BE092639.D
Acq: 11 Jan 2017 13:40

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:264 Resp: 55159

Ion	Ratio	Lower	Upper
264	100		
260	25.6	20.1	30.1
265	21.3	17.9	26.9

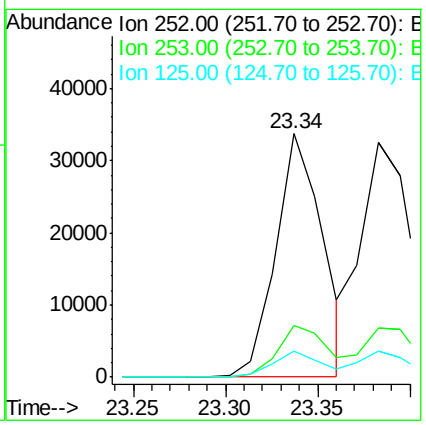


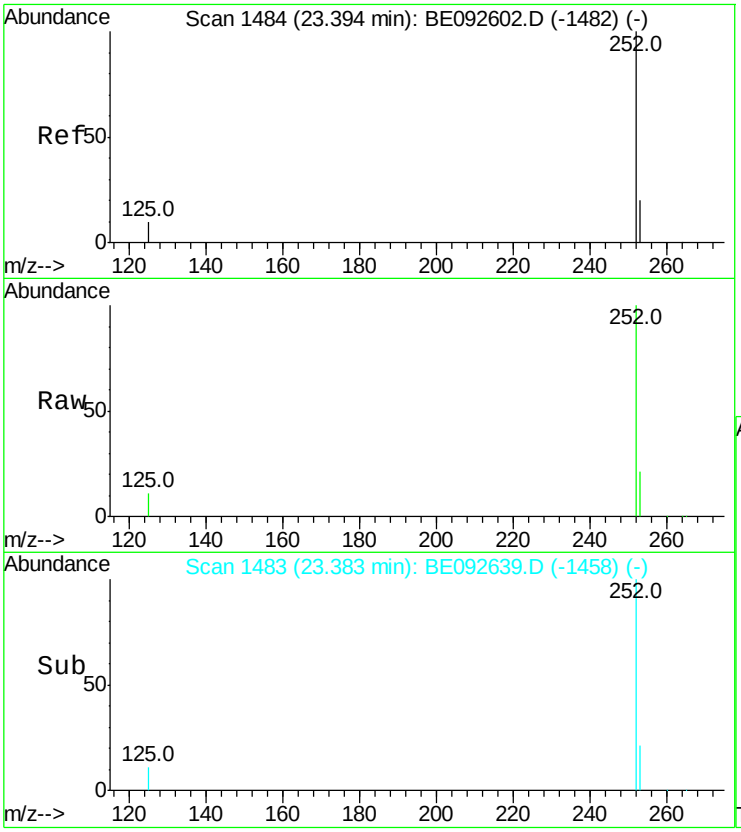


#32
Benzo(b)fluoranthene
Concen: 4.69 ng
RT: 23.34 min Scan# 1479
Delta R.T. -0.01 min
Lab File: BE092639.D
Acq: 11 Jan 2017 13:40

Tgt Ion:252 Resp: 59513

Ion	Ratio	Lower	Upper
252	100		
253	21.1	18.7	28.1
125	10.7	10.5	15.7



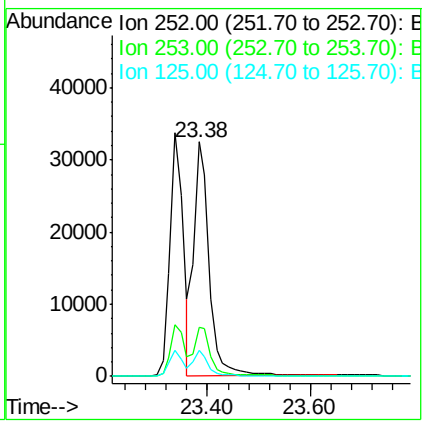


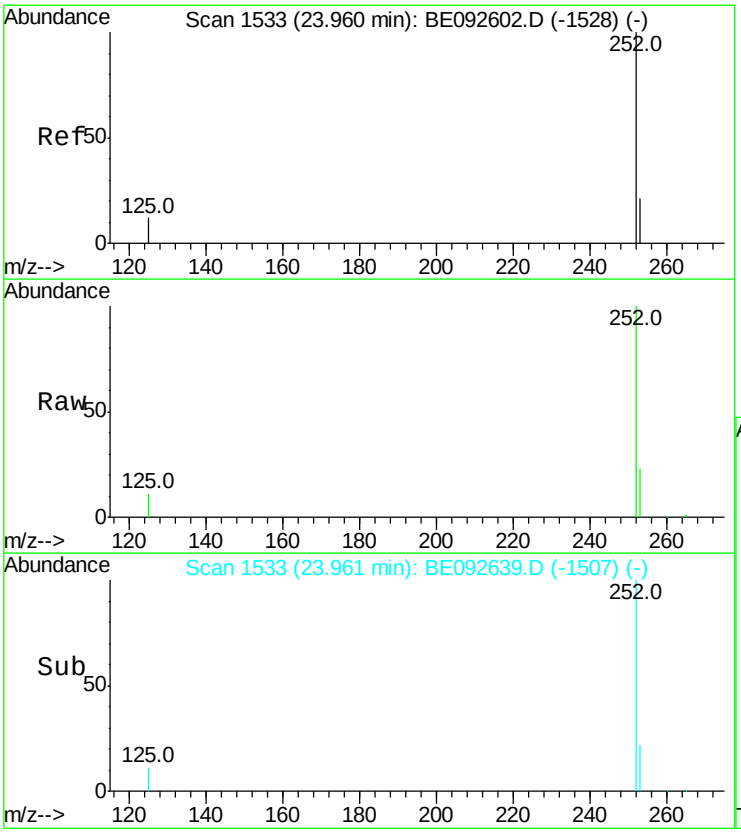
#33
Benzo(k)fluoranthene
Concen: 4.74 ng
RT: 23.38 min Scan# 1483
Delta R.T. -0.01 min
Lab File: BE092639.D
Acq: 11 Jan 2017 13:40

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:252 Resp: 67004

Ion	Ratio	Lower	Upper
252	100		
253	20.8	20.3	30.5
125	11.0	9.6	14.4

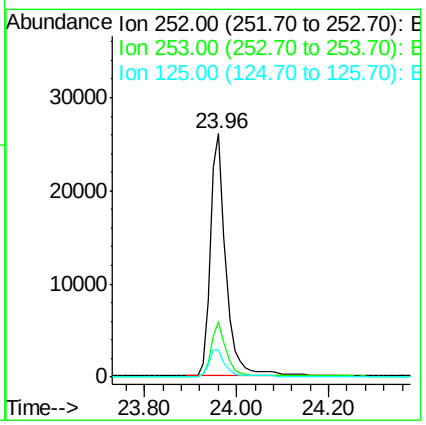


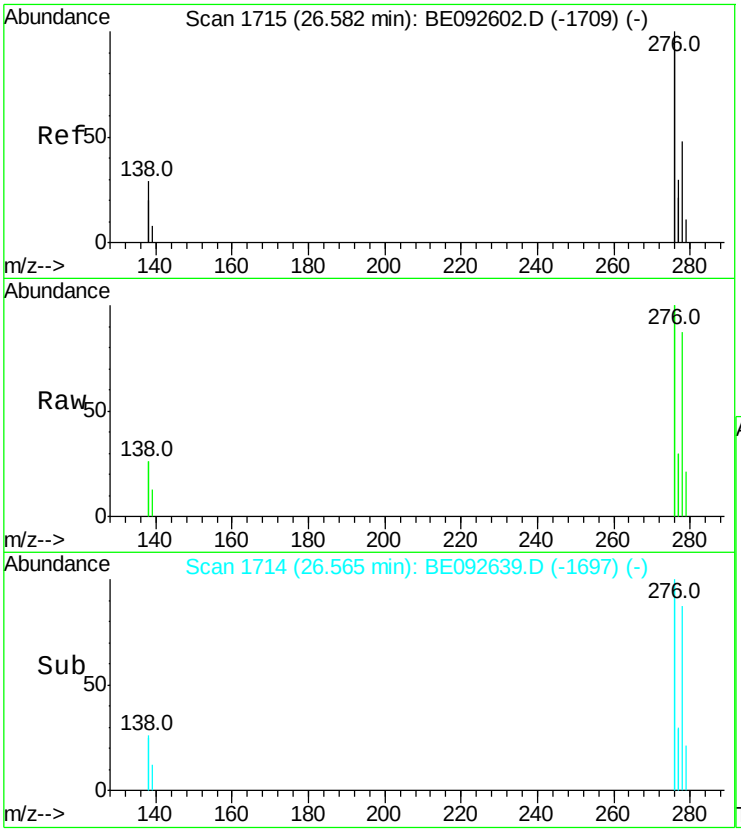


#34
Benzo(a)pyrene
Concen: 5.03 ng
RT: 23.96 min Scan# 1533
Delta R.T. 0.00 min
Lab File: BE092639.D
Acq: 11 Jan 2017 13:40

Tgt Ion:252 Resp: 61570

Ion	Ratio	Lower	Upper
252	100		
253	22.6	19.0	28.6
125	11.2	11.8	17.8#



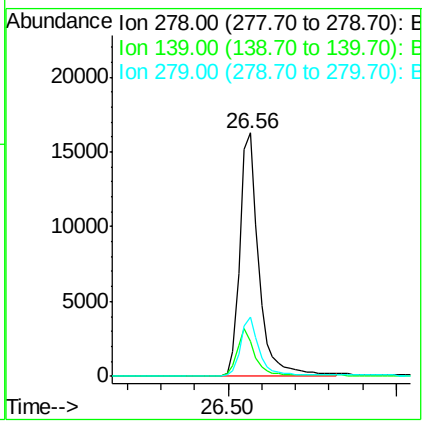


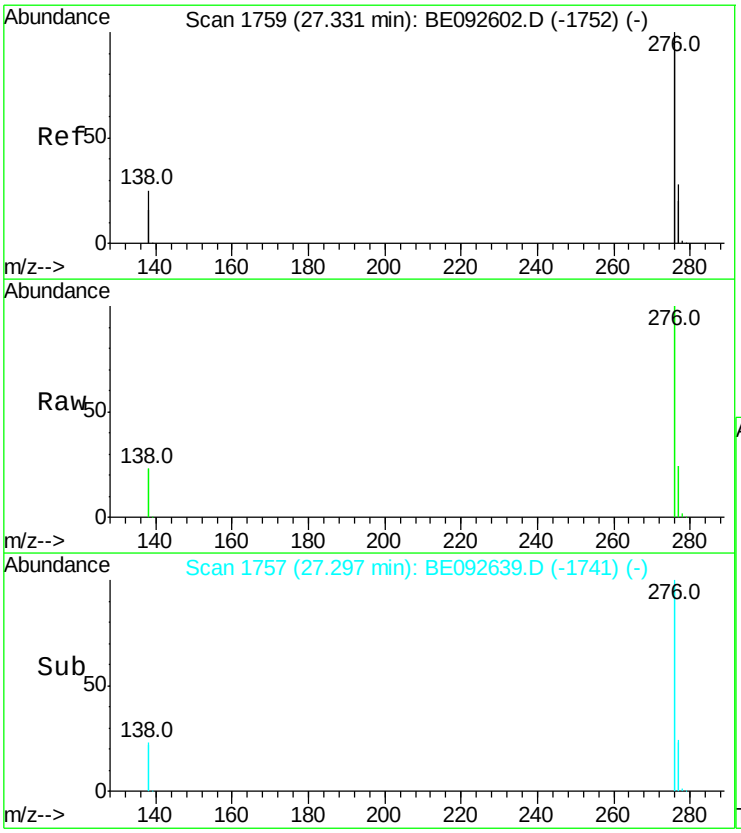
#35
Dibenzo(a,h)anthracene
Concen: 5.43 ng
RT: 26.56 min Scan# 1714
Delta R.T. -0.02 min
Lab File: BE092639.D
Acq: 11 Jan 2017 13:40

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:278 Resp: 63151

Ion	Ratio	Lower	Upper
278	100		
139	14.6	13.8	20.8
279	24.6	21.4	32.2





#36
Benzo(g,h,i)perylene
Concen: 5.30 ng
RT: 27.30 min Scan# 1757
Delta R.T. -0.03 min
Lab File: BE092639.D
Acq: 11 Jan 2017 13:40

Tgt Ion:276 Resp: 263854

Ion	Ratio	Lower	Upper
276	100		
277	23.9	19.8	29.8
138	23.2	19.8	29.6