Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA E\DATA\BE011617\
Data File : BE092650.D
Acq On : 16 Jan 2017 13:52
Operator : UM/SJ
Sample : SSTDICCC0.4
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument : BNA_E
ClientSampleId :

Quant Time: Jan 16 15:34:44 2017
Quant Method : Z:\HPCHEM1\BNA E\METHODS\8270-SIM-BE011617.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Jan 16 15:00:30 2017
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.14	152	9746	5.00	ng		0.00
7) Naphthalene-d8	10.91	136	45021	5.00	ng		0.00
12) Acenaphthene-d10	14.78	164	28854	5.00	ng		0.00
18) Phenanthrene-d10	17.53	188	62814	5.00	ng		0.00
24) Chrysene-d12	21.72	240	71501	5.00	ng		0.00
31) Perylene-d12	24.06	264	77425	5.00	ng		0.00
System Monitoring Compounds							
4) 2-Fluorophenol	5.65	112	740	0.50	ng		0.00
5) Phenol-d6	7.33	99	878	0.41	ng		0.00
8) Nitrobenzene-d5	9.34	82	969	0.38	ng		0.00
13) 2,4,6-Tribromophenol	16.30	330	232	0.36	ng		0.00
14) 2-Fluorobiphenyl	13.42	172	2634	0.38	ng		0.00
26) Terphenyl-d14	20.16	244	3470	0.40	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.37	88	636	0.45	ng		92
3) n-Nitrosodimethylamine	3.74	42	615	0.51	ng	#	100
6) bis(2-Chloroethyl)ether	7.57	93	951	0.43	ng		86
9) Naphthalene	10.97	128	3474	0.38	ng		98
10) Hexachlorobutadiene	11.26	225	527	0.38	ng		99
11) 2-Methylnaphthalene	12.61	142	2087	0.35	ng		100
15) Acenaphthylene	14.51	152	14106	0.35	ng		100
16) Acenaphthene	14.85	154	2423	0.37	ng		97
17) Fluorene	15.85	166	2872	0.36	ng		99
19) Hexachlorobenzene	16.87	284	2114	0.79	ng	#	54
20) Pentachlorophenol	17.23	266	236	0.52	ng		93
21) Phenanthrene	17.58	178	5365	0.34	ng		95
22) Anthracene	17.69	178	4565	0.32	ng		99
23) Fluoranthene	19.59	202	22322	0.33	ng		99
25) Pyrene	19.95	202	23520	0.37	ng		100
27) Benzo(a)anthracene	21.70	228	24306	0.38	ng	#	83
28) Chrysene	21.70	228	24306	0.33	ng	#	65
29) Bis(2-ethylhexyl)phthalate	21.61	149	3737	0.54	ng	#	73
30) Indeno(1,2,3-cd)pyrene	26.55	276	29966	0.45	ng		98
32) Benzo(b)fluoranthene	23.35	252	6884	0.39	ng		96
33) Benzo(k)fluoranthene	23.39	252	6462	0.33	ng		99
34) Benzo(a)pyrene	23.96	252	6076	0.35	ng		96
35) Dibenzo(a,h)anthracene	26.58	278	6101	0.37	ng		98
36) Benzo(g,h,i)perylene	27.31	276	26252	0.38	ng		99

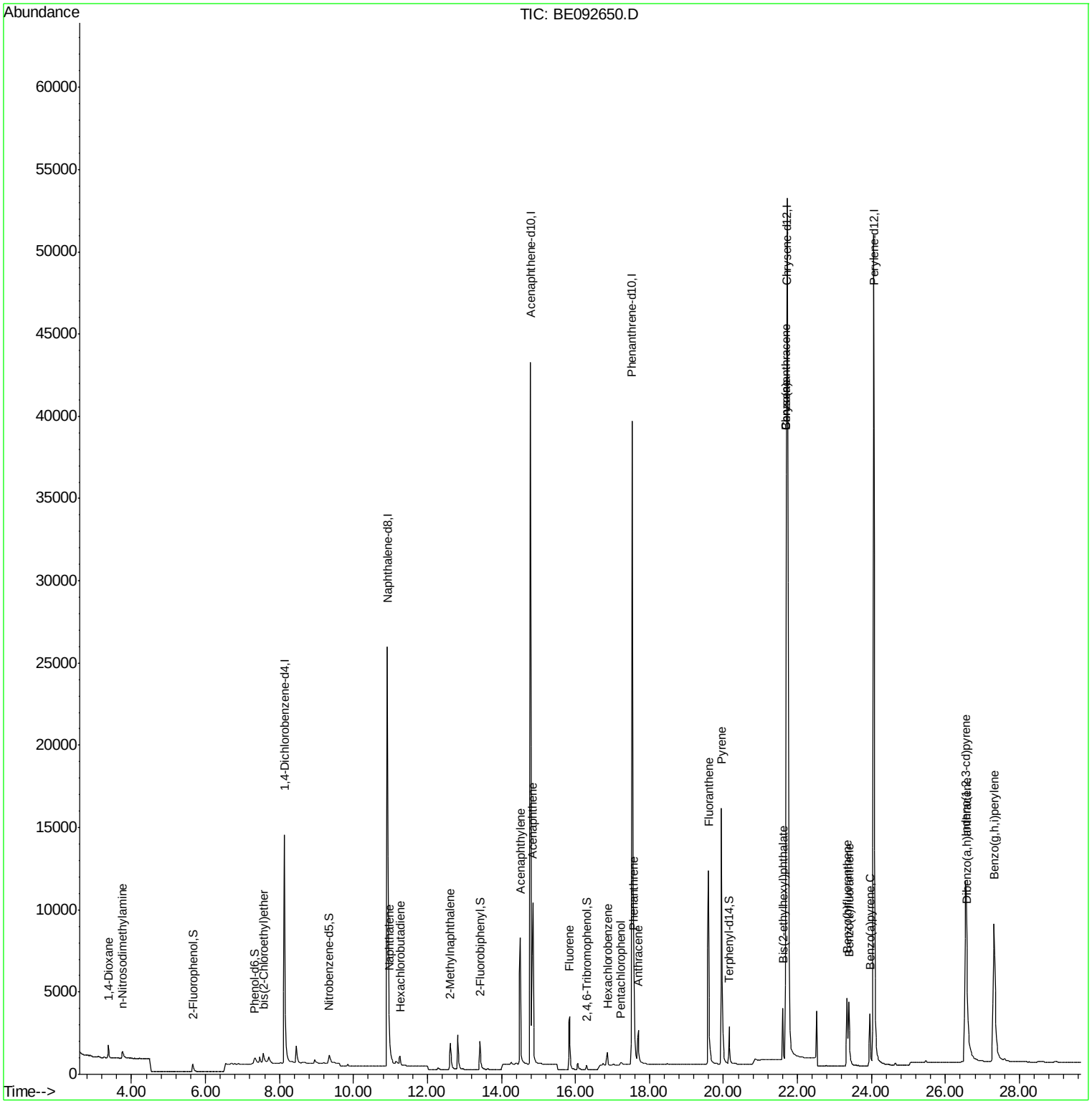
(#) = qualifier out of range (m) = manual integration (+) = signals summed

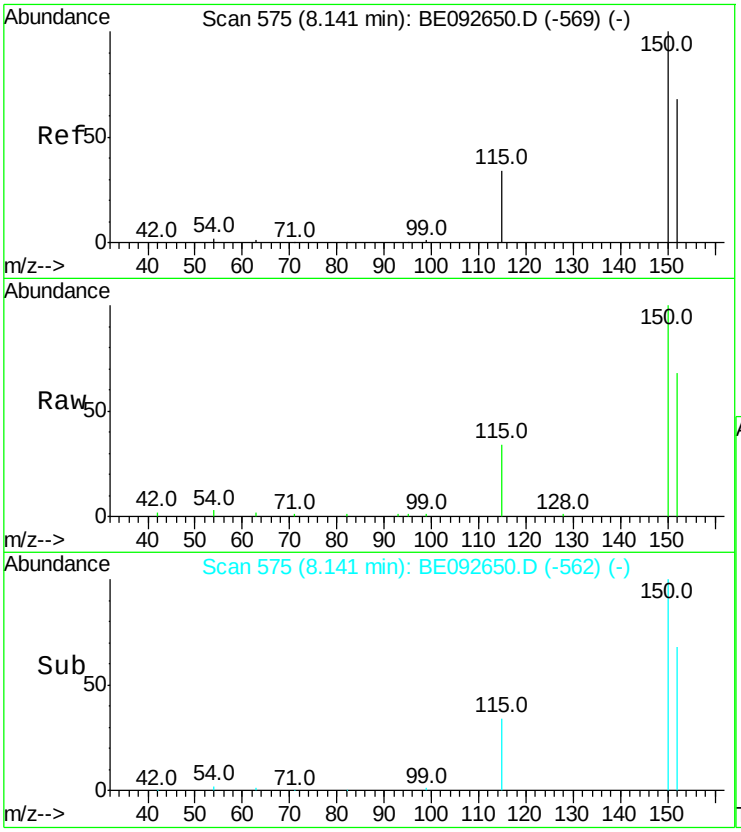
Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA E\DATA\BE011617\
Data File : BE092650.D
Acq On : 16 Jan 2017 13:52
Operator : UM/SJ
Sample : SSTDICCC0.4
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :
BNA_E
ClientSampleId :

Quant Time: Jan 16 15:34:44 2017
Quant Method : Z:\HPCHEM1\BNA E\METHODS\8270-SIM-BE011617.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Jan 16 15:00:30 2017
Response via : Initial Calibration



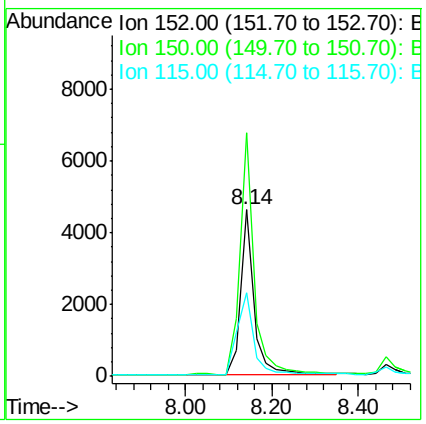


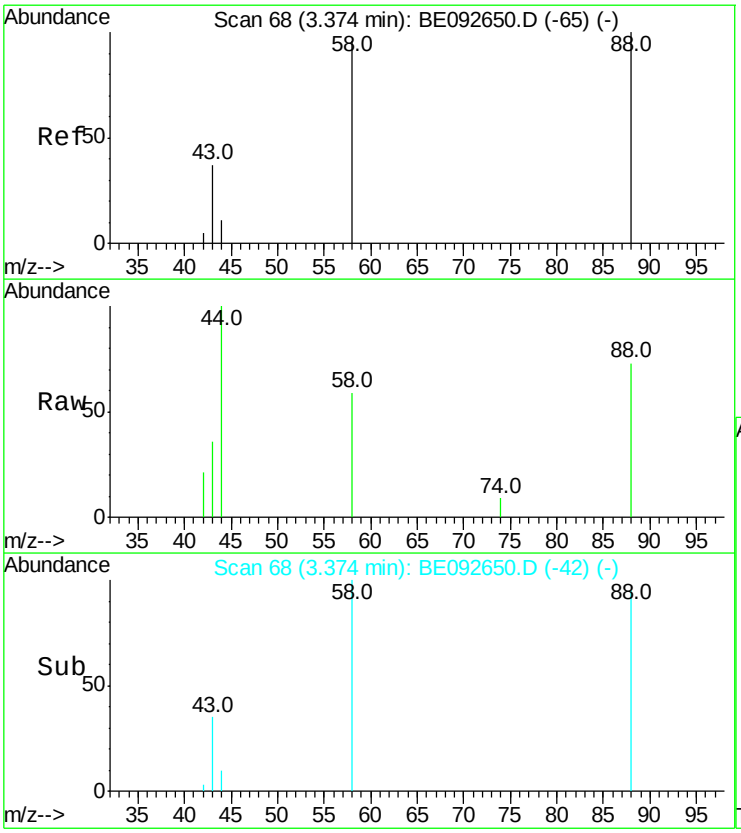
#1
1,4-Dichlorobenzene-d4
Concen: 5.00 ng
RT: 8.14 min Scan# 575
Delta R.T. 0.00 min
Lab File: BE092650.D
Acq: 16 Jan 2017 13:52

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:152 Resp: 9746

Ion	Ratio	Lower	Upper
152	100		
150	146.4	106.0	159.0
115	50.3	31.2	46.8#

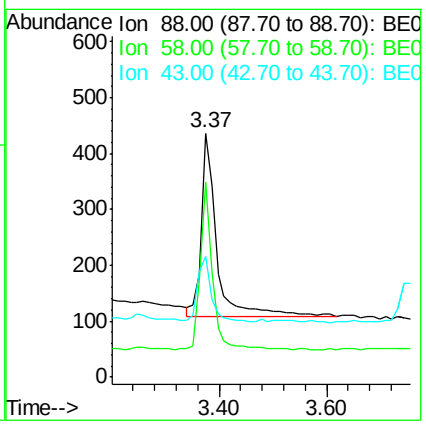


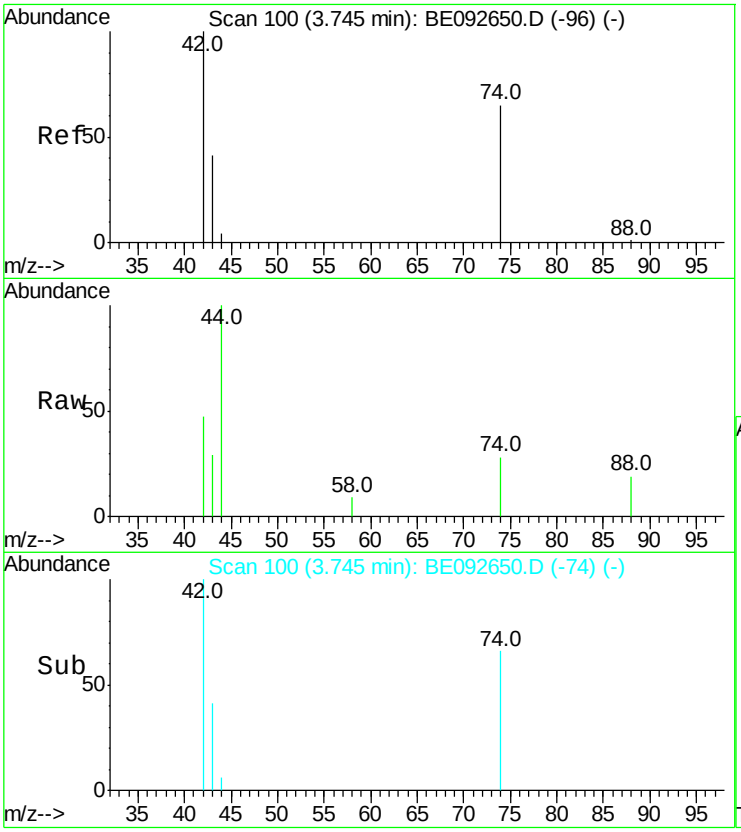


#2
1,4-Dioxane
Concen: 0.45 ng
RT: 3.37 min Scan# 68
Delta R.T. 0.00 min
Lab File: BE092650.D
Acq: 16 Jan 2017 13:52

Tgt Ion: 88 Resp: 636

Ion	Ratio	Lower	Upper
88	100		
58	71.4	63.6	95.4
43	31.6	28.0	42.0



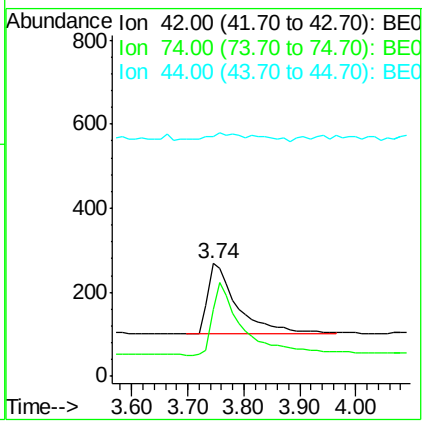


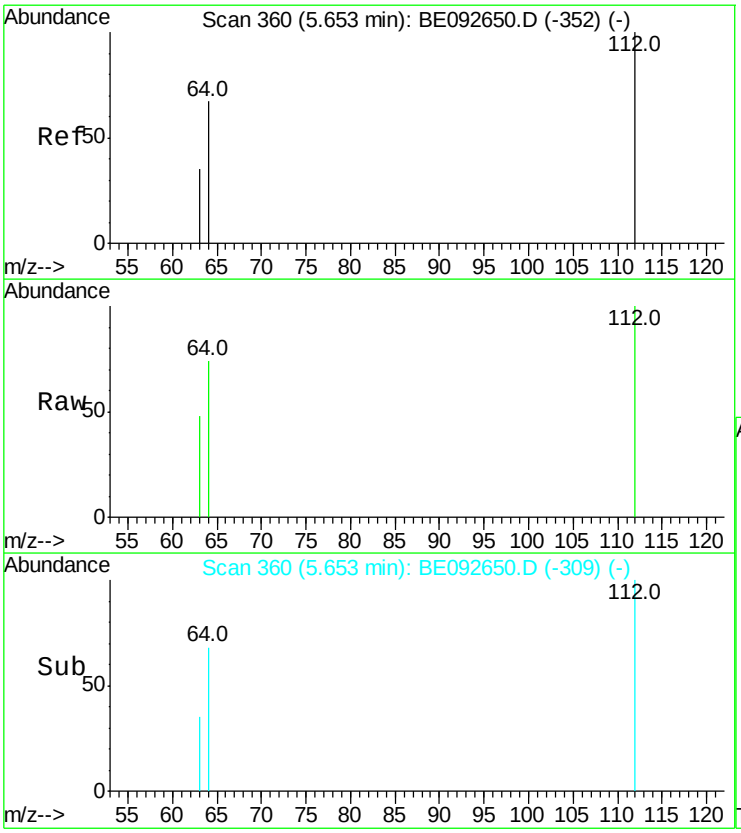
#3
n-Nitrosodimethylamine
Concen: 0.51 ng
RT: 3.74 min Scan# 100
Delta R.T. 0.00 min
Lab File: BE092650.D
Acq: 16 Jan 2017 13:52

Instrument :
BNA_E
ClientSampleId :

Tgt Ion: 42 Resp: 615

Ion	Ratio	Lower	Upper
42	100		
74	107.6	86.0	129.0
44	8.3	5.1	7.7#

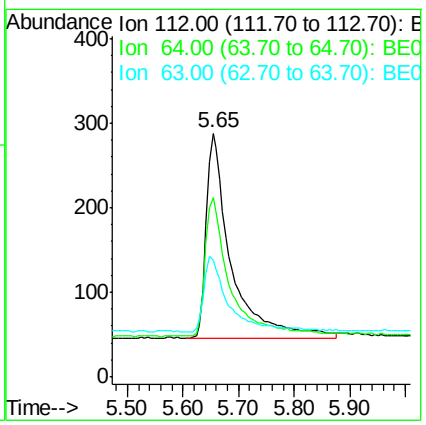


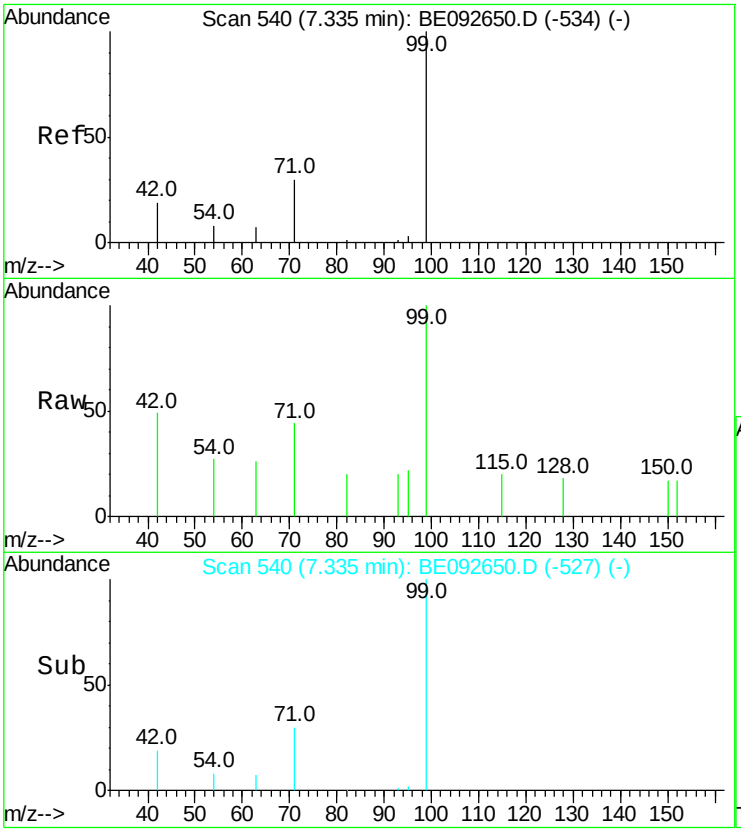


#4
2-Fluorophenol
Concen: 0.50 ng
RT: 5.65 min Scan# 360
Delta R.T. 0.00 min
Lab File: BE092650.D
Acq: 16 Jan 2017 13:52

Tgt Ion:112 Resp: 740

Ion	Ratio	Lower	Upper
112	100		
64	65.8	53.5	80.3
63	35.9	27.9	41.9



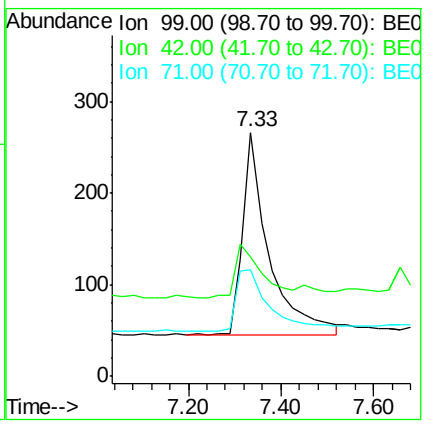


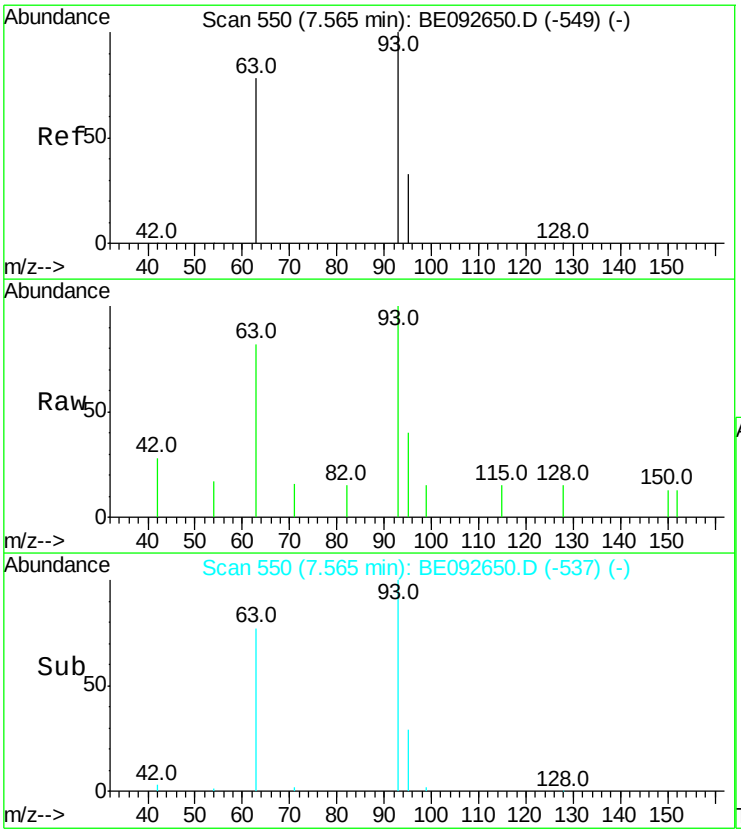
#5
Phenol-d6
Concen: 0.41 ng
RT: 7.33 min Scan# 540
Delta R.T. 0.00 min
Lab File: BE092650.D
Acq: 16 Jan 2017 13:52

Instrument :
BNA_E
ClientSampleId :

Tgt Ion: 99 Resp: 878

Ion	Ratio	Lower	Upper
99	100		
42	0.0	16.0	24.0#
71	38.0	30.6	45.8

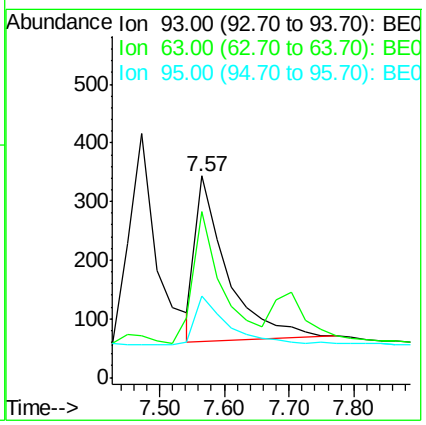


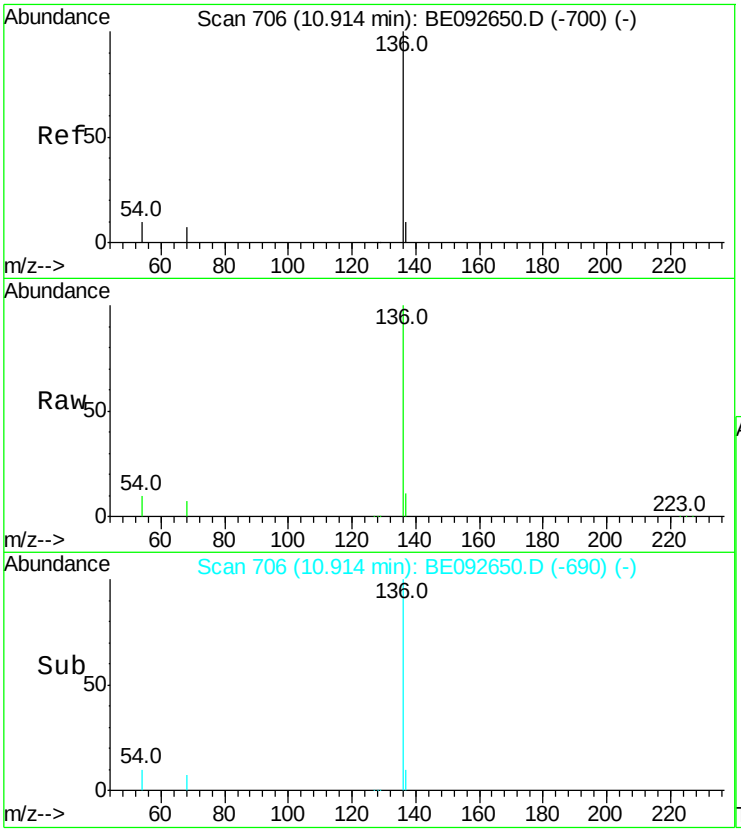


#6
bis(2-Chloroethyl)ether
Concen: 0.43 ng
RT: 7.57 min Scan# 550
Delta R.T. 0.00 min
Lab File: BE092650.D
Acq: 16 Jan 2017 13:52

Tgt Ion: 93 Resp: 951

Ion	Ratio	Lower	Upper
93	100		
63	73.4	71.6	107.4
95	32.6	24.0	36.0



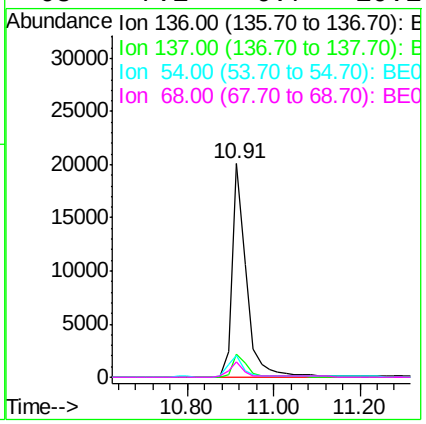


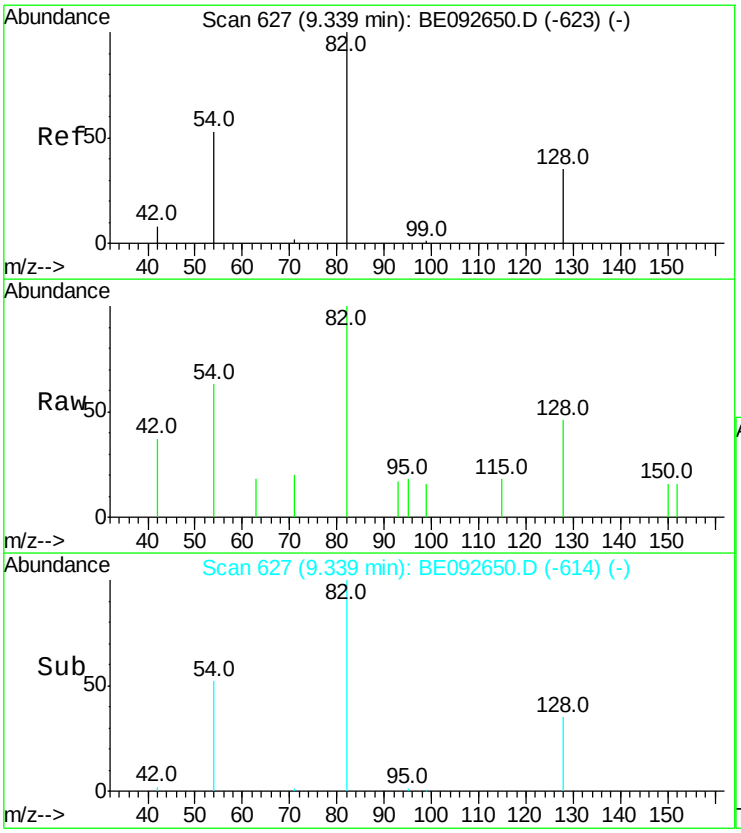
#7
Naphthalene-d8
Concen: 5.00 ng
RT: 10.91 min Scan# 706
Delta R.T. 0.00 min
Lab File: BE092650.D
Acq: 16 Jan 2017 13:52

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:136 Resp: 45021

Ion	Ratio	Lower	Upper
136	100		
137	10.6	8.2	12.4
54	10.2	9.6	14.4
68	7.1	6.7	10.1

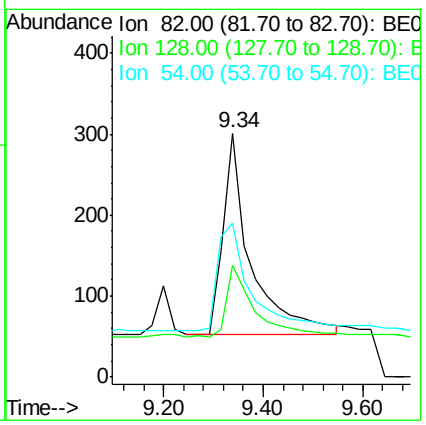


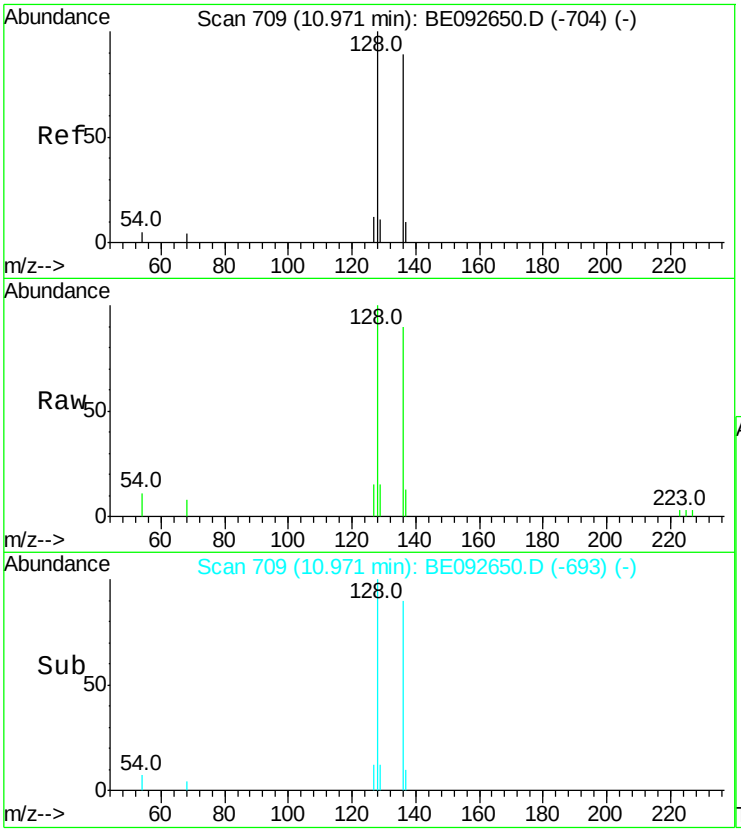


#8
Nitrobenzene-d5
Concen: 0.38 ng
RT: 9.34 min Scan# 627
Delta R.T. 0.00 min
Lab File: BE092650.D
Acq: 16 Jan 2017 13:52

Tgt Ion: 82 Resp: 969

Ion	Ratio	Lower	Upper
82	100		
128	45.8	39.0	58.4
54	63.1	44.8	67.2



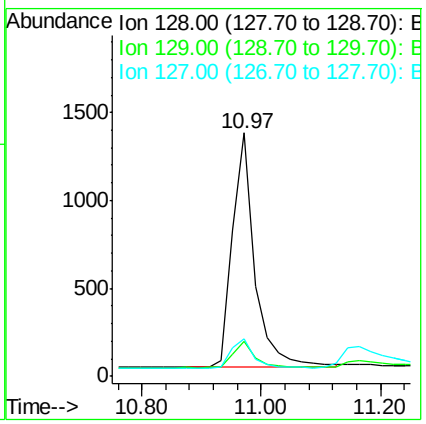


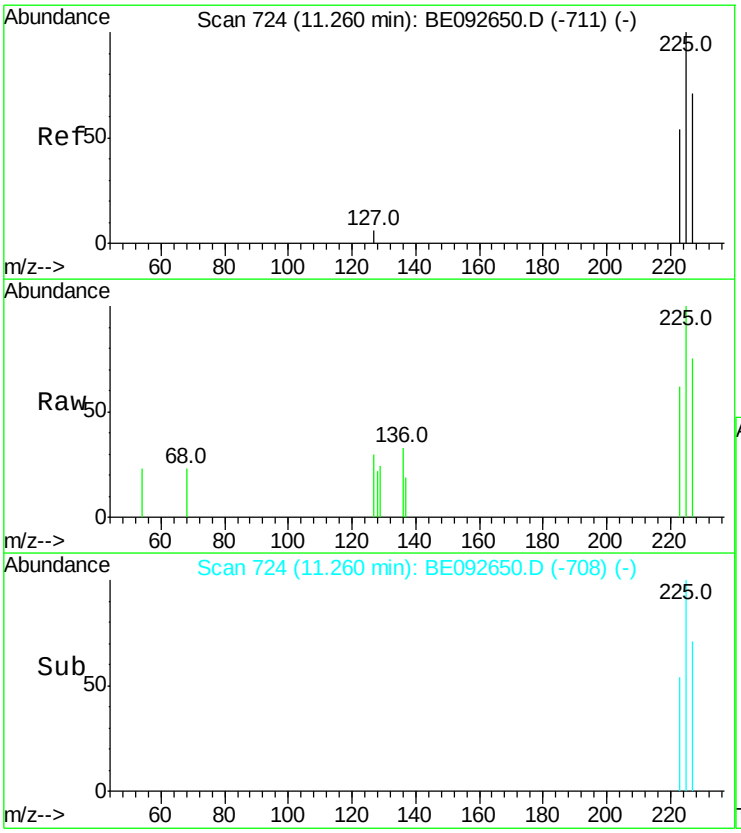
#9
Naphthalene
Concen: 0.38 ng
RT: 10.97 min Scan# 709
Delta R.T. 0.00 min
Lab File: BE092650.D
Acq: 16 Jan 2017 13:52

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:128 Resp: 3474

Ion	Ratio	Lower	Upper
128	100		
129	14.6	11.2	16.8
127	15.2	11.6	17.4

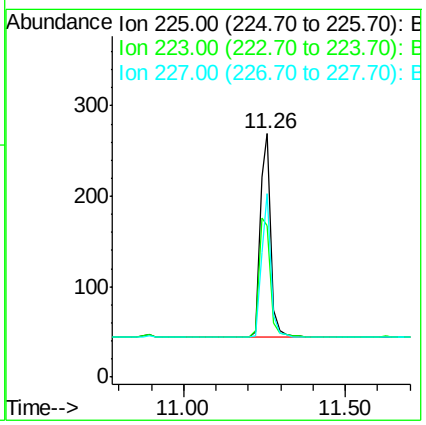


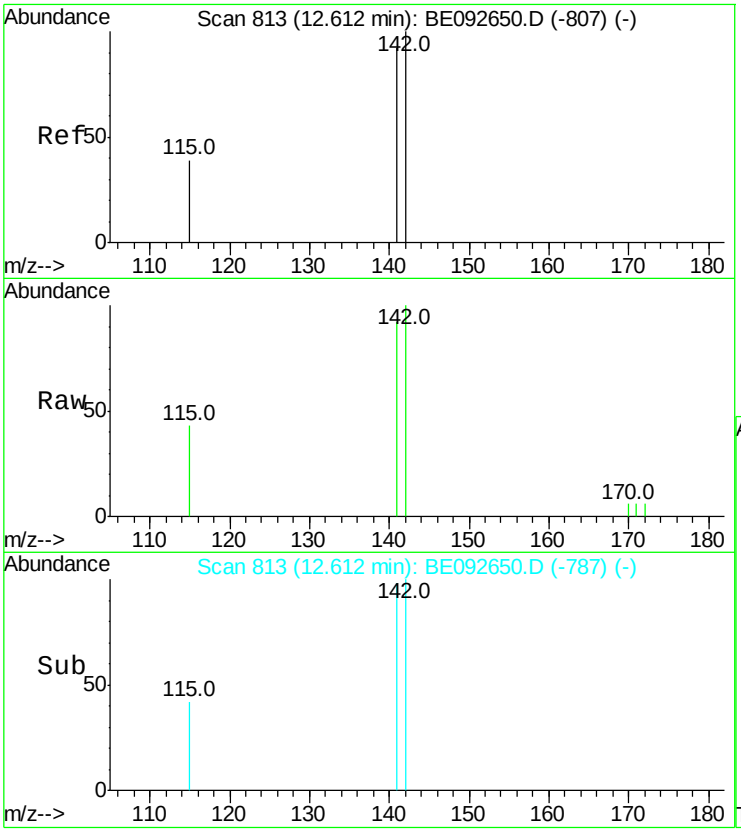


#10
Hexachlorobutadiene
Concen: 0.38 ng
RT: 11.26 min Scan# 724
Delta R.T. 0.00 min
Lab File: BE092650.D
Acq: 16 Jan 2017 13:52

Tgt Ion:225 Resp: 527

Ion	Ratio	Lower	Upper
225	100		
223	64.5	50.6	76.0
227	63.8	51.4	77.0



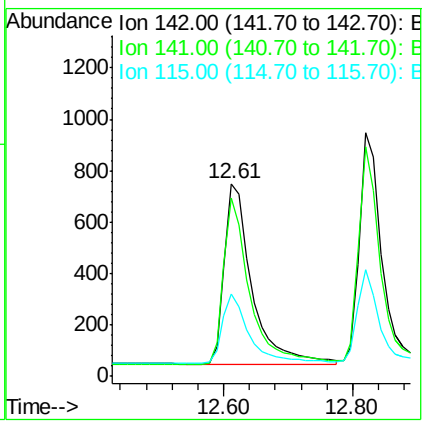


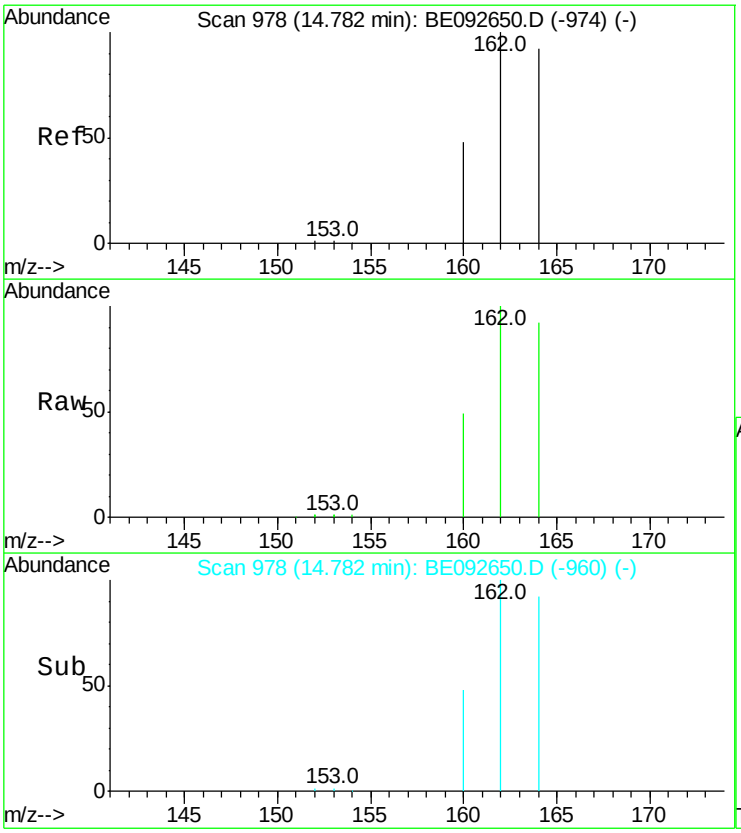
#11
2-Methylnaphthalene
Concen: 0.35 ng
RT: 12.61 min Scan# 813
Delta R.T. 0.00 min
Lab File: BE092650.D
Acq: 16 Jan 2017 13:52

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:142 Resp: 2087

Ion	Ratio	Lower	Upper
142	100		
141	92.3	73.7	110.5
115	43.1	34.0	51.0

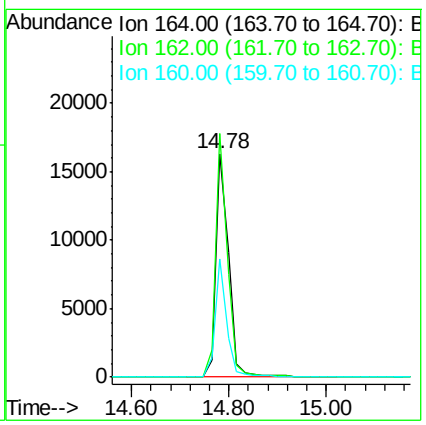


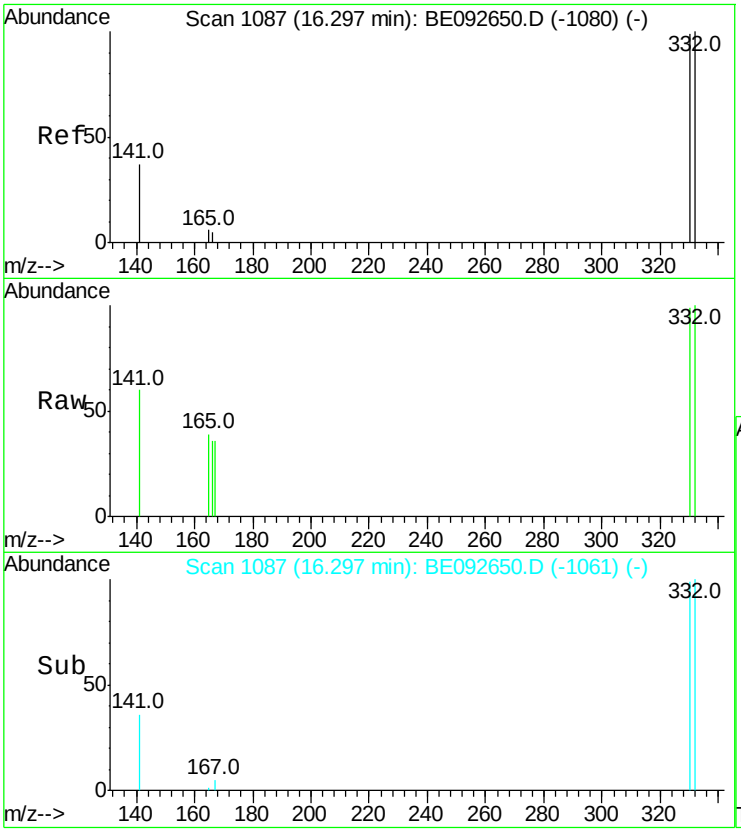


#12
Acenaphthene-d10
Concen: 5.00 ng
RT: 14.78 min Scan# 978
Delta R.T. 0.00 min
Lab File: BE092650.D
Acq: 16 Jan 2017 13:52

Tgt Ion:164 Resp: 28854

Ion	Ratio	Lower	Upper
164	100		
162	109.0	71.4	107.0#
160	52.9	27.4	41.2#



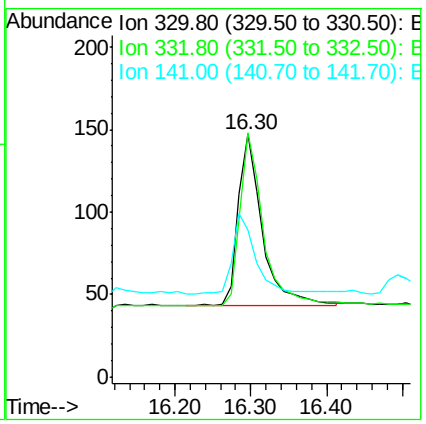


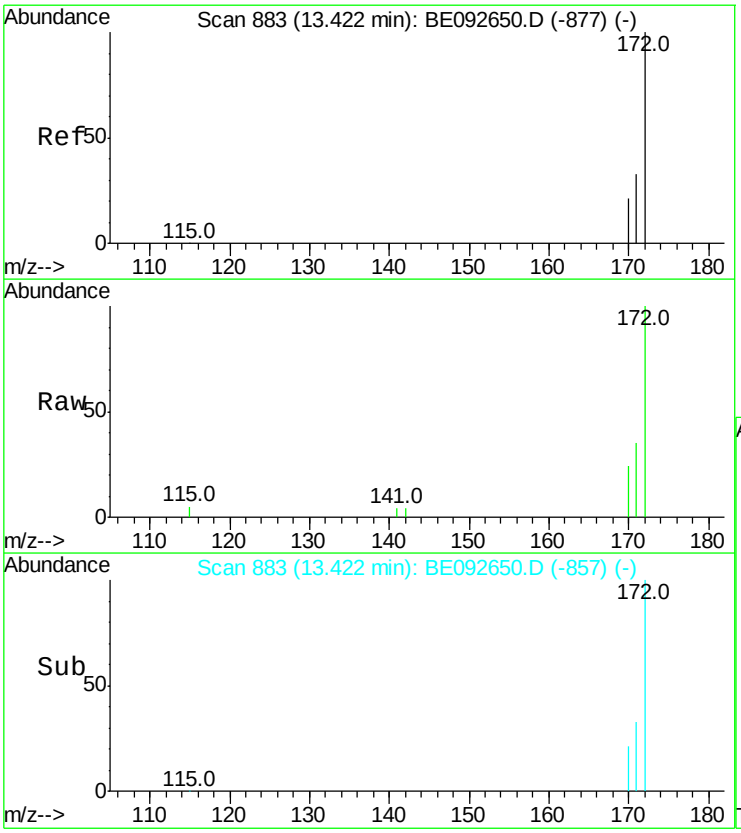
#13
2,4,6-Tribromophenol
Concen: 0.36 ng
RT: 16.30 min Scan# 1087
Delta R.T. 0.00 min
Lab File: BE092650.D
Acq: 16 Jan 2017 13:52

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:330 Resp: 232

Ion	Ratio	Lower	Upper
330	100		
332	100.9	75.4	113.0
141	47.4	31.0	46.6#

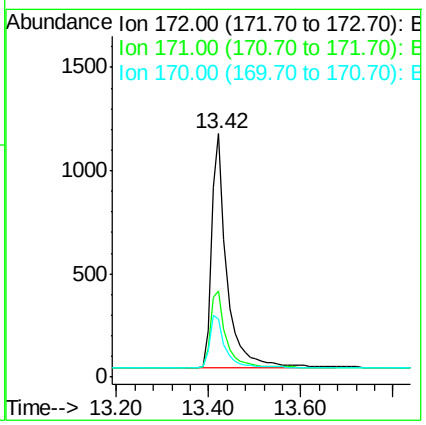


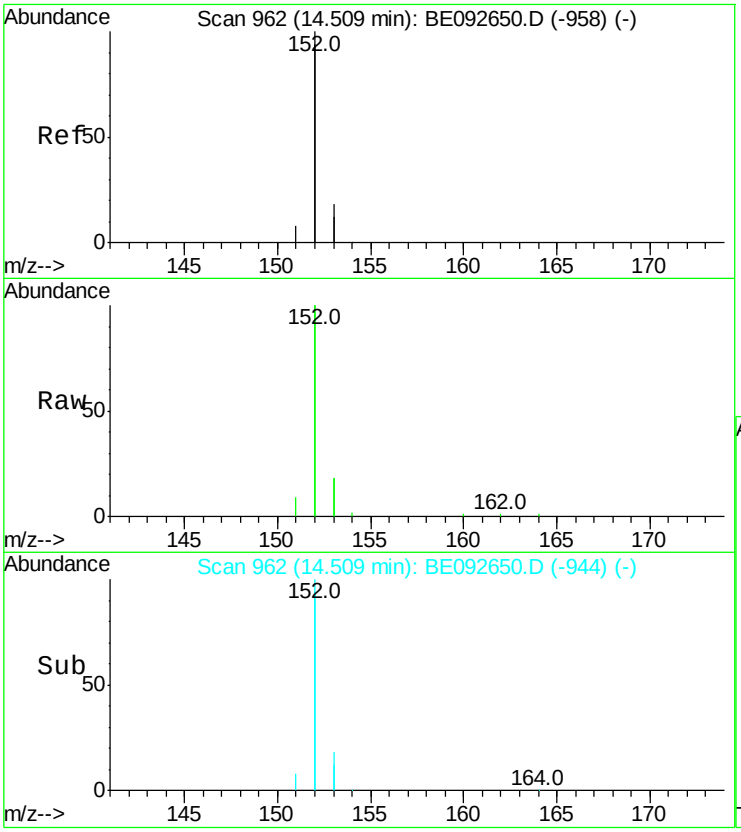


#14
2-Fluorobiphenyl
Concen: 0.38 ng
RT: 13.42 min Scan# 883
Delta R.T. 0.00 min
Lab File: BE092650.D
Acq: 16 Jan 2017 13:52

Tgt Ion:172 Resp: 2634

Ion	Ratio	Lower	Upper
172	100		
171	35.2	30.1	45.1
170	23.8	21.8	32.6



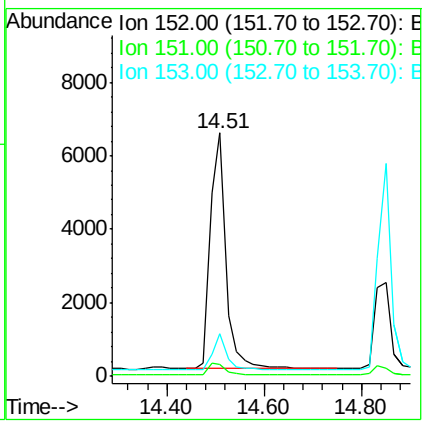


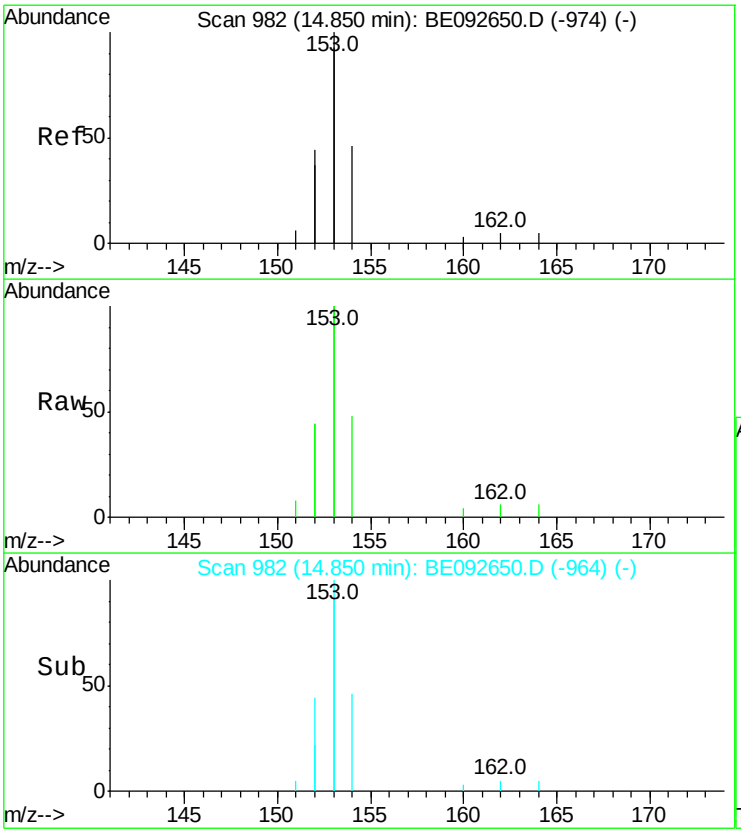
#15
Acenaphthylene
Concen: 0.35 ng
RT: 14.51 min Scan# 962
Delta R.T. 0.00 min
Lab File: BE092650.D
Acq: 16 Jan 2017 13:52

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:152 Resp: 14106

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

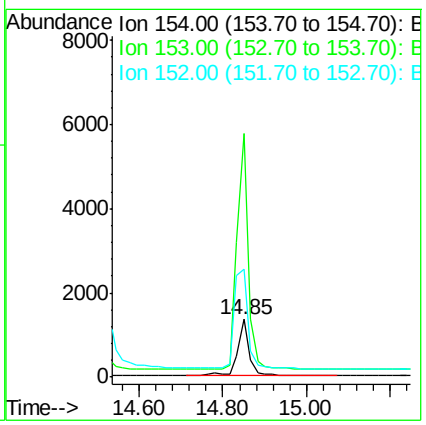


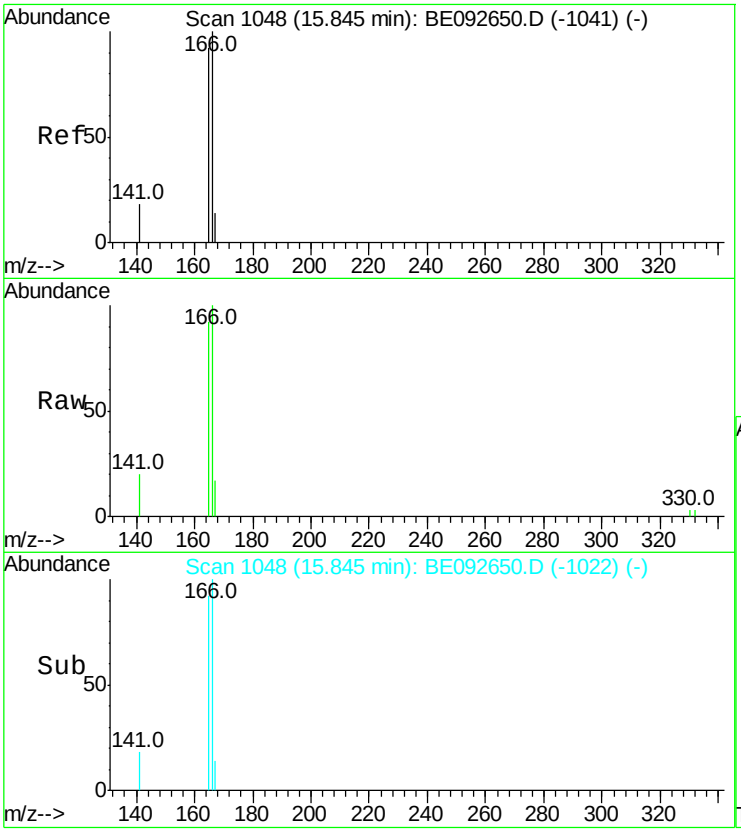


#16
Acenaphthene
Concen: 0.37 ng
RT: 14.85 min Scan# 982
Delta R.T. 0.00 min
Lab File: BE092650.D
Acq: 16 Jan 2017 13:52

Tgt Ion:154 Resp: 2423

Ion	Ratio	Lower	Upper
154	100		
153	436.6	350.8	526.2
152	227.7	171.1	256.7



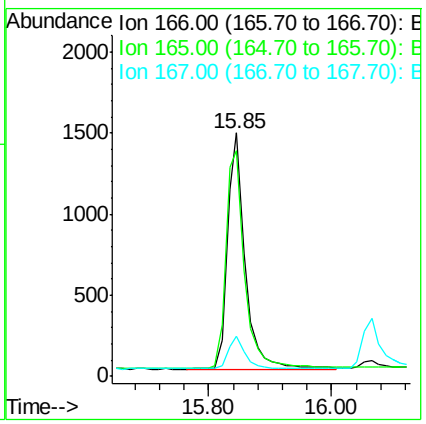


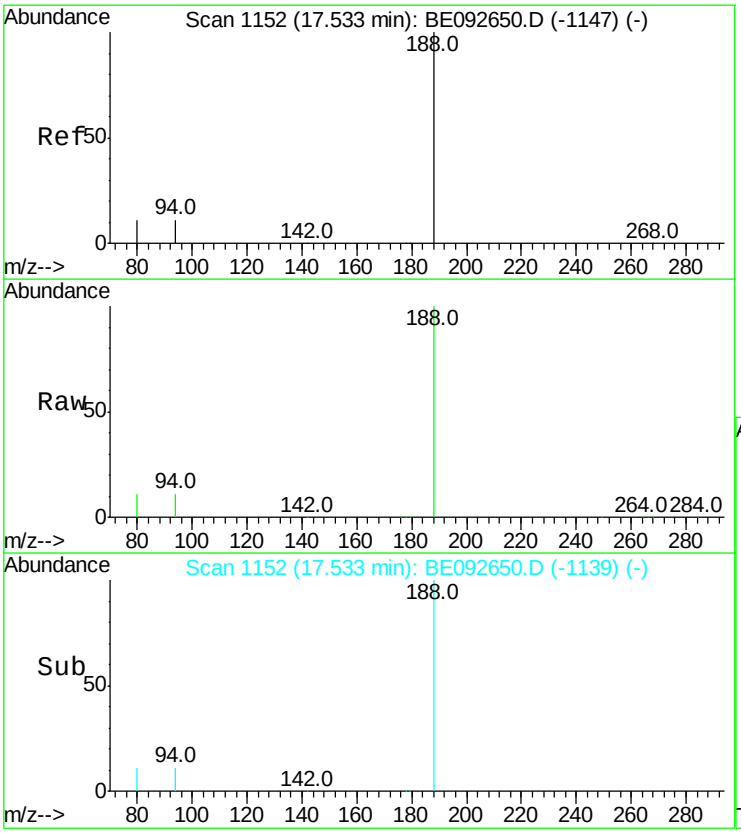
#17
Fluorene
Concen: 0.36 ng
RT: 15.85 min Scan# 1048
Delta R.T. 0.00 min
Lab File: BE092650.D
Acq: 16 Jan 2017 13:52

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:166 Resp: 2872

Ion	Ratio	Lower	Upper
166	100		
165	99.2	78.2	117.4
167	13.7	11.0	16.4

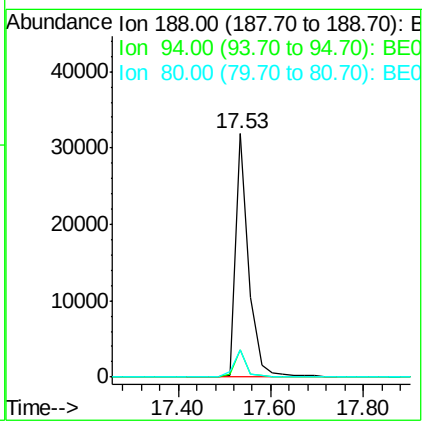


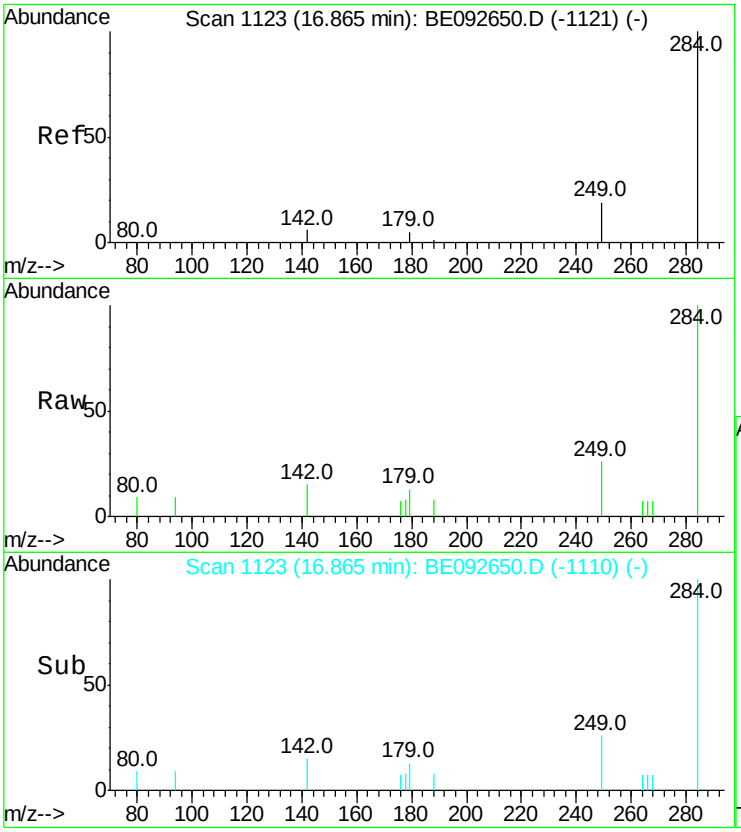


#18
Phenanthrene-d10
Concen: 5.00 ng
RT: 17.53 min Scan# 1152
Delta R.T. 0.00 min
Lab File: BE092650.D
Acq: 16 Jan 2017 13:52

Tgt Ion:188 Resp: 62814

Ion	Ratio	Lower	Upper
188	100		
94	11.4	3.2	4.8#
80	11.5	2.6	3.8#



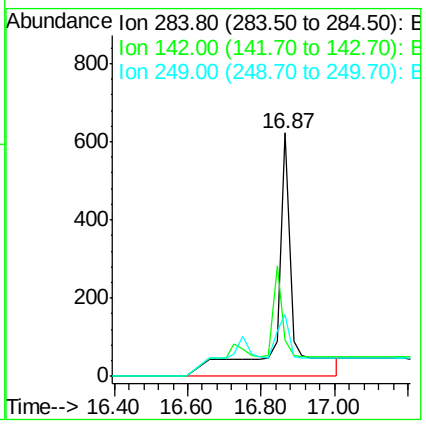


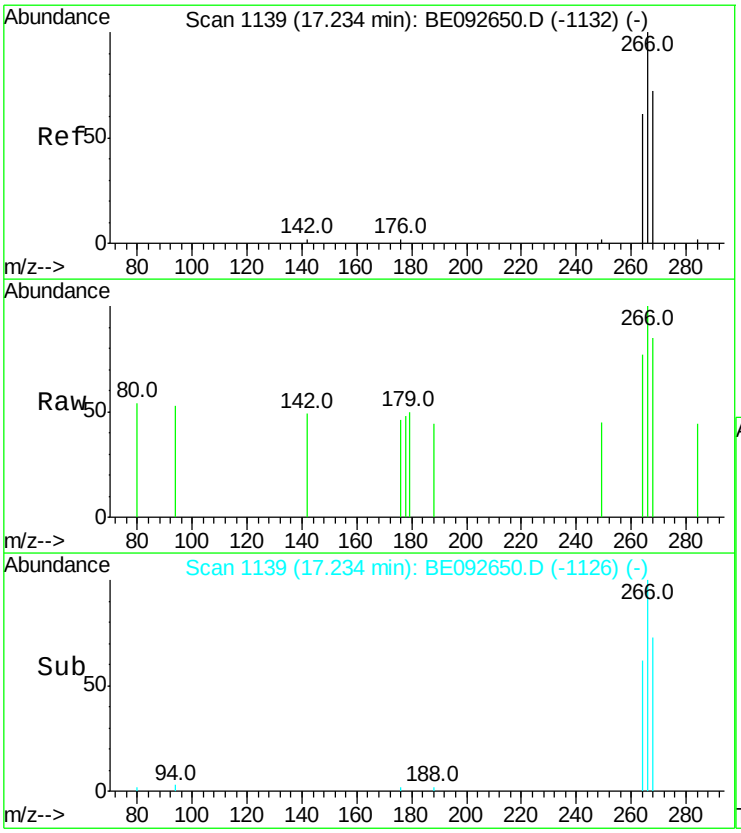
#19
Hexachlorobenzene
Concen: 0.79 ng
RT: 16.87 min Scan# 1123
Delta R.T. 0.00 min
Lab File: BE092650.D
Acq: 16 Jan 2017 13:52

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:284 Resp: 2114

Ion	Ratio	Lower	Upper
284	100		
142	0.0	29.1	43.7#
249	17.3	27.9	41.9#

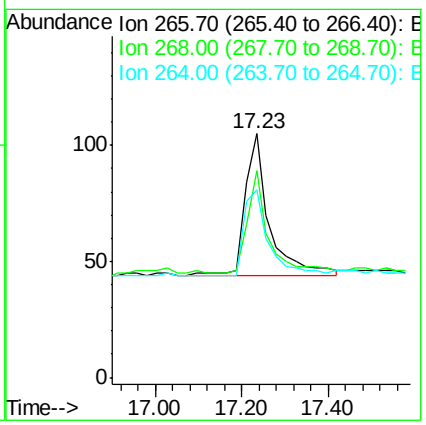


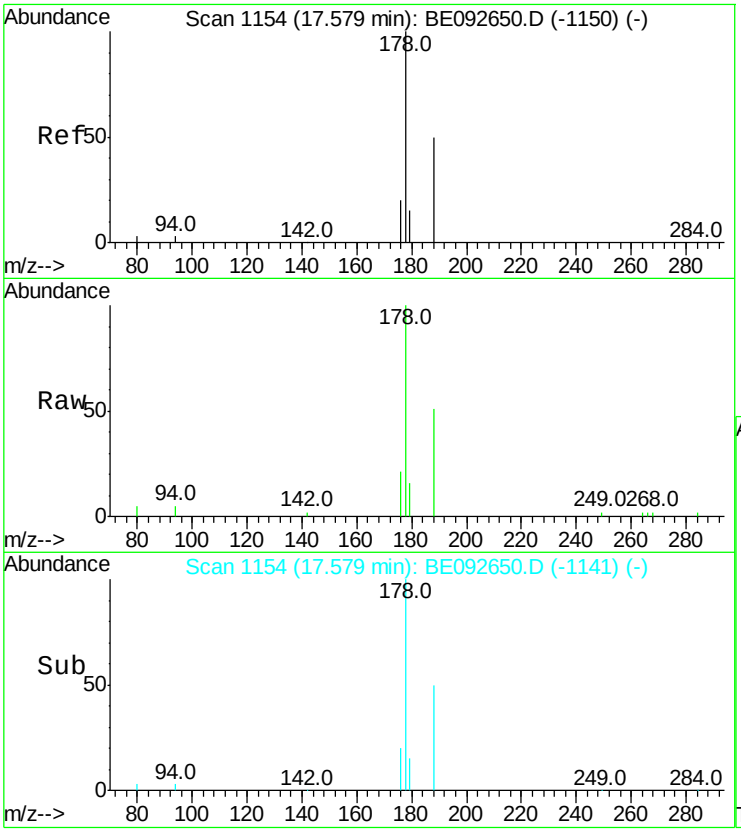


#20
Pentachlorophenol
Concen: 0.52 ng
RT: 17.23 min Scan# 1139
Delta R.T. 0.00 min
Lab File: BE092650.D
Acq: 16 Jan 2017 13:52

Tgt Ion:266 Resp: 236

Ion	Ratio	Lower	Upper
266	100		
268	84.8	62.5	93.7
264	77.1	57.2	85.8



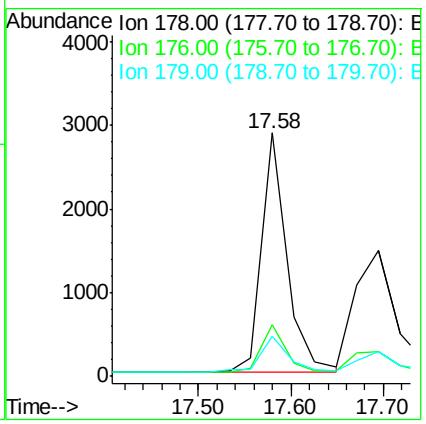


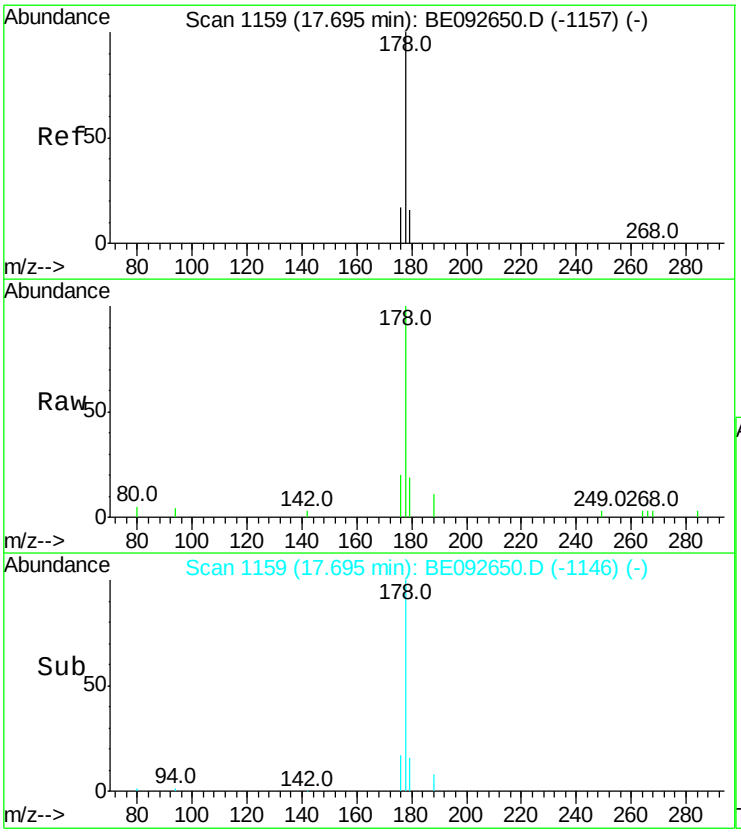
#21
Phenanthrene
Concen: 0.34 ng
RT: 17.58 min Scan# 1154
Delta R.T. 0.00 min
Lab File: BE092650.D
Acq: 16 Jan 2017 13:52

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:178 Resp: 5365

Ion	Ratio	Lower	Upper
178	100		
176	19.4	15.8	23.8
179	16.1	16.0	24.0

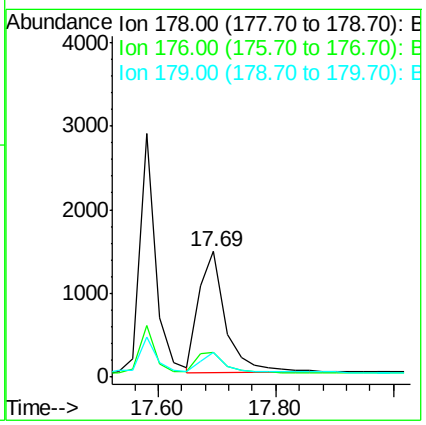


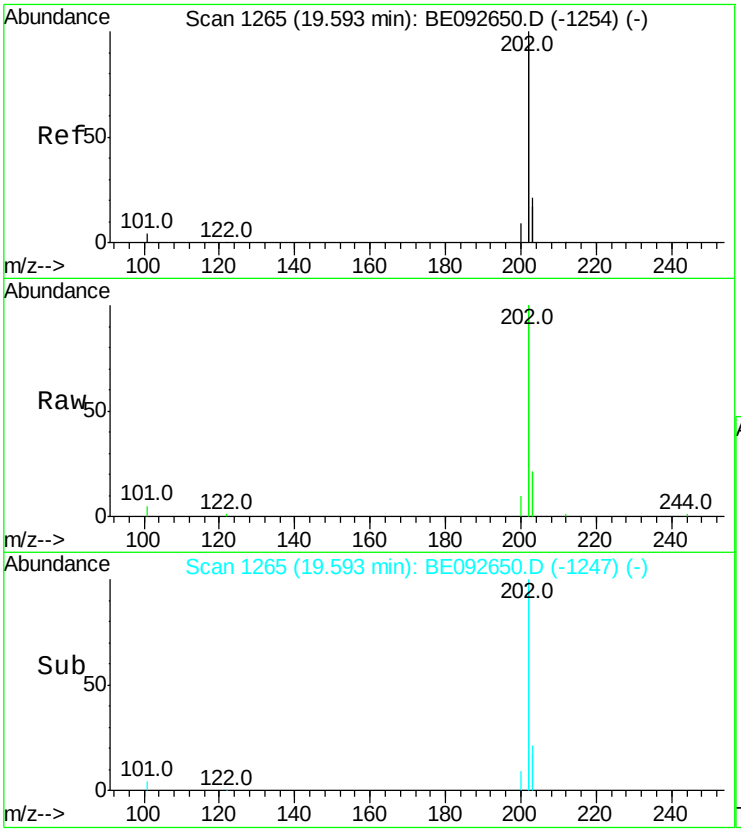


#22
Anthracene
Concen: 0.32 ng
RT: 17.69 min Scan# 1159
Delta R.T. 0.00 min
Lab File: BE092650.D
Acq: 16 Jan 2017 13:52

Tgt Ion:178 Resp: 4565

Ion	Ratio	Lower	Upper
178	100		
176	18.9	15.0	22.4
179	15.8	12.2	18.2



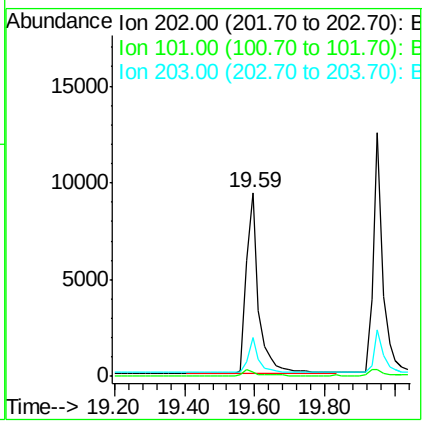


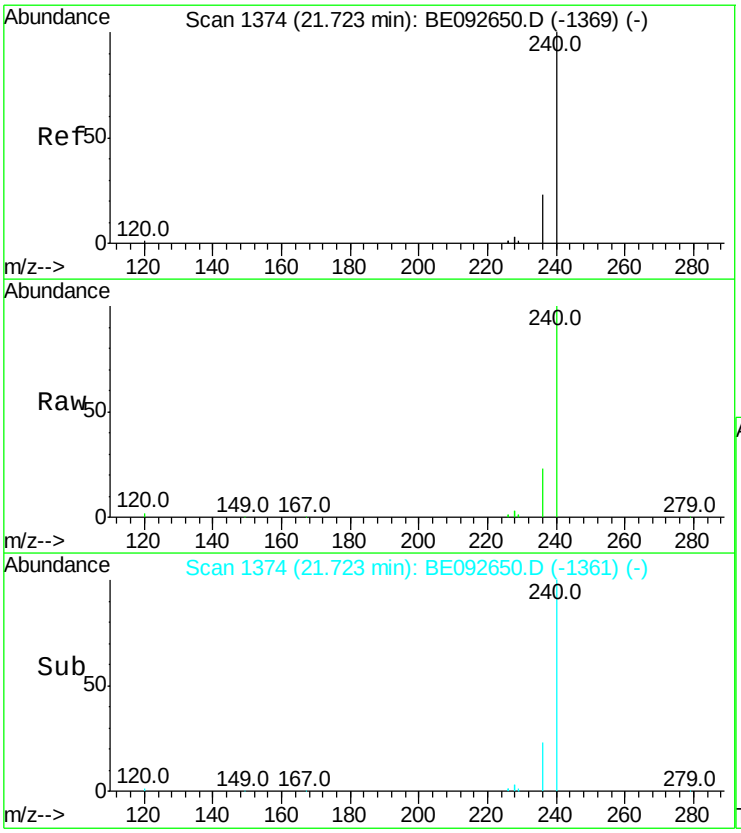
#23
Fluoranthene
Concen: 0.33 ng
RT: 19.59 min Scan# 1265
Delta R.T. 0.00 min
Lab File: BE092650.D
Acq: 16 Jan 2017 13:52

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:202 Resp: 22322

Ion	Ratio	Lower	Upper
202	100		
101	2.9	2.2	3.4
203	17.4	13.7	20.5

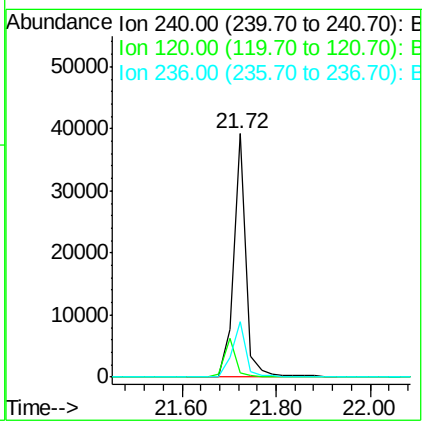


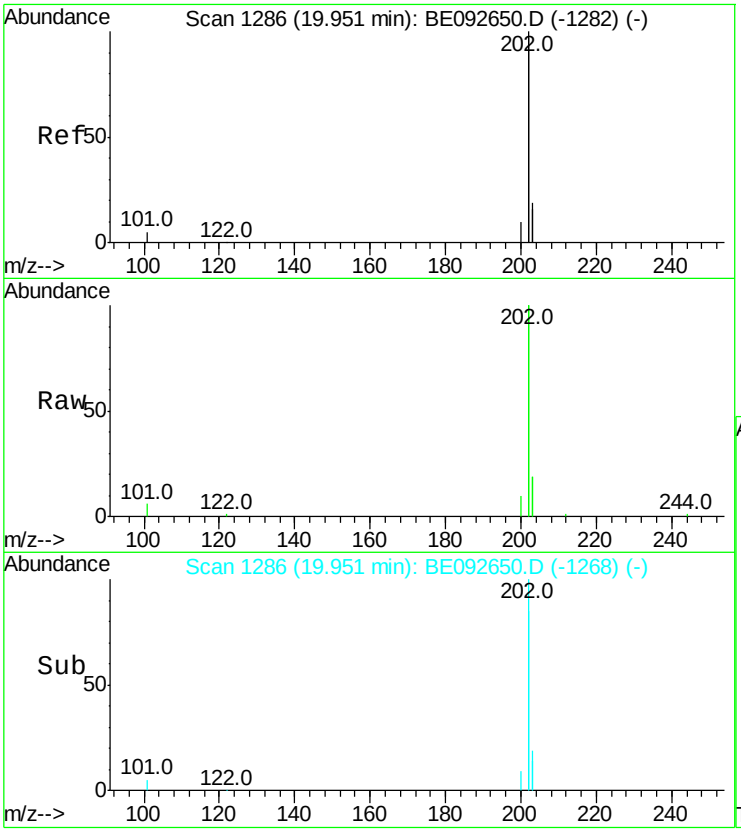


#24
Chrysene-d12
Concen: 5.00 ng
RT: 21.72 min Scan# 1374
Delta R.T. 0.00 min
Lab File: BE092650.D
Acq: 16 Jan 2017 13:52

Tgt Ion:240 Resp: 71501

Ion	Ratio	Lower	Upper
240	100		
120	1.6	2.6	4.0#
236	23.0	24.6	37.0#



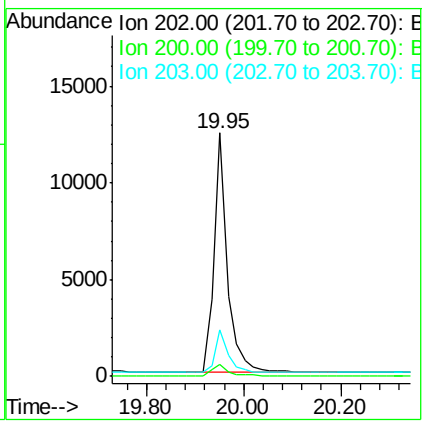


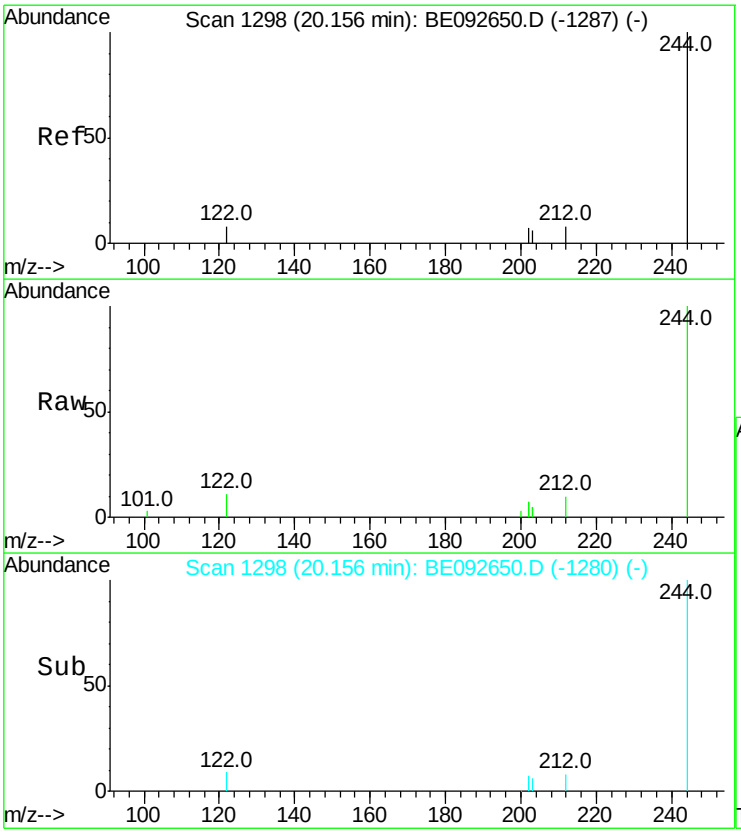
#25
Pyrene
Concen: 0.37 ng
RT: 19.95 min Scan# 1286
Delta R.T. 0.00 min
Lab File: BE092650.D
Acq: 16 Jan 2017 13:52

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:202 Resp: 23520

Ion	Ratio	Lower	Upper
202	100		
200	5.2	4.2	6.4
203	17.6	13.9	20.9

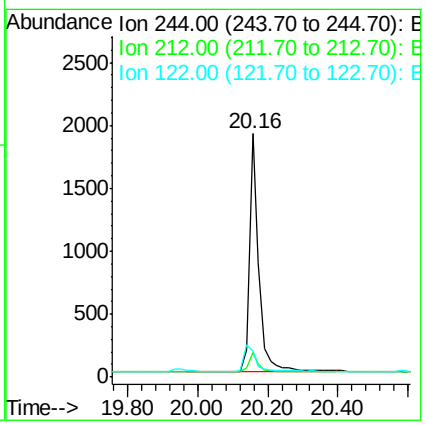


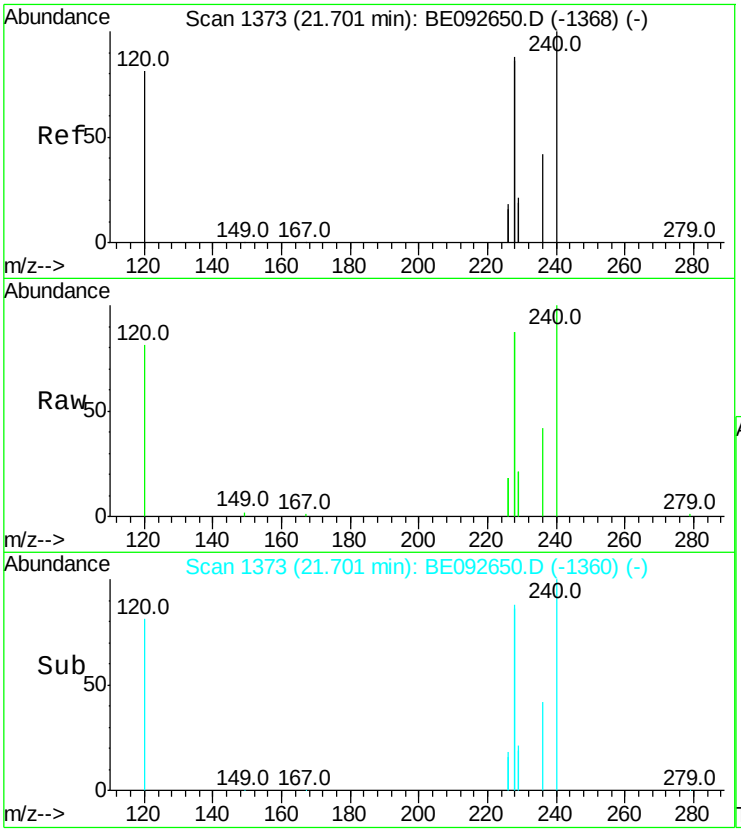


#26
Terphenyl-d14
Concen: 0.40 ng
RT: 20.16 min Scan# 1298
Delta R.T. 0.00 min
Lab File: BE092650.D
Acq: 16 Jan 2017 13:52

Tgt Ion:244 Resp: 3470

Ion	Ratio	Lower	Upper
244	100		
212	10.4	6.7	10.1#
122	10.8	3.6	5.4#



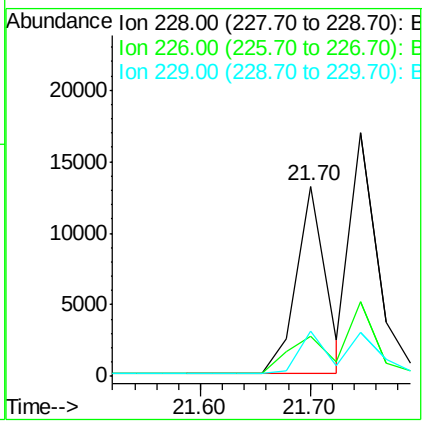


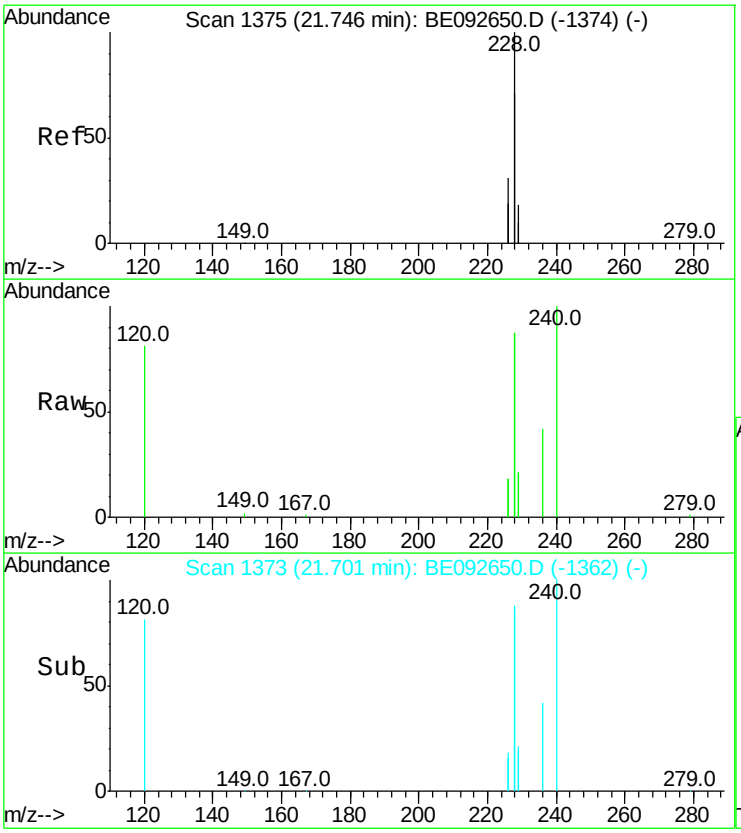
#27
Benzo(a)anthracene
Concen: 0.38 ng
RT: 21.70 min Scan# 1373
Delta R.T. 0.00 min
Lab File: BE092650.D
Acq: 16 Jan 2017 13:52

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:228 Resp: 24306

Ion	Ratio	Lower	Upper
228	100		
226	20.8	23.6	35.4#
229	24.1	13.3	19.9#

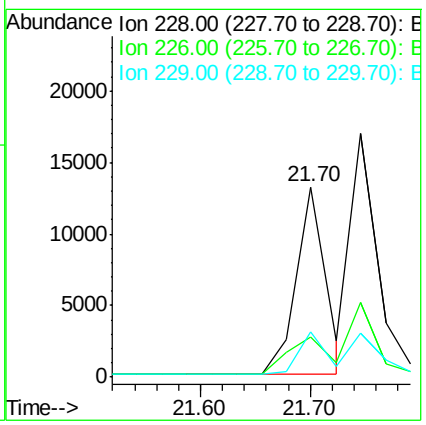


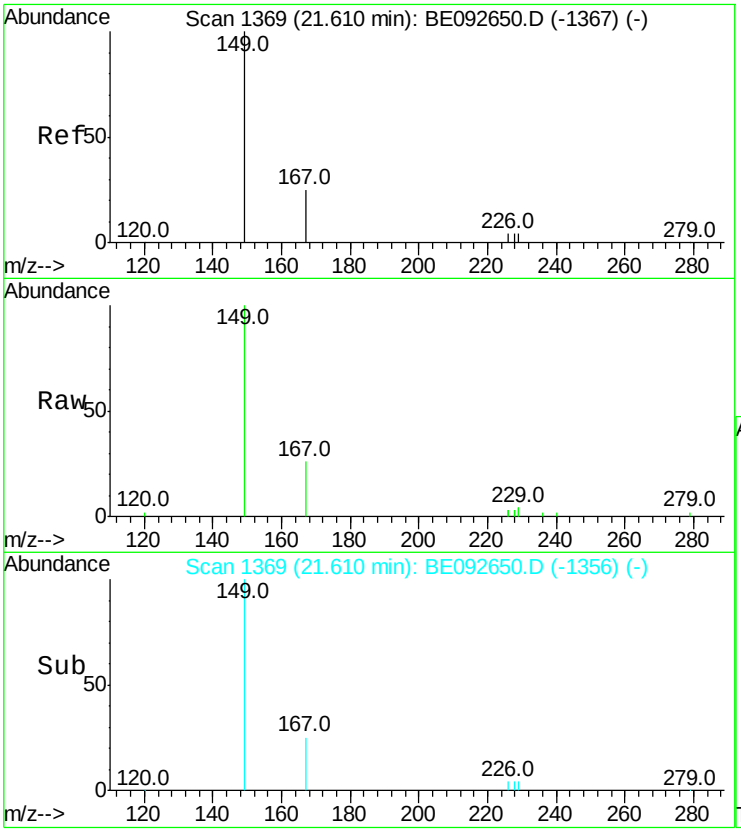


#28
Chrysene
Concen: 0.33 ng
RT: 21.70 min Scan# 1373
Delta R.T. -0.05 min
Lab File: BE092650.D
Acq: 16 Jan 2017 13:52

Tgt Ion:228 Resp: 24306

Ion	Ratio	Lower	Upper
228	100		
226	20.8	36.3	54.5#
229	24.1	10.6	16.0#



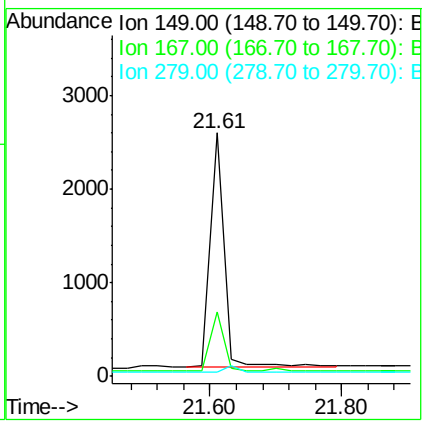


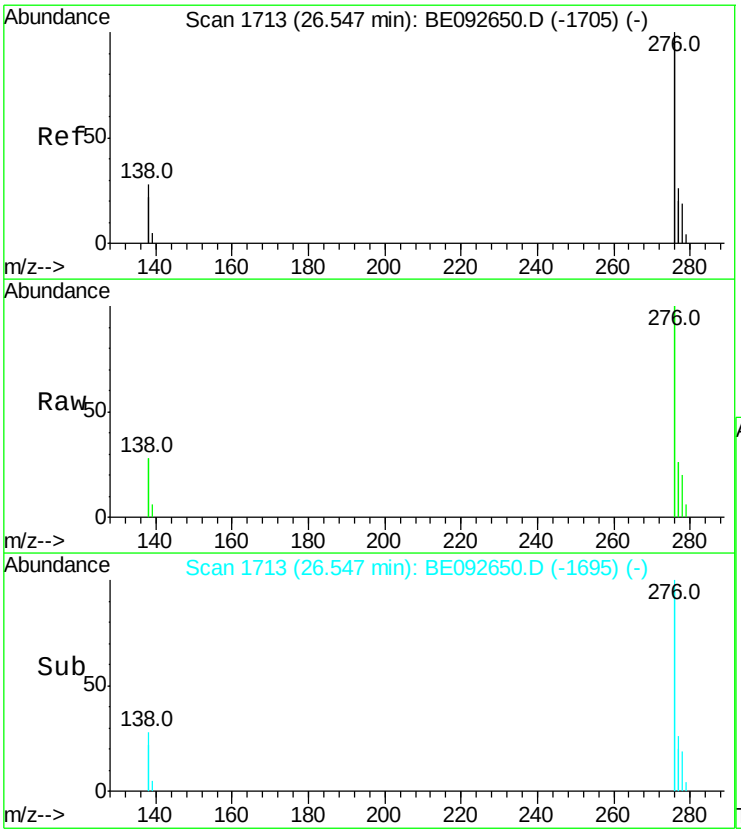
#29
Bis(2-ethylhexyl)phthalate
Concen: 0.54 ng
RT: 21.61 min Scan# 1369
Delta R.T. 0.00 min
Lab File: BE092650.D
Acq: 16 Jan 2017 13:52

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:149 Resp: 3737

Ion	Ratio	Lower	Upper
149	100		
167	24.6	16.0	24.0#
279	0.0	16.0	24.0#

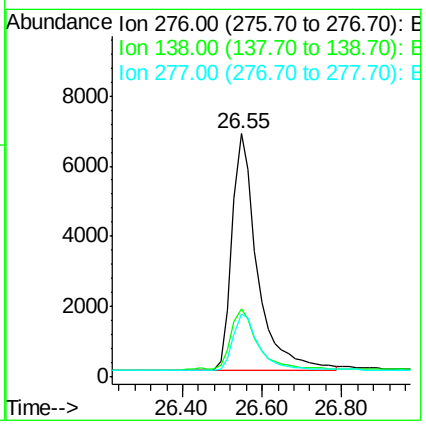


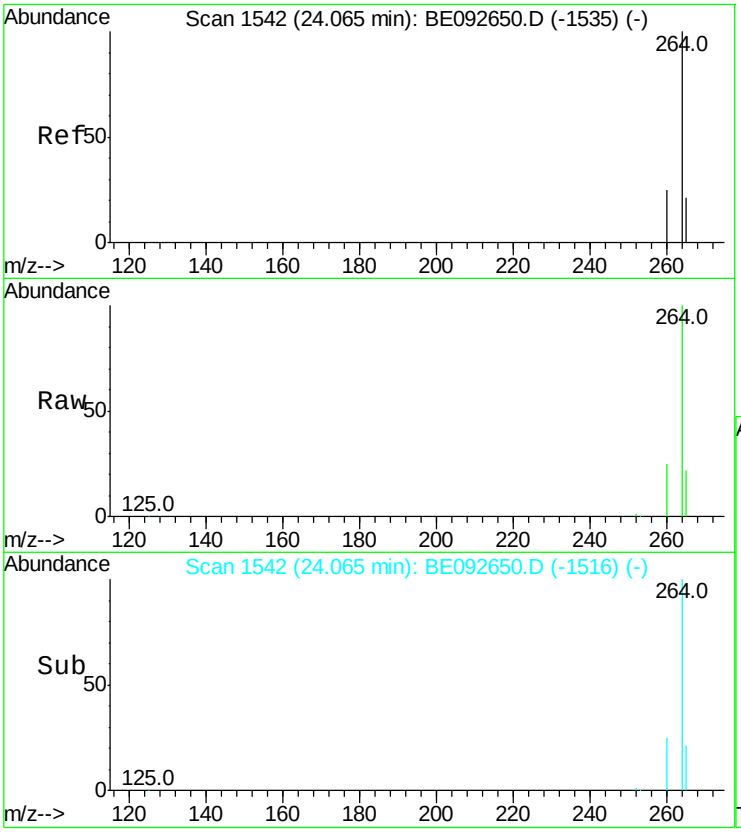


#30
Indeno(1,2,3-cd)pyrene
Concen: 0.45 ng
RT: 26.55 min Scan# 1713
Delta R.T. 0.00 min
Lab File: BE092650.D
Acq: 16 Jan 2017 13:52

Tgt Ion:276 Resp: 29966

Ion	Ratio	Lower	Upper
276	100		
138	27.6	20.3	30.5
277	24.6	19.7	29.5



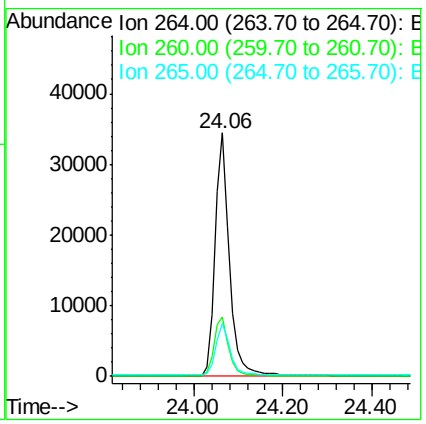


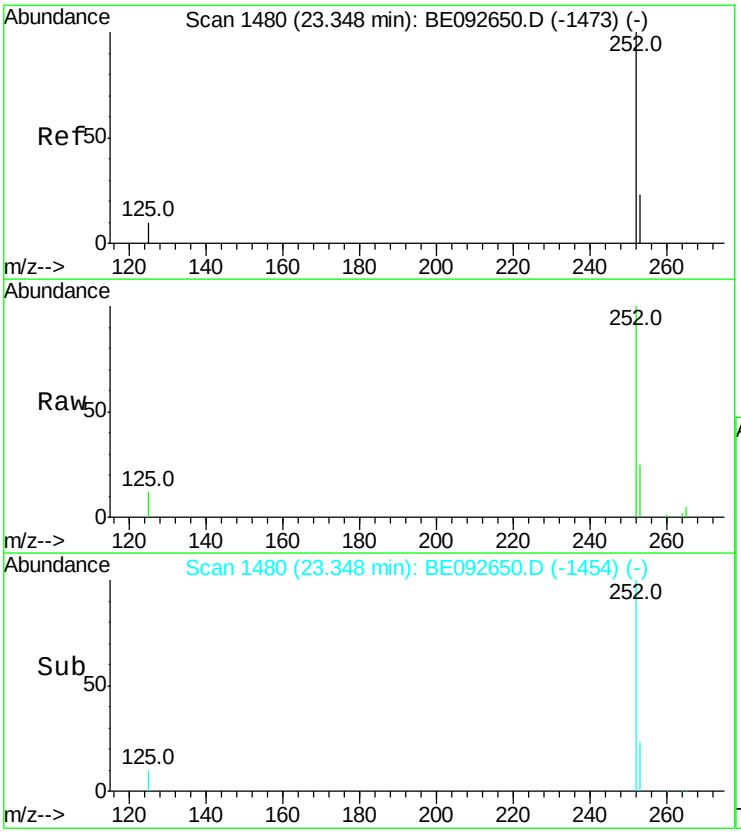
#31
Perylene-d12
Concen: 5.00 ng
RT: 24.06 min Scan# 1542
Delta R.T. 0.00 min
Lab File: BE092650.D
Acq: 16 Jan 2017 13:52

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:264 Resp: 77425

Ion	Ratio	Lower	Upper
264	100		
260	24.6	20.1	30.1
265	21.9	17.9	26.9

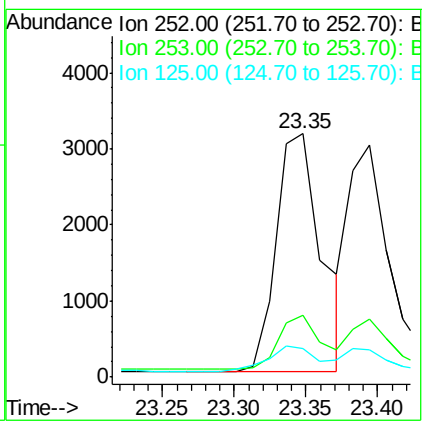


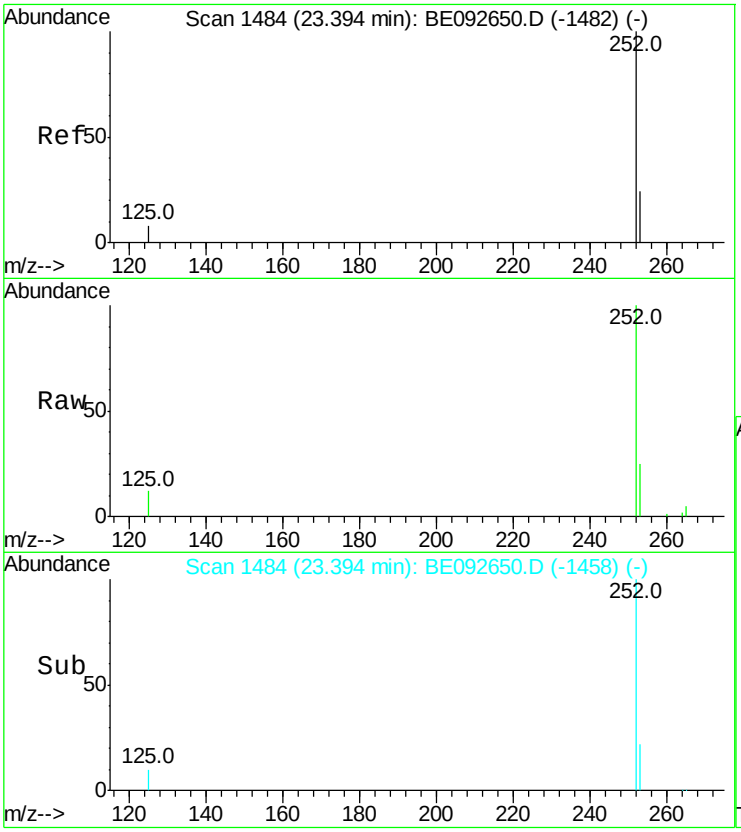


#32
Benzo(b)fluoranthene
Concen: 0.39 ng
RT: 23.35 min Scan# 1480
Delta R.T. 0.00 min
Lab File: BE092650.D
Acq: 16 Jan 2017 13:52

Tgt Ion:252 Resp: 6884

Ion	Ratio	Lower	Upper
252	100		
253	25.4	18.7	28.1
125	11.8	10.5	15.7



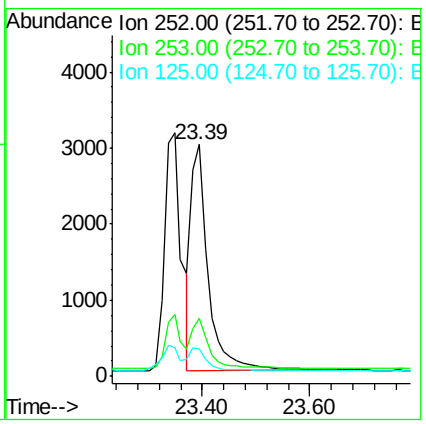


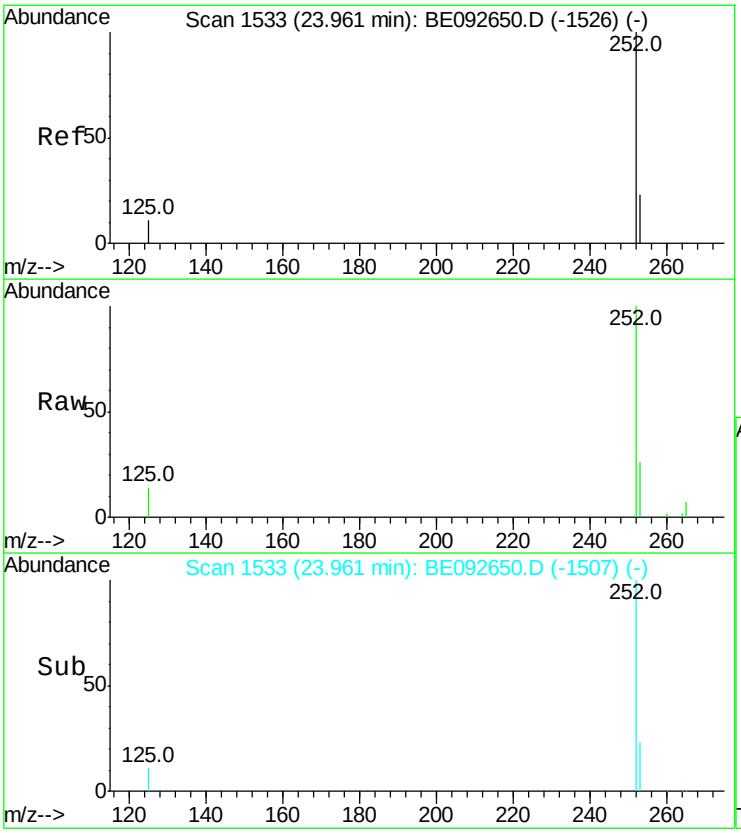
#33
Benzo(k)fluoranthene
Concen: 0.33 ng
RT: 23.39 min Scan# 1484
Delta R.T. 0.00 min
Lab File: BE092650.D
Acq: 16 Jan 2017 13:52

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:252 Resp: 6462

Ion	Ratio	Lower	Upper
252	100		
253	25.0	20.3	30.5
125	11.8	9.6	14.4

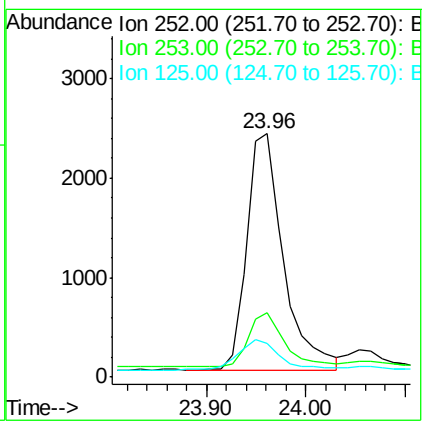


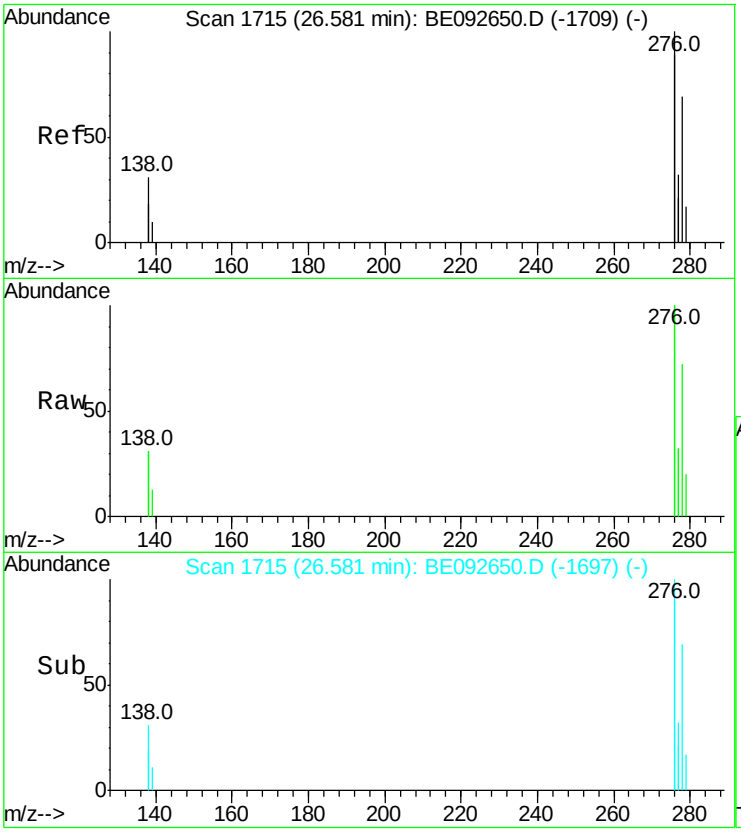


#34
Benzo(a)pyrene
Concen: 0.35 ng
RT: 23.96 min Scan# 1533
Delta R.T. 0.00 min
Lab File: BE092650.D
Acq: 16 Jan 2017 13:52

Tgt Ion:252 Resp: 6076

Ion	Ratio	Lower	Upper
252	100		
253	26.4	19.0	28.6
125	13.6	11.8	17.8



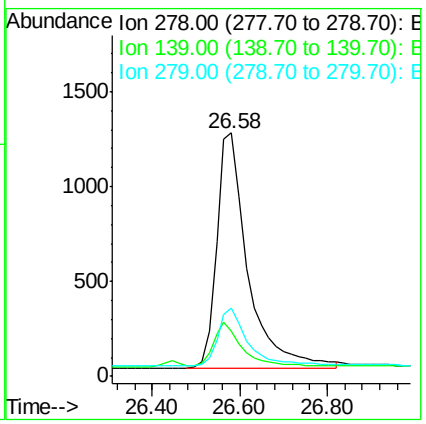


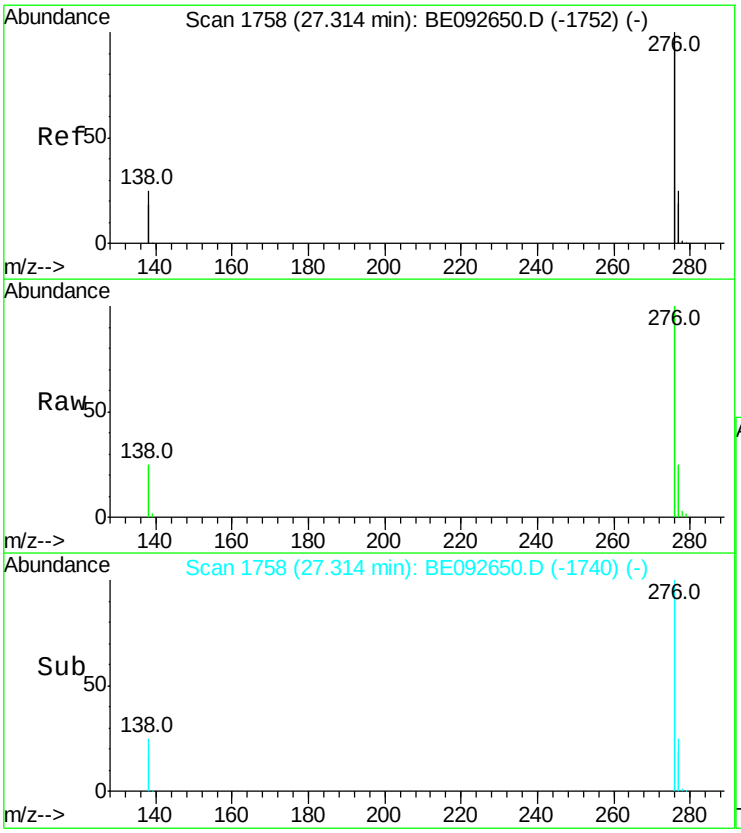
#35
Dibenzo(a,h)anthracene
Concen: 0.37 ng
RT: 26.58 min Scan# 1715
Delta R.T. 0.00 min
Lab File: BE092650.D
Acq: 16 Jan 2017 13:52

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:278 Resp: 6101

Ion	Ratio	Lower	Upper
278	100		
139	18.7	13.8	20.8
279	27.8	21.4	32.2





#36
Benzo(g,h,i)perylene
Concen: 0.38 ng
RT: 27.31 min Scan# 1758
Delta R.T. 0.00 min
Lab File: BE092650.D
Acq: 16 Jan 2017 13:52

Tgt Ion:276 Resp: 26252

Ion	Ratio	Lower	Upper
276	100		
277	25.4	19.8	29.8
138	24.8	19.8	29.6