Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA E\DATA\BE011617\
Data File : BE092649.D
Acq On : 16 Jan 2017 13:17
Operator : UM/SJ
Sample : SSTDICC0.2
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument : BNA_E
ClientSampleId :

Quant Time: Jan 16 15:34:25 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	11932	5.00	ng		0.00
7) Naphthalene-d8	10.91	136	56677	5.00	ng		0.00
12) Acenaphthene-d10	14.78	164	37103	5.00	ng		0.00
18) Phenanthrene-d10	17.53	188	81117	5.00	ng		0.00
24) Chrysene-d12	21.72	240	86920	5.00	ng		0.00
31) Perylene-d12	24.06	264	98450	5.00	ng		0.00
System Monitoring Compounds							
4) 2-Fluorophenol	5.65	112	459	0.25	ng		0.00
5) Phenol-d6	7.34	99	572	0.22	ng		0.00
8) Nitrobenzene-d5	9.20	82	68	0.02	ng		-0.14
13) 2,4,6-Tribromophenol	16.30	330	150	0.18	ng		0.00
14) 2-Fluorobiphenyl	13.42	172	1638	0.18	ng		0.00
26) Terphenyl-d14	20.16	244	2144	0.20	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.37	88	438	0.25	ng	#	84
3) n-Nitrosodimethylamine	3.76	42	361	0.25	ng	#	94
6) bis(2-Chloroethyl)ether	7.57	93	639	0.24	ng	#	81
9) Naphthalene	10.97	128	2172	0.19	ng		94
10) Hexachlorobutadiene	11.26	225	318	0.18	ng		100
11) 2-Methylnaphthalene	12.62	142	1273	0.17	ng		97
15) Acenaphthylene	14.51	152	8744	0.17	ng		99
16) Acenaphthene	14.85	154	1601	0.19	ng		93
17) Fluorene	15.84	166	1829	0.18	ng		100
19) Hexachlorobenzene	16.87	284	1687	0.49	ng	#	53
20) Pentachlorophenol	17.23	266	142	0.24	ng		91
21) Phenanthrene	17.58	178	3395	0.17	ng		97
22) Anthracene	17.69	178	2833	0.15	ng		98
23) Fluoranthene	19.59	202	14199	0.16	ng		99
25) Pyrene	19.95	202	14847	0.19	ng		99
27) Benzo(a)anthracene	21.75	228	34379	0.44	ng		96
28) Chrysene	21.75	228	34529	0.38	ng	#	76
29) Bis(2-ethylhexyl)phthalate	21.61	149	2502	0.30	ng	#	72
30) Indeno(1,2,3-cd)pyrene	26.57	276	18170	0.22	ng		99
32) Benzo(b)fluoranthene	23.35	252	4102	0.18	ng		94
33) Benzo(k)fluoranthene	23.39	252	4165	0.17	ng		98
34) Benzo(a)pyrene	23.96	252	3780	0.17	ng		94
35) Dibenzo(a,h)anthracene	26.58	278	3645	0.18	ng	#	93
36) Benzo(g,h,i)perylene	27.31	276	15979	0.18	ng		95

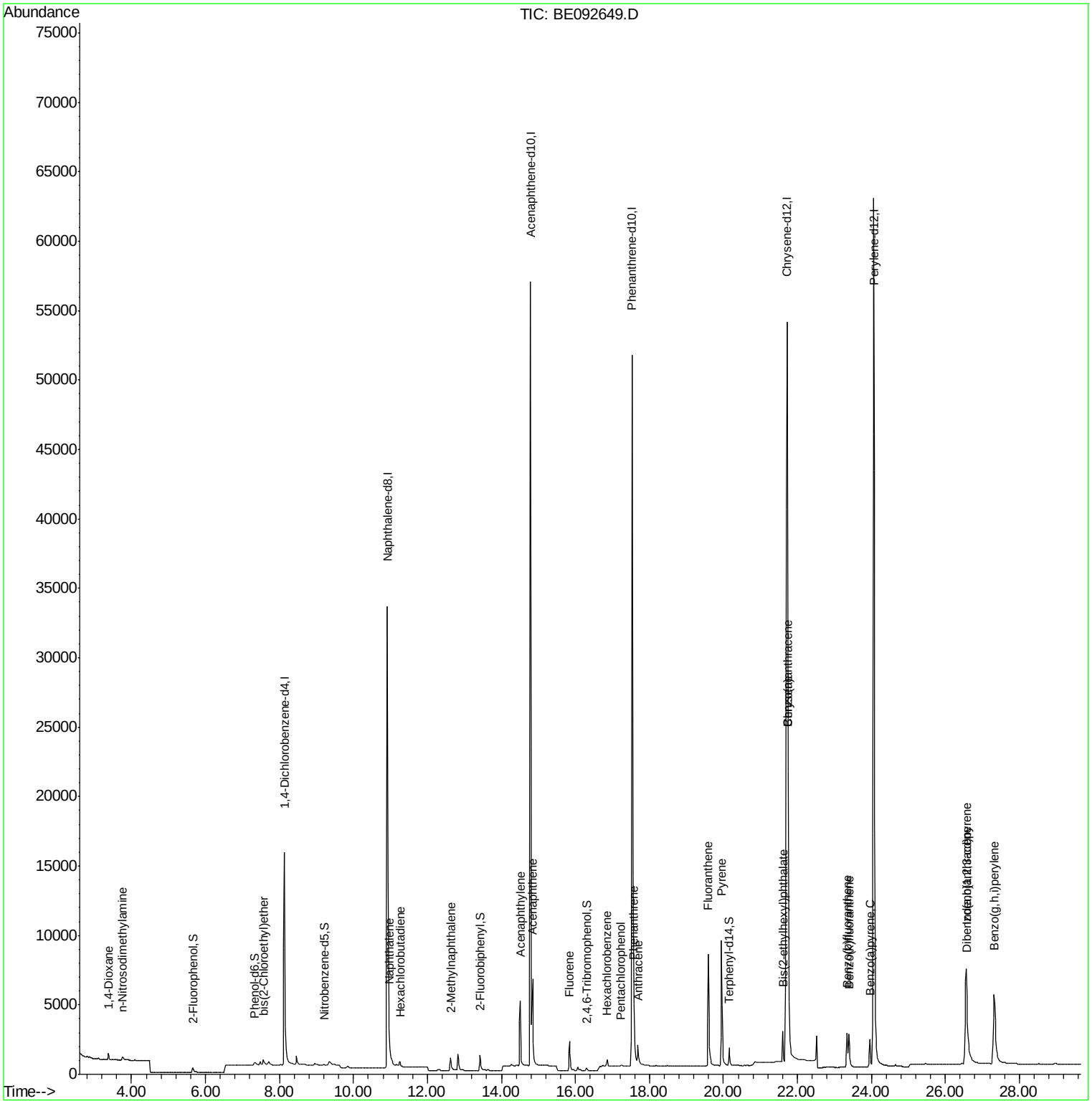
(#) = qualifier out of range (m) = manual integration (+) = signals summed

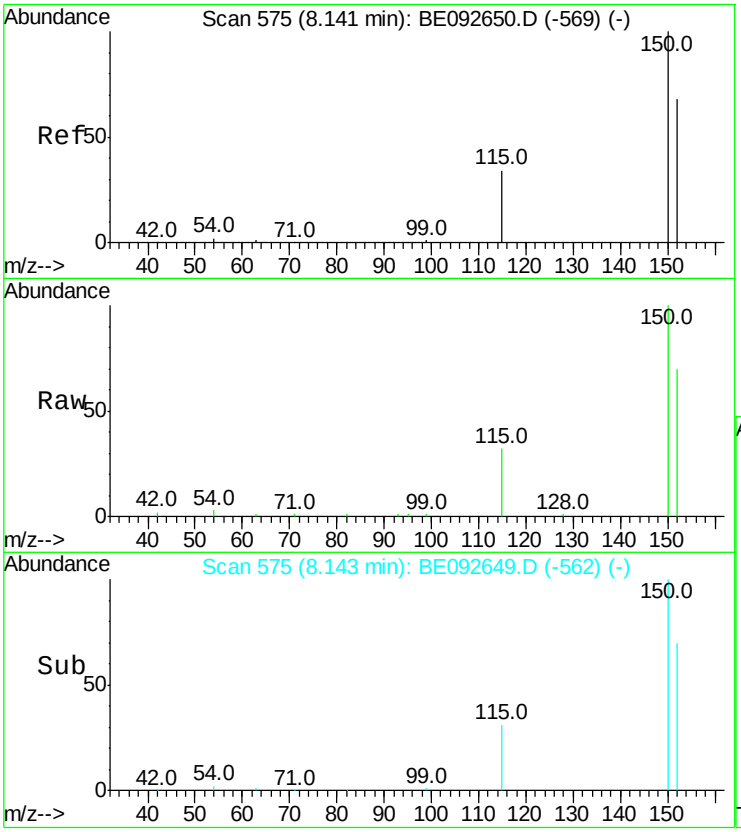
Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA E\DATA\BE011617\
Data File : BE092649.D
Acq On : 16 Jan 2017 13:17
Operator : UM/SJ
Sample : SSTDICC0.2
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument :
BNA_E
ClientSampleId :

Quant Time: Jan 16 15:34:25 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



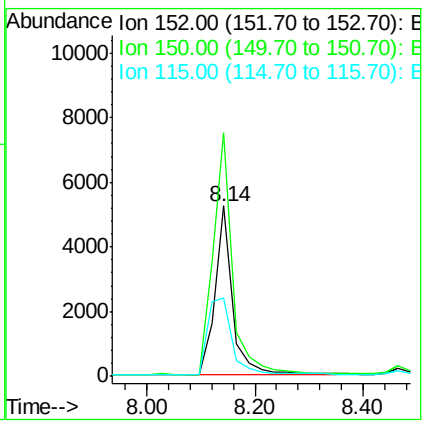


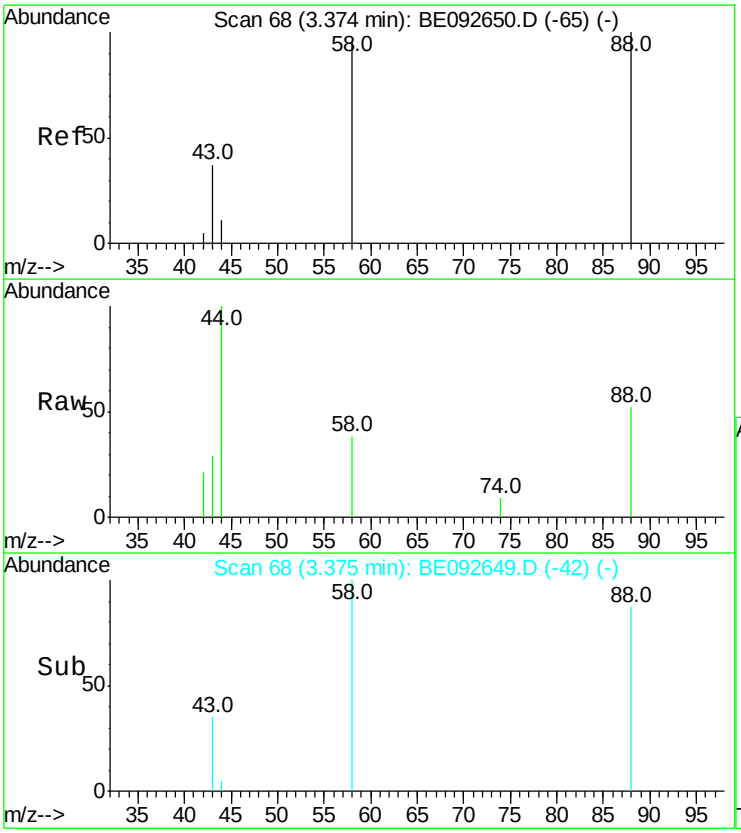
#1
1,4-Dichlorobenzene-d4
Concen: 5.00 ng
RT: 8.14 min Scan# 575
Delta R.T. 0.00 min
Lab File: BE092649.D
Acq: 16 Jan 2017 13:17

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:152 Resp: 11932

Ion	Ratio	Lower	Upper
152	100		
150	143.1	106.0	159.0
115	45.8	31.2	46.8

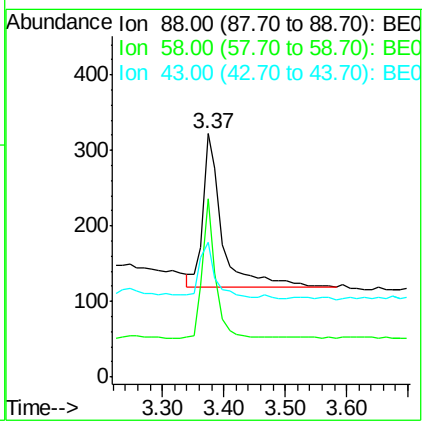


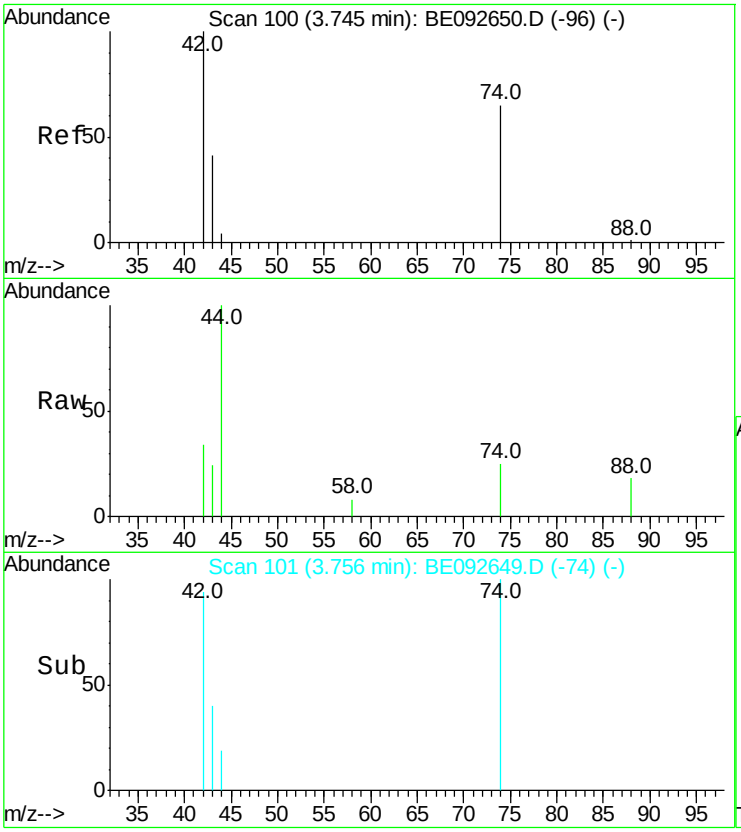


#2
1,4-Dioxane
Concen: 0.25 ng
RT: 3.37 min Scan# 68
Delta R.T. 0.00 min
Lab File: BE092649.D
Acq: 16 Jan 2017 13:17

Tgt Ion: 88 Resp: 438

Ion	Ratio	Lower	Upper
88	100		
58	63.5	63.6	95.4#
43	28.5	28.0	42.0



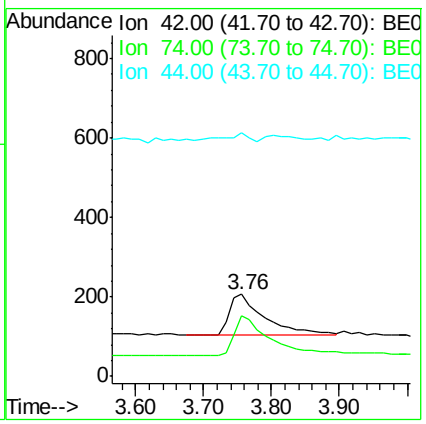


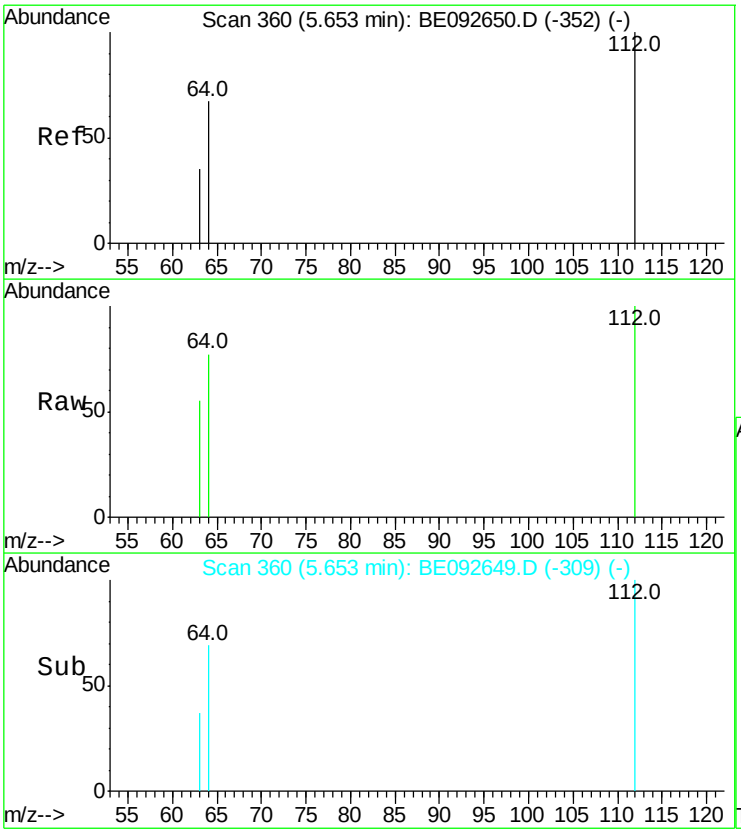
#3
n-Nitrosodimethylamine
Concen: 0.25 ng
RT: 3.76 min Scan# 101
Delta R.T. 0.01 min
Lab File: BE092649.D
Acq: 16 Jan 2017 13:17

Instrument :
BNA_E
ClientSampleId :

Tgt Ion: 42 Resp: 361

Ion	Ratio	Lower	Upper
42	100		
74	112.5	86.0	129.0
44	12.7	5.1	7.7#

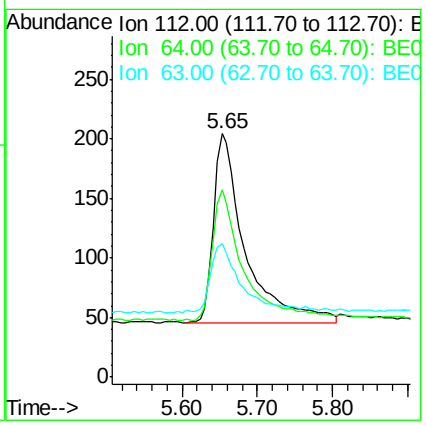


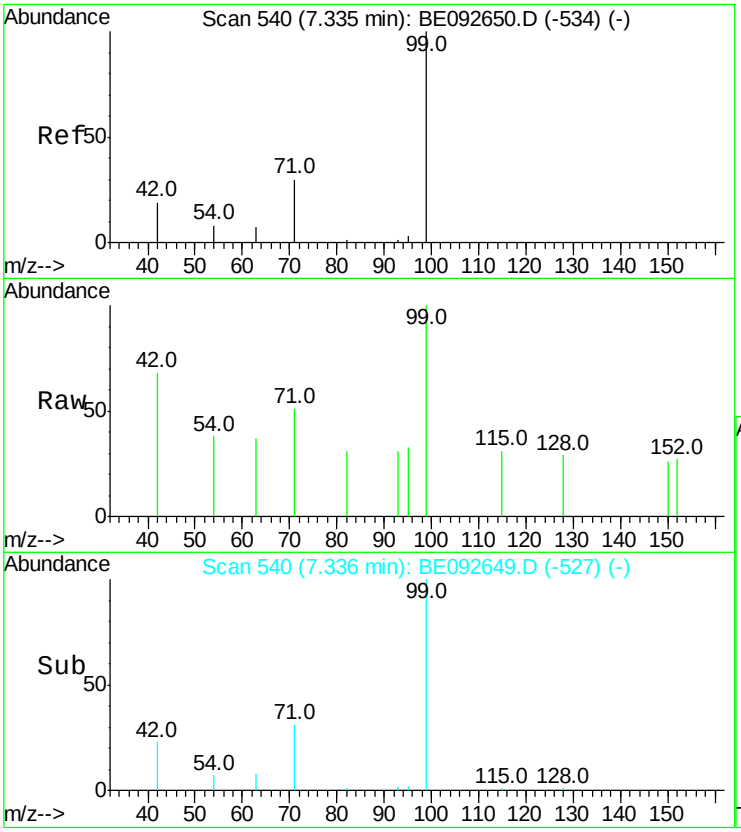


#4
2-Fluorophenol
Concen: 0.25 ng
RT: 5.65 min Scan# 360
Delta R.T. -0.00 min
Lab File: BE092649.D
Acq: 16 Jan 2017 13:17

Tgt Ion:112 Resp: 459

Ion	Ratio	Lower	Upper
112	100		
64	69.7	53.5	80.3
63	36.2	27.9	41.9



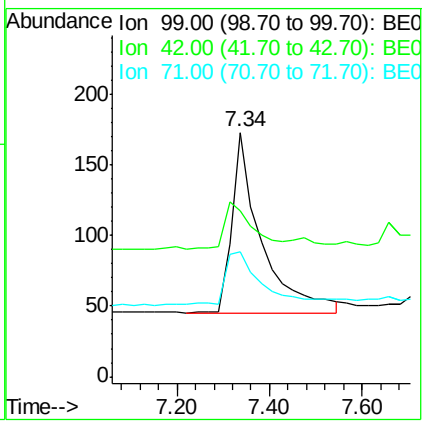


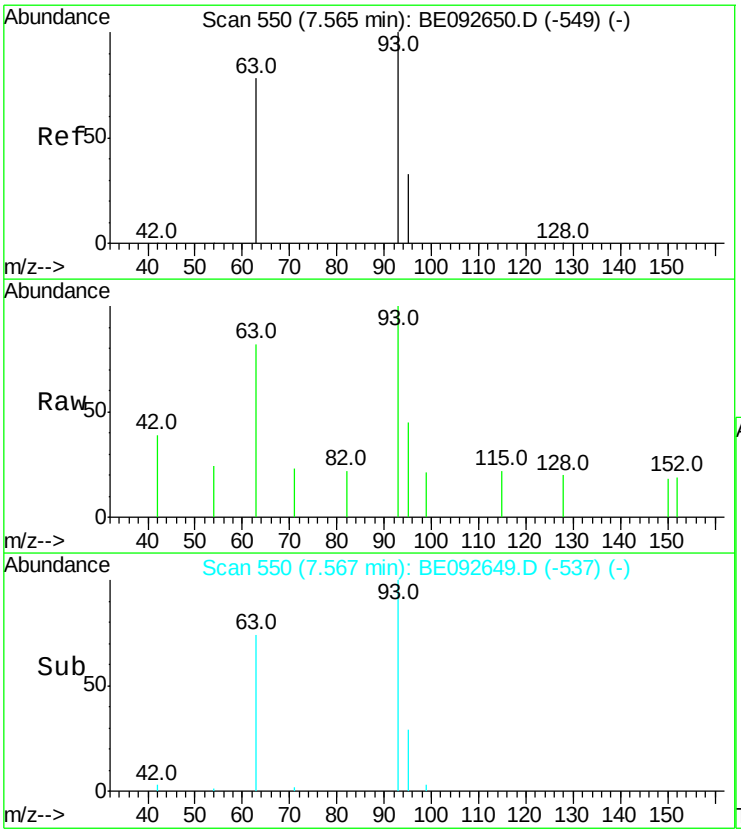
#5
Phenol-d6
Concen: 0.22 ng
RT: 7.34 min Scan# 540
Delta R.T. 0.00 min
Lab File: BE092649.D
Acq: 16 Jan 2017 13:17

Instrument :
BNA_E
ClientSampleId :

Tgt Ion: 99 Resp: 572

Ion	Ratio	Lower	Upper
99	100		
42	0.0	16.0	24.0#
71	38.6	30.6	45.8

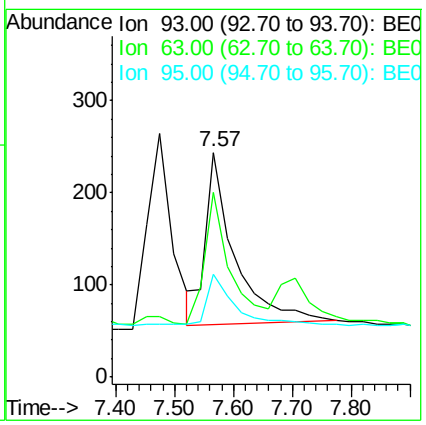


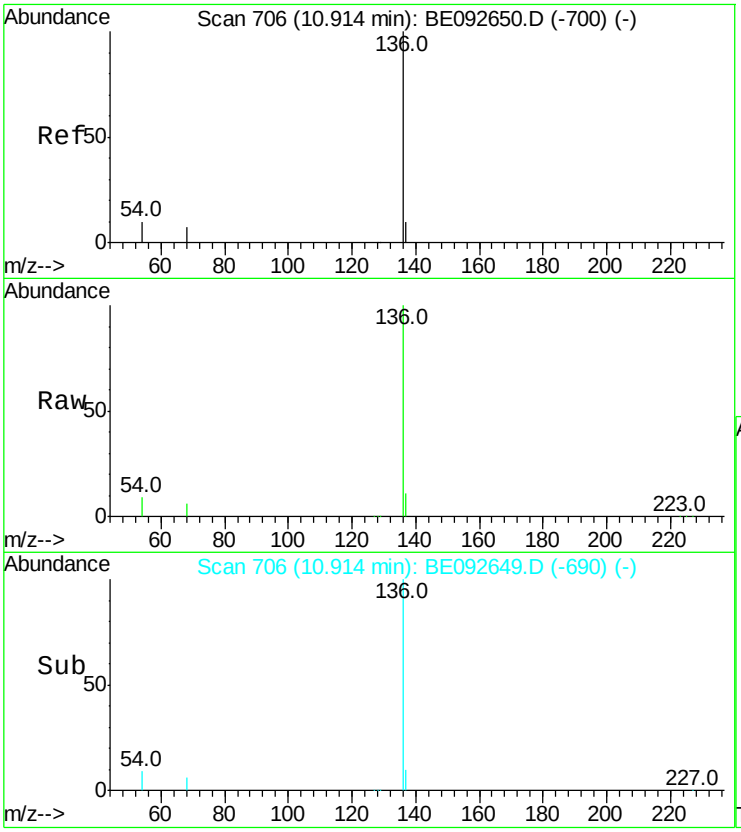


#6
bis(2-Chloroethyl)ether
Concen: 0.24 ng
RT: 7.57 min Scan# 550
Delta R.T. 0.00 min
Lab File: BE092649.D
Acq: 16 Jan 2017 13:17

Tgt Ion: 93 Resp: 639

Ion	Ratio	Lower	Upper
93	100		
63	66.4	71.6	107.4#
95	29.9	24.0	36.0



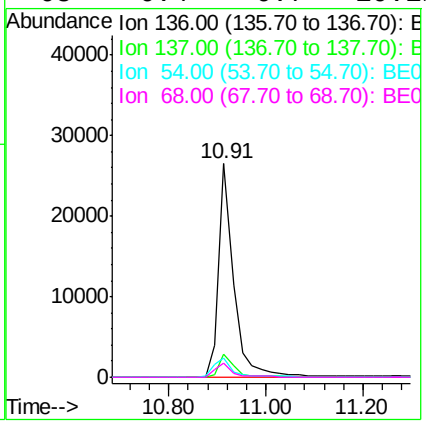


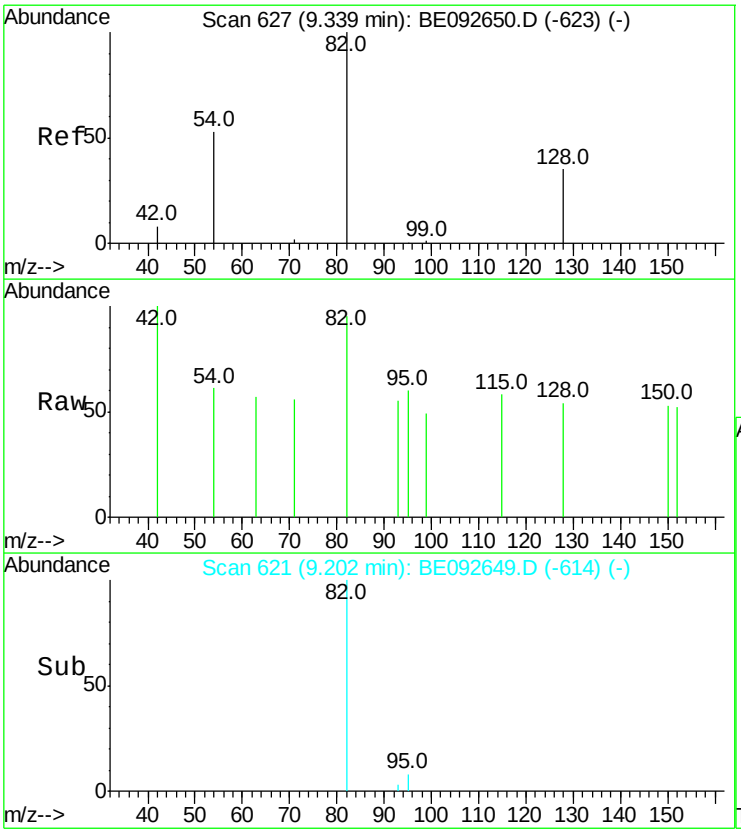
#7
Naphthalene-d8
Concen: 5.00 ng
RT: 10.91 min Scan# 706
Delta R.T. 0.00 min
Lab File: BE092649.D
Acq: 16 Jan 2017 13:17

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:136 Resp: 56677

Ion	Ratio	Lower	Upper
136	100		
137	10.6	8.2	12.4
54	9.1	9.6	14.4#
68	6.4	6.7	10.1#

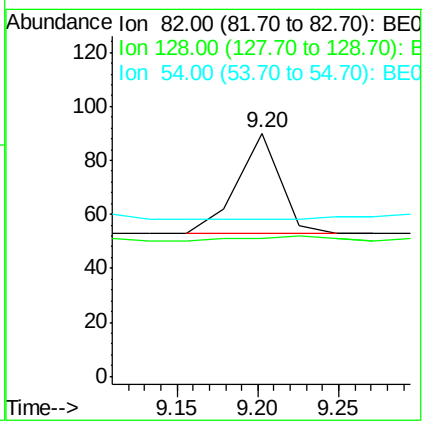


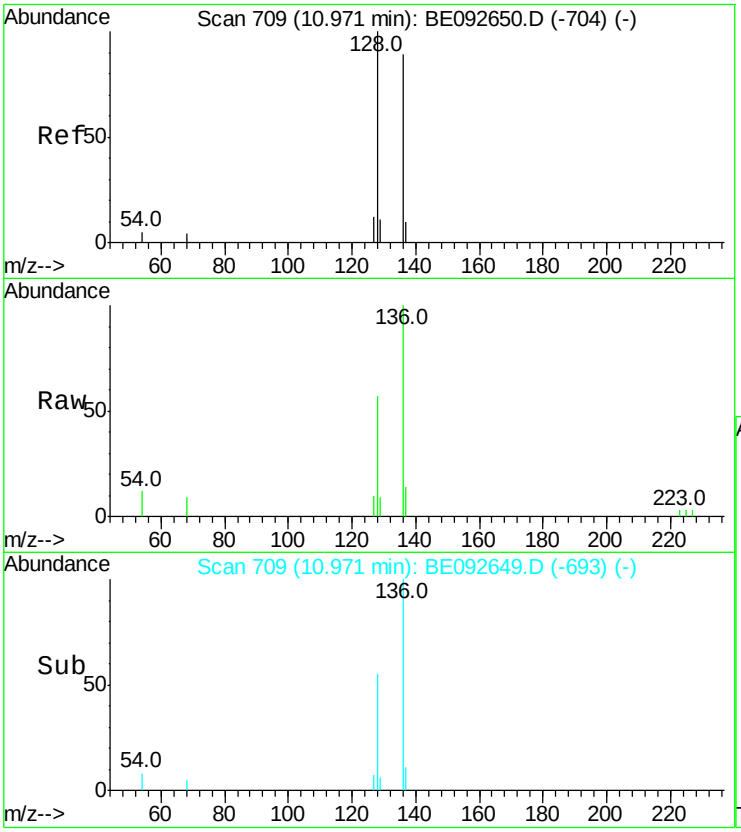


#8
Nitrobenzene-d5
Concen: 0.02 ng
RT: 9.20 min Scan# 621
Delta R.T. -0.14 min
Lab File: BE092649.D
Acq: 16 Jan 2017 13:17

Tgt Ion: 82 Resp: 68

Ion	Ratio	Lower	Upper
82	100		
128	56.7	39.0	58.4
54	64.4	44.8	67.2



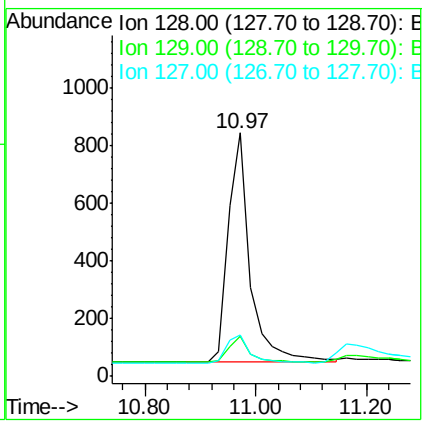


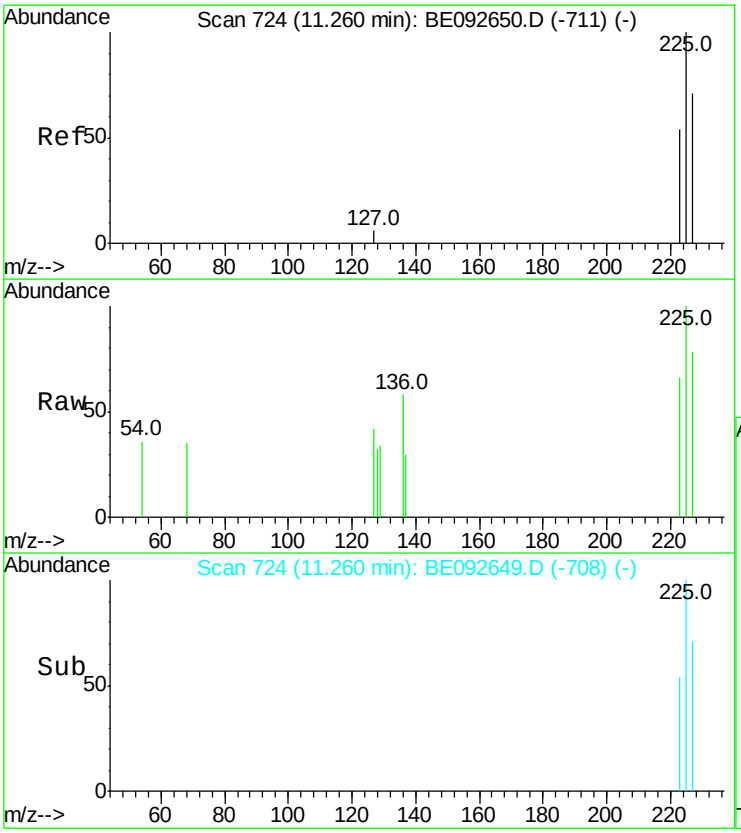
#9
Naphthalene
Concen: 0.19 ng
RT: 10.97 min Scan# 709
Delta R.T. 0.00 min
Lab File: BE092649.D
Acq: 16 Jan 2017 13:17

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:128 Resp: 2172

Ion	Ratio	Lower	Upper
128	100		
129	16.5	11.2	16.8
127	16.9	11.6	17.4

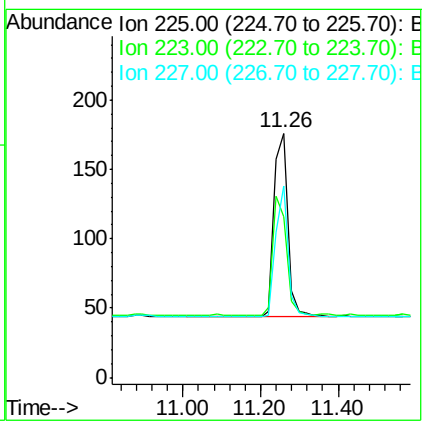


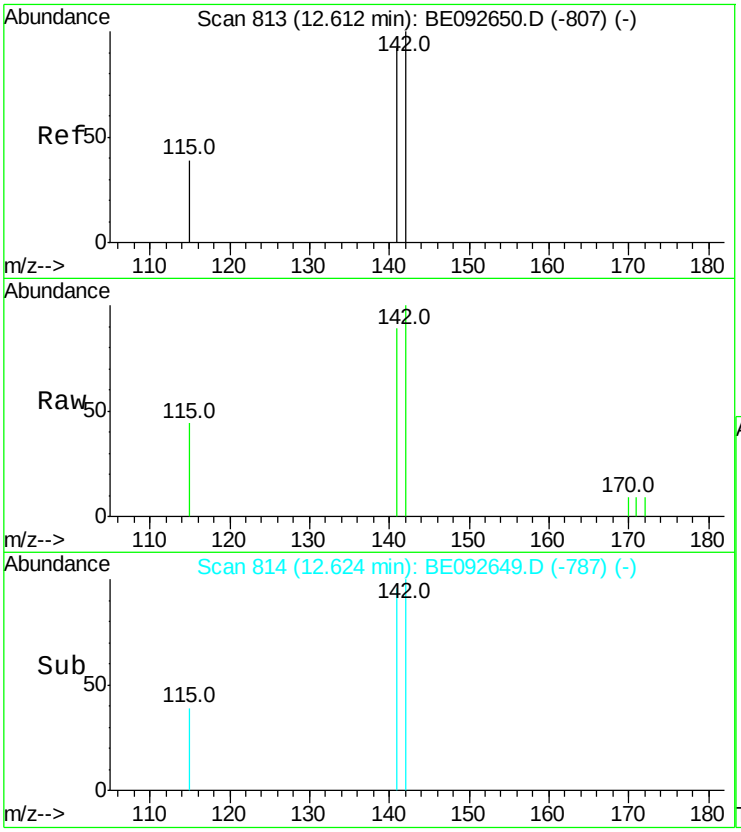


#10
Hexachlorobutadiene
Concen: 0.18 ng
RT: 11.26 min Scan# 724
Delta R.T. 0.00 min
Lab File: BE092649.D
Acq: 16 Jan 2017 13:17

Tgt Ion:225 Resp: 318

Ion	Ratio	Lower	Upper
225	100		
223	63.8	50.6	76.0
227	64.2	51.4	77.0



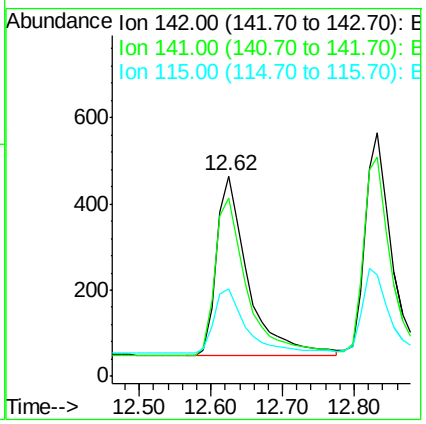


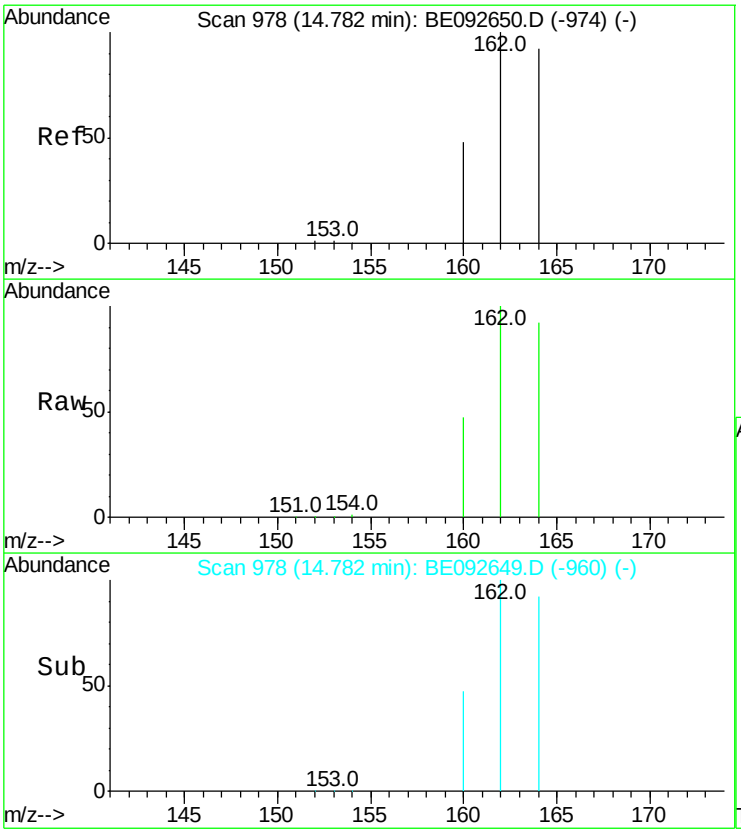
#11
2-Methylnaphthalene
Concen: 0.17 ng
RT: 12.62 min Scan# 814
Delta R.T. 0.01 min
Lab File: BE092649.D
Acq: 16 Jan 2017 13:17

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:142 Resp: 1273

Ion	Ratio	Lower	Upper
142	100		
141	89.0	73.7	110.5
115	43.7	34.0	51.0

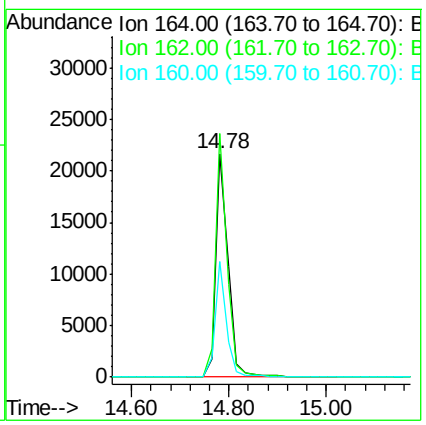


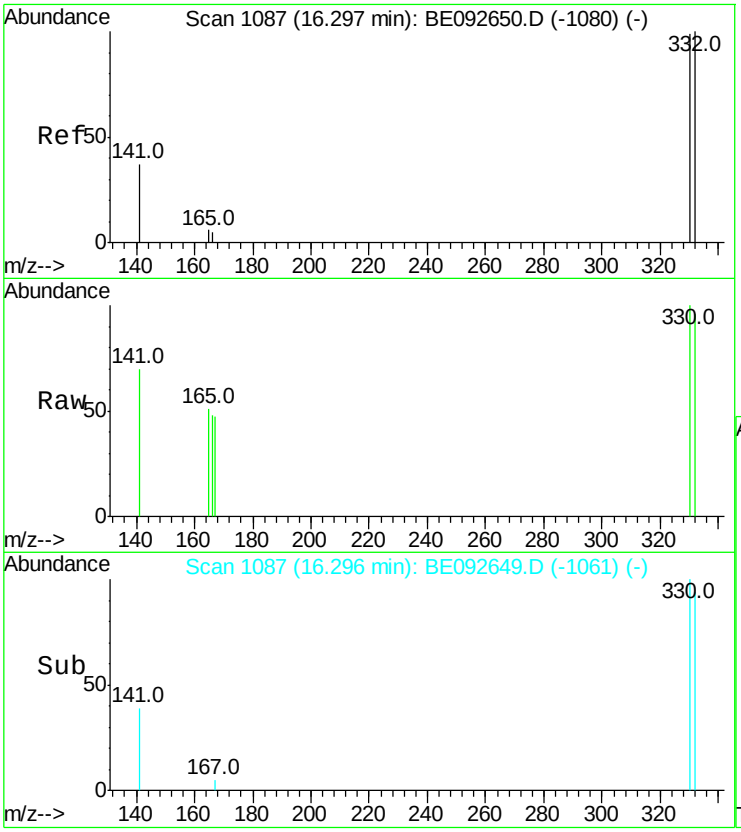


#12
Acenaphthene-d10
Concen: 5.00 ng
RT: 14.78 min Scan# 978
Delta R.T. 0.00 min
Lab File: BE092649.D
Acq: 16 Jan 2017 13:17

Tgt Ion:164 Resp: 37103

Ion	Ratio	Lower	Upper
164	100		
162	108.9	71.4	107.0#
160	51.7	27.4	41.2#



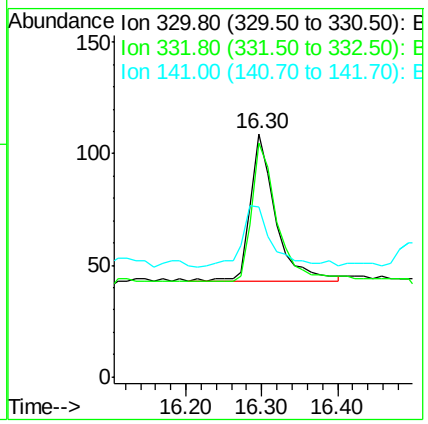


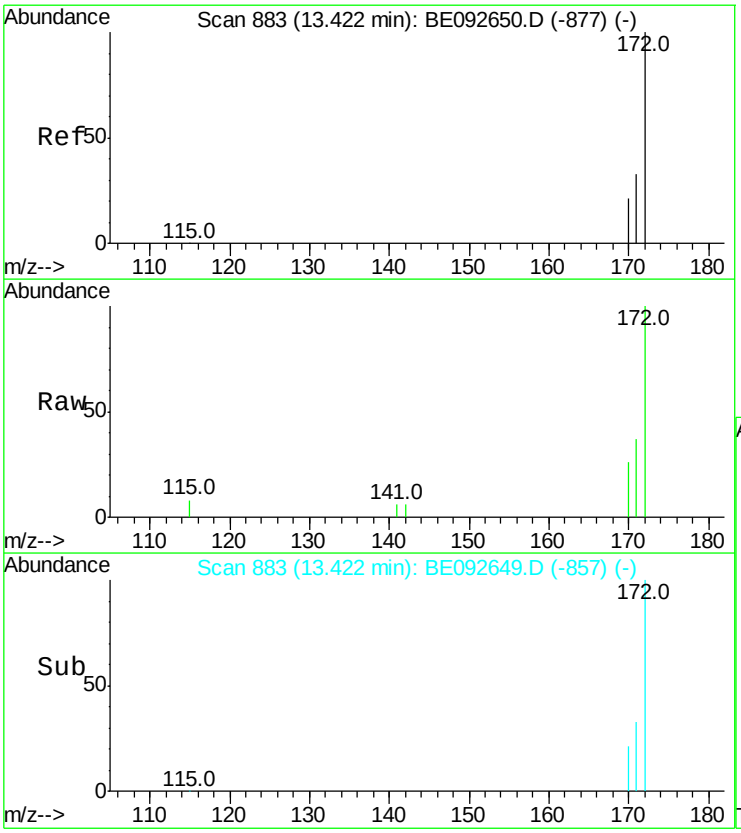
#13
2,4,6-Tribromophenol
Concen: 0.18 ng
RT: 16.30 min Scan# 1087
Delta R.T. -0.00 min
Lab File: BE092649.D
Acq: 16 Jan 2017 13:17

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:330 Resp: 150

Ion	Ratio	Lower	Upper
330	100		
332	96.0	75.4	113.0
141	51.3	31.0	46.6#

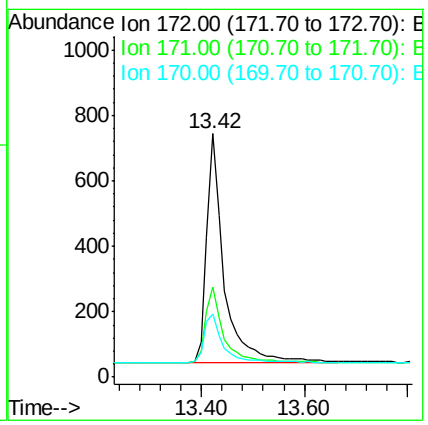


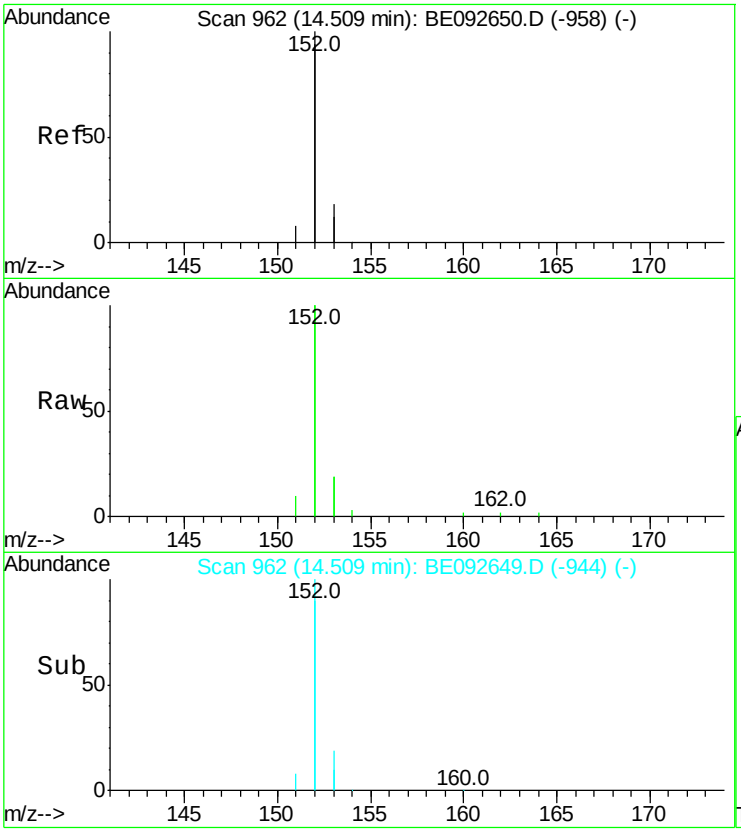


#14
2-Fluorobiphenyl
Concen: 0.18 ng
RT: 13.42 min Scan# 883
Delta R.T. 0.00 min
Lab File: BE092649.D
Acq: 16 Jan 2017 13:17

Tgt Ion:172 Resp: 1638

Ion	Ratio	Lower	Upper
172	100		
171	37.0	30.1	45.1
170	25.8	21.8	32.6



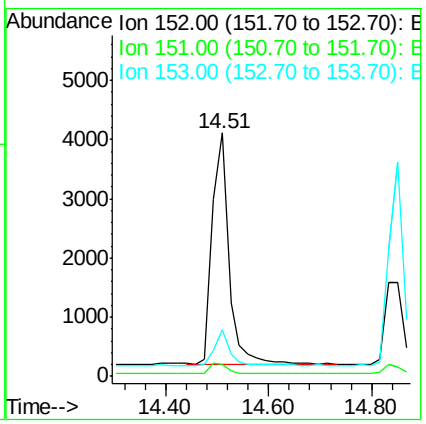


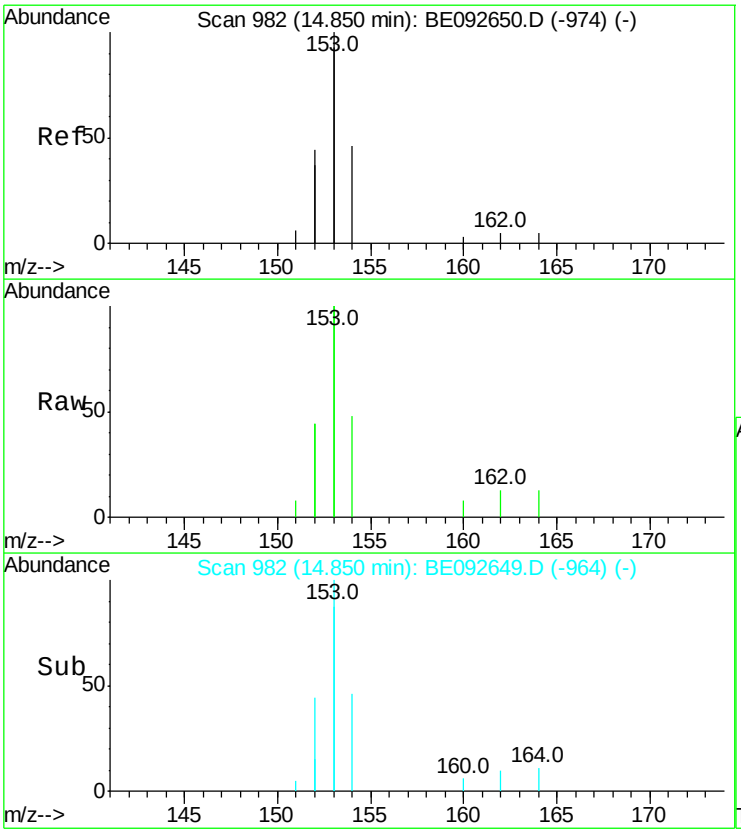
#15
Acenaphthylene
Concen: 0.17 ng
RT: 14.51 min Scan# 962
Delta R.T. 0.00 min
Lab File: BE092649.D
Acq: 16 Jan 2017 13:17

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:152 Resp: 8744

Ion	Ratio	Lower	Upper
152	100		
151	4.9	3.9	5.9
153	13.4	10.4	15.6

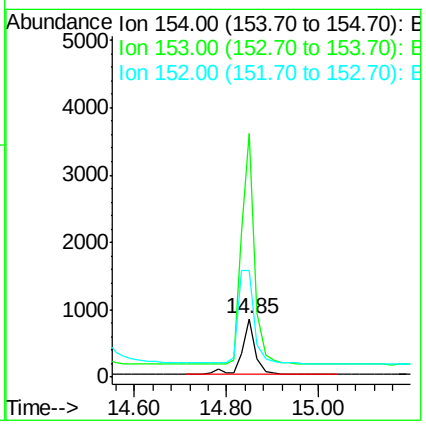


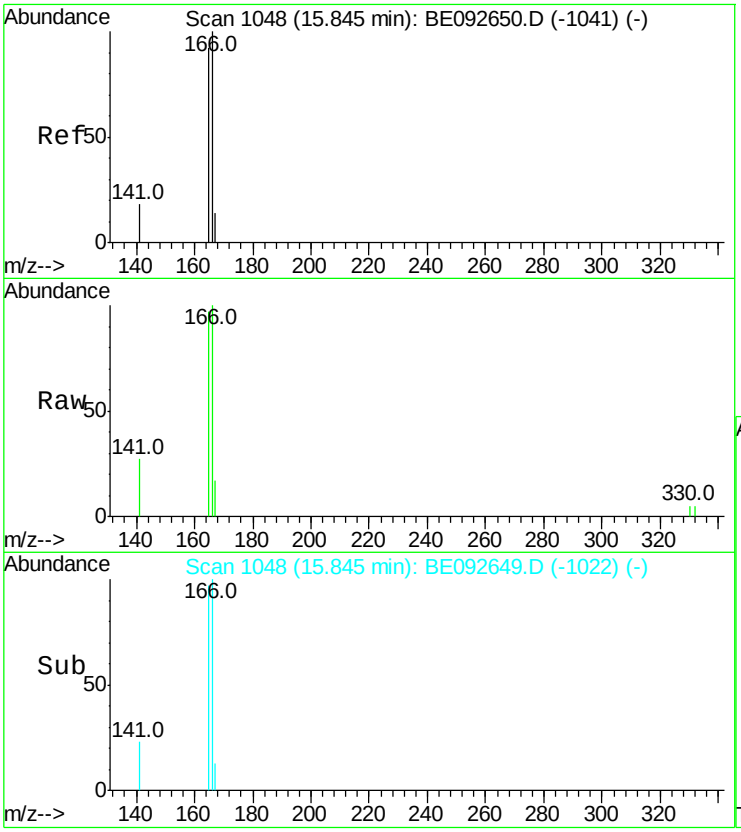


#16
Acenaphthene
Concen: 0.19 ng
RT: 14.85 min Scan# 982
Delta R.T. 0.00 min
Lab File: BE092649.D
Acq: 16 Jan 2017 13:17

Tgt Ion:154 Resp: 1601

Ion	Ratio	Lower	Upper
154	100		
153	415.4	350.8	526.2
152	211.9	171.1	256.7



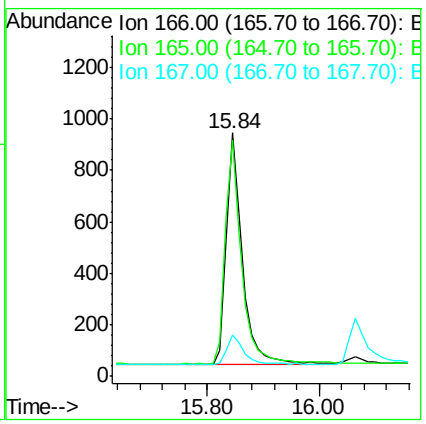


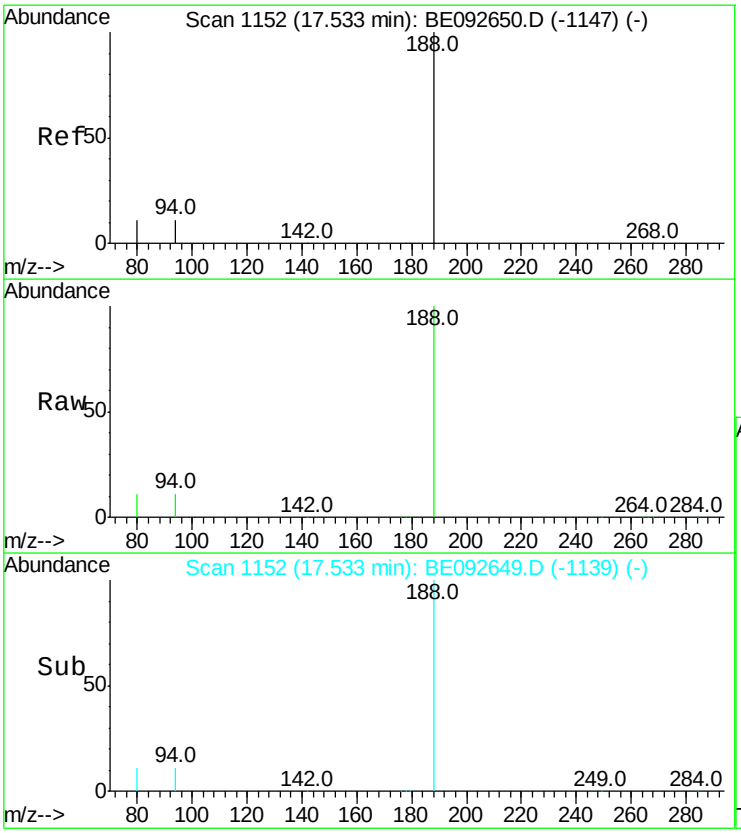
#17
Fluorene
Concen: 0.18 ng
RT: 15.84 min Scan# 1048
Delta R.T. -0.00 min
Lab File: BE092649.D
Acq: 16 Jan 2017 13:17

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:166 Resp: 1829

Ion	Ratio	Lower	Upper
166	100		
165	98.0	78.2	117.4
167	13.5	11.0	16.4

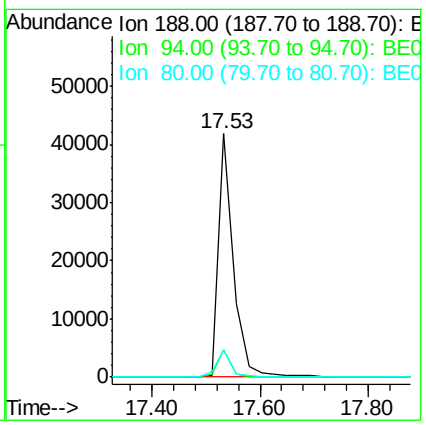


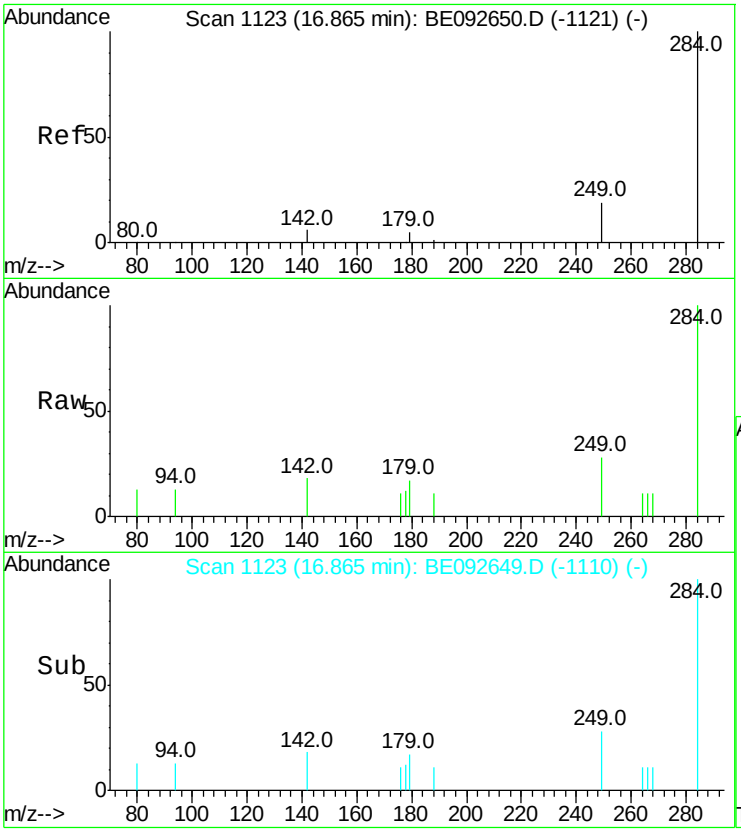


#18
Phenanthrene-d10
Concen: 5.00 ng
RT: 17.53 min Scan# 1152
Delta R.T. -0.00 min
Lab File: BE092649.D
Acq: 16 Jan 2017 13:17

Tgt Ion:188 Resp: 81117

Ion	Ratio	Lower	Upper
188	100		
94	11.3	3.2	4.8#
80	11.1	2.6	3.8#



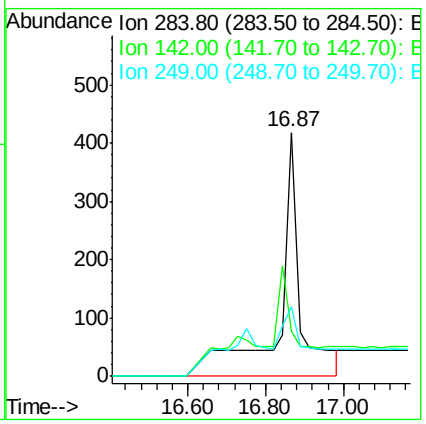


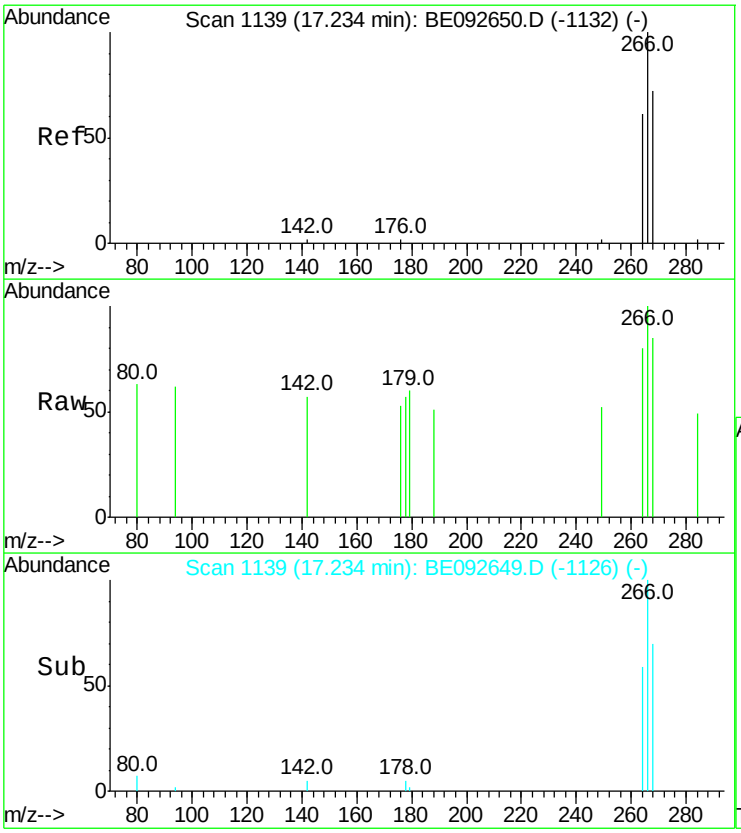
#19
Hexachlorobenzene
Concen: 0.49 ng
RT: 16.87 min Scan# 1123
Delta R.T. -0.00 min
Lab File: BE092649.D
Acq: 16 Jan 2017 13:17

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:284 Resp: 1687

Ion	Ratio	Lower	Upper
284	100		
142	0.0	29.1	43.7#
249	15.9	27.9	41.9#

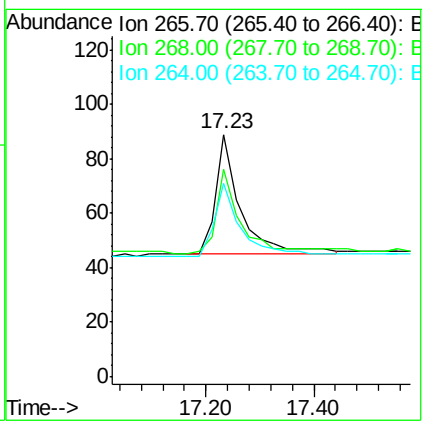


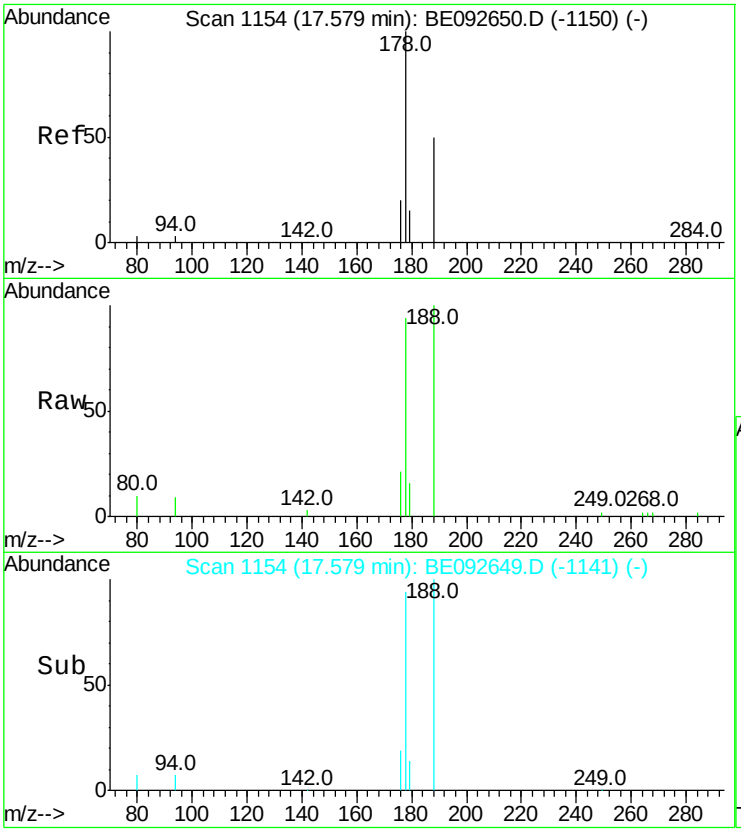


#20
Pentachlorophenol
Concen: 0.24 ng
RT: 17.23 min Scan# 1139
Delta R.T. -0.00 min
Lab File: BE092649.D
Acq: 16 Jan 2017 13:17

Tgt Ion:266 Resp: 142

Ion	Ratio	Lower	Upper
266	100		
268	85.4	62.5	93.7
264	79.8	57.2	85.8



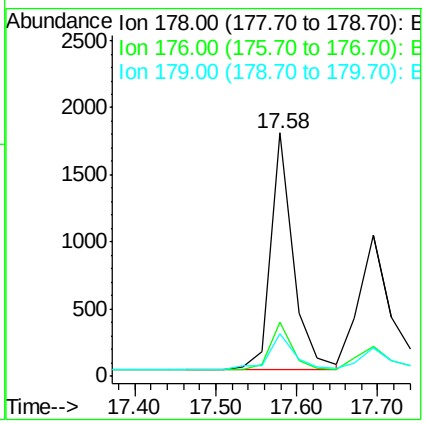


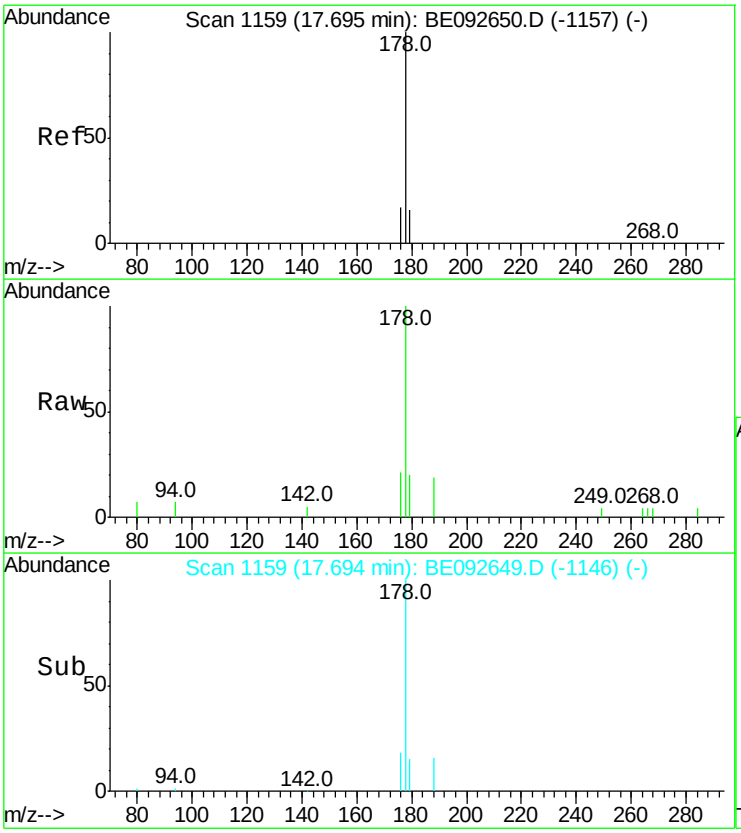
#21
Phenanthrene
Concen: 0.17 ng
RT: 17.58 min Scan# 1154
Delta R.T. -0.00 min
Lab File: BE092649.D
Acq: 16 Jan 2017 13:17

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:178 Resp: 3395

Ion	Ratio	Lower	Upper
178	100		
176	19.6	15.8	23.8
179	17.1	16.0	24.0

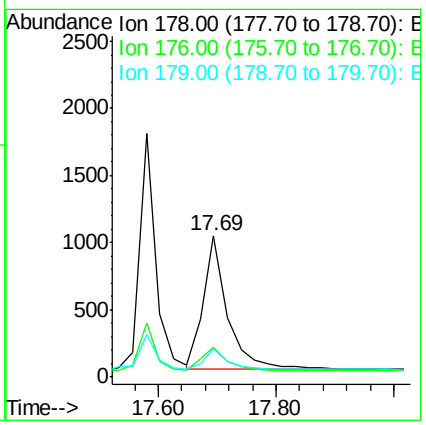


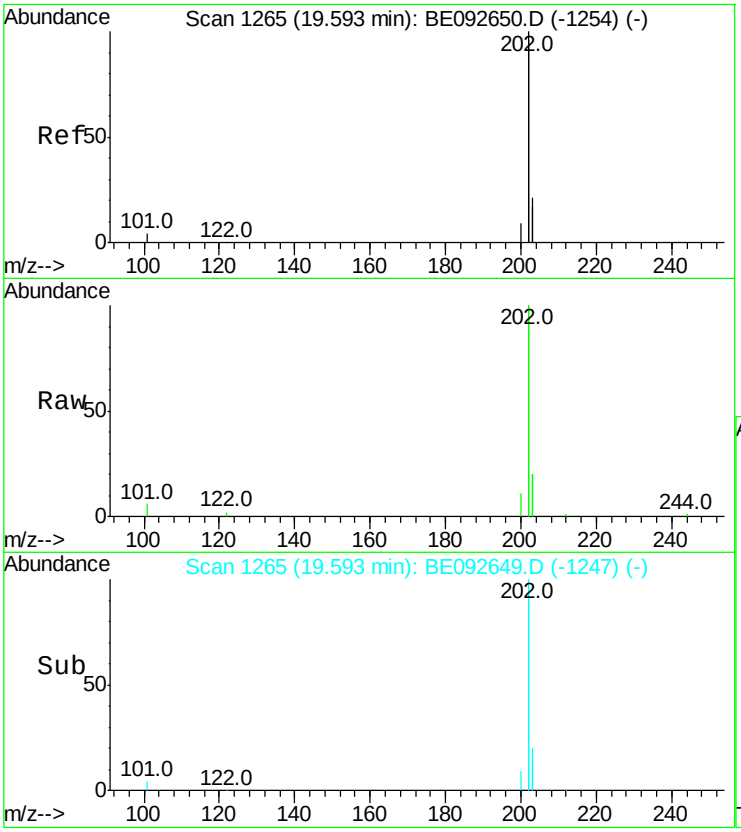


#22
Anthracene
Concen: 0.15 ng
RT: 17.69 min Scan# 1159
Delta R.T. -0.00 min
Lab File: BE092649.D
Acq: 16 Jan 2017 13:17

Tgt Ion:178 Resp: 2833

Ion	Ratio	Lower	Upper
178	100		
176	18.9	15.0	22.4
179	16.4	12.2	18.2



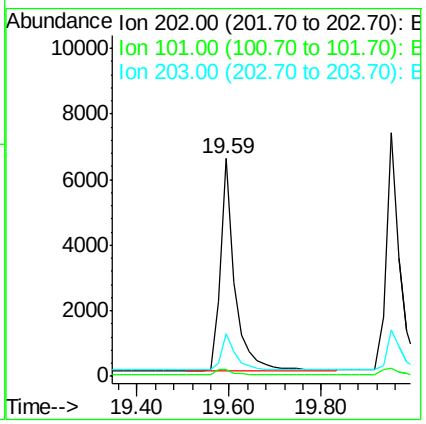


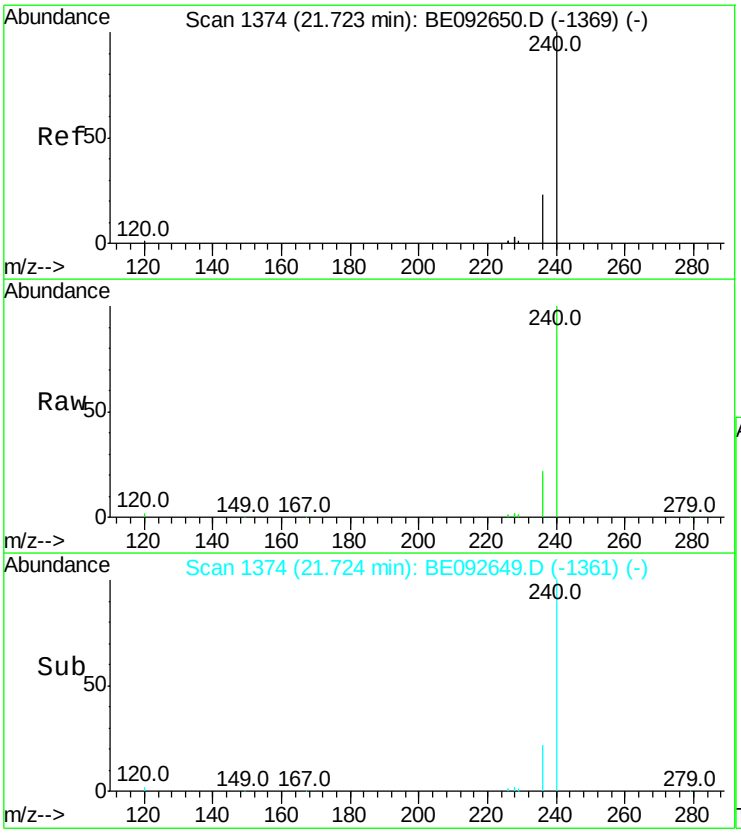
#23
Fluoranthene
Concen: 0.16 ng
RT: 19.59 min Scan# 1265
Delta R.T. -0.00 min
Lab File: BE092649.D
Acq: 16 Jan 2017 13:17

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:202 Resp: 14199

Ion	Ratio	Lower	Upper
202	100		
101	3.0	2.2	3.4
203	17.7	13.7	20.5

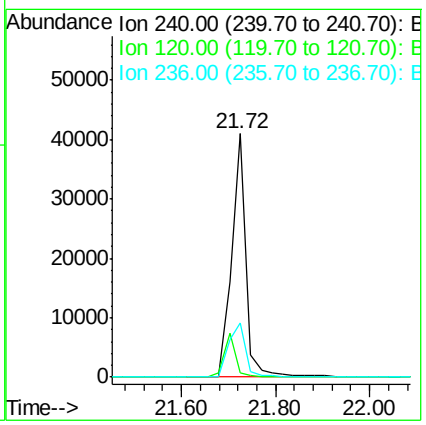


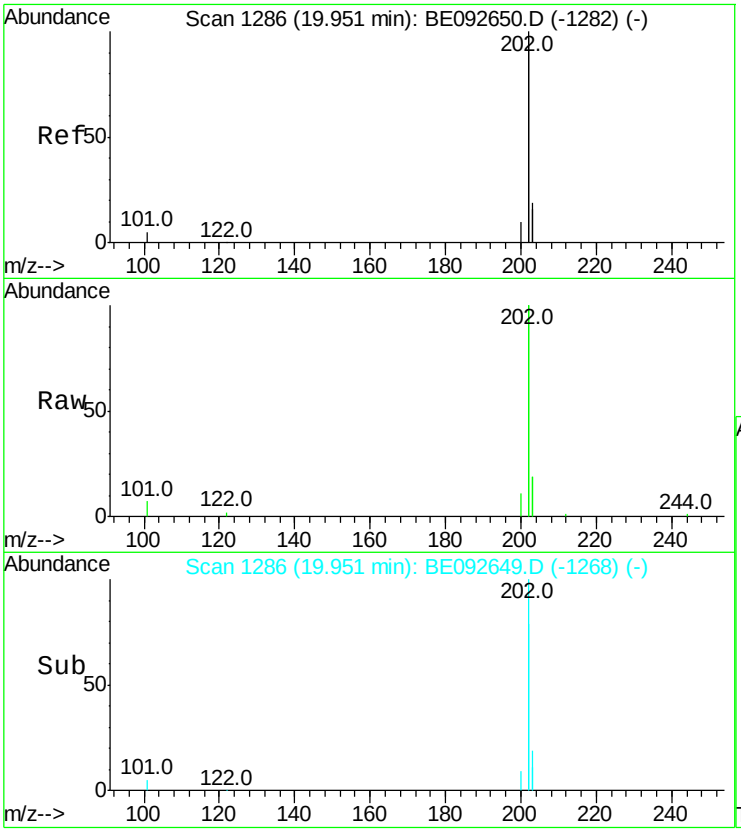


#24
Chrysene-d12
Concen: 5.00 ng
RT: 21.72 min Scan# 1374
Delta R.T. 0.00 min
Lab File: BE092649.D
Acq: 16 Jan 2017 13:17

Tgt Ion:240 Resp: 86920

Ion	Ratio	Lower	Upper
240	100		
120	1.7	2.6	4.0#
236	22.1	24.6	37.0#



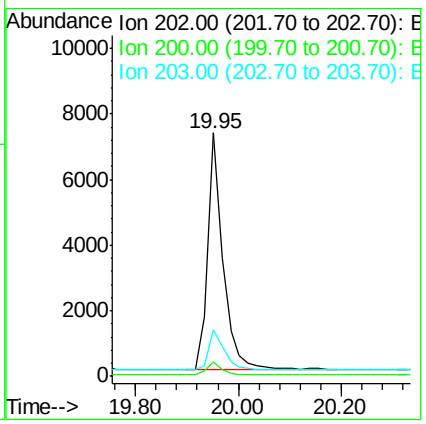


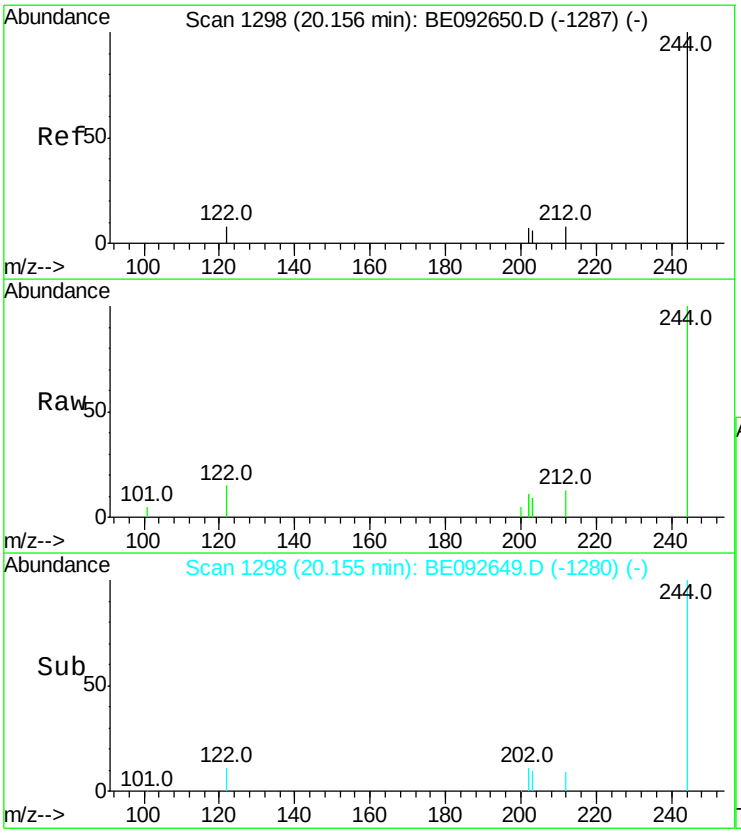
#25
Pyrene
Concen: 0.19 ng
RT: 19.95 min Scan# 1286
Delta R.T. -0.00 min
Lab File: BE092649.D
Acq: 16 Jan 2017 13:17

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:202 Resp: 14847

Ion	Ratio	Lower	Upper
202	100		
200	5.4	4.2	6.4
203	17.9	13.9	20.9

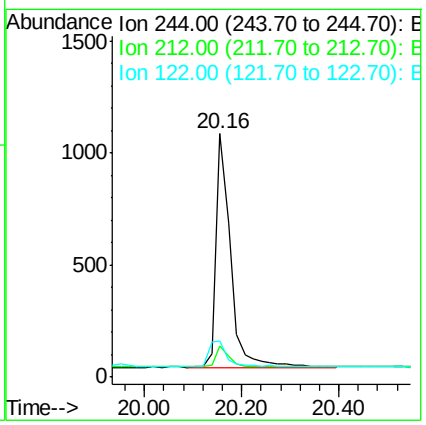


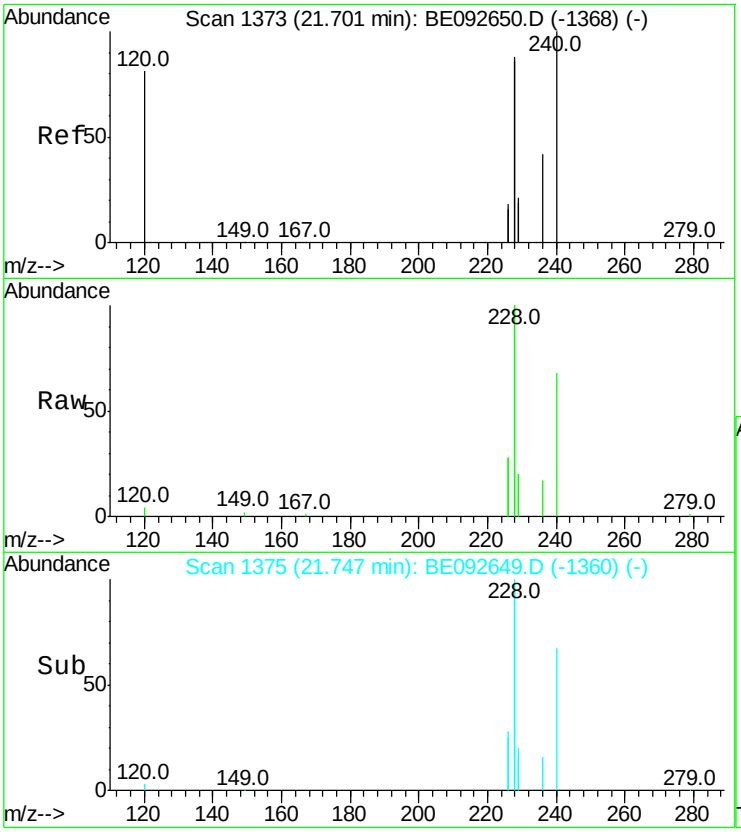


#26
Terphenyl-d14
Concen: 0.20 ng
RT: 20.16 min Scan# 1298
Delta R.T. -0.00 min
Lab File: BE092649.D
Acq: 16 Jan 2017 13:17

Tgt Ion:244 Resp: 2144

Ion	Ratio	Lower	Upper
244	100		
212	12.7	6.7	10.1#
122	15.1	3.6	5.4#



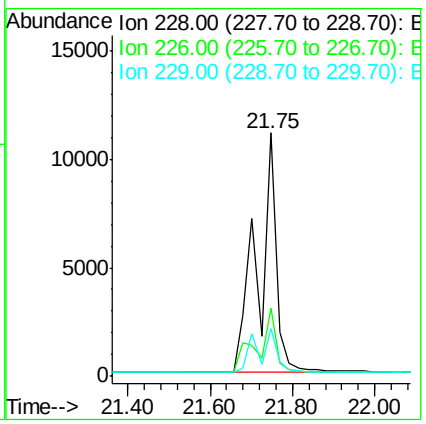


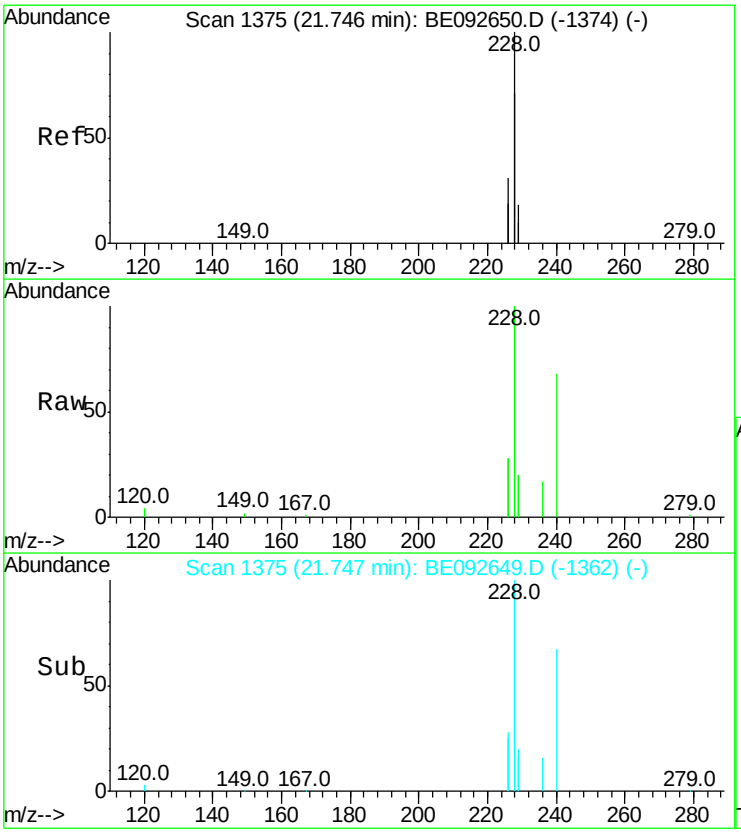
#27
Benzo(a)anthracene
Concen: 0.44 ng
RT: 21.75 min Scan# 1375
Delta R.T. 0.05 min
Lab File: BE092649.D
Acq: 16 Jan 2017 13:17

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:228 Resp: 34379

Ion	Ratio	Lower	Upper
228	100		
226	28.2	23.6	35.4
229	19.8	13.3	19.9

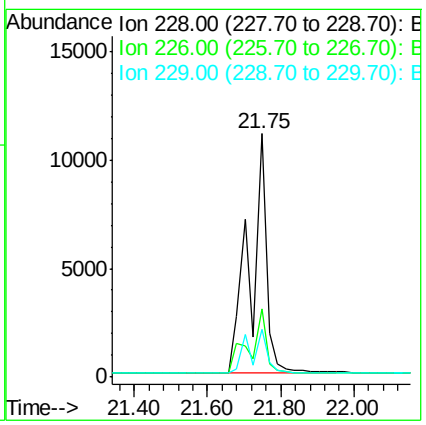


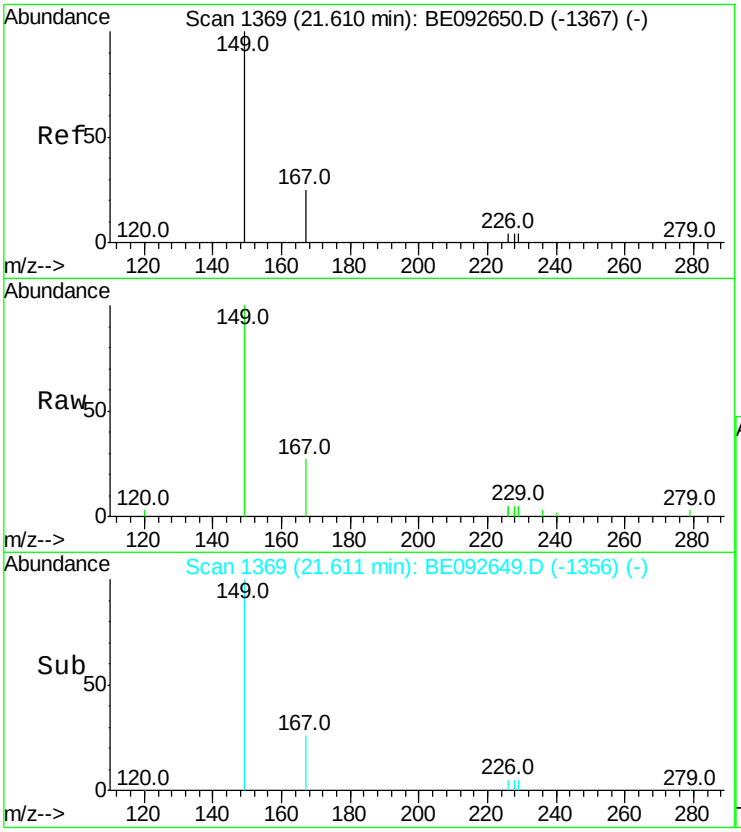


#28
Chrysene
Concen: 0.38 ng
RT: 21.75 min Scan# 1375
Delta R.T. 0.00 min
Lab File: BE092649.D
Acq: 16 Jan 2017 13:17

Tgt Ion:228 Resp: 34529

Ion	Ratio	Lower	Upper
228	100		
226	28.2	36.3	54.5#
229	19.8	10.6	16.0#



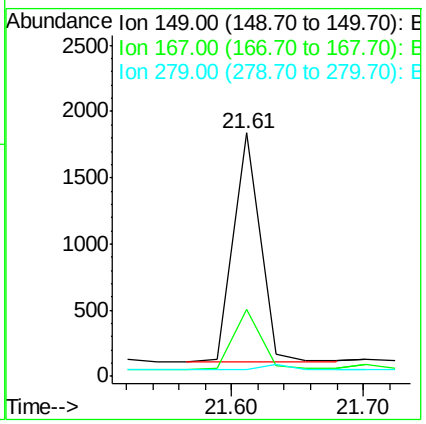


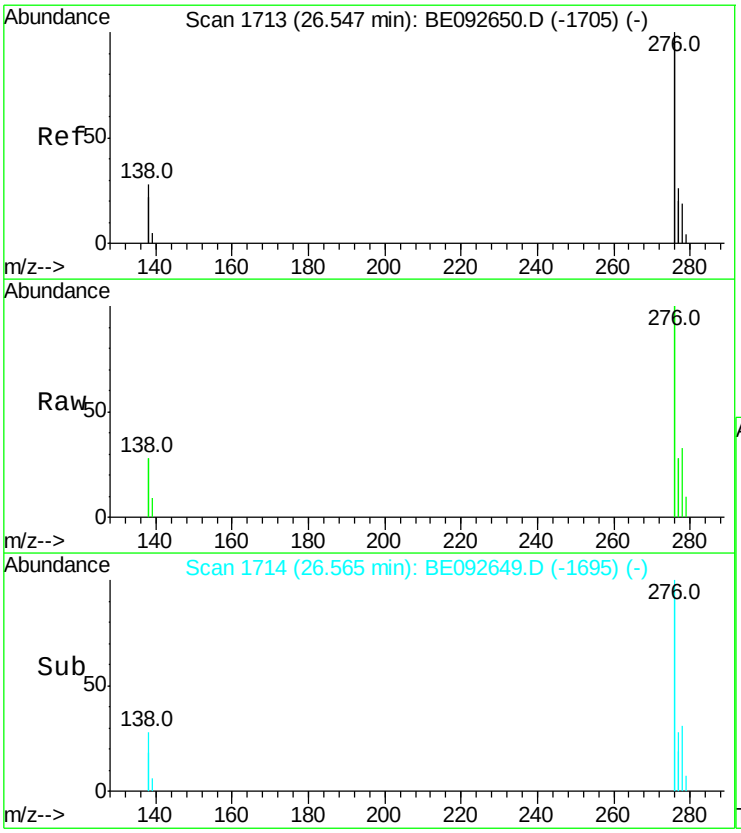
#29
Bis(2-ethylhexyl)phthalate
Concen: 0.30 ng
RT: 21.61 min Scan# 1369
Delta R.T. 0.00 min
Lab File: BE092649.D
Acq: 16 Jan 2017 13:17

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:149 Resp: 2502

Ion	Ratio	Lower	Upper
149	100		
167	26.2	16.0	24.0#
279	0.0	16.0	24.0#

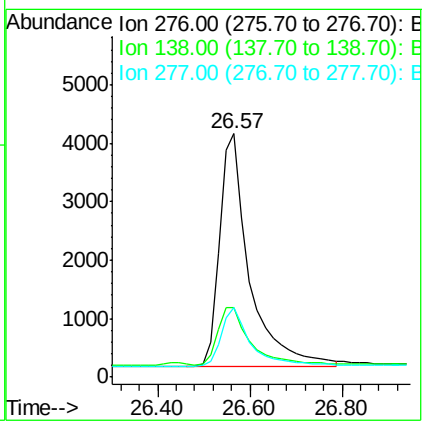


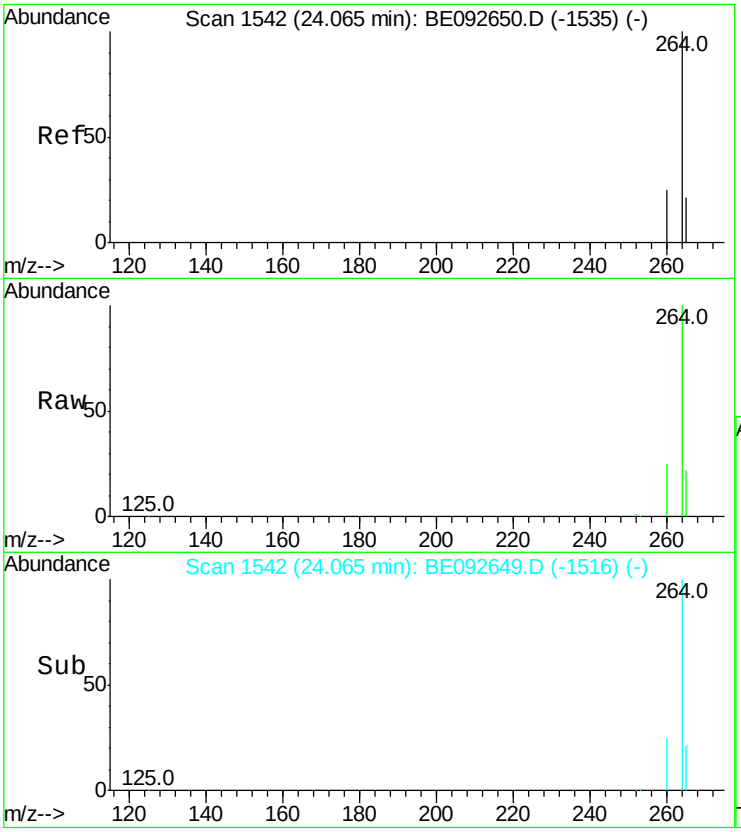


#30
Indeno(1,2,3-cd)pyrene
Concen: 0.22 ng
RT: 26.57 min Scan# 1714
Delta R.T. 0.02 min
Lab File: BE092649.D
Acq: 16 Jan 2017 13:17

Tgt Ion:276 Resp: 18170

Ion	Ratio	Lower	Upper
276	100		
138	26.5	20.3	30.5
277	24.9	19.7	29.5



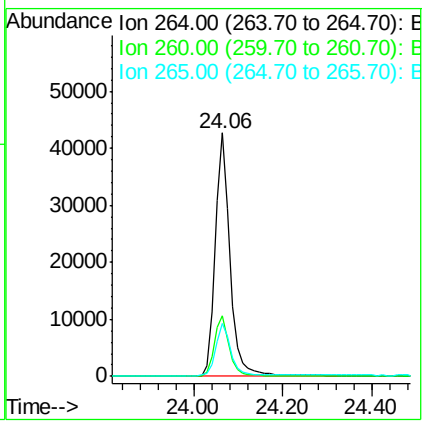


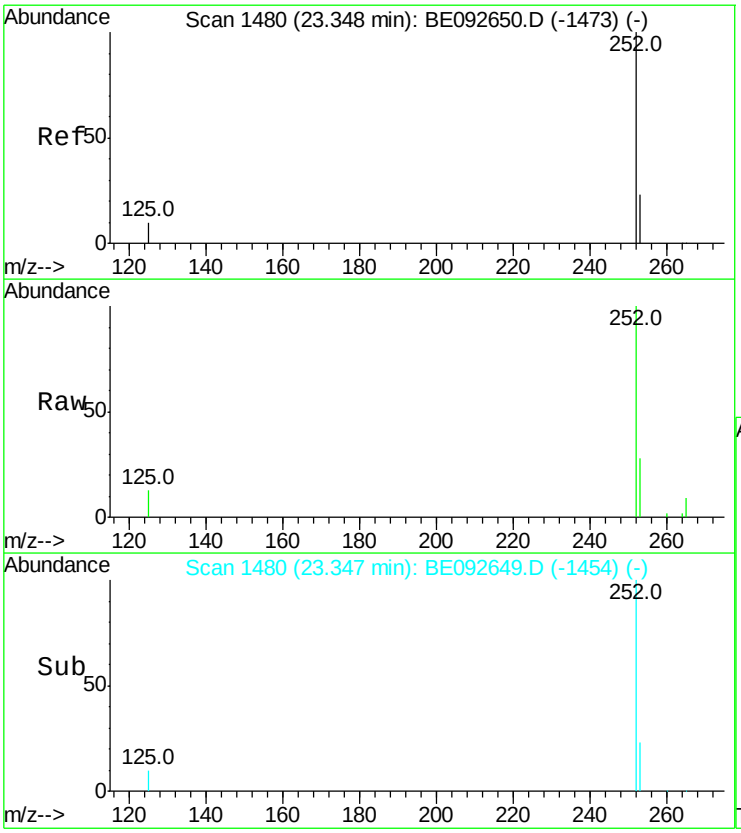
#31
Perylene-d12
Concen: 5.00 ng
RT: 24.06 min Scan# 1542
Delta R.T. -0.00 min
Lab File: BE092649.D
Acq: 16 Jan 2017 13:17

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:264 Resp: 98450

Ion	Ratio	Lower	Upper
264	100		
260	24.9	20.1	30.1
265	21.6	17.9	26.9

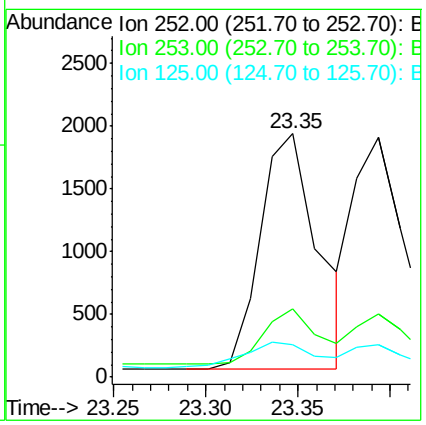


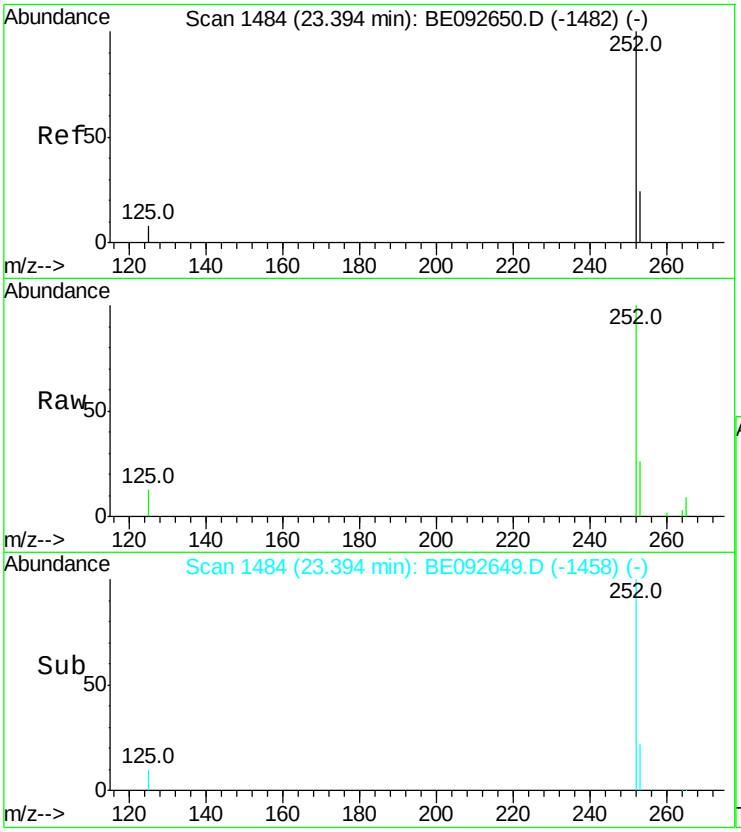


#32
Benzo(b)fluoranthene
Concen: 0.18 ng
RT: 23.35 min Scan# 1480
Delta R.T. -0.00 min
Lab File: BE092649.D
Acq: 16 Jan 2017 13:17

Tgt Ion:252 Resp: 4102

Ion	Ratio	Lower	Upper
252	100		
253	27.9	18.7	28.1
125	13.1	10.5	15.7



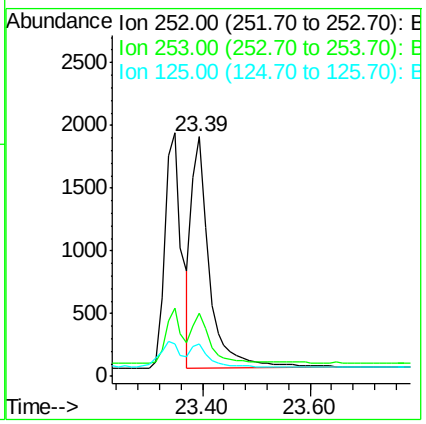


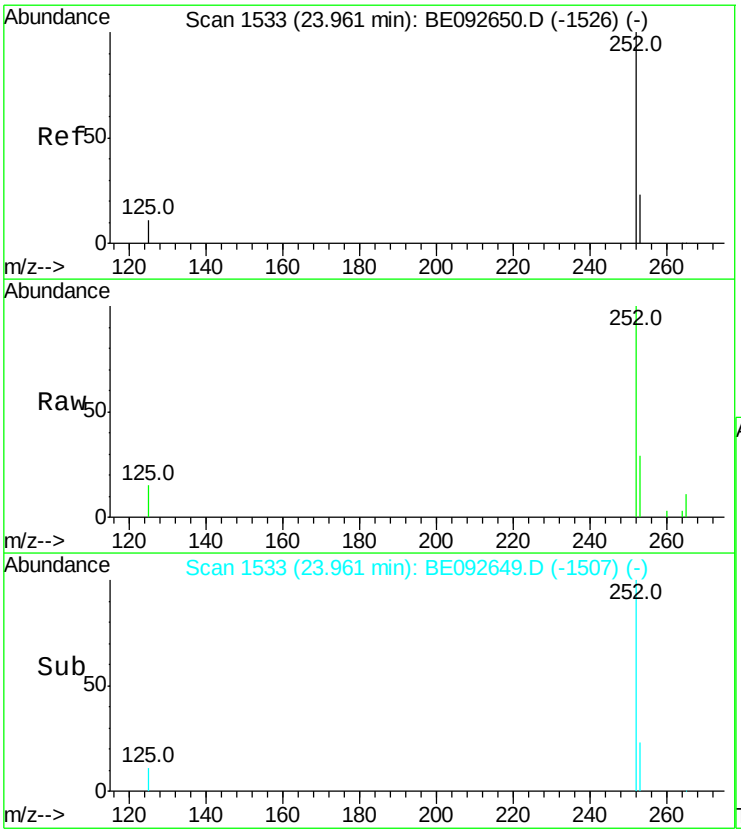
#33
Benzo(k)fluoranthene
Concen: 0.17 ng
RT: 23.39 min Scan# 1484
Delta R.T. -0.00 min
Lab File: BE092649.D
Acq: 16 Jan 2017 13:17

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:252 Resp: 4165

Ion	Ratio	Lower	Upper
252	100		
253	26.2	20.3	30.5
125	13.5	9.6	14.4

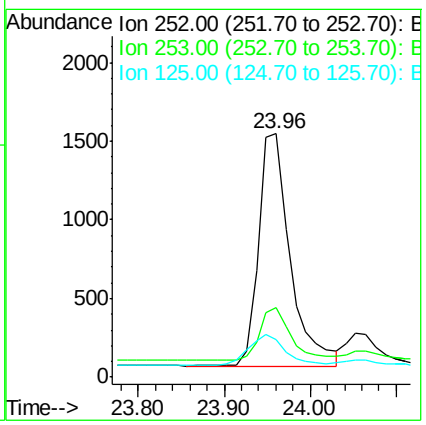


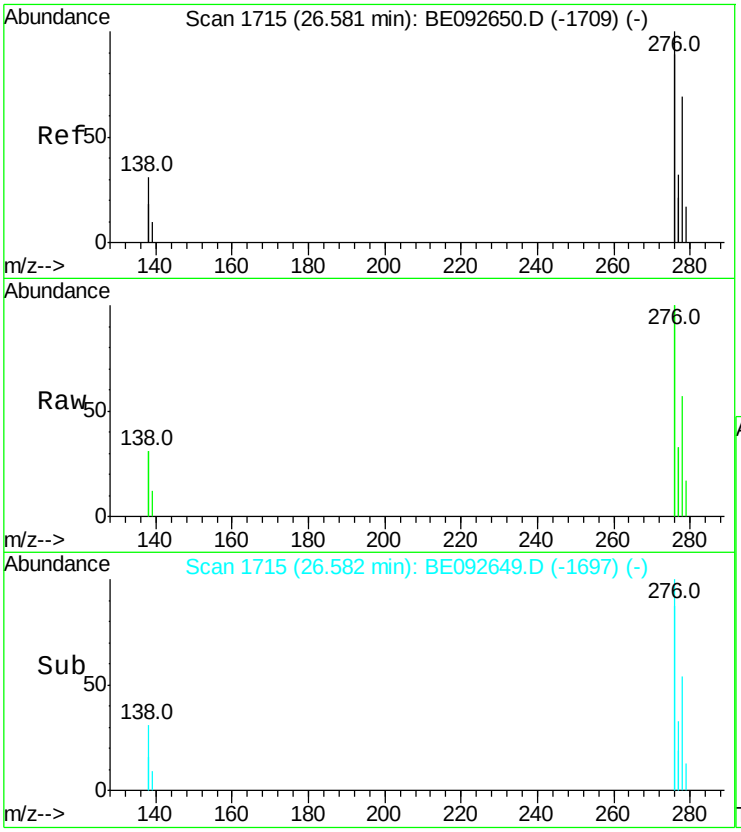


#34
Benzo(a)pyrene
Concen: 0.17 ng
RT: 23.96 min Scan# 1533
Delta R.T. -0.00 min
Lab File: BE092649.D
Acq: 16 Jan 2017 13:17

Tgt Ion:252 Resp: 3780

Ion	Ratio	Lower	Upper
252	100		
253	28.6	19.0	28.6
125	15.4	11.8	17.8



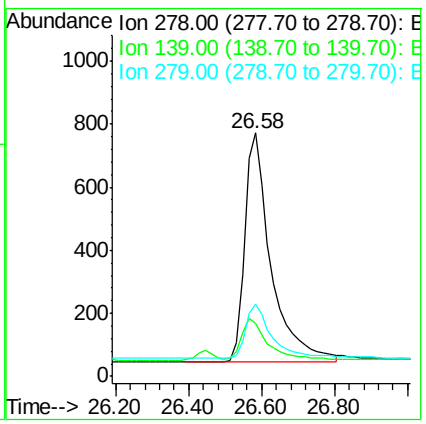


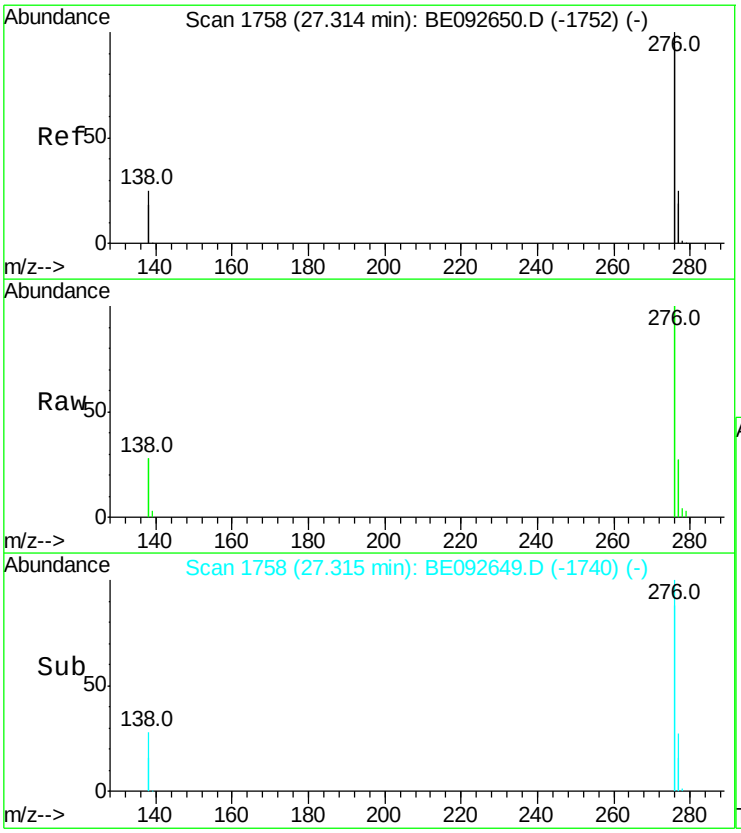
#35
Dibenzo(a,h)anthracene
Concen: 0.18 ng
RT: 26.58 min Scan# 1715
Delta R.T. 0.00 min
Lab File: BE092649.D
Acq: 16 Jan 2017 13:17

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:278 Resp: 3645

Ion	Ratio	Lower	Upper
278	100		
139	21.6	13.8	20.8#
279	29.7	21.4	32.2





#36
Benzo(g,h,i)perylene
Concen: 0.18 ng
RT: 27.31 min Scan# 1758
Delta R.T. 0.00 min
Lab File: BE092649.D
Acq: 16 Jan 2017 13:17

Tgt Ion:276 Resp: 15979

Ion	Ratio	Lower	Upper
276	100		
277	26.7	19.8	29.8
138	28.2	19.8	29.6