Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA E\DATA\BE020117\
Data File : BE092708.D
Acq On : 1 Feb 2017 10:36
Operator : SJ/MA
Sample : I1505-05RE
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument : BNA_E
ClientSampleId :

Quant Time: Feb 01 12:28:15 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	11867	5.00	ng		0.00
7) Naphthalene-d8	10.91	136	51553	5.00	ng		0.00
12) Acenaphthene-d10	14.78	164	27928	5.00	ng		0.00
18) Phenanthrene-d10	17.53	188	60907	5.00	ng		0.00
24) Chrysene-d12	21.72	240	61990	5.00	ng		0.00
31) Perylene-d12	24.06	264	12209	5.00	ng		0.00
System Monitoring Compounds							
4) 2-Fluorophenol	5.64	112	19933	7.52	ng		-0.02
5) Phenol-d6	7.31	99	17596	5.42	ng		-0.02
8) Nitrobenzene-d5	9.29	82	18625	5.57	ng		-0.05
13) 2,4,6-Tribromophenol	16.27	330	9631	11.62	ng		-0.02
14) 2-Fluorobiphenyl	13.40	172	40438	5.89	ng		-0.02
26) Terphenyl-d14	20.14	244	50841	5.80	ng		-0.02
Target Compounds							Qvalue
2) 1,4-Dioxane	3.39	88	158	0.03	ng	#	1
3) n-Nitrosodimethylamine	3.84	42	3151	1.47	ng	#	1
6) bis(2-Chloroethyl)ether	7.59	93	117	0.03	ng	#	1
9) Naphthalene	10.95	128	89901	8.35	ng	#	95
11) 2-Methylnaphthalene	12.81	142	5113	0.77	ng		92
15) Acenaphthylene	14.49	152	2514	0.07	ng	#	86
16) Acenaphthene	14.83	154	3000	0.49	ng		94
17) Fluorene	15.83	166	2342	0.30	ng		98
19) Hexachlorobenzene	16.70	284	411	0.12	ng	#	39
20) Pentachlorophenol	17.23	266	29	0.05	ng	#	75
21) Phenanthrene	17.58	178	5321	0.40	ng		96
22) Anthracene	17.58	178	5321	0.43	ng		98
23) Fluoranthene	19.58	202	2912	0.05	ng	#	95
25) Pyrene	19.93	202	1570	0.03	ng	#	90
27) Benzo(a)anthracene	21.70	228	1970	0.03	ng	#	59
28) Chrysene	21.70	228	1970	0.03	ng	#	71
29) Bis(2-ethylhexyl)phthalate	21.61	149	4450	0.56	ng	#	70
32) Benzo(b)fluoranthene	23.35	252	259	0.09	ng	#	1
33) Benzo(k)fluoranthene	23.35	252	259	0.09	ng	#	1
34) Benzo(a)pyrene	23.96	252	86	0.03	ng	#	1
36) Benzo(g,h,i)perylene	27.31	276	376	0.03	ng	#	1

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

Quantitation Report (Not Reviewed)

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ALS Vial : 3 Sample Multiplier: 1

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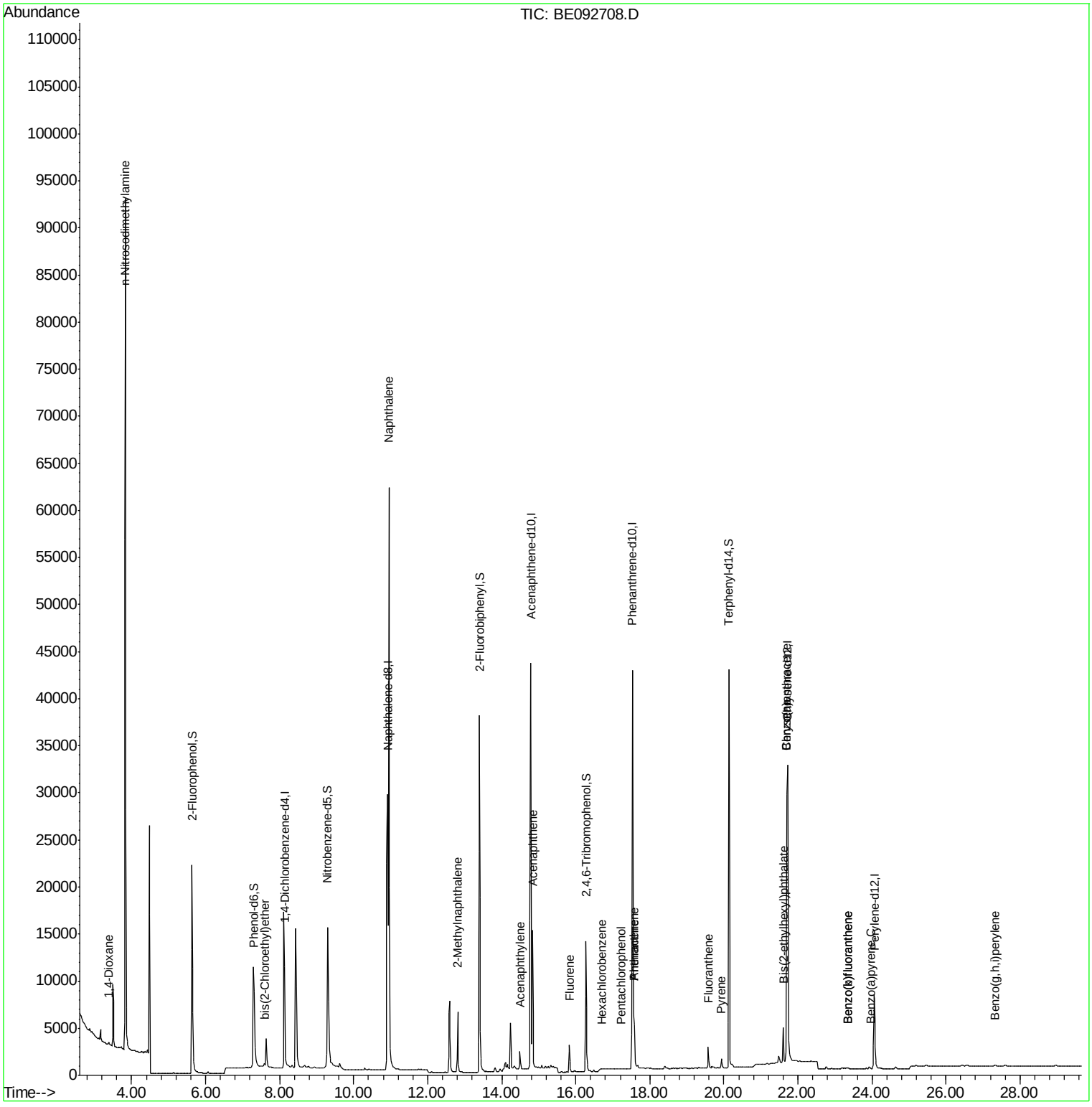
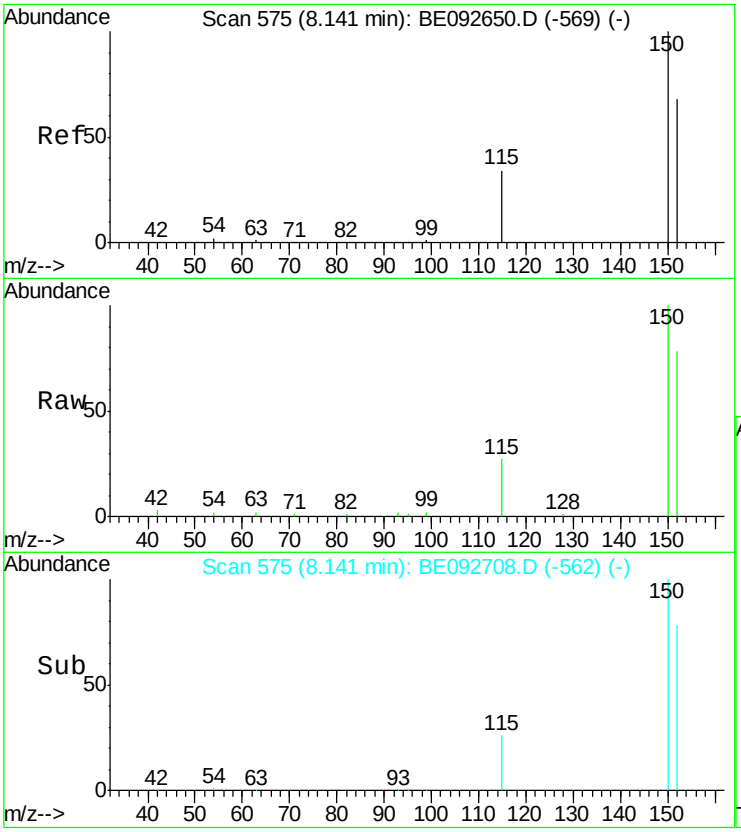
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Jan 17 10:14:01 2017
Response via : Initial Calibration



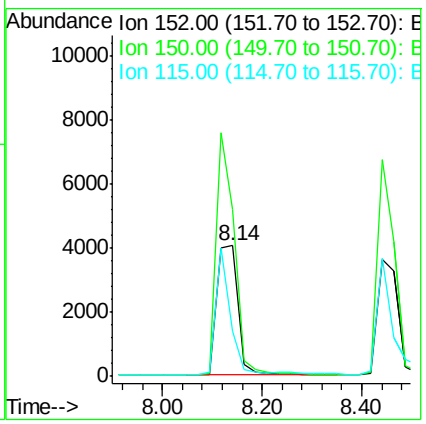


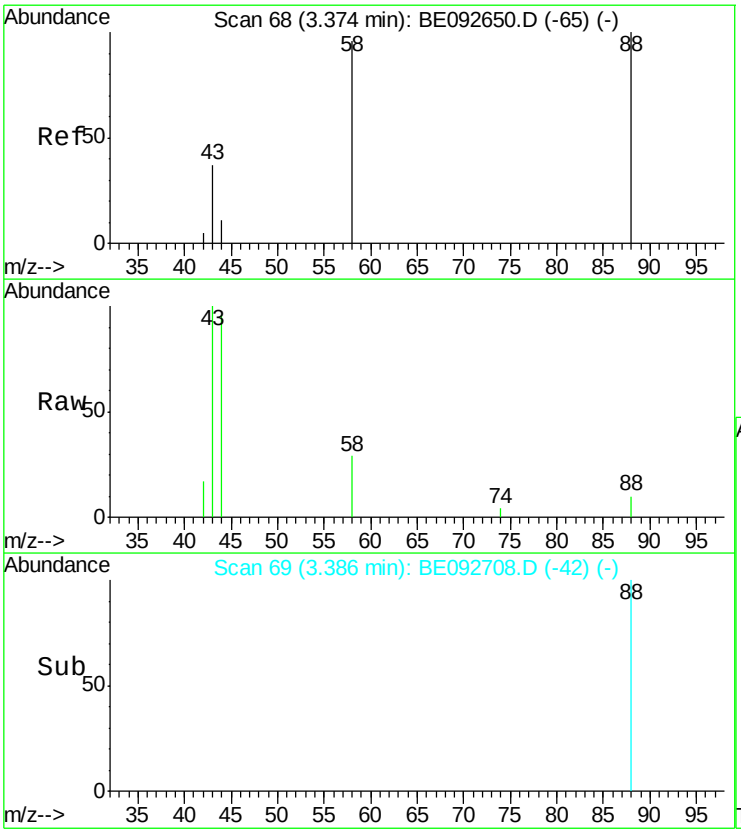
#1
1,4-Dichlorobenzene-d4
Concen: 5.00 ng
RT: 8.14 min Scan# 575
Delta R.T. -0.00 min
Lab File: BE092708.D
Acq: 1 Feb 2017 10:36

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:152 Resp: 11867

Ion	Ratio	Lower	Upper
152	100		
150	127.4	106.0	159.0
115	34.8	31.2	46.8

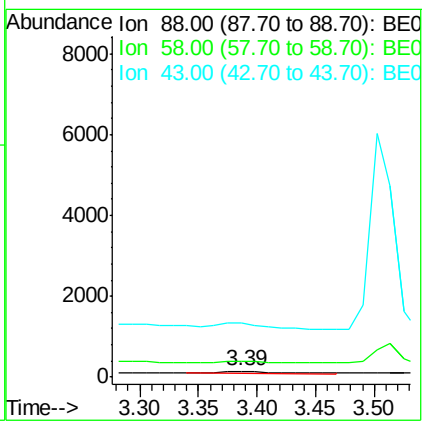


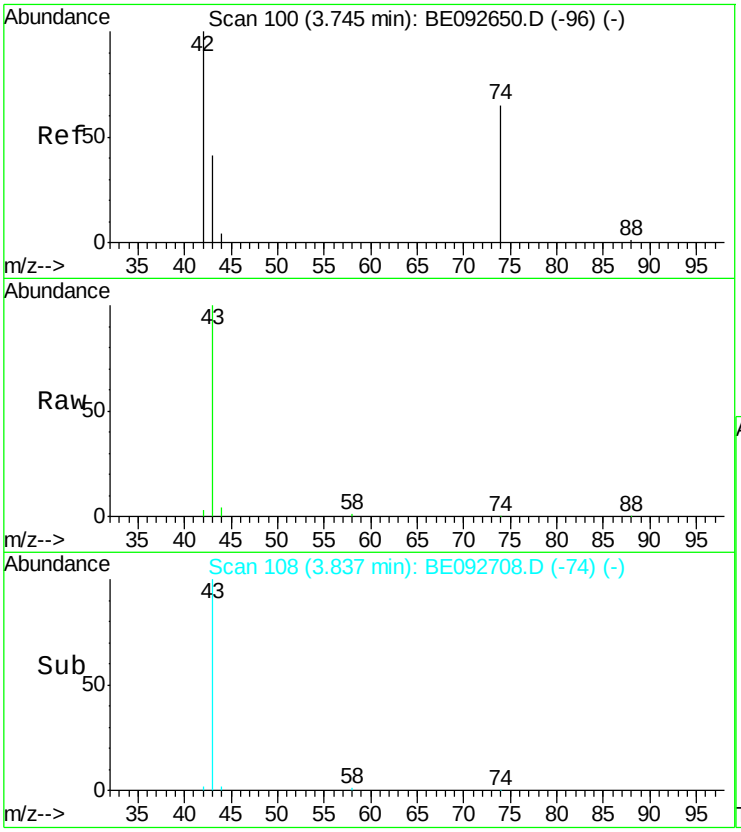


#2
1,4-Dioxane
Concen: 0.03 ng
RT: 3.39 min Scan# 69
Delta R.T. 0.01 min
Lab File: BE092708.D
Acq: 1 Feb 2017 10:36

Tgt Ion: 88 Resp: 158

Ion	Ratio	Lower	Upper
88	100		
58	100.0	63.6	95.4#
43	399.4	28.0	42.0#



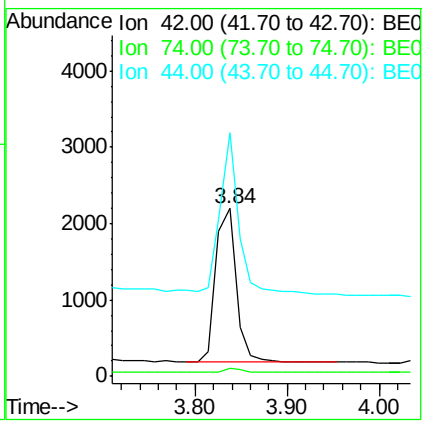


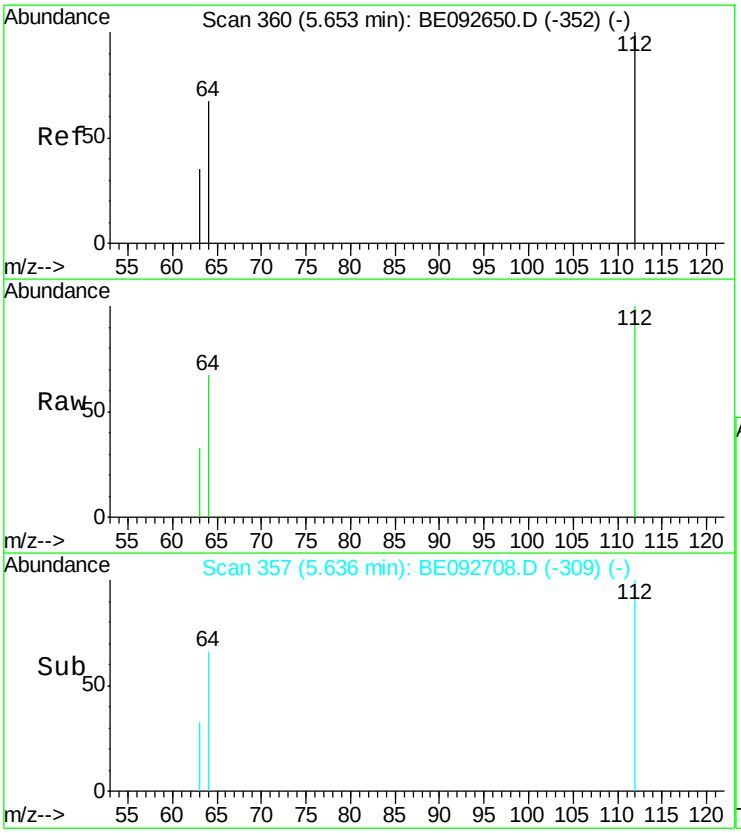
#3
n-Nitrosodimethylamine
Concen: 1.47 ng
RT: 3.84 min Scan# 108
Delta R.T. 0.09 min
Lab File: BE092708.D
Acq: 1 Feb 2017 10:36

Instrument :
BNA_E
ClientSampleId :

Tgt Ion: 42 Resp: 3151

Ion	Ratio	Lower	Upper
42	100		
74	2.7	86.0	129.0#
44	98.1	5.1	7.7#

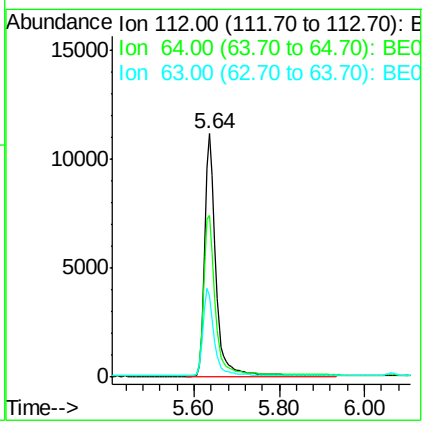


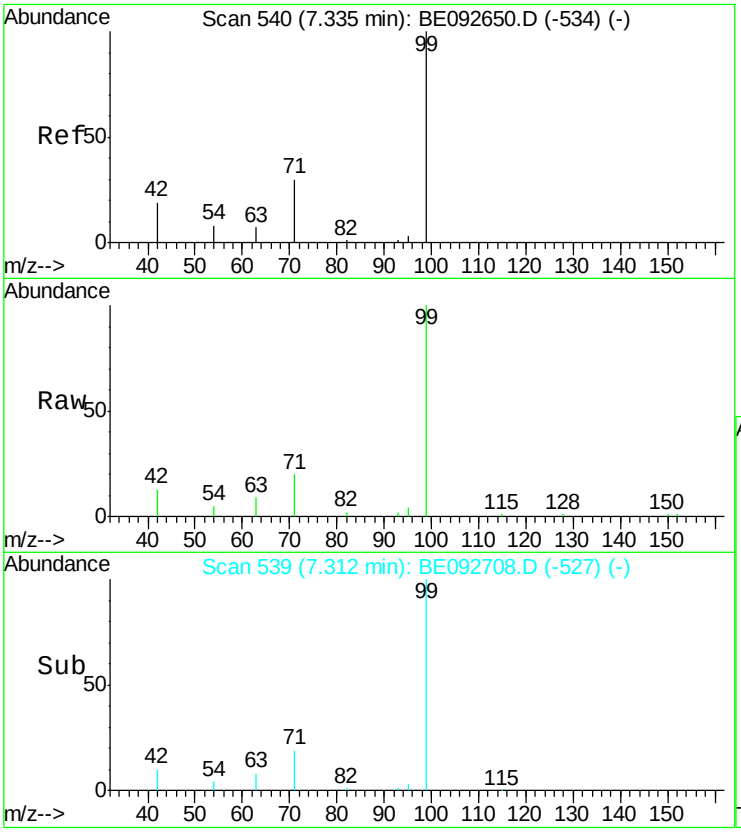


#4
2-Fluorophenol
Concen: 7.52 ng
RT: 5.64 min Scan# 357
Delta R.T. -0.02 min
Lab File: BE092708.D
Acq: 1 Feb 2017 10:36

Tgt Ion:112 Resp: 19933

Ion	Ratio	Lower	Upper
112	100		
64	68.0	53.5	80.3
63	36.2	27.9	41.9



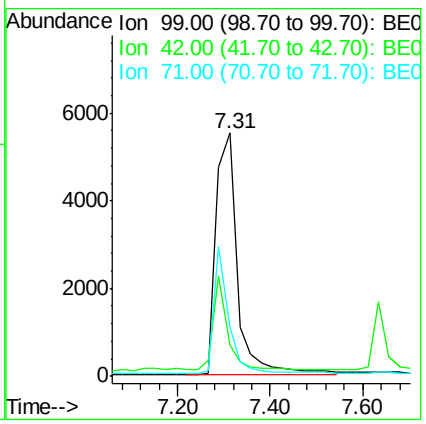


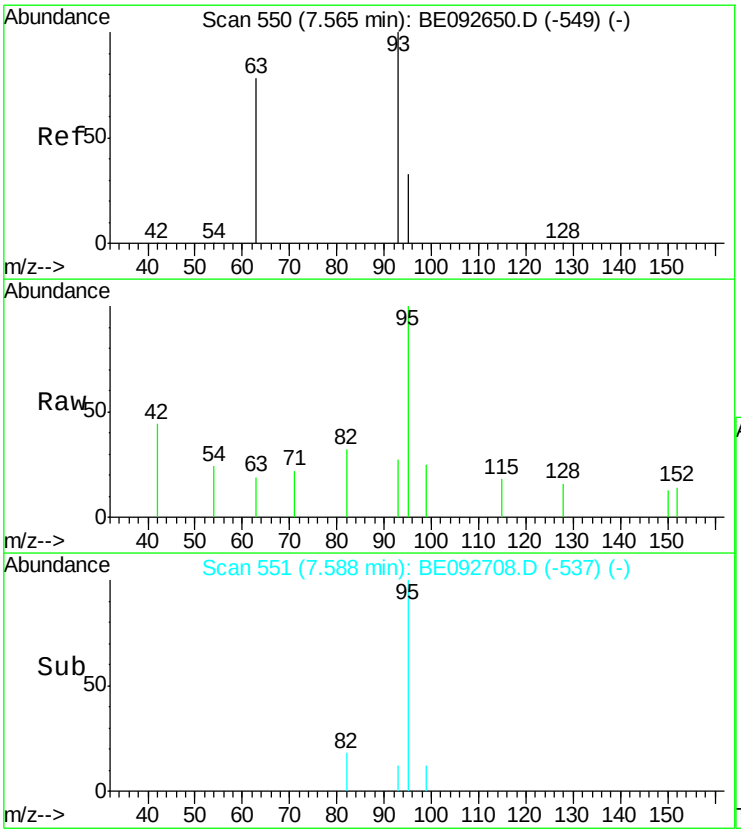
#5
Phenol-d6
Concen: 5.42 ng
RT: 7.31 min Scan# 539
Delta R.T. -0.02 min
Lab File: BE092708.D
Acq: 1 Feb 2017 10:36

Instrument :
BNA_E
ClientSampleId :

Tgt Ion: 99 Resp: 17596

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

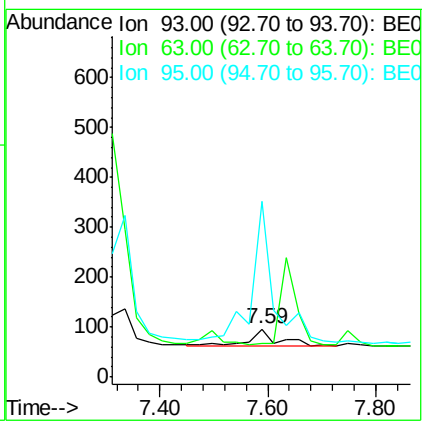


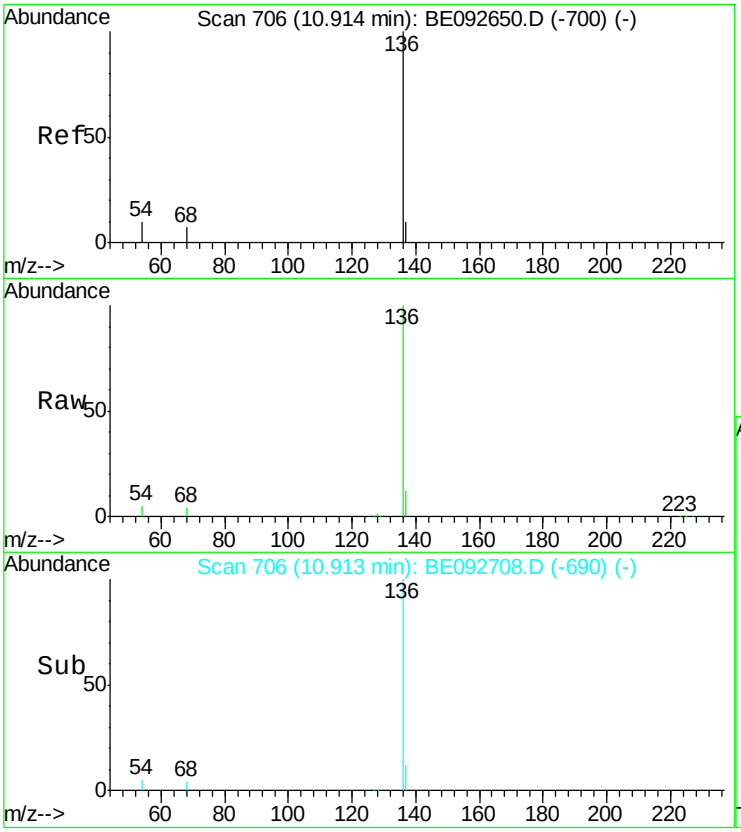


#6
bis(2-Chloroethyl)ether
Concen: 0.03 ng
RT: 7.59 min Scan# 551
Delta R.T. 0.02 min
Lab File: BE092708.D
Acq: 1 Feb 2017 10:36

Tgt Ion: 93 Resp: 117

Ion	Ratio	Lower	Upper
93	100		
63	0.0	71.6	107.4#
95	676.1	24.0	36.0#



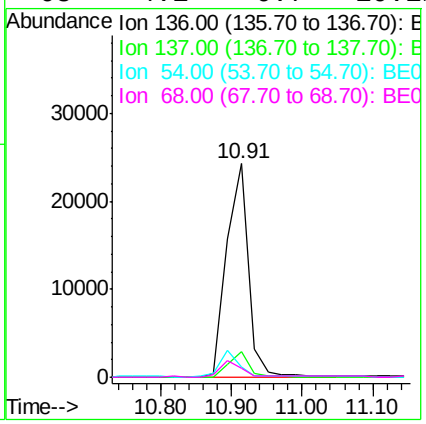


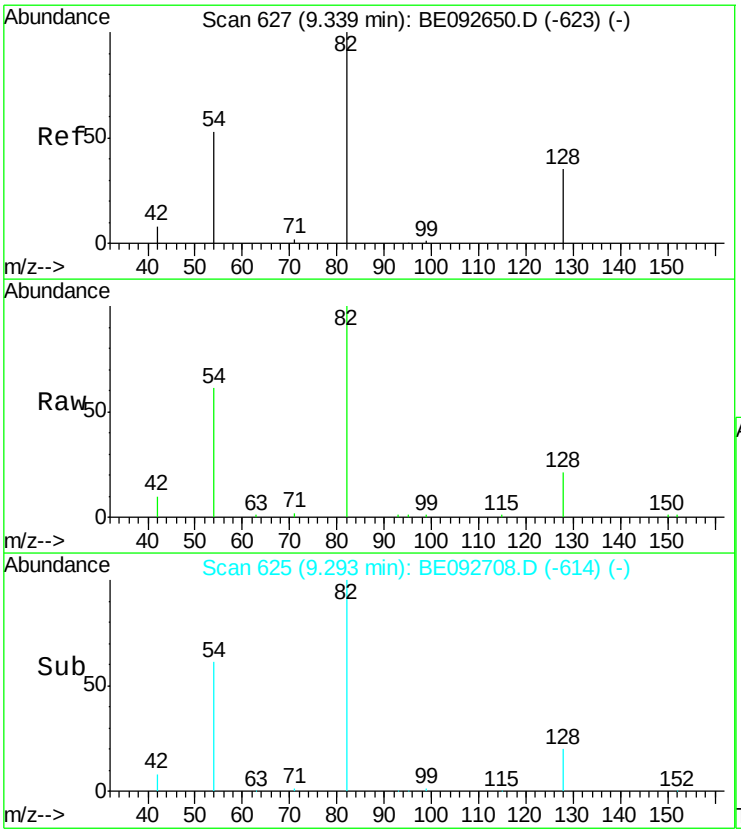
#7
Naphthalene-d8
Concen: 5.00 ng
RT: 10.91 min Scan# 706
Delta R.T. -0.00 min
Lab File: BE092708.D
Acq: 1 Feb 2017 10:36

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:136 Resp: 51553

Ion	Ratio	Lower	Upper
136	100		
137	12.0	8.2	12.4
54	5.1	9.6	14.4#
68	4.1	6.7	10.1#

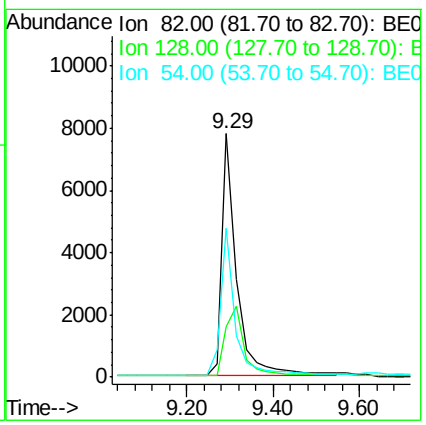


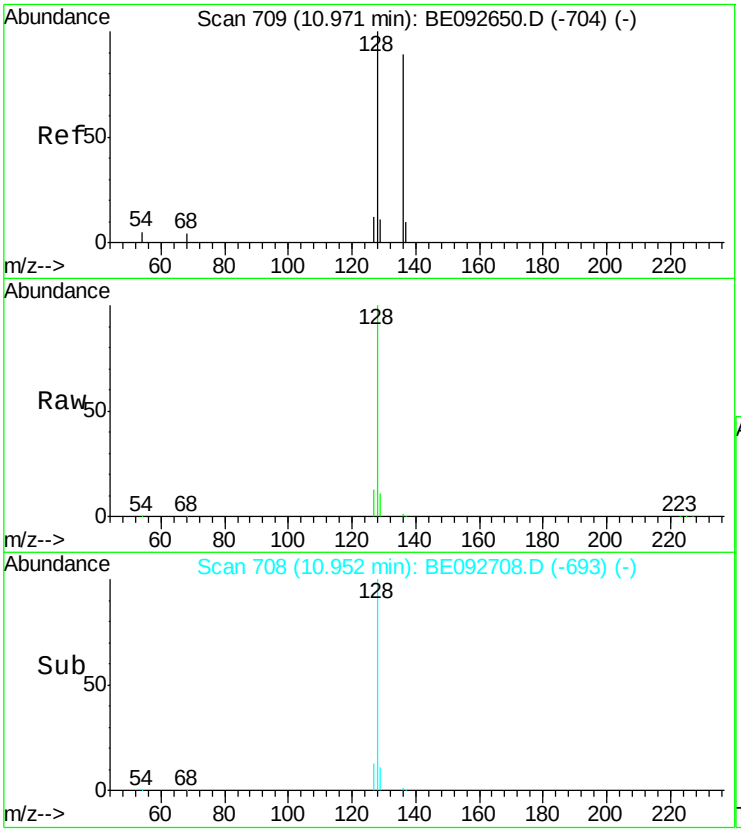


#8
Nitrobenzene-d5
Concen: 5.57 ng
RT: 9.29 min Scan# 625
Delta R.T. -0.05 min
Lab File: BE092708.D
Acq: 1 Feb 2017 10:36

Tgt Ion: 82 Resp: 18625

Ion	Ratio	Lower	Upper
82	100		
128	20.6	39.0	58.4#
54	61.4	44.8	67.2



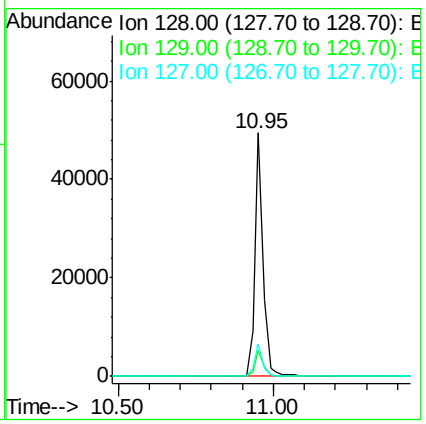


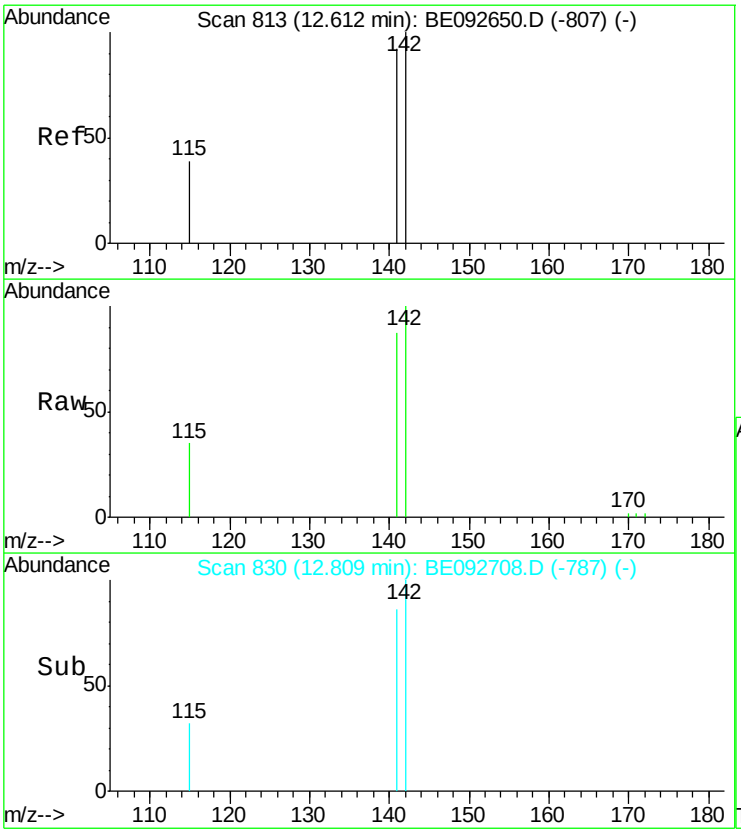
#9
Naphthalene
Concen: 8.35 ng
RT: 10.95 min Scan# 708
Delta R.T. -0.02 min
Lab File: BE092708.D
Acq: 1 Feb 2017 10:36

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:128 Resp: 89901

Ion	Ratio	Lower	Upper
128	100		
129	10.9	11.2	16.8#
127	13.2	11.6	17.4

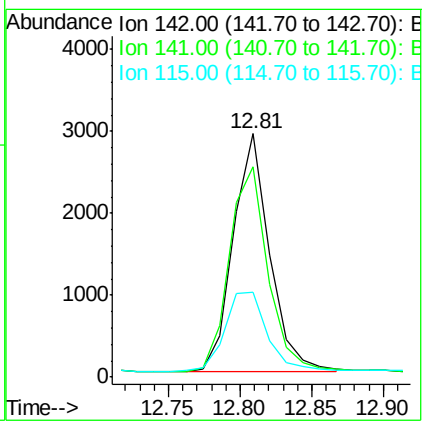


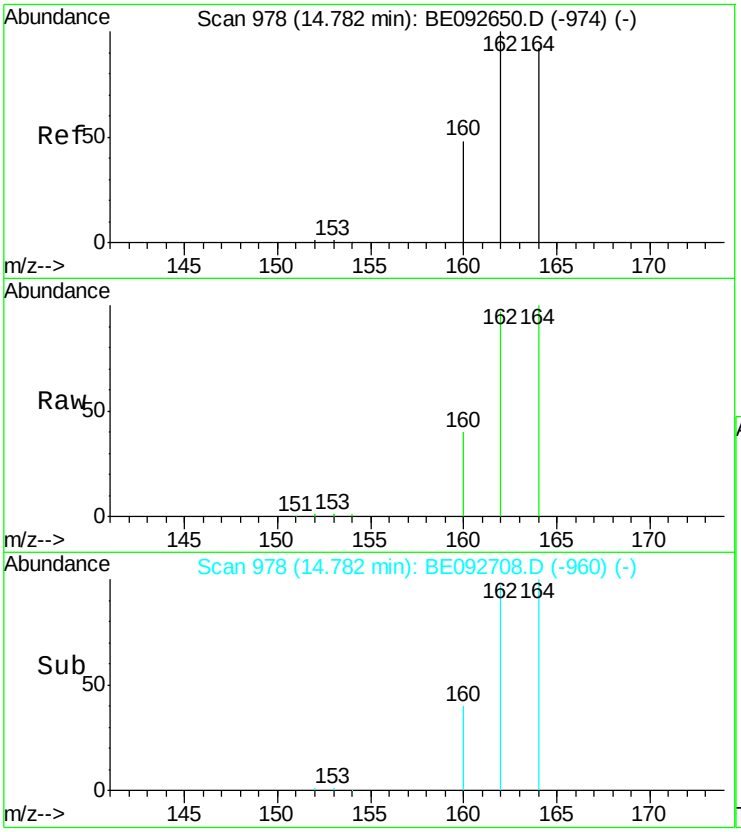


#11
2-Methylnaphthalene
Concen: 0.77 ng
RT: 12.81 min Scan# 830
Delta R.T. 0.20 min
Lab File: BE092708.D
Acq: 1 Feb 2017 10:36

Tgt Ion:142 Resp: 5113

Ion	Ratio	Lower	Upper
142	100		
141	86.6	73.7	110.5
115	34.8	34.0	51.0



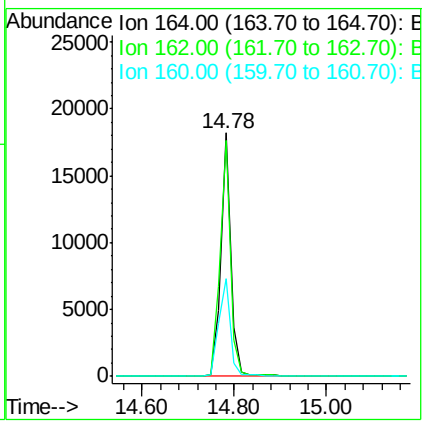


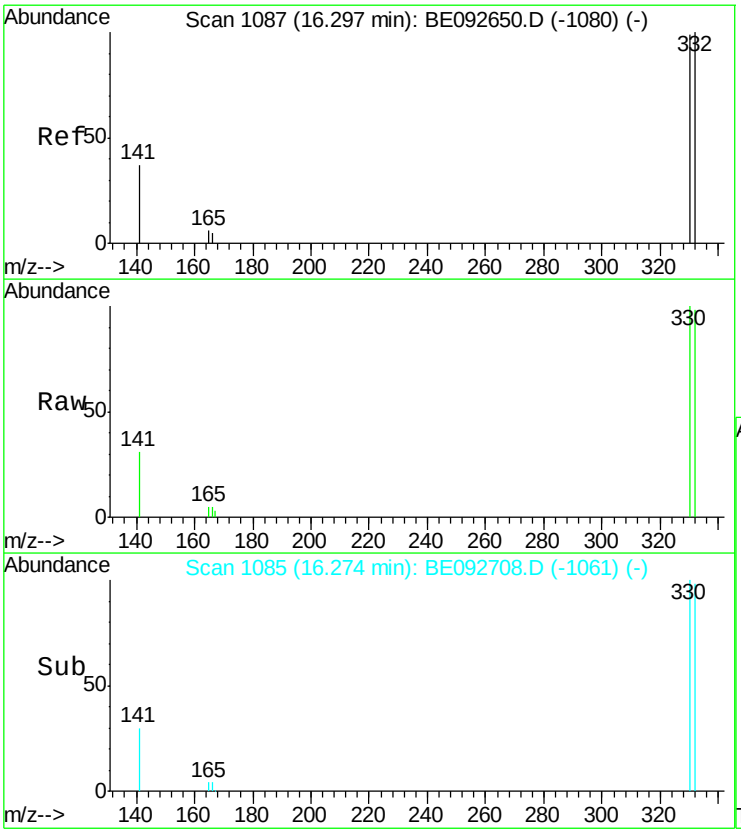
#12
Acenaphthene-d10
Concen: 5.00 ng
RT: 14.78 min Scan# 978
Delta R.T. 0.00 min
Lab File: BE092708.D
Acq: 1 Feb 2017 10:36

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:164 Resp: 27928

Ion	Ratio	Lower	Upper
164	100		
162	96.8	71.4	107.0
160	40.0	27.4	41.2

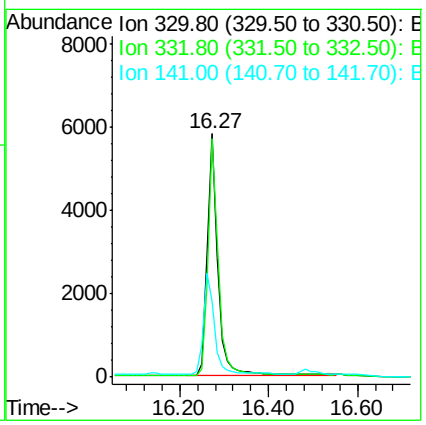


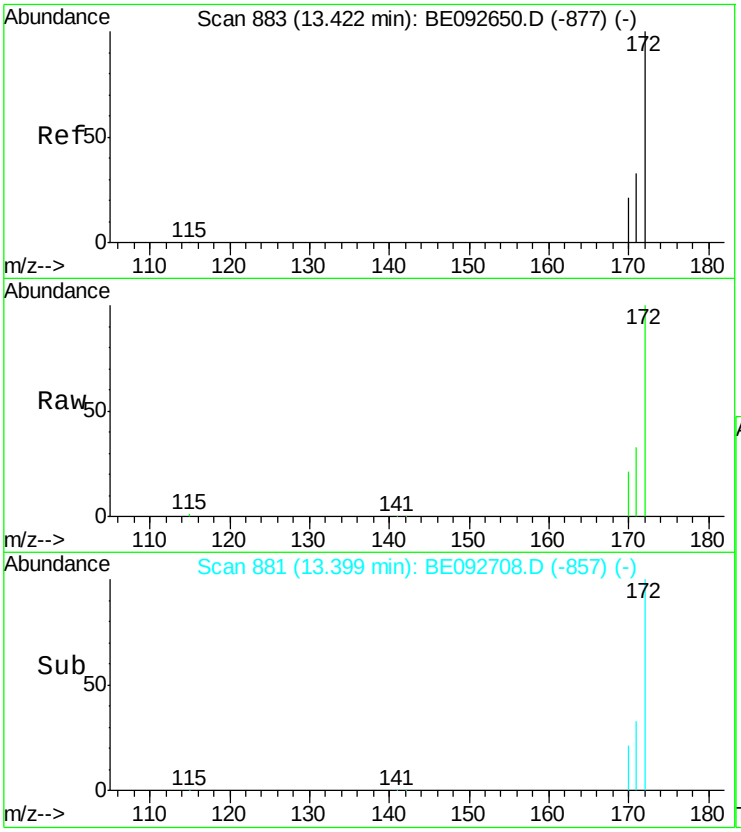


#13
2,4,6-Tribromophenol
Concen: 11.62 ng
RT: 16.27 min Scan# 1085
Delta R.T. -0.02 min
Lab File: BE092708.D
Acq: 1 Feb 2017 10:36

Tgt Ion:330 Resp: 9631

Ion	Ratio	Lower	Upper
330	100		
332	97.3	75.4	113.0
141	44.0	31.0	46.6



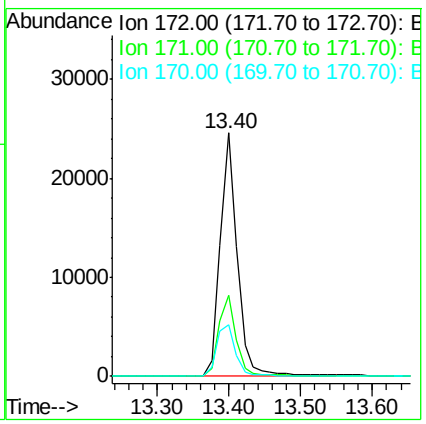


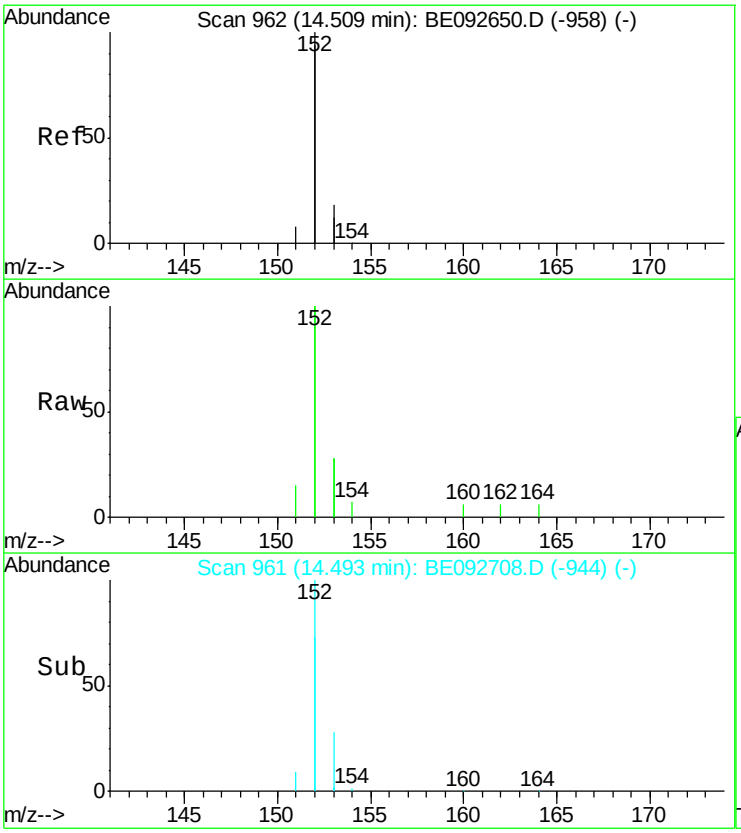
#14
2-Fluorobiphenyl
Concen: 5.89 ng
RT: 13.40 min Scan# 881
Delta R.T. -0.02 min
Lab File: BE092708.D
Acq: 1 Feb 2017 10:36

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:172 Resp: 40438

Ion	Ratio	Lower	Upper
172	100		
171	33.1	30.1	45.1
170	21.3	21.8	32.6#

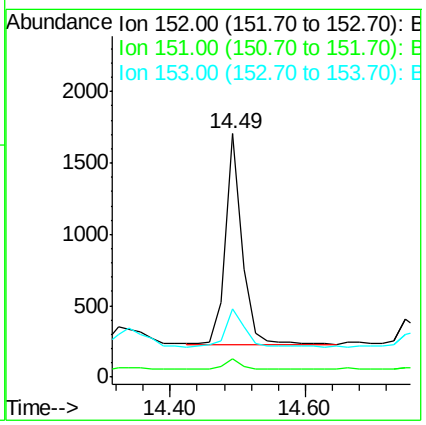


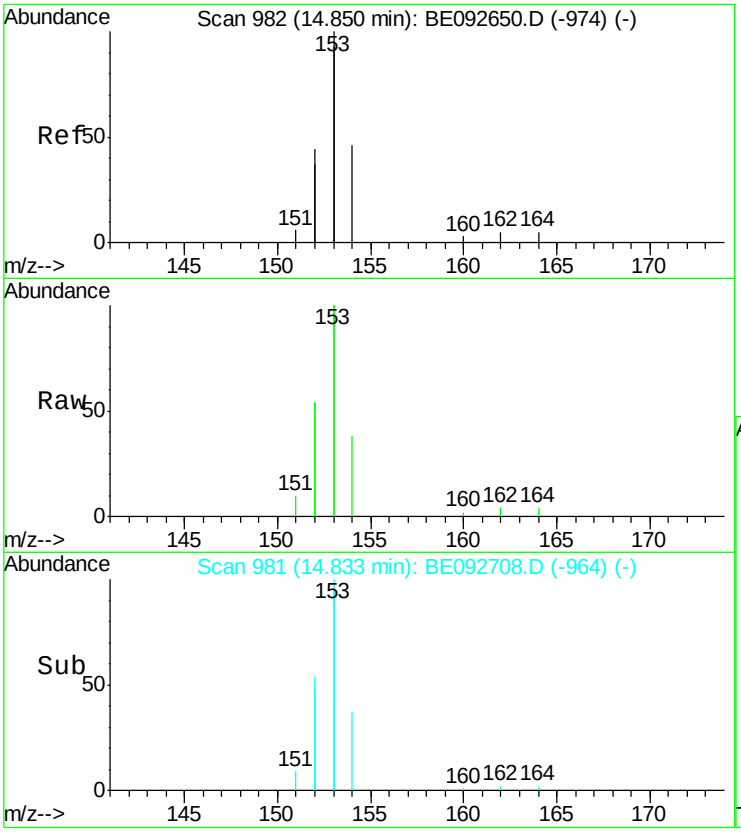


#15
Acenaphthylene
Concen: 0.07 ng
RT: 14.49 min Scan# 961
Delta R.T. -0.02 min
Lab File: BE092708.D
Acq: 1 Feb 2017 10:36

Tgt Ion:152 Resp: 2514

Ion	Ratio	Lower	Upper
152	100		
151	5.8	3.9	5.9
153	20.2	10.4	15.6#



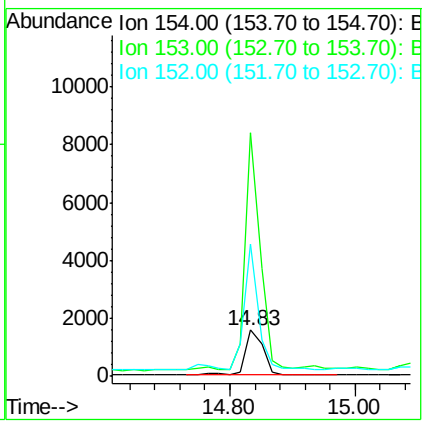


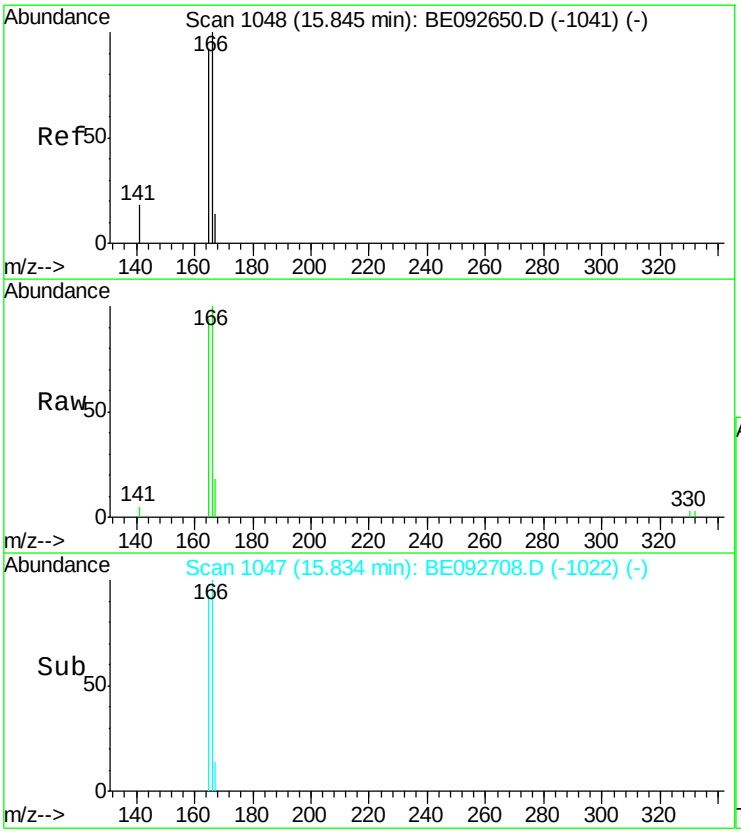
#16
Acenaphthene
Concen: 0.49 ng
RT: 14.83 min Scan# 981
Delta R.T. -0.02 min
Lab File: BE092708.D
Acq: 1 Feb 2017 10:36

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:154 Resp: 3000

Ion	Ratio	Lower	Upper
154	100		
153	456.2	350.8	526.2
152	222.4	171.1	256.7

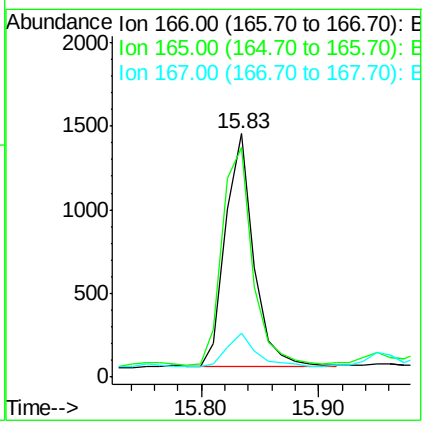


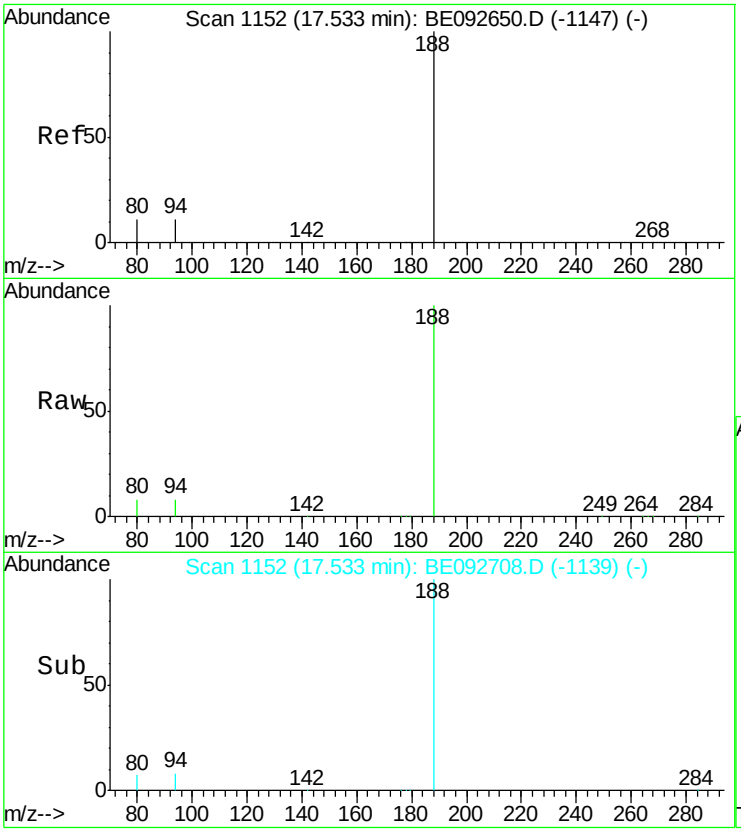


#17
Fluorene
Concen: 0.30 ng
RT: 15.83 min Scan# 1047
Delta R.T. -0.01 min
Lab File: BE092708.D
Acq: 1 Feb 2017 10:36

Tgt Ion:166 Resp: 2342

Ion	Ratio	Lower	Upper
166	100		
165	99.8	78.2	117.4
167	15.5	11.0	16.4



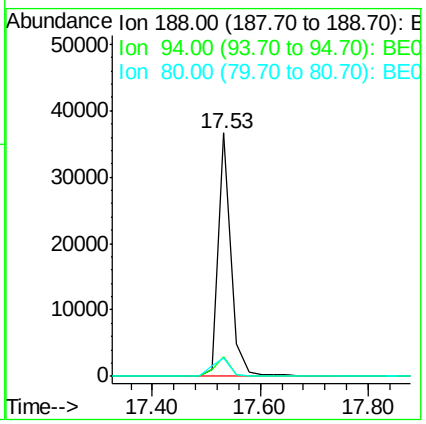


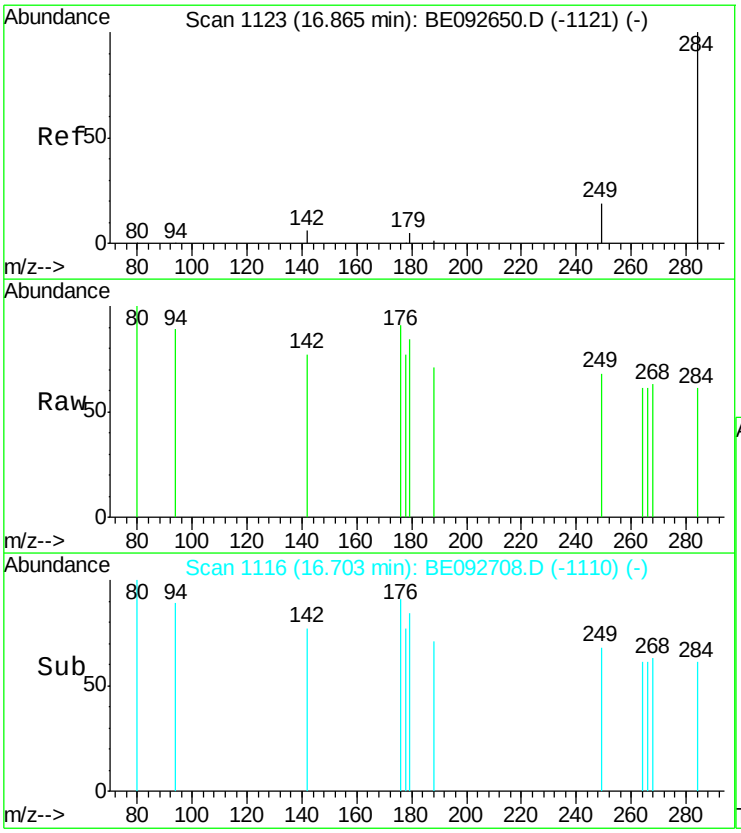
#18
Phenanthrene-d10
Concen: 5.00 ng
RT: 17.53 min Scan# 1152
Delta R.T. -0.00 min
Lab File: BE092708.D
Acq: 1 Feb 2017 10:36

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:188 Resp: 60907

Ion	Ratio	Lower	Upper
188	100		
94	8.2	3.2	4.8#
80	7.6	2.6	3.8#

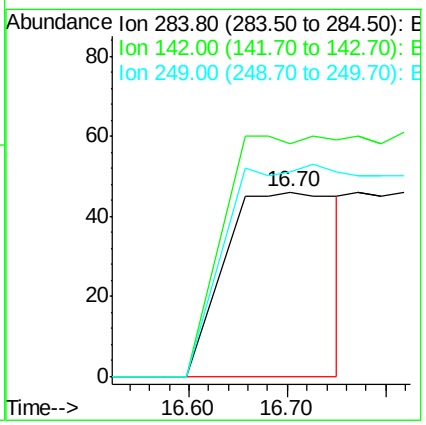


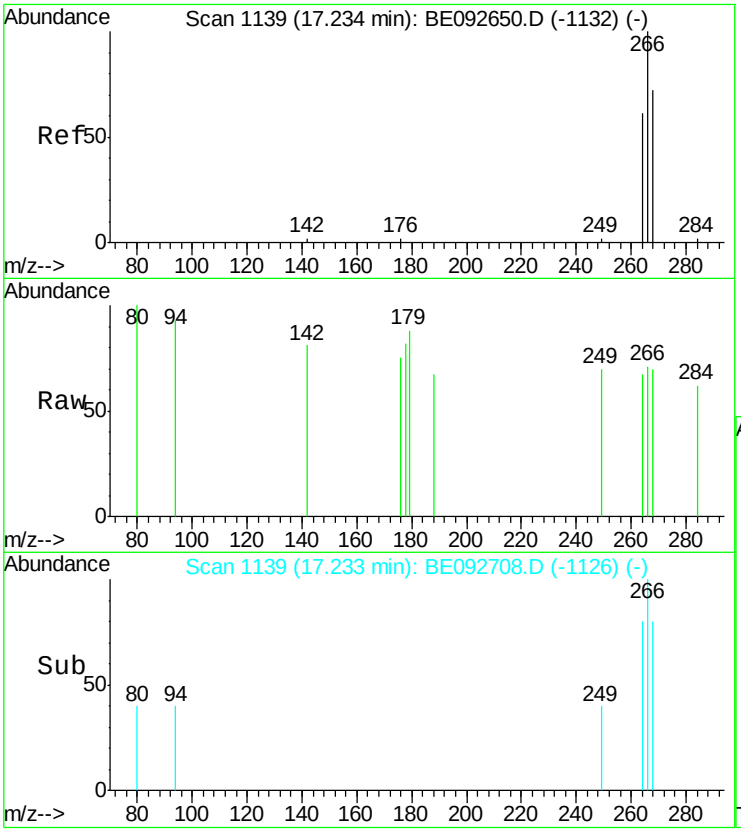


#19
Hexachlorobenzene
Concen: 0.12 ng
RT: 16.70 min Scan# 1116
Delta R.T. -0.16 min
Lab File: BE092708.D
Acq: 1 Feb 2017 10:36

Tgt Ion:284 Resp: 411

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



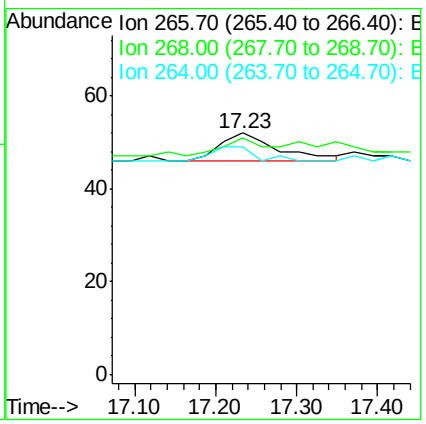


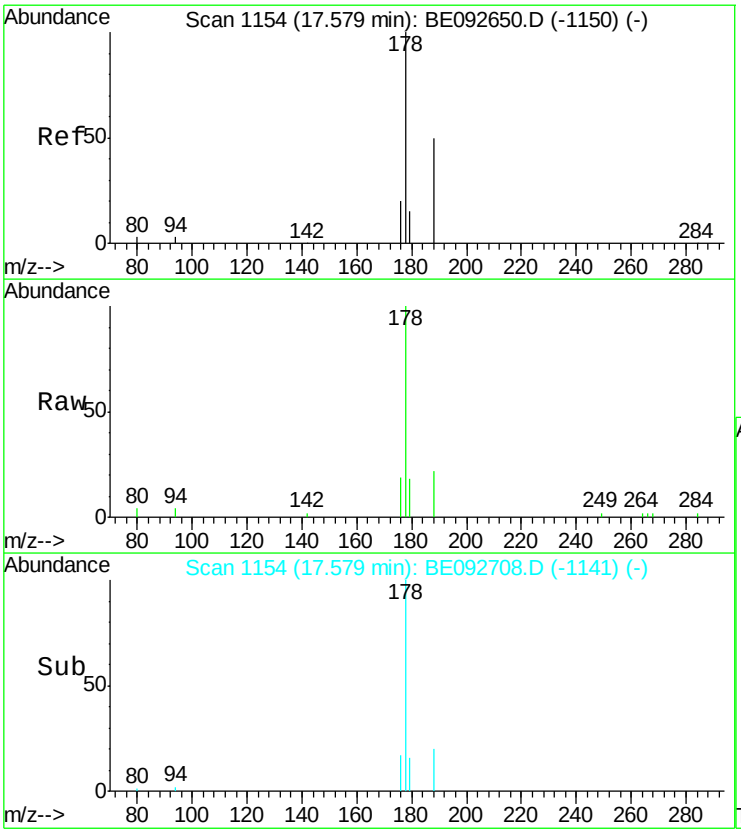
#20
Pentachlorophenol
Concen: 0.05 ng
RT: 17.23 min Scan# 1139
Delta R.T. 0.00 min
Lab File: BE092708.D
Acq: 1 Feb 2017 10:36

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:266 Resp: 29

Ion	Ratio	Lower	Upper
266	100		
268	98.1	62.5	93.7#
264	94.2	57.2	85.8#

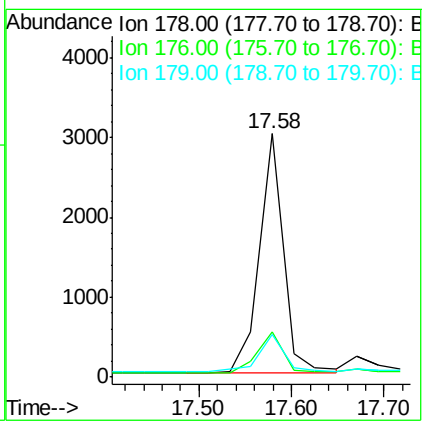


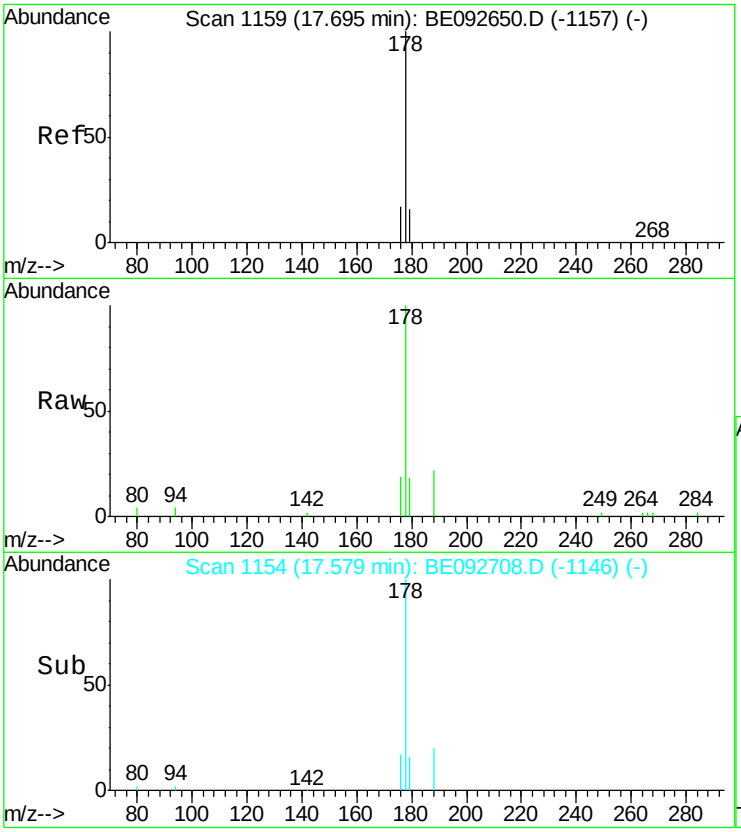


#21
Phenanthrene
Concen: 0.40 ng
RT: 17.58 min Scan# 1154
Delta R.T. -0.00 min
Lab File: BE092708.D
Acq: 1 Feb 2017 10:36

Tgt Ion:178 Resp: 5321

Ion	Ratio	Lower	Upper
178	100		
176	18.7	15.8	23.8
179	17.1	16.0	24.0



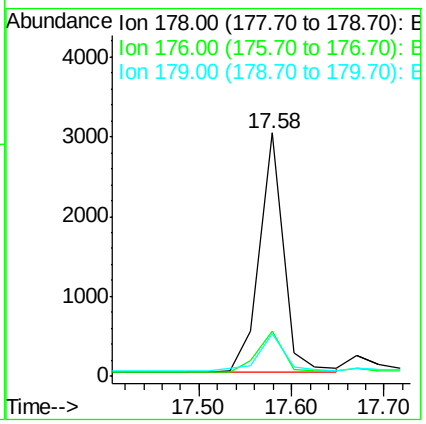


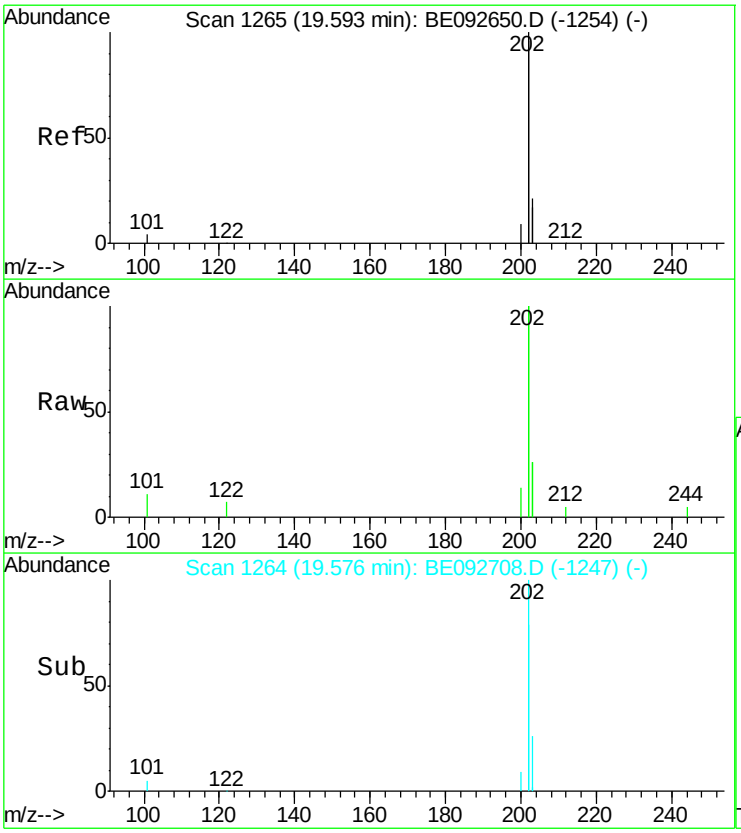
#22
Anthracene
Concen: 0.43 ng
RT: 17.58 min Scan# 1154
Delta R.T. -0.12 min
Lab File: BE092708.D
Acq: 1 Feb 2017 10:36

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:178 Resp: 5321

Ion	Ratio	Lower	Upper
178	100		
176	18.7	15.0	22.4
179	17.1	12.2	18.2

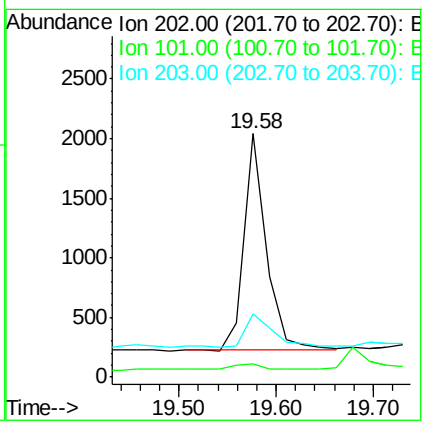


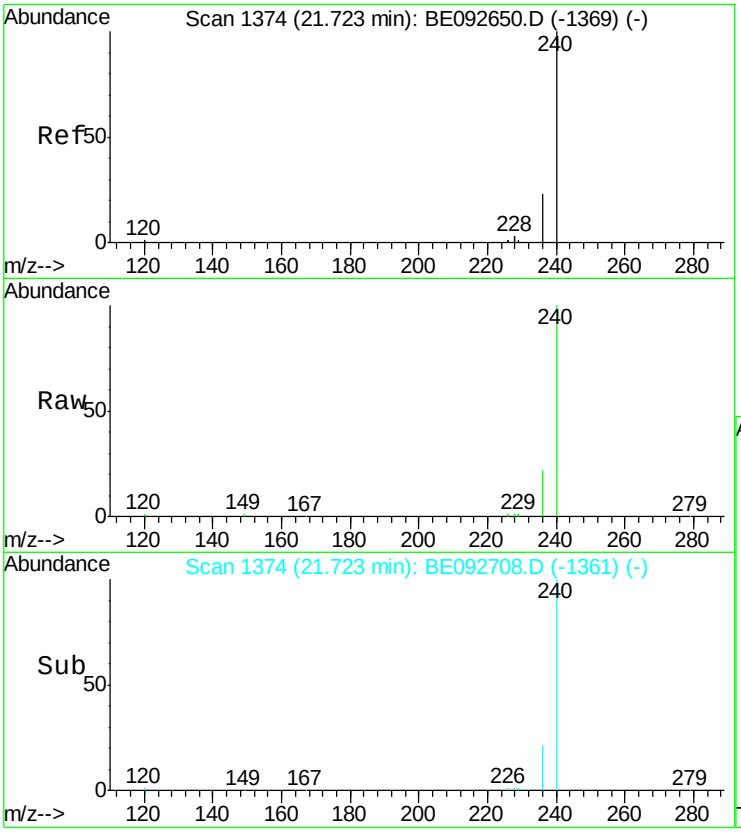


#23
Fluoranthene
Concen: 0.05 ng
RT: 19.58 min Scan# 1264
Delta R.T. -0.02 min
Lab File: BE092708.D
Acq: 1 Feb 2017 10:36

Tgt Ion:202 Resp: 2912

Ion	Ratio	Lower	Upper
202	100		
101	3.7	2.2	3.4#
203	19.4	13.7	20.5



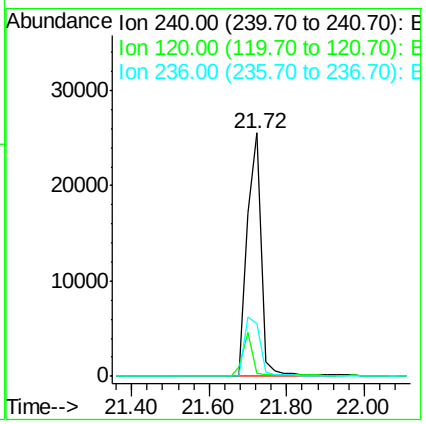


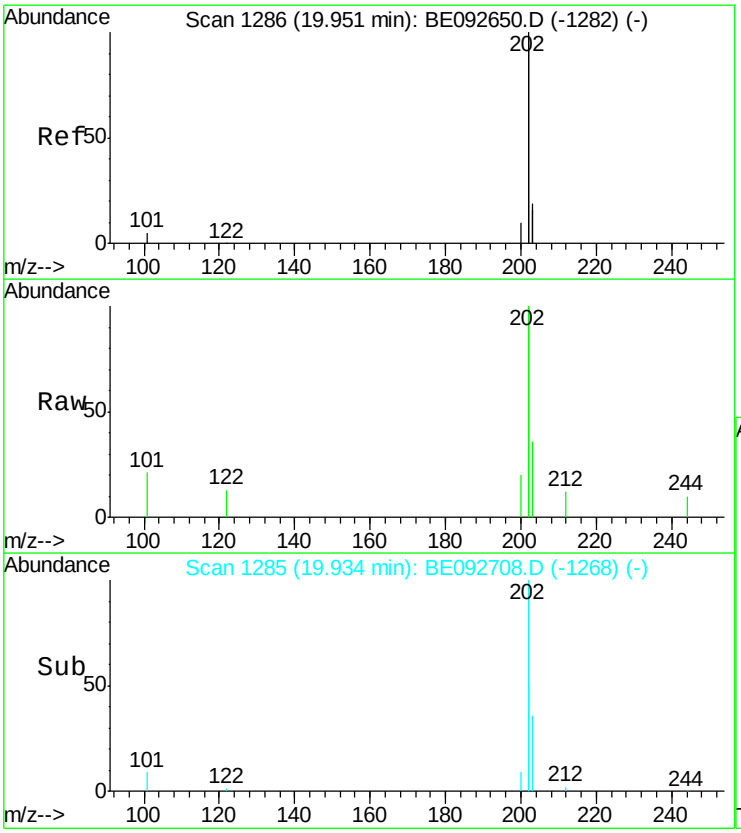
#24
Chrysene-d12
Concen: 5.00 ng
RT: 21.72 min Scan# 1374
Delta R.T. -0.00 min
Lab File: BE092708.D
Acq: 1 Feb 2017 10:36

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:240 Resp: 61990

Ion	Ratio	Lower	Upper
240	100		
120	1.3	2.6	4.0#
236	21.5	24.6	37.0#

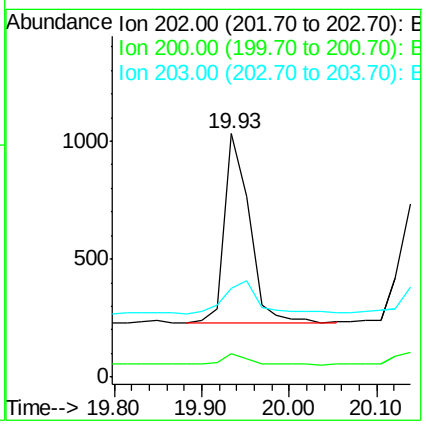


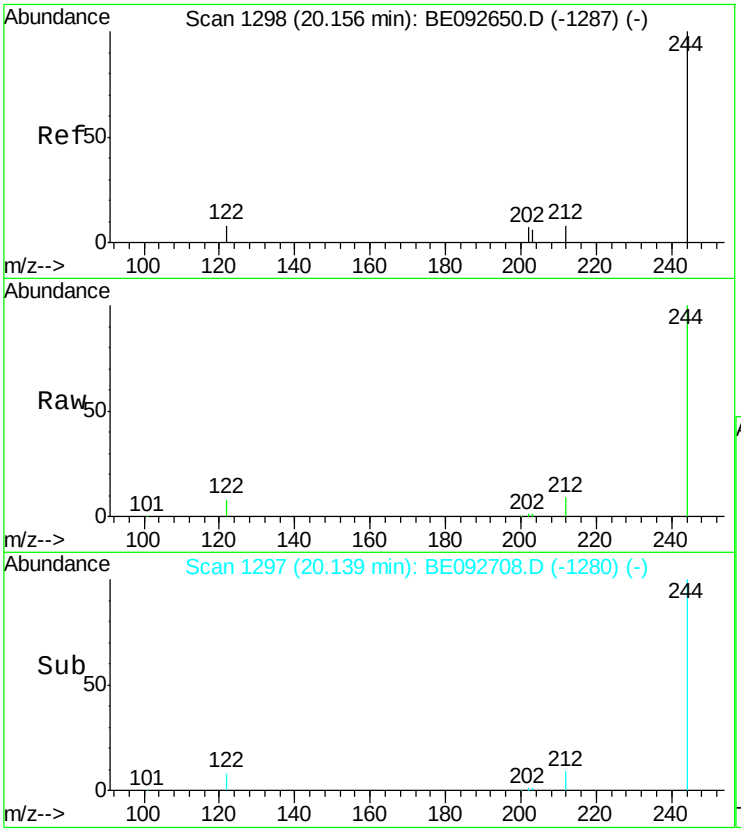


#25
Pyrene
Concen: 0.03 ng
RT: 19.93 min Scan# 1285
Delta R.T. -0.02 min
Lab File: BE092708.D
Acq: 1 Feb 2017 10:36

Tgt Ion:202 Resp: 1570

Ion	Ratio	Lower	Upper
202	100		
200	5.9	4.2	6.4
203	22.7	13.9	20.9#



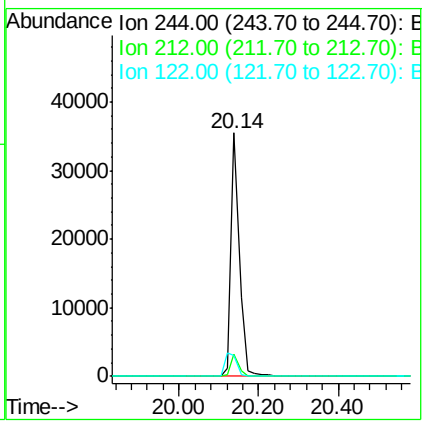


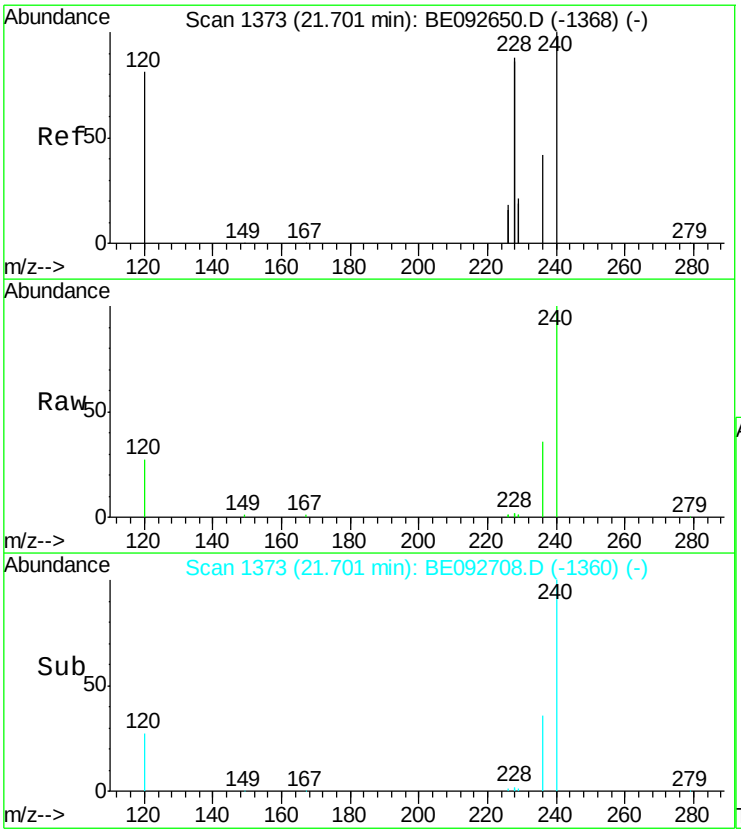
#26
Terphenyl-d14
Concen: 5.80 ng
RT: 20.14 min Scan# 1297
Delta R.T. -0.02 min
Lab File: BE092708.D
Acq: 1 Feb 2017 10:36

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:244 Resp: 50841

Ion	Ratio	Lower	Upper
244	100		
212	9.3	6.7	10.1
122	8.4	3.6	5.4#

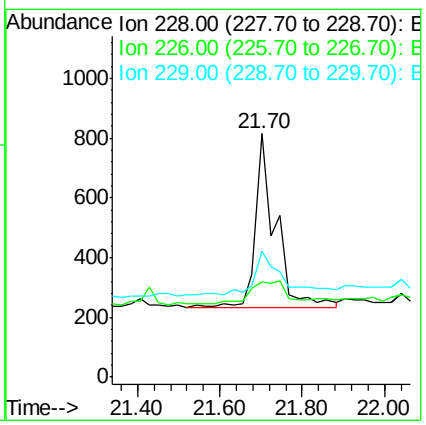


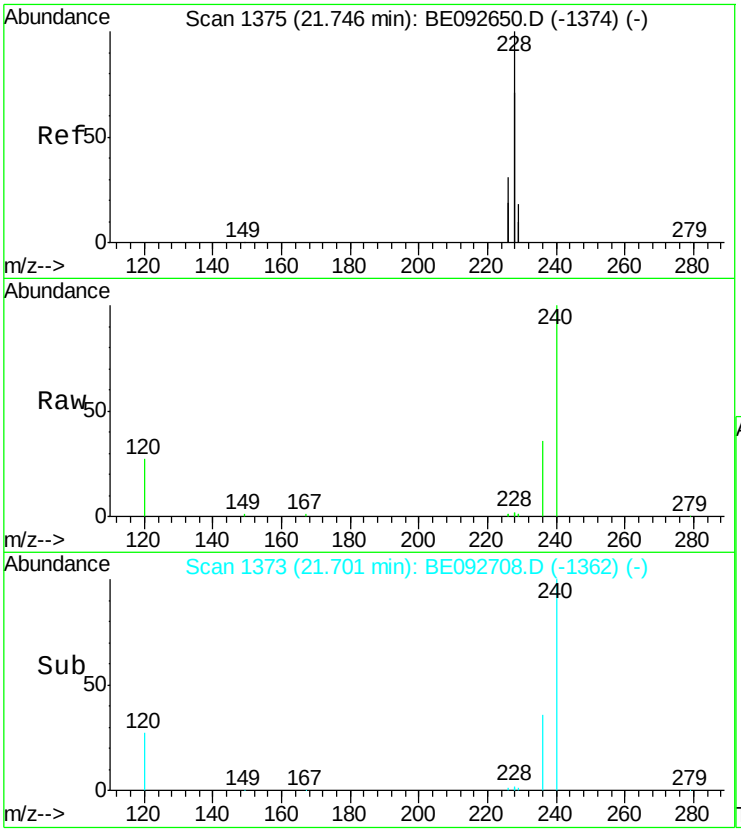


#27
Benzo(a)anthracene
Concen: 0.03 ng
RT: 21.70 min Scan# 1373
Delta R.T. -0.00 min
Lab File: BE092708.D
Acq: 1 Feb 2017 10:36

Tgt Ion:228 Resp: 1970

Ion	Ratio	Lower	Upper
228	100		
226	39.0	23.6	35.4#
229	52.0	13.3	19.9#



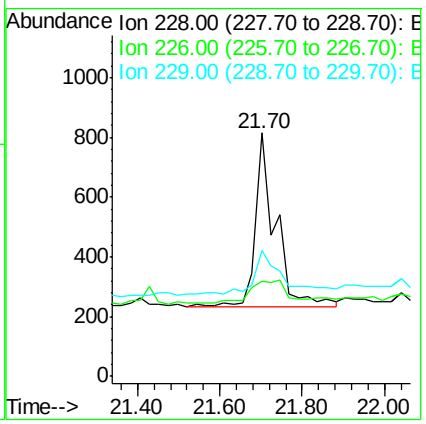


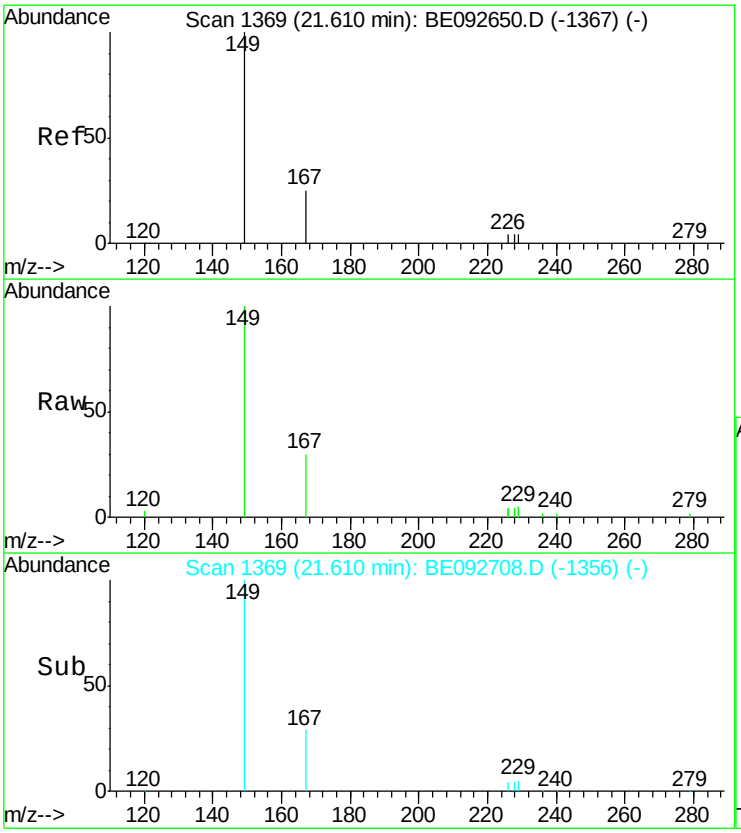
#28
Chrysene
Concen: 0.03 ng
RT: 21.70 min Scan# 1373
Delta R.T. -0.05 min
Lab File: BE092708.D
Acq: 1 Feb 2017 10:36

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:228 Resp: 1970

Ion	Ratio	Lower	Upper
228	100		
226	39.0	36.3	54.5
229	52.0	10.6	16.0#

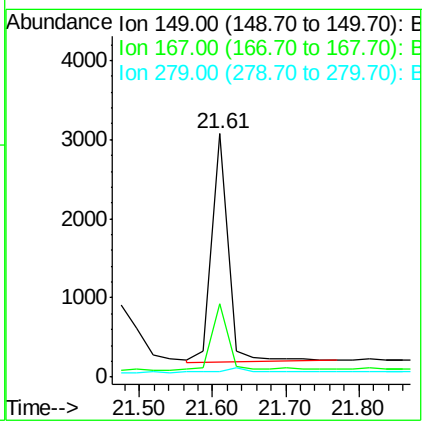


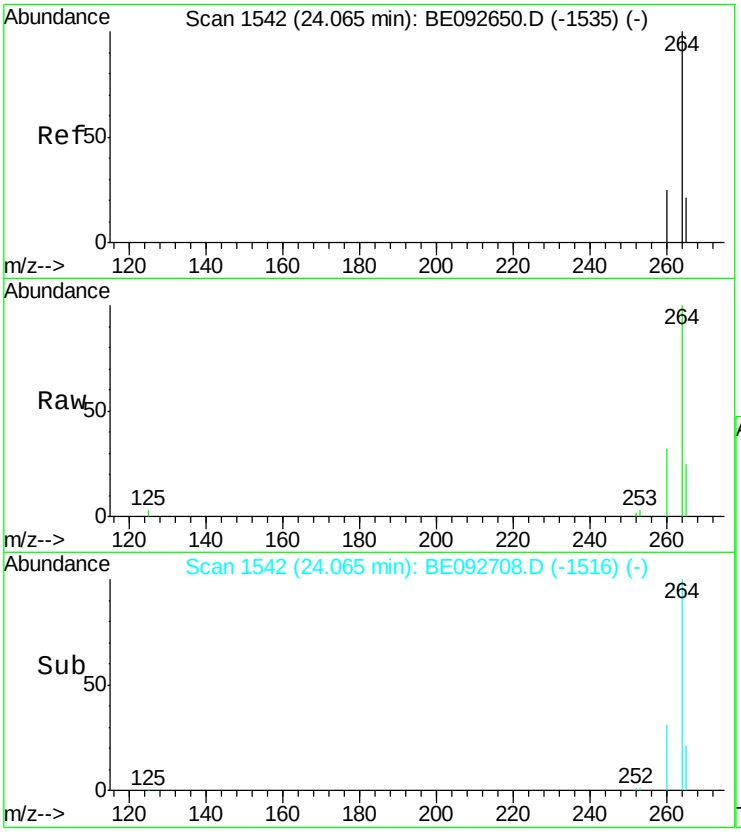


#29
Bis(2-ethylhexyl)phthalate
Concen: 0.56 ng
RT: 21.61 min Scan# 1369
Delta R.T. 0.00 min
Lab File: BE092708.D
Acq: 1 Feb 2017 10:36

Tgt Ion:149 Resp: 4450

Ion	Ratio	Lower	Upper
149	100		
167	28.0	16.0	24.0#
279	0.0	16.0	24.0#



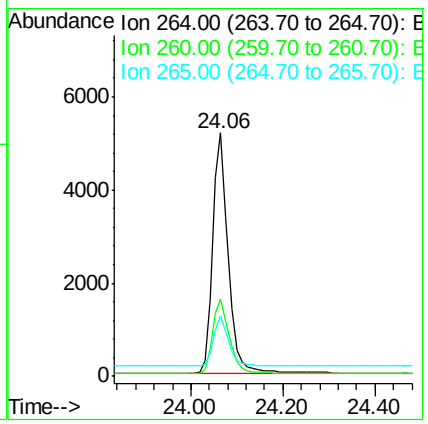


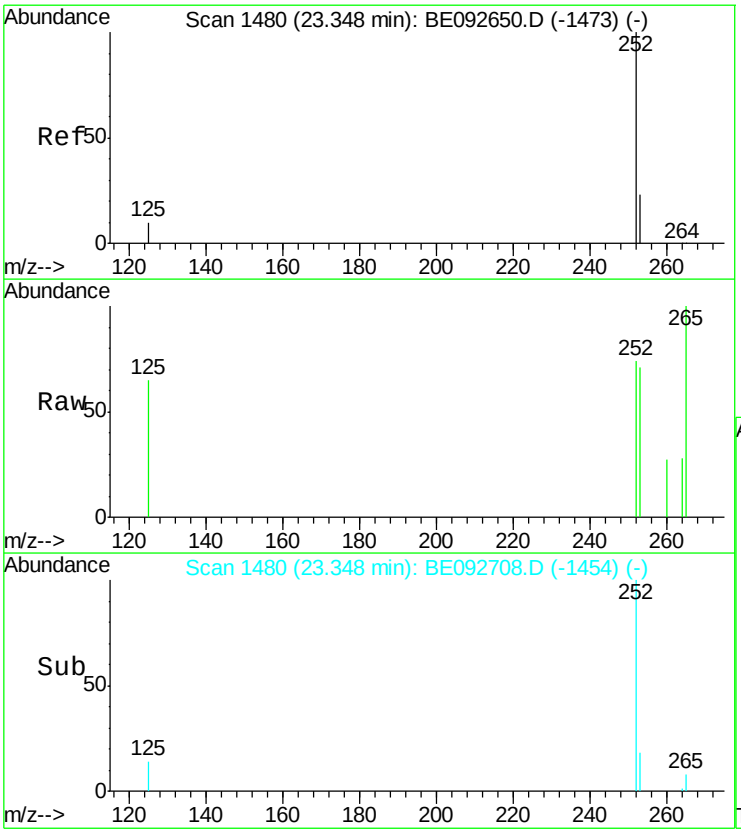
#31
Perylene-d12
Concen: 5.00 ng
RT: 24.06 min Scan# 1542
Delta R.T. -0.00 min
Lab File: BE092708.D
Acq: 1 Feb 2017 10:36

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:264 Resp: 12209

Ion	Ratio	Lower	Upper
264	100		
260	31.7	20.1	30.1#
265	24.7	17.9	26.9

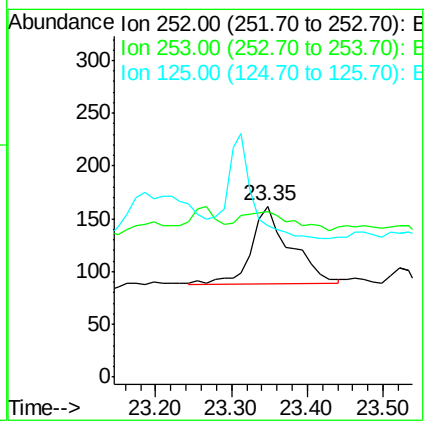


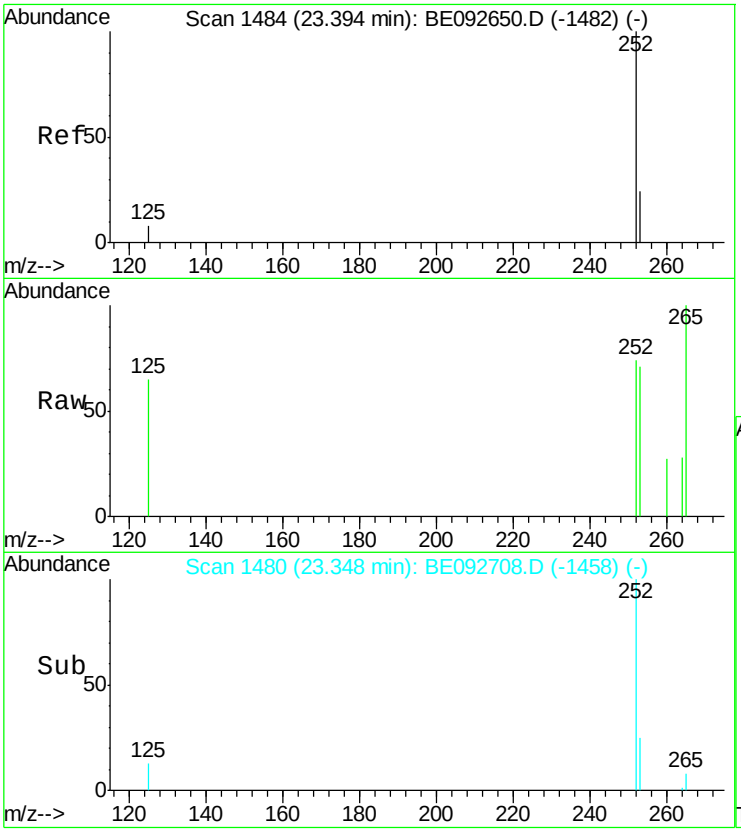


#32
Benzo(b)fluoranthene
Concen: 0.09 ng
RT: 23.35 min Scan# 1480
Delta R.T. -0.00 min
Lab File: BE092708.D
Acq: 1 Feb 2017 10:36

Tgt Ion:252 Resp: 259

Ion	Ratio	Lower	Upper
252	100		
253	96.9	18.7	28.1#
125	88.3	10.5	15.7#



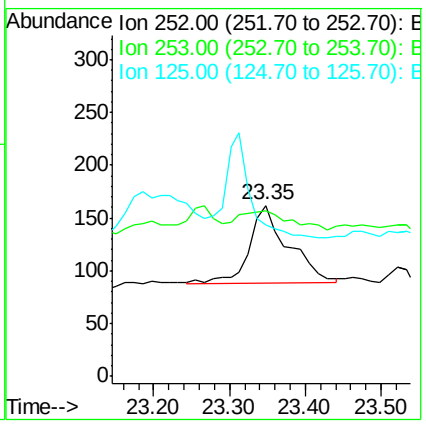


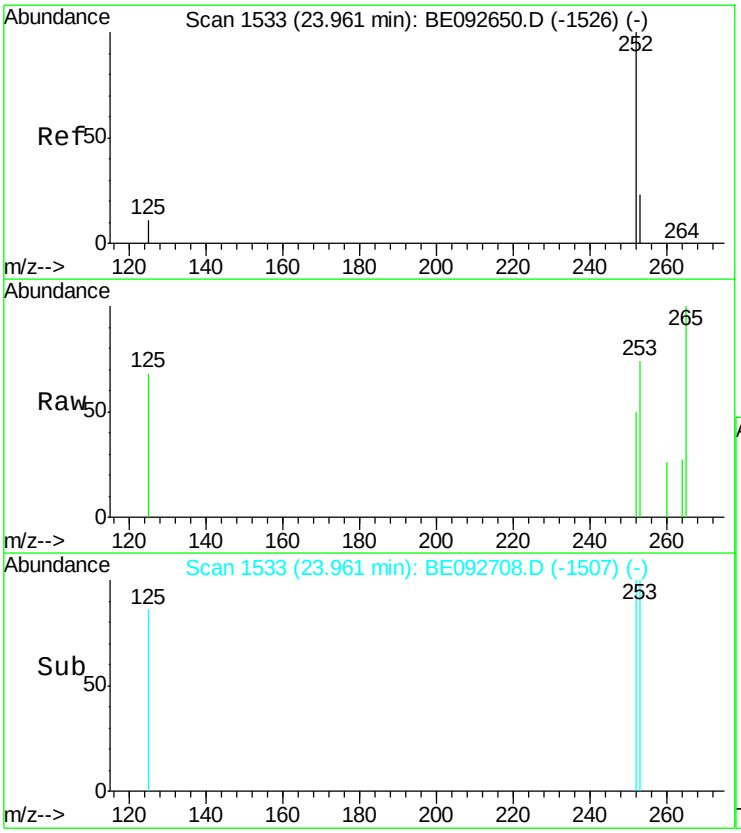
#33
Benzo(k)fluoranthene
Concen: 0.09 ng
RT: 23.35 min Scan# 1480
Delta R.T. -0.05 min
Lab File: BE092708.D
Acq: 1 Feb 2017 10:36

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:252 Resp: 259

Ion	Ratio	Lower	Upper
252	100		
253	96.9	20.3	30.5#
125	88.3	9.6	14.4#

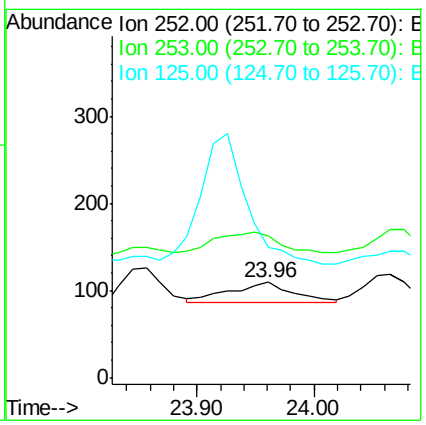


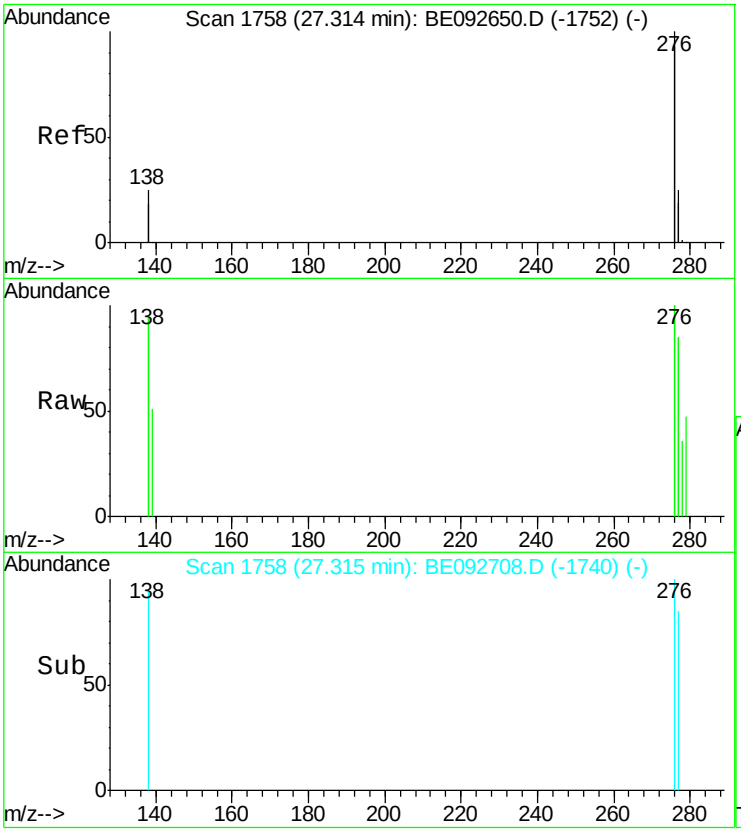


#34
Benzo(a)pyrene
Concen: 0.03 ng
RT: 23.96 min Scan# 1533
Delta R.T. -0.00 min
Lab File: BE092708.D
Acq: 1 Feb 2017 10:36

Tgt Ion:252 Resp: 86

Ion	Ratio	Lower	Upper
252	100		
253	149.5	19.0	28.6#
125	137.6	11.8	17.8#





#36
Benzo(g,h,i)perylene
Concen: 0.03 ng
RT: 27.31 min Scan# 1758
Delta R.T. 0.00 min
Lab File: BE092708.D
Acq: 1 Feb 2017 10:36

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:276 Resp: 376

Ion	Ratio	Lower	Upper
276	100		
277	85.0	19.8	29.8#
138	94.4	19.8	29.6#