Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA E\DATA\BE012417\
Data File : BE092681.D
Acq On : 25 Jan 2017 00:47
Operator : UM/SJ
Sample : I1378-09MSD 10X
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument : BNA_E
ClientSampleId :

Quant Time: Jan 25 11:10:23 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	10677	5.00	ng		0.00
7) Naphthalene-d8	10.91	136	54427	5.00	ng		0.00
12) Acenaphthene-d10	14.78	164	36042	5.00	ng		0.00
18) Phenanthrene-d10	17.53	188	76473	5.00	ng		0.00
24) Chrysene-d12	21.72	240	72863	5.00	ng		0.00
31) Perylene-d12	24.07	264	75723	5.00	ng		0.00
System Monitoring Compounds							
4) 2-Fluorophenol	5.65	112	2124	0.89	ng		0.00
5) Phenol-d6	7.31	99	3090	1.06	ng		-0.02
8) Nitrobenzene-d5	9.32	82	1516	0.43	ng		-0.02
13) 2,4,6-Tribromophenol	16.31	330	746	0.82	ng		0.01
14) 2-Fluorobiphenyl	13.41	172	3969	0.45	ng		-0.01
26) Terphenyl-d14	20.16	244	4707	0.46	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.39	88	660	0.40	ng	#	93
3) n-Nitrosodimethylamine	3.77	42	728	0.38	ng	#	94
6) bis(2-Chloroethyl)ether	7.57	93	1365	0.44	ng	#	81
9) Naphthalene	10.95	128	6015	0.53	ng		96
10) Hexachlorobutadiene	11.24	225	827	0.49	ng		99
11) 2-Methylnaphthalene	12.60	142	3593	0.51	ng		94
15) Acenaphthylene	14.49	152	25470	0.51	ng		100
16) Acenaphthene	14.85	154	4293	0.54	ng		94
17) Fluorene	15.83	166	5403	0.54	ng		99
19) Hexachlorobenzene	16.87	284	1529	0.53	ng	#	39
20) Pentachlorophenol	17.28	266	547	0.70	ng		97
21) Phenanthrene	17.58	178	13589	0.81	ng	#	95
22) Anthracene	17.67	178	10709	0.69	ng		98
23) Fluoranthene	19.58	202	66567	0.89	ng		99
25) Pyrene	19.93	202	65962	0.92	ng		97
27) Benzo(a)anthracene	21.70	228	50759	0.71	ng	#	80
28) Chrysene	21.70	228	50759	0.63	ng	#	62
29) Bis(2-ethylhexyl)phthalate	21.61	149	6828	0.67	ng	#	74
30) Indeno(1,2,3-cd)pyrene	26.53	276	49367	0.57	ng		97
32) Benzo(b)fluoranthene	23.34	252	12476	0.68	ng		99
33) Benzo(k)fluoranthene	23.38	252	11284	0.61	ng		97
34) Benzo(a)pyrene	23.95	252	11931	0.69	ng		99
35) Dibenzo(a,h)anthracene	26.56	278	8901	0.53	ng		99
36) Benzo(g,h,i)perylene	27.30	276	44198	0.62	ng		99

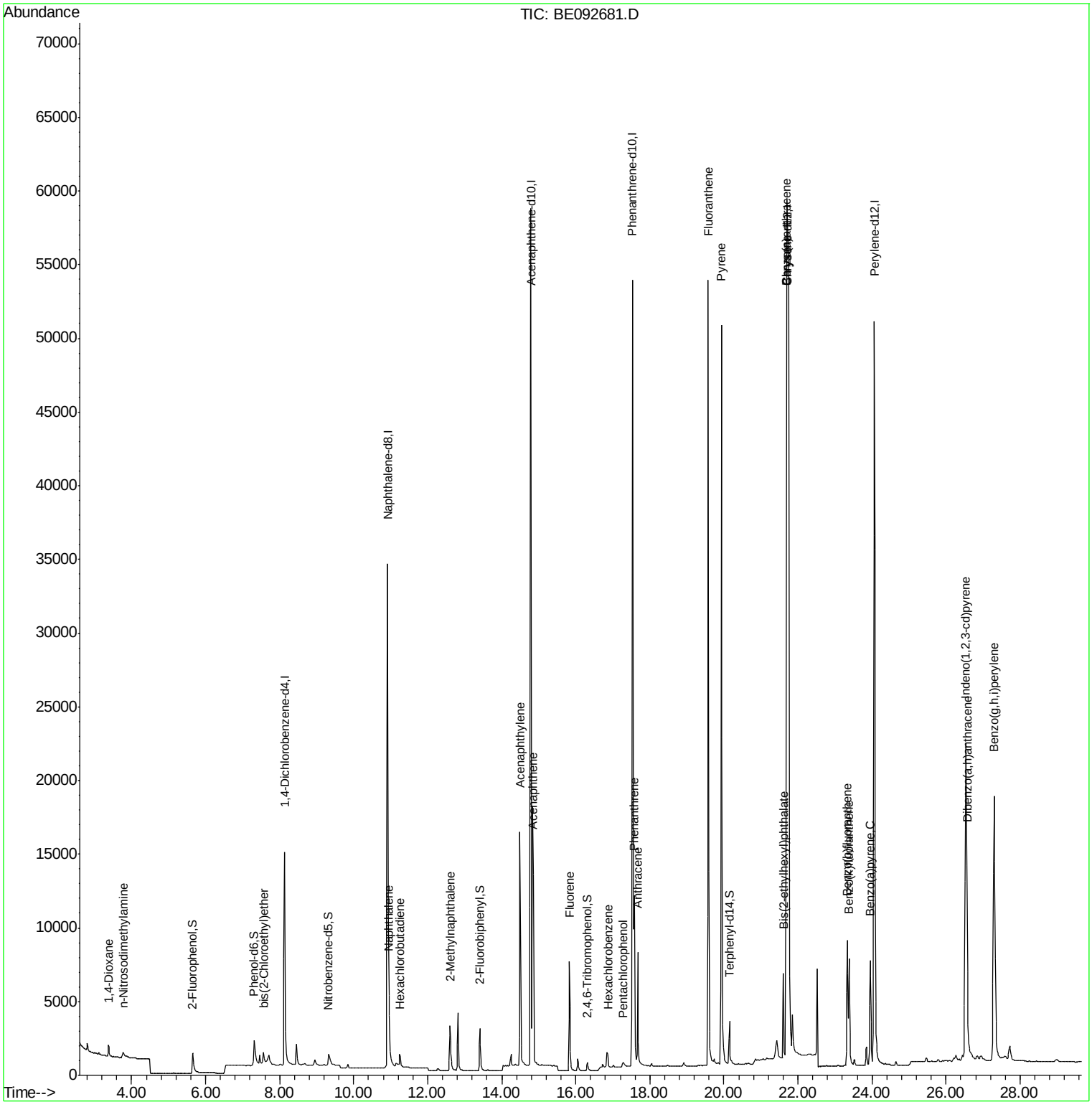
(#) = qualifier out of range (m) = manual integration (+) = signals summed

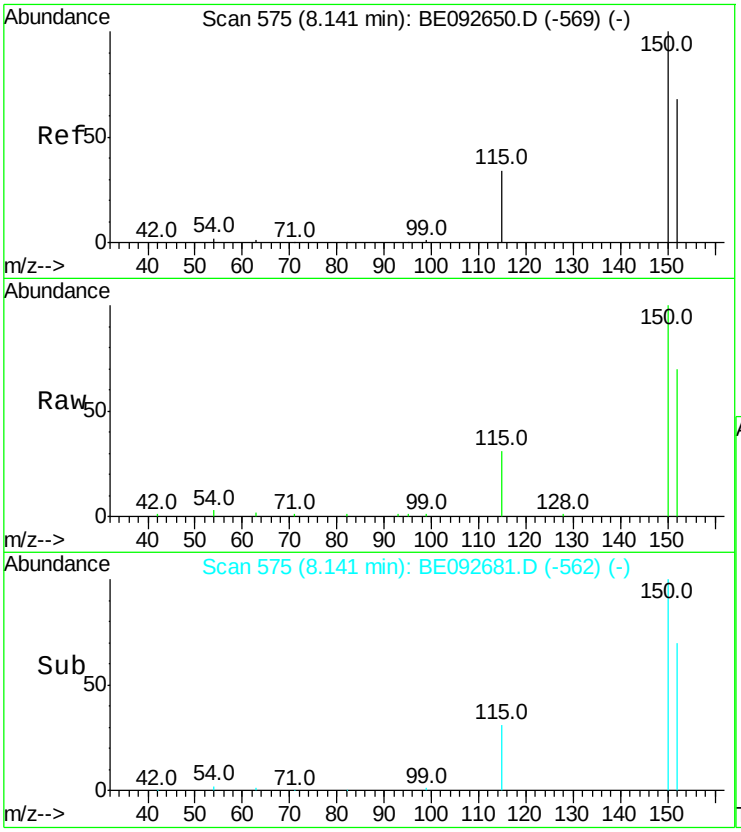
Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA E\DATA\BE012417\
Data File : BE092681.D
Acq On : 25 Jan 2017 00:47
Operator : UM/SJ
Sample : I1378-09MSD 10X
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument :
BNA_E
ClientSampleId :

Quant Time: Jan 25 11:10:23 2017
Quant Method : Z:\HPCHEM1\BNA E\METHODS\8270-SIM-BE011617.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Jan 17 10:14:01 2017
Response via : Initial Calibration



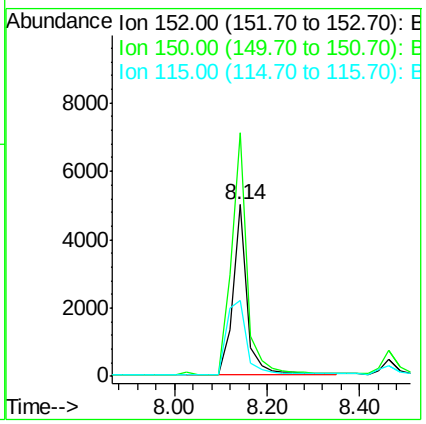


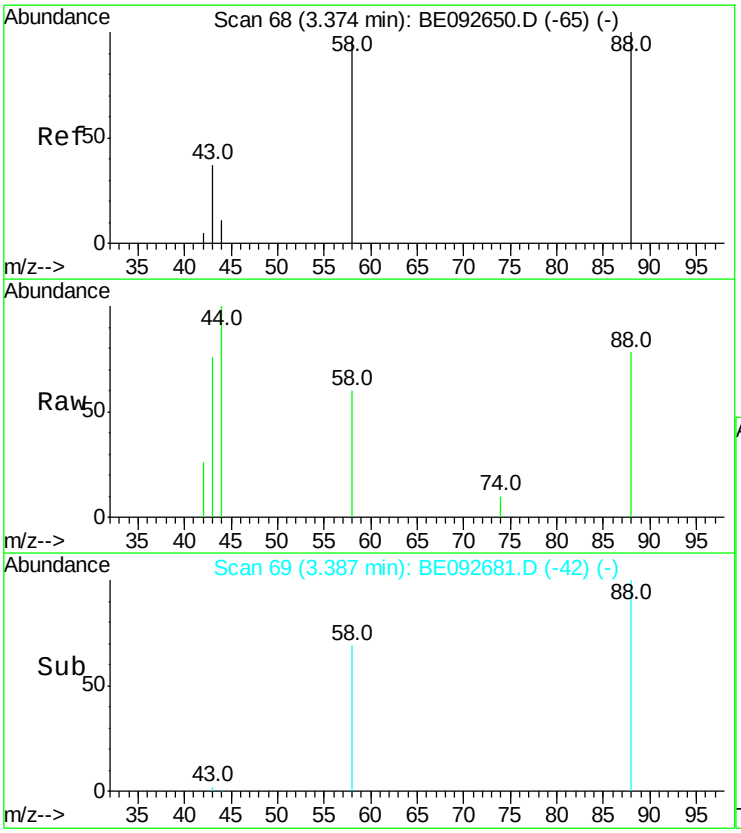
#1
1,4-Dichlorobenzene-d4
Concen: 5.00 ng
RT: 8.14 min Scan# 575
Delta R.T. 0.00 min
Lab File: BE092681.D
Acq: 25 Jan 2017 00:47

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:152 Resp: 10677

Ion	Ratio	Lower	Upper
152	100		
150	142.0	106.0	159.0
115	44.6	31.2	46.8

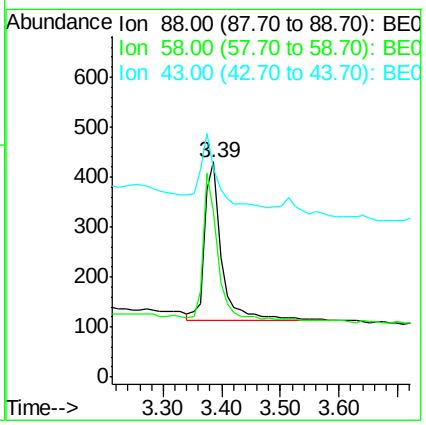


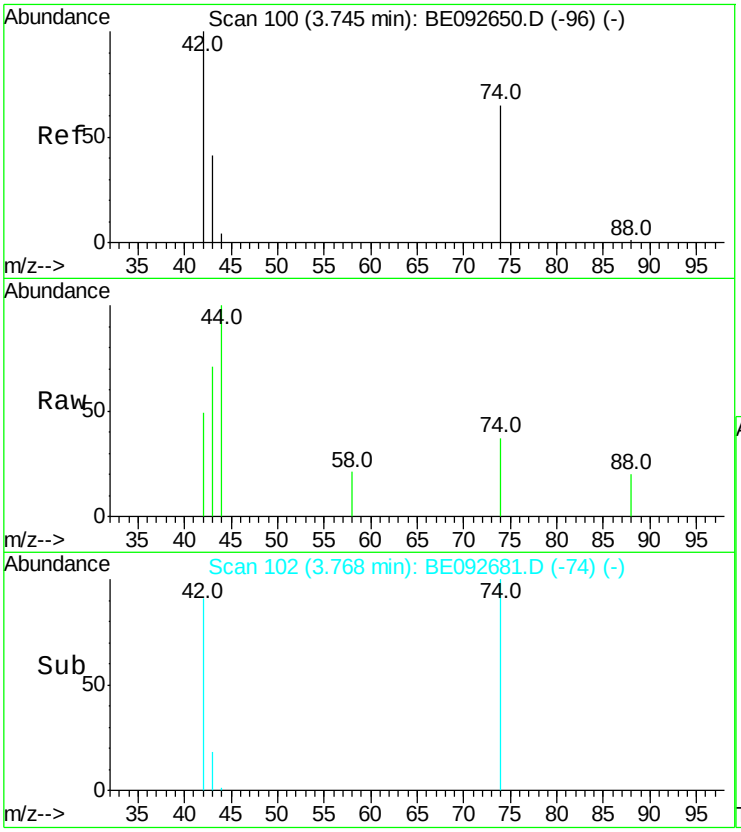


#2
1,4-Dioxane
Concen: 0.40 ng
RT: 3.39 min Scan# 69
Delta R.T. 0.01 min
Lab File: BE092681.D
Acq: 25 Jan 2017 00:47

Tgt Ion: 88 Resp: 660

Ion	Ratio	Lower	Upper
88	100		
58	77.3	63.6	95.4
43	44.4	28.0	42.0#



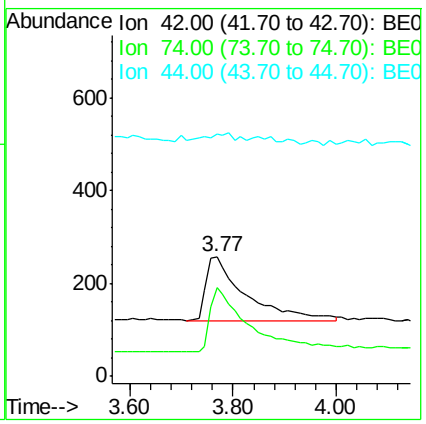


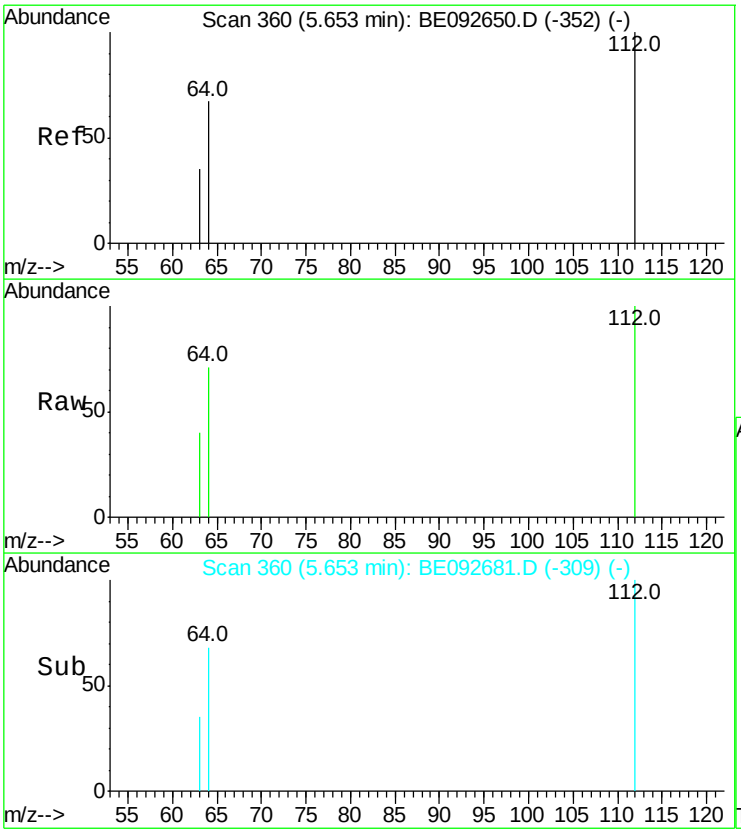
#3
n-Nitrosodimethylamine
Concen: 0.38 ng
RT: 3.77 min Scan# 102
Delta R.T. 0.02 min
Lab File: BE092681.D
Acq: 25 Jan 2017 00:47

Instrument :
BNA_E
ClientSampleId :

Tgt Ion: 42 Resp: 728

Ion	Ratio	Lower	Upper
42	100		
74	101.8	86.0	129.0
44	0.0	5.1	7.7#

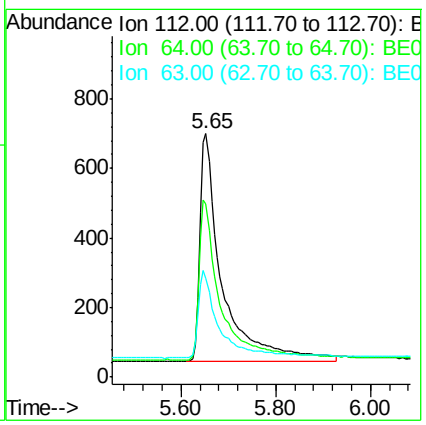


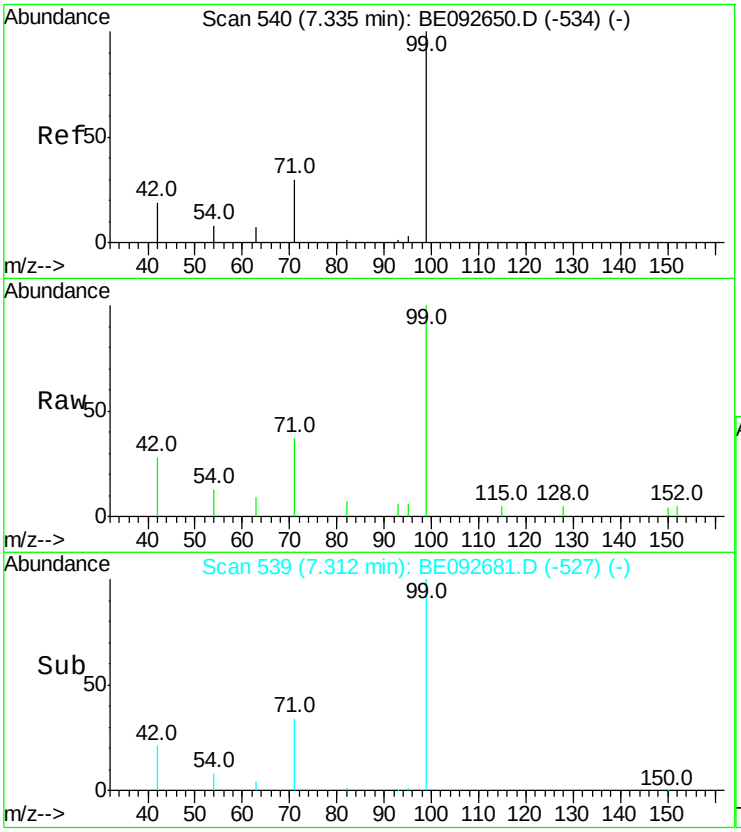


#4
2-Fluorophenol
Concen: 0.89 ng
RT: 5.65 min Scan# 360
Delta R.T. -0.00 min
Lab File: BE092681.D
Acq: 25 Jan 2017 00:47

Tgt Ion:112 Resp: 2124

Ion	Ratio	Lower	Upper
112	100		
64	70.1	53.5	80.3
63	36.4	27.9	41.9



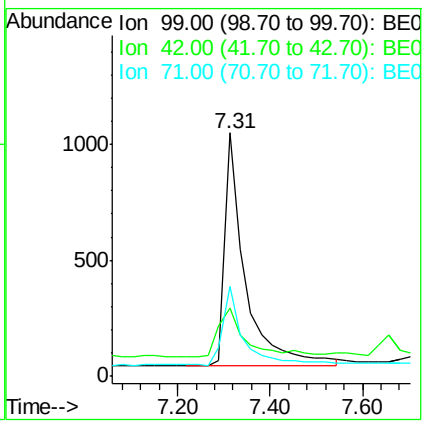


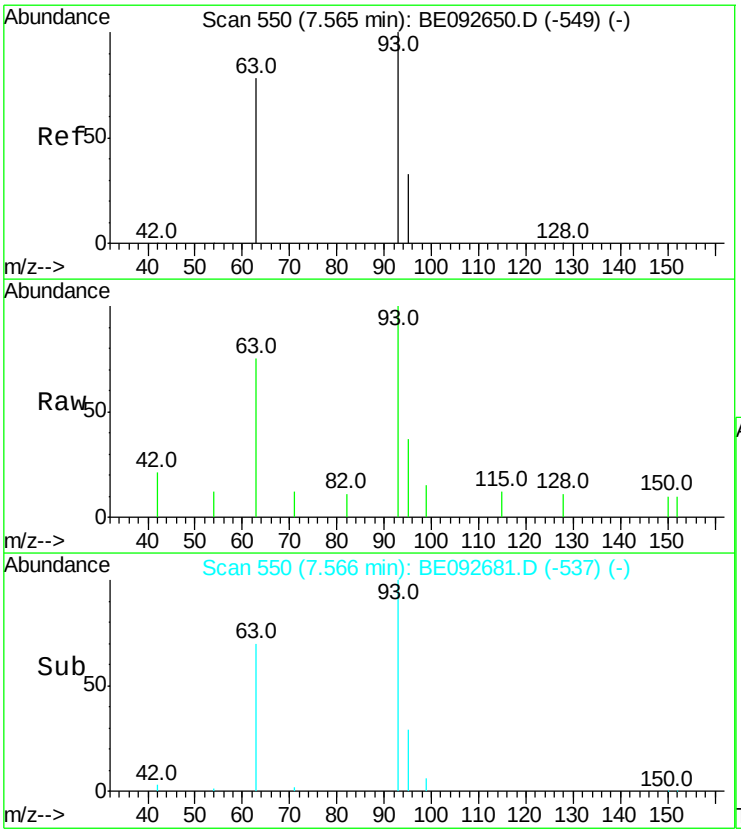
#5
Phenol-d6
Concen: 1.06 ng
RT: 7.31 min Scan# 539
Delta R.T. -0.02 min
Lab File: BE092681.D
Acq: 25 Jan 2017 00:47

Instrument :
BNA_E
ClientSampleId :

Tgt Ion: 99 Resp: 3090

Ion	Ratio	Lower	Upper
99	100		
42	27.9	16.0	24.0#
71	33.9	30.6	45.8

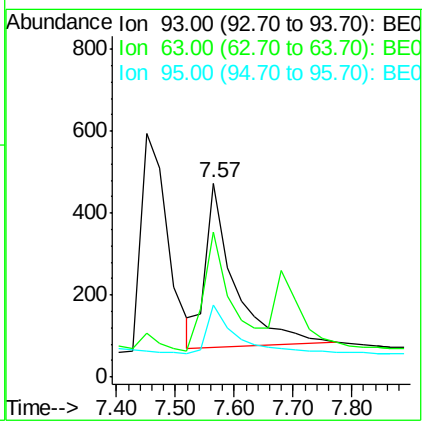


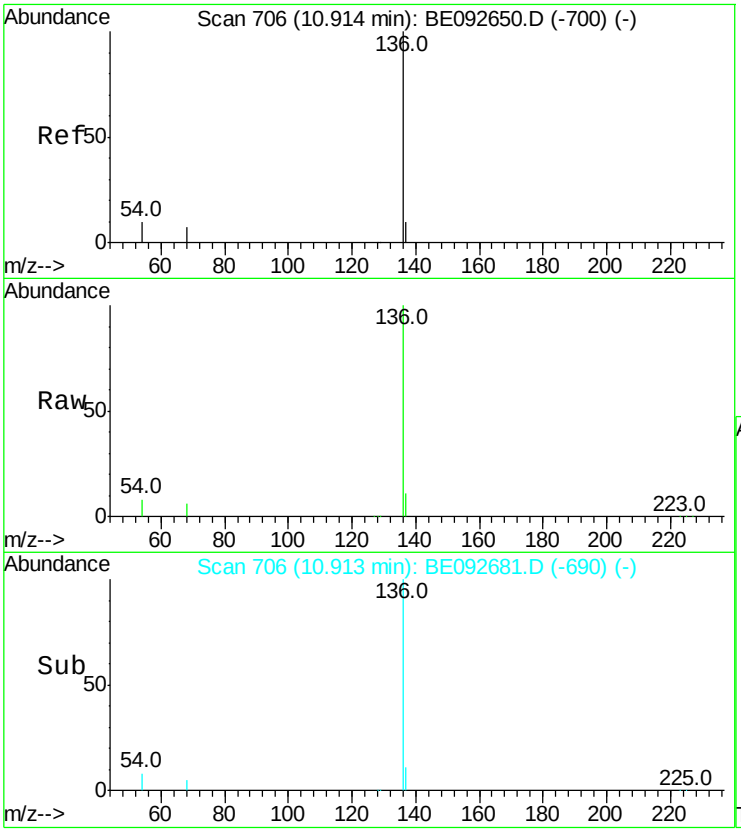


#6
bis(2-Chloroethyl)ether
Concen: 0.44 ng
RT: 7.57 min Scan# 550
Delta R.T. 0.00 min
Lab File: BE092681.D
Acq: 25 Jan 2017 00:47

Tgt Ion: 93 Resp: 1365

Ion	Ratio	Lower	Upper
93	100		
63	66.3	71.6	107.4#
95	30.7	24.0	36.0



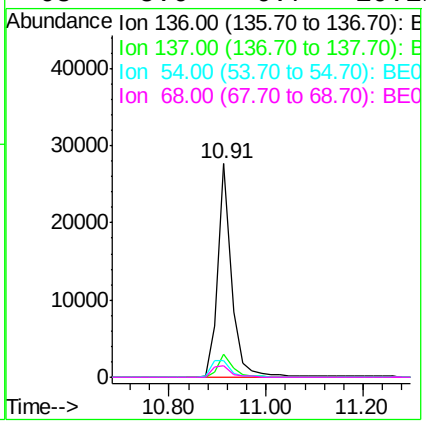


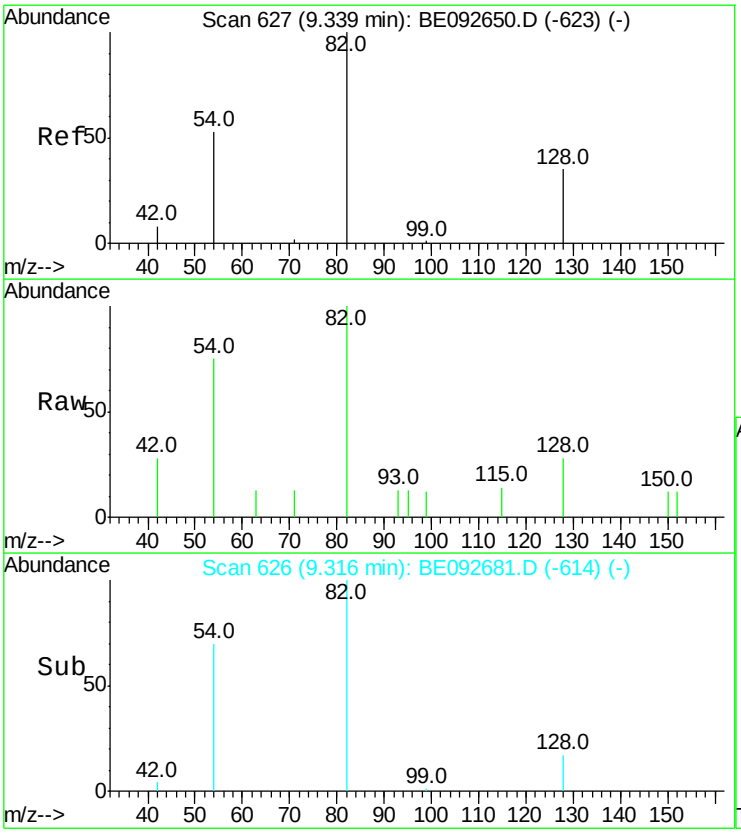
#7
Naphthalene-d8
Concen: 5.00 ng
RT: 10.91 min Scan# 706
Delta R.T. -0.00 min
Lab File: BE092681.D
Acq: 25 Jan 2017 00:47

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:136 Resp: 54427

Ion	Ratio	Lower	Upper
136	100		
137	11.1	8.2	12.4
54	7.7	9.6	14.4#
68	5.6	6.7	10.1#

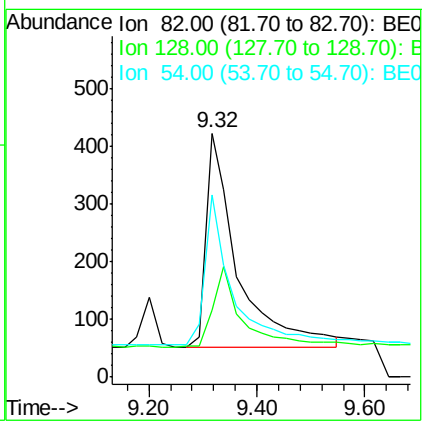


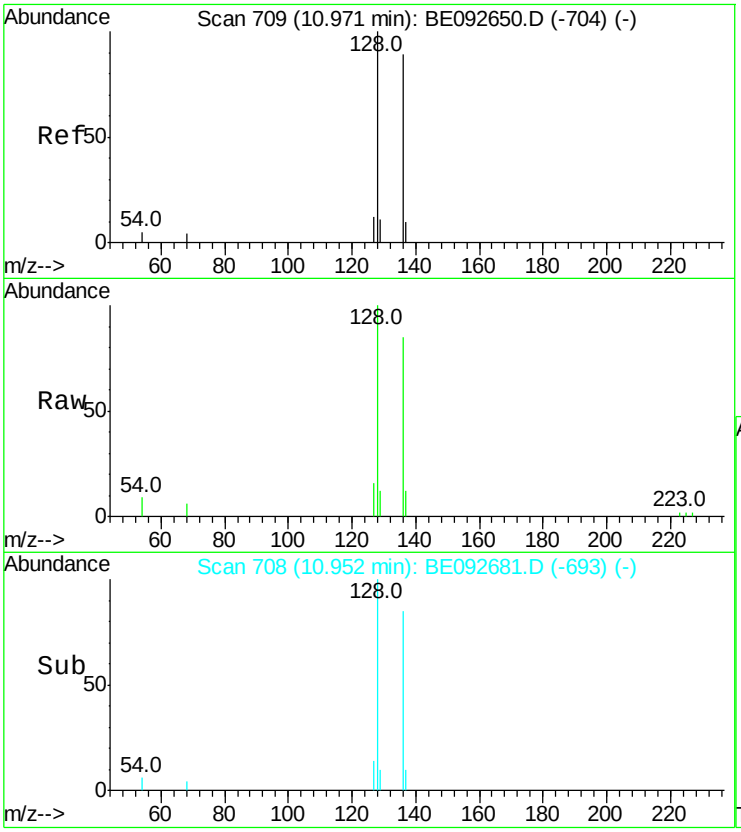


#8
Nitrobenzene-d5
Concen: 0.43 ng
RT: 9.32 min Scan# 626
Delta R.T. -0.02 min
Lab File: BE092681.D
Acq: 25 Jan 2017 00:47

Tgt Ion: 82 Resp: 1516

Ion	Ratio	Lower	Upper
82	100		
128	27.7	39.0	58.4#
54	74.9	44.8	67.2#



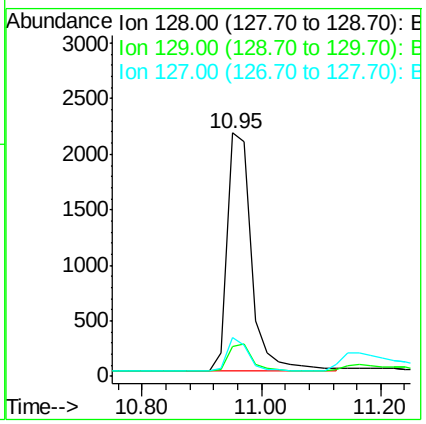


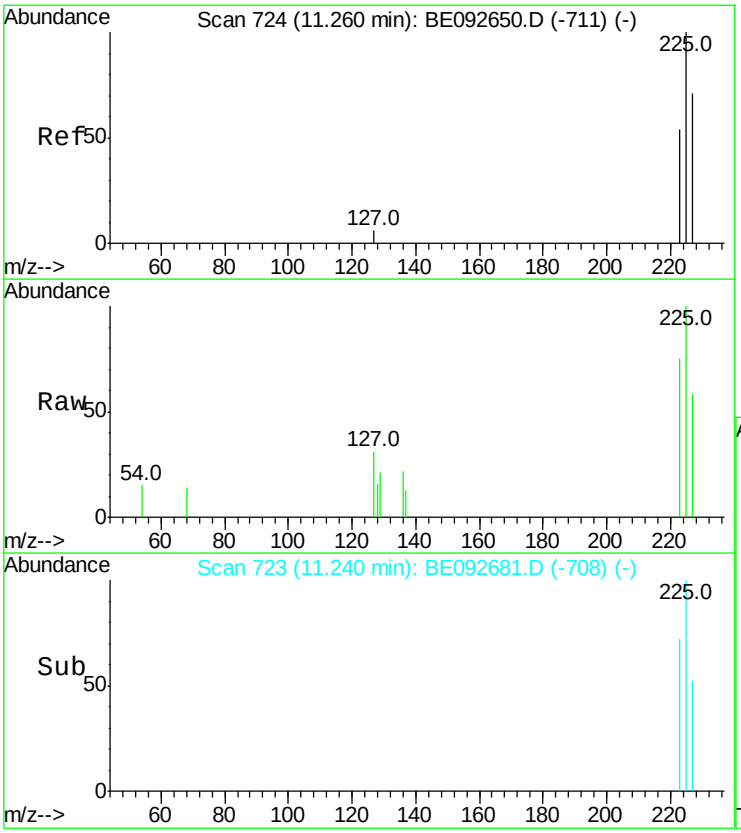
#9
Naphthalene
Concen: 0.53 ng
RT: 10.95 min Scan# 708
Delta R.T. -0.02 min
Lab File: BE092681.D
Acq: 25 Jan 2017 00:47

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:128 Resp: 6015

Ion	Ratio	Lower	Upper
128	100		
129	12.1	11.2	16.8
127	16.1	11.6	17.4

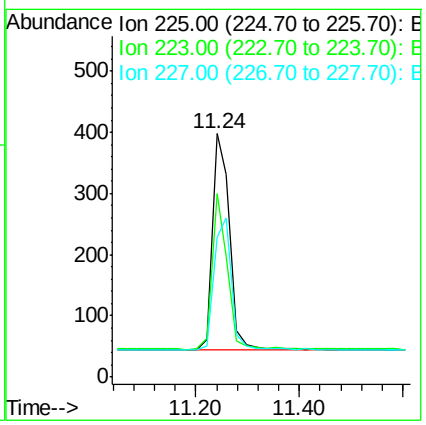


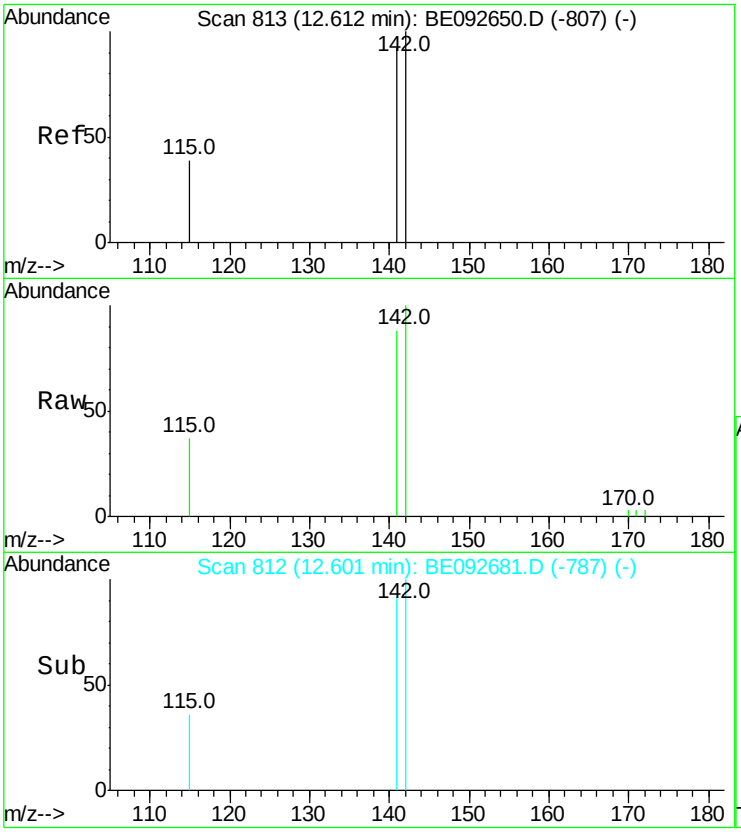


#10
Hexachlorobutadiene
Concen: 0.49 ng
RT: 11.24 min Scan# 723
Delta R.T. -0.02 min
Lab File: BE092681.D
Acq: 25 Jan 2017 00:47

Tgt Ion:225 Resp: 827

Ion	Ratio	Lower	Upper
225	100		
223	63.6	50.6	76.0
227	63.6	51.4	77.0



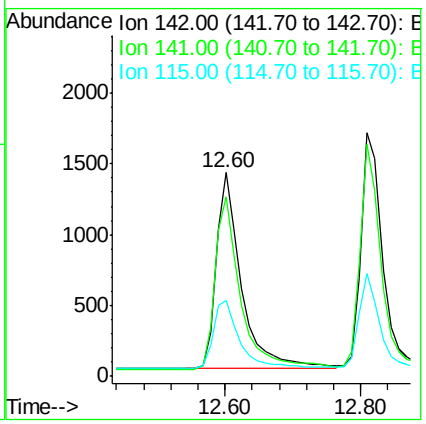


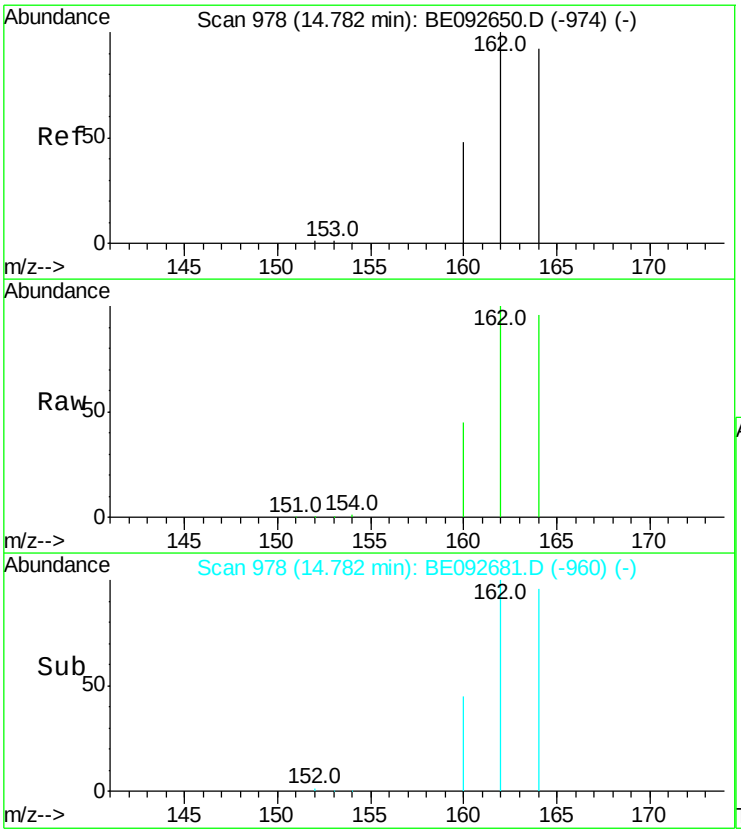
#11
2-Methylnaphthalene
Concen: 0.51 ng
RT: 12.60 min Scan# 812
Delta R.T. -0.01 min
Lab File: BE092681.D
Acq: 25 Jan 2017 00:47

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:142 Resp: 3593

Ion	Ratio	Lower	Upper
142	100		
141	87.8	73.7	110.5
115	37.2	34.0	51.0

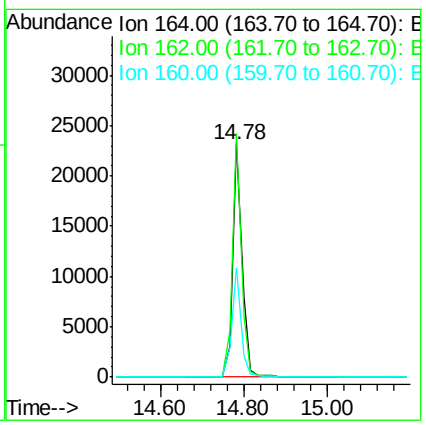


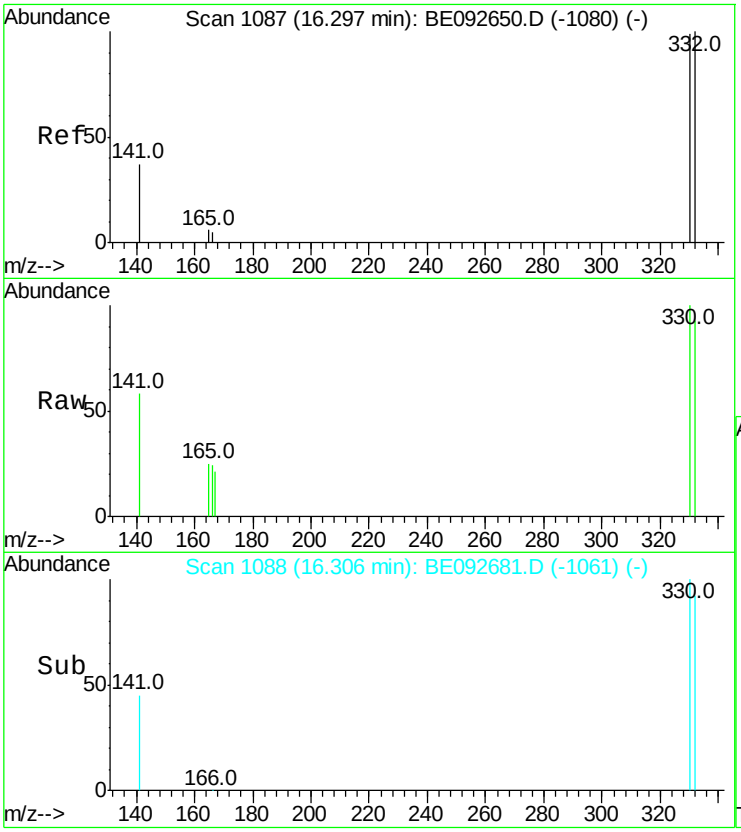


#12
Acenaphthene-d10
Concen: 5.00 ng
RT: 14.78 min Scan# 978
Delta R.T. 0.00 min
Lab File: BE092681.D
Acq: 25 Jan 2017 00:47

Tgt Ion:164 Resp: 36042

Ion	Ratio	Lower	Upper
164	100		
162	104.5	71.4	107.0
160	46.7	27.4	41.2#



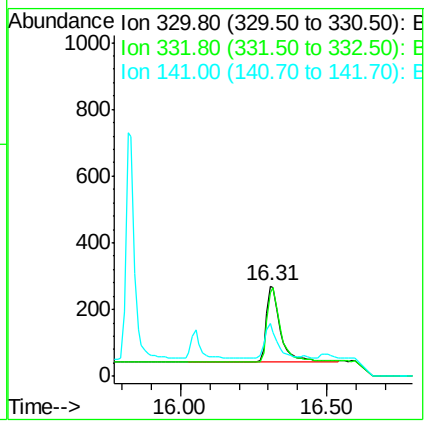


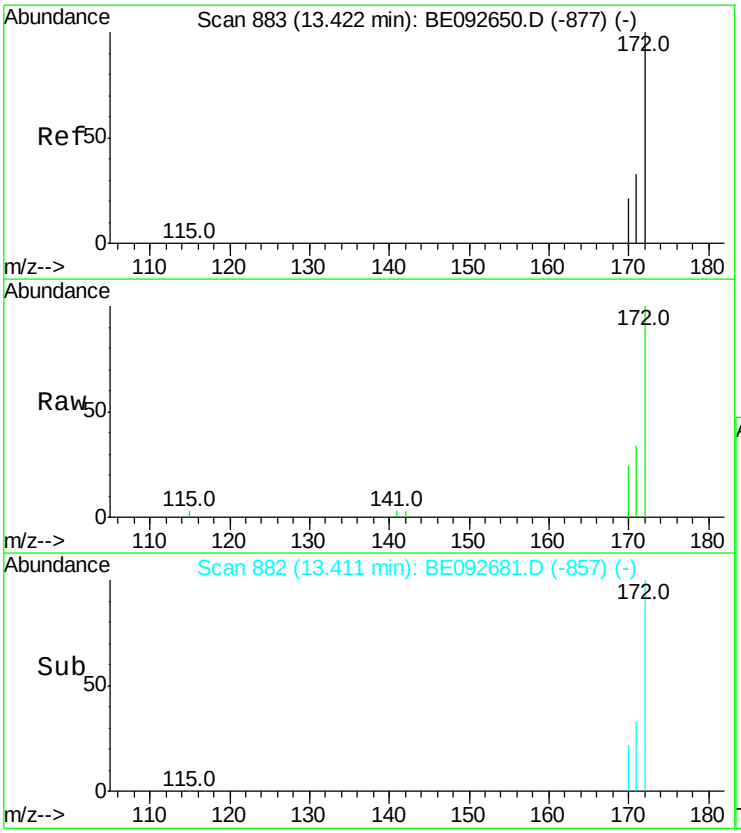
#13
2,4,6-Tribromophenol
Concen: 0.82 ng
RT: 16.31 min Scan# 1088
Delta R.T. 0.01 min
Lab File: BE092681.D
Acq: 25 Jan 2017 00:47

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:330 Resp: 746

Ion	Ratio	Lower	Upper
330	100		
332	100.1	75.4	113.0
141	41.3	31.0	46.6

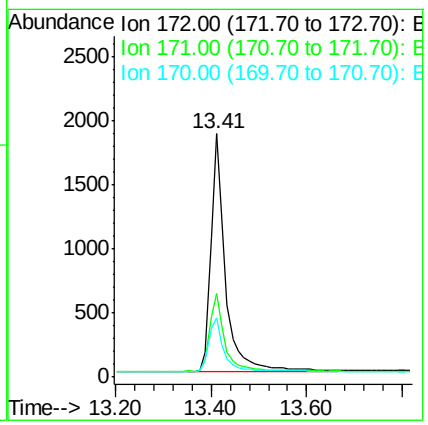


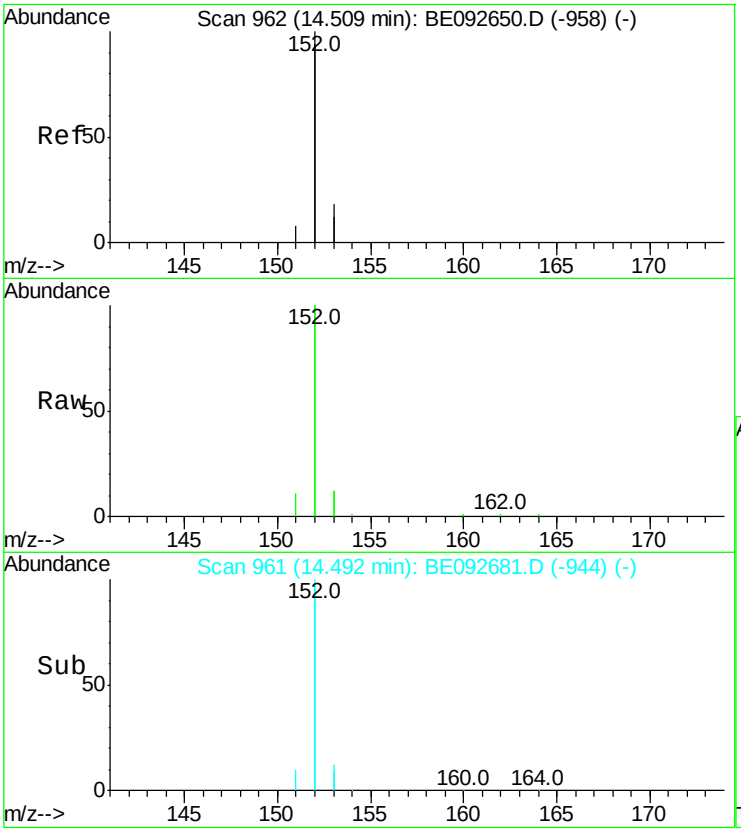


#14
2-Fluorobiphenyl
Concen: 0.45 ng
RT: 13.41 min Scan# 882
Delta R.T. -0.01 min
Lab File: BE092681.D
Acq: 25 Jan 2017 00:47

Tgt Ion:172 Resp: 3969

Ion	Ratio	Lower	Upper
172	100		
171	34.4	30.1	45.1
170	24.2	21.8	32.6



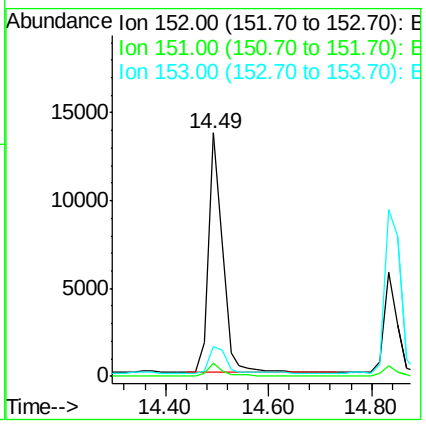


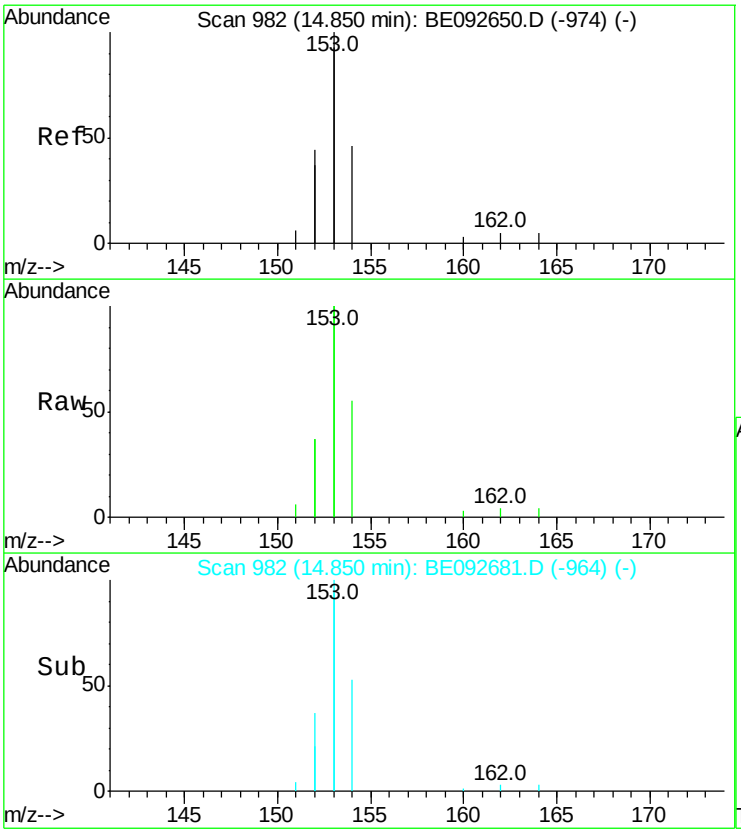
#15
Acenaphthylene
Concen: 0.51 ng
RT: 14.49 min Scan# 961
Delta R.T. -0.02 min
Lab File: BE092681.D
Acq: 25 Jan 2017 00:47

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:152 Resp: 25470

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

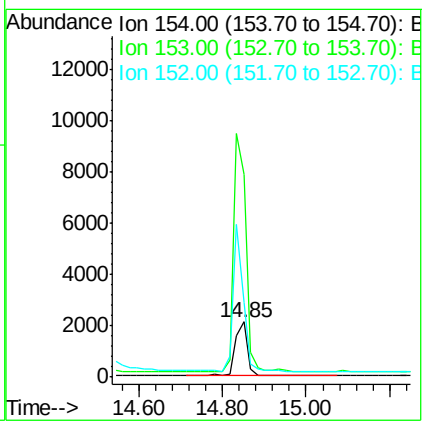


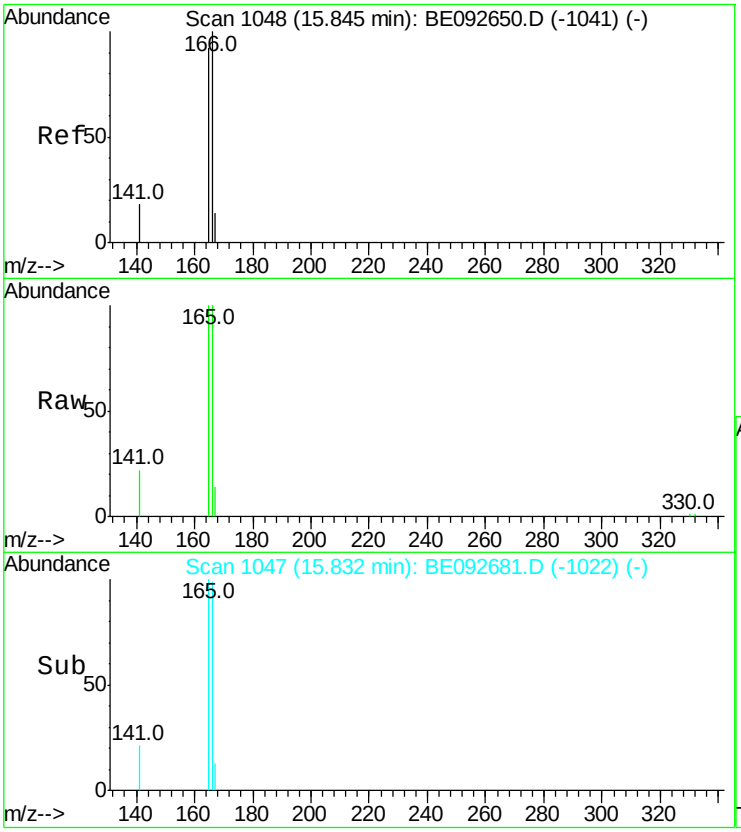


#16
Acenaphthene
Concen: 0.54 ng
RT: 14.85 min Scan# 982
Delta R.T. 0.00 min
Lab File: BE092681.D
Acq: 25 Jan 2017 00:47

Tgt Ion:154 Resp: 4293

Ion	Ratio	Lower	Upper
154	100		
153	448.6	350.8	526.2
152	227.5	171.1	256.7



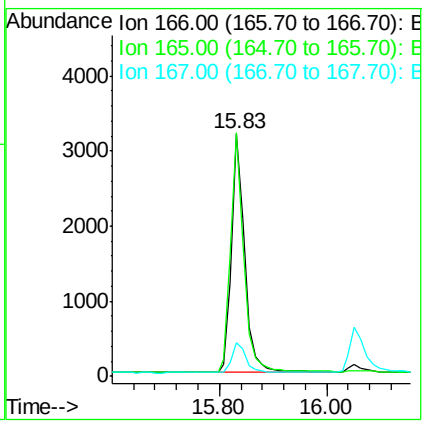


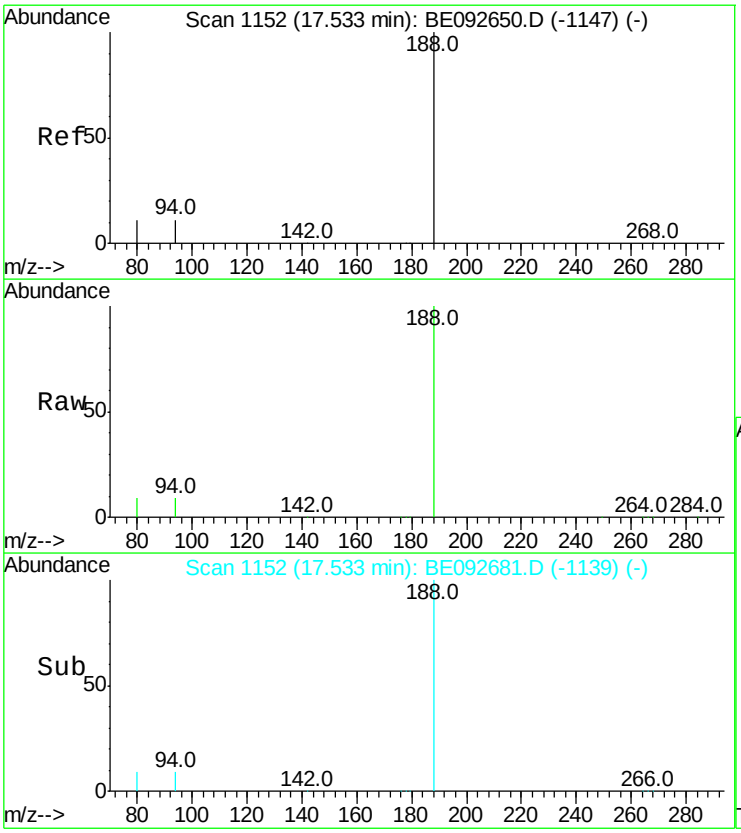
#17
Fluorene
Concen: 0.54 ng
RT: 15.83 min Scan# 1047
Delta R.T. -0.01 min
Lab File: BE092681.D
Acq: 25 Jan 2017 00:47

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:166 Resp: 5403

Ion	Ratio	Lower	Upper
166	100		
165	99.2	78.2	117.4
167	13.1	11.0	16.4

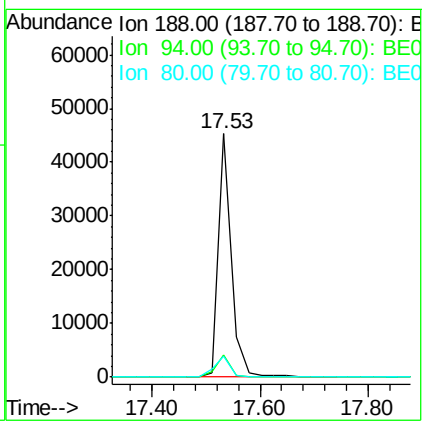


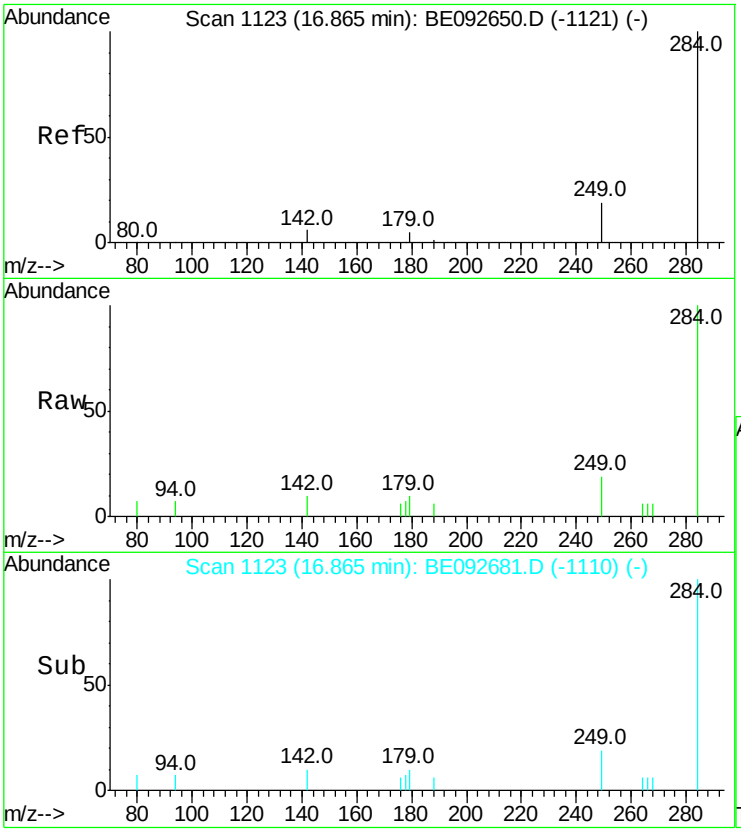


#18
Phenanthrene-d10
Concen: 5.00 ng
RT: 17.53 min Scan# 1152
Delta R.T. -0.00 min
Lab File: BE092681.D
Acq: 25 Jan 2017 00:47

Tgt Ion:188 Resp: 76473

Ion	Ratio	Lower	Upper
188	100		
94	9.0	3.2	4.8#
80	8.7	2.6	3.8#



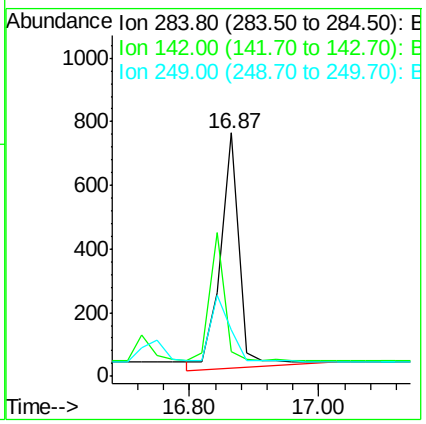


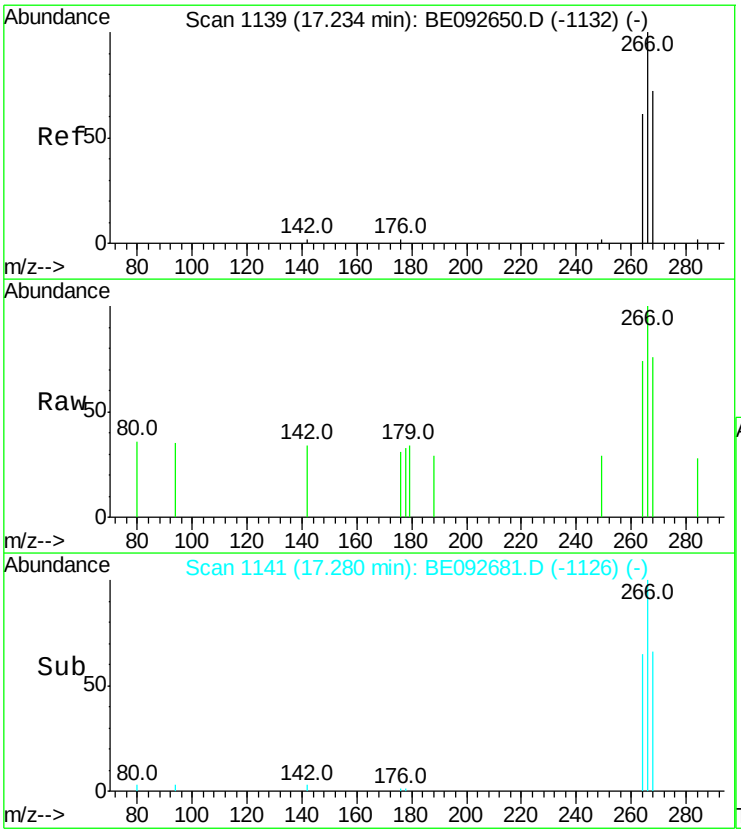
#19
Hexachlorobenzene
Concen: 0.53 ng
RT: 16.87 min Scan# 1123
Delta R.T. 0.00 min
Lab File: BE092681.D
Acq: 25 Jan 2017 00:47

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:284 Resp: 1529

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

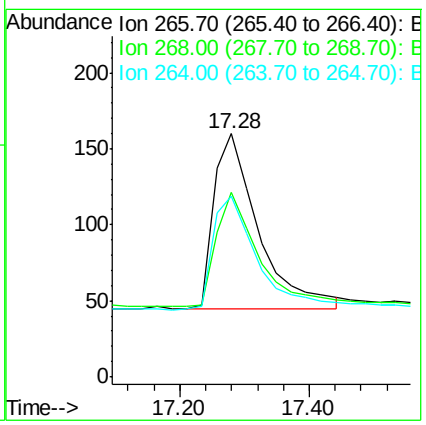


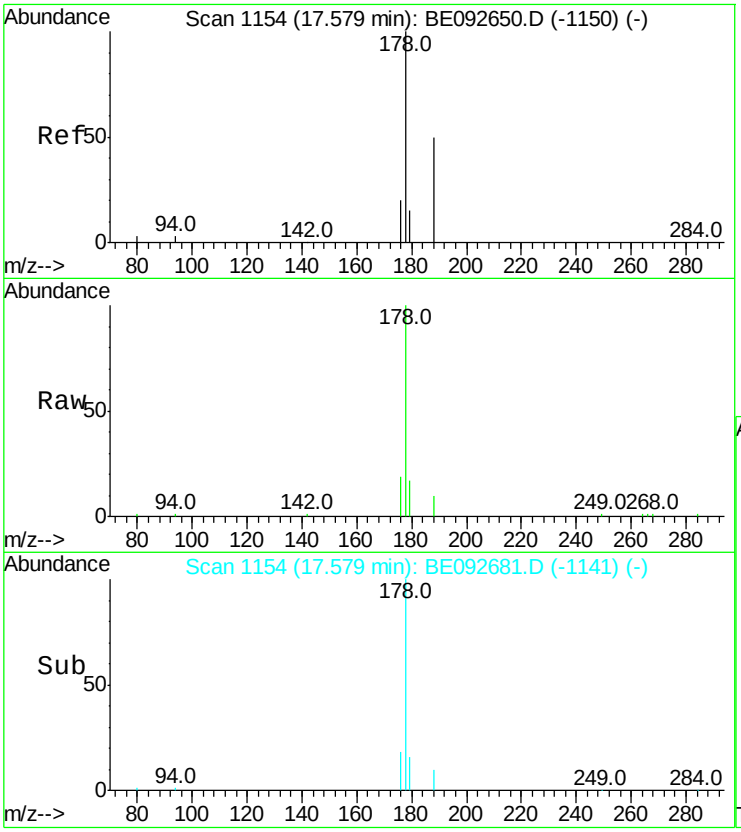


#20
Pentachlorophenol
Concen: 0.70 ng
RT: 17.28 min Scan# 1141
Delta R.T. 0.05 min
Lab File: BE092681.D
Acq: 25 Jan 2017 00:47

Tgt Ion:266 Resp: 547

Ion	Ratio	Lower	Upper
266	100		
268	75.6	62.5	93.7
264	74.4	57.2	85.8



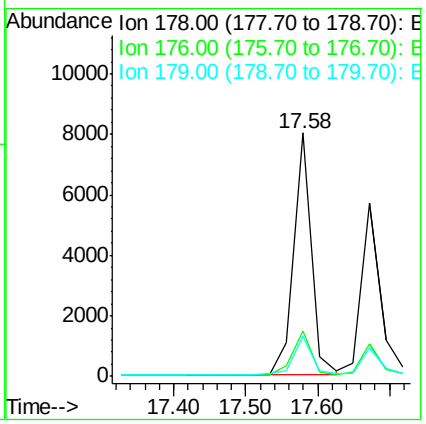


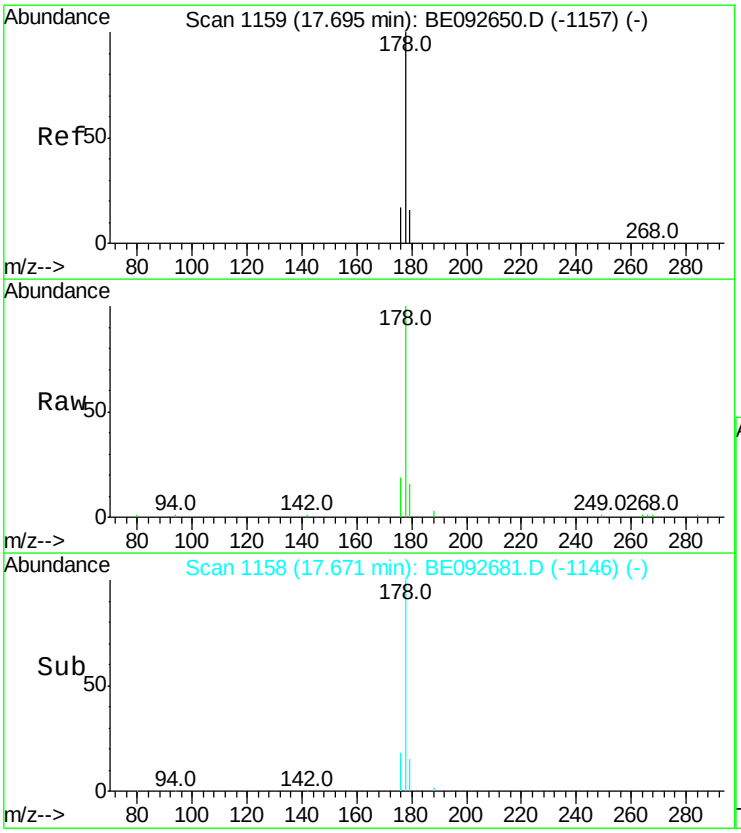
#21
Phenanthrene
Concen: 0.81 ng
RT: 17.58 min Scan# 1154
Delta R.T. -0.00 min
Lab File: BE092681.D
Acq: 25 Jan 2017 00:47

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:178 Resp: 13589

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

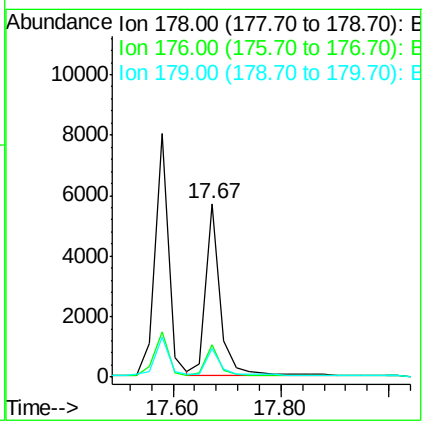


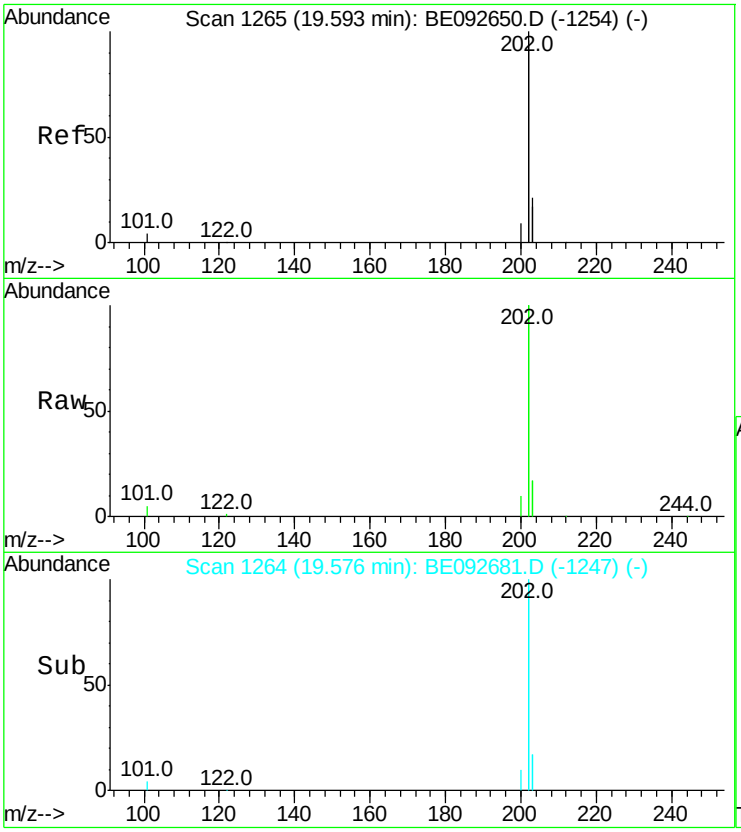


#22
Anthracene
Concen: 0.69 ng
RT: 17.67 min Scan# 1158
Delta R.T. -0.02 min
Lab File: BE092681.D
Acq: 25 Jan 2017 00:47

Tgt Ion:178 Resp: 10709

Ion	Ratio	Lower	Upper
178	100		
176	18.3	15.0	22.4
179	16.5	12.2	18.2



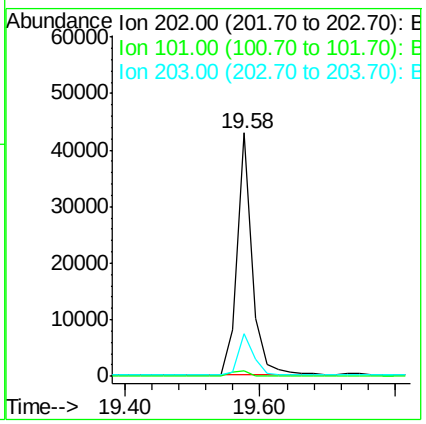


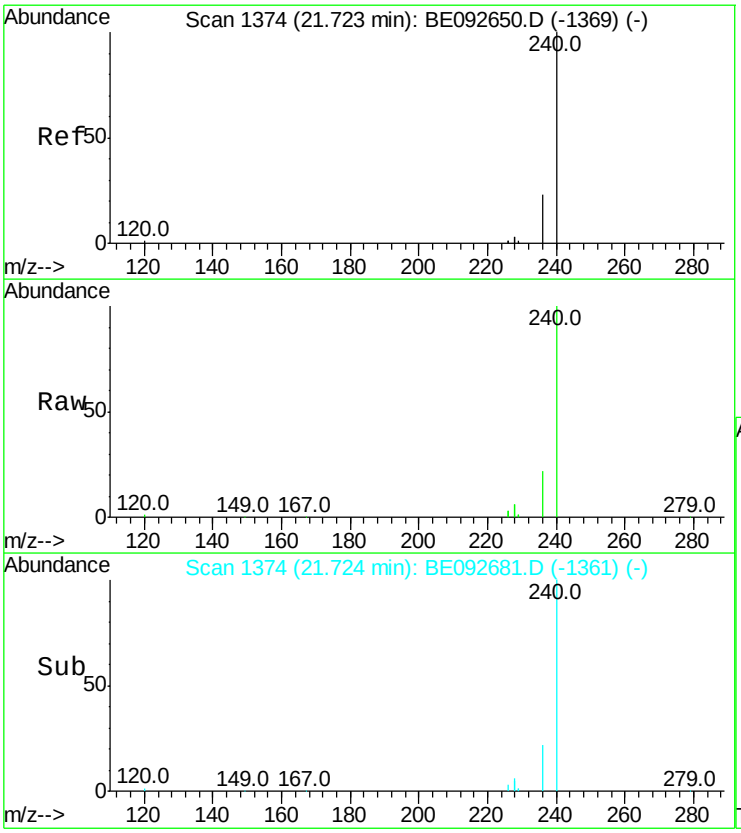
#23
Fluoranthene
Concen: 0.89 ng
RT: 19.58 min Scan# 1264
Delta R.T. -0.02 min
Lab File: BE092681.D
Acq: 25 Jan 2017 00:47

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:202 Resp: 66567

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

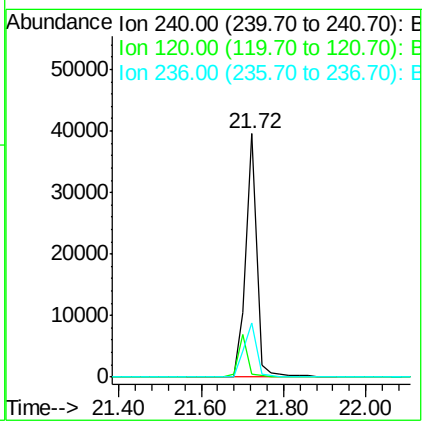


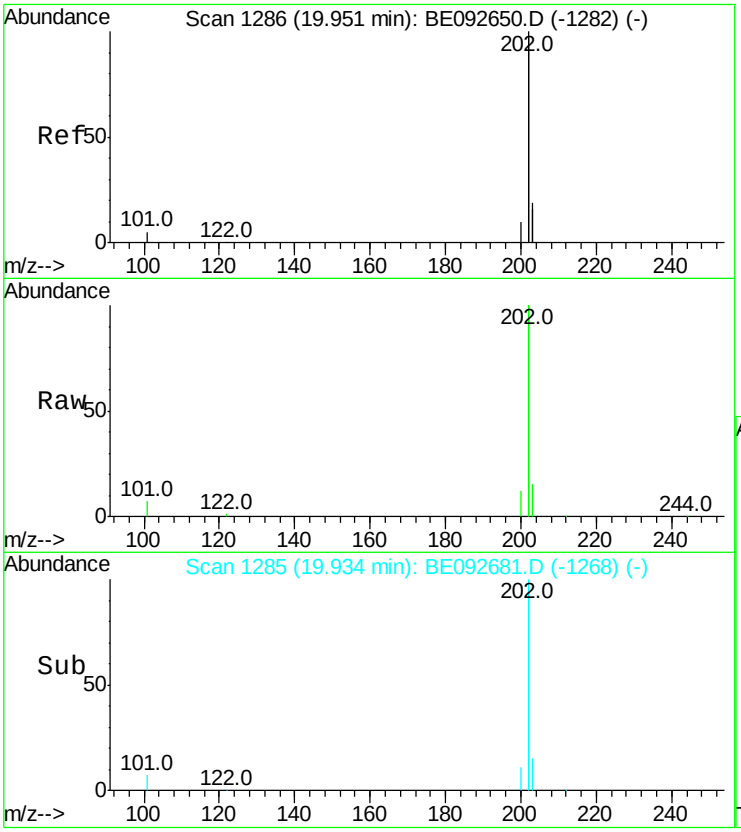


#24
Chrysene-d12
Concen: 5.00 ng
RT: 21.72 min Scan# 1374
Delta R.T. 0.00 min
Lab File: BE092681.D
Acq: 25 Jan 2017 00:47

Tgt Ion:240 Resp: 72863

Ion	Ratio	Lower	Upper
240	100		
120	1.0	2.6	4.0#
236	22.3	24.6	37.0#



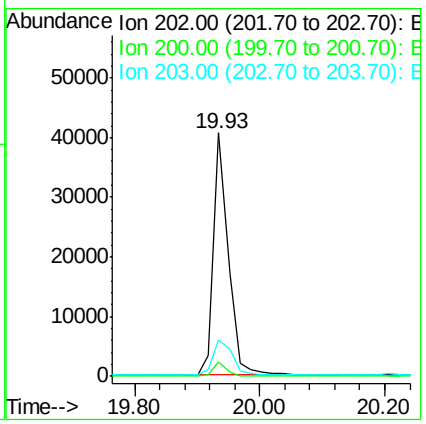


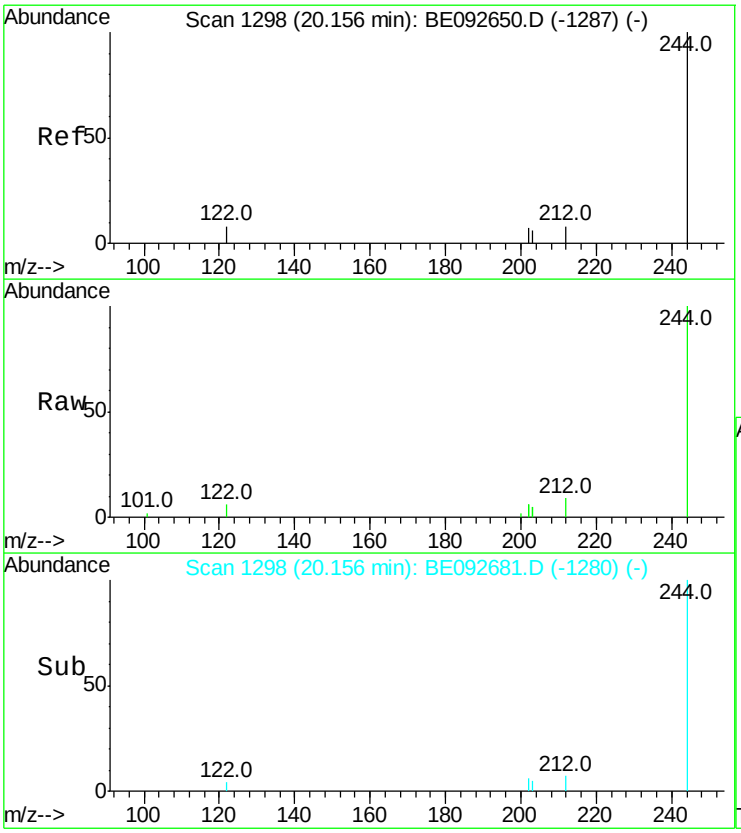
#25
Pyrene
Concen: 0.92 ng
RT: 19.93 min Scan# 1285
Delta R.T. -0.02 min
Lab File: BE092681.D
Acq: 25 Jan 2017 00:47

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:202 Resp: 65962

Ion	Ratio	Lower	Upper
202	100		
200	5.4	4.2	6.4
203	19.0	13.9	20.9

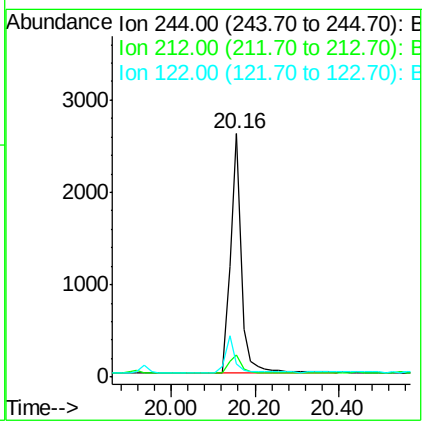


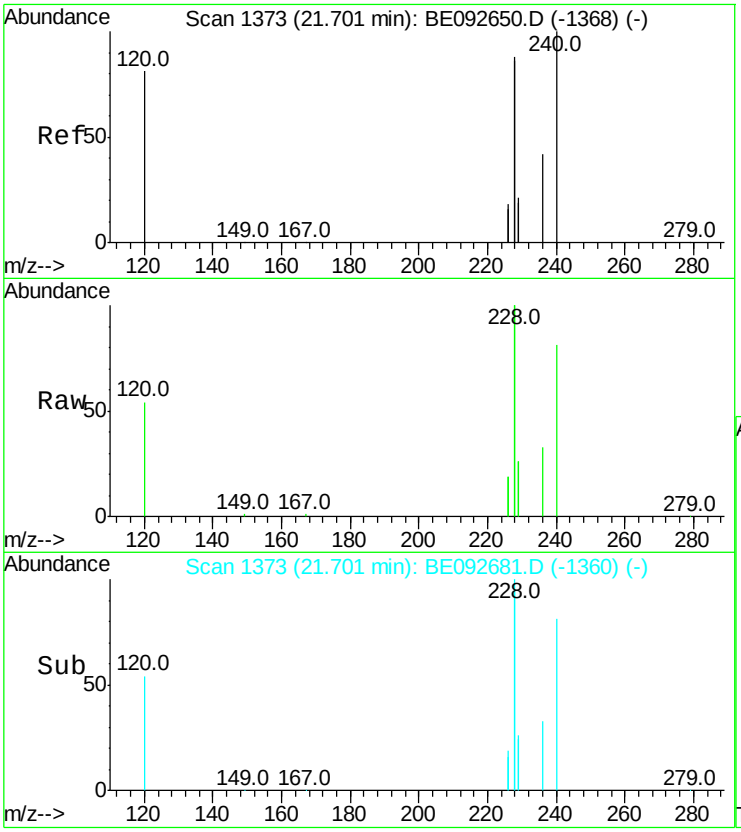


#26
Terphenyl-d14
Concen: 0.46 ng
RT: 20.16 min Scan# 1298
Delta R.T. 0.00 min
Lab File: BE092681.D
Acq: 25 Jan 2017 00:47

Tgt Ion:244 Resp: 4707

Ion	Ratio	Lower	Upper
244	100		
212	9.1	6.7	10.1
122	5.6	3.6	5.4#



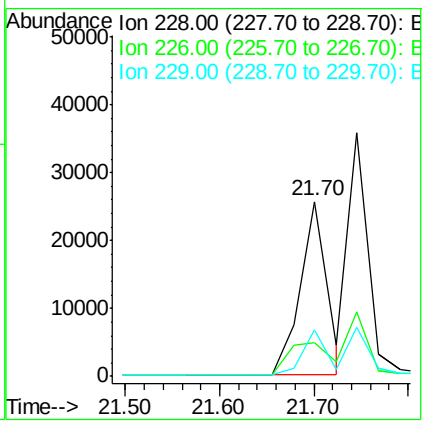


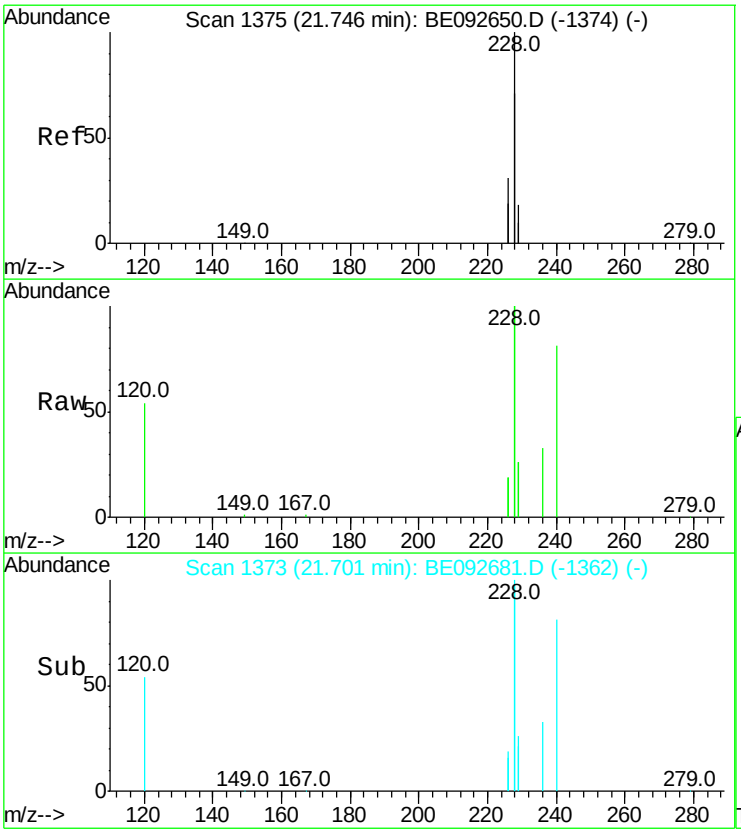
#27
Benzo(a)anthracene
Concen: 0.71 ng
RT: 21.70 min Scan# 1373
Delta R.T. 0.00 min
Lab File: BE092681.D
Acq: 25 Jan 2017 00:47

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:228 Resp: 50759

Ion	Ratio	Lower	Upper
228	100		
226	19.3	23.6	35.4#
229	26.3	13.3	19.9#

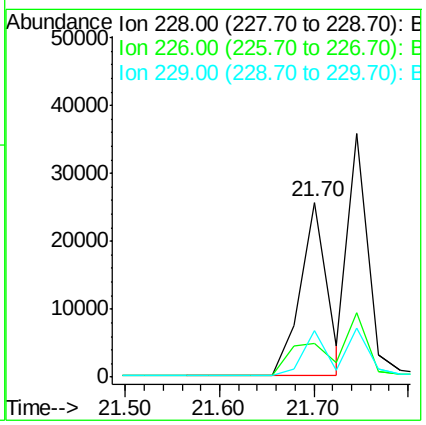


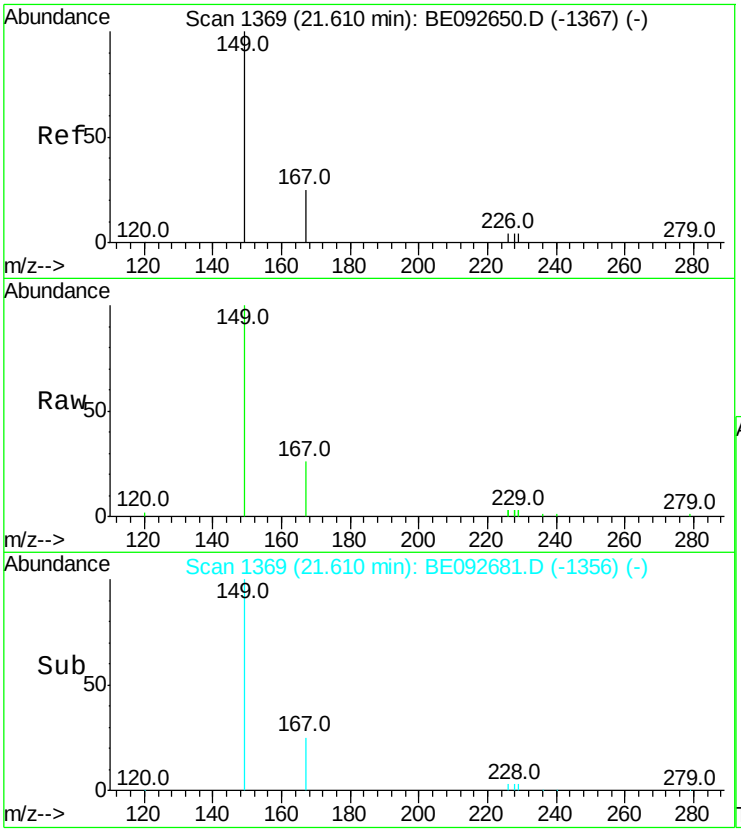


#28
Chrysene
Concen: 0.63 ng
RT: 21.70 min Scan# 1373
Delta R.T. -0.05 min
Lab File: BE092681.D
Acq: 25 Jan 2017 00:47

Tgt Ion:228 Resp: 50759

Ion	Ratio	Lower	Upper
228	100		
226	19.3	36.3	54.5#
229	26.3	10.6	16.0#



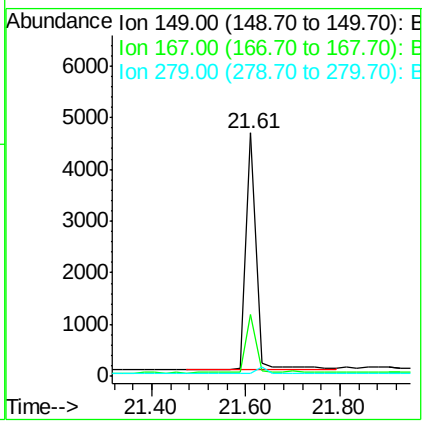


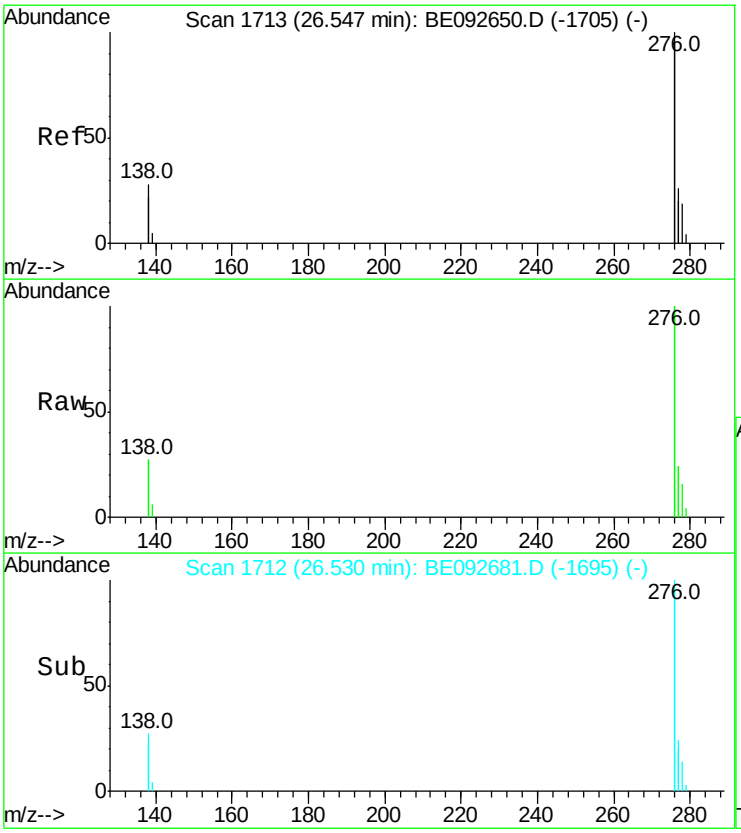
#29
Bis(2-ethylhexyl)phthalate
Concen: 0.67 ng
RT: 21.61 min Scan# 1369
Delta R.T. 0.00 min
Lab File: BE092681.D
Acq: 25 Jan 2017 00:47

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:149 Resp: 6828

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

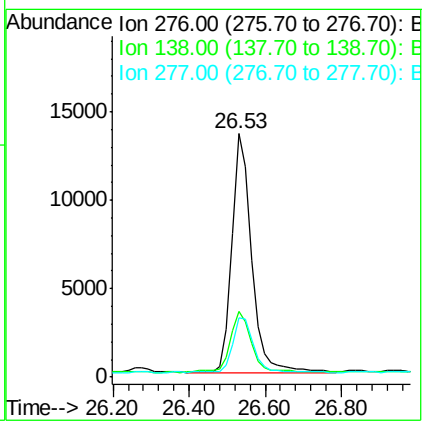


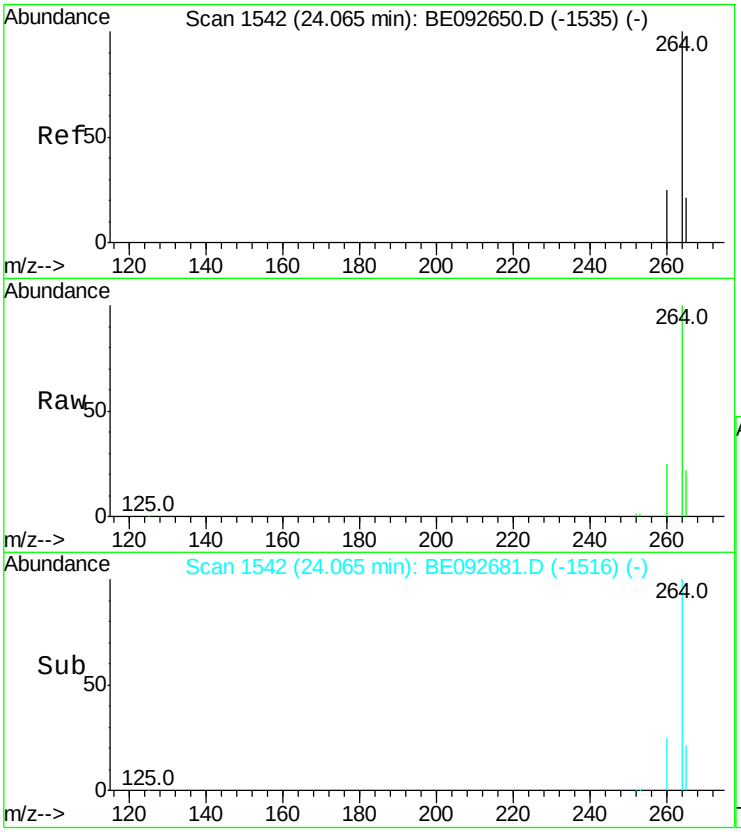


#30
Indeno(1,2,3-cd)pyrene
Concen: 0.57 ng
RT: 26.53 min Scan# 1712
Delta R.T. -0.02 min
Lab File: BE092681.D
Acq: 25 Jan 2017 00:47

Tgt Ion:276 Resp: 49367

Ion	Ratio	Lower	Upper
276	100		
138	27.6	20.3	30.5
277	25.0	19.7	29.5



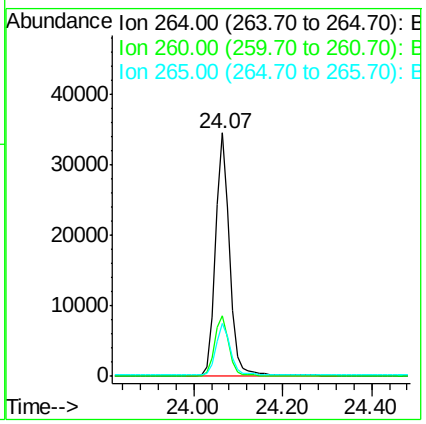


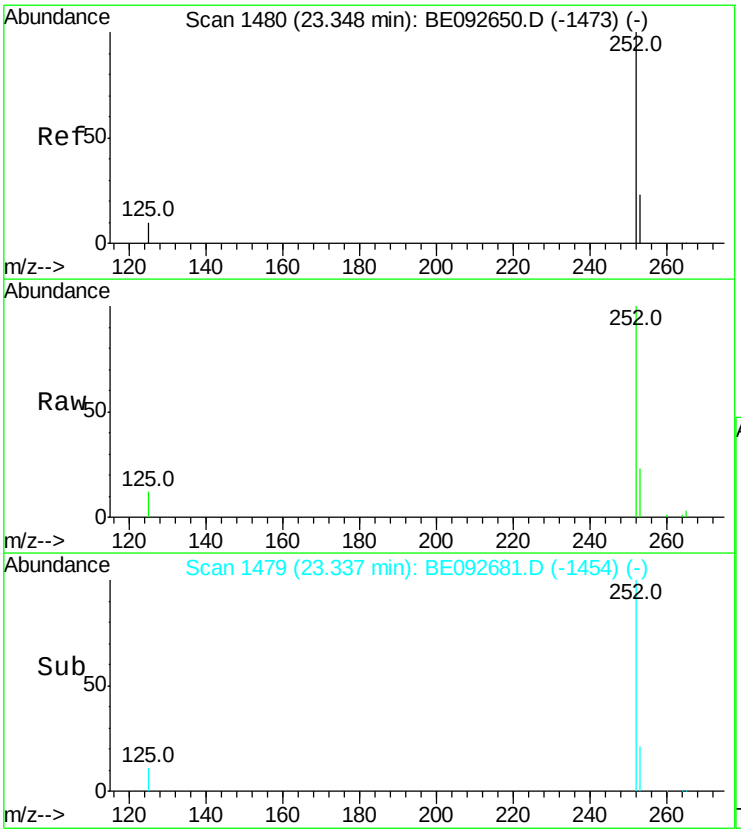
#31
Perylene-d12
Concen: 5.00 ng
RT: 24.07 min Scan# 1542
Delta R.T. 0.00 min
Lab File: BE092681.D
Acq: 25 Jan 2017 00:47

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:264 Resp: 75723

Ion	Ratio	Lower	Upper
264	100		
260	25.0	20.1	30.1
265	21.7	17.9	26.9

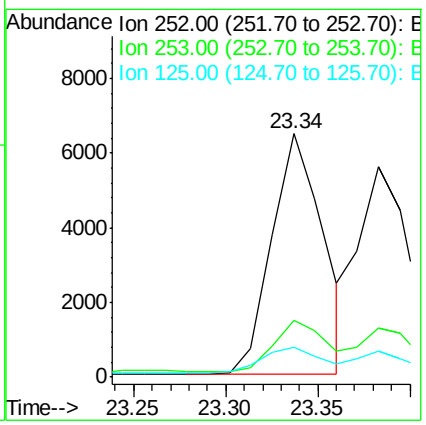


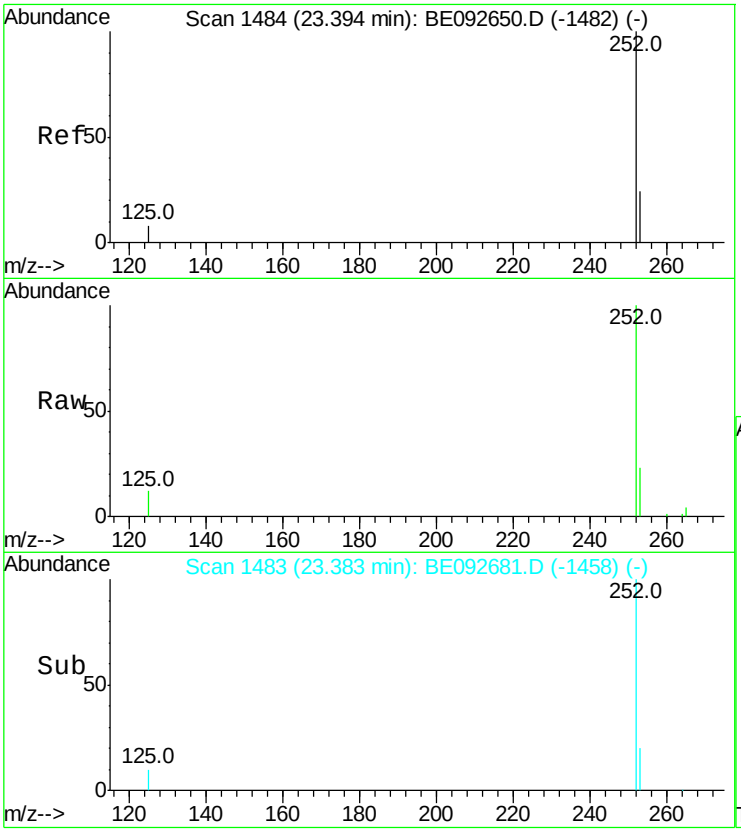


#32
Benzo(b)fluoranthene
Concen: 0.68 ng
RT: 23.34 min Scan# 1479
Delta R.T. -0.01 min
Lab File: BE092681.D
Acq: 25 Jan 2017 00:47

Tgt Ion:252 Resp: 12476

Ion	Ratio	Lower	Upper
252	100		
253	23.2	18.7	28.1
125	12.4	10.5	15.7



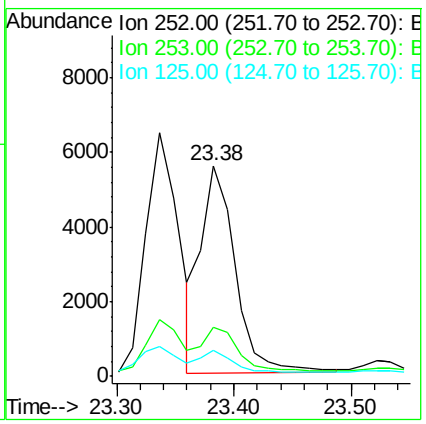


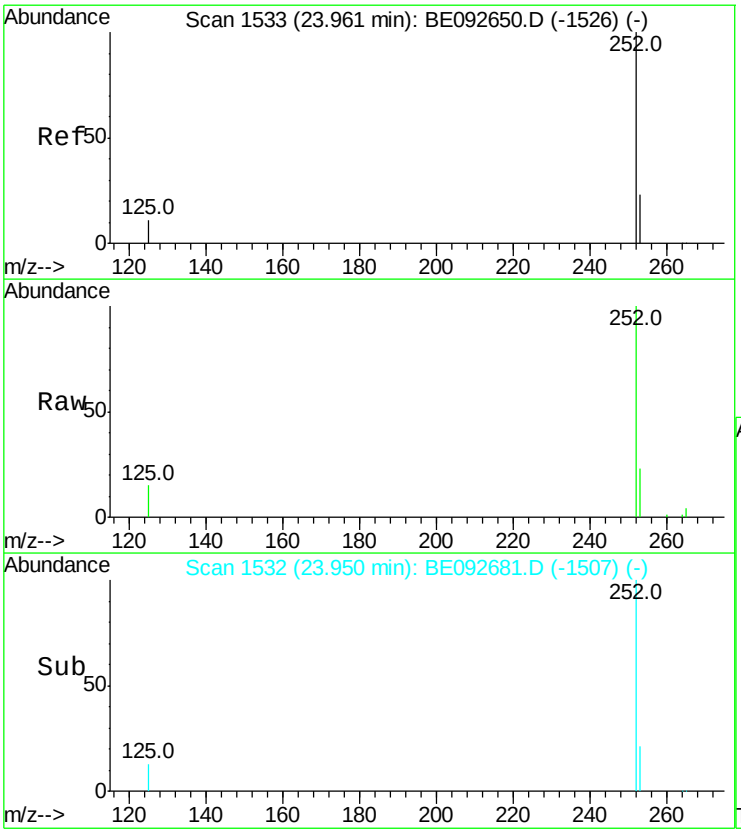
#33
Benzo(k)fluoranthene
Concen: 0.61 ng
RT: 23.38 min Scan# 1483
Delta R.T. -0.01 min
Lab File: BE092681.D
Acq: 25 Jan 2017 00:47

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:252 Resp: 11284

Ion	Ratio	Lower	Upper
252	100		
253	23.1	20.3	30.5
125	12.1	9.6	14.4

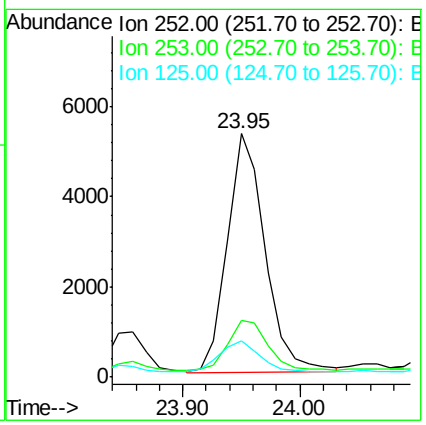


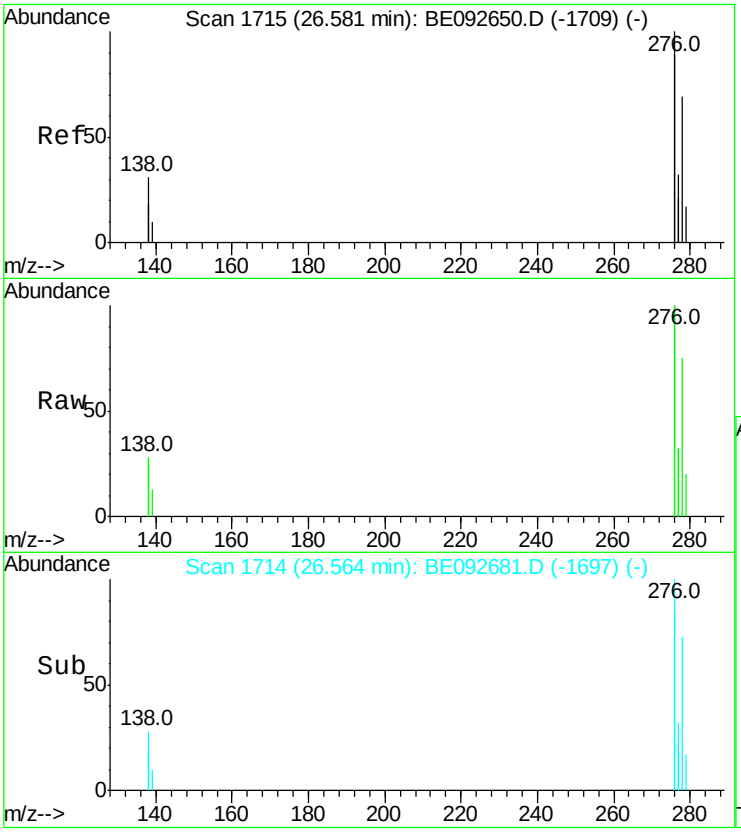


#34
Benzo(a)pyrene
Concen: 0.69 ng
RT: 23.95 min Scan# 1532
Delta R.T. -0.01 min
Lab File: BE092681.D
Acq: 25 Jan 2017 00:47

Tgt Ion:252 Resp: 11931

Ion	Ratio	Lower	Upper
252	100		
253	23.3	19.0	28.6
125	14.9	11.8	17.8



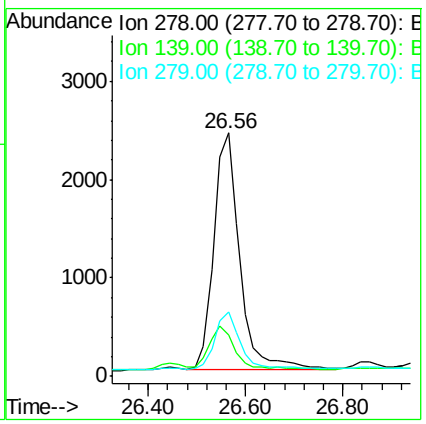


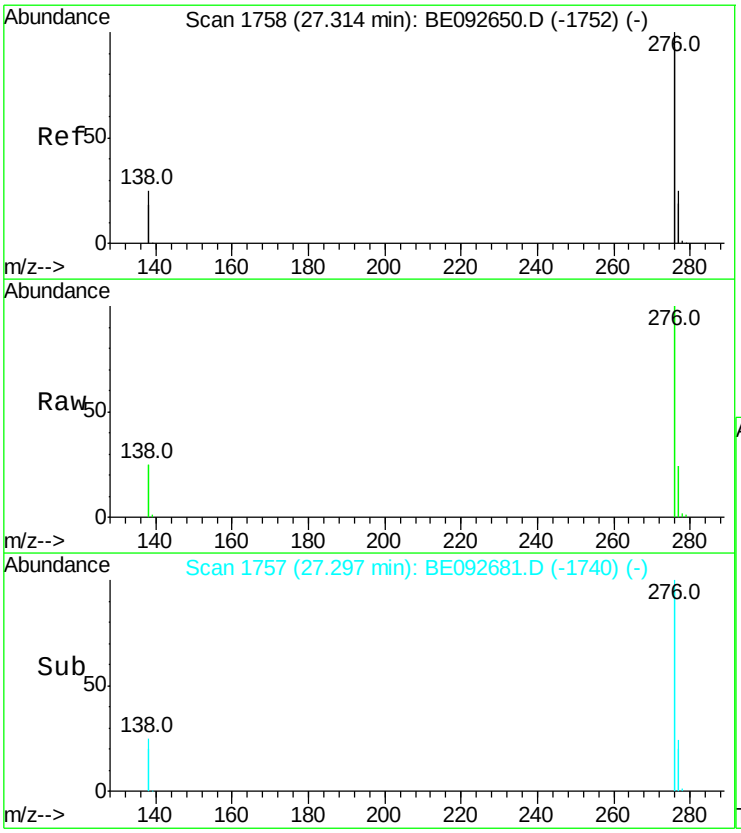
#35
Dibenzo(a,h)anthracene
Concen: 0.53 ng
RT: 26.56 min Scan# 1714
Delta R.T. -0.02 min
Lab File: BE092681.D
Acq: 25 Jan 2017 00:47

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:278 Resp: 8901

Ion	Ratio	Lower	Upper
278	100		
139	16.9	13.8	20.8
279	26.3	21.4	32.2





#36
Benzo(g,h,i)perylene
Concen: 0.62 ng
RT: 27.30 min Scan# 1757
Delta R.T. -0.02 min
Lab File: BE092681.D
Acq: 25 Jan 2017 00:47

Tgt Ion:276 Resp: 44198

Ion	Ratio	Lower	Upper
276	100		
277	24.3	19.8	29.8
138	24.6	19.8	29.6