Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA E\DATA\BE040717\
Data File : BE092893.D
Acq On : 7 Apr 2017 13:53
Operator : SJ/MA
Sample : PB98124BS
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument : BNA_E
ClientSampleId : PB98124BS

Quant Time: Apr 08 01:07:18 2017
Quant Method : Z:\HPCHEM1\BNA E\METHODS\8270-SIM-BE040417.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Apr 04 16:35:54 2017
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.77	152	10315	5.00	ng		-0.02
7) Naphthalene-d8	10.54	136	41975	5.00	ng		0.00
12) Acenaphthene-d10	14.40	164	19077	5.00	ng		0.00
18) Phenanthrene-d10	17.13	188	38722	5.00	ng		-0.02
24) Chrysene-d12	21.28	240	41335	5.00	ng		-0.02
31) Perylene-d12	23.70	264	30754	5.00	ng		-0.01
System Monitoring Compounds							
4) 2-Fluorophenol	5.37	112	21686	10.44	ng		0.00
5) Phenol-d6	6.95	99	29719	9.97	ng		0.00
8) Nitrobenzene-d5	8.90	82	11038	4.59	ng		-0.02
13) 2,4,6-Tribromophenol	15.88	330	3058	12.47	ng		0.00
14) 2-Fluorobiphenyl	13.02	172	28589	4.44	ng		-0.01
26) Terphenyl-d14	19.74	244	27079	4.26	ng		-0.02
Target Compounds							Qvalue
2) 1,4-Dioxane	3.32	88	4624	3.34	ng		98
3) n-Nitrosodimethylamine	3.61	42	6520	4.70	ng		86
6) bis(2-Chloroethyl)ether	7.20	93	13791	4.12	ng	#	49
9) Naphthalene	10.58	128	38379	4.14	ng	#	94
10) Hexachlorobutadiene	10.89	225	5320	4.25	ng		99
11) 2-Methylnaphthalene	12.21	142	23970	4.18	ng	#	85
15) Acenaphthylene	14.09	152	126710	4.70	ng		100
16) Acenaphthene	14.45	154	22907	4.13	ng		96
17) Fluorene	15.44	166	25890	4.22	ng		98
19) Hexachlorobenzene	16.47	284	6815	4.64	ng	#	64
20) Pentachlorophenol	16.79	266	3475	10.22	ng	#	80
21) Phenanthrene	17.18	178	46124	4.46	ng	#	94
22) Anthracene	17.27	178	39647	4.70	ng		99
23) Fluoranthene	19.16	202	169316	4.47	ng		99
25) Pyrene	19.54	202	176468	4.78	ng		99
27) Benzo(a)anthracene	21.26	228	40851	4.58	ng	#	92
28) Chrysene	21.31	228	37119	3.59	ng	#	75
29) Bis(2-ethylhexyl)phthalate	21.21	149	10782	3.75	ng	#	73
30) Indeno(1,2,3-cd)pyrene	26.24	276	162872	4.72	ng	#	93
32) Benzo(b)fluoranthene	22.96	252	37564	4.94	ng		98
33) Benzo(k)fluoranthene	23.01	252	34488	5.01	ng		96
34) Benzo(a)pyrene	23.59	252	32201	5.45	ng		96
35) Dibenzo(a,h)anthracene	26.25	278	35809	5.28	ng	#	91
36) Benzo(g,h,i)perylene	27.00	276	139246	5.03	ng		93

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

Quantitation Report (Not Reviewed)

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Misc :
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Instrument :
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PB98124BS

Quant Time: Apr 08 01:07:18 2017
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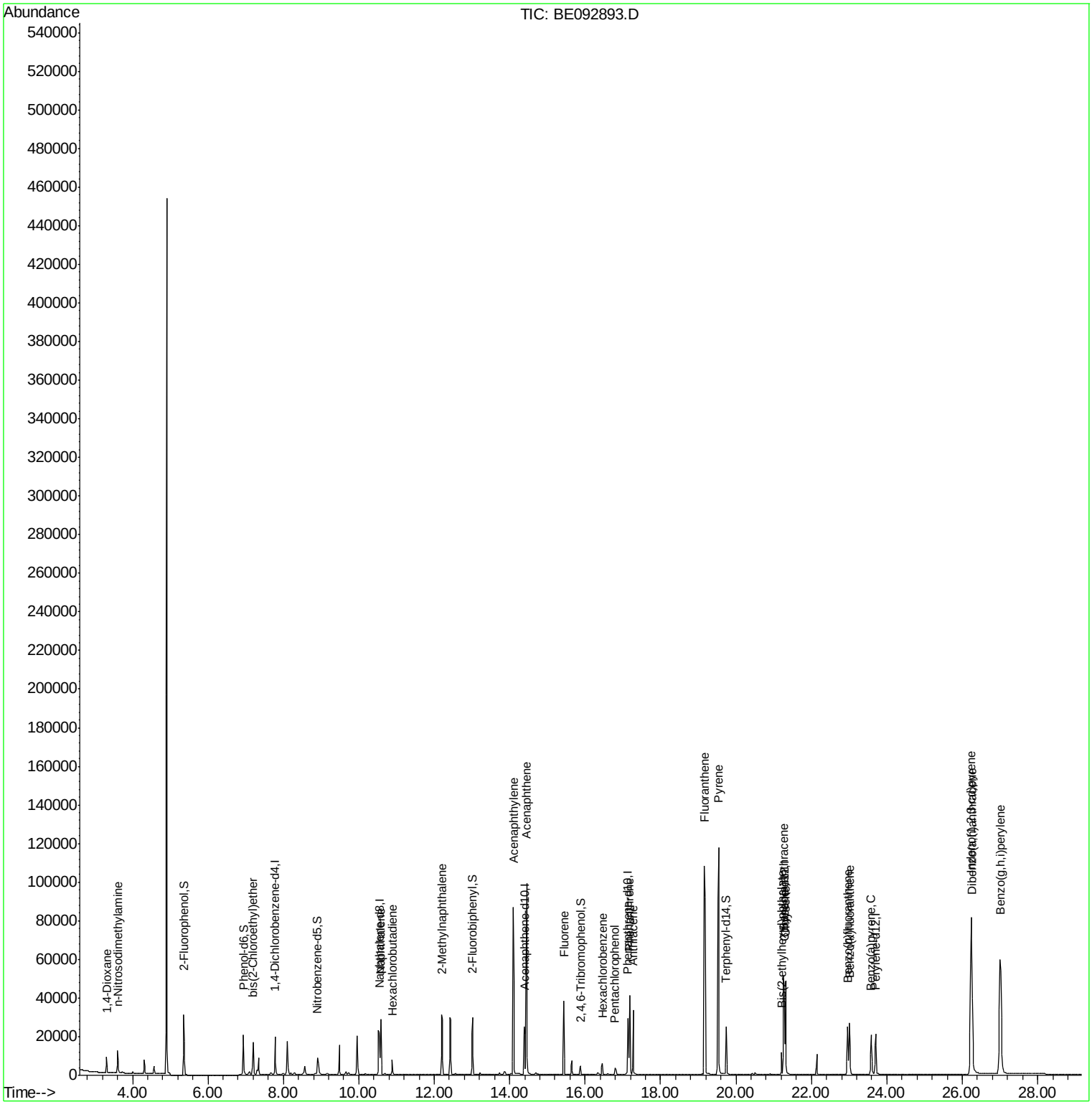
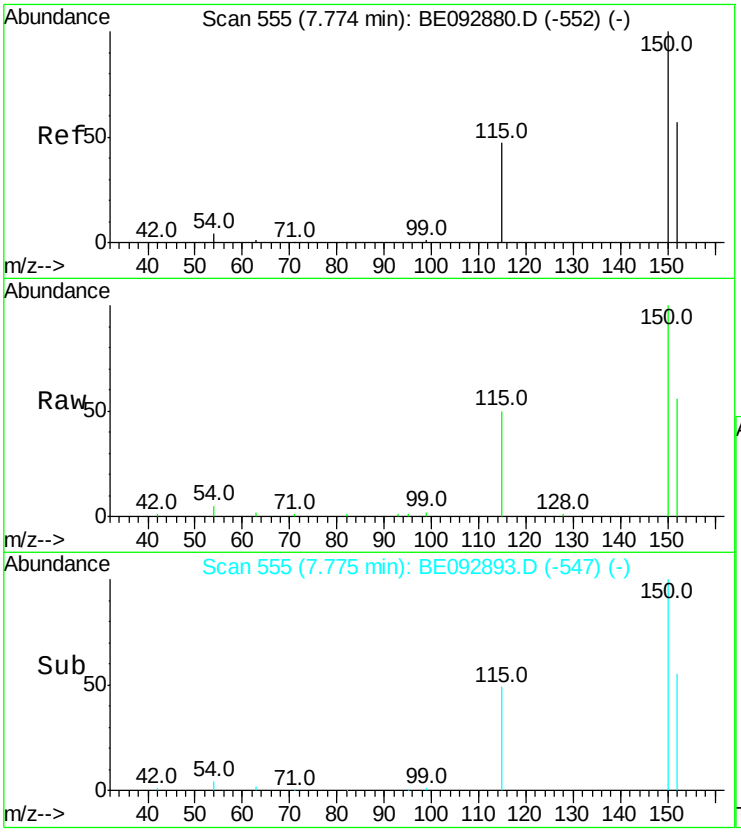
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Apr 04 16:35:54 2017
Response via : Initial Calibration



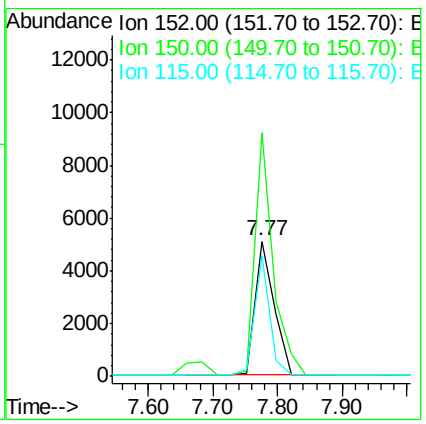


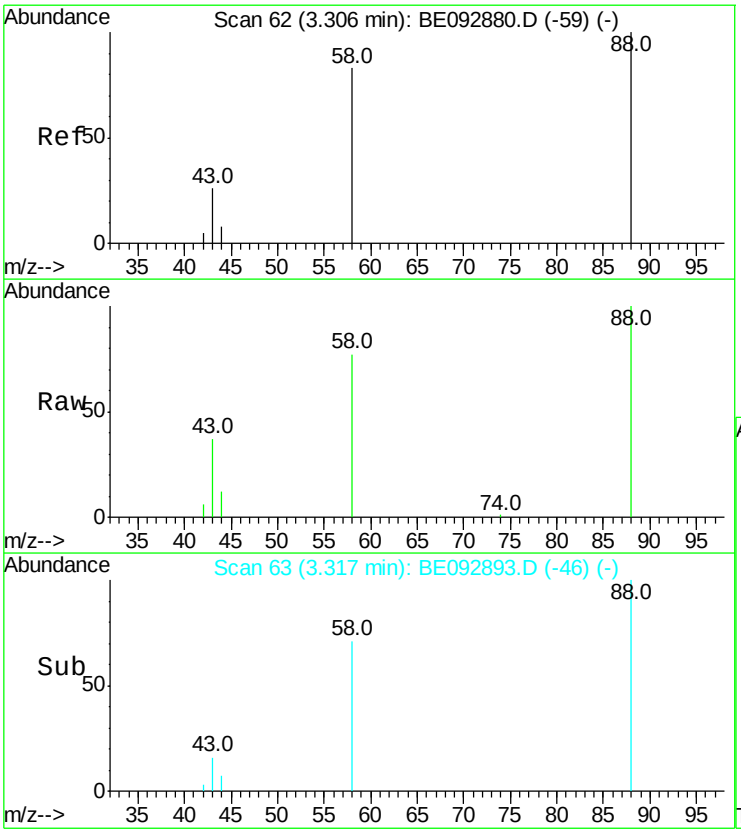
#1
1,4-Dichlorobenzene-d4
Concen: 5.00 ng
RT: 7.77 min Scan# 555
Delta R.T. -0.02 min
Lab File: BE092893.D
Acq: 7 Apr 2017 13:53

Instrument :
BNA_E
ClientSampleId :
PB98124BS

Tgt Ion:152 Resp: 10315

Ion	Ratio	Lower	Upper
152	100		
150	179.8	106.0	159.0#
115	89.2	31.2	46.8#

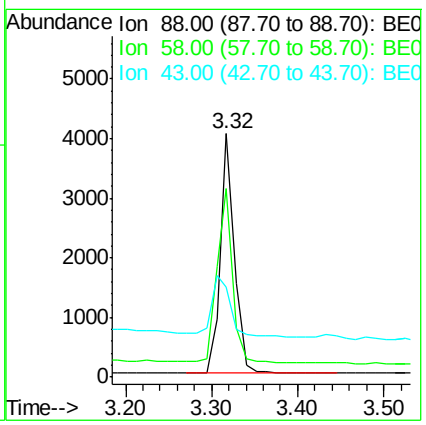


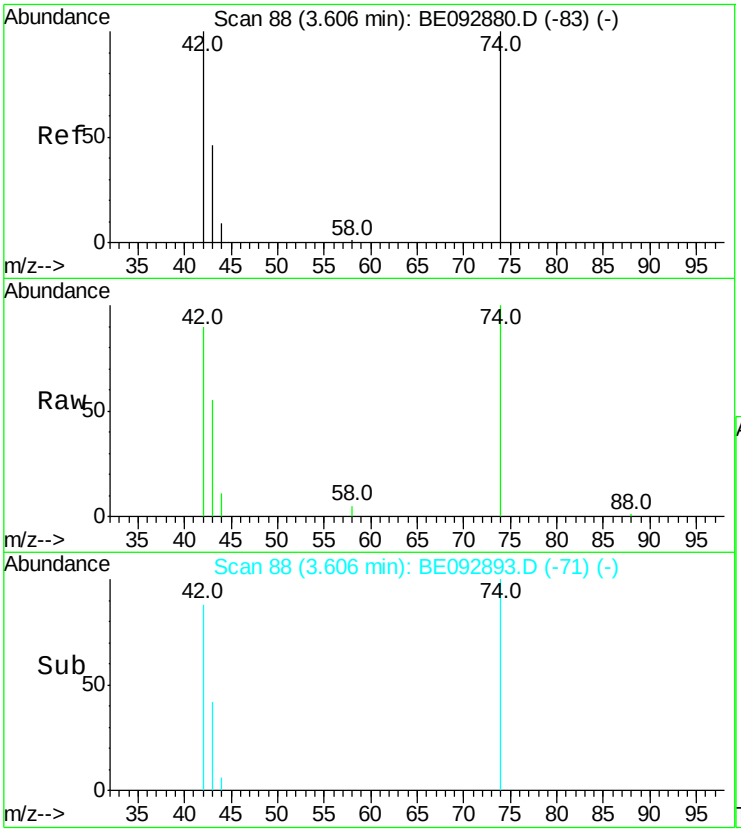


#2
1,4-Dioxane
Concen: 3.34 ng
RT: 3.32 min Scan# 63
Delta R.T. 0.00 min
Lab File: BE092893.D
Acq: 7 Apr 2017 13:53

Tgt Ion: 88 Resp: 4624

Ion	Ratio	Lower	Upper
88	100		
58	80.7	63.6	95.4
43	33.5	28.0	42.0



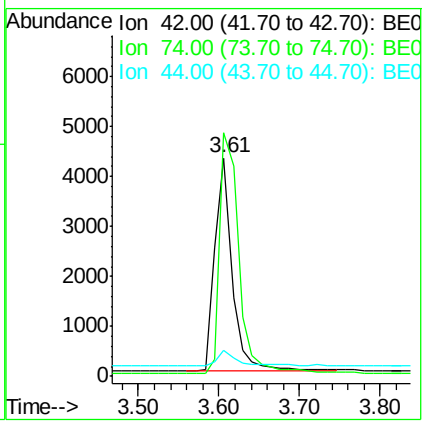


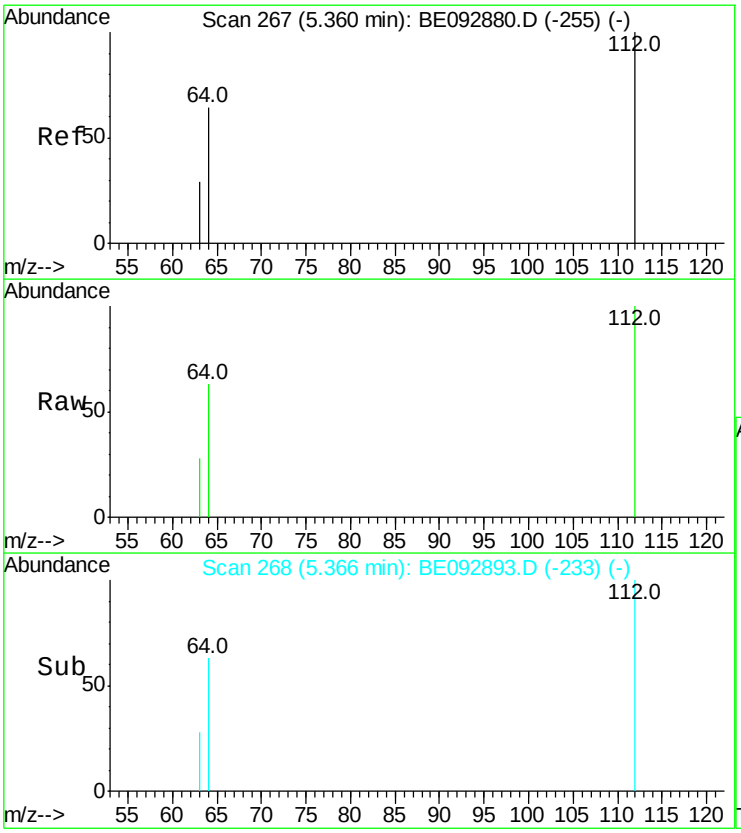
#3
n-Nitrosodimethylamine
Concen: 4.70 ng
RT: 3.61 min Scan# 88
Delta R.T. 0.00 min
Lab File: BE092893.D
Acq: 7 Apr 2017 13:53

Instrument :
BNA_E
ClientSampleId :
PB98124BS

Tgt Ion: 42 Resp: 6520

Ion	Ratio	Lower	Upper
42	100		
74	123.1	86.0	129.0
44	6.7	5.1	7.7

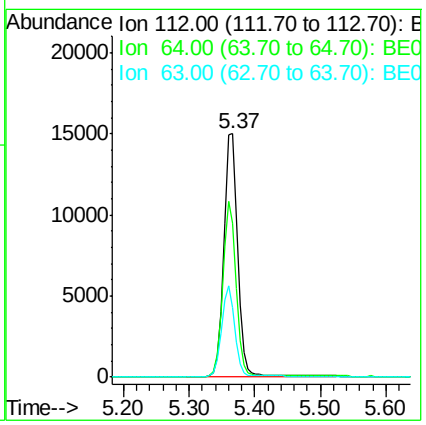


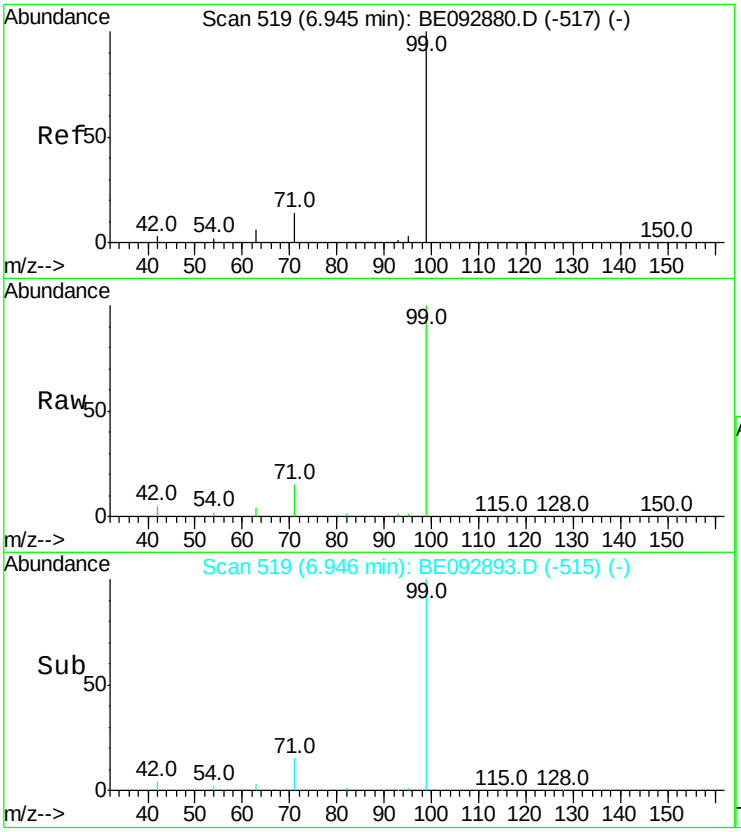


#4
2-Fluorophenol
Concen: 10.44 ng
RT: 5.37 min Scan# 268
Delta R.T. 0.01 min
Lab File: BE092893.D
Acq: 7 Apr 2017 13:53

Tgt Ion:112 Resp: 21686

Ion	Ratio	Lower	Upper
112	100		
64	69.1	53.5	80.3
63	35.5	27.9	41.9



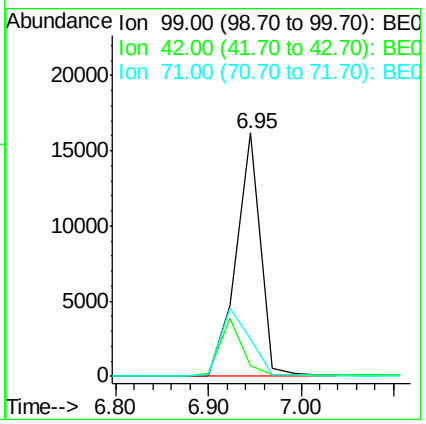


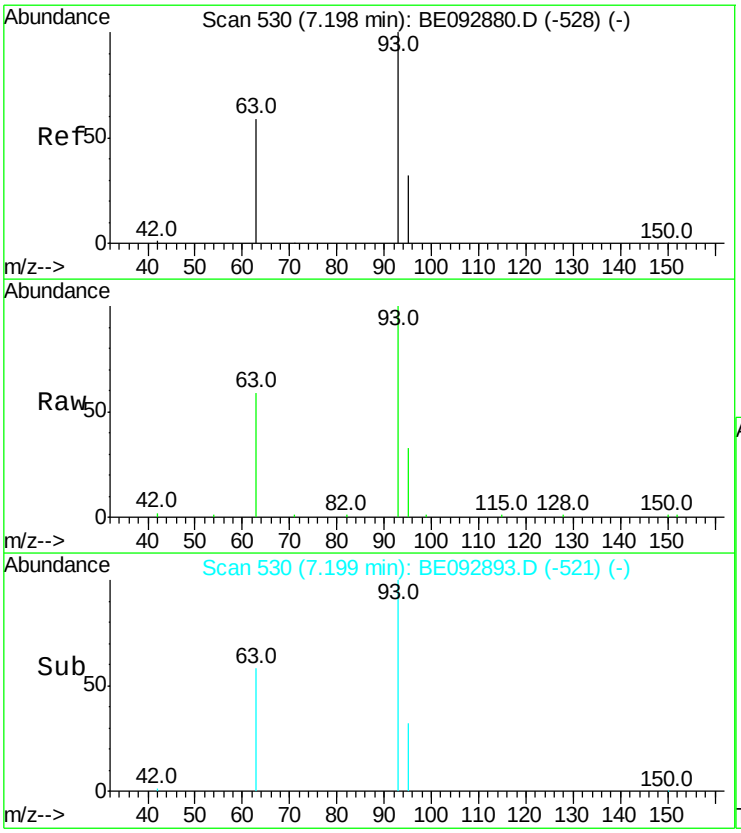
#5
Phenol-d6
Concen: 9.97 ng
RT: 6.95 min Scan# 519
Delta R.T. 0.00 min
Lab File: BE092893.D
Acq: 7 Apr 2017 13:53

Instrument :
BNA_E
ClientSampleId :
PB98124BS

Tgt Ion: 99 Resp: 29719

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

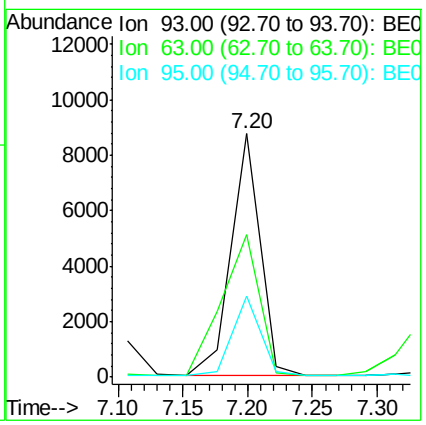


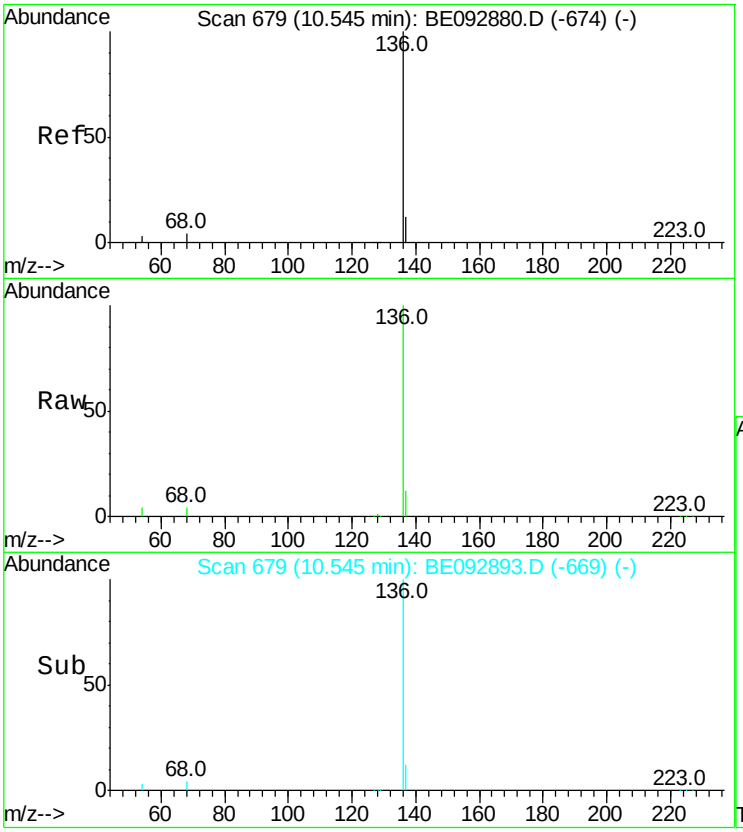


#6
bis(2-Chloroethyl)ether
Concen: 4.12 ng
RT: 7.20 min Scan# 530
Delta R.T. 0.00 min
Lab File: BE092893.D
Acq: 7 Apr 2017 13:53

Tgt Ion: 93 Resp: 13791

Ion	Ratio	Lower	Upper
93	100		
63	75.5	16.0	24.0#
95	32.1	24.0	36.0



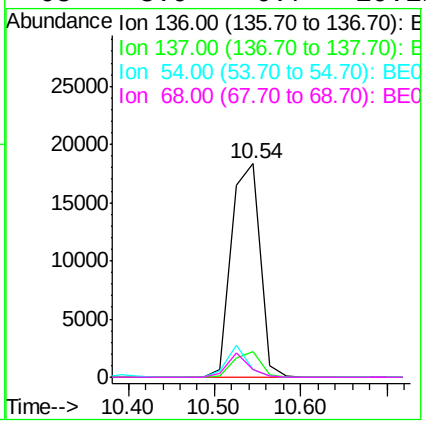


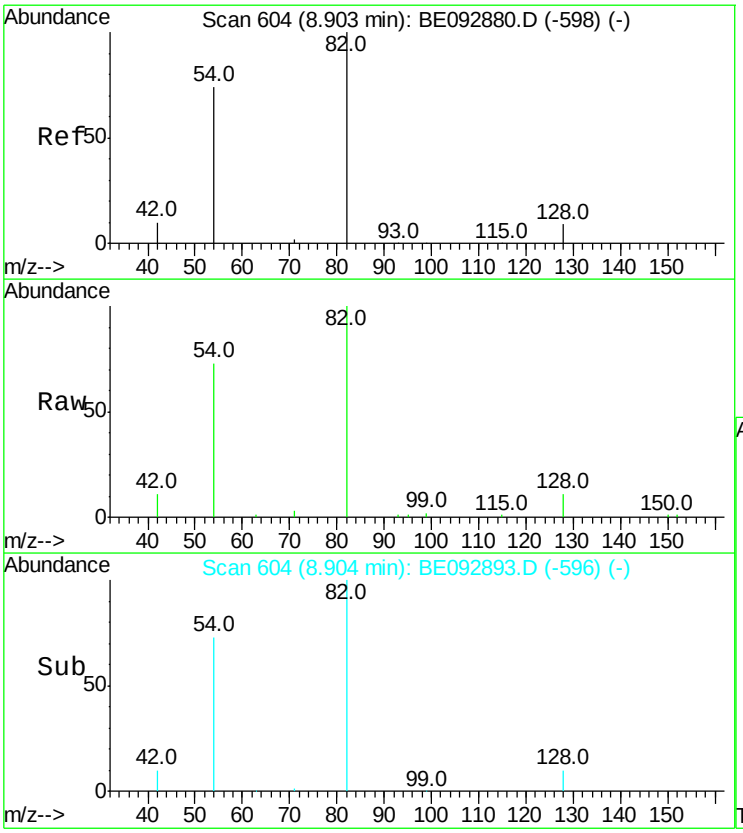
#7
Naphthalene-d8
Concen: 5.00 ng
RT: 10.54 min Scan# 679
Delta R.T. 0.00 min
Lab File: BE092893.D
Acq: 7 Apr 2017 13:53

Instrument :
BNA_E
ClientSampleId :
PB98124BS

Tgt Ion:136 Resp: 41975

Ion	Ratio	Lower	Upper
136	100		
137	12.2	8.2	12.4
54	3.6	9.6	14.4#
68	3.9	6.7	10.1#

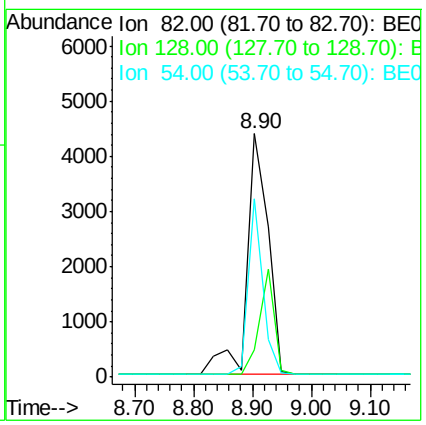


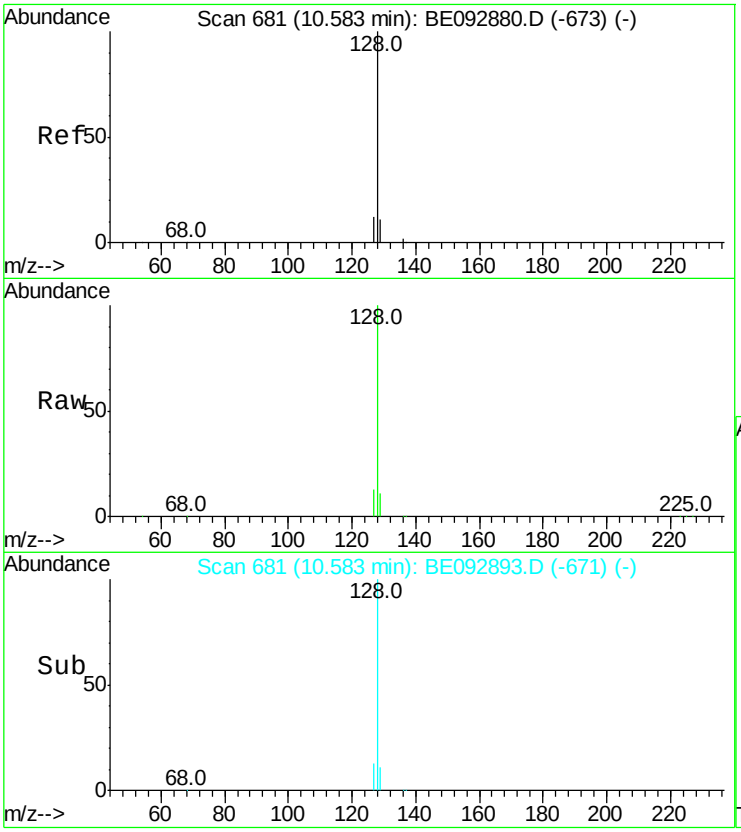


#8
Nitrobenzene-d5
Concen: 4.59 ng
RT: 8.90 min Scan# 604
Delta R.T. -0.02 min
Lab File: BE092893.D
Acq: 7 Apr 2017 13:53

Tgt Ion: 82 Resp: 11038

Ion	Ratio	Lower	Upper
82	100		
128	11.2	39.0	58.4#
54	73.2	44.8	67.2#



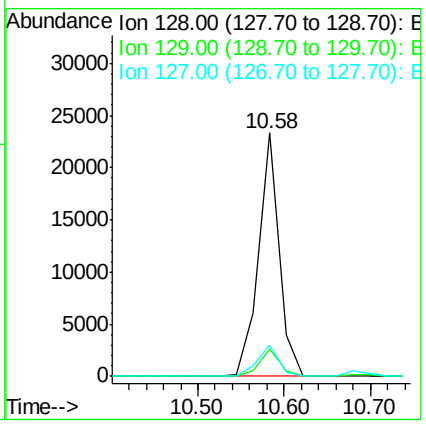


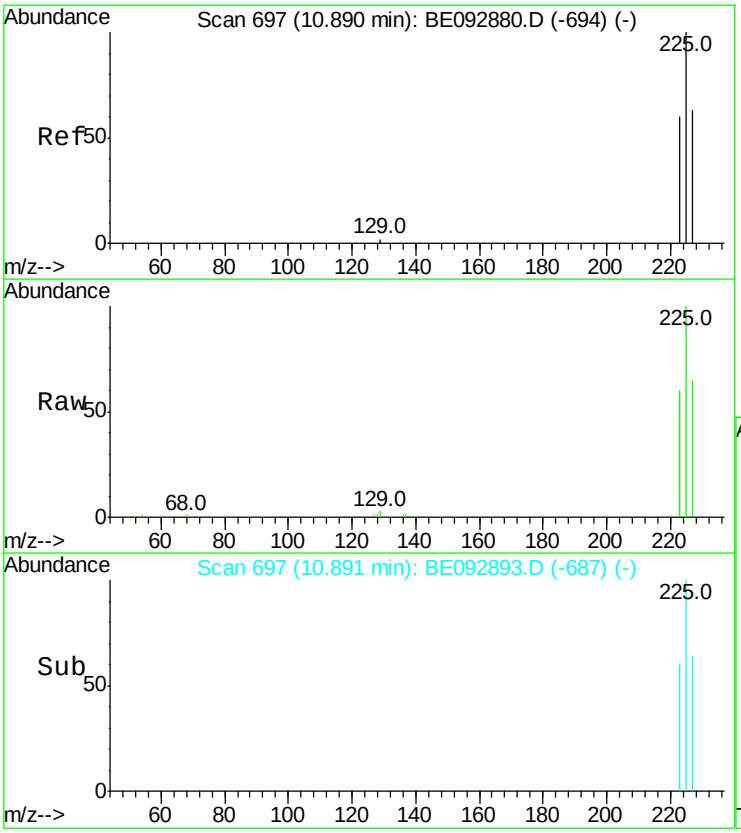
#9
Naphthalene
Concen: 4.14 ng
RT: 10.58 min Scan# 681
Delta R.T. 0.00 min
Lab File: BE092893.D
Acq: 7 Apr 2017 13:53

Instrument :
BNA_E
ClientSampleId :
PB98124BS

Tgt Ion:128 Resp: 38379

Ion	Ratio	Lower	Upper
128	100		
129	11.2	11.2	16.8#
127	12.7	11.6	17.4

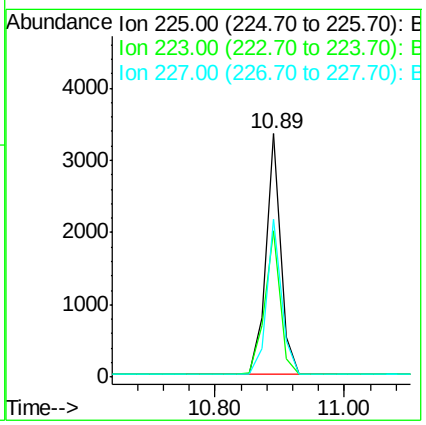


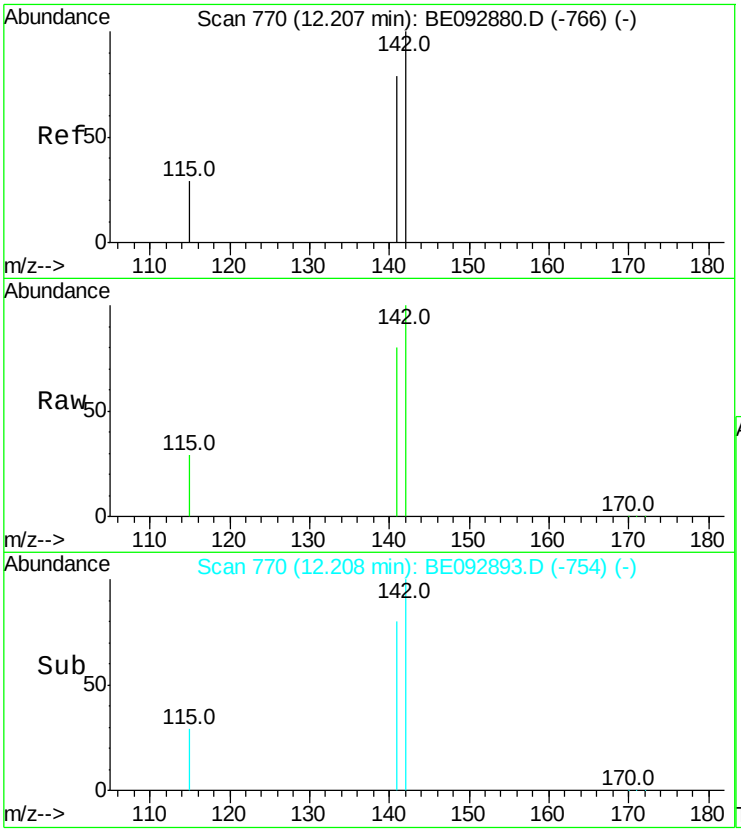


#10
Hexachlorobutadiene
Concen: 4.25 ng
RT: 10.89 min Scan# 697
Delta R.T. 0.00 min
Lab File: BE092893.D
Acq: 7 Apr 2017 13:53

Tgt Ion:225 Resp: 5320

Ion	Ratio	Lower	Upper
225	100		
223	62.5	50.6	76.0
227	63.9	51.4	77.0



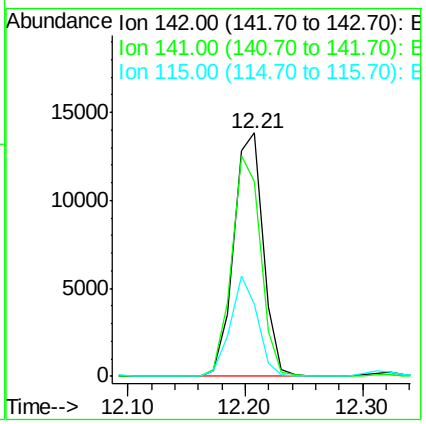


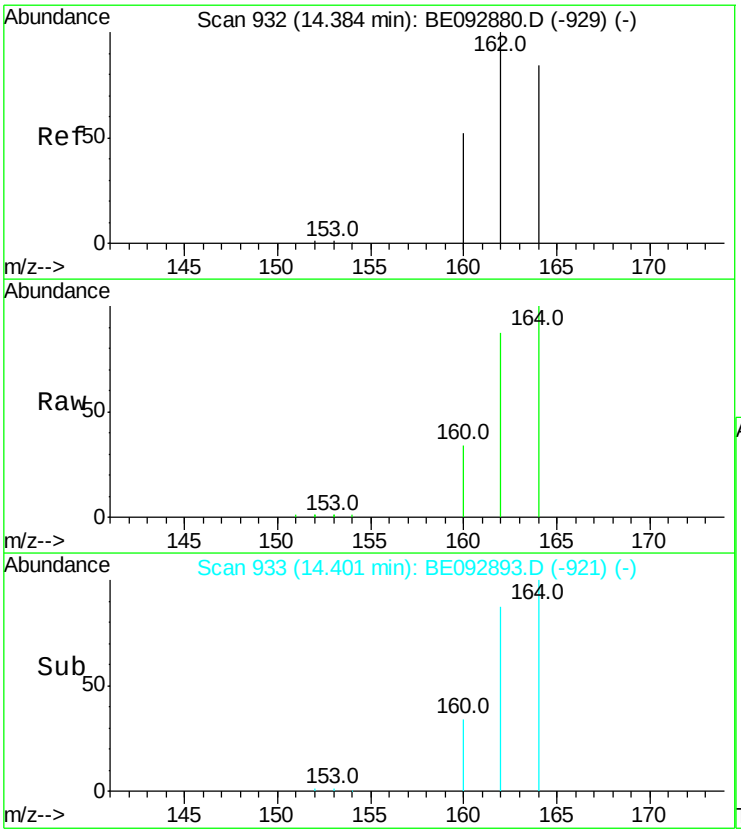
#11
2-Methylnaphthalene
Concen: 4.18 ng
RT: 12.21 min Scan# 770
Delta R.T. 0.00 min
Lab File: BE092893.D
Acq: 7 Apr 2017 13:53

Instrument :
BNA_E
ClientSampleId :
PB98124BS

Tgt Ion:142 Resp: 23970

Ion	Ratio	Lower	Upper
142	100		
141	80.1	73.7	110.5
115	29.4	34.0	51.0#

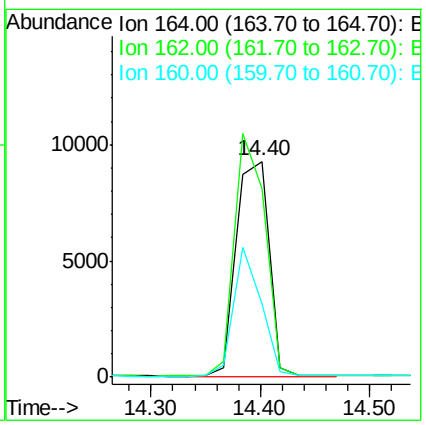


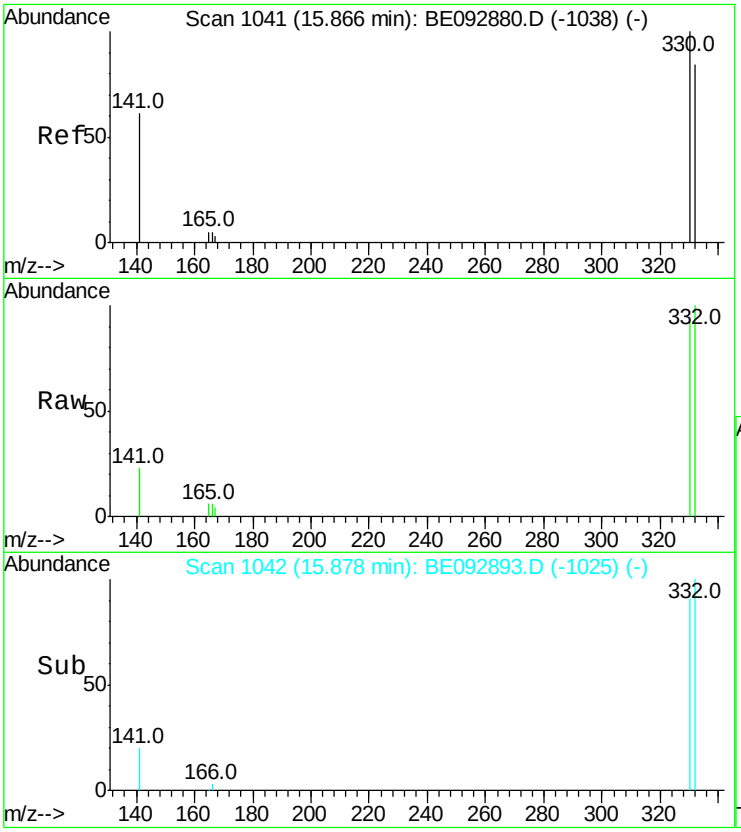


#12
Acenaphthene-d10
Concen: 5.00 ng
RT: 14.40 min Scan# 933
Delta R.T. 0.00 min
Lab File: BE092893.D
Acq: 7 Apr 2017 13:53

Tgt Ion:164 Resp: 19077

Ion	Ratio	Lower	Upper
164	100		
162	87.5	71.4	107.0
160	34.3	27.4	41.2



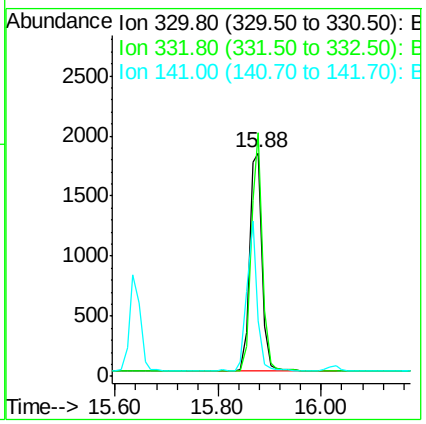


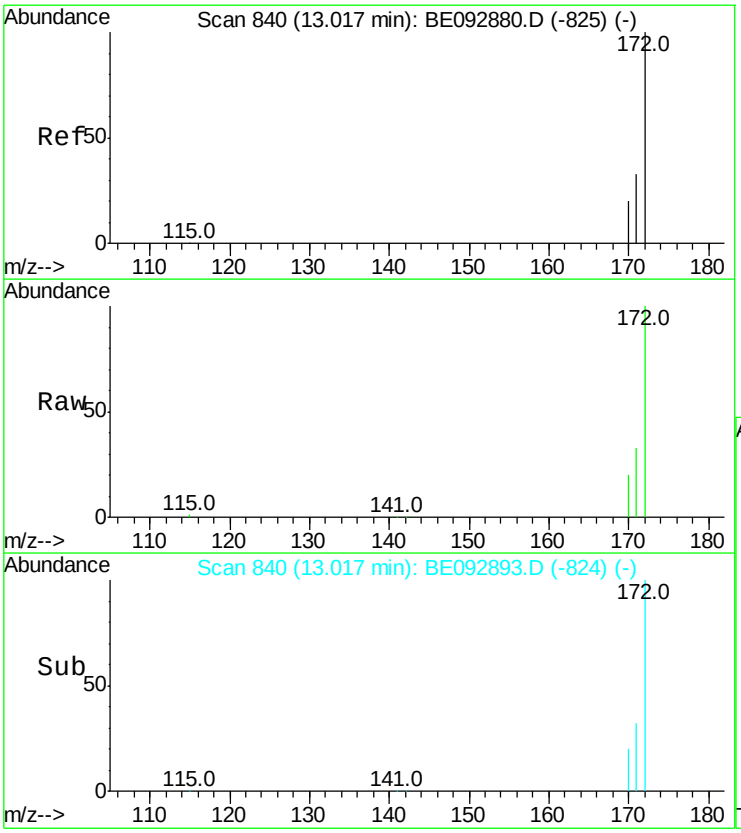
#13
2,4,6-Tribromophenol
Concen: 12.47 ng
RT: 15.88 min Scan# 1042
Delta R.T. 0.00 min
Lab File: BE092893.D
Acq: 7 Apr 2017 13:53

Instrument :
BNA_E
ClientSampleId :
PB98124BS

Tgt Ion:330 Resp: 3058

Ion	Ratio	Lower	Upper
330	100		
332	96.8	75.4	113.0
141	57.1	31.0	46.6#

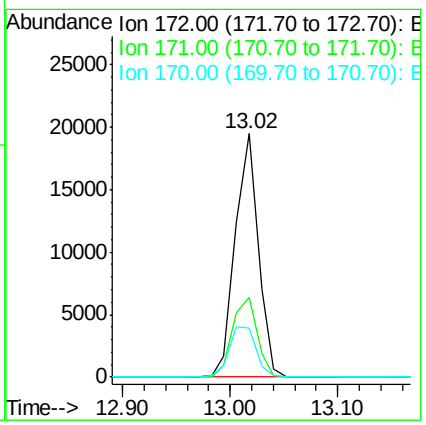


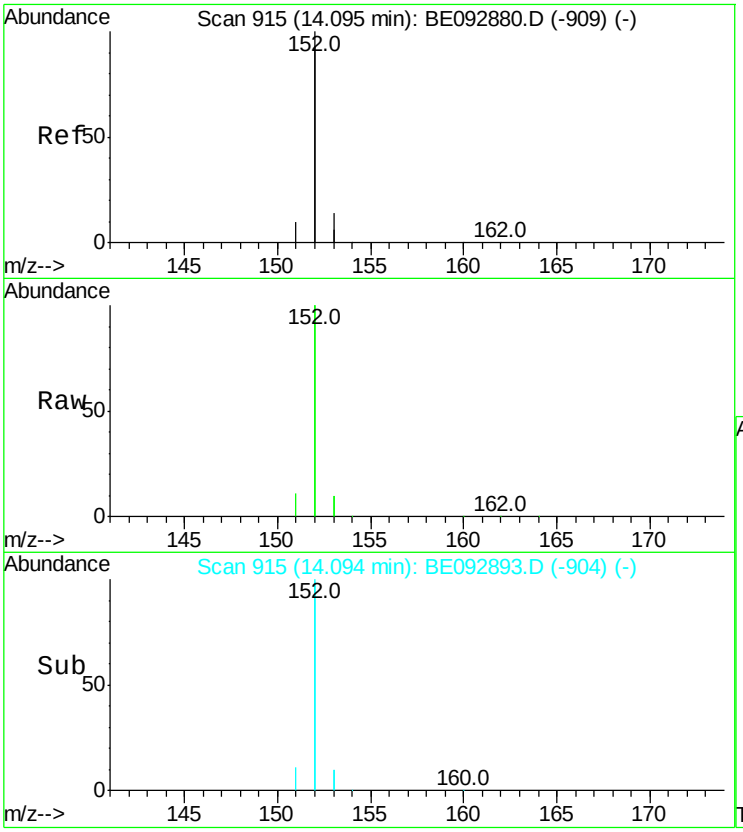


#14
2-Fluorobiphenyl
Concen: 4.44 ng
RT: 13.02 min Scan# 840
Delta R.T. -0.01 min
Lab File: BE092893.D
Acq: 7 Apr 2017 13:53

Tgt Ion:172 Resp: 28589

Ion	Ratio	Lower	Upper
172	100		
171	32.7	30.1	45.1
170	20.0	21.8	32.6#



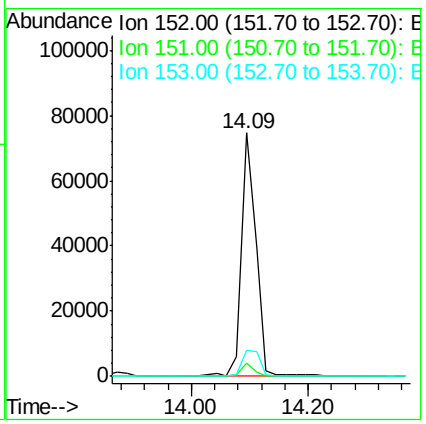


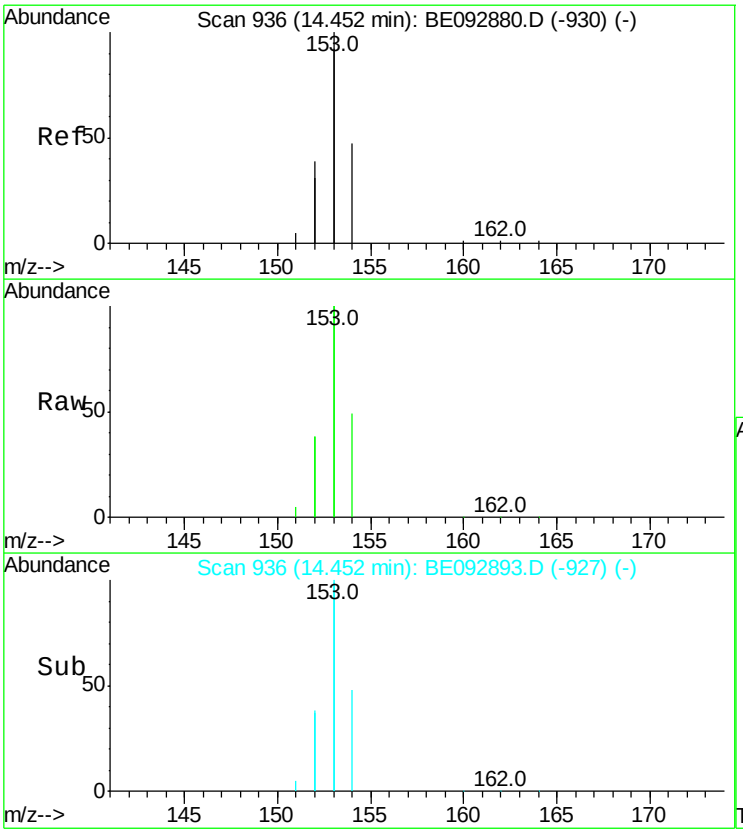
#15
Acenaphthylene
Concen: 4.70 ng
RT: 14.09 min Scan# 915
Delta R.T. -0.02 min
Lab File: BE092893.D
Acq: 7 Apr 2017 13:53

Instrument :
BNA_E
ClientSampleId :
PB98124BS

Tgt Ion:152 Resp: 126710

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

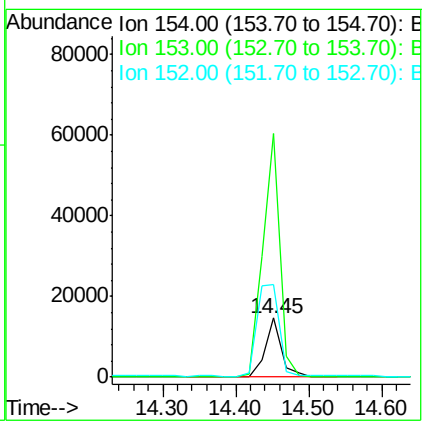


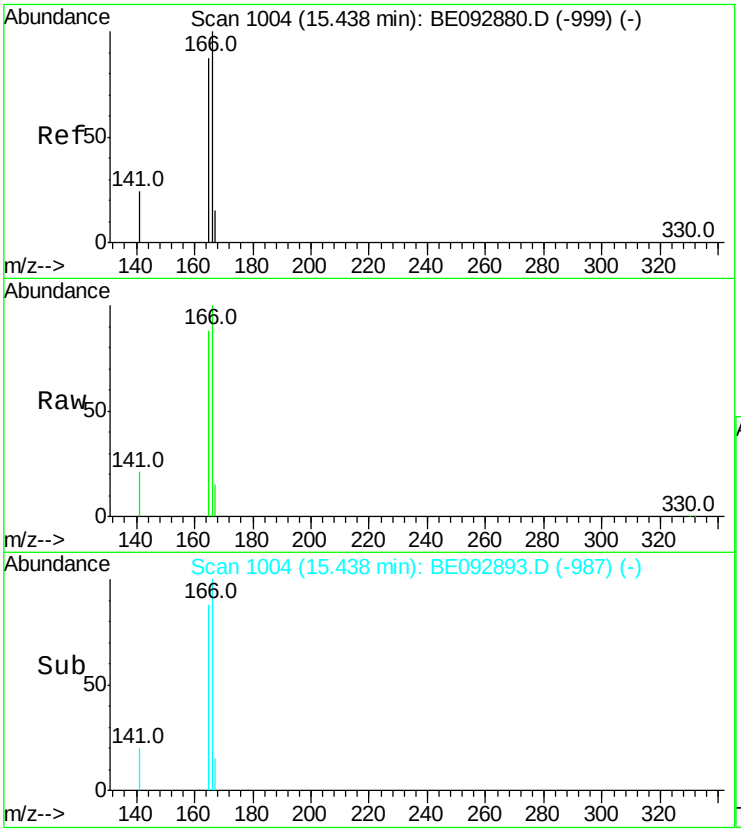


#16
Acenaphthene
Concen: 4.13 ng
RT: 14.45 min Scan# 936
Delta R.T. 0.00 min
Lab File: BE092893.D
Acq: 7 Apr 2017 13:53

Tgt Ion:154 Resp: 22907

Ion	Ratio	Lower	Upper
154	100		
153	427.7	350.8	526.2
152	210.3	171.1	256.7



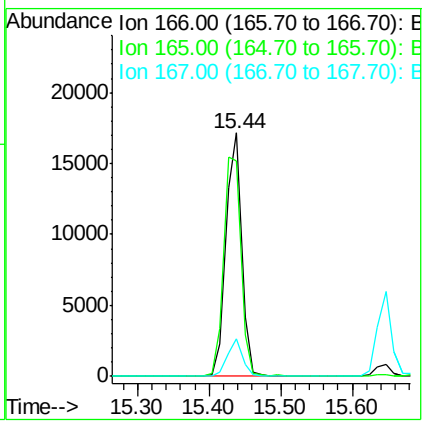


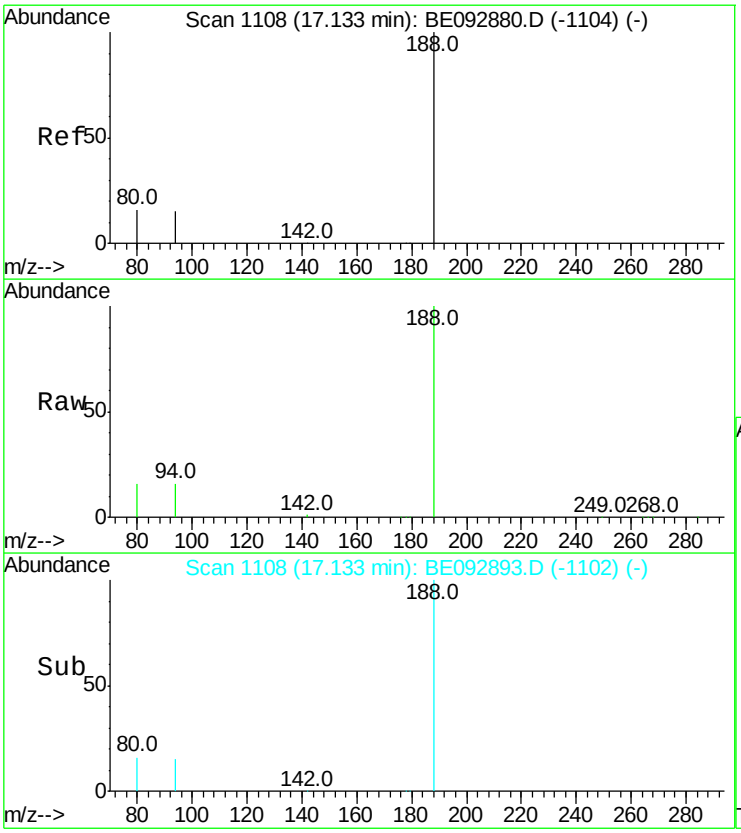
#17
Fluorene
Concen: 4.22 ng
RT: 15.44 min Scan# 1004
Delta R.T. 0.00 min
Lab File: BE092893.D
Acq: 7 Apr 2017 13:53

Instrument :
BNA_E
ClientSampleId :
PB98124BS

Tgt Ion:166 Resp: 25890

Ion	Ratio	Lower	Upper
166	100		
165	99.4	78.2	117.4
167	14.2	11.0	16.4

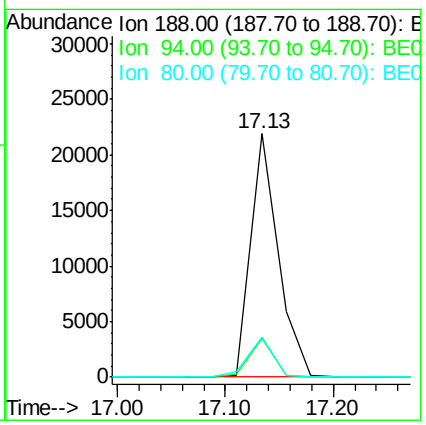


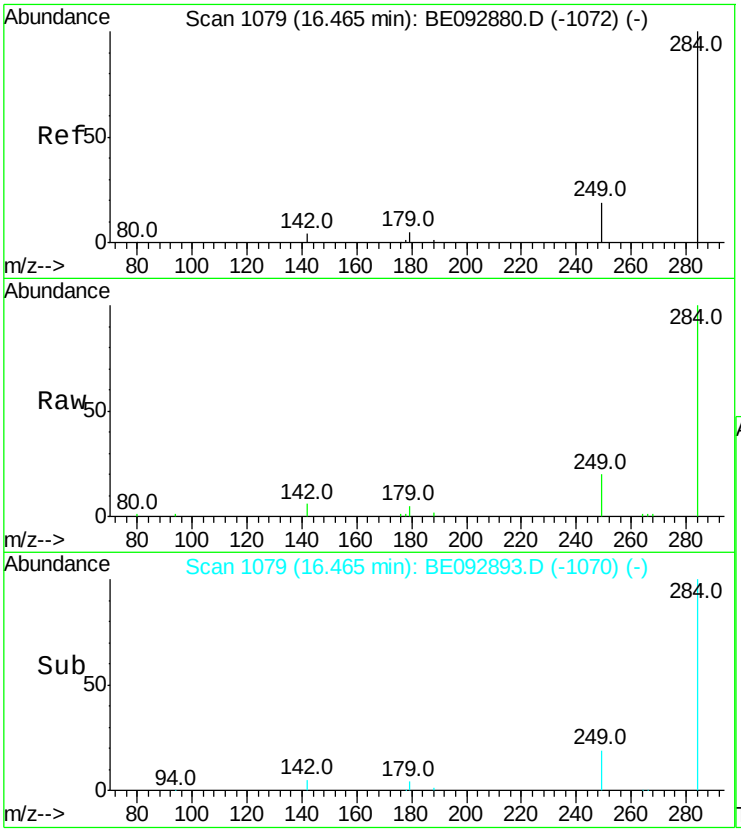


#18
Phenanthrene-d10
Concen: 5.00 ng
RT: 17.13 min Scan# 1108
Delta R.T. -0.02 min
Lab File: BE092893.D
Acq: 7 Apr 2017 13:53

Tgt Ion:188 Resp: 38722

Ion	Ratio	Lower	Upper
188	100		
94	15.7	3.2	4.8#
80	16.4	2.6	3.8#



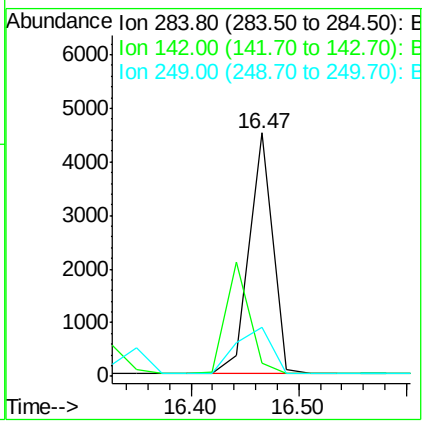


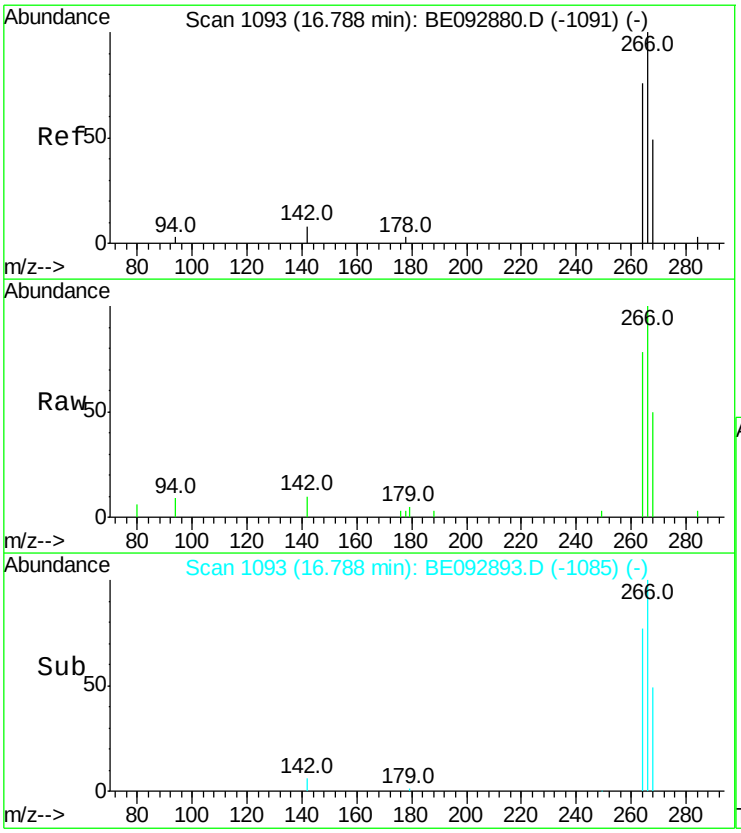
#19
Hexachlorobenzene
Concen: 4.64 ng
RT: 16.47 min Scan# 1079
Delta R.T. -0.00 min
Lab File: BE092893.D
Acq: 7 Apr 2017 13:53

Instrument :
BNA_E
ClientSampleId :
PB98124BS

Tgt Ion:284 Resp: 6815

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

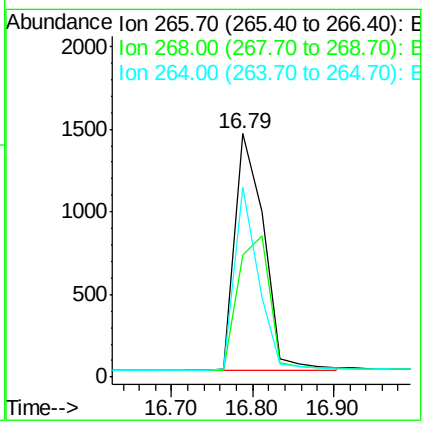


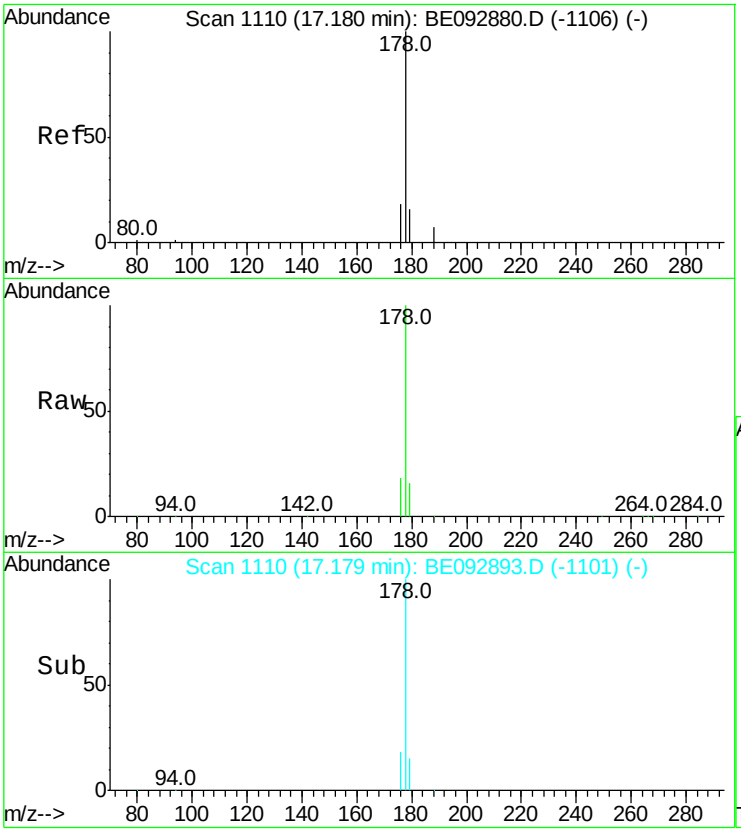


#20
Pentachlorophenol
Concen: 10.22 ng
RT: 16.79 min Scan# 1093
Delta R.T. -0.02 min
Lab File: BE092893.D
Acq: 7 Apr 2017 13:53

Tgt Ion:266 Resp: 3475

Ion	Ratio	Lower	Upper
266	100		
268	50.4	62.5	93.7#
264	77.7	57.2	85.8



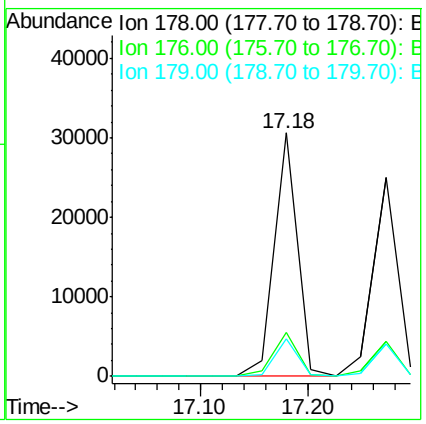


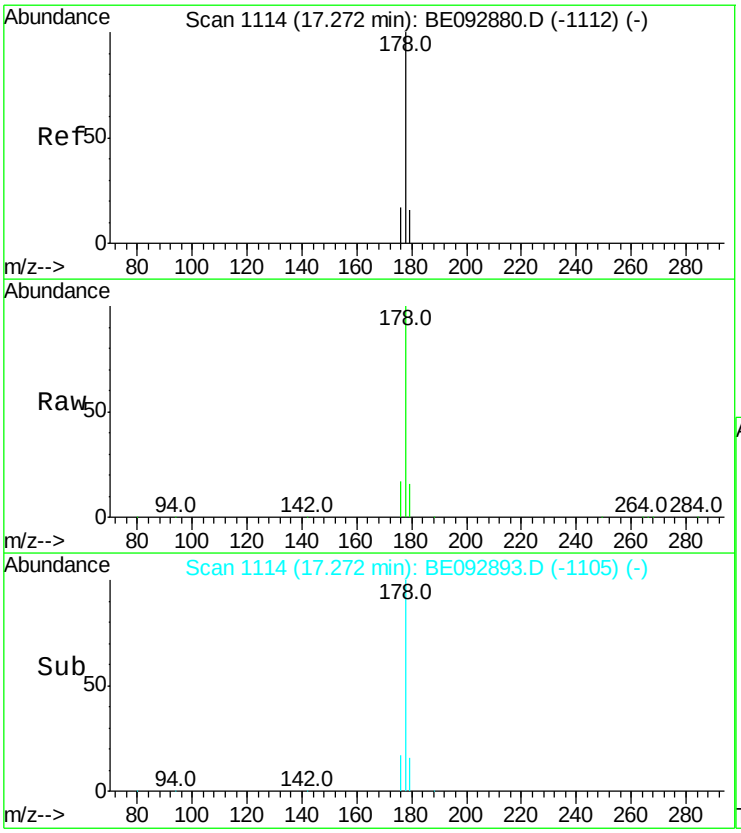
#21
Phenanthrene
Concen: 4.46 ng
RT: 17.18 min Scan# 1110
Delta R.T. -0.00 min
Lab File: BE092893.D
Acq: 7 Apr 2017 13:53

Instrument :
BNA_E
ClientSampleId :
PB98124BS

Tgt Ion:178 Resp: 46124

Ion	Ratio	Lower	Upper
178	100		
176	18.6	15.8	23.8
179	15.3	16.0	24.0#

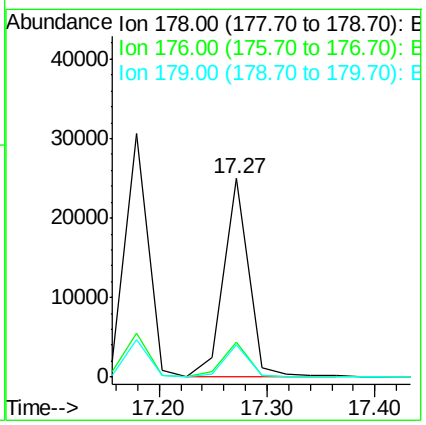


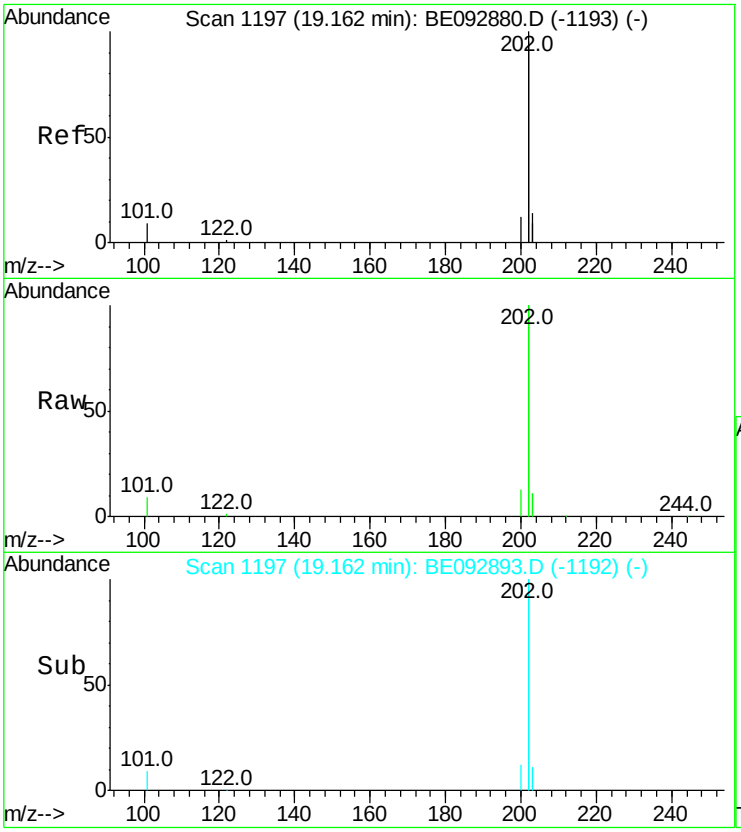


#22
Anthracene
Concen: 4.70 ng
RT: 17.27 min Scan# 1114
Delta R.T. -0.00 min
Lab File: BE092893.D
Acq: 7 Apr 2017 13:53

Tgt Ion:178 Resp: 39647

Ion	Ratio	Lower	Upper
178	100		
176	18.0	15.0	22.4
179	15.7	12.2	18.2



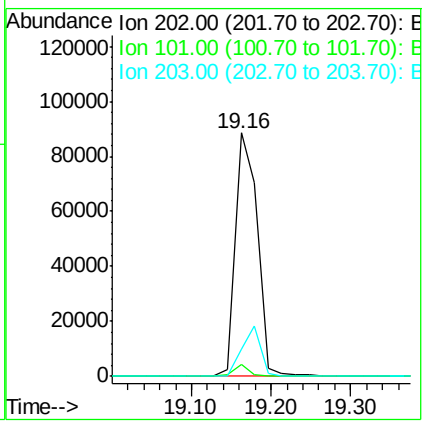


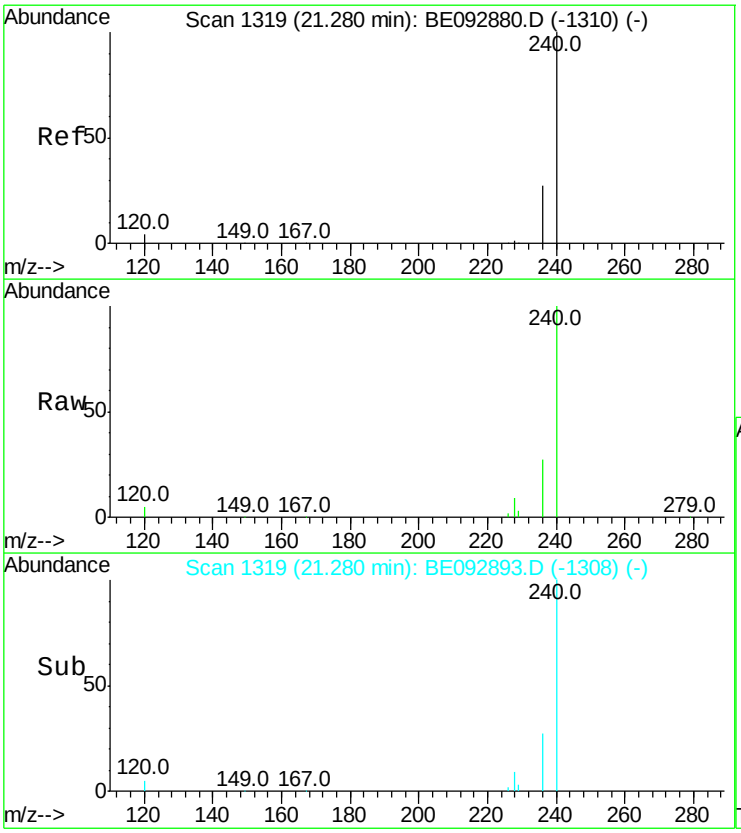
#23
Fluoranthene
Concen: 4.47 ng
RT: 19.16 min Scan# 1197
Delta R.T. -0.02 min
Lab File: BE092893.D
Acq: 7 Apr 2017 13:53

Instrument :
BNA_E
ClientSampleId :
PB98124BS

Tgt Ion:202 Resp: 169316

Ion	Ratio	Lower	Upper
202	100		
101	3.2	2.2	3.4
203	17.6	13.7	20.5

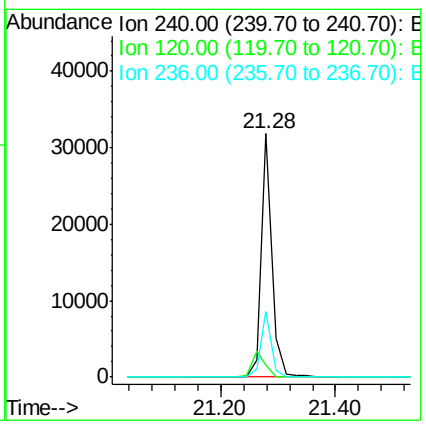


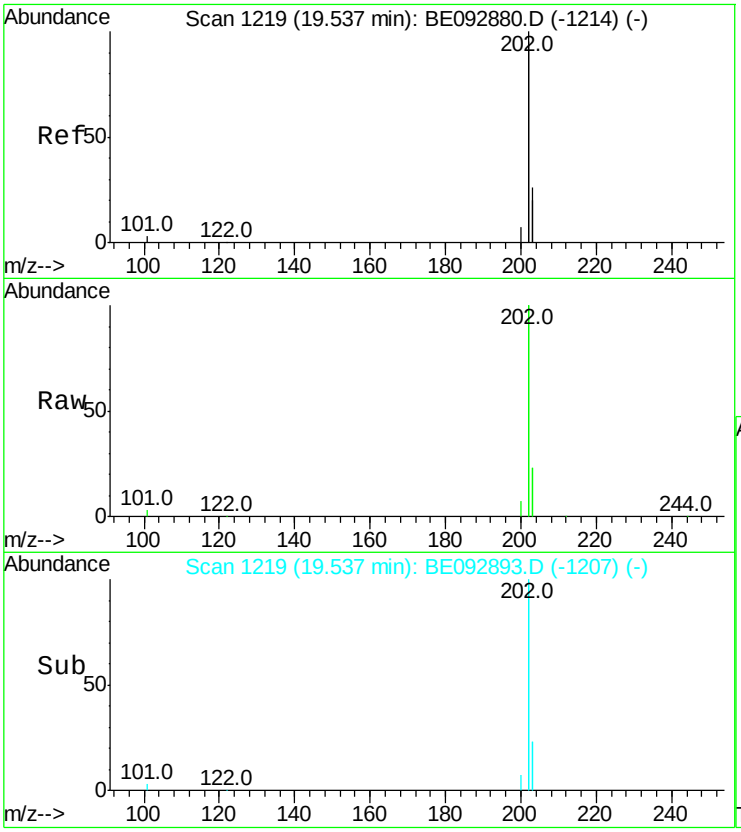


#24
Chrysene-d12
Concen: 5.00 ng
RT: 21.28 min Scan# 1319
Delta R.T. -0.02 min
Lab File: BE092893.D
Acq: 7 Apr 2017 13:53

Tgt Ion:240 Resp: 41335

Ion	Ratio	Lower	Upper
240	100		
120	4.8	2.6	4.0#
236	27.0	24.6	37.0



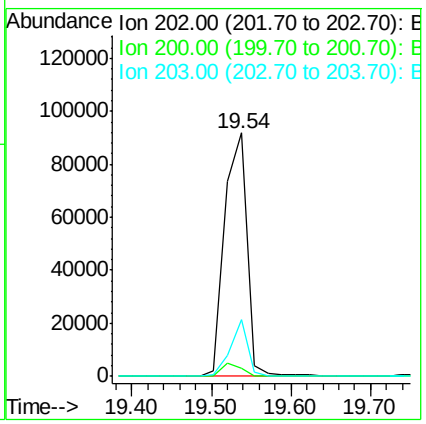


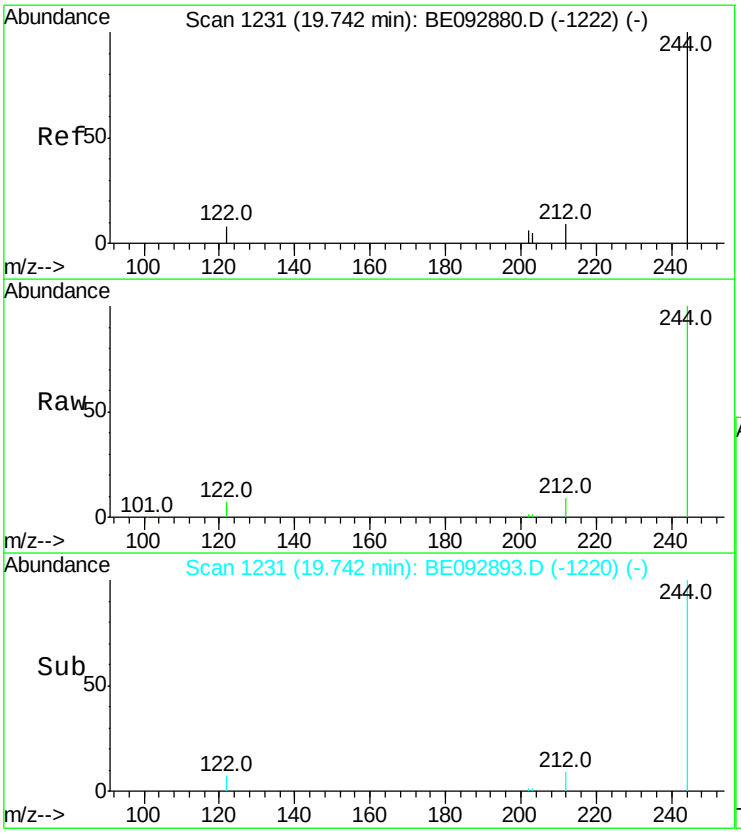
#25
Pyrene
Concen: 4.78 ng
RT: 19.54 min Scan# 1219
Delta R.T. 0.00 min
Lab File: BE092893.D
Acq: 7 Apr 2017 13:53

Instrument :
BNA_E
ClientSampleId :
PB98124BS

Tgt Ion:202 Resp: 176468

Ion	Ratio	Lower	Upper
202	100		
200	5.0	4.2	6.4
203	18.1	13.9	20.9

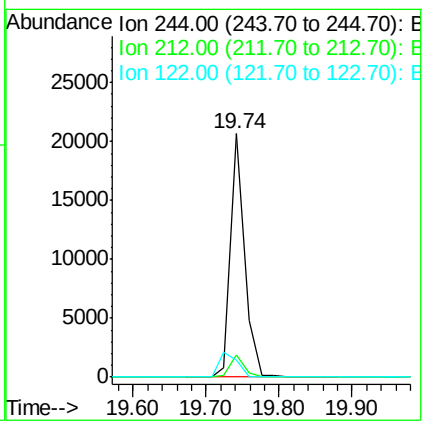


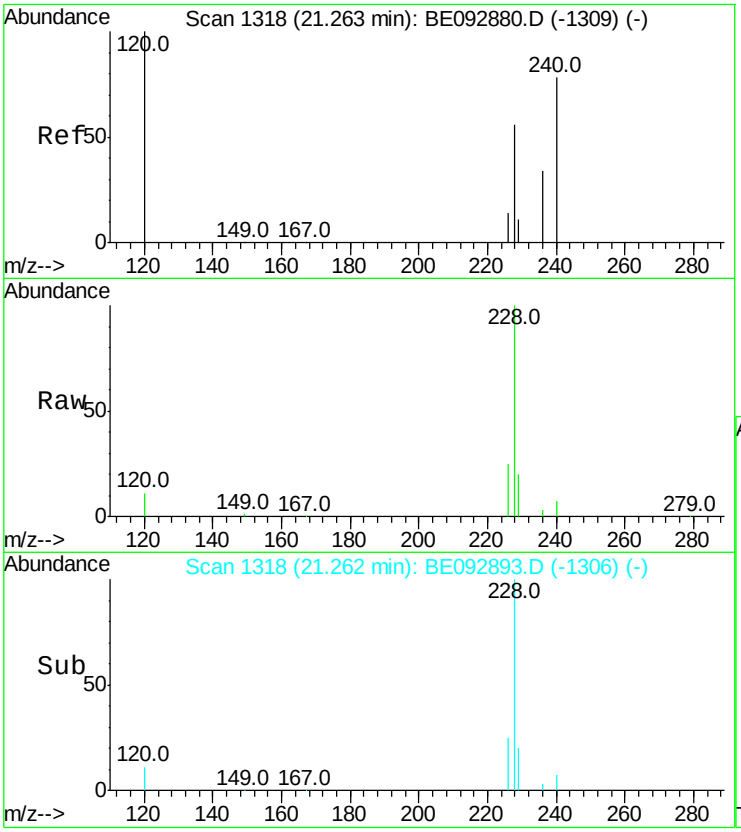


#26
Terphenyl-d14
Concen: 4.26 ng
RT: 19.74 min Scan# 1231
Delta R.T. -0.02 min
Lab File: BE092893.D
Acq: 7 Apr 2017 13:53

Tgt Ion:244 Resp: 27079

Ion	Ratio	Lower	Upper
244	100		
212	9.2	6.7	10.1
122	7.1	3.6	5.4#



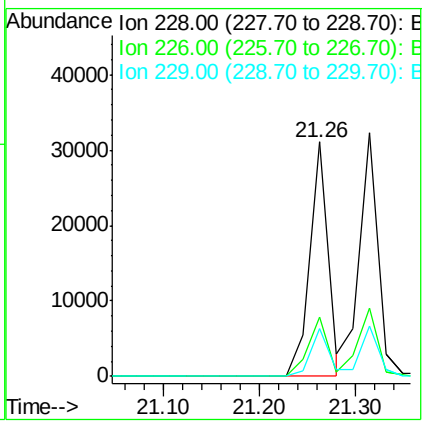


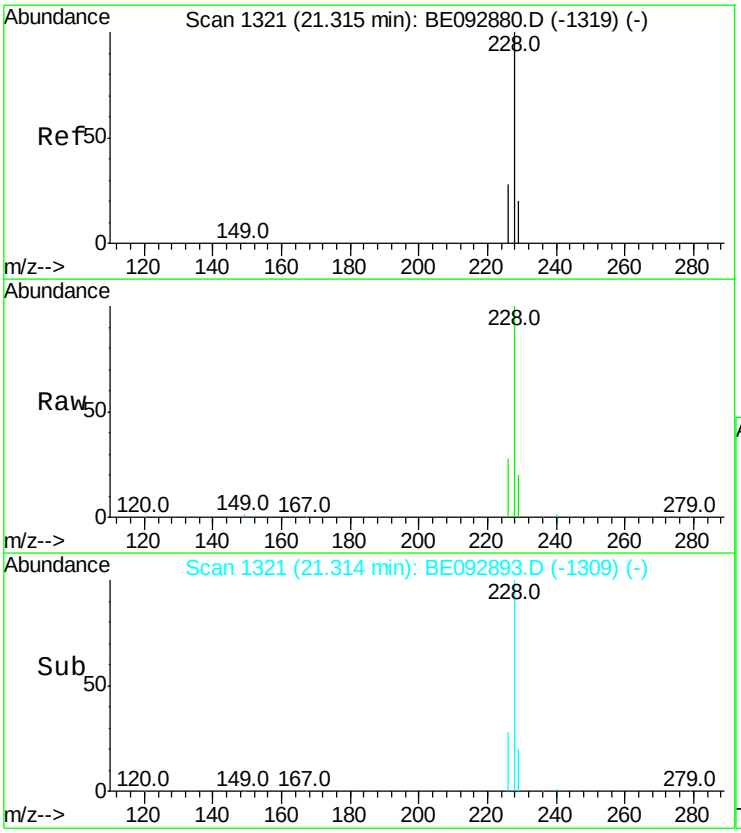
#27
Benzo(a)anthracene
Concen: 4.58 ng
RT: 21.26 min Scan# 1318
Delta R.T. -0.00 min
Lab File: BE092893.D
Acq: 7 Apr 2017 13:53

Instrument :
BNA_E
ClientSampleId :
PB98124BS

Tgt Ion:228 Resp: 40851

Ion	Ratio	Lower	Upper
228	100		
226	25.1	23.6	35.4
229	20.2	13.3	19.9#

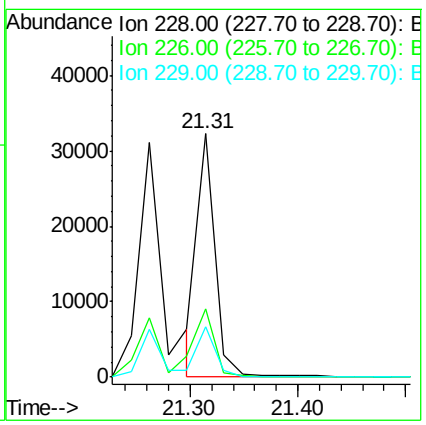


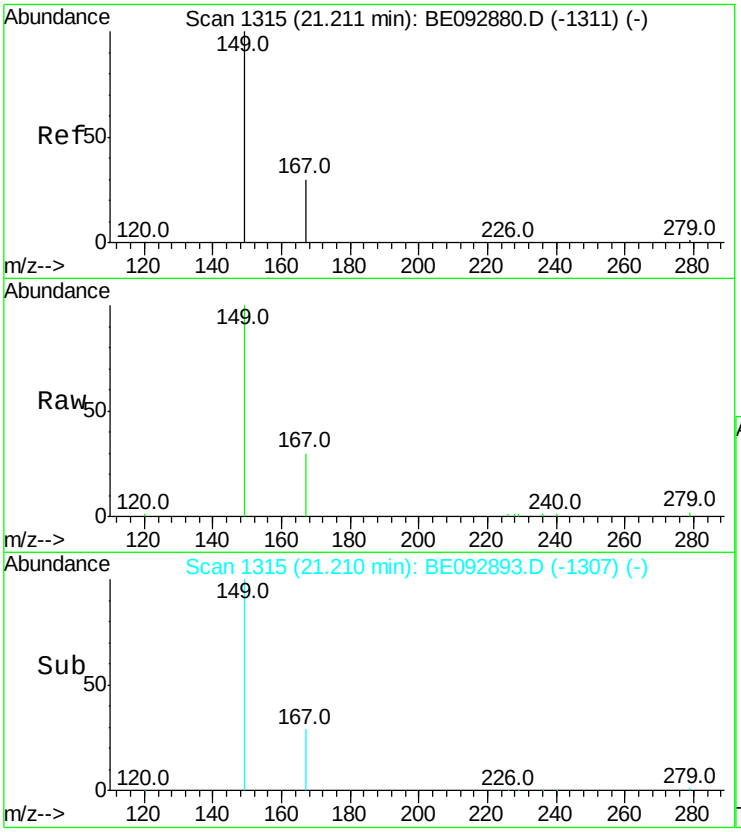


#28
Chrysene
Concen: 3.59 ng
RT: 21.31 min Scan# 1321
Delta R.T. -0.00 min
Lab File: BE092893.D
Acq: 7 Apr 2017 13:53

Tgt Ion:228 Resp: 37119

Ion	Ratio	Lower	Upper
228	100		
226	28.0	36.3	54.5#
229	20.5	10.6	16.0#



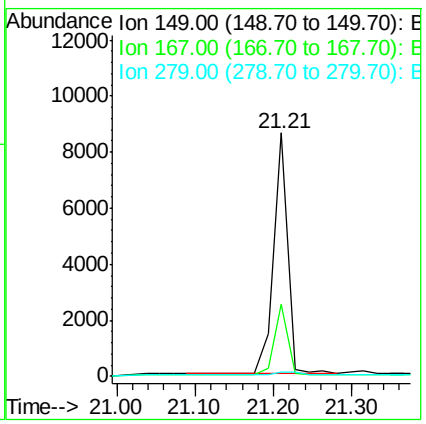


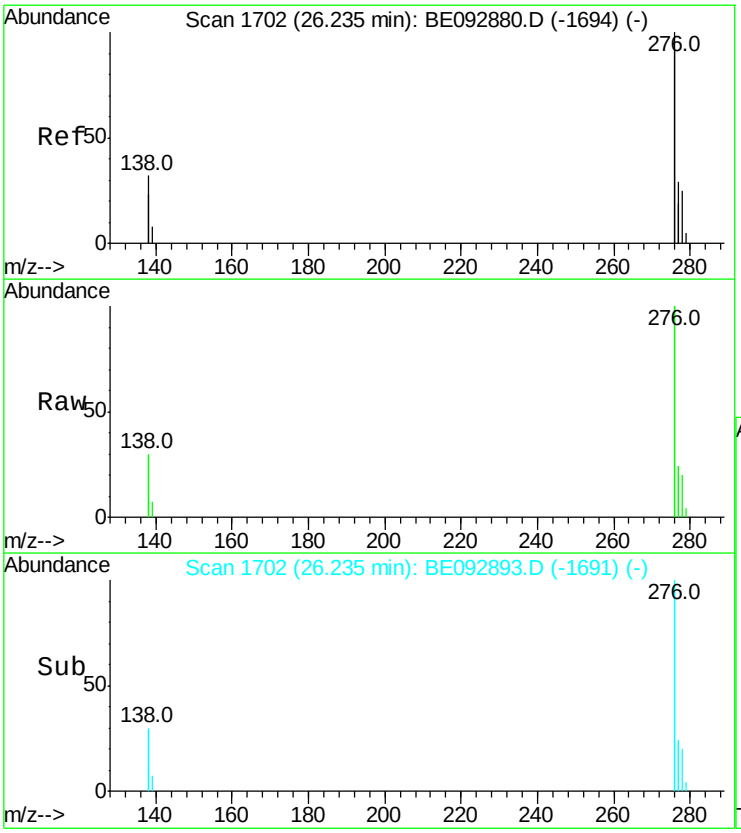
#29
Bis(2-ethylhexyl)phthalate
Concen: 3.75 ng
RT: 21.21 min Scan# 1315
Delta R.T. -0.02 min
Lab File: BE092893.D
Acq: 7 Apr 2017 13:53

Instrument :
BNA_E
ClientSampleId :
PB98124BS

Tgt Ion:149 Resp: 10782

Ion	Ratio	Lower	Upper
149	100		
167	27.4	16.0	24.0#
279	2.1	16.0	24.0#

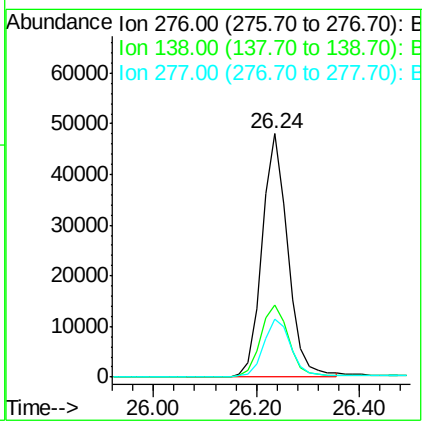


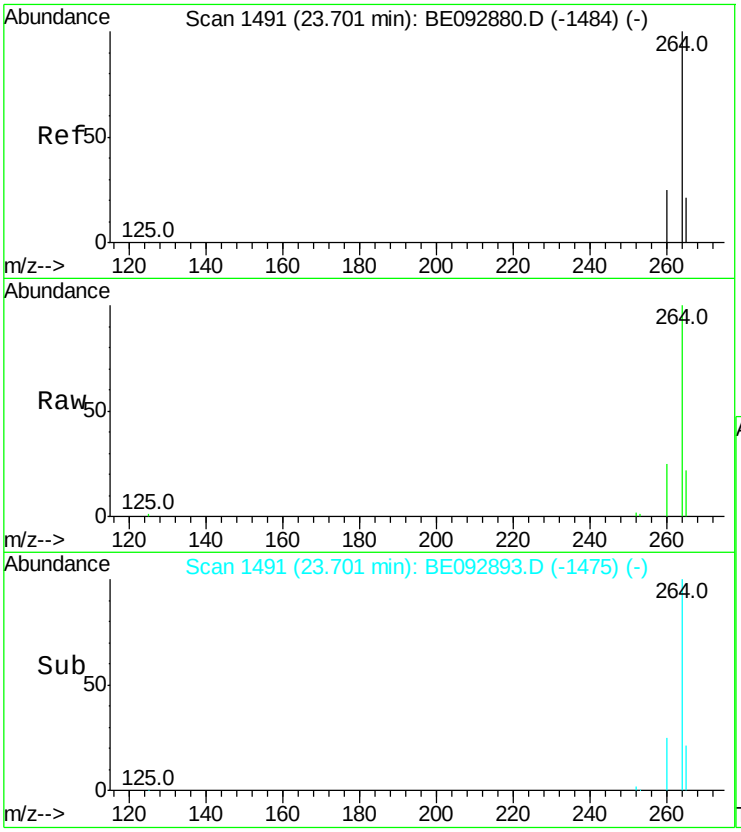


#30
Indeno(1,2,3-cd)pyrene
Concen: 4.72 ng
RT: 26.24 min Scan# 1702
Delta R.T. -0.02 min
Lab File: BE092893.D
Acq: 7 Apr 2017 13:53

Tgt Ion:276 Resp: 162872

Ion	Ratio	Lower	Upper
276	100		
138	31.7	20.3	30.5#
277	24.9	19.7	29.5



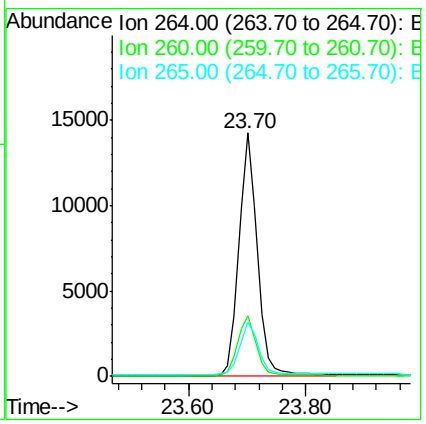


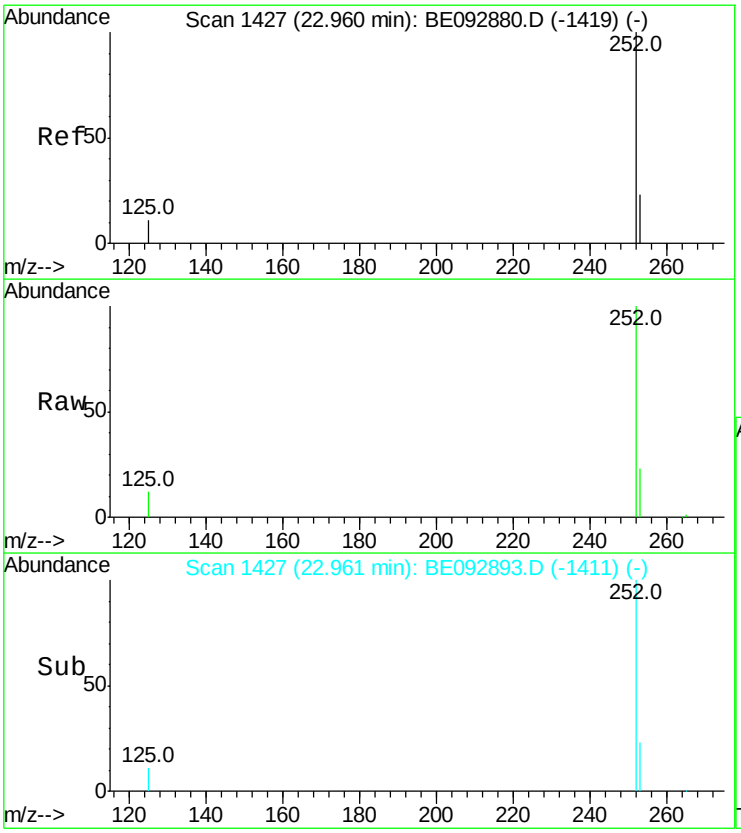
#31
Perylene-d12
Concen: 5.00 ng
RT: 23.70 min Scan# 1491
Delta R.T. -0.01 min
Lab File: BE092893.D
Acq: 7 Apr 2017 13:53

Instrument :
BNA_E
ClientSampleId :
PB98124BS

Tgt Ion:264 Resp: 30754

Ion	Ratio	Lower	Upper
264	100		
260	24.9	20.1	30.1
265	22.1	17.9	26.9

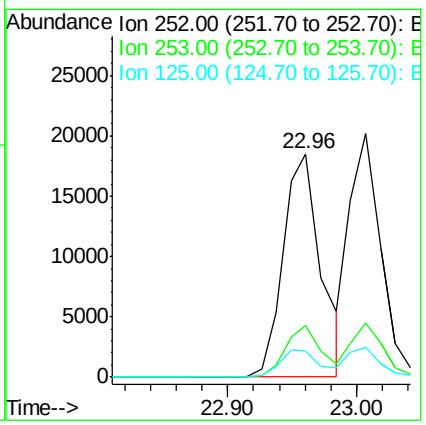


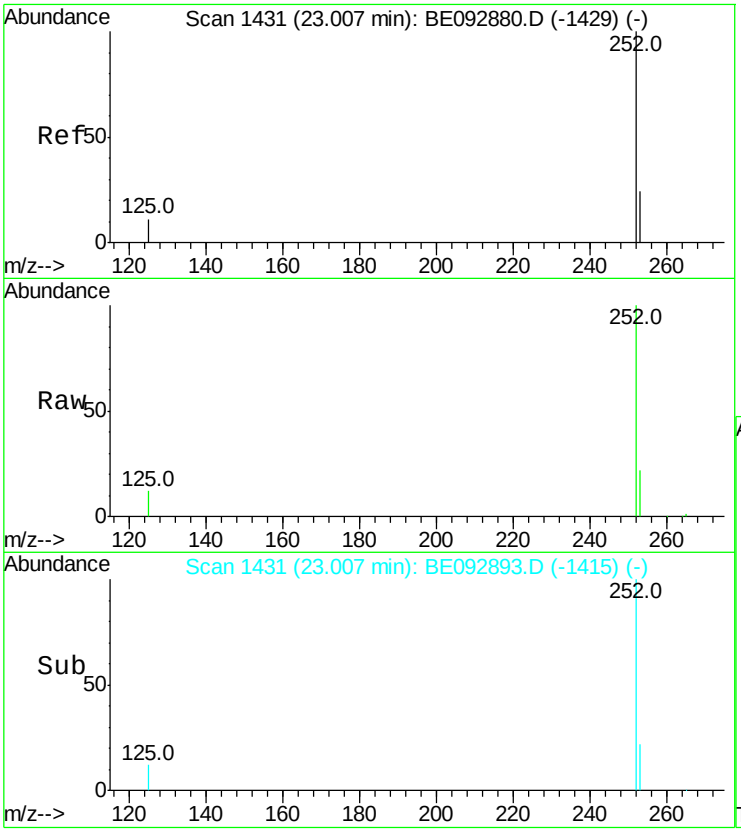


#32
Benzo(b)fluoranthene
Concen: 4.94 ng
RT: 22.96 min Scan# 1427
Delta R.T. -0.01 min
Lab File: BE092893.D
Acq: 7 Apr 2017 13:53

Tgt Ion:252 Resp: 37564

Ion	Ratio	Lower	Upper
252	100		
253	22.9	18.7	28.1
125	11.8	10.5	15.7



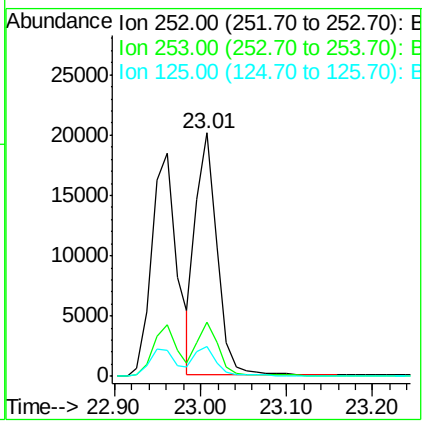


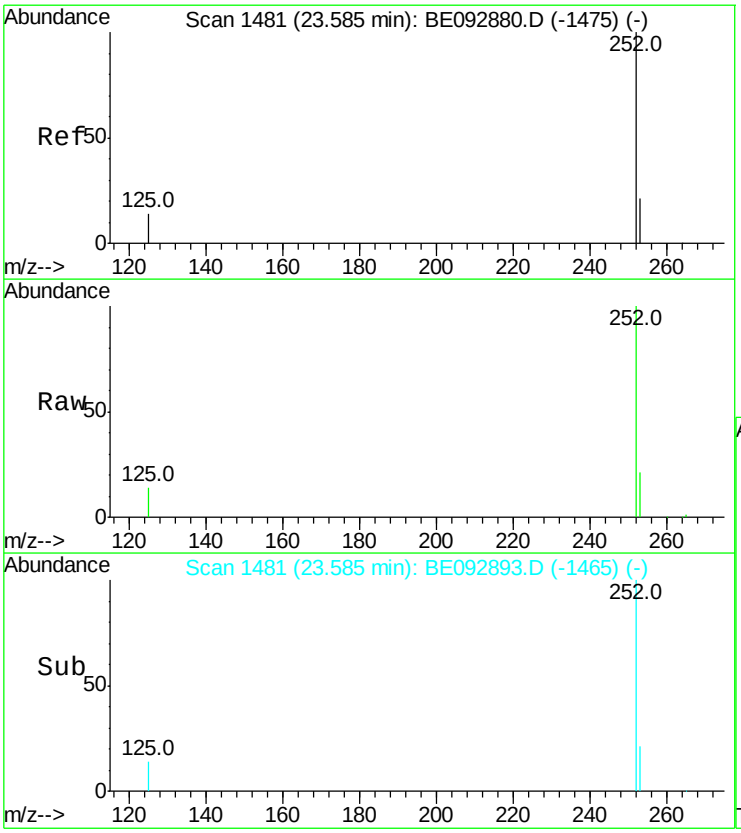
#33
Benzo(k)fluoranthene
Concen: 5.01 ng
RT: 23.01 min Scan# 1431
Delta R.T. -0.01 min
Lab File: BE092893.D
Acq: 7 Apr 2017 13:53

Instrument :
BNA_E
ClientSampleId :
PB98124BS

Tgt Ion:252 Resp: 34488

Ion	Ratio	Lower	Upper
252	100		
253	22.1	20.3	30.5
125	12.1	9.6	14.4

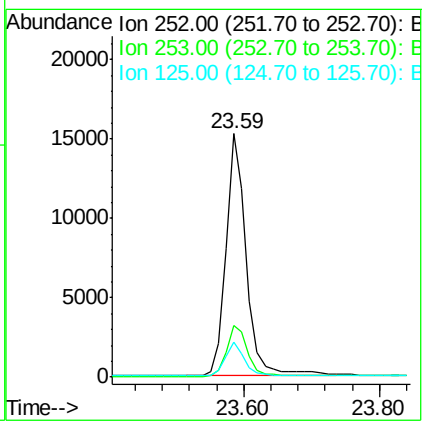


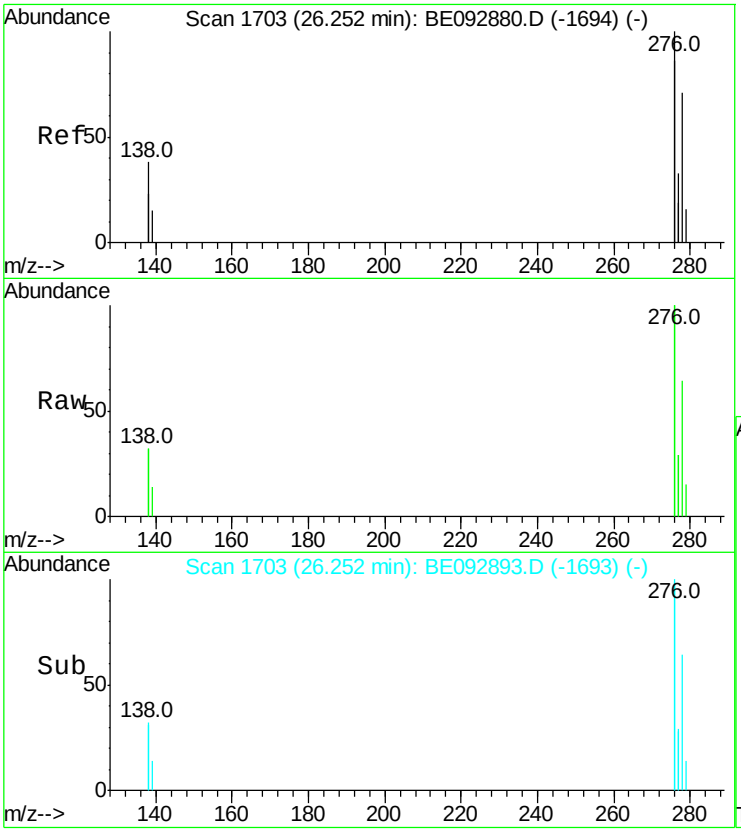


#34
Benzo(a)pyrene
Concen: 5.45 ng
RT: 23.59 min Scan# 1481
Delta R.T. -0.01 min
Lab File: BE092893.D
Acq: 7 Apr 2017 13:53

Tgt Ion:252 Resp: 32201

Ion	Ratio	Lower	Upper
252	100		
253	21.2	19.0	28.6
125	14.2	11.8	17.8



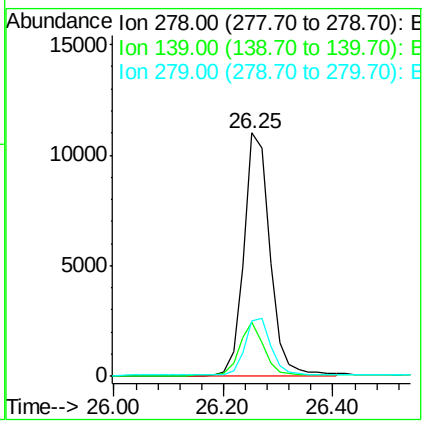


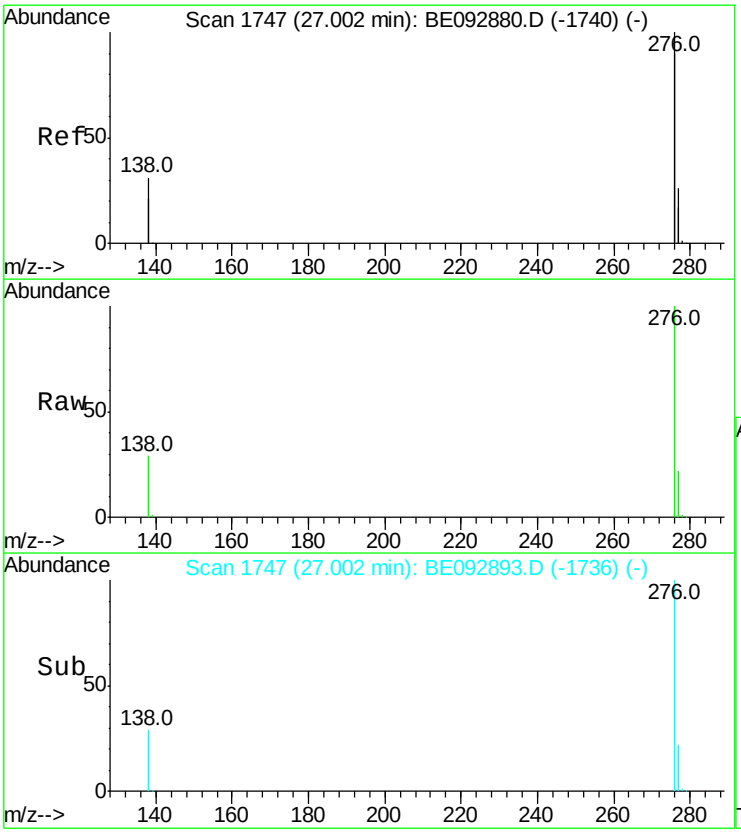
#35
Dibenzo(a,h)anthracene
Concen: 5.28 ng
RT: 26.25 min Scan# 1703
Delta R.T. -0.03 min
Lab File: BE092893.D
Acq: 7 Apr 2017 13:53

Instrument :
BNA_E
ClientSampleId :
PB98124BS

Tgt Ion:278 Resp: 35809

Ion	Ratio	Lower	Upper
278	100		
139	22.1	13.8	20.8#
279	22.9	21.4	32.2





#36
Benzo(g,h,i)perylene
Concen: 5.03 ng
RT: 27.00 min Scan# 1747
Delta R.T. -0.02 min
Lab File: BE092893.D
Acq: 7 Apr 2017 13:53

Tgt Ion:276 Resp: 139246

Ion	Ratio	Lower	Upper
276	100		
277	22.1	19.8	29.8
138	28.7	19.8	29.6