Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA E\DATA\BE042117\
Data File : BE092908.D
Acq On : 21 Apr 2017 14:43
Operator : SJ/MA
Sample : PB98387BS
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument : BNA_E
ClientSampleId :

Quant Time: Apr 22 05:51:35 2017
Quant Method : Z:\HPCHEM1\BNA E\METHODS\8270-SIM-BE042017.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Apr 20 17:35:10 2017
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.77	152	996	0.40	ng		0.00
7) Naphthalene-d8	10.53	136	3892	0.40	ng		0.00
13) Acenaphthene-d10	14.39	164	1592	0.40	ng		0.00
19) Phenanthrene-d10	17.13	188	3500	0.40	ng		0.00
26) Chrysene-d12	21.28	240	2762	0.40	ng		0.00
33) Perylene-d12	23.69	264	1878	0.40	ng		0.00
System Monitoring Compounds							
4) 2-Fluorophenol	5.37	112	737	0.34	ng		0.01
5) Phenol-d6	6.94	99	973	0.32	ng		0.00
8) Nitrobenzene-d5	8.90	82	850	0.33	ng		0.00
11) 2-Methylnaphthalene-d10	12.13	152	2444	0.43	ng		0.00
14) 2,4,6-Tribromophenol	15.87	330	58	0.22	ng		0.00
15) 2-Fluorobiphenyl	13.01	172	2457	0.34	ng		0.00
24) Fluoranthene-d10	19.15	212	2612	0.31	ng		0.00
28) Terphenyl-d14	19.74	244	1639	0.34	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.32	88	441	0.23	ng		97
3) n-Nitrosodimethylamine	3.62	42	470	0.32	ng	#	82
6) bis(2-Chloroethyl)ether	7.20	93	1238	0.34	ng		98
9) Naphthalene	10.58	128	3339	0.32	ng	#	86
10) Hexachlorobutadiene	10.89	225	469	0.33	ng		95
12) 2-Methylnaphthalene	12.19	142	2069	0.32	ng		94
16) Acenaphthylene	14.10	152	7933	0.31	ng		98
17) Acenaphthene	14.45	154	1628	0.32	ng		93
18) Fluorene	15.43	166	1867	0.30	ng		99
20) Hexachlorobenzene	16.46	284	513	0.33	ng	#	100
21) Pentachlorophenol	16.79	266	142	0.54	ng	#	82
22) Phenanthrene	17.18	178	3229	0.32	ng		98
23) Anthracene	17.27	178	2436	0.31	ng		99
25) Fluoranthene	19.17	202	12085	0.28	ng	#	99
27) Pyrene	19.53	202	12292	0.34	ng	#	97
29) Benzo(a)anthracene	21.27	228	2130	0.33	ng	#	84
30) Chrysene	21.32	228	2672	0.32	ng	#	82
31) Bis(2-ethylhexyl)phthalate	21.20	149	508	0.31	ng	#	97
32) Indeno(1,2,3-cd)pyrene	26.22	276	9074	0.34	ng		100
34) Benzo(b)fluoranthene	22.95	252	2140	0.33	ng	#	87
35) Benzo(k)fluoranthene	22.99	252	2179	0.33	ng	#	84
36) Benzo(a)pyrene	23.58	252	1765	0.33	ng	#	80
37) Dibenzo(a,h)anthracene	26.25	278	1953	0.33	ng	#	82
38) Benzo(g,h,i)perylene	27.00	276	8386	0.33	ng	#	83

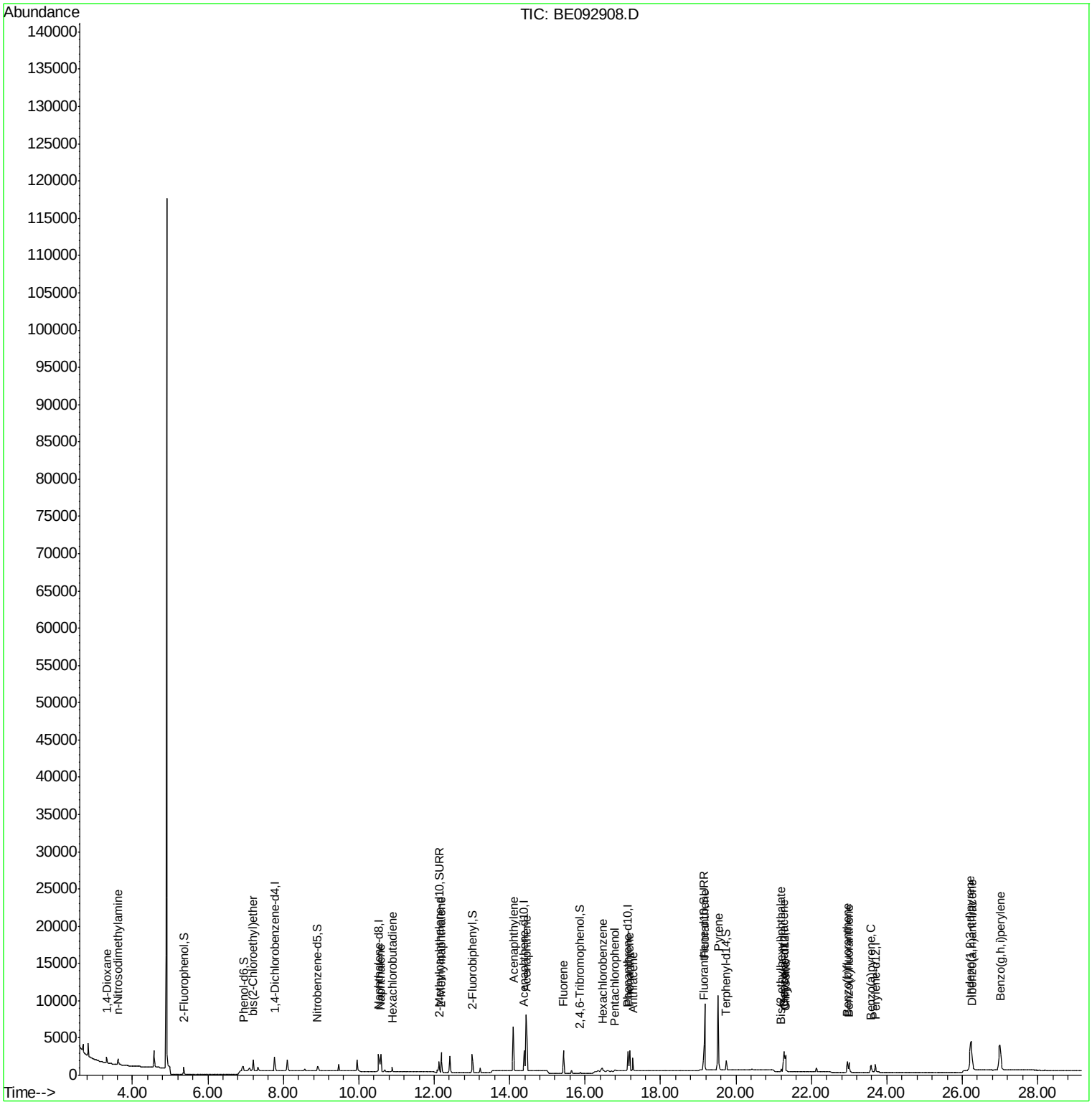
(#) = qualifier out of range (m) = manual integration (+) = signals summed

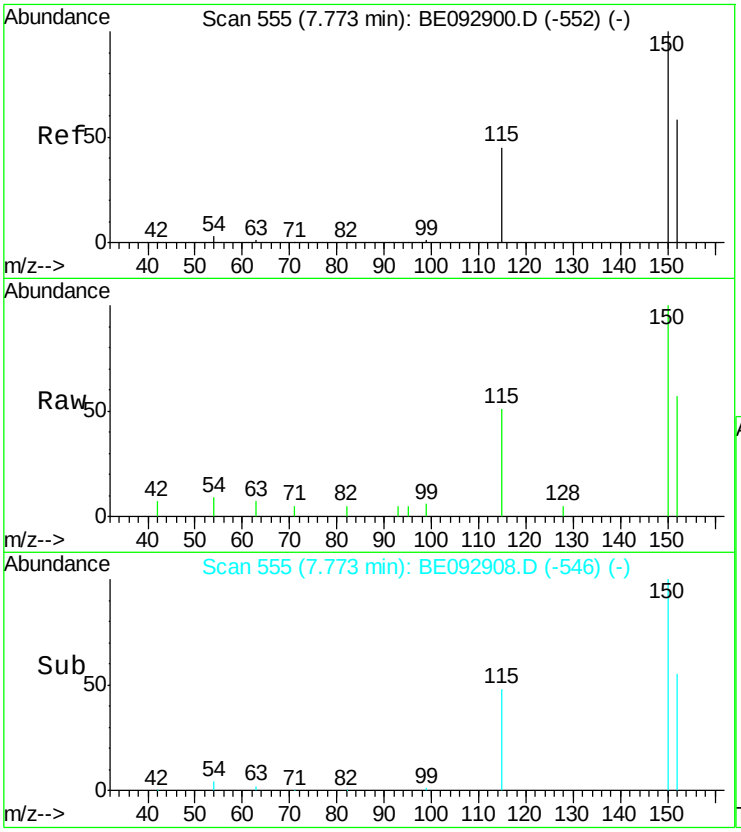
Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA E\DATA\BE042117\
Data File : BE092908.D
Acq On : 21 Apr 2017 14:43
Operator : SJ/MA
Sample : PB98387BS
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :
BNA_E
ClientSampleId :

Quant Time: Apr 22 05:51:35 2017
Quant Method : Z:\HPCHEM1\BNA E\METHODS\8270-SIM-BE042017.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Apr 20 17:35:10 2017
Response via : Initial Calibration



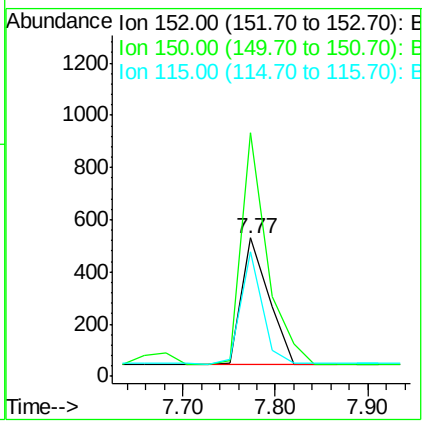


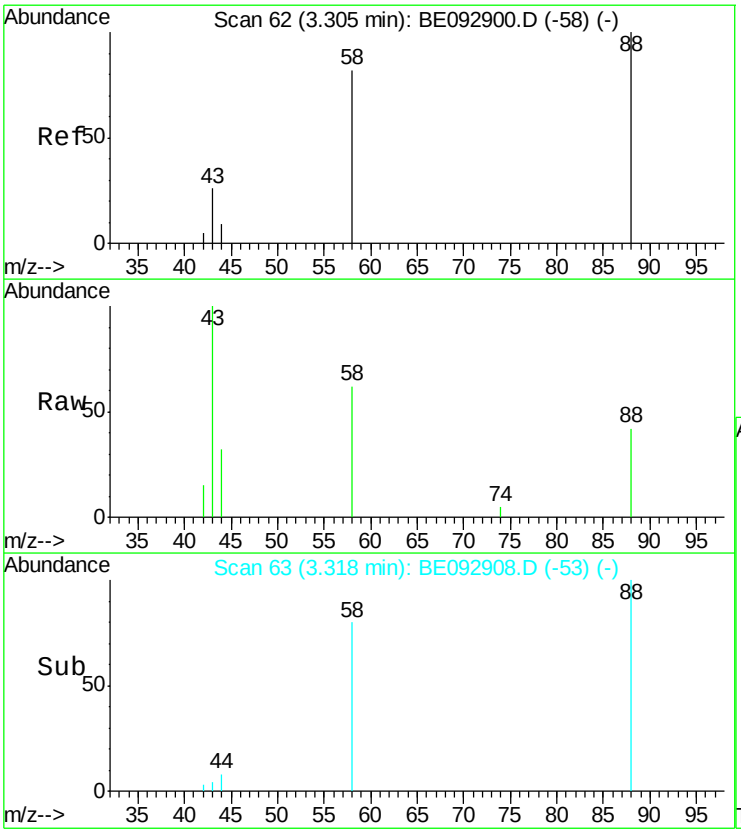
#1
1,4-Dichlorobenzene-d4
Concen: 0.40 ng
RT: 7.77 min Scan# 555
Delta R.T. 0.00 min
Lab File: BE092908.D
Acq: 21 Apr 2017 14:43

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:152 Resp: 996

Ion	Ratio	Lower	Upper
152	100		
150	176.0	129.9	194.9
115	89.8	62.6	93.8

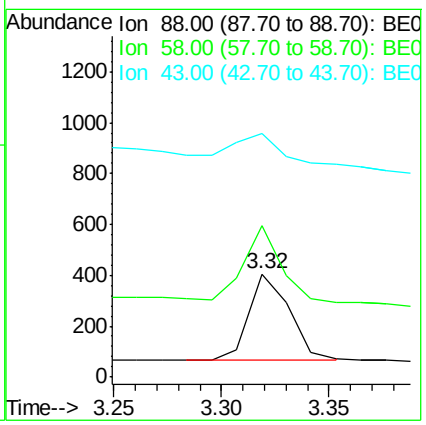


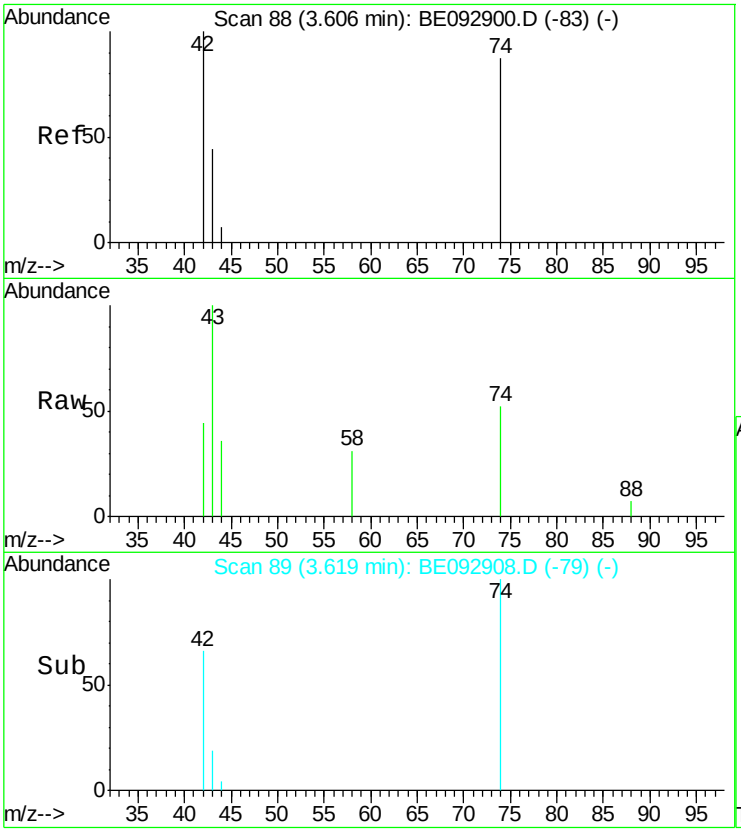


#2
1,4-Dioxane
Concen: 0.23 ng
RT: 3.32 min Scan# 63
Delta R.T. 0.01 min
Lab File: BE092908.D
Acq: 21 Apr 2017 14:43

Tgt Ion: 88 Resp: 441

Ion	Ratio	Lower	Upper
88	100		
58	81.9	64.9	97.3
43	37.6	26.6	40.0



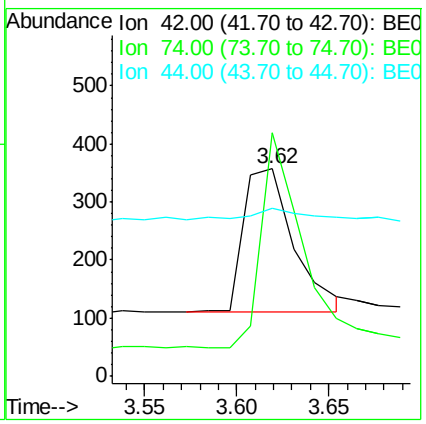


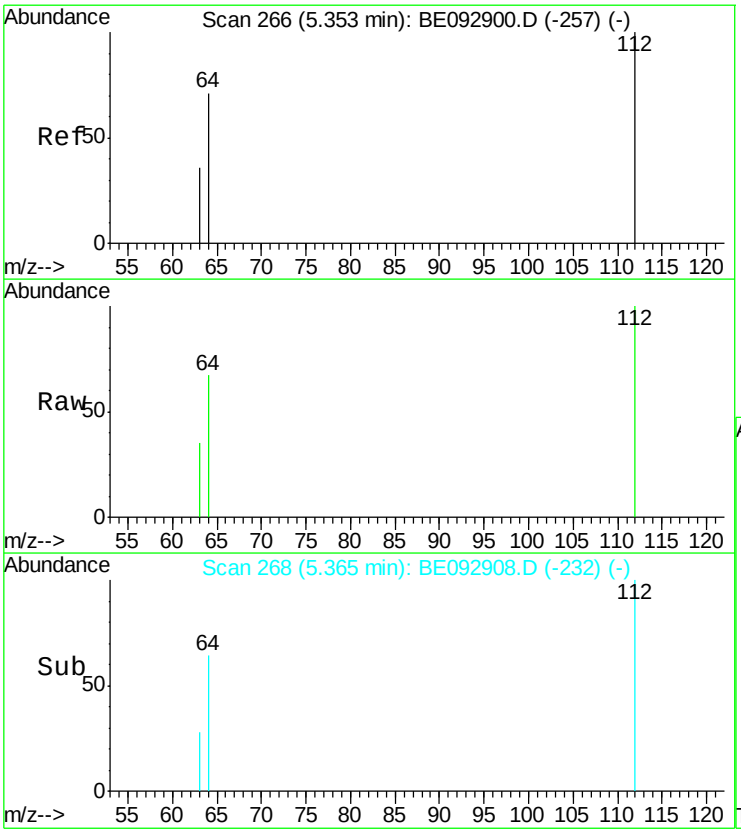
#3
n-Nitrosodimethylamine
Concen: 0.32 ng
RT: 3.62 min Scan# 89
Delta R.T. 0.01 min
Lab File: BE092908.D
Acq: 21 Apr 2017 14:43

Instrument :
BNA_E
ClientSampleId :

Tgt Ion: 42 Resp: 470

Ion	Ratio	Lower	Upper
42	100		
74	118.9	106.6	160.0
44	8.7	25.7	38.5#

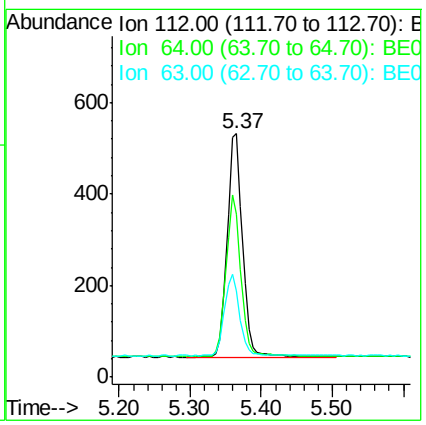


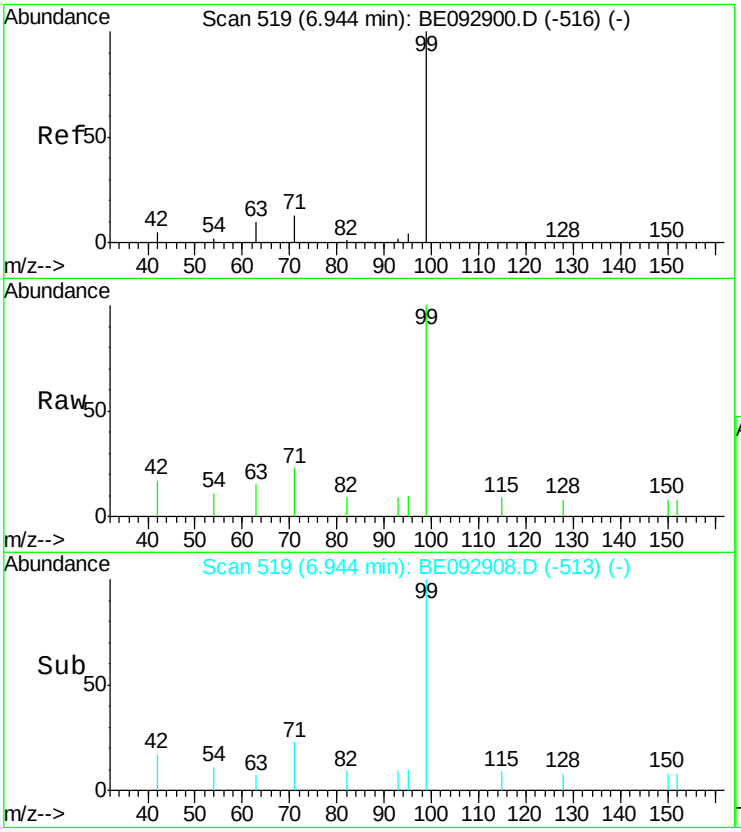


#4
2-Fluorophenol
Concen: 0.34 ng
RT: 5.37 min Scan# 268
Delta R.T. 0.01 min
Lab File: BE092908.D
Acq: 21 Apr 2017 14:43

Tgt Ion:112 Resp: 737

Ion	Ratio	Lower	Upper
112	100		
64	70.0	52.6	79.0
63	35.5	29.0	43.4



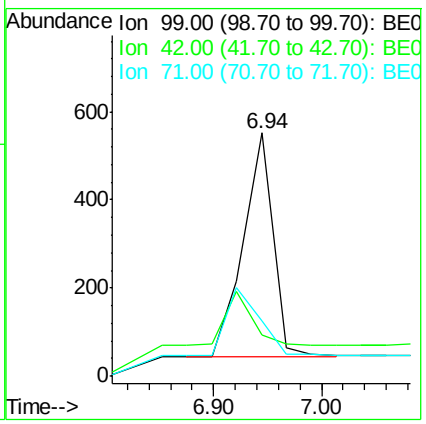


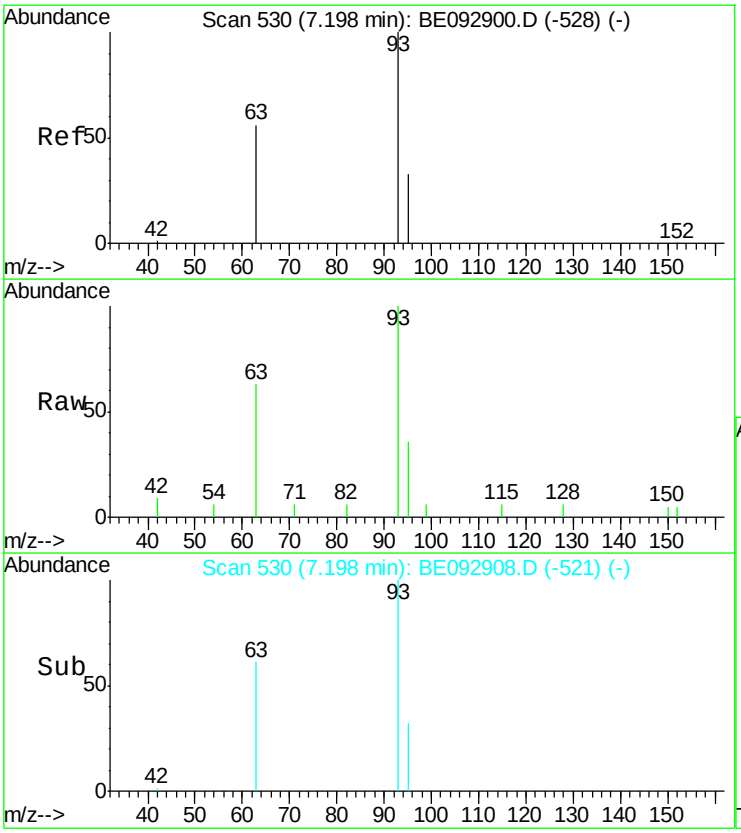
#5
Phenol-d6
Concen: 0.32 ng
RT: 6.94 min Scan# 519
Delta R.T. 0.00 min
Lab File: BE092908.D
Acq: 21 Apr 2017 14:43

Instrument :
BNA_E
ClientSampleId :

Tgt Ion: 99 Resp: 973

Ion	Ratio	Lower	Upper
99	100		
42	0.0	0.0	0.0
71	0.0	0.0	0.0

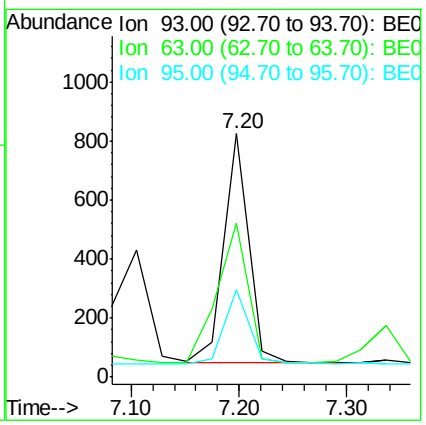


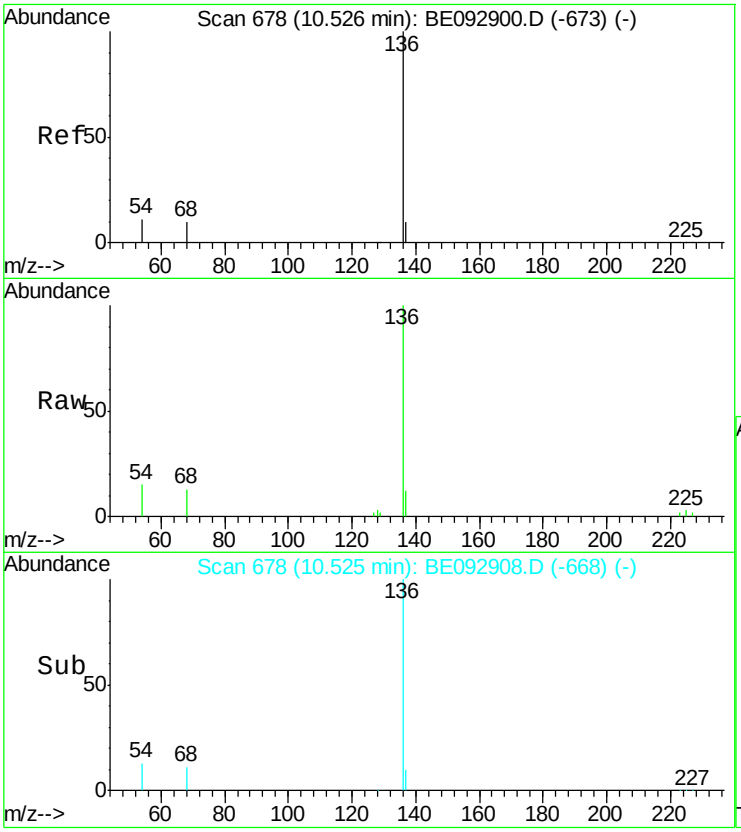


#6
bis(2-Chloroethyl)ether
Concen: 0.34 ng
RT: 7.20 min Scan# 530
Delta R.T. 0.00 min
Lab File: BE092908.D
Acq: 21 Apr 2017 14:43

Tgt Ion: 93 Resp: 1238

Ion	Ratio	Lower	Upper
93	100		
63	75.1	61.2	91.8
95	32.6	25.5	38.3



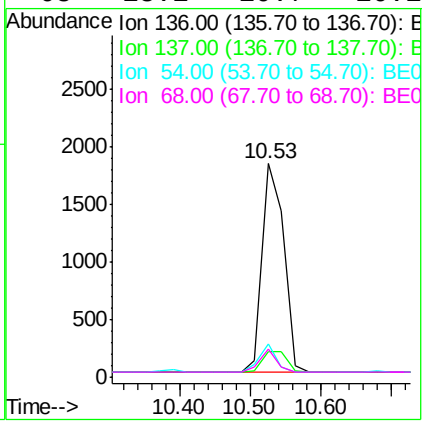


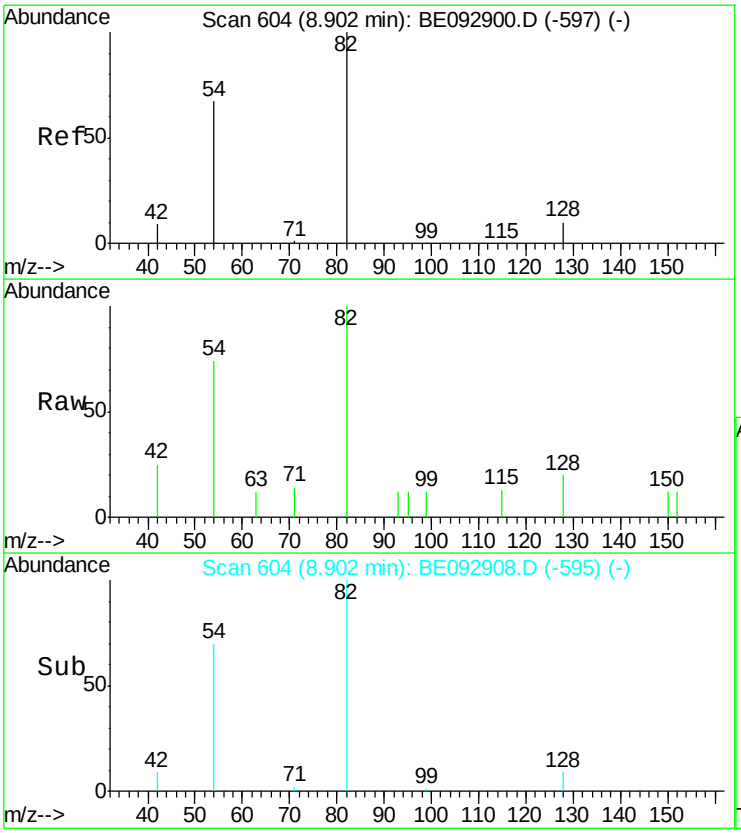
#7
Naphthalene-d8
Concen: 0.40 ng
RT: 10.53 min Scan# 678
Delta R.T. -0.00 min
Lab File: BE092908.D
Acq: 21 Apr 2017 14:43

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:136 Resp: 3892

Ion	Ratio	Lower	Upper
136	100		
137	11.9	10.4	15.6
54	15.4	12.6	18.8
68	13.1	10.7	16.1

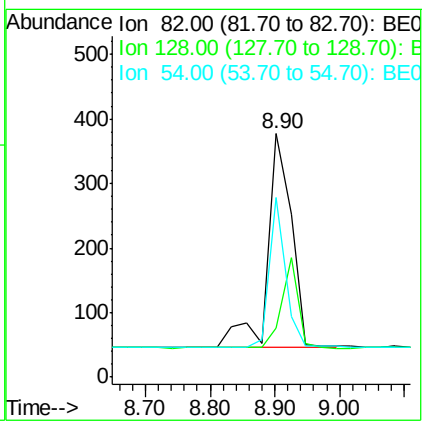


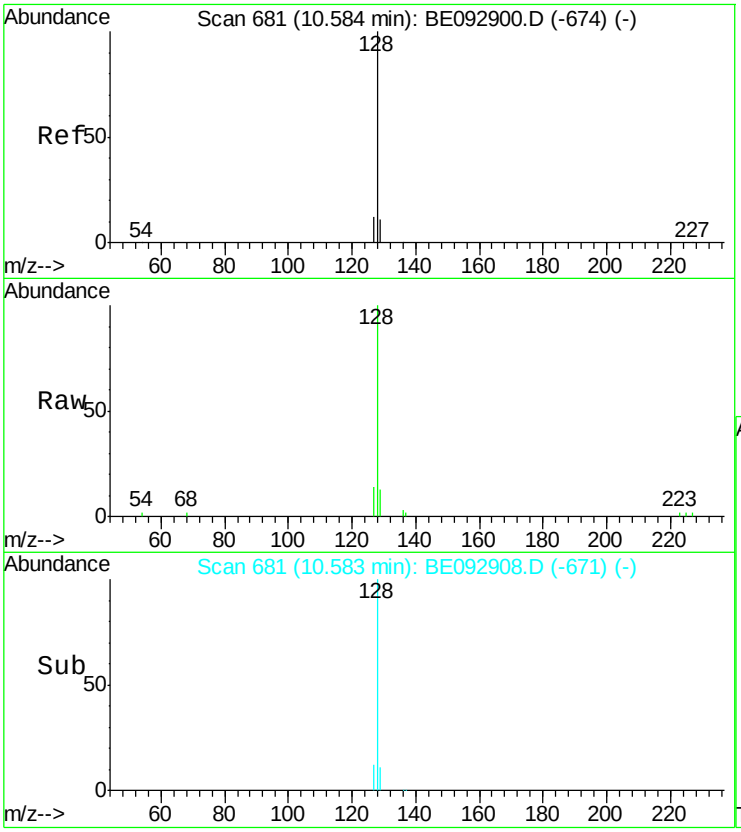


#8
Nitrobenzene-d5
Concen: 0.33 ng
RT: 8.90 min Scan# 604
Delta R.T. 0.00 min
Lab File: BE092908.D
Acq: 21 Apr 2017 14:43

Tgt Ion: 82 Resp: 850

Ion	Ratio	Lower	Upper
82	100		
128	20.4	35.3	52.9#
54	74.0	65.1	97.7



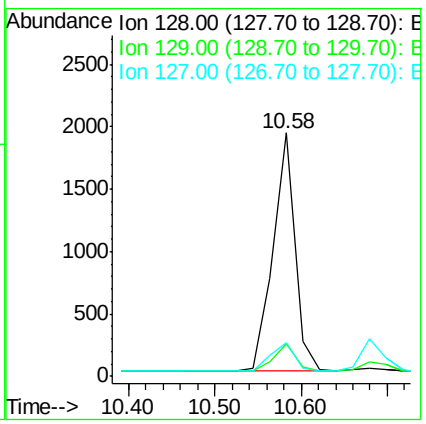


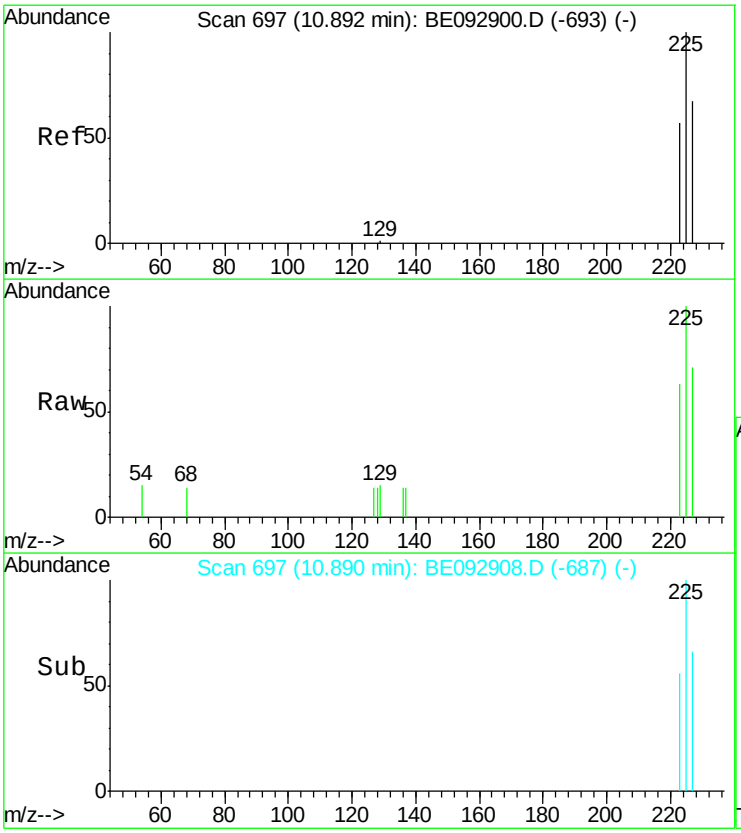
#9
Naphthalene
Concen: 0.32 ng
RT: 10.58 min Scan# 681
Delta R.T. -0.00 min
Lab File: BE092908.D
Acq: 21 Apr 2017 14:43

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:128 Resp: 3339

Ion	Ratio	Lower	Upper
128	100		
129	13.2	15.8	23.8#
127	14.0	16.0	24.0#

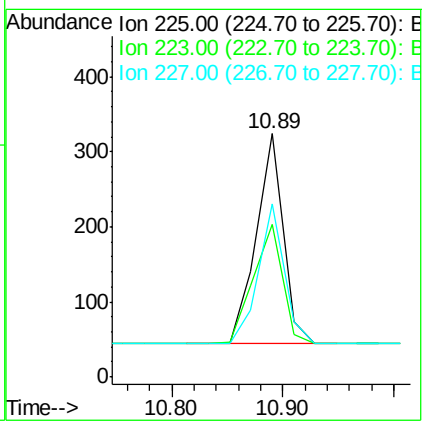


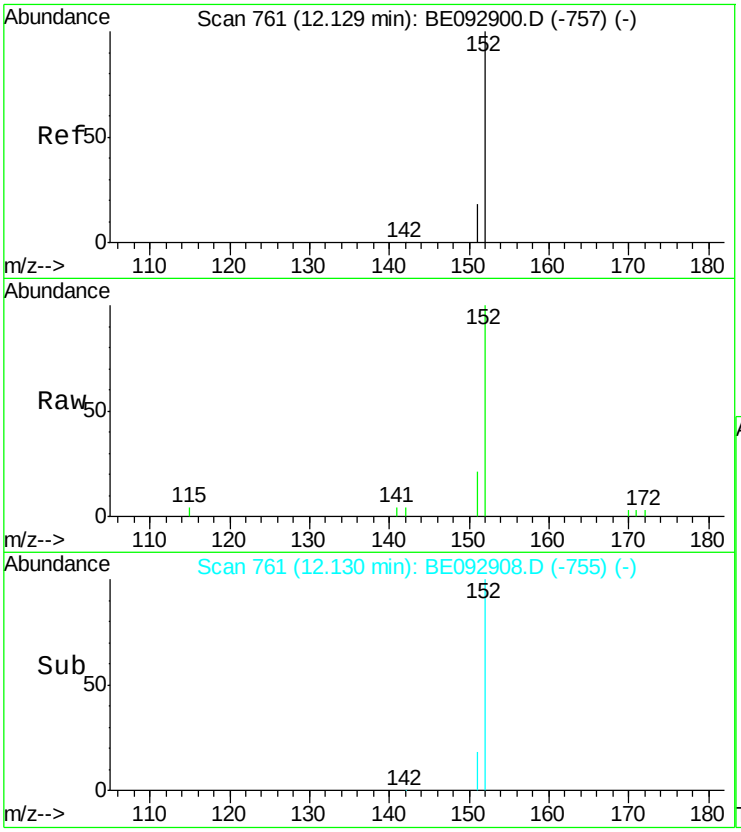


#10
Hexachlorobutadiene
Concen: 0.33 ng
RT: 10.89 min Scan# 697
Delta R.T. -0.00 min
Lab File: BE092908.D
Acq: 21 Apr 2017 14:43

Tgt Ion:225 Resp: 469

Ion	Ratio	Lower	Upper
225	100		
223	62.3	55.4	83.2
227	64.0	52.2	78.4



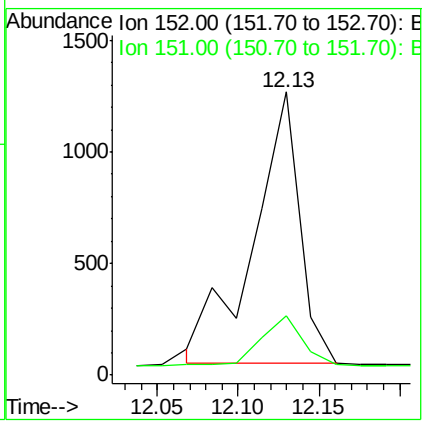


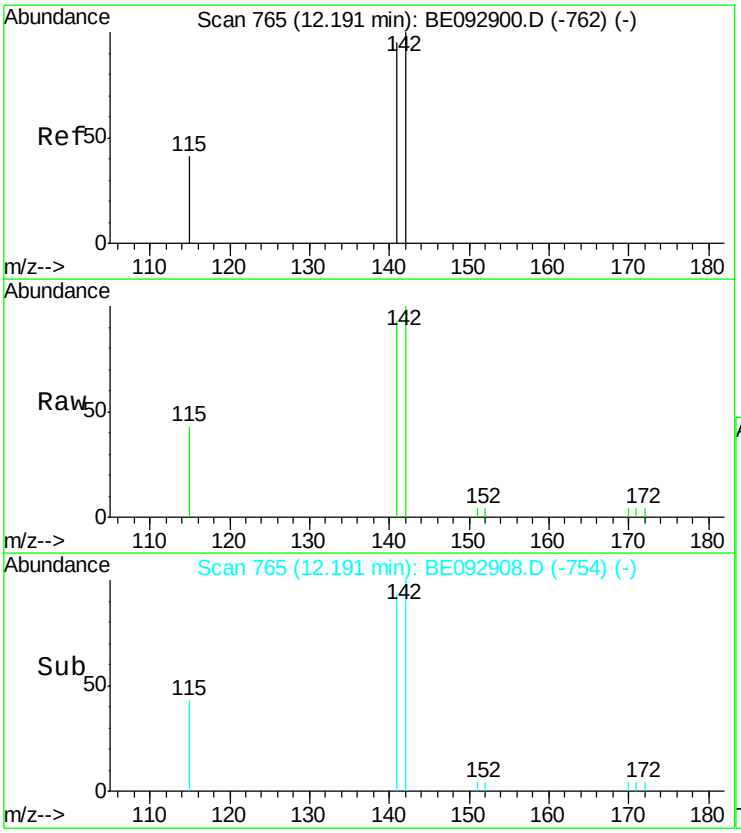
#11
2-Methylnaphthalene-d10
Concen: 0.43 ng
RT: 12.13 min Scan# 761
Delta R.T. 0.00 min
Lab File: BE092908.D
Acq: 21 Apr 2017 14:43

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:152 Resp: 2444

Ion	Ratio	Lower	Upper
152	100		
151	15.6	15.7	23.5#

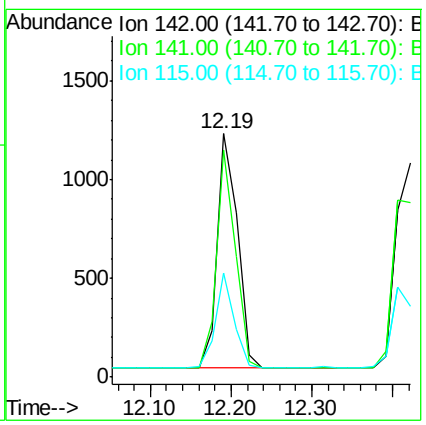


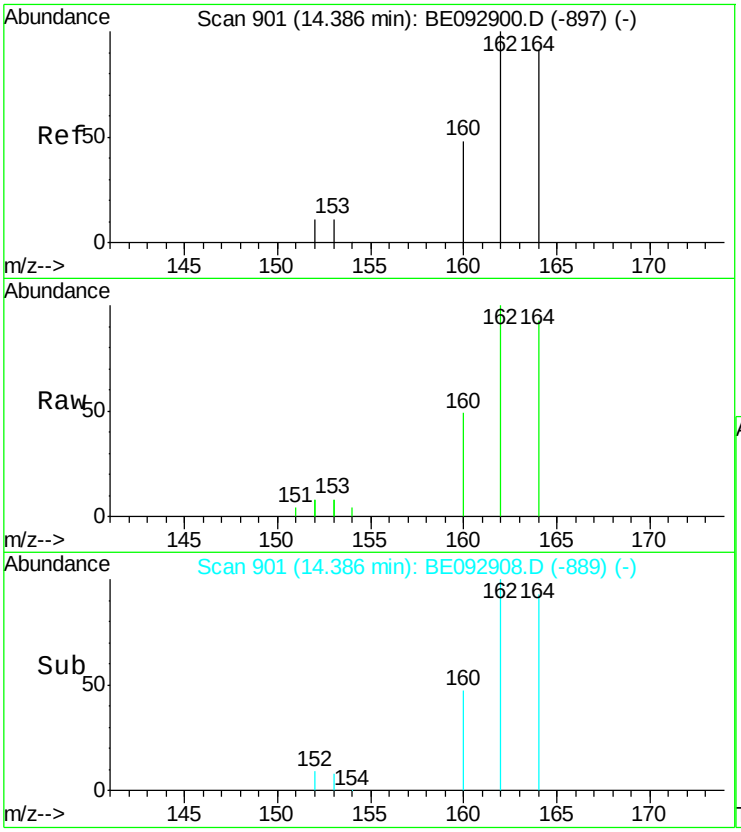


#12
2-Methylnaphthalene
Concen: 0.32 ng
RT: 12.19 min Scan# 765
Delta R.T. 0.00 min
Lab File: BE092908.D
Acq: 21 Apr 2017 14:43

Tgt Ion:142 Resp: 2069

Ion	Ratio	Lower	Upper
142	100		
141	93.2	76.0	114.0
115	43.0	41.6	62.4



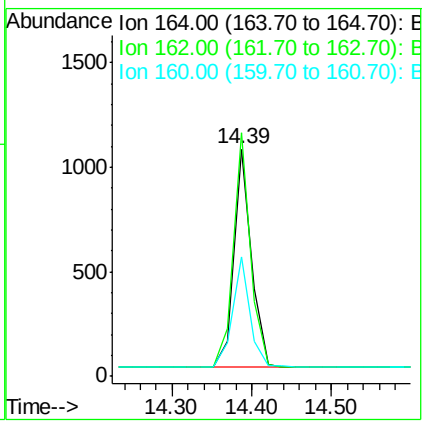


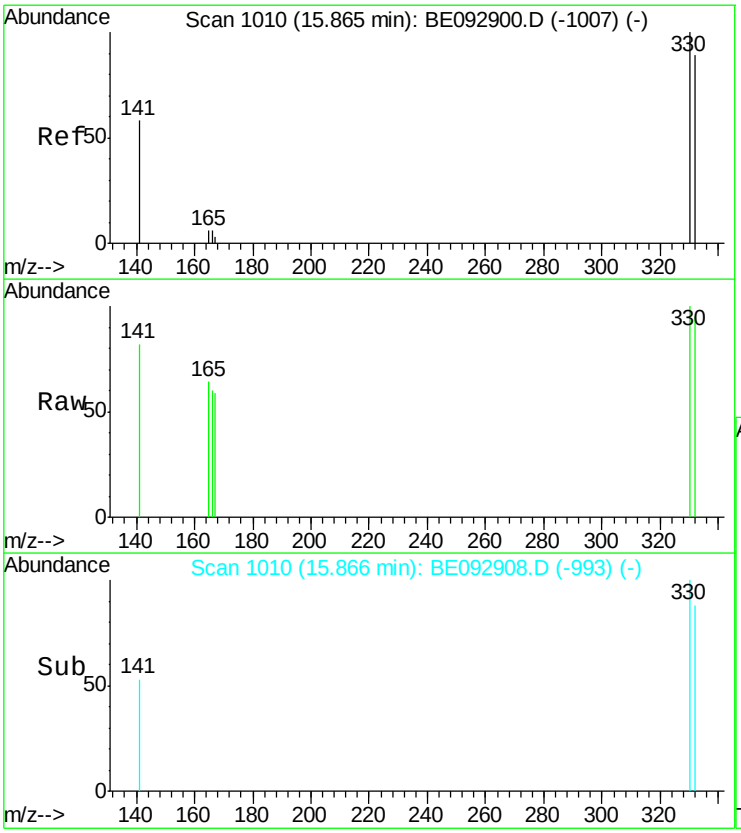
#13
Acenaphthene-d10
Concen: 0.40 ng
RT: 14.39 min Scan# 901
Delta R.T. 0.00 min
Lab File: BE092908.D
Acq: 21 Apr 2017 14:43

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:164 Resp: 1592

Ion	Ratio	Lower	Upper
164	100		
162	107.0	86.6	130.0
160	52.3	44.5	66.7

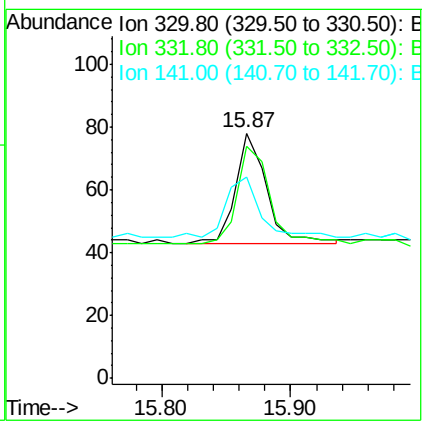


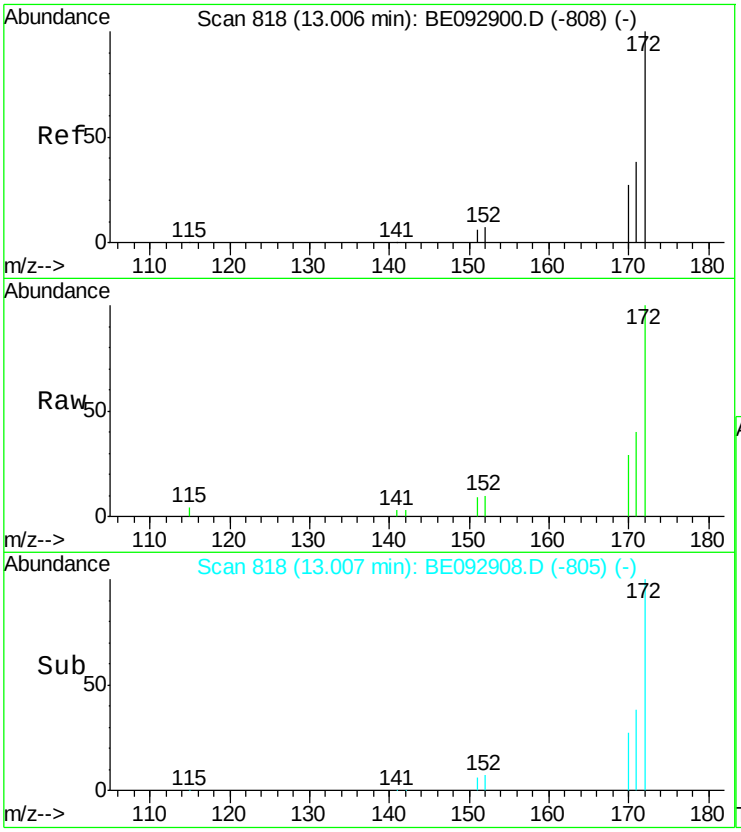


#14
2,4,6-Tribromophenol
Concen: 0.22 ng
RT: 15.87 min Scan# 1010
Delta R.T. 0.00 min
Lab File: BE092908.D
Acq: 21 Apr 2017 14:43

Tgt Ion:330 Resp: 58

Ion	Ratio	Lower	Upper
330	100		
332	93.1	69.1	103.7
141	60.3	54.6	81.8



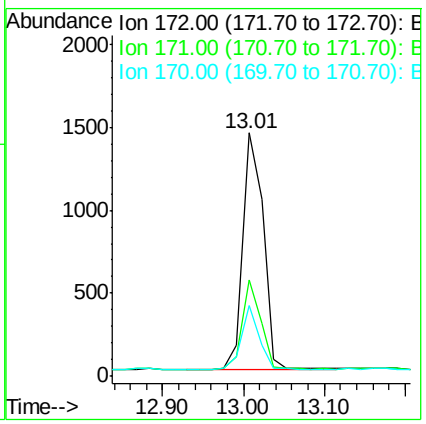


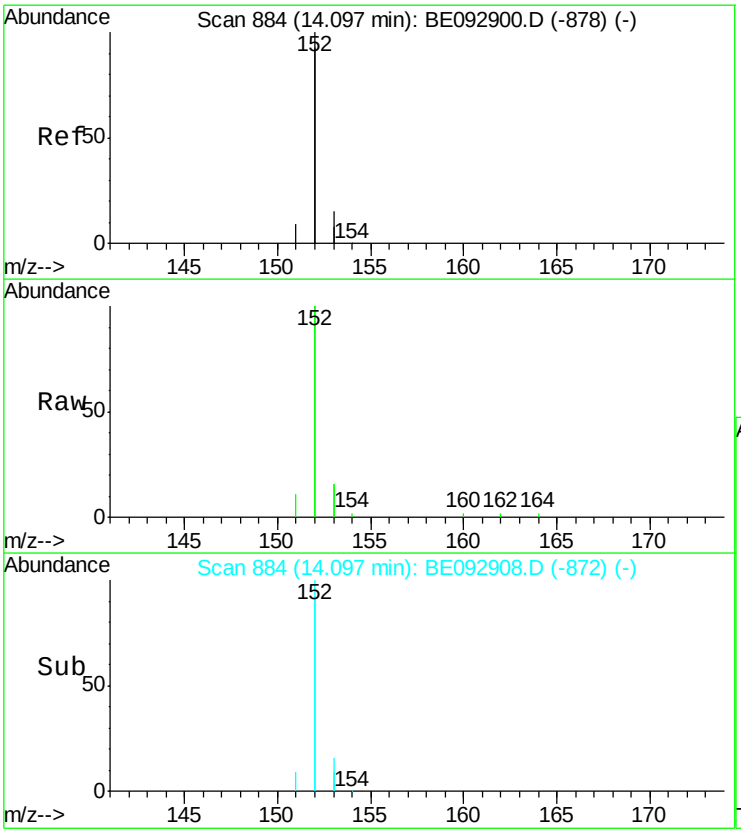
#15
2-Fluorobiphenyl
Concen: 0.34 ng
RT: 13.01 min Scan# 818
Delta R.T. 0.00 min
Lab File: BE092908.D
Acq: 21 Apr 2017 14:43

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:172 Resp: 2457

Ion	Ratio	Lower	Upper
172	100		
171	39.6	35.8	53.6
170	28.9	28.5	42.7

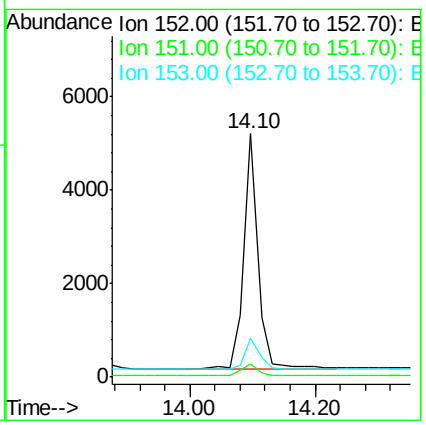


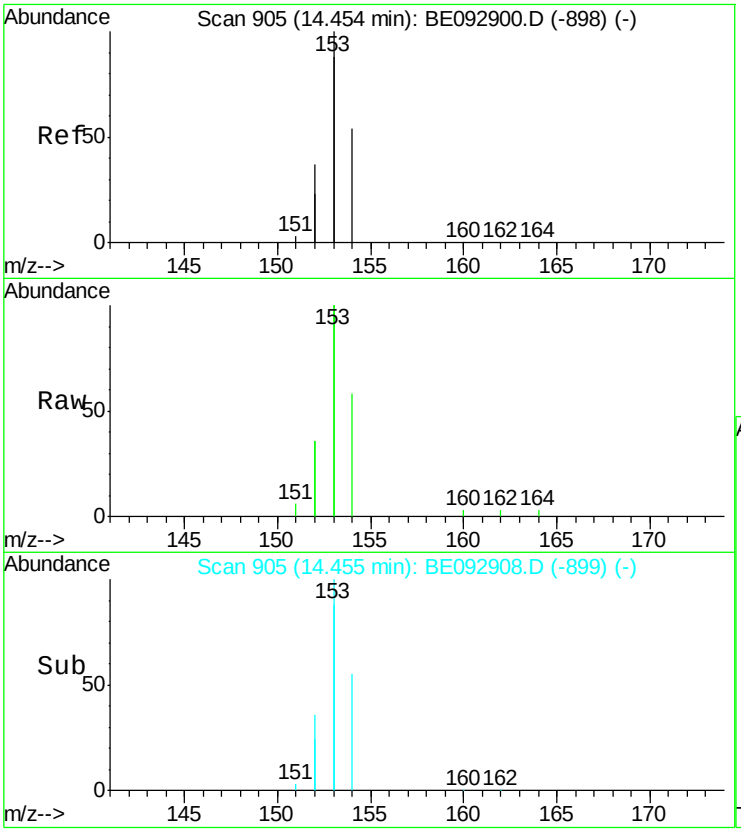


#16
Acenaphthylene
Concen: 0.31 ng
RT: 14.10 min Scan# 884
Delta R.T. 0.00 min
Lab File: BE092908.D
Acq: 21 Apr 2017 14:43

Tgt Ion:152 Resp: 7933

Ion	Ratio	Lower	Upper
152	100		
151	5.0	3.8	5.8
153	13.5	10.0	15.0



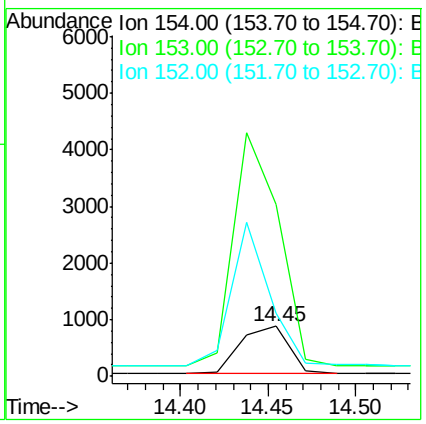


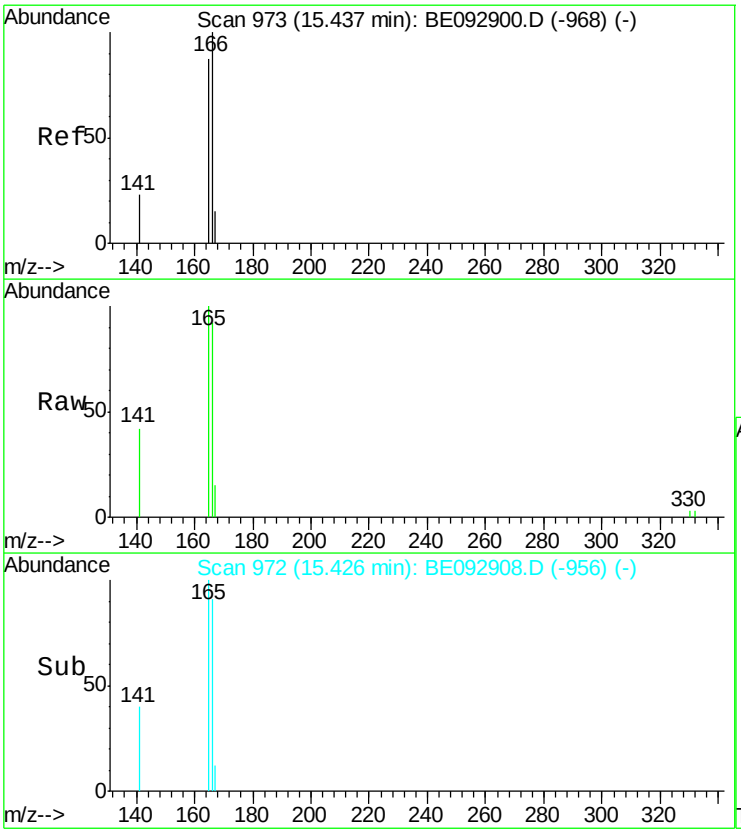
#17
Acenaphthene
Concen: 0.32 ng
RT: 14.45 min Scan# 905
Delta R.T. 0.00 min
Lab File: BE092908.D
Acq: 21 Apr 2017 14:43

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:154 Resp: 1628

Ion	Ratio	Lower	Upper
154	100		
153	459.3	355.6	533.4
152	237.7	177.8	266.8

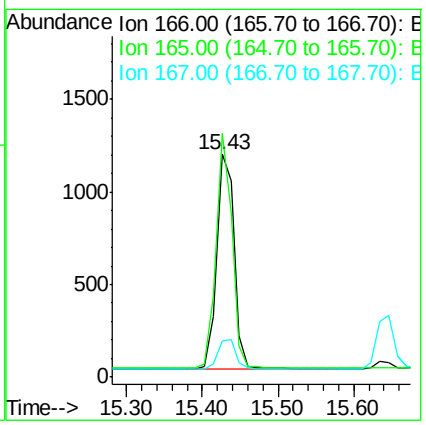


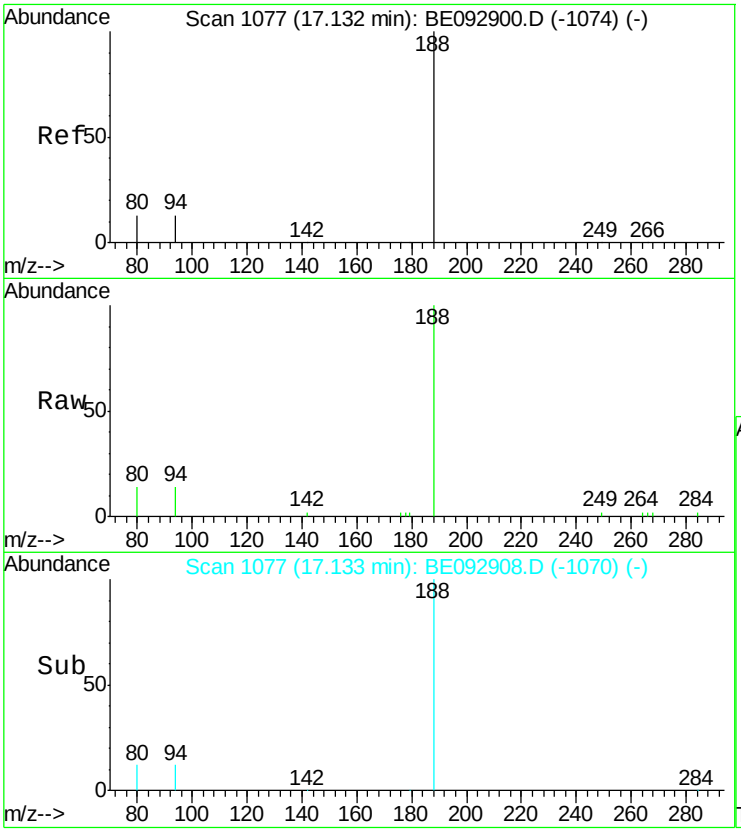


#18
Fluorene
Concen: 0.30 ng
RT: 15.43 min Scan# 972
Delta R.T. -0.01 min
Lab File: BE092908.D
Acq: 21 Apr 2017 14:43

Tgt Ion:166 Resp: 1867

Ion	Ratio	Lower	Upper
166	100		
165	99.6	80.7	121.1
167	14.3	11.3	16.9



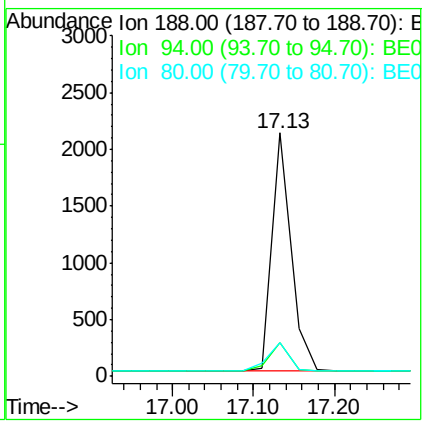


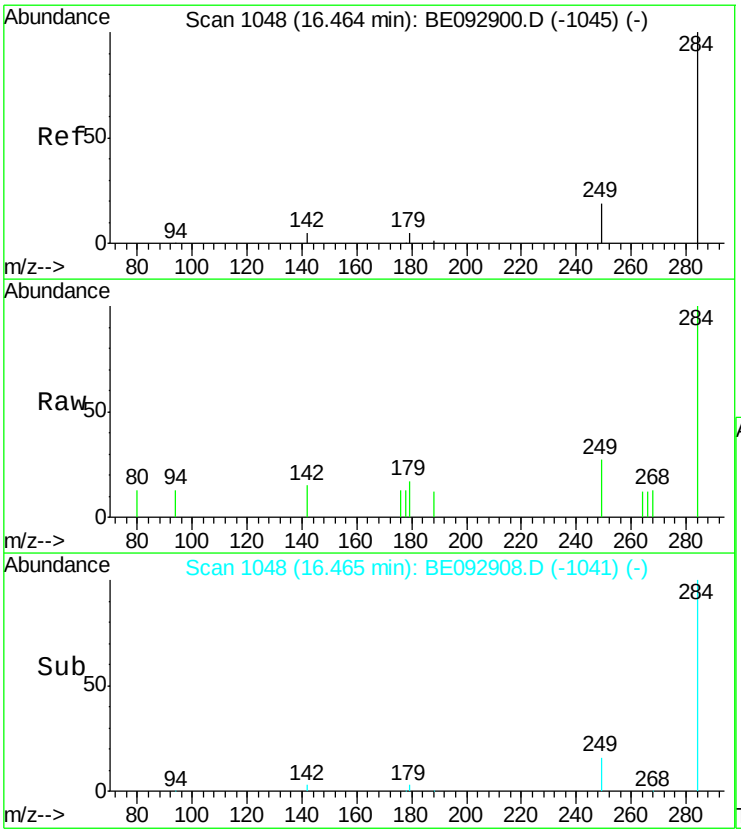
#19
Phenanthrene-d10
Concen: 0.40 ng
RT: 17.13 min Scan# 1077
Delta R.T. 0.00 min
Lab File: BE092908.D
Acq: 21 Apr 2017 14:43

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:188 Resp: 3500

Ion	Ratio	Lower	Upper
188	100		
94	13.6	10.2	15.4
80	13.8	10.6	15.8

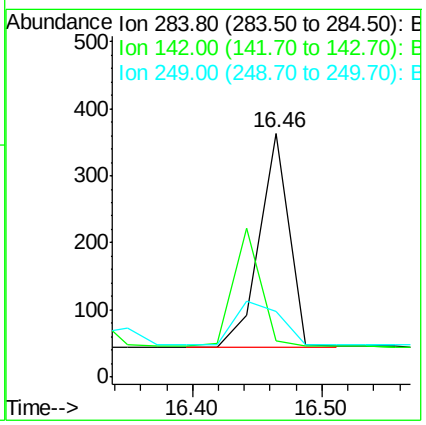


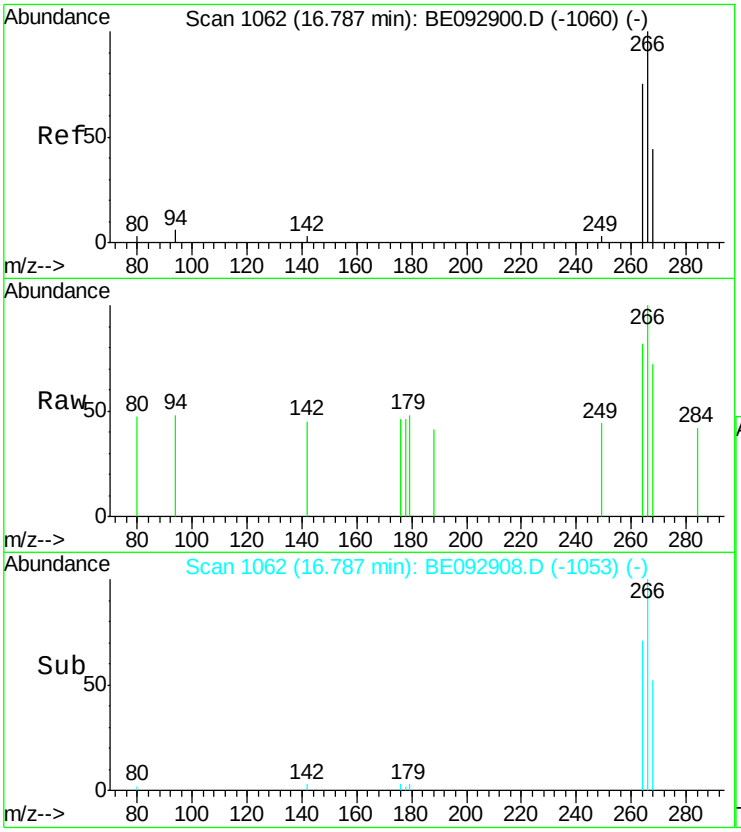


#20
Hexachlorobenzene
Concen: 0.33 ng
RT: 16.46 min Scan# 1048
Delta R.T. 0.00 min
Lab File: BE092908.D
Acq: 21 Apr 2017 14:43

Tgt Ion:284 Resp: 513

Ion	Ratio	Lower	Upper
284	100		
142	0.0	0.0	0.0
249	0.0	0.0	0.0



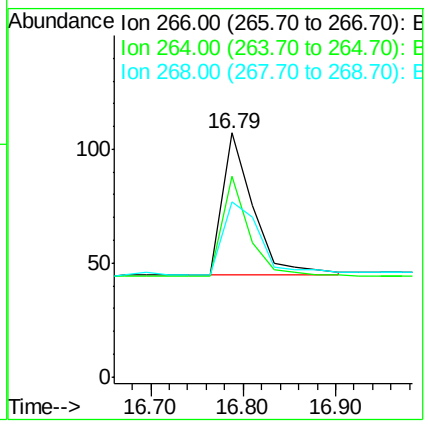


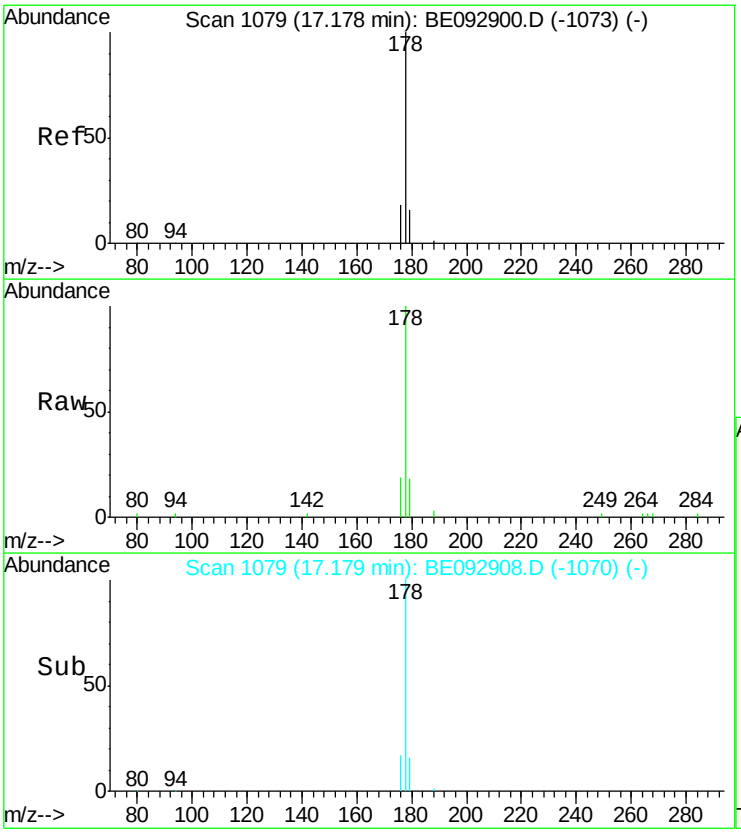
#21
Pentachlorophenol
Concen: 0.54 ng
RT: 16.79 min Scan# 1062
Delta R.T. 0.00 min
Lab File: BE092908.D
Acq: 21 Apr 2017 14:43

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:266 Resp: 142

Ion	Ratio	Lower	Upper
266	100		
264	82.2	75.4	113.2
268	72.0	75.4	113.2#

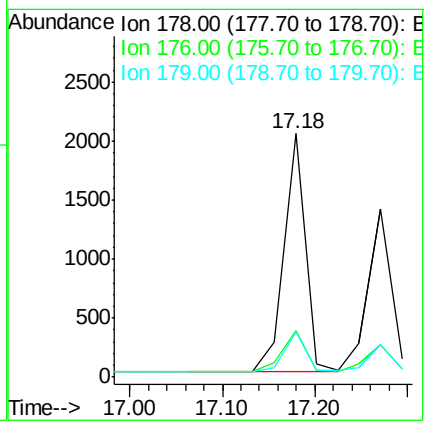


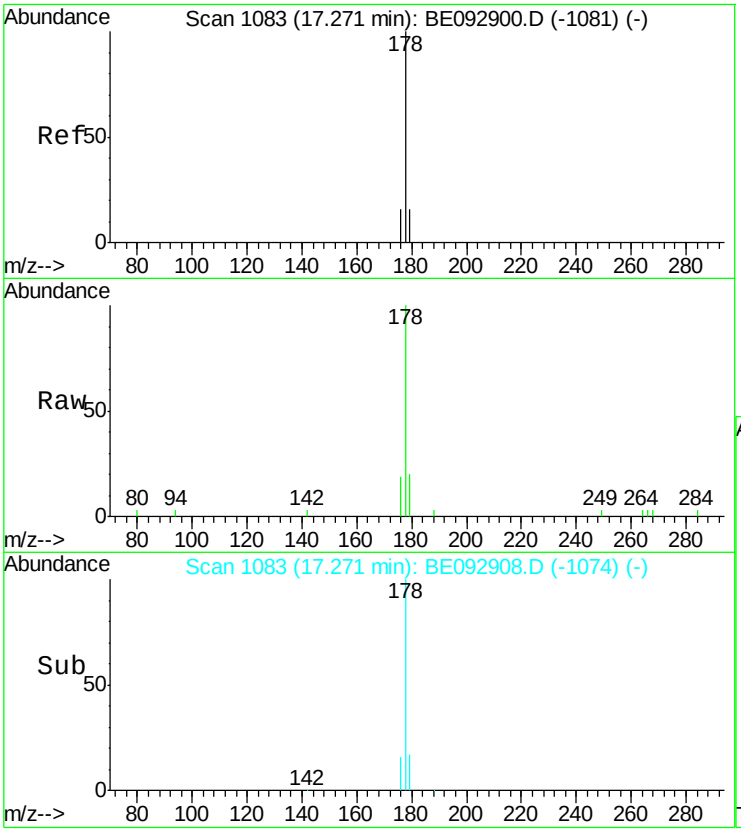


#22
Phenanthrene
Concen: 0.32 ng
RT: 17.18 min Scan# 1079
Delta R.T. 0.00 min
Lab File: BE092908.D
Acq: 21 Apr 2017 14:43

Tgt Ion:178 Resp: 3229

Ion	Ratio	Lower	Upper
178	100		
176	18.5	14.2	21.4
179	16.4	13.6	20.4



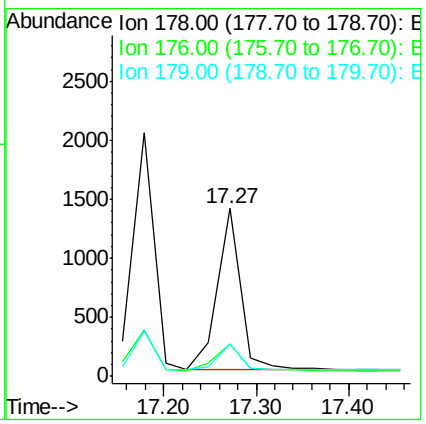


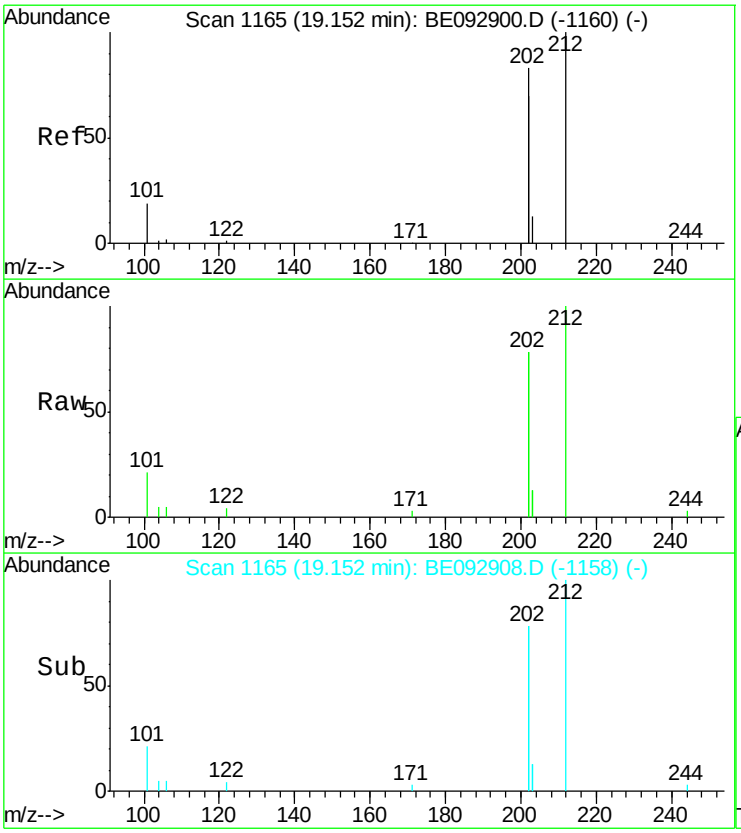
#23
Anthracene
Concen: 0.31 ng
RT: 17.27 min Scan# 1083
Delta R.T. 0.00 min
Lab File: BE092908.D
Acq: 21 Apr 2017 14:43

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:178 Resp: 2436

Ion	Ratio	Lower	Upper
178	100		
176	17.9	14.7	22.1
179	15.9	12.8	19.2

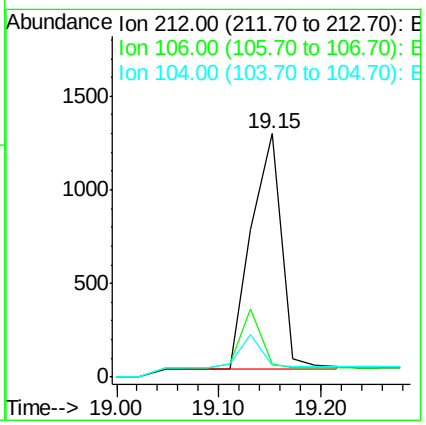


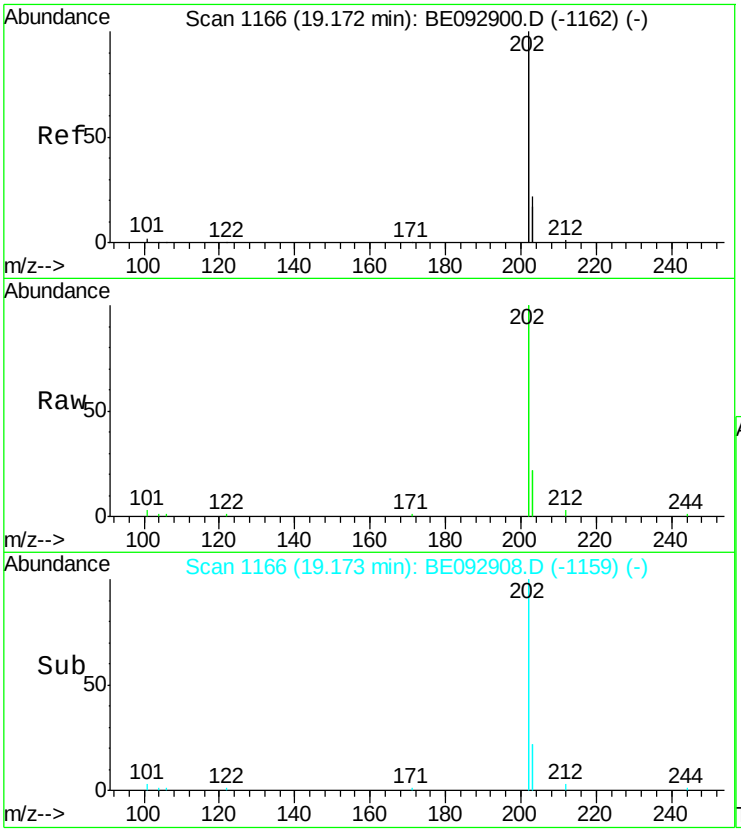


#24
Fluoranthene-d10
Concen: 0.31 ng
RT: 19.15 min Scan# 1165
Delta R.T. 0.00 min
Lab File: BE092908.D
Acq: 21 Apr 2017 14:43

Tgt Ion:212 Resp: 2612

Ion	Ratio	Lower	Upper
212	100		
106	0.0	0.0	0.0
104	0.0	0.0	0.0



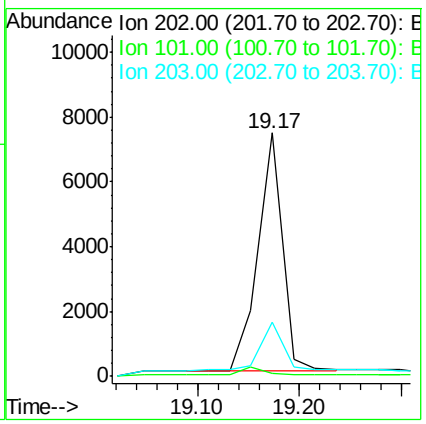


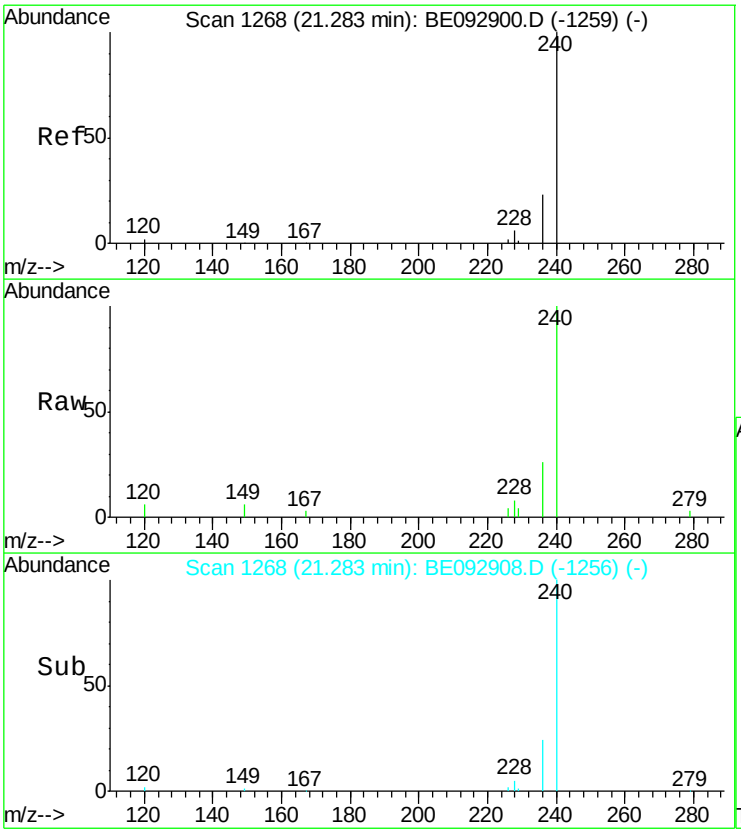
#25
Fluoranthene
Concen: 0.28 ng
RT: 19.17 min Scan# 1166
Delta R.T. 0.00 min
Lab File: BE092908.D
Acq: 21 Apr 2017 14:43

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:202 Resp: 12085

Ion	Ratio	Lower	Upper
202	100		
101	0.0	0.0	0.0
203	18.5	15.3	22.9

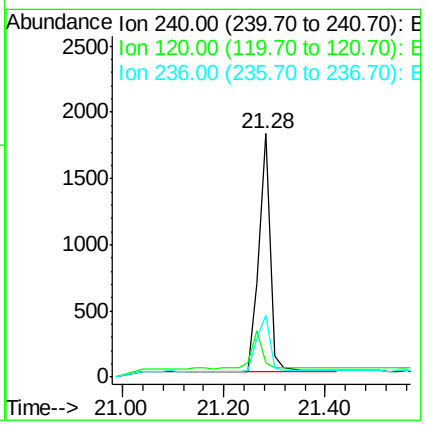


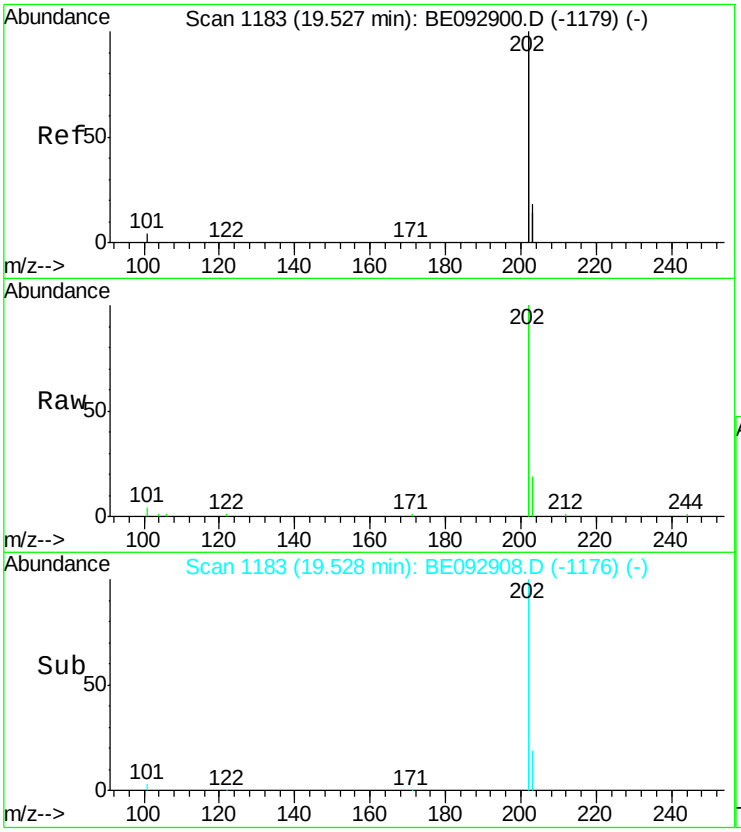


#26
Chrysene-d12
Concen: 0.40 ng
RT: 21.28 min Scan# 1268
Delta R.T. 0.00 min
Lab File: BE092908.D
Acq: 21 Apr 2017 14:43

Tgt Ion:240 Resp: 2762

Ion	Ratio	Lower	Upper
240	100		
120	5.7	4.6	6.8
236	25.5	19.8	29.8



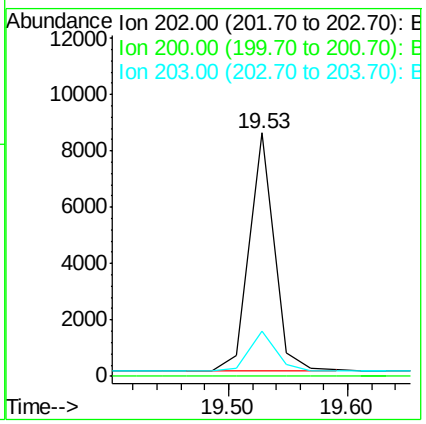


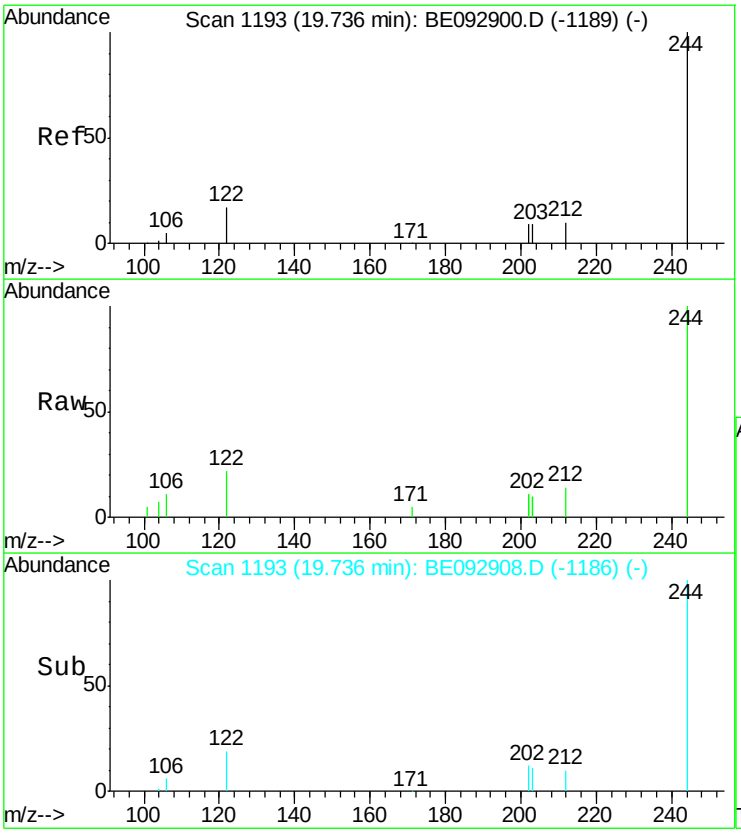
#27
Pyrene
Concen: 0.34 ng
RT: 19.53 min Scan# 1183
Delta R.T. 0.00 min
Lab File: BE092908.D
Acq: 21 Apr 2017 14:43

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:202 Resp: 12292

Ion	Ratio	Lower	Upper
202	100		
200	0.0	0.0	0.0
203	18.1	13.5	20.3

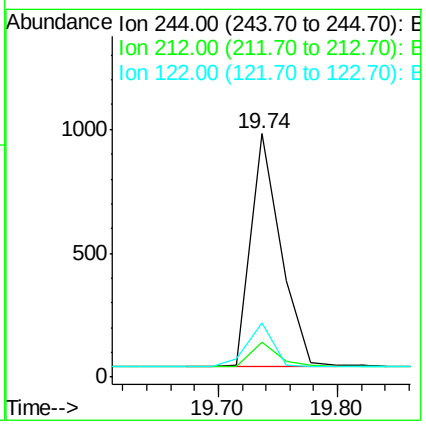


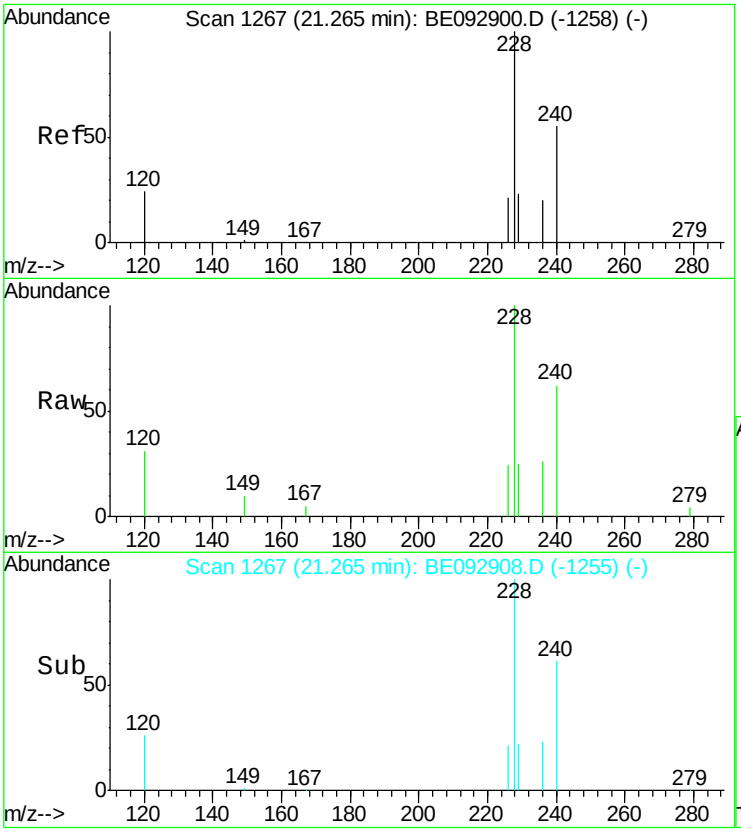


#28
Terphenyl-d14
Concen: 0.34 ng
RT: 19.74 min Scan# 1193
Delta R.T. 0.00 min
Lab File: BE092908.D
Acq: 21 Apr 2017 14:43

Tgt Ion:244 Resp: 1639

Ion	Ratio	Lower	Upper
244	100		
212	14.3	18.4	27.6#
122	22.3	23.3	34.9#



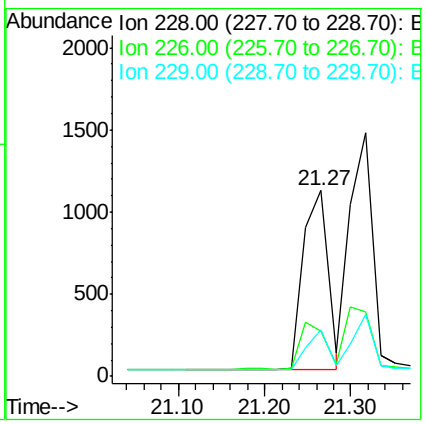


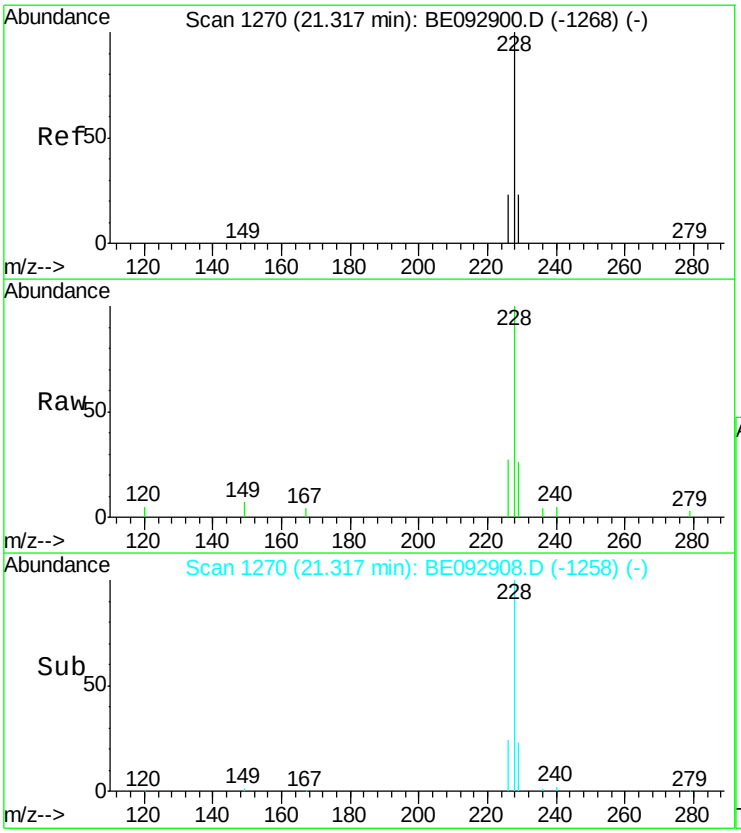
#29
Benzo(a)anthracene
Concen: 0.33 ng
RT: 21.27 min Scan# 1267
Delta R.T. 0.00 min
Lab File: BE092908.D
Acq: 21 Apr 2017 14:43

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:228 Resp: 2130

Ion	Ratio	Lower	Upper
228	100		
226	24.4	32.0	48.0#
229	25.3	21.4	32.0

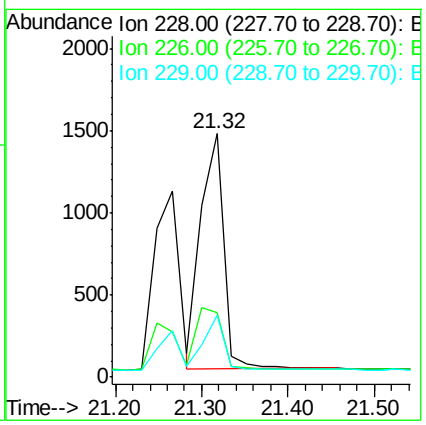


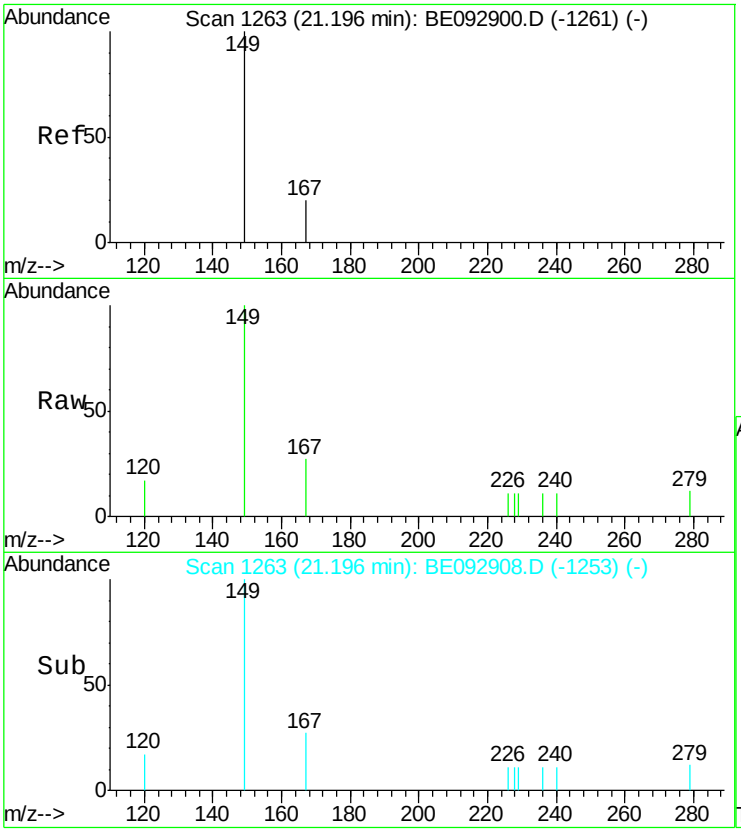


#30
Chrysene
Concen: 0.32 ng
RT: 21.32 min Scan# 1270
Delta R.T. 0.00 min
Lab File: BE092908.D
Acq: 21 Apr 2017 14:43

Tgt Ion:228 Resp: 2672

Ion	Ratio	Lower	Upper
228	100		
226	26.6	34.2	51.2#
229	25.6	18.6	28.0



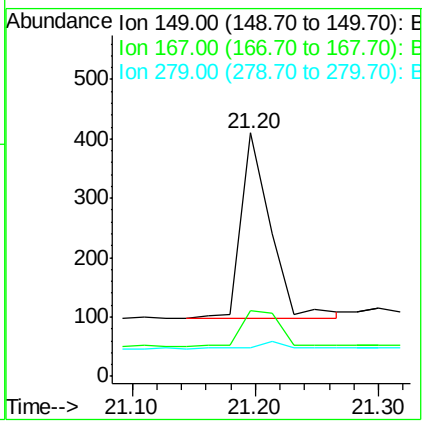


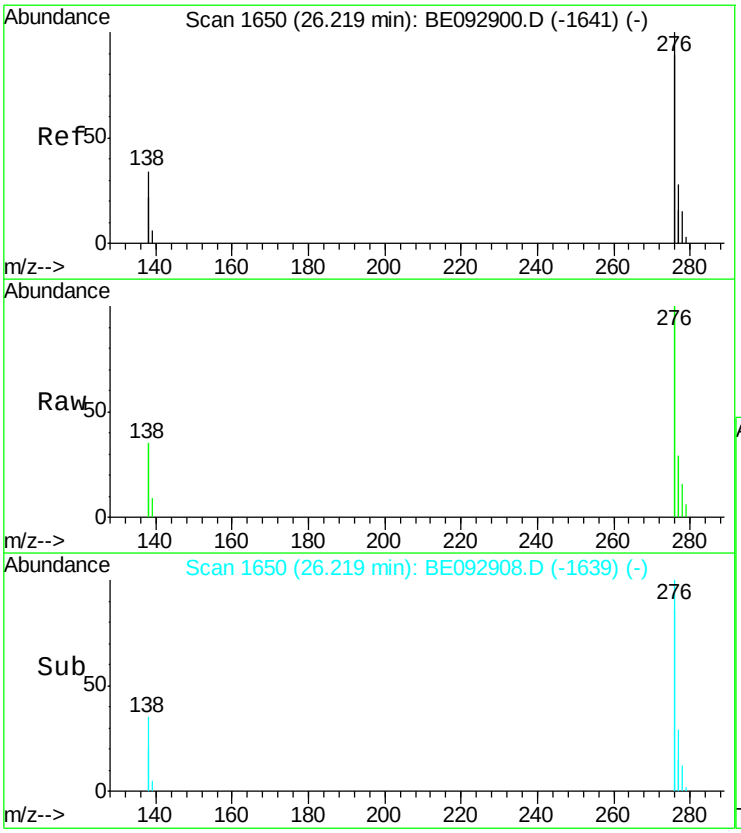
#31
Bis(2-ethylhexyl)phthalate
Concen: 0.31 ng
RT: 21.20 min Scan# 1263
Delta R.T. 0.00 min
Lab File: BE092908.D
Acq: 21 Apr 2017 14:43

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:149 Resp: 508

Ion	Ratio	Lower	Upper
149	100		
167	24.6	20.9	31.3
279	0.0	0.0	0.0

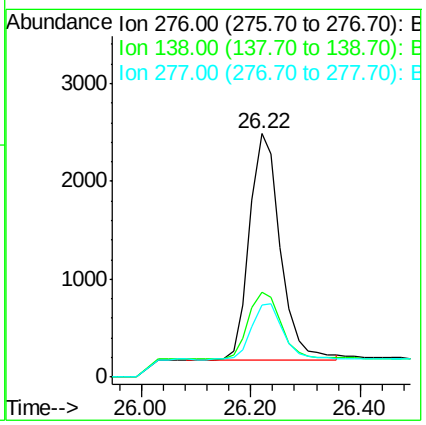


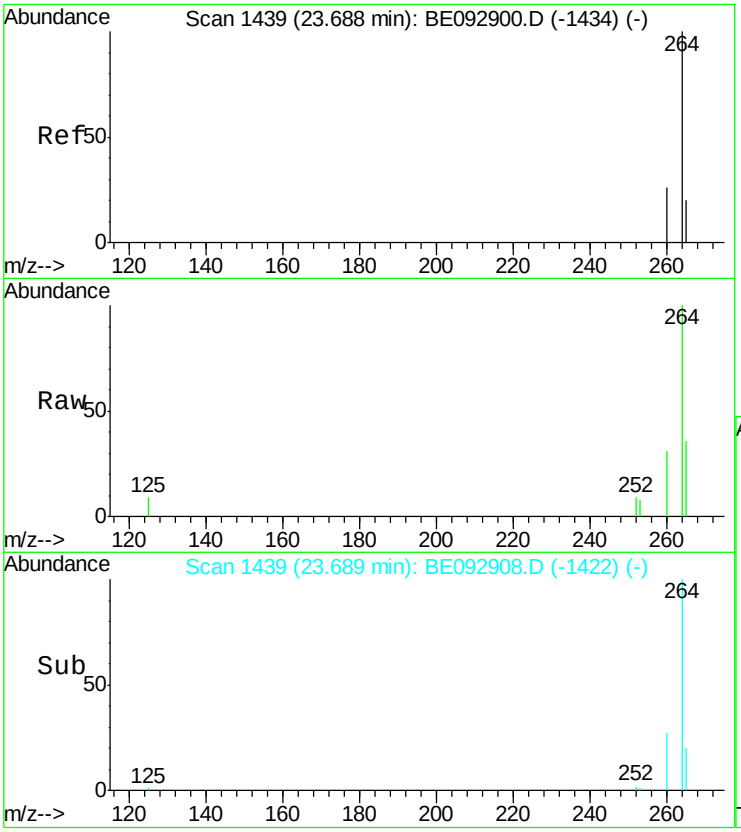


#32
Indeno(1,2,3-cd)pyrene
Concen: 0.34 ng
RT: 26.22 min Scan# 1650
Delta R.T. 0.00 min
Lab File: BE092908.D
Acq: 21 Apr 2017 14:43

Tgt Ion:276 Resp: 9074

Ion	Ratio	Lower	Upper
276	100		
138	31.9	25.8	38.6
277	25.2	20.2	30.4



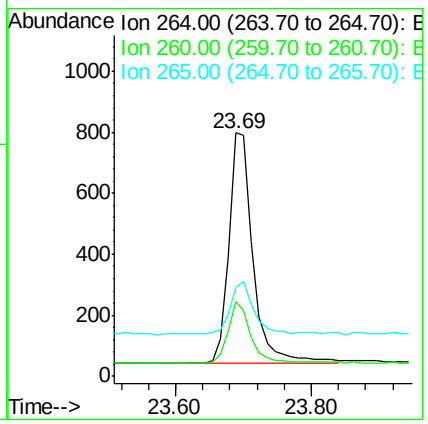


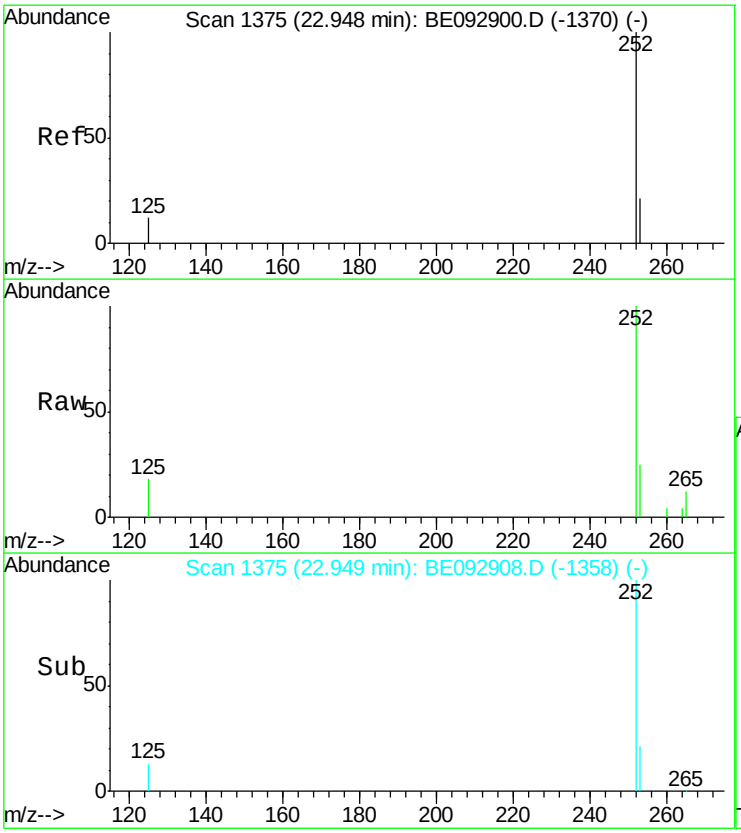
#33
Perylene-d12
Concen: 0.40 ng
RT: 23.69 min Scan# 1439
Delta R.T. 0.00 min
Lab File: BE092908.D
Acq: 21 Apr 2017 14:43

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:264 Resp: 1878

Ion	Ratio	Lower	Upper
264	100		
260	30.6	23.5	35.3
265	36.3	27.2	40.8

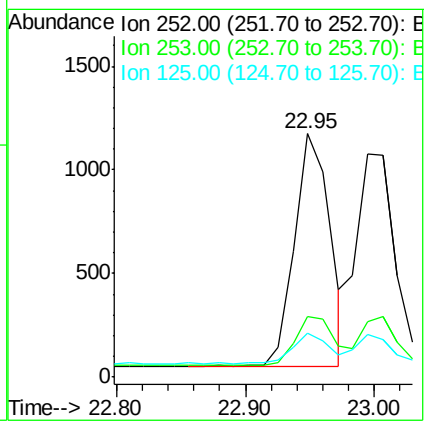


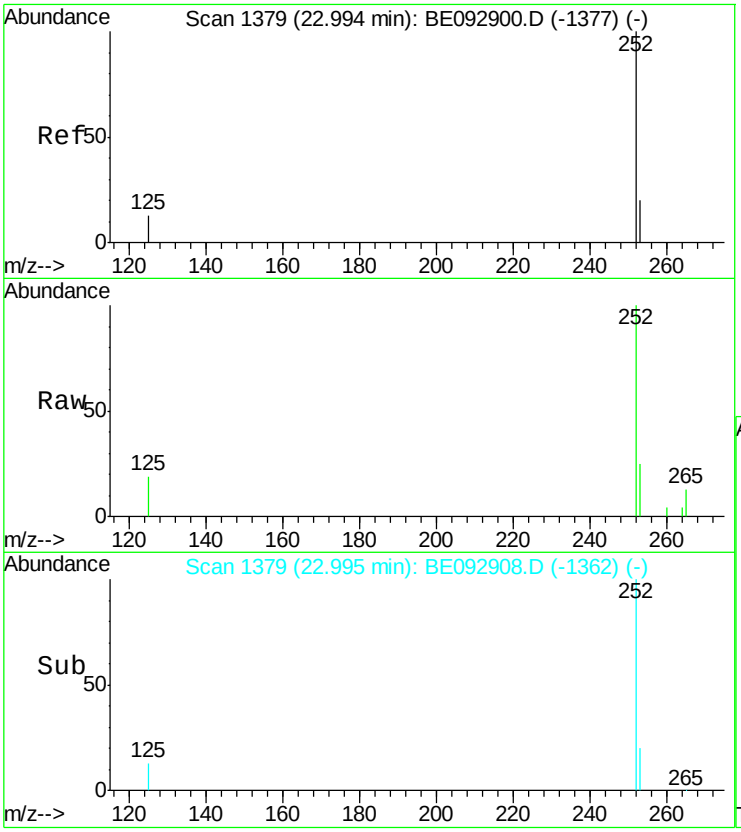


#34
Benzo(b)fluoranthene
Concen: 0.33 ng
RT: 22.95 min Scan# 1375
Delta R.T. 0.00 min
Lab File: BE092908.D
Acq: 21 Apr 2017 14:43

Tgt Ion:252 Resp: 2140

Ion	Ratio	Lower	Upper
252	100		
253	24.8	24.7	37.1
125	17.9	20.3	30.5#



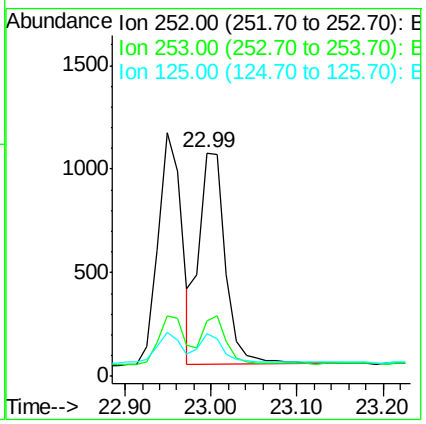


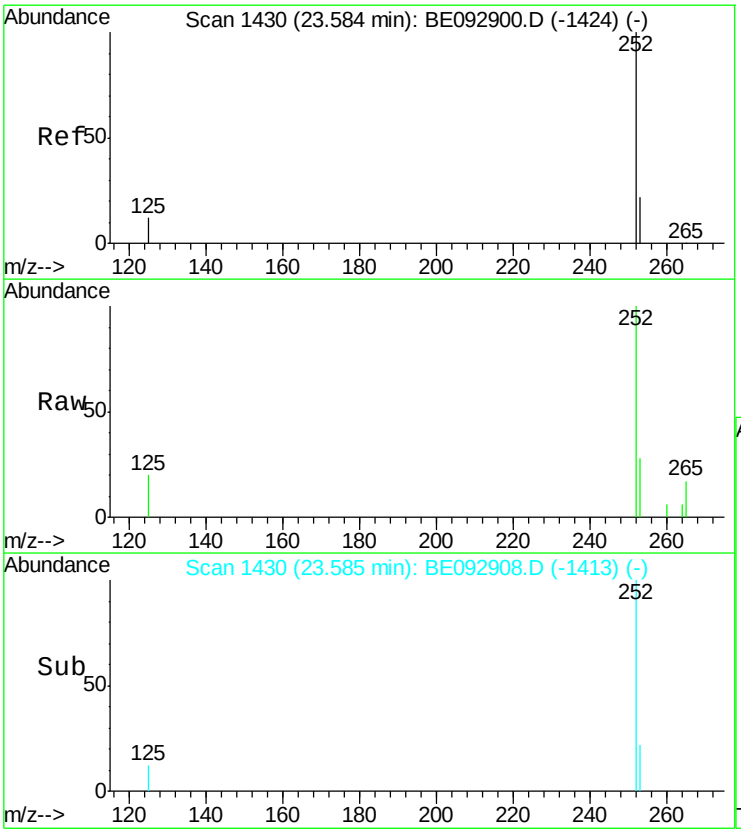
#35
Benzo(k)fluoranthene
Concen: 0.33 ng
RT: 22.99 min Scan# 1379
Delta R.T. 0.00 min
Lab File: BE092908.D
Acq: 21 Apr 2017 14:43

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:252 Resp: 2179

Ion	Ratio	Lower	Upper
252	100		
253	24.5	25.8	38.8#
125	18.8	22.9	34.3#

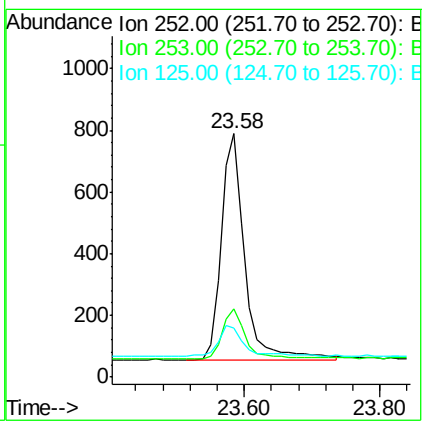


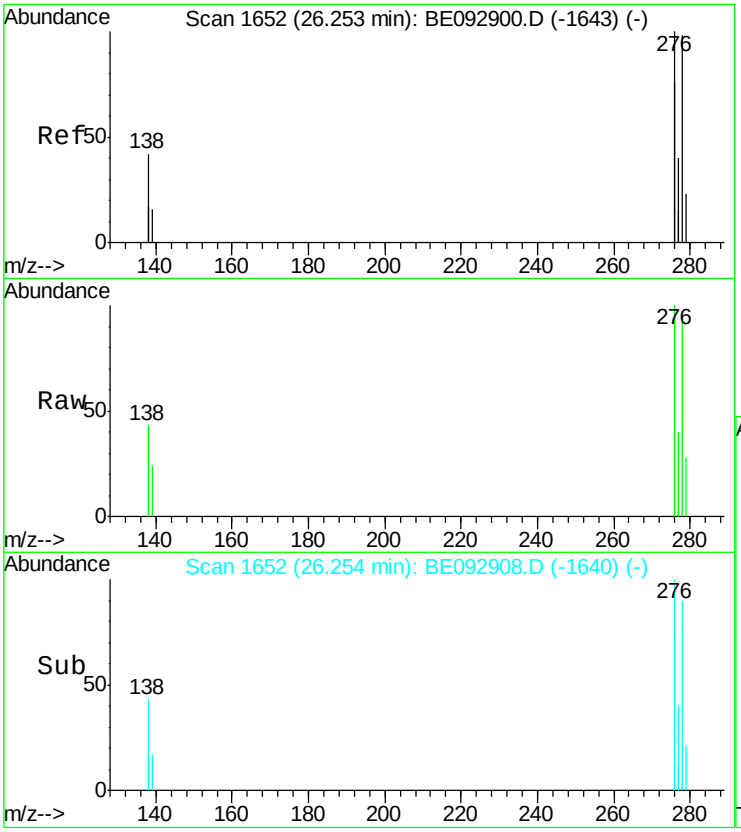


#36
Benzo(a)pyrene
Concen: 0.33 ng
RT: 23.58 min Scan# 1430
Delta R.T. 0.00 min
Lab File: BE092908.D
Acq: 21 Apr 2017 14:43

Tgt Ion:252 Resp: 1765

Ion	Ratio	Lower	Upper
252	100		
253	27.8	31.3	46.9#
125	20.2	26.4	39.6#



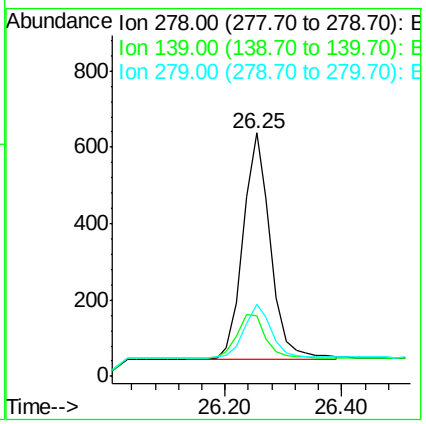


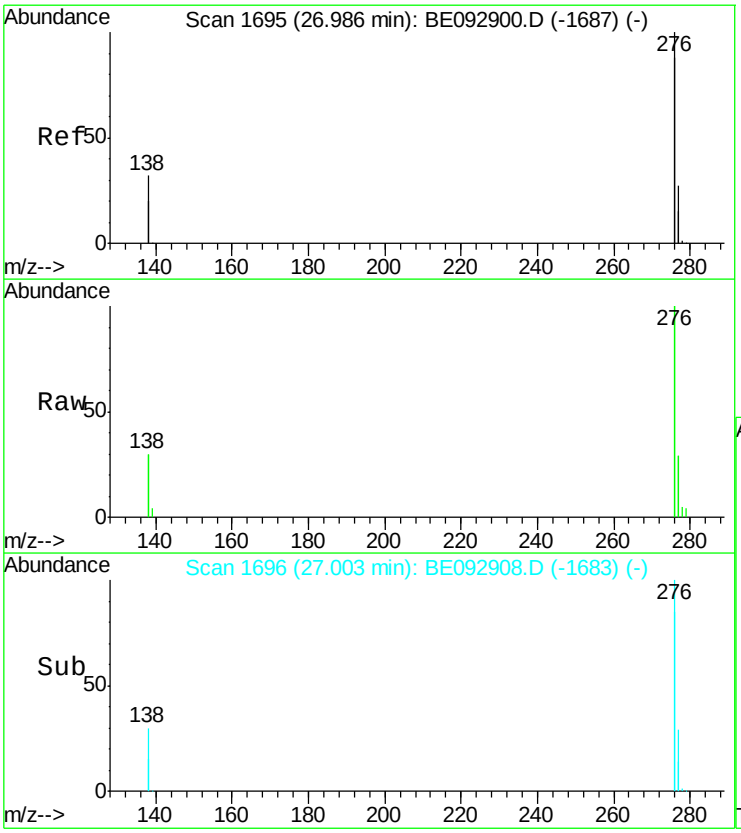
#37
Dibenzo(a,h)anthracene
Concen: 0.33 ng
RT: 26.25 min Scan# 1652
Delta R.T. 0.00 min
Lab File: BE092908.D
Acq: 21 Apr 2017 14:43

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:278 Resp: 1953

Ion	Ratio	Lower	Upper
278	100		
139	24.8	27.4	41.2#
279	29.5	33.3	49.9#





#38
Benzo(g,h,i)perylene
Concen: 0.33 ng
RT: 27.00 min Scan# 1696
Delta R.T. 0.02 min
Lab File: BE092908.D
Acq: 21 Apr 2017 14:43

Tgt Ion:276 Resp: 8386

Ion	Ratio	Lower	Upper
276	100		
277	29.1	29.9	44.9#
138	30.3	34.6	51.8#