Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA E\DATA\BE092317\
Data File : BE094090.D
Acq On : 23 Sep 2017 22:34
Operator : SJ/JU
Sample : I5340-07
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument : BNA_E
ClientSampleId :

Quant Time: Sep 25 08:48:10 2017
Quant Method : Z:\HPCHEM1\BNA E\METHODS\8270-SIM-BE092317.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Sep 25 07:59:29 2017
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.90	152	2350	0.40	ng		0.00
7) Naphthalene-d8	10.69	136	13304	0.40	ng		0.00
13) Acenaphthene-d10	14.51	164	8732	0.40	ng		0.00
19) Phenanthrene-d10	17.23	188	27035	0.40	ng		0.00
27) Chrysene-d12	21.40	240	15766	0.40	ng		0.00
34) Perylene-d12	23.91	264	15015	0.40	ng		0.00
System Monitoring Compounds							
4) 2-Fluorophenol	5.50	112	2882	0.14	ng		0.00
5) Phenol-d6	7.09	99	4689	0.34	ng		0.00
8) Nitrobenzene-d5	9.04	82	4352	0.37	ng		-0.02
11) 2-Methylnaphthalene-d10	12.27	152	7214	0.32	ng		0.00
14) 2,4,6-Tribromophenol	16.00	330	2188	0.33	ng		0.00
15) 2-Fluorobiphenyl	13.13	172	9456	0.33	ng		0.00
25) Fluoranthene-d10	19.27	212	55254	0.16	ng		0.00
29) Terphenyl-d14	19.85	244	8004	0.32	ng		0.00
Target Compounds							Qvalue
3) n-Nitrosodimethylamine	3.65	42	653	0.071	ng	#	1
6) bis(2-Chloroethyl)ether	7.34	93	2966	0.286	ng	#	1
9) Naphthalene	10.74	128	24783	0.042	ng		100
12) 2-Methylnaphthalene	12.35	142	1805	0.067	ng		95
16) Acenaphthylene	14.23	152	7937	0.181	ng		98
17) Acenaphthene	14.57	154	27103	0.929	ng		98
18) Fluorene	15.56	166	24389	0.562	ng		97
23) Phenanthrene	17.27	178	576869	5.957	ng		98
24) Anthracene	17.37	178	100983	1.352	ng	#	95
26) Fluoranthene	19.30	202	763524	7.349	ng		99
28) Pyrene	19.66	202	651549	14.936	ng	#	94
30) Benzo(a)anthracene	21.38	228	264971	5.019	ng		98
31) Chrysene	21.44	228	264947	5.120	ng		98
32) Bis(2-ethylhexyl)phthalate	21.29	149	34856	0.246	ng		100
33) Indeno(1,2,3-cd)pyrene	26.55	276	157646	3.941	ng		96
35) Benzo(b)fluoranthene	23.14	252	326558	6.009	ng		99
36) Benzo(k)fluoranthene	23.14	252	326558	5.989	ng		99
37) Benzo(a)pyrene	23.79	252	238666	4.891	ng		97
38) Dibenzo(a,h)anthracene	26.56	278	34740	0.889	ng		97
39) Benzo(g,h,i)perylene	27.37	276	159459	4.083	ng		97

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

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QLast Update : Mon Sep 25 07:59:29 2017
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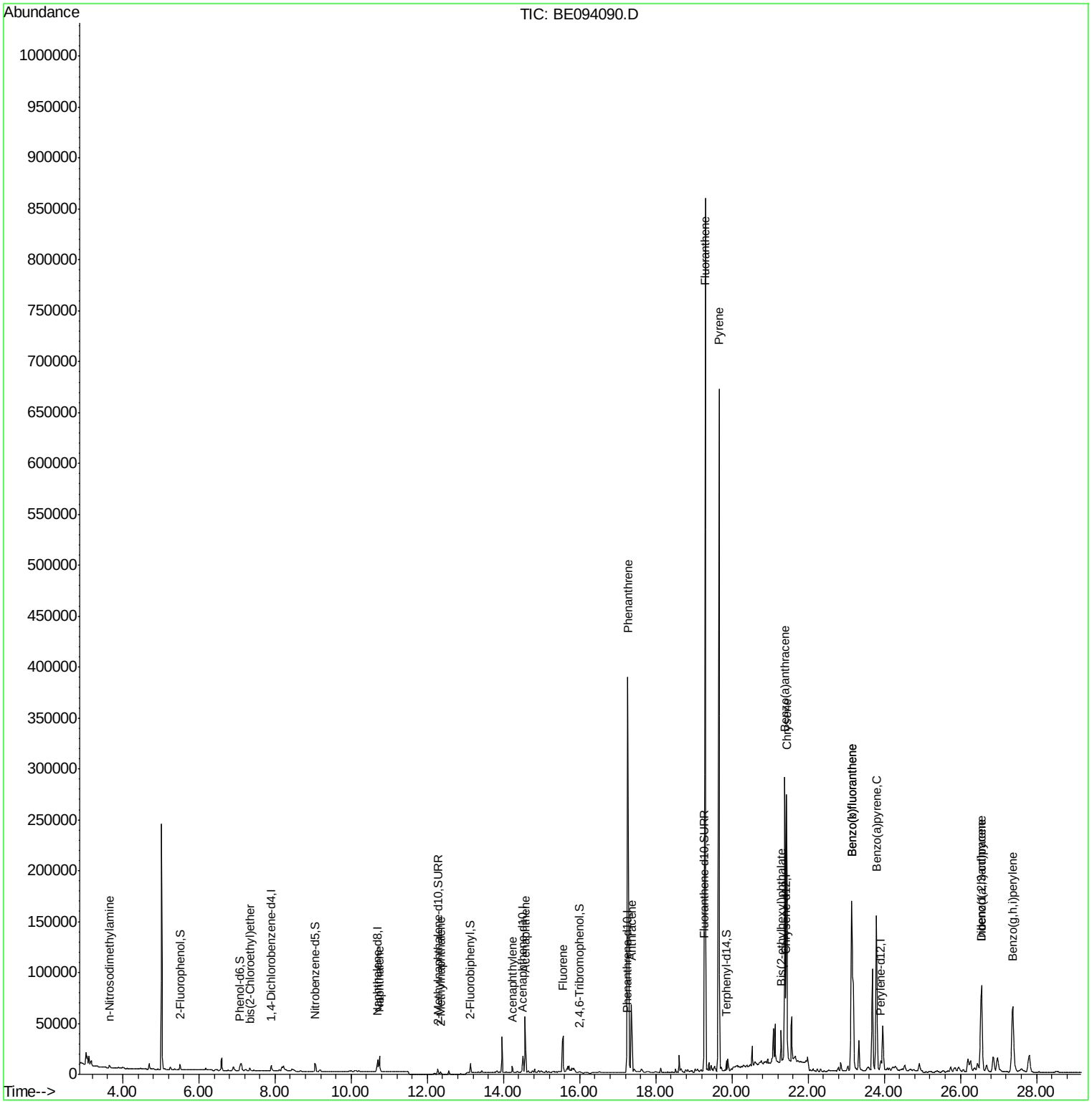
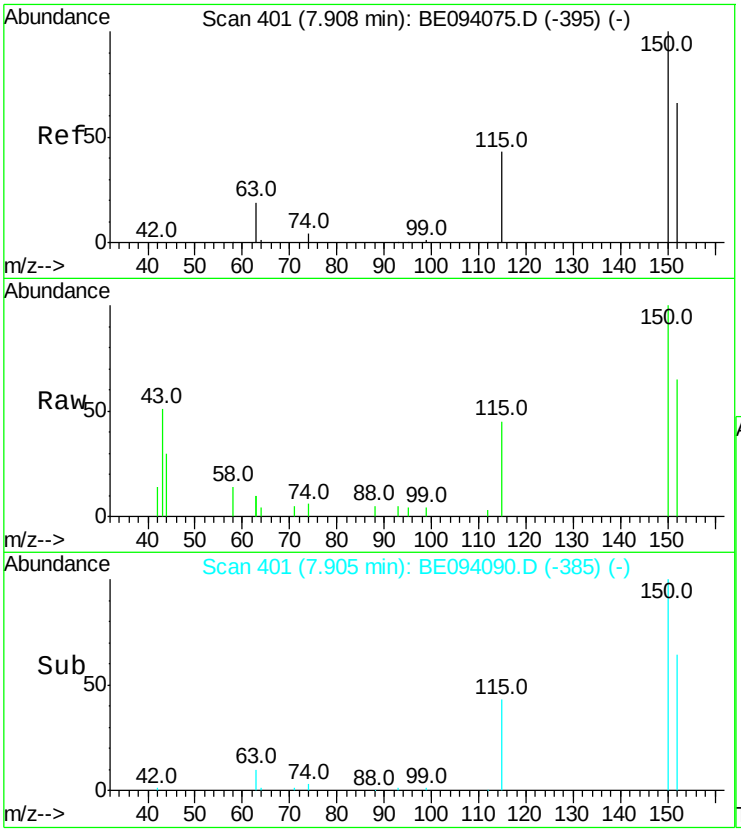


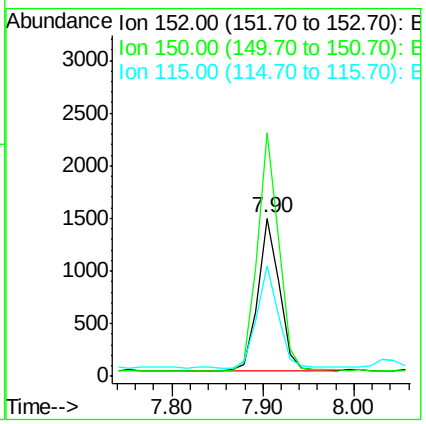


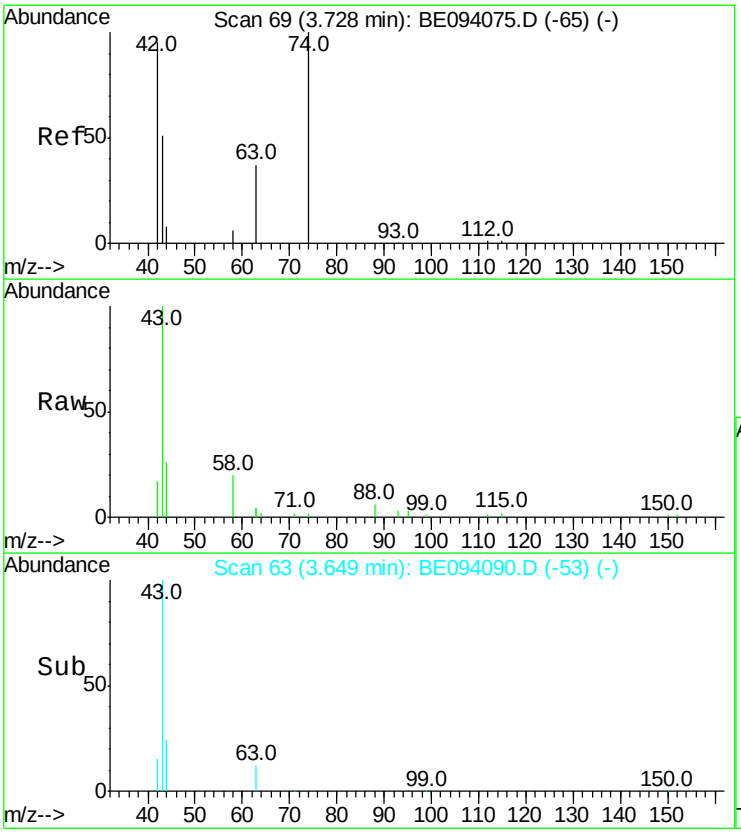
#1
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.90 min Scan# 401
Delta R.T. -0.00 min
Lab File: BE094090.D
Acq: 23 Sep 2017 22:34

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:152 Resp: 2350

Ion	Ratio	Lower	Upper
152	100		
150	154.0	117.2	175.8
115	70.0	57.0	85.6

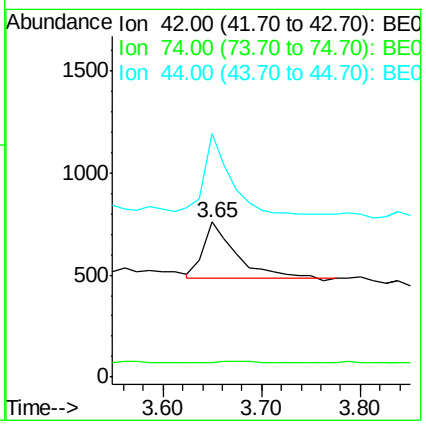


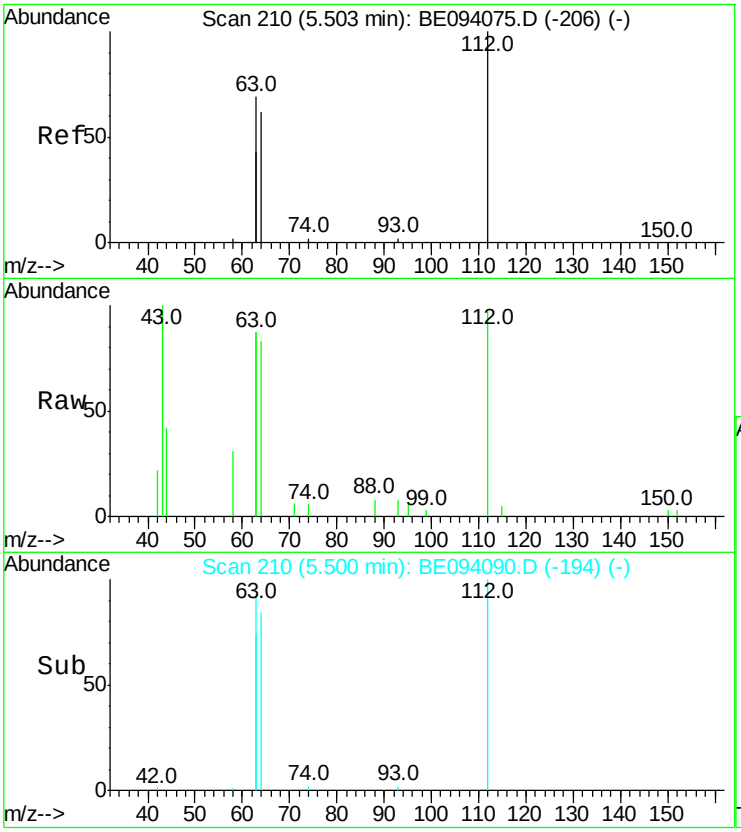


#3
n-Nitrosodimethylamine
Concen: 0.071 ng
RT: 3.65 min Scan# 63
Delta R.T. -0.08 min
Lab File: BE094090.D
Acq: 23 Sep 2017 22:34

Tgt Ion: 42 Resp: 653

Ion	Ratio	Lower	Upper
42	100		
74	0.0	100.3	150.5#
44	115.8	17.0	25.4#



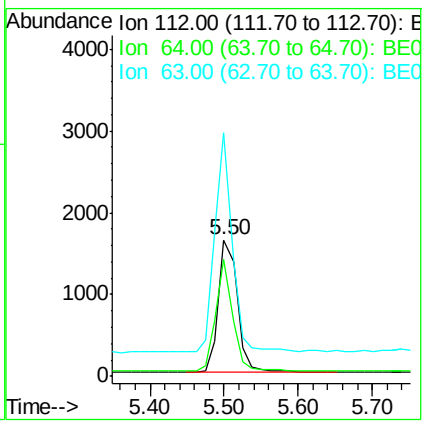


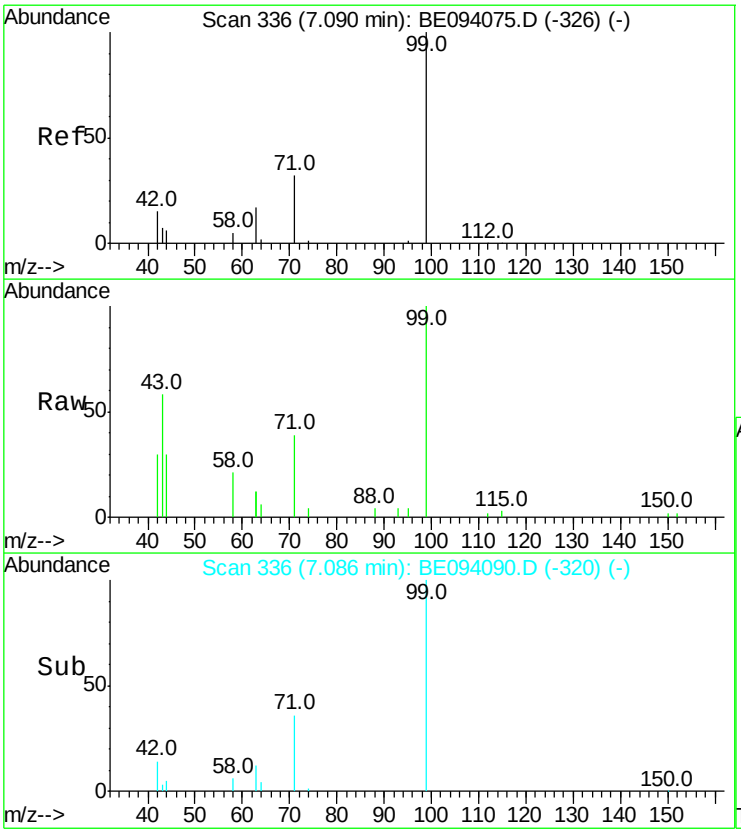
#4
2-Fluorophenol
Concen: 0.136 ng
RT: 5.50 min Scan# 210
Delta R.T. -0.00 min
Lab File: BE094090.D
Acq: 23 Sep 2017 22:34

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:112 Resp: 2882

Ion	Ratio	Lower	Upper
112	100		
64	74.8	60.1	90.1
63	150.8	116.8	175.2

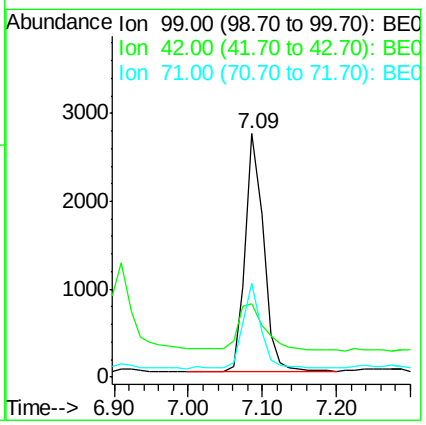


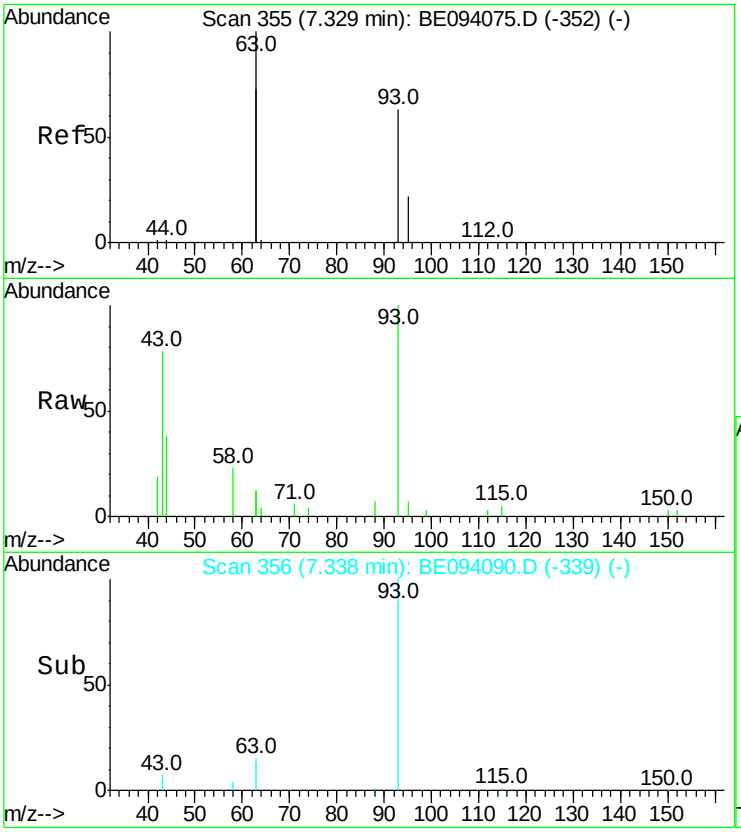


#5
Phenol-d6
Concen: 0.337 ng
RT: 7.09 min Scan# 336
Delta R.T. -0.00 min
Lab File: BE094090.D
Acq: 23 Sep 2017 22:34

Tgt Ion: 99 Resp: 4689

Ion	Ratio	Lower	Upper
99	100		
42	29.8	20.2	30.2
71	34.3	28.4	42.6



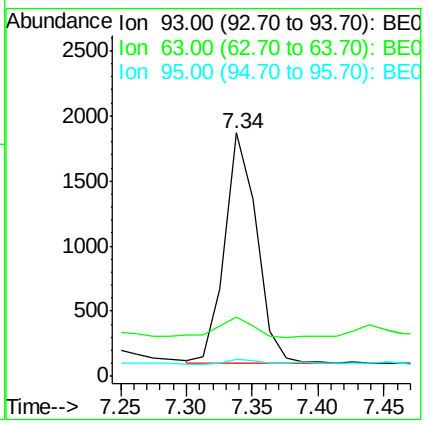


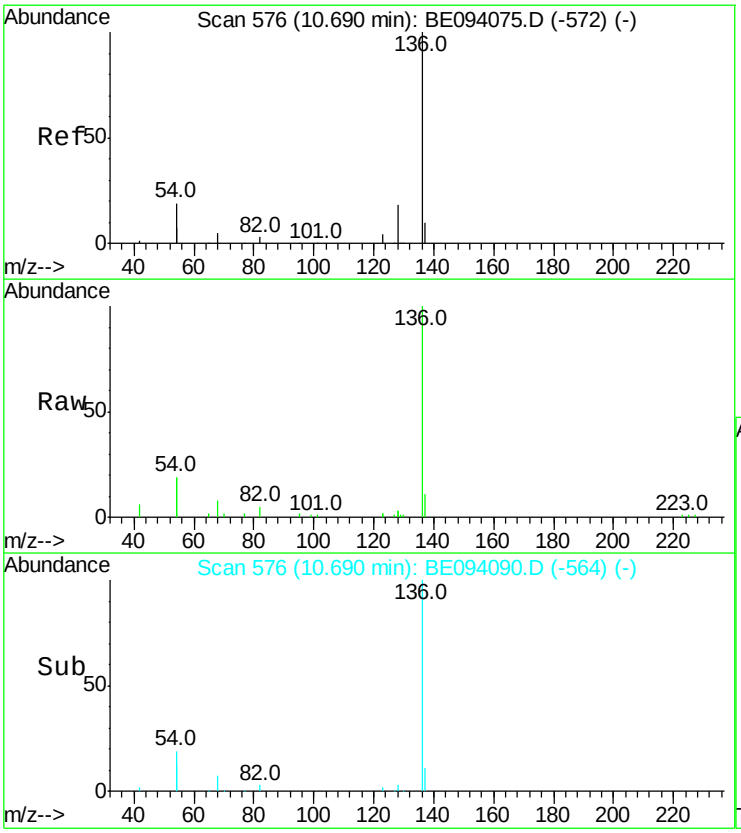
#6
bis(2-Chloroethyl)ether
Concen: 0.286 ng
RT: 7.34 min Scan# 356
Delta R.T. 0.01 min
Lab File: BE094090.D
Acq: 23 Sep 2017 22:34

Instrument :
BNA_E
ClientSampleId :

Tgt Ion: 93 Resp: 2966

Ion	Ratio	Lower	Upper
93	100		
63	9.4	275.3	412.9#
95	2.5	25.2	37.8#

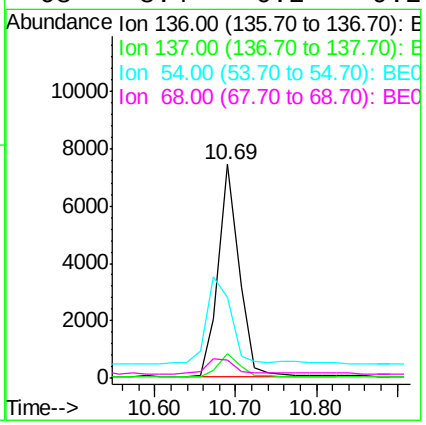


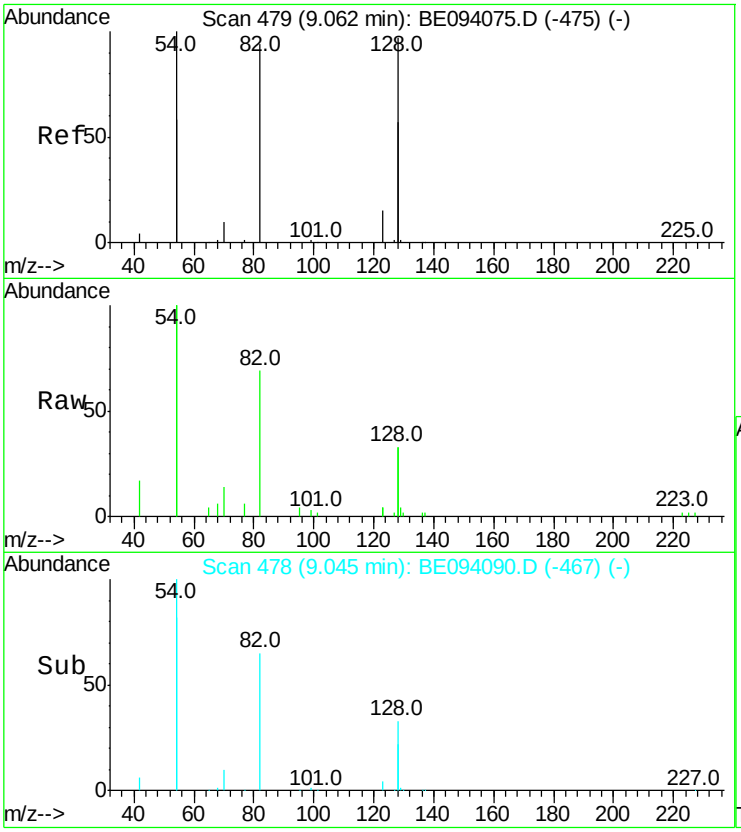


#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.69 min Scan# 576
Delta R.T. 0.00 min
Lab File: BE094090.D
Acq: 23 Sep 2017 22:34

Tgt Ion:136 Resp: 13304

Ion	Ratio	Lower	Upper
136	100		
137	11.5	9.5	14.3
54	37.8	29.1	43.7
68	8.4	6.2	9.2



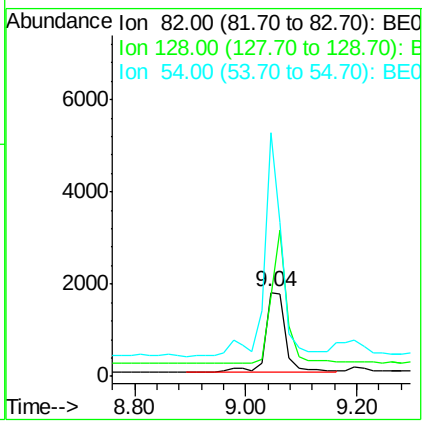


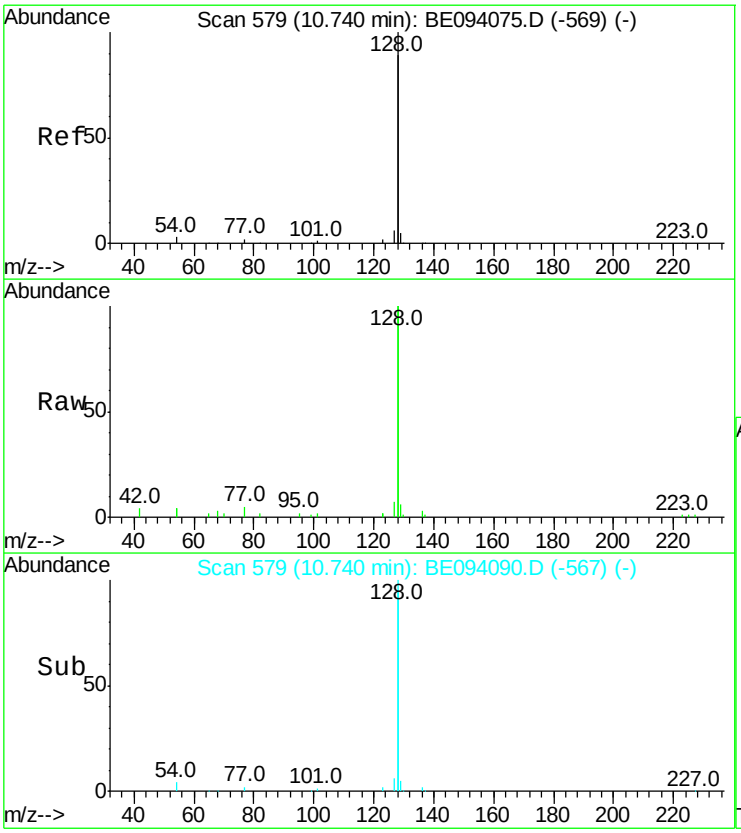
#8
Nitrobenzene-d5
Concen: 0.368 ng
RT: 9.04 min Scan# 478
Delta R.T. -0.02 min
Lab File: BE094090.D
Acq: 23 Sep 2017 22:34

Instrument :
BNA_E
ClientSampleId :

Tgt Ion: 82 Resp: 4352

Ion	Ratio	Lower	Upper
82	100		
128	95.4	150.0	225.0#
54	290.0	154.2	231.4#

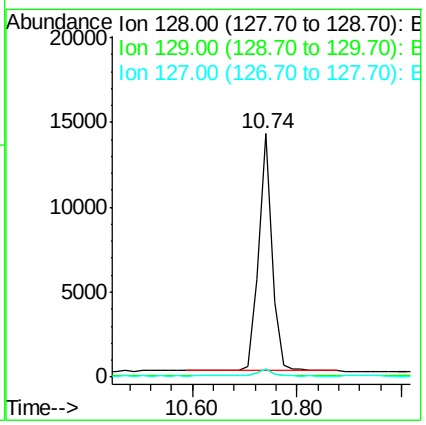


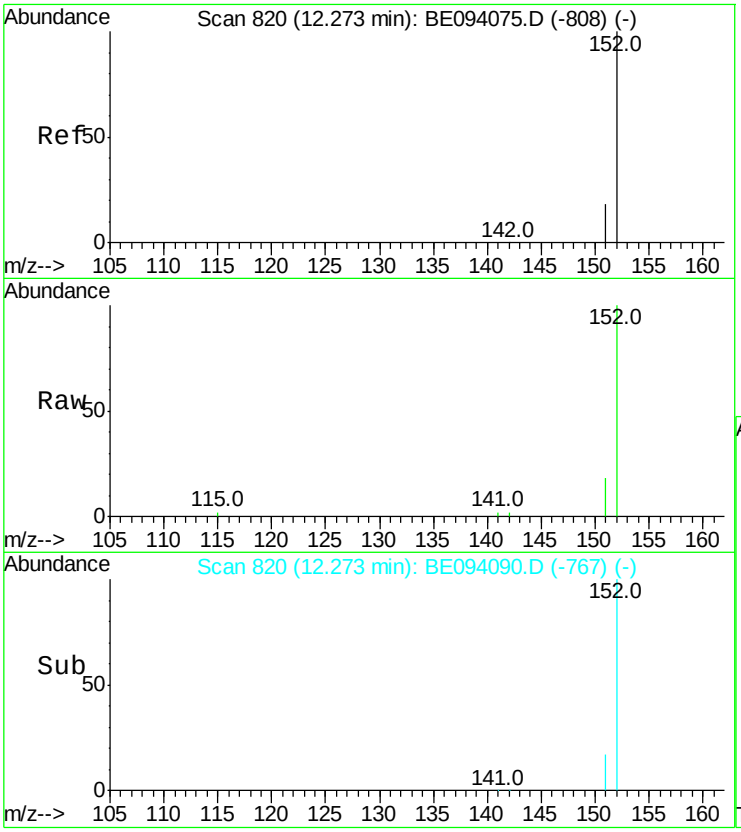


#9
Naphthalene
Concen: 0.042 ng
RT: 10.74 min Scan# 579
Delta R.T. 0.00 min
Lab File: BE094090.D
Acq: 23 Sep 2017 22:34

Tgt Ion:128 Resp: 24783

Ion	Ratio	Lower	Upper
128	100		
129	3.2	2.6	3.8
127	3.3	2.8	4.2



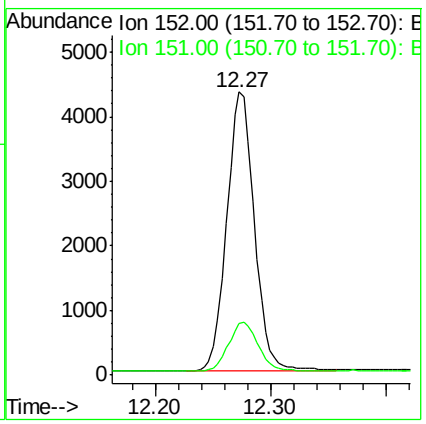


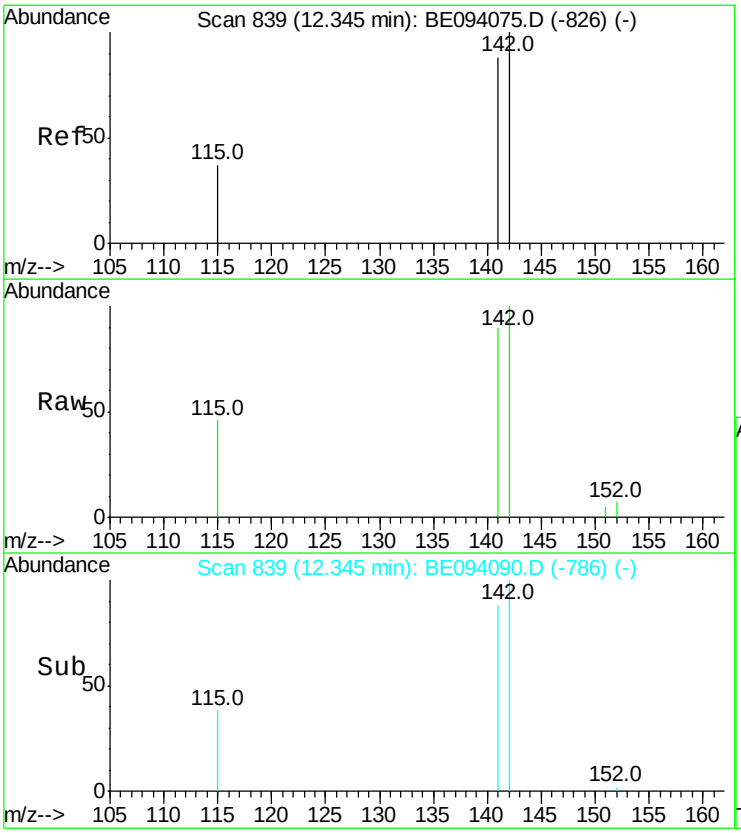
#11
2-Methylnaphthalene-d10
Concen: 0.320 ng
RT: 12.27 min Scan# 820
Delta R.T. 0.00 min
Lab File: BE094090.D
Acq: 23 Sep 2017 22:34

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:152 Resp: 7214

Ion	Ratio	Lower	Upper
152	100		
151	18.8	15.4	23.0

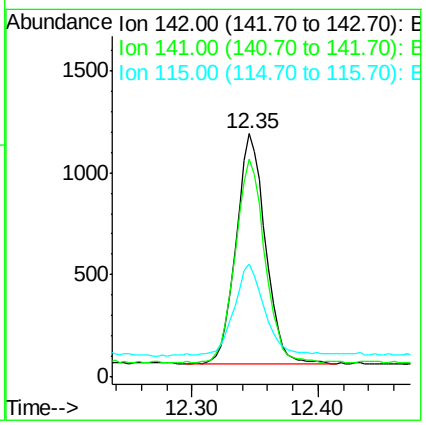


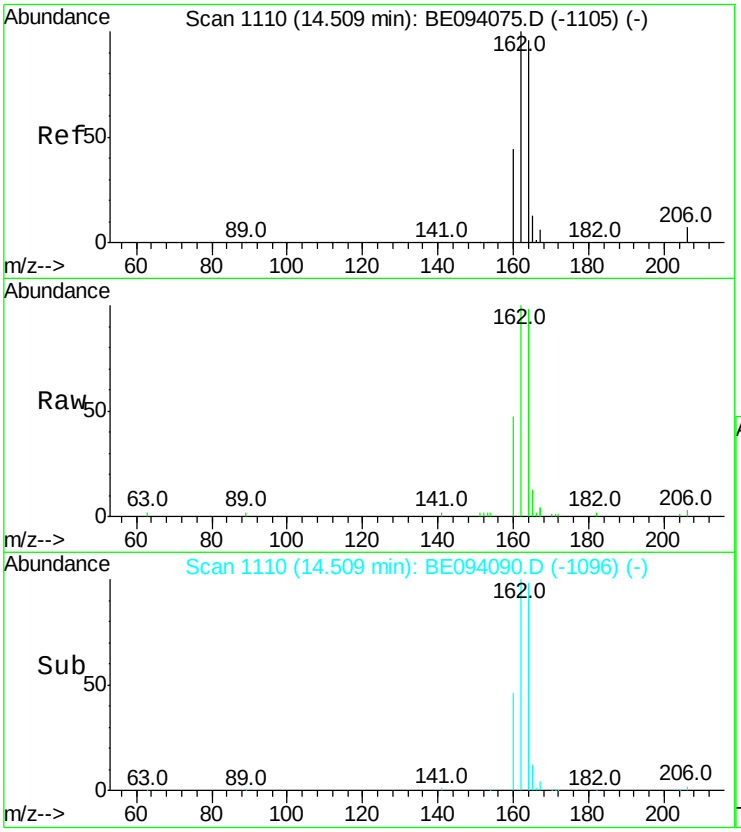


#12
2-Methylnaphthalene
Concen: 0.067 ng
RT: 12.35 min Scan# 839
Delta R.T. -0.00 min
Lab File: BE094090.D
Acq: 23 Sep 2017 22:34

Tgt Ion:142 Resp: 1805

Ion	Ratio	Lower	Upper
142	100		
141	89.8	70.4	105.6
115	46.2	31.7	47.5



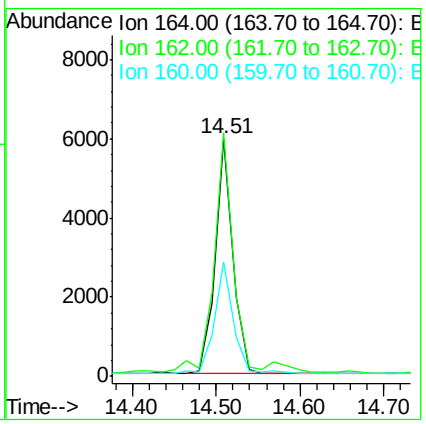


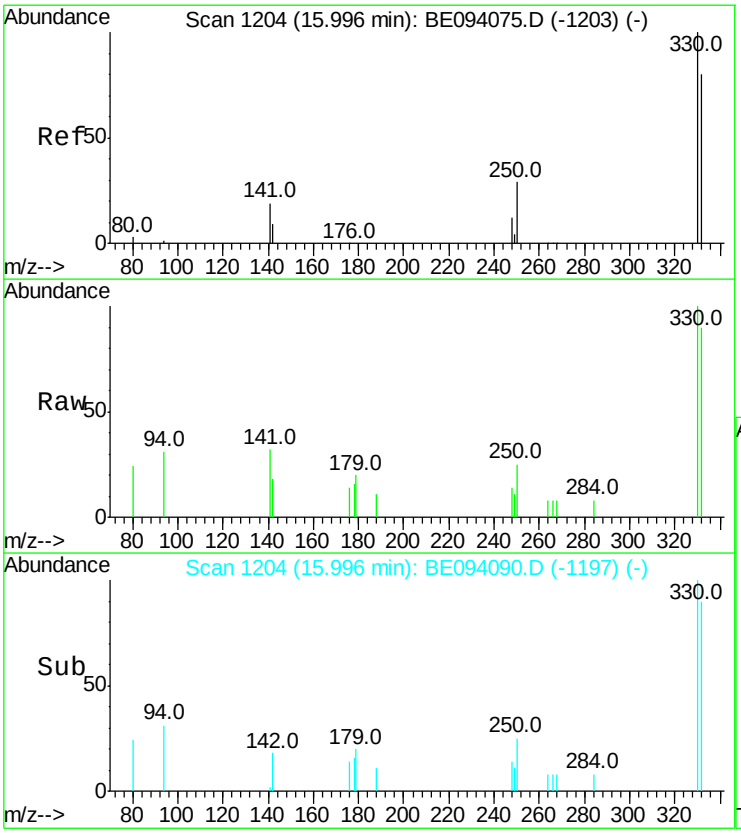
#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.51 min Scan# 1110
Delta R.T. 0.00 min
Lab File: BE094090.D
Acq: 23 Sep 2017 22:34

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:164 Resp: 8732

Ion	Ratio	Lower	Upper
164	100		
162	102.5	83.1	124.7
160	47.9	37.1	55.7

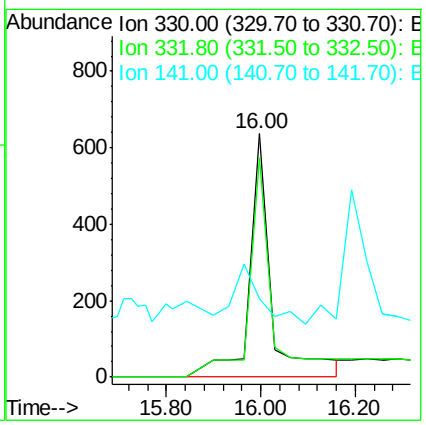


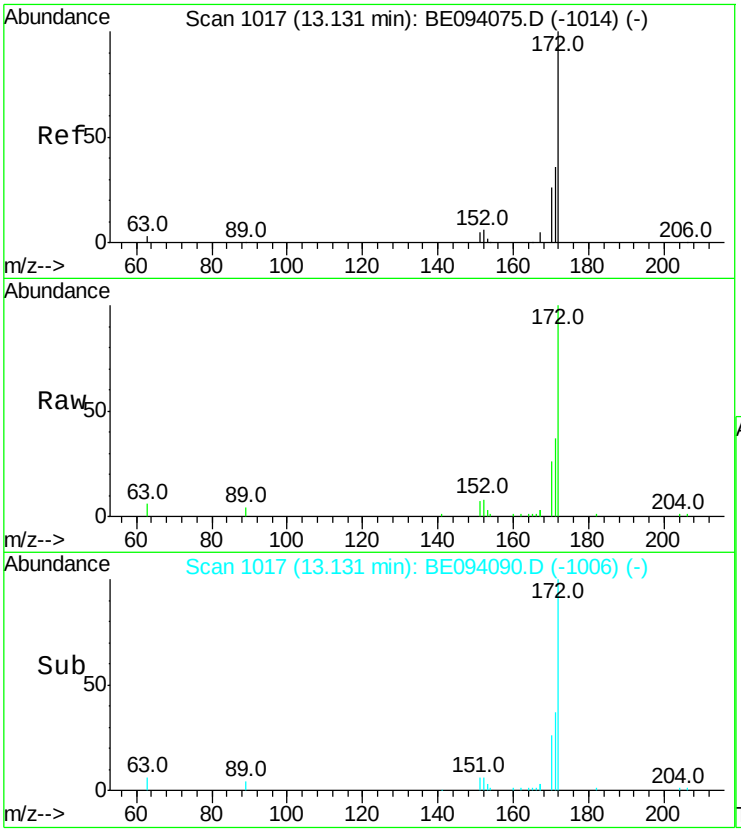


#14
2,4,6-Tribromophenol
Concen: 0.330 ng
RT: 16.00 min Scan# 1204
Delta R.T. 0.00 min
Lab File: BE094090.D
Acq: 23 Sep 2017 22:34

Tgt Ion:330 Resp: 2188

Ion	Ratio	Lower	Upper
330	100		
332	94.8	152.7	229.1#
141	0.0	33.7	50.5#



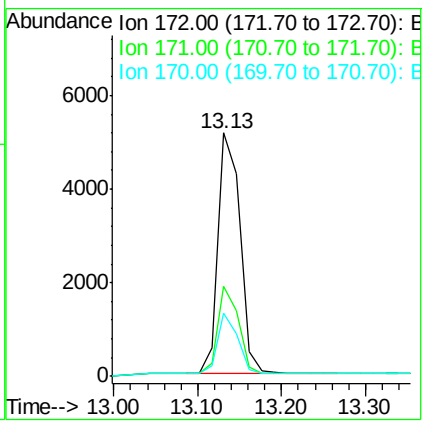


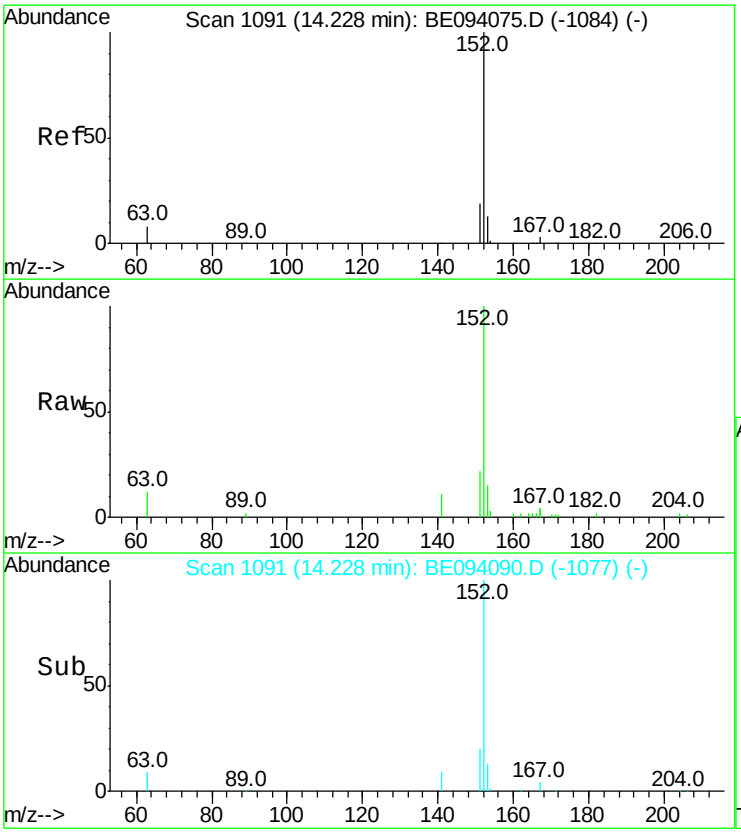
#15
2-Fluorobiphenyl
Concen: 0.330 ng
RT: 13.13 min Scan# 1017
Delta R.T. 0.00 min
Lab File: BE094090.D
Acq: 23 Sep 2017 22:34

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:172 Resp: 9456

Ion	Ratio	Lower	Upper
172	100		
171	36.8	29.9	44.9
170	25.8	21.8	32.8

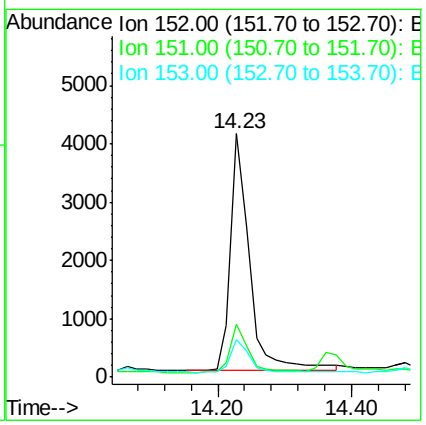


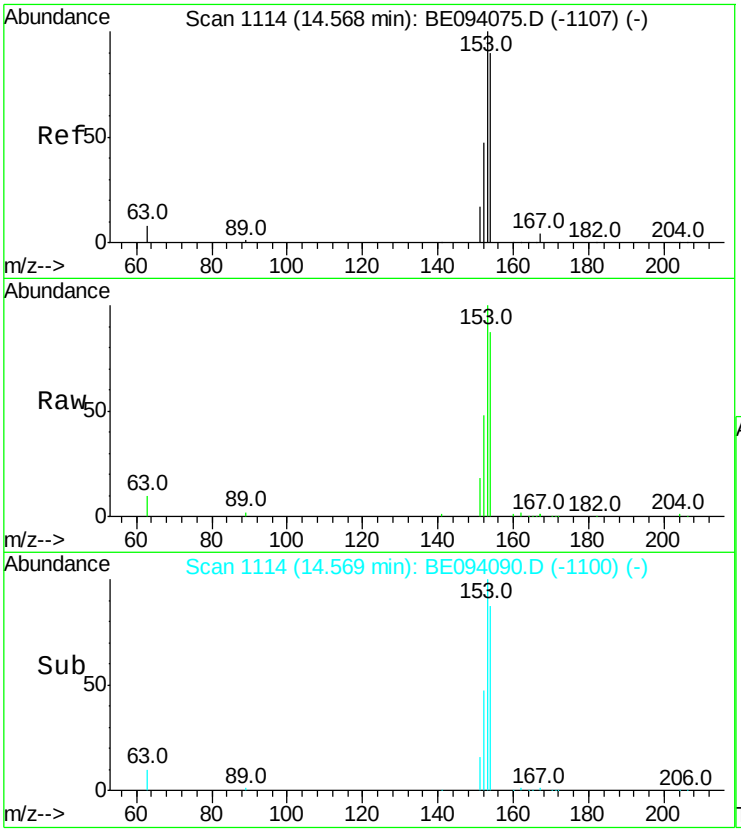


#16
Acenaphthylene
Concen: 0.181 ng
RT: 14.23 min Scan# 1091
Delta R.T. 0.00 min
Lab File: BE094090.D
Acq: 23 Sep 2017 22:34

Tgt Ion:152 Resp: 7937

Ion	Ratio	Lower	Upper
152	100		
151	18.9	15.7	23.5
153	14.3	10.5	15.7



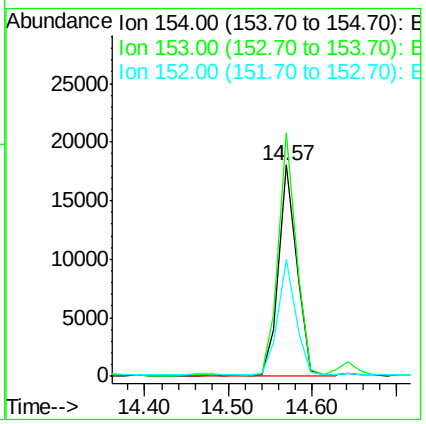


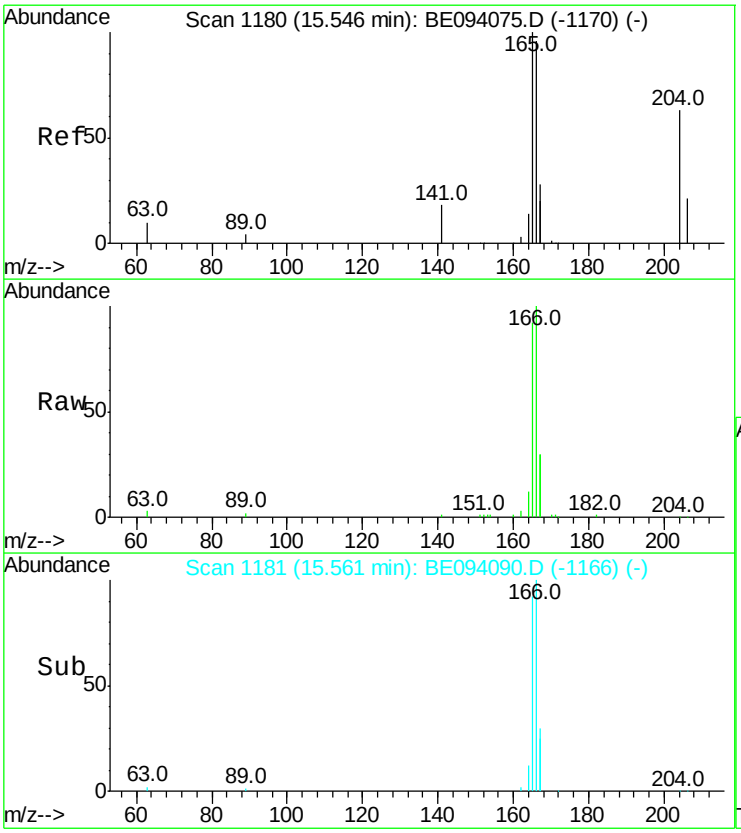
#17
Acenaphthene
Concen: 0.929 ng
RT: 14.57 min Scan# 1114
Delta R.T. 0.00 min
Lab File: BE094090.D
Acq: 23 Sep 2017 22:34

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:154 Resp: 27103

Ion	Ratio	Lower	Upper
154	100		
153	113.9	89.2	133.8
152	53.9	42.0	63.0

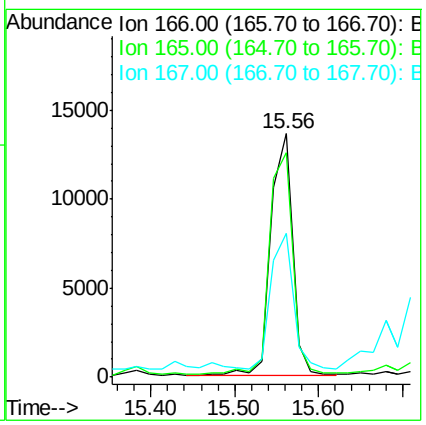


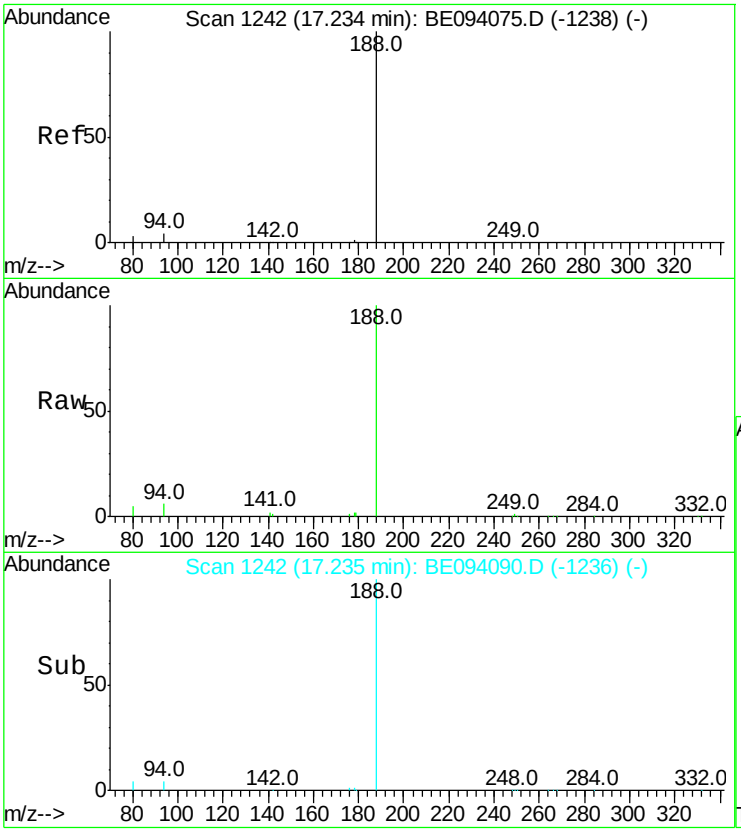


#18
Fluorene
Concen: 0.562 ng
RT: 15.56 min Scan# 1181
Delta R.T. 0.02 min
Lab File: BE094090.D
Acq: 23 Sep 2017 22:34

Tgt Ion:166 Resp: 24389

Ion	Ratio	Lower	Upper
166	100		
165	98.0	77.8	116.6
167	58.3	42.4	63.6



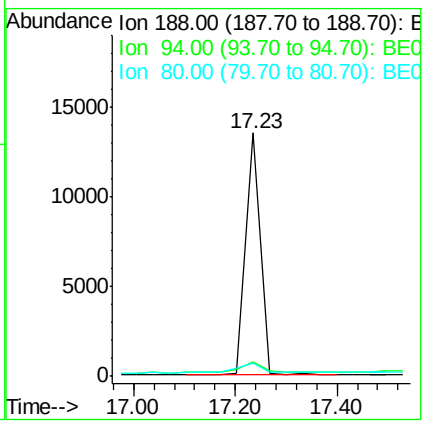


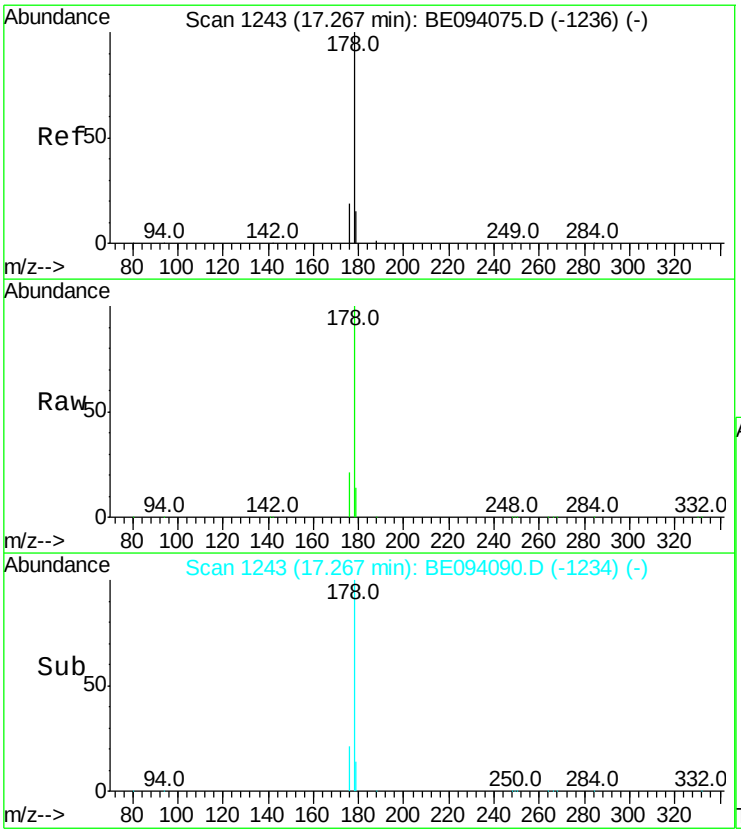
#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.23 min Scan# 1242
Delta R.T. 0.00 min
Lab File: BE094090.D
Acq: 23 Sep 2017 22:34

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:188 Resp: 27035

Ion	Ratio	Lower	Upper
188	100		
94	5.8	3.9	5.9
80	5.4	3.6	5.4

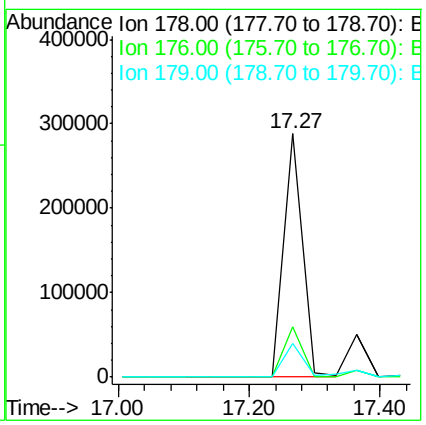


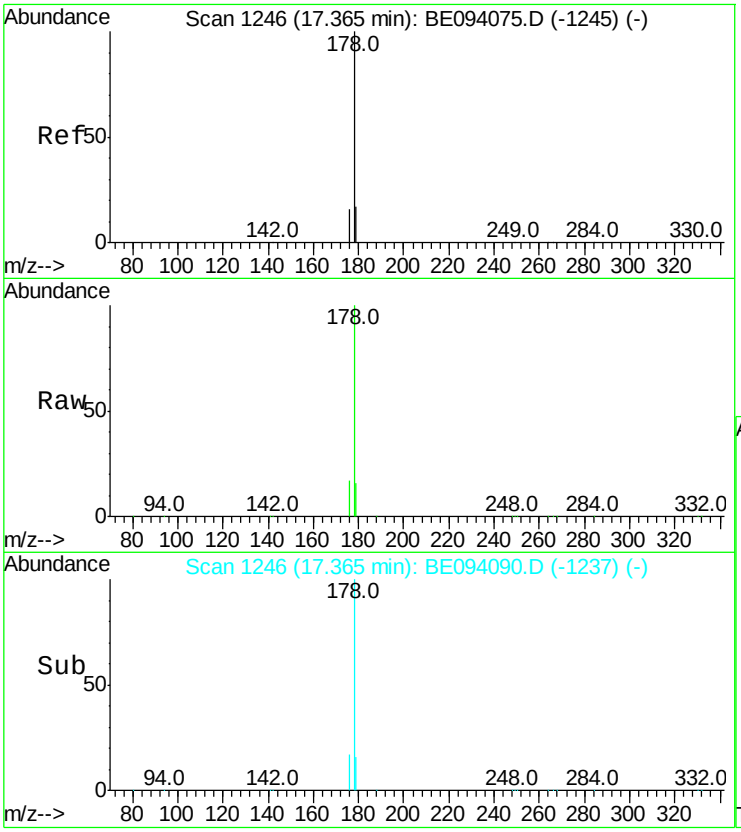


#23
Phenanthrene
Concen: 5.957 ng
RT: 17.27 min Scan# 1243
Delta R.T. 0.00 min
Lab File: BE094090.D
Acq: 23 Sep 2017 22:34

Tgt Ion:178 Resp: 576869

Ion	Ratio	Lower	Upper
178	100		
176	20.7	15.1	22.7
179	14.8	11.8	17.6



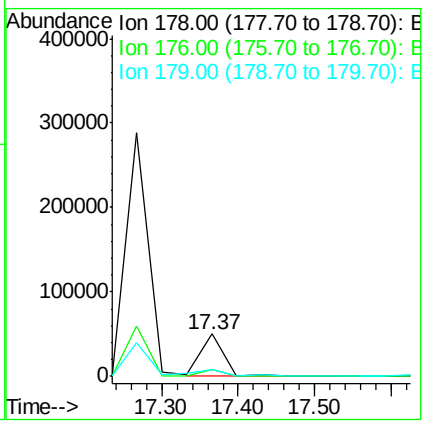


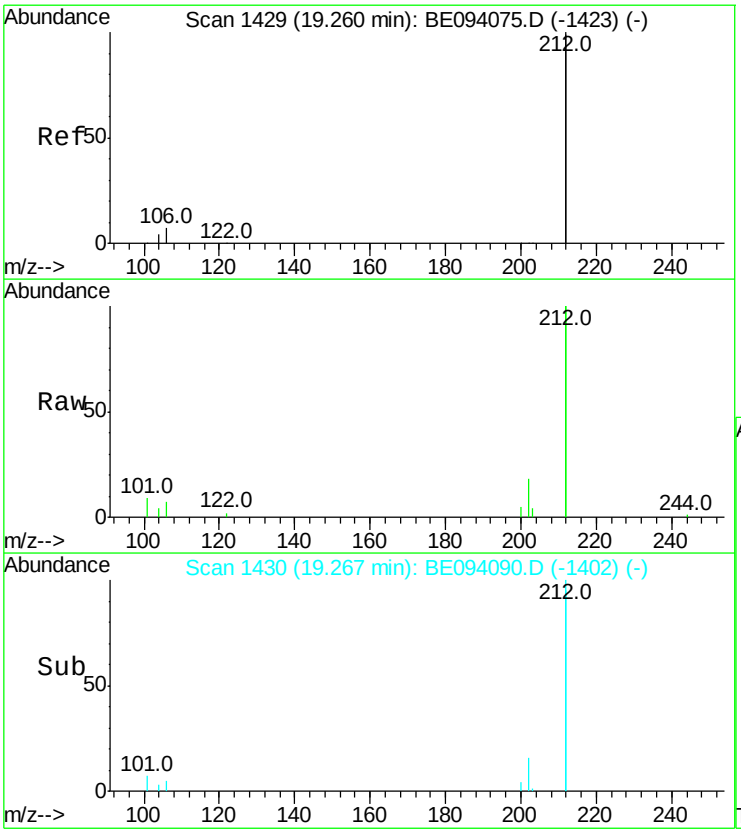
#24
Anthracene
Concen: 1.352 ng
RT: 17.37 min Scan# 1246
Delta R.T. 0.00 min
Lab File: BE094090.D
Acq: 23 Sep 2017 22:34

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:178 Resp: 100983

Ion	Ratio	Lower	Upper
178	100		
176	16.9	12.8	19.2
179	19.8	13.0	19.6#

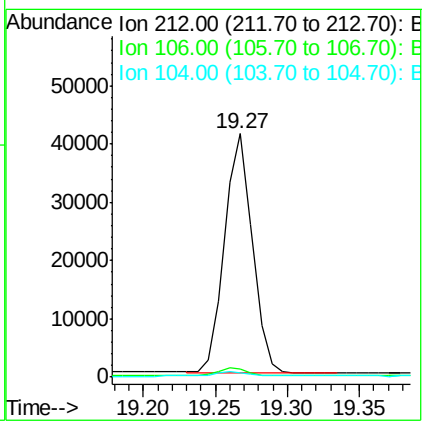


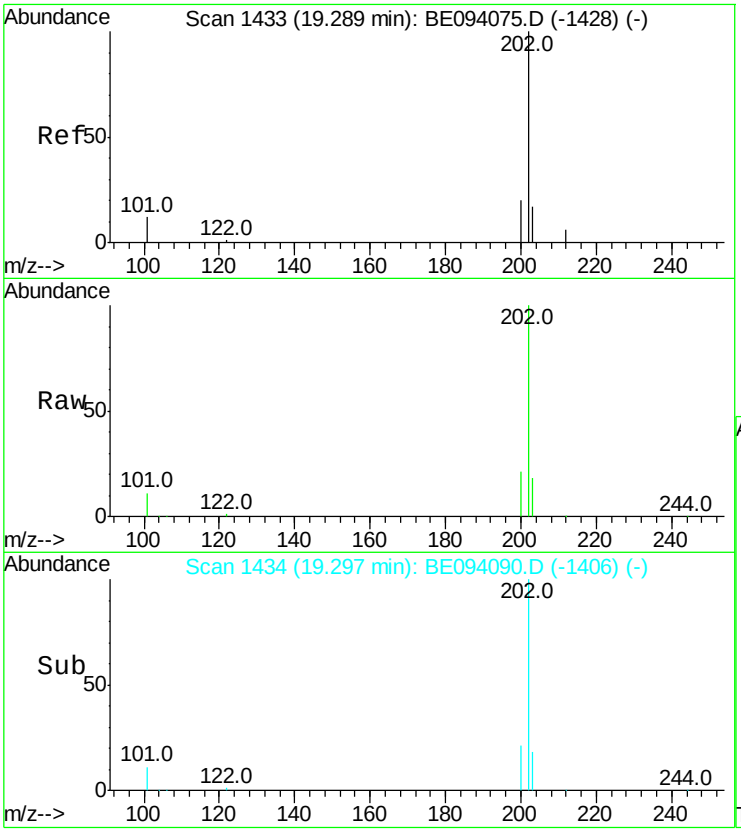


#25
Fluoranthene-d10
Concen: 0.159 ng
RT: 19.27 min Scan# 1430
Delta R.T. 0.01 min
Lab File: BE094090.D
Acq: 23 Sep 2017 22:34

Tgt Ion:212 Resp: 55254

Ion	Ratio	Lower	Upper
212	100		
106	3.7	2.8	4.2
104	2.3	1.6	2.4



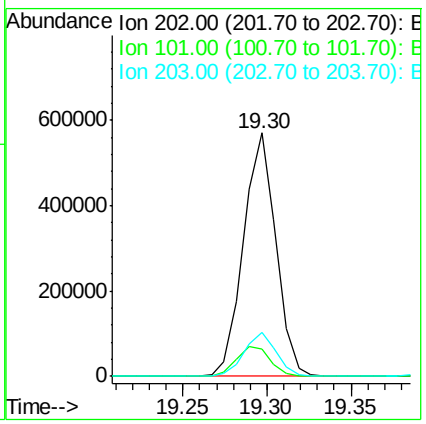


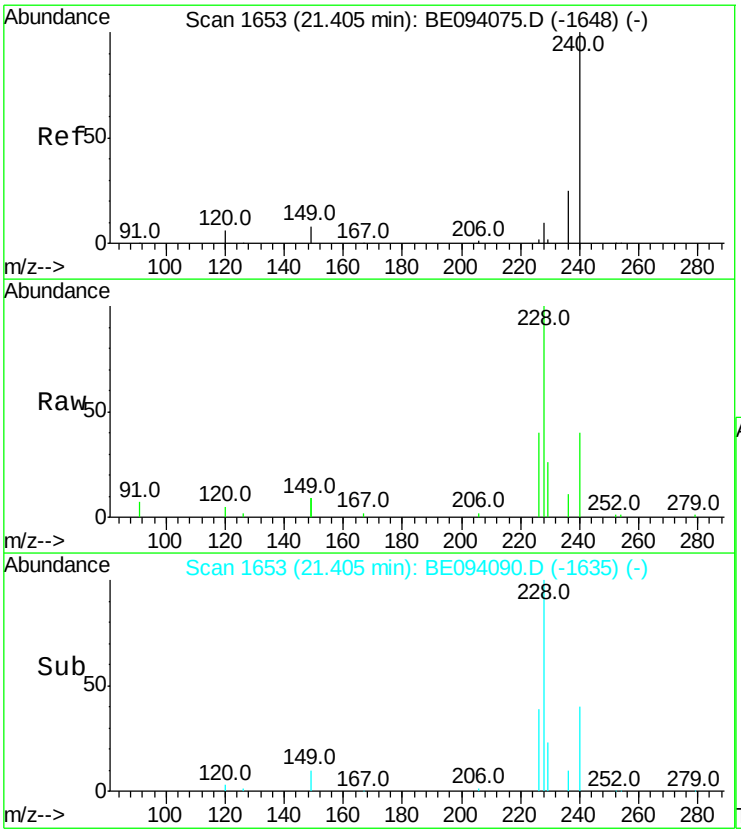
#26
Fluoranthene
Concen: 7.349 ng
RT: 19.30 min Scan# 1434
Delta R.T. 0.01 min
Lab File: BE094090.D
Acq: 23 Sep 2017 22:34

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:202 Resp: 763524

Ion	Ratio	Lower	Upper
202	100		
101	12.7	9.8	14.8
203	17.7	13.7	20.5

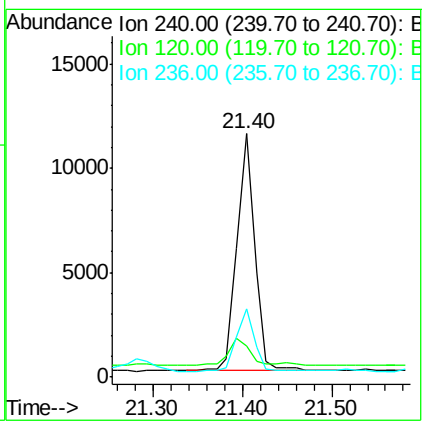


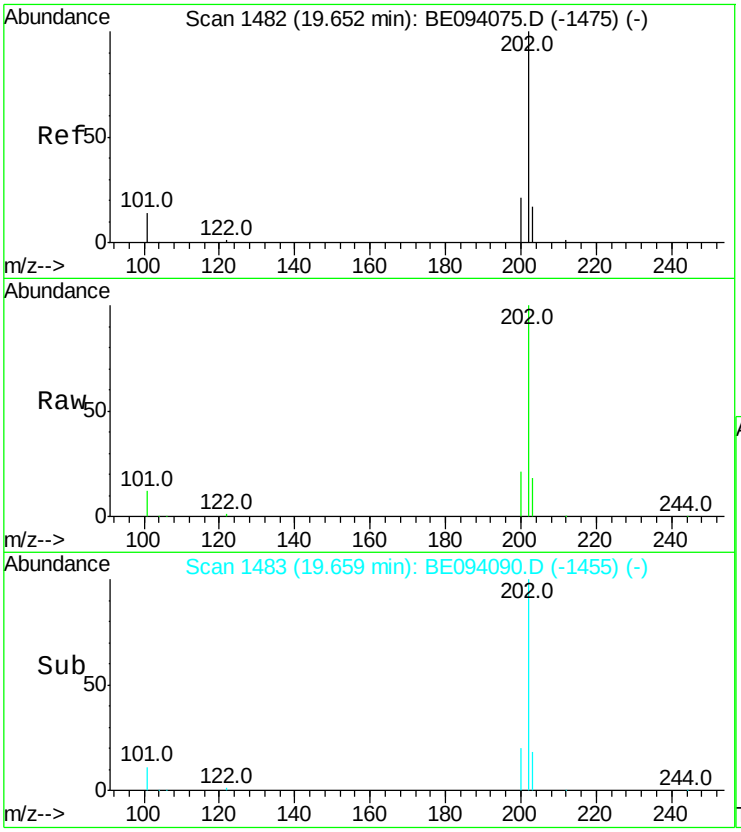


#27
Chrysene-d12
Concen: 0.400 ng
RT: 21.40 min Scan# 1653
Delta R.T. -0.00 min
Lab File: BE094090.D
Acq: 23 Sep 2017 22:34

Tgt Ion:240 Resp: 15766

Ion	Ratio	Lower	Upper
240	100		
120	12.9	5.5	8.3#
236	28.1	20.7	31.1



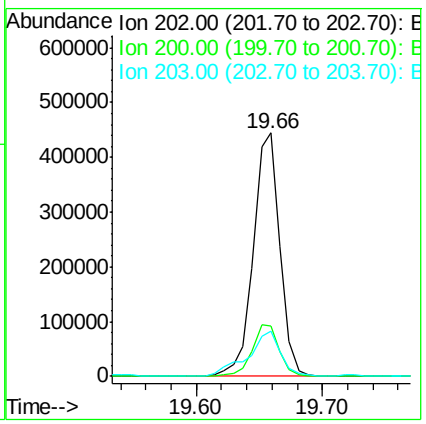


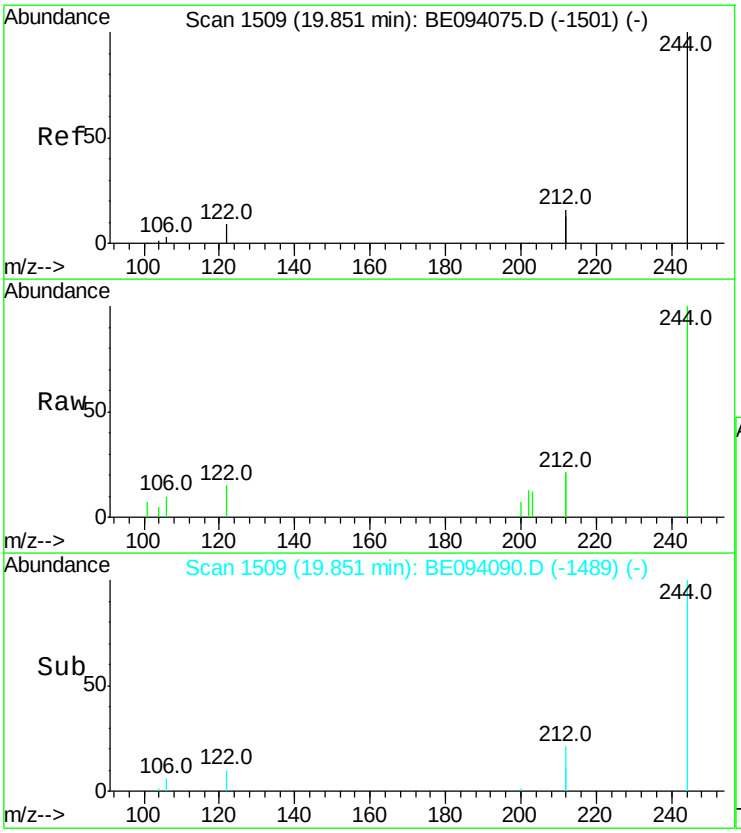
#28
Pyrene
Concen: 14.936 ng
RT: 19.66 min Scan# 1483
Delta R.T. 0.01 min
Lab File: BE094090.D
Acq: 23 Sep 2017 22:34

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:202 Resp: 651549

Ion	Ratio	Lower	Upper
202	100		
200	21.4	16.6	25.0
203	22.7	13.8	20.8#

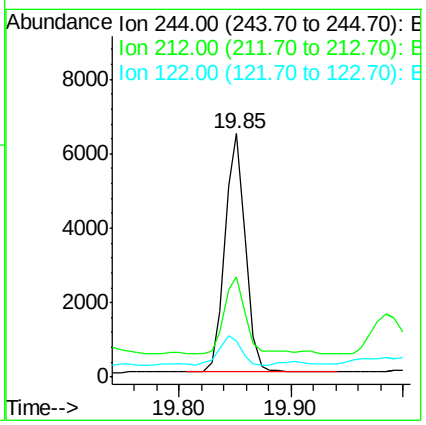


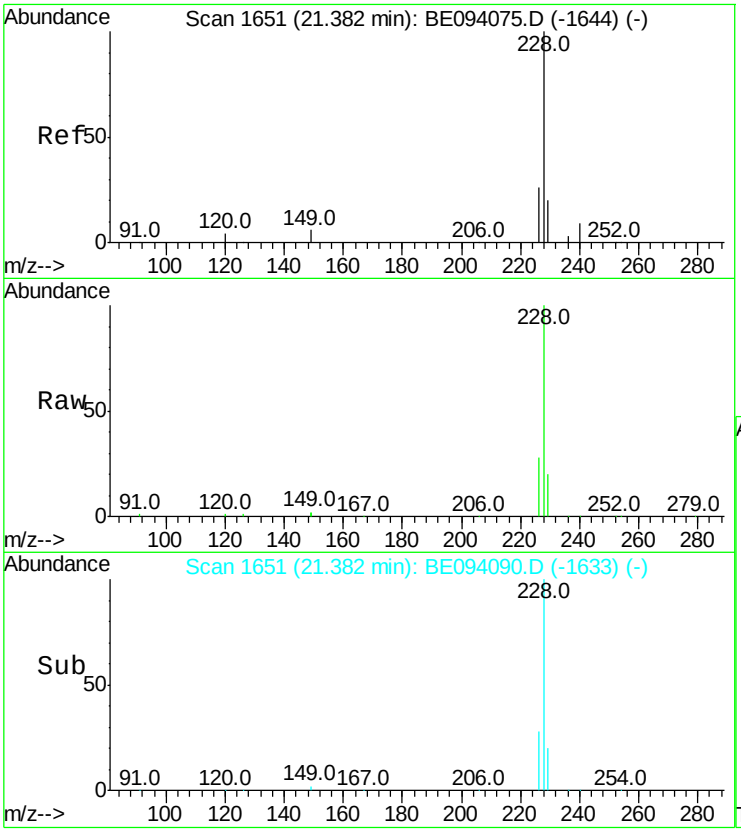


#29
Terphenyl-d14
Concen: 0.324 ng
RT: 19.85 min Scan# 1509
Delta R.T. 0.00 min
Lab File: BE094090.D
Acq: 23 Sep 2017 22:34

Tgt Ion:244 Resp: 8004

Ion	Ratio	Lower	Upper
244	100		
212	41.0	25.4	38.0#
122	14.7	8.1	12.1#



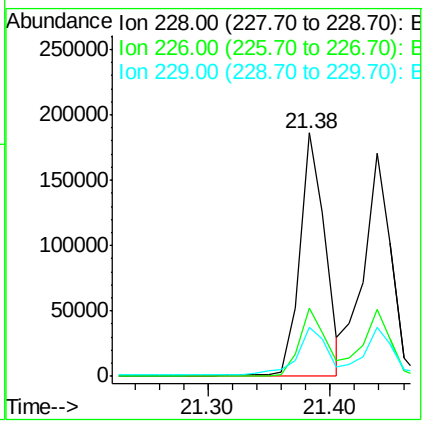


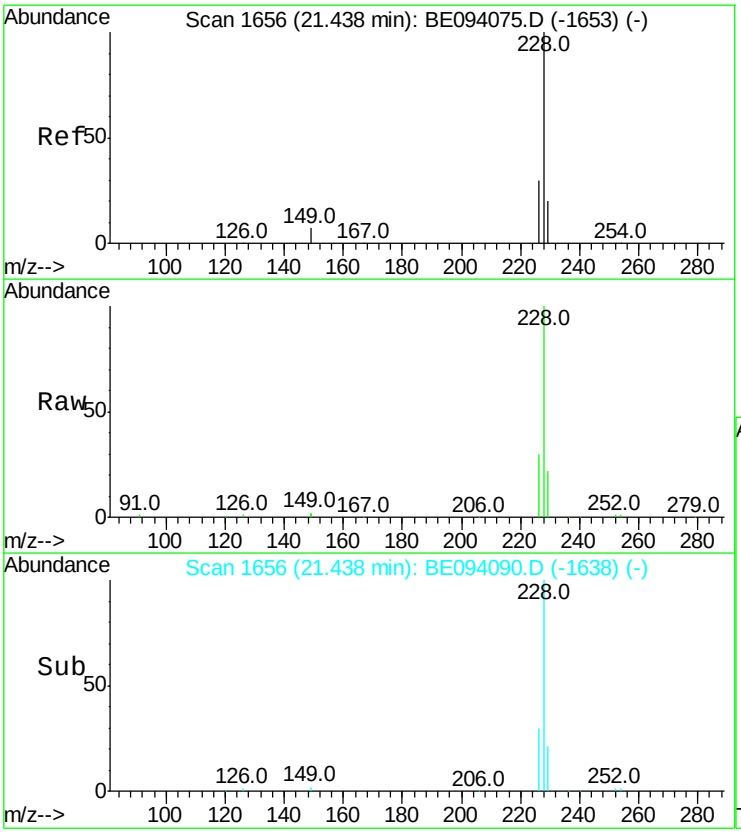
#30
Benzo(a)anthracene
Concen: 5.019 ng
RT: 21.38 min Scan# 1651
Delta R.T. 0.00 min
Lab File: BE094090.D
Acq: 23 Sep 2017 22:34

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:228 Resp: 264971

Ion	Ratio	Lower	Upper
228	100		
226	28.1	21.4	32.0
229	20.3	16.4	24.6

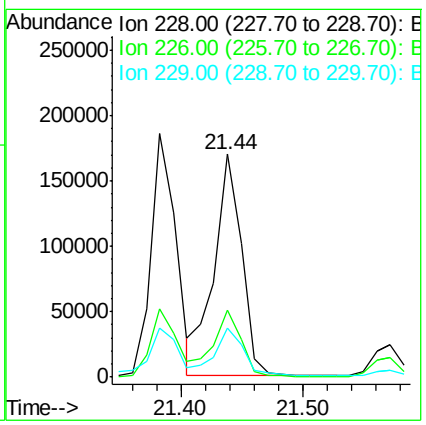


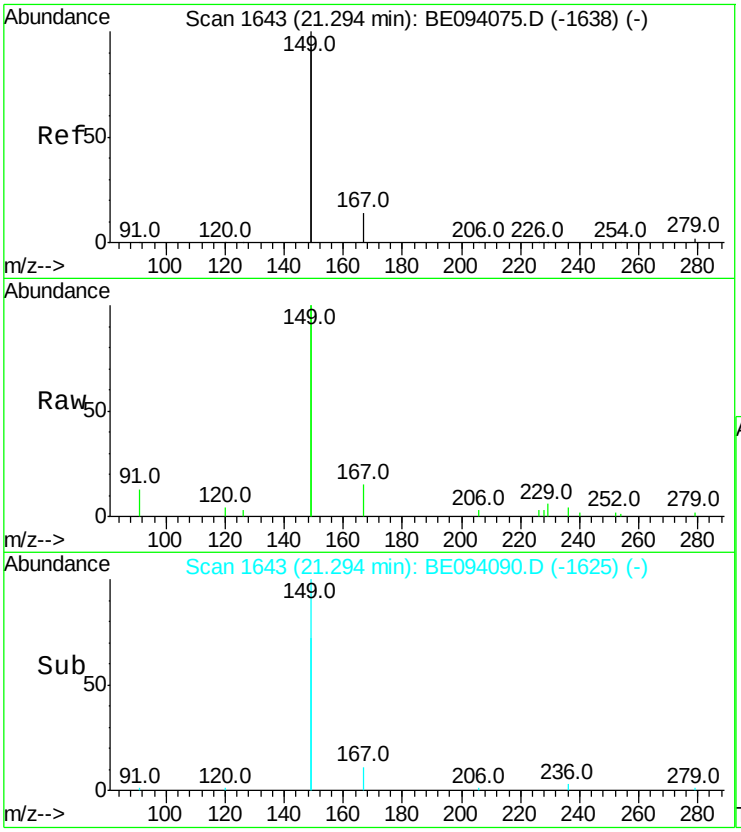


#31
Chrysene
Concen: 5.120 ng
RT: 21.44 min Scan# 1656
Delta R.T. 0.00 min
Lab File: BE094090.D
Acq: 23 Sep 2017 22:34

Tgt Ion:228 Resp: 264947

Ion	Ratio	Lower	Upper
228	100		
226	30.3	23.6	35.4
229	21.8	16.4	24.6



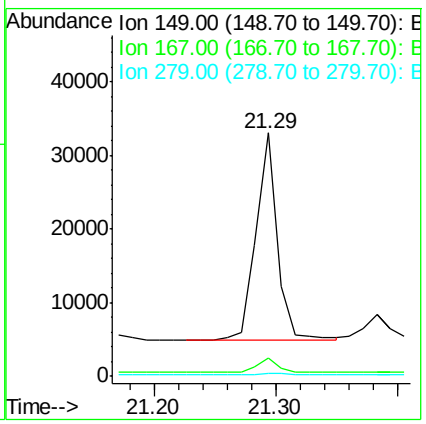


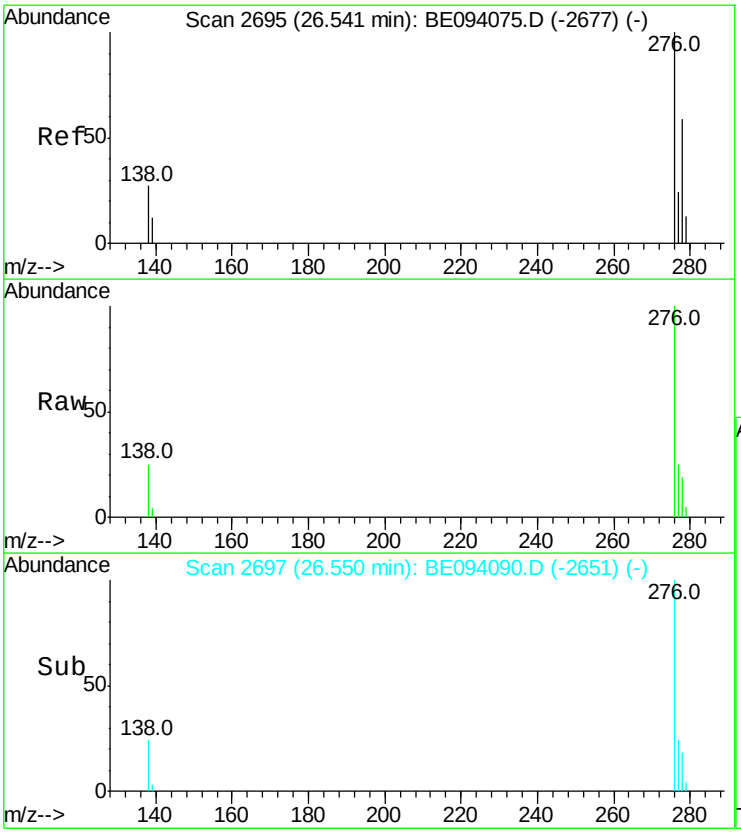
#32
Bis(2-ethylhexyl)phthalate
Concen: 0.246 ng
RT: 21.29 min Scan# 1643
Delta R.T. 0.00 min
Lab File: BE094090.D
Acq: 23 Sep 2017 22:34

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:149 Resp: 34856

Ion	Ratio	Lower	Upper
149	100		
167	6.8	5.4	8.0
279	0.8	0.7	1.1

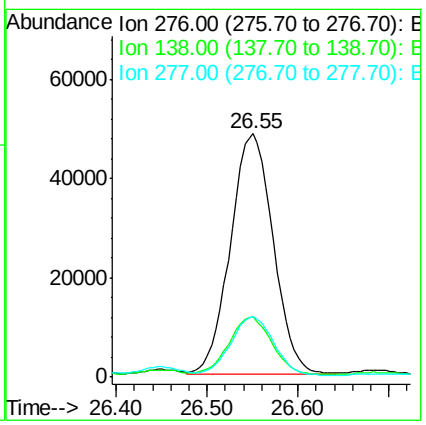


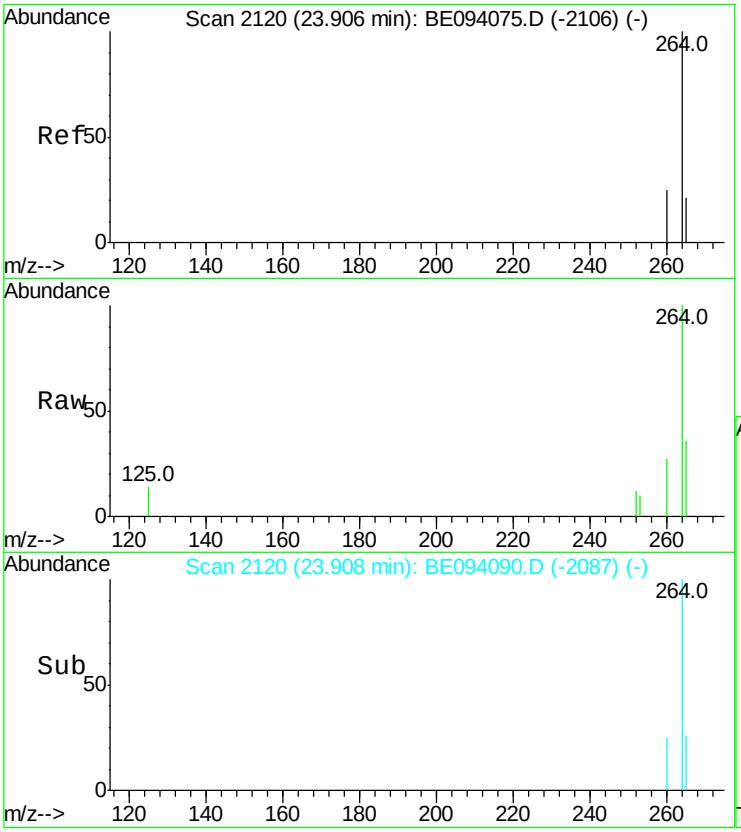


#33
Indeno(1,2,3-cd)pyrene
Concen: 3.941 ng
RT: 26.55 min Scan# 2697
Delta R.T. 0.01 min
Lab File: BE094090.D
Acq: 23 Sep 2017 22:34

Tgt Ion:276 Resp: 157646

Ion	Ratio	Lower	Upper
276	100		
138	24.1	22.5	33.7
277	24.5	19.9	29.9



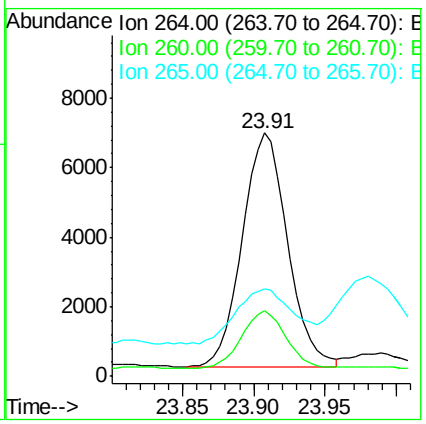


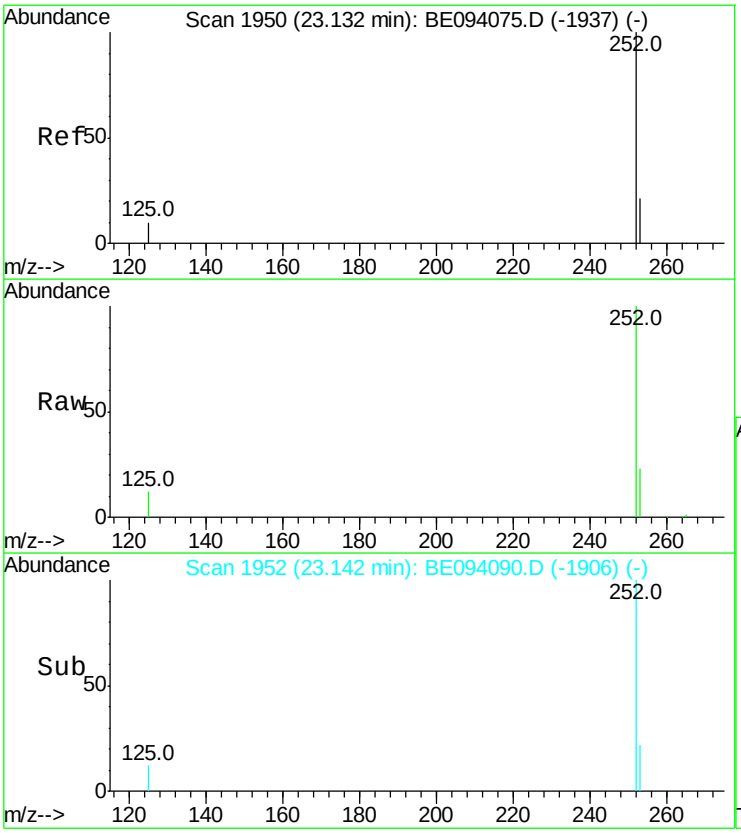
#34
Perylene-d12
Concen: 0.400 ng
RT: 23.91 min Scan# 2120
Delta R.T. 0.00 min
Lab File: BE094090.D
Acq: 23 Sep 2017 22:34

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:264 Resp: 15015

Ion	Ratio	Lower	Upper
264	100		
260	27.1	20.5	30.7
265	36.0	22.8	34.2#

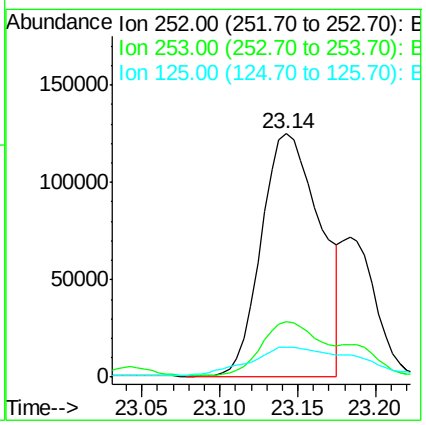


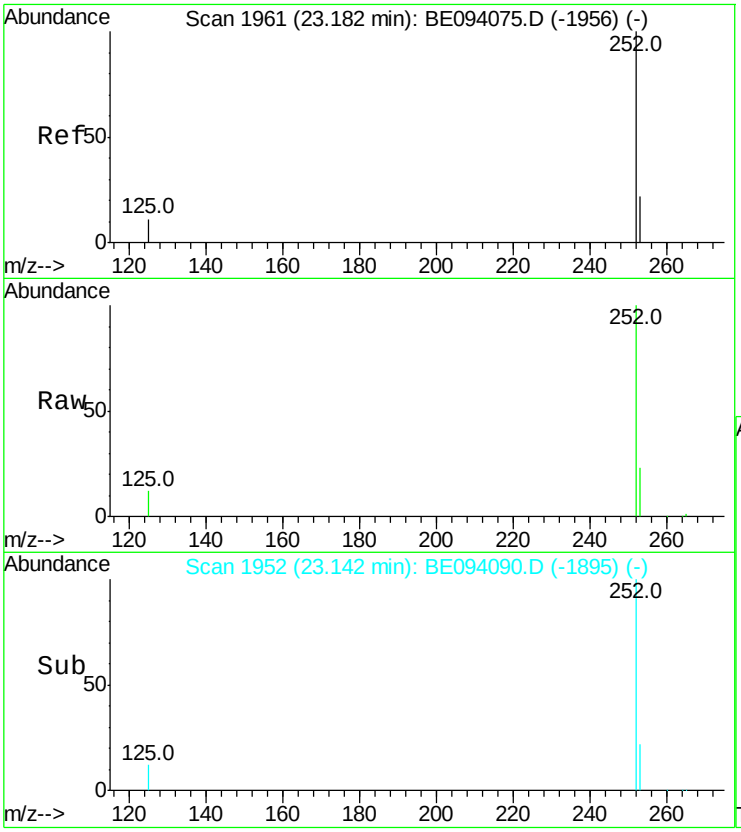


#35
Benzo(b)fluoranthene
Concen: 6.009 ng
RT: 23.14 min Scan# 1952
Delta R.T. 0.01 min
Lab File: BE094090.D
Acq: 23 Sep 2017 22:34

Tgt Ion:252 Resp: 326558

Ion	Ratio	Lower	Upper
252	100		
253	22.9	18.2	27.2
125	12.3	10.1	15.1



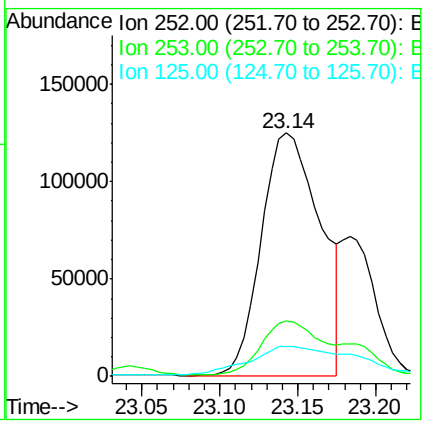


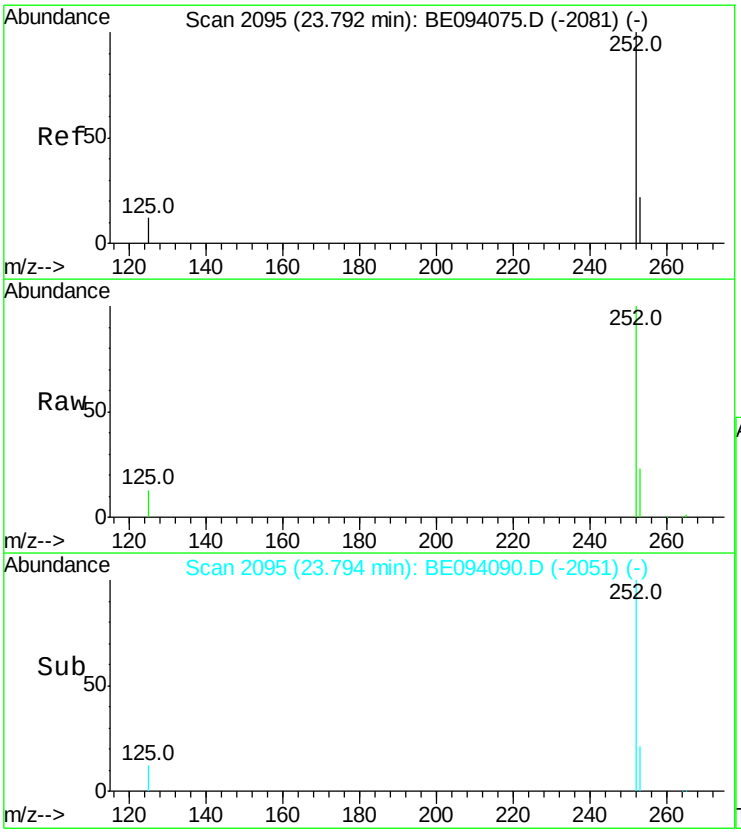
#36
Benzo(k)fluoranthene
Concen: 5.989 ng
RT: 23.14 min Scan# 1952
Delta R.T. -0.04 min
Lab File: BE094090.D
Acq: 23 Sep 2017 22:34

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:252 Resp: 326558

Ion	Ratio	Lower	Upper
252	100		
253	22.9	18.6	27.8
125	12.3	10.7	16.1

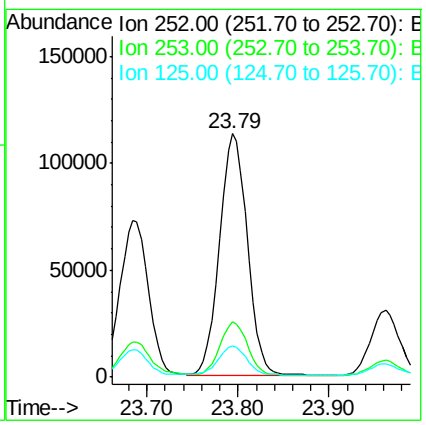


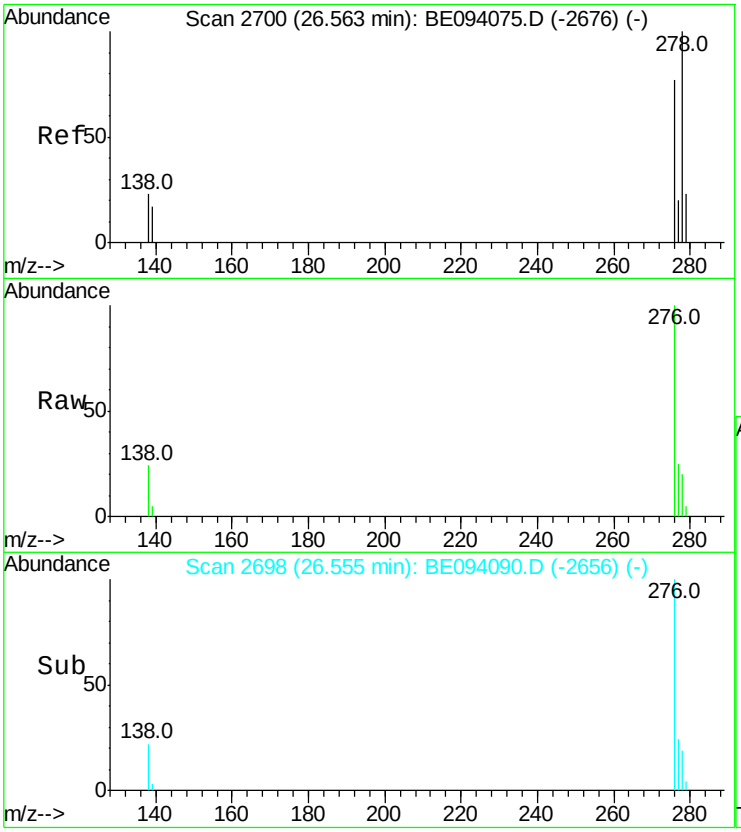


#37
Benzo(a)pyrene
Concen: 4.891 ng
RT: 23.79 min Scan# 2095
Delta R.T. 0.00 min
Lab File: BE094090.D
Acq: 23 Sep 2017 22:34

Tgt Ion:252 Resp: 238666

Ion	Ratio	Lower	Upper
252	100		
253	22.7	19.0	28.6
125	13.0	11.8	17.8



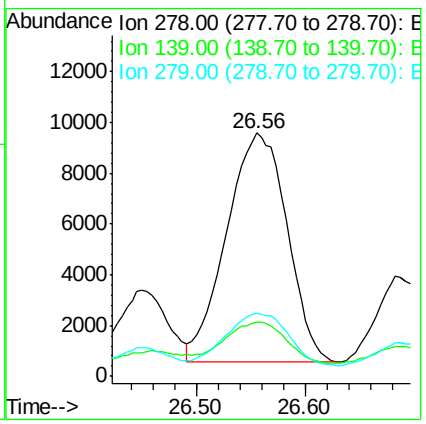


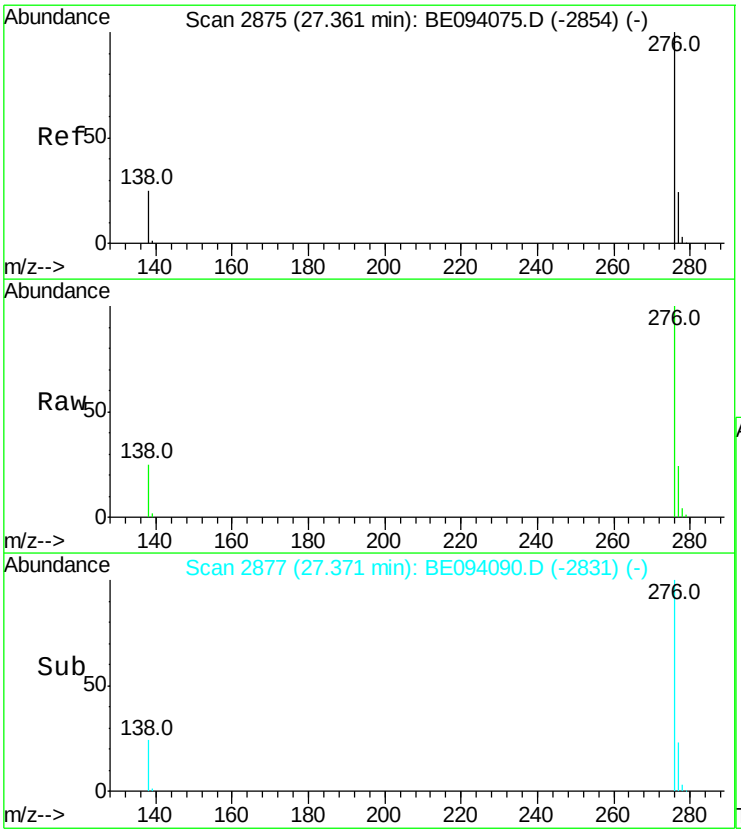
#38
Dibenzo(a,h)anthracene
Concen: 0.889 ng
RT: 26.56 min Scan# 2698
Delta R.T. -0.01 min
Lab File: BE094090.D
Acq: 23 Sep 2017 22:34

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:278 Resp: 34740

Ion	Ratio	Lower	Upper
278	100		
139	22.4	16.3	24.5
279	26.1	19.9	29.9





#39
Benzo(g,h,i)perylene
Concen: 4.083 ng
RT: 27.37 min Scan# 2877
Delta R.T. 0.01 min
Lab File: BE094090.D
Acq: 23 Sep 2017 22:34

Tgt Ion:276 Resp: 159459

Ion	Ratio	Lower	Upper
276	100		
277	24.2	20.8	31.2
138	25.3	21.5	32.3