Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA E\DATA\BE092317\
Data File : BE094089.D
Acq On : 23 Sep 2017 21:58
Operator : SJ/JU
Sample : I5340-06
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument : BNA_E
ClientSampleId :

Quant Time: Sep 25 08:47:51 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	7.91	152	1786	0.40	ng		0.00
7) Naphthalene-d8	10.69	136	10575	0.40	ng		0.00
13) Acenaphthene-d10	14.51	164	7253	0.40	ng		0.00
19) Phenanthrene-d10	17.24	188	25142	0.40	ng		0.00
27) Chrysene-d12	21.40	240	15525	0.40	ng		0.00
34) Perylene-d12	23.91	264	14245	0.40	ng		0.00
System Monitoring Compounds							
4) 2-Fluorophenol	5.50	112	3079	0.28	ng		0.00
5) Phenol-d6	7.09	99	4846	0.46	ng		0.00
8) Nitrobenzene-d5	9.06	82	3968	0.42	ng		0.00
11) 2-Methylnaphthalene-d10	12.27	152	7704	0.43	ng		0.00
14) 2,4,6-Tribromophenol	16.00	330	2583	0.47	ng		0.00
15) 2-Fluorobiphenyl	13.13	172	10172	0.43	ng		0.00
25) Fluoranthene-d10	19.27	212	86802	0.27	ng		0.00
29) Terphenyl-d14	19.85	244	13097	0.54	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.55	88	12	Below Cal		#	16
3) n-Nitrosodimethylamine	3.65	42	942	0.189	ng	#	1
6) bis(2-Chloroethyl)ether	7.34	93	3435	0.435	ng	#	1
9) Naphthalene	10.74	128	5586	Below Cal		#	95
12) 2-Methylnaphthalene	12.35	142	764	0.036	ng	#	94
16) Acenaphthylene	14.23	152	5662	0.155	ng		99
17) Acenaphthene	14.57	154	936	0.039	ng		93
18) Fluorene	15.56	166	2042	0.057	ng	#	85
22) Pentachlorophenol	16.91	266	86	0.025	ng		97
23) Phenanthrene	17.27	178	59845	0.665	ng		97
24) Anthracene	17.37	178	8681	0.125	ng	#	93
26) Fluoranthene	19.30	202	121946	1.262	ng		98
28) Pyrene	19.65	202	116404	2.710	ng	#	95
30) Benzo(a)anthracene	21.38	228	46864	0.901	ng		97
31) Chrysene	21.44	228	56260	1.104	ng		97
32) Bis(2-ethylhexyl)phthalate	21.29	149	35939	0.257	ng		98
33) Indeno(1,2,3-cd)pyrene	26.55	276	31692	0.805	ng		97
35) Benzo(b)fluoranthene	23.14	252	70265	1.363	ng		96
36) Benzo(k)fluoranthene	23.14	252	70265	1.358	ng		97
37) Benzo(a)pyrene	23.79	252	46311	1.000	ng		98
38) Dibenzo(a,h)anthracene	26.56	278	7917	0.214	ng	#	73
39) Benzo(g,h,i)perylene	27.37	276	32631	0.881	ng		99

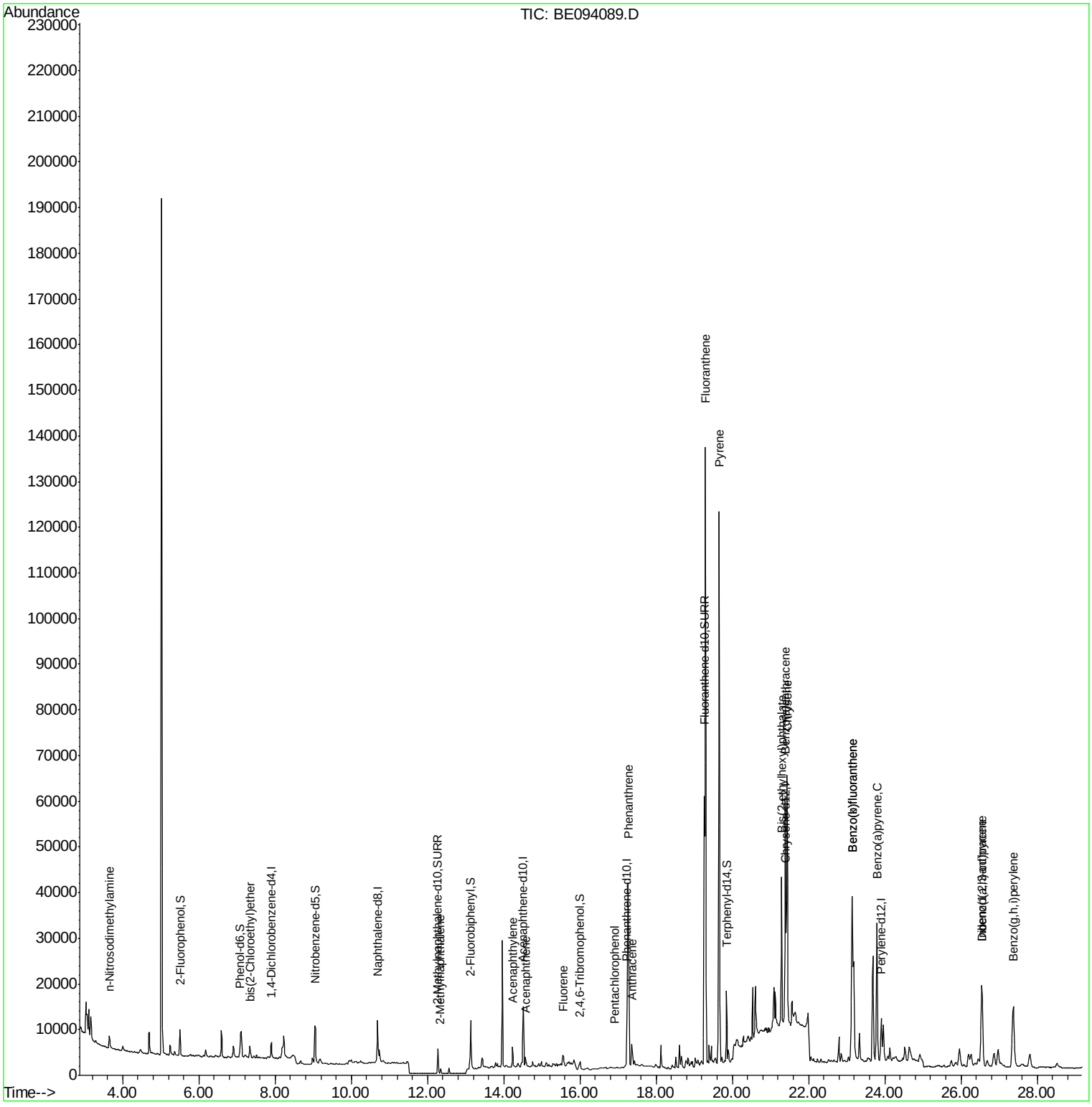
(#) = qualifier out of range (m) = manual integration (+) = signals summed

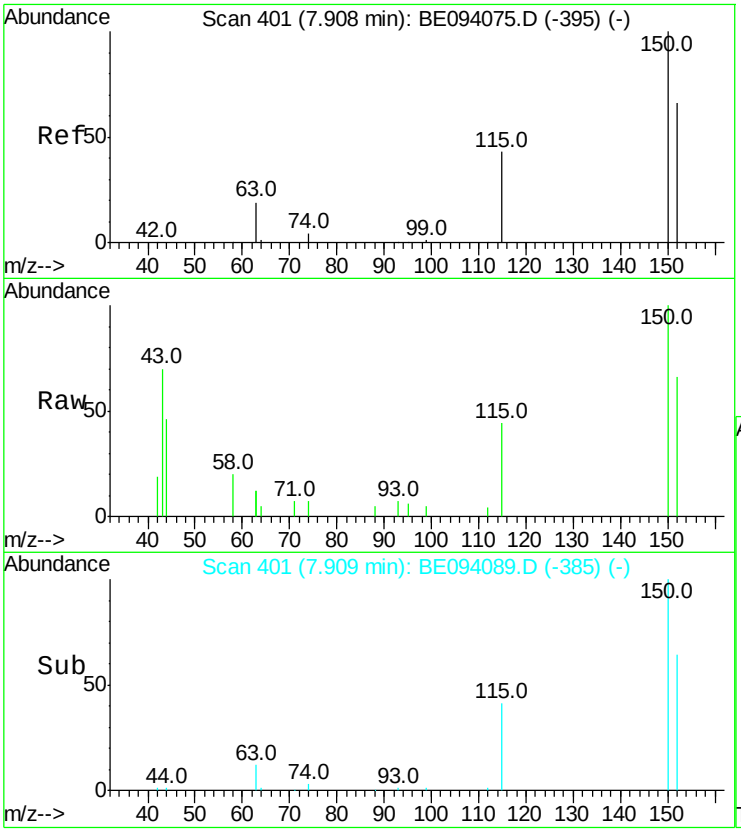
Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA E\DATA\BE092317\
Data File : BE094089.D
Acq On : 23 Sep 2017 21:58
Operator : SJ/JU
Sample : I5340-06
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument :
BNA_E
ClientSampleId :

Quant Time: Sep 25 08:47:51 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



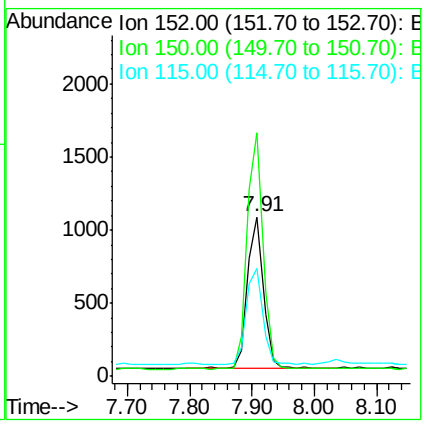


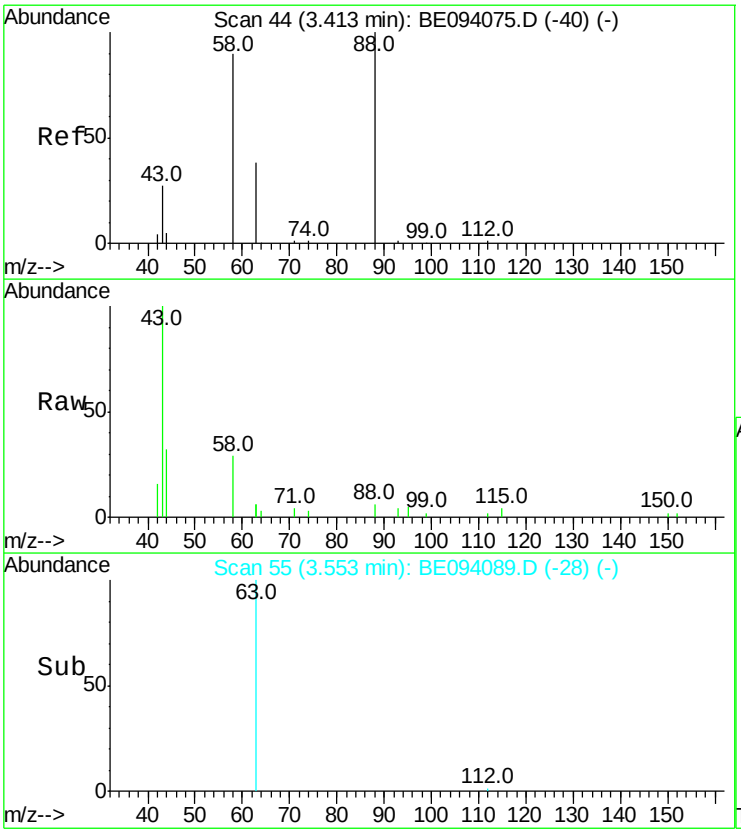
#1
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.91 min Scan# 401
Delta R.T. 0.00 min
Lab File: BE094089.D
Acq: 23 Sep 2017 21:58

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:152 Resp: 1786

Ion	Ratio	Lower	Upper
152	100		
150	152.6	117.2	175.8
115	67.6	57.0	85.6

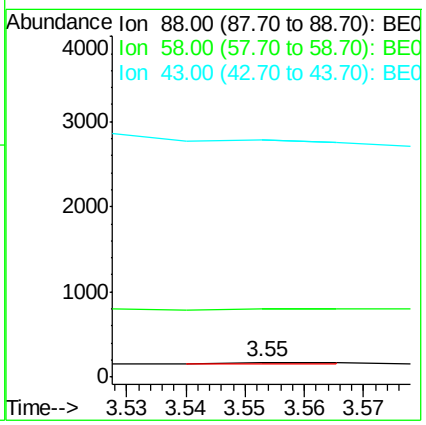


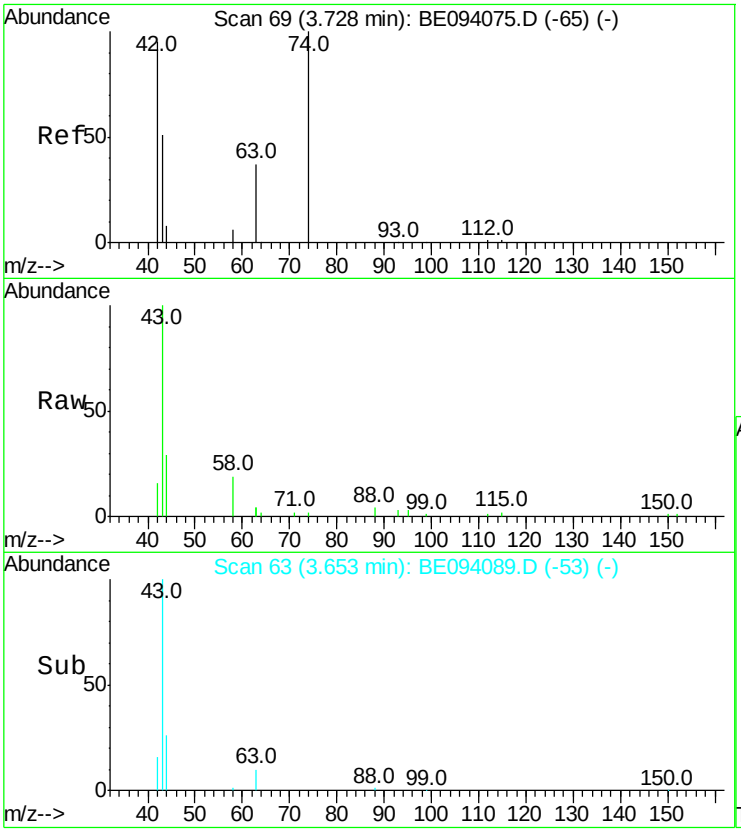


#2
1,4-Dioxane
Concen: Below Cal
RT: 3.55 min Scan# 55
Delta R.T. 0.14 min
Lab File: BE094089.D
Acq: 23 Sep 2017 21:58

Tgt Ion: 88 Resp: 12

Ion	Ratio	Lower	Upper
88	100		
58	0.0	63.2	94.8#
43	0.0	41.2	61.8#



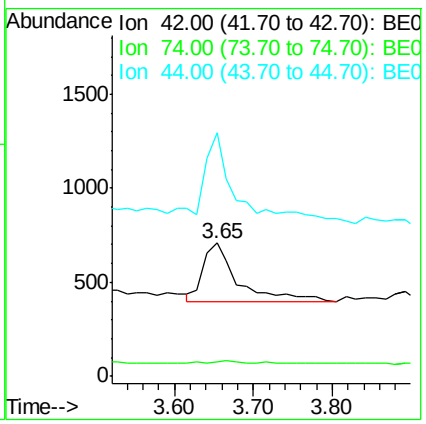


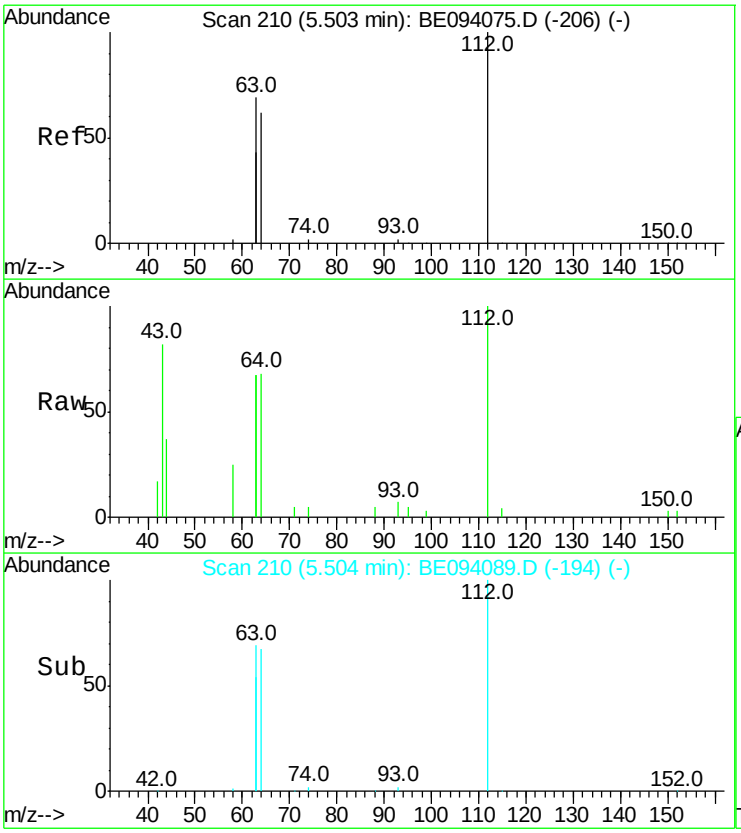
#3
n-Nitrosodimethylamine
Concen: 0.189 ng
RT: 3.65 min Scan# 63
Delta R.T. -0.07 min
Lab File: BE094089.D
Acq: 23 Sep 2017 21:58

Instrument :
BNA_E
ClientSampleId :

Tgt Ion: 42 Resp: 942

Ion	Ratio	Lower	Upper
42	100		
74	4.1	100.3	150.5#
44	142.5	17.0	25.4#

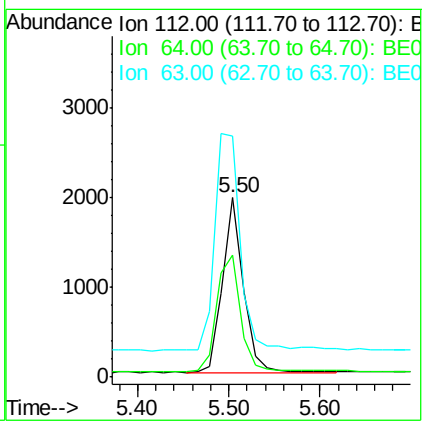


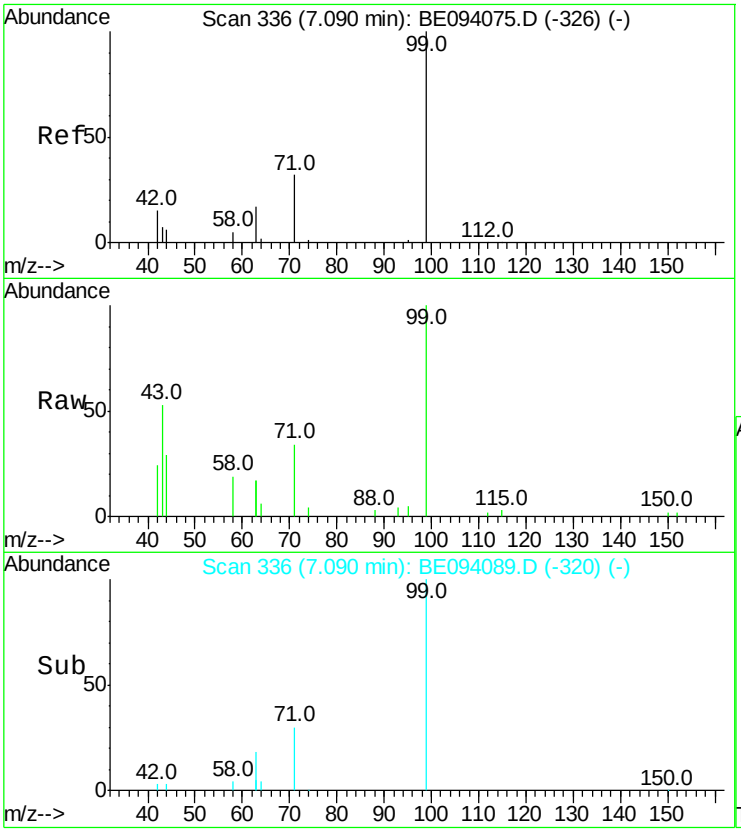


#4
2-Fluorophenol
Concen: 0.275 ng
RT: 5.50 min Scan# 210
Delta R.T. 0.00 min
Lab File: BE094089.D
Acq: 23 Sep 2017 21:58

Tgt Ion:112 Resp: 3079

Ion	Ratio	Lower	Upper
112	100		
64	76.3	60.1	90.1
63	157.3	116.8	175.2



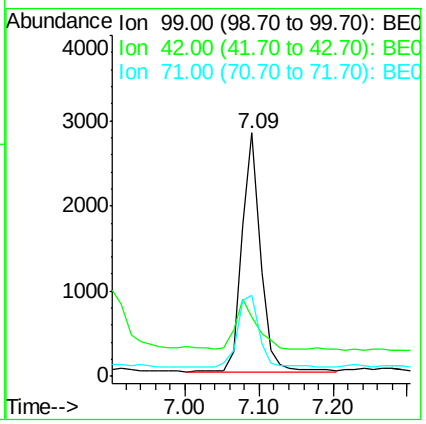


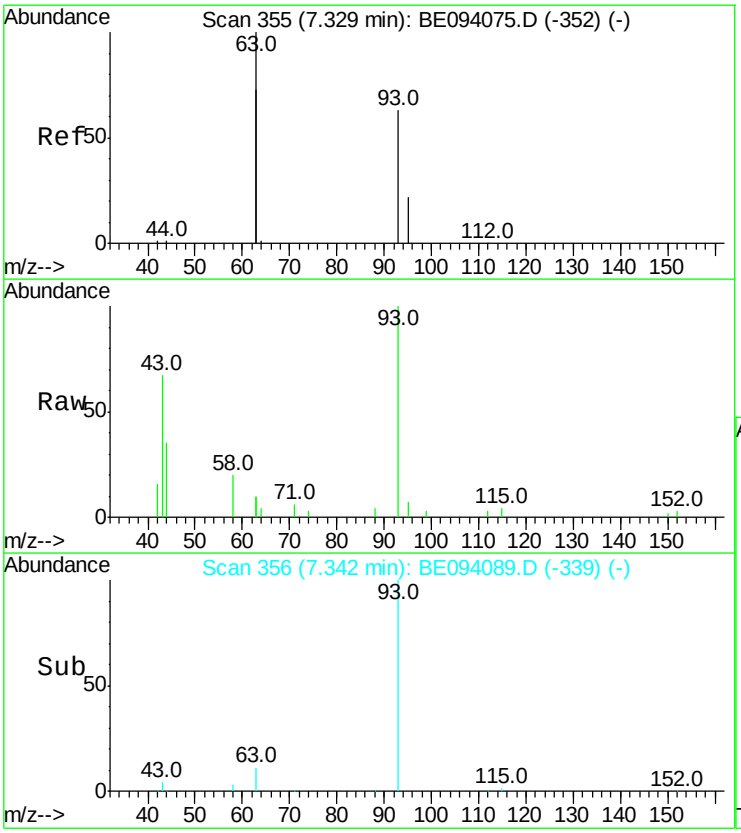
#5
Phenol-d6
Concen: 0.459 ng
RT: 7.09 min Scan# 336
Delta R.T. 0.00 min
Lab File: BE094089.D
Acq: 23 Sep 2017 21:58

Instrument :
BNA_E
ClientSampleId :

Tgt Ion: 99 Resp: 4846

Ion	Ratio	Lower	Upper
99	100		
42	24.9	20.2	30.2
71	36.3	28.4	42.6

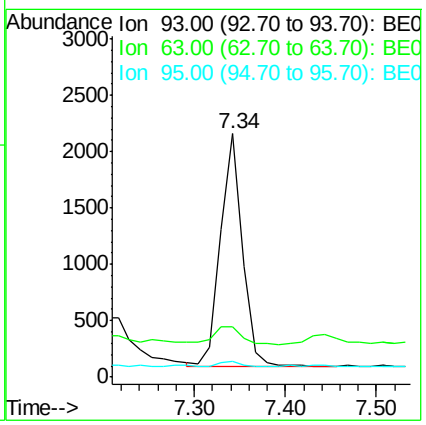


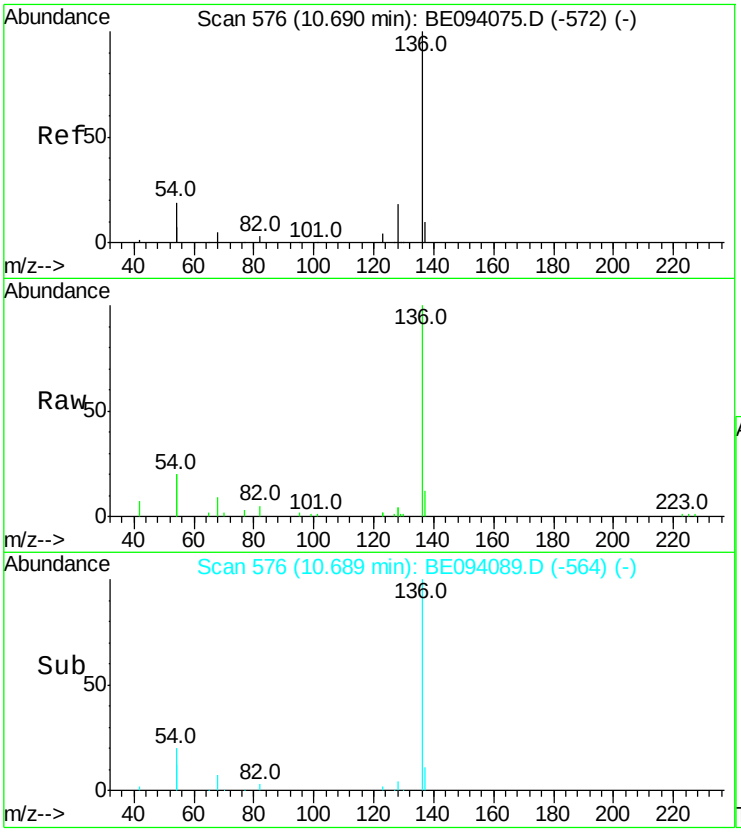


#6
bis(2-Chloroethyl)ether
Concen: 0.435 ng
RT: 7.34 min Scan# 356
Delta R.T. 0.01 min
Lab File: BE094089.D
Acq: 23 Sep 2017 21:58

Tgt Ion: 93 Resp: 3435

Ion	Ratio	Lower	Upper
93	100		
63	9.2	275.3	412.9#
95	3.2	25.2	37.8#



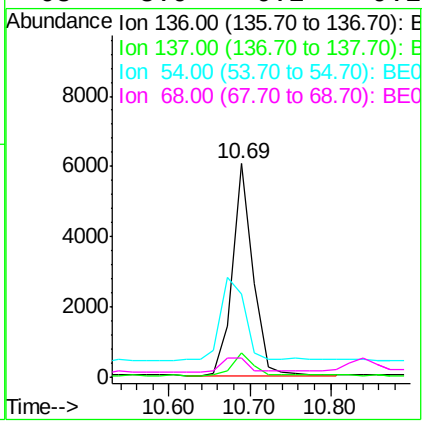


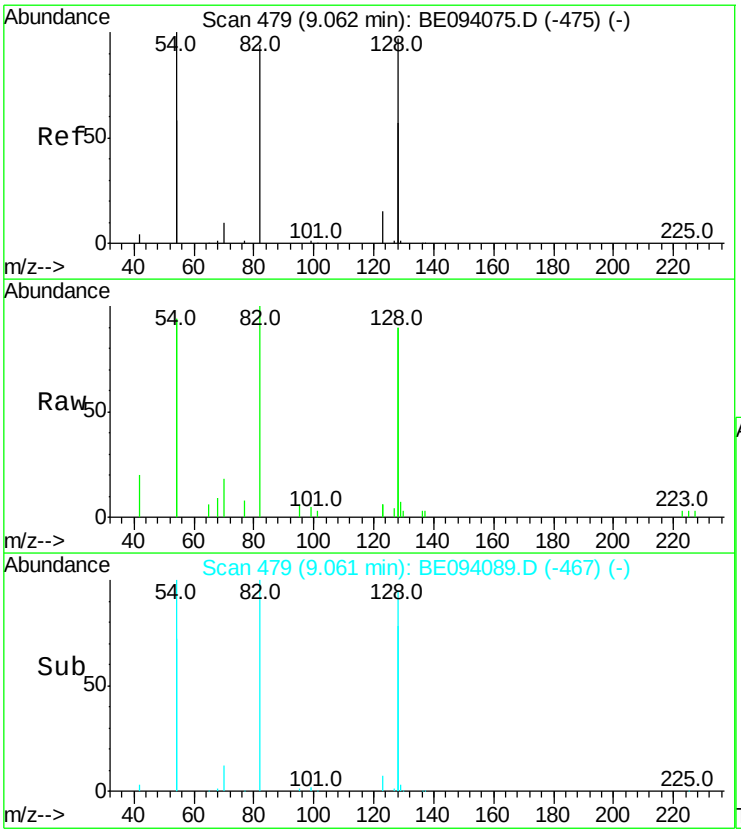
#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.69 min Scan# 576
Delta R.T. -0.00 min
Lab File: BE094089.D
Acq: 23 Sep 2017 21:58

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:136 Resp: 10575

Ion	Ratio	Lower	Upper
136	100		
137	11.6	9.5	14.3
54	39.0	29.1	43.7
68	8.9	6.2	9.2

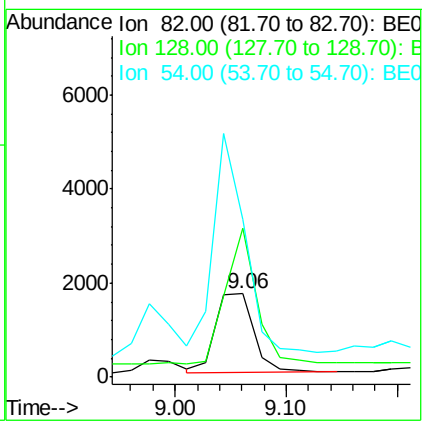


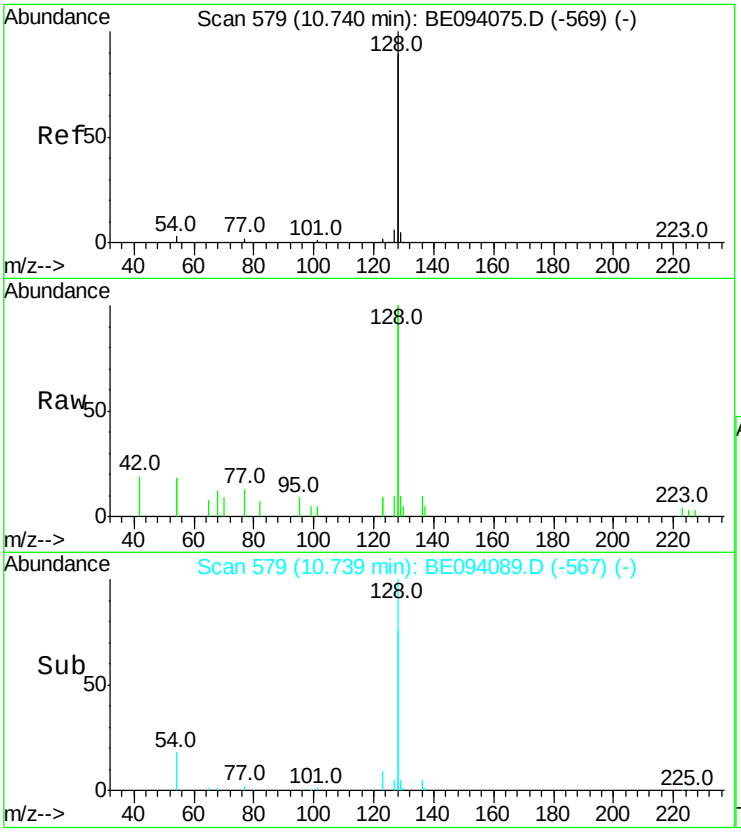


#8
Nitrobenzene-d5
Concen: 0.422 ng
RT: 9.06 min Scan# 479
Delta R.T. -0.00 min
Lab File: BE094089.D
Acq: 23 Sep 2017 21:58

Tgt Ion: 82 Resp: 3968

Ion	Ratio	Lower	Upper
82	100		
128	179.3	150.0	225.0
54	188.5	154.2	231.4



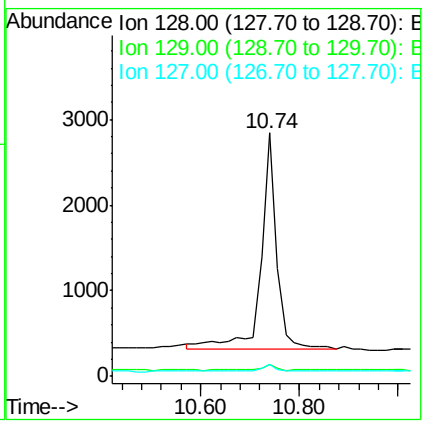


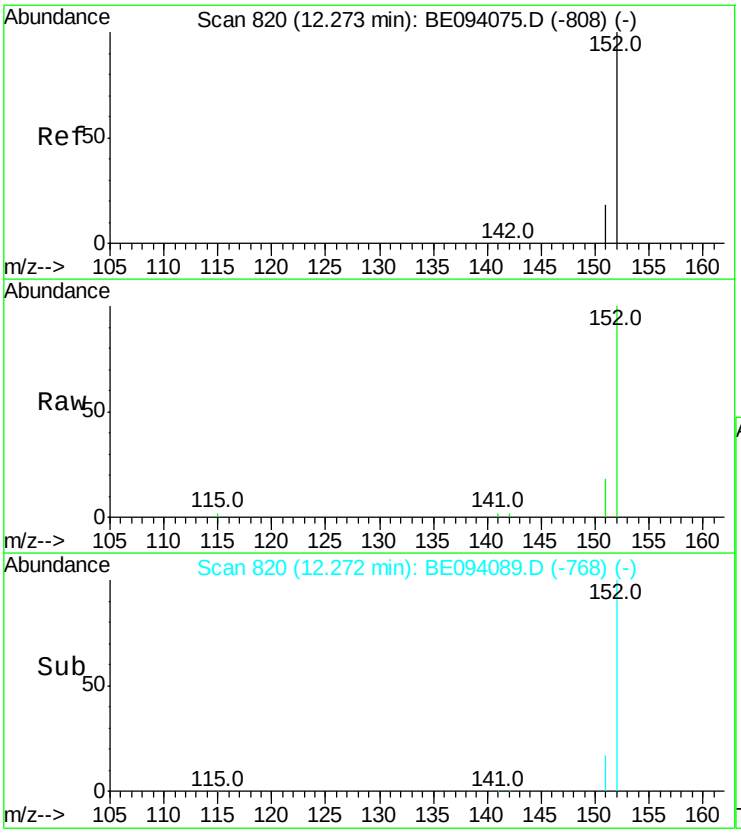
#9
Naphthalene
Concen: Below Cal
RT: 10.74 min Scan# 579
Delta R.T. -0.00 min
Lab File: BE094089.D
Acq: 23 Sep 2017 21:58

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:128 Resp: 5586

Ion	Ratio	Lower	Upper
128	100		
129	5.1	2.6	3.8#
127	4.9	2.8	4.2#

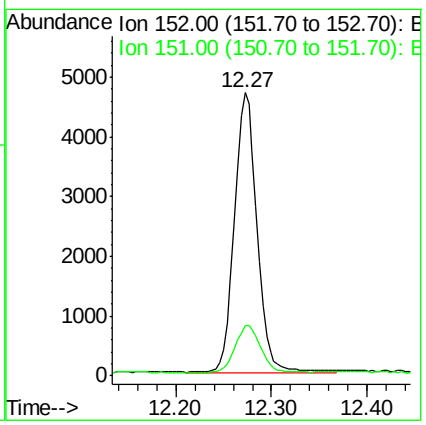


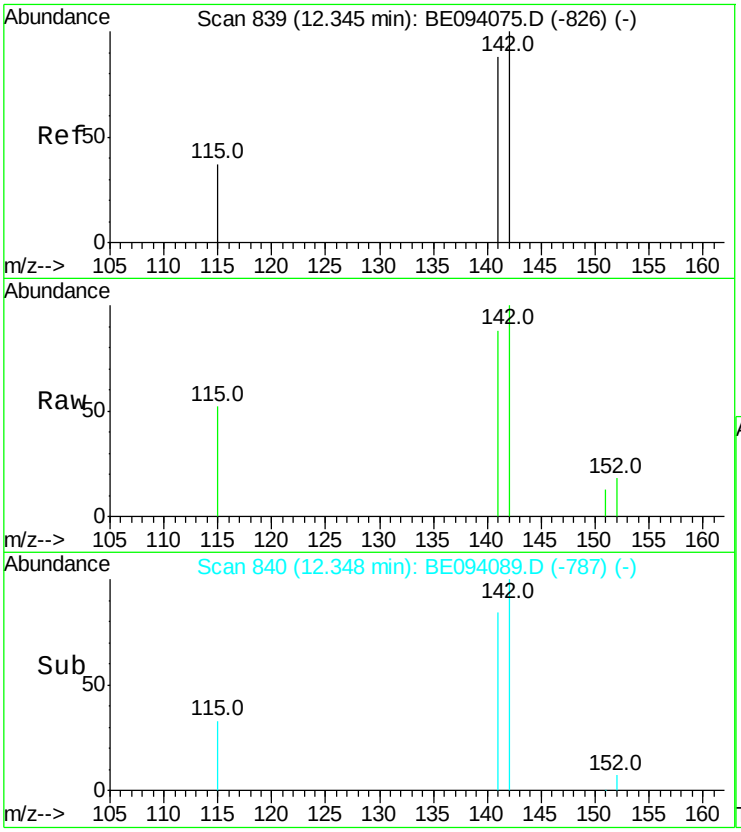


#11
2-Methylnaphthalene-d10
Concen: 0.430 ng
RT: 12.27 min Scan# 820
Delta R.T. -0.00 min
Lab File: BE094089.D
Acq: 23 Sep 2017 21:58

Tgt Ion:152 Resp: 7704

Ion	Ratio	Lower	Upper
152	100		
151	19.0	15.4	23.0



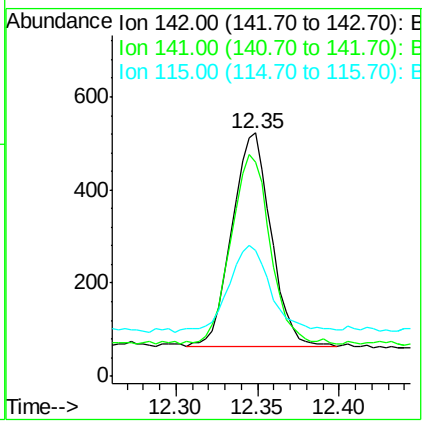


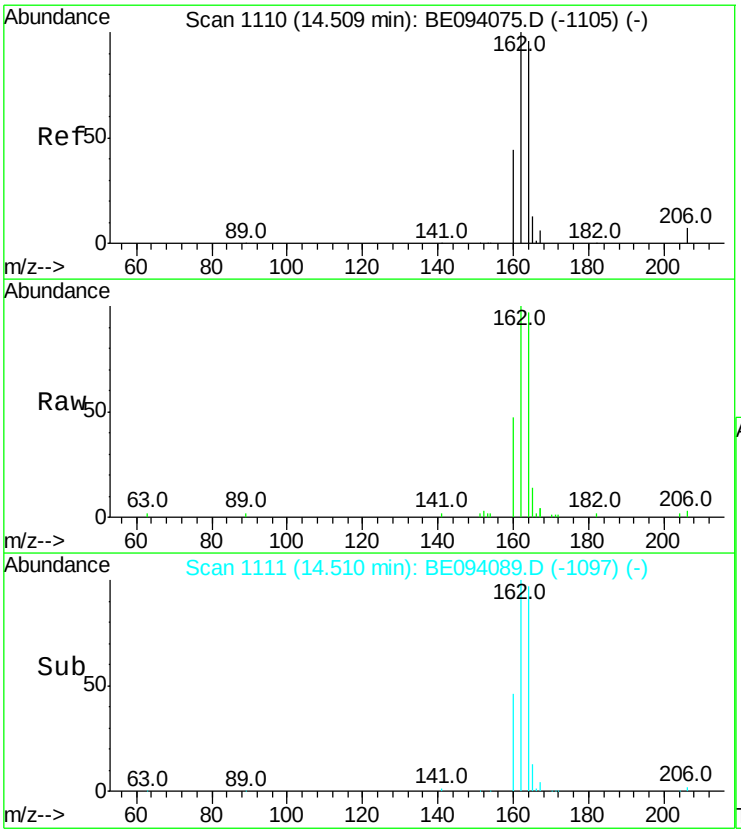
#12
2-Methylnaphthalene
Concen: 0.036 ng
RT: 12.35 min Scan# 840
Delta R.T. 0.00 min
Lab File: BE094089.D
Acq: 23 Sep 2017 21:58

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:142 Resp: 764

Ion	Ratio	Lower	Upper
142	100		
141	88.0	70.4	105.6
115	51.8	31.7	47.5#

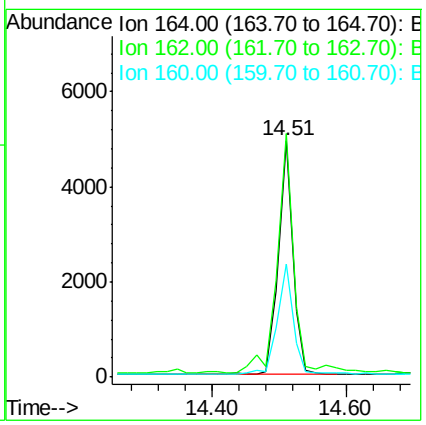


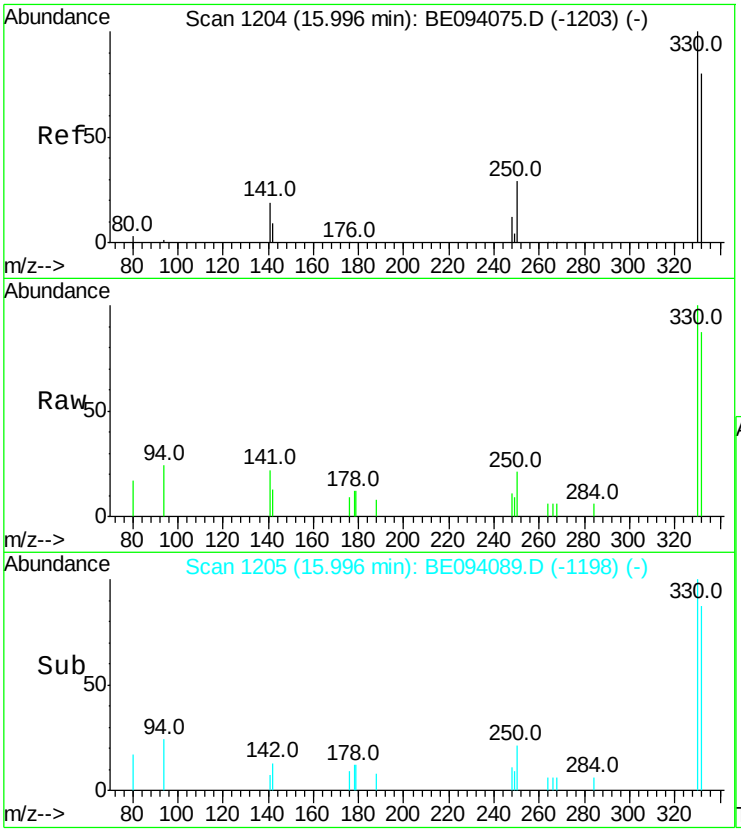


#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.51 min Scan# 1111
Delta R.T. 0.00 min
Lab File: BE094089.D
Acq: 23 Sep 2017 21:58

Tgt Ion:164 Resp: 7253

Ion	Ratio	Lower	Upper
164	100		
162	103.0	83.1	124.7
160	48.1	37.1	55.7



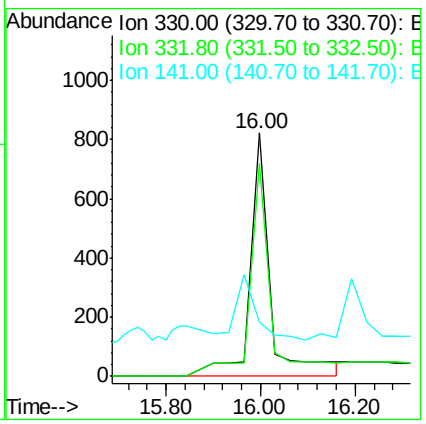


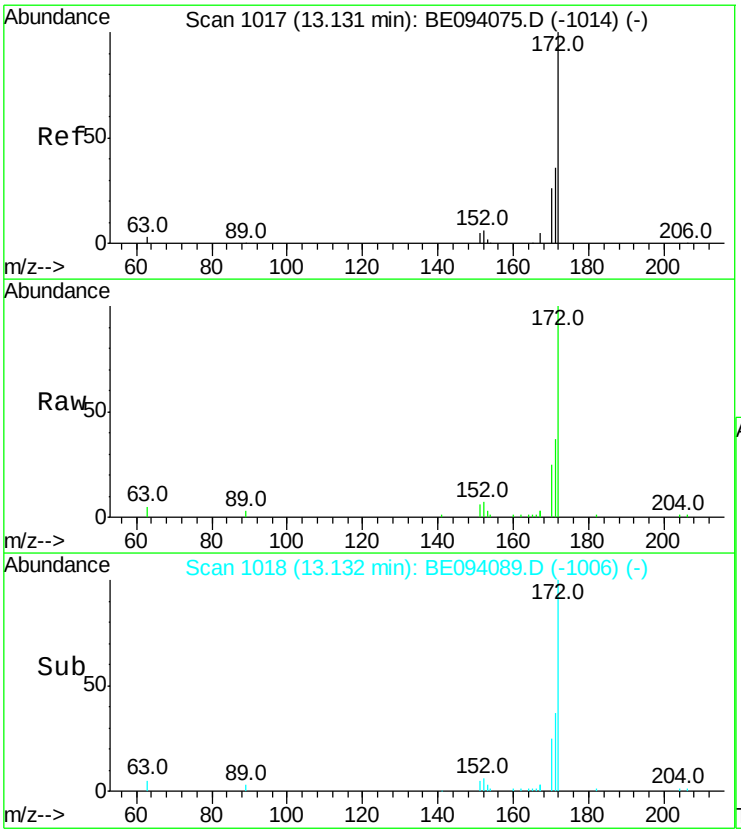
#14
2,4,6-Tribromophenol
Concen: 0.469 ng
RT: 16.00 min Scan# 1205
Delta R.T. 0.00 min
Lab File: BE094089.D
Acq: 23 Sep 2017 21:58

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:330 Resp: 2583

Ion	Ratio	Lower	Upper
330	100		
332	91.6	152.7	229.1#
141	0.0	33.7	50.5#

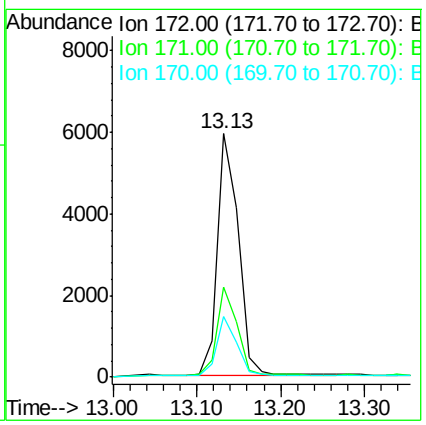


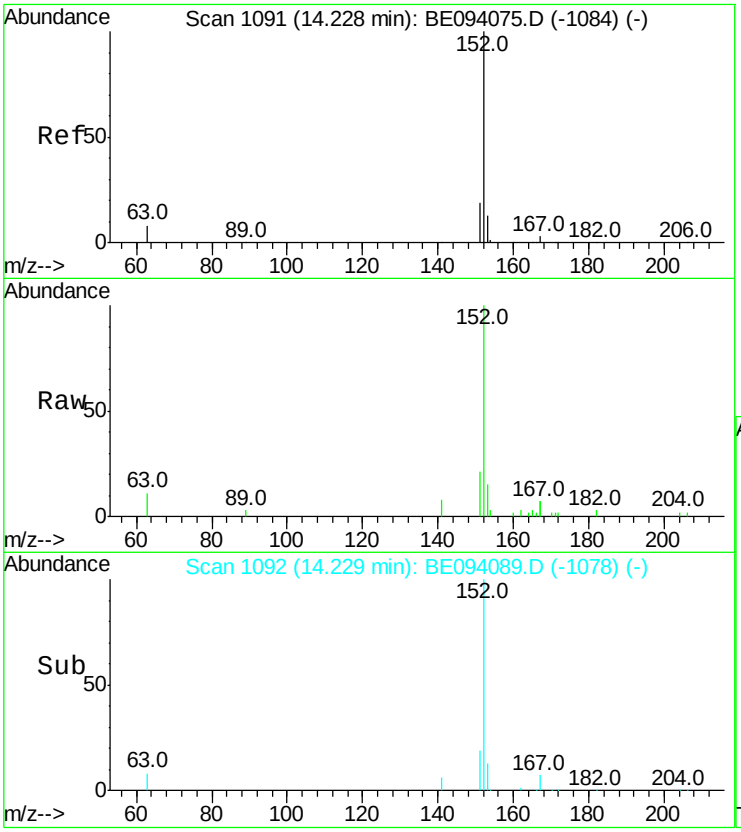


#15
2-Fluorobiphenyl
Concen: 0.427 ng
RT: 13.13 min Scan# 1018
Delta R.T. 0.00 min
Lab File: BE094089.D
Acq: 23 Sep 2017 21:58

Tgt Ion:172 Resp: 10172

Ion	Ratio	Lower	Upper
172	100		
171	36.7	29.9	44.9
170	25.1	21.8	32.8



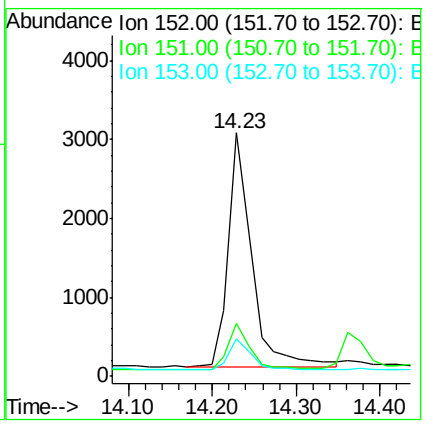


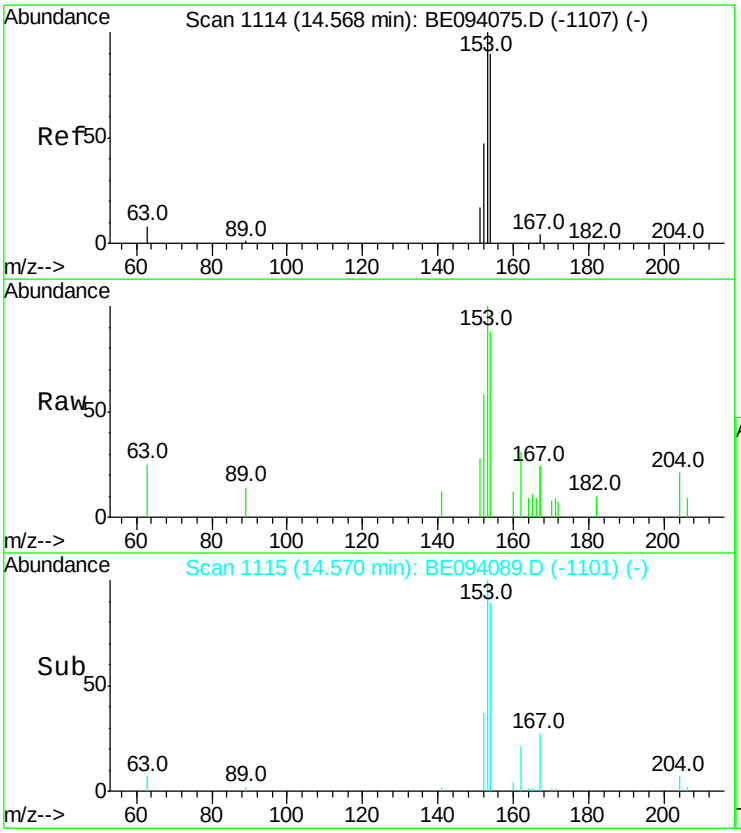
#16
Acenaphthylene
Concen: 0.155 ng
RT: 14.23 min Scan# 1092
Delta R.T. 0.00 min
Lab File: BE094089.D
Acq: 23 Sep 2017 21:58

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:152 Resp: 5662

Ion	Ratio	Lower	Upper
152	100		
151	19.3	15.7	23.5
153	13.5	10.5	15.7

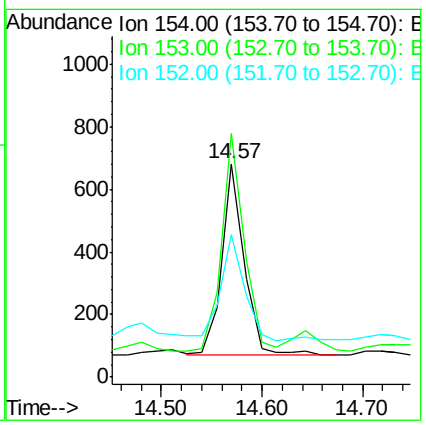


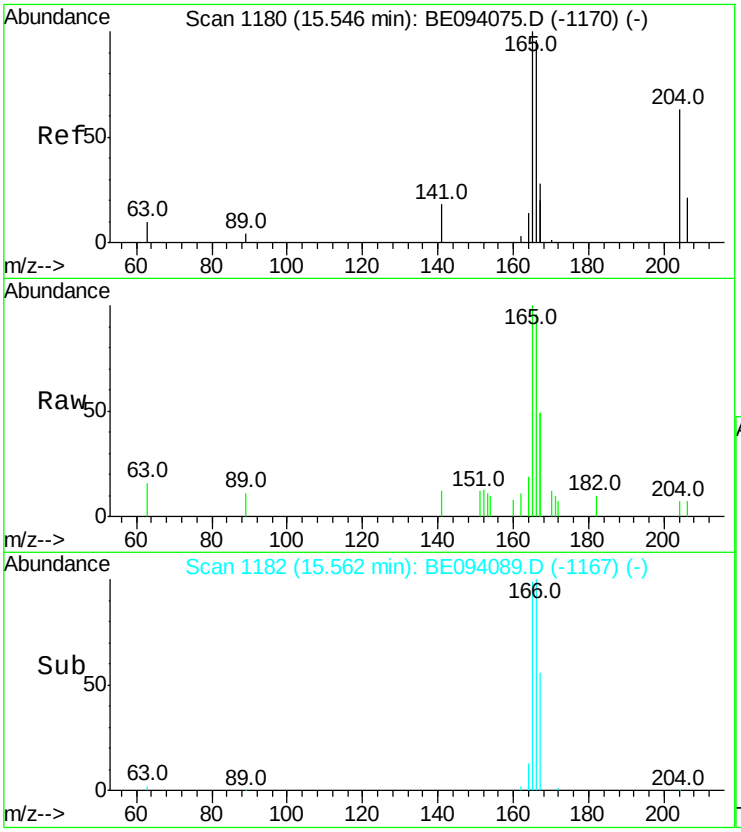


#17
Acenaphthene
Concen: 0.039 ng
RT: 14.57 min Scan# 1115
Delta R.T. 0.00 min
Lab File: BE094089.D
Acq: 23 Sep 2017 21:58

Tgt Ion:154 Resp: 936

Ion	Ratio	Lower	Upper
154	100		
153	115.8	89.2	133.8
152	60.9	42.0	63.0



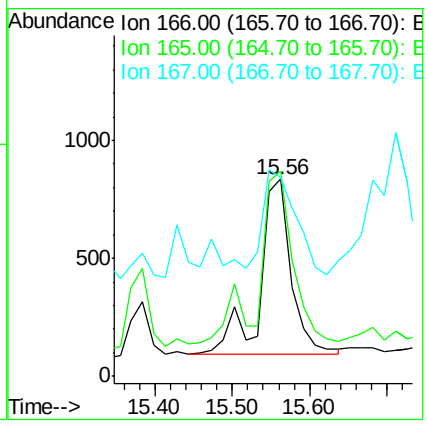


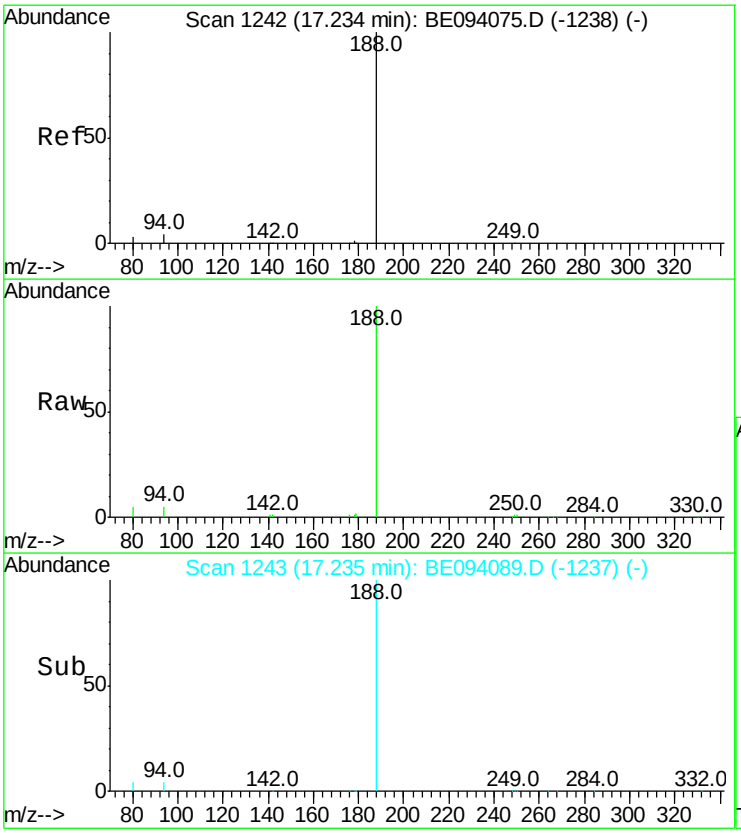
#18
Fluorene
Concen: 0.057 ng
RT: 15.56 min Scan# 1182
Delta R.T. 0.02 min
Lab File: BE094089.D
Acq: 23 Sep 2017 21:58

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:166 Resp: 2042

Ion	Ratio	Lower	Upper
166	100		
165	110.6	77.8	116.6
167	64.6	42.4	63.6#

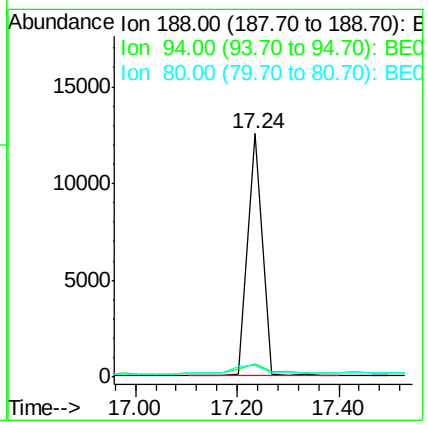


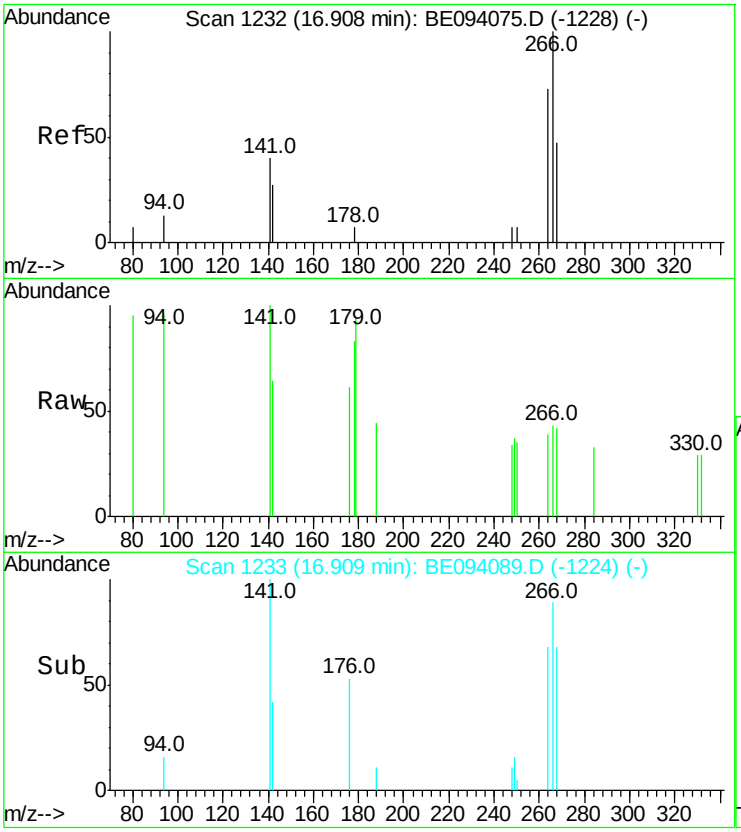


#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.24 min Scan# 1243
Delta R.T. 0.00 min
Lab File: BE094089.D
Acq: 23 Sep 2017 21:58

Tgt Ion:188 Resp: 25142

Ion	Ratio	Lower	Upper
188	100		
94	5.5	3.9	5.9
80	5.0	3.6	5.4



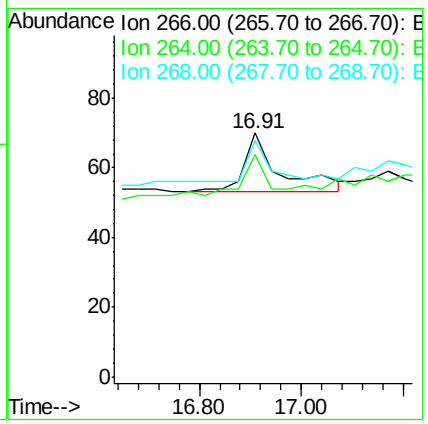


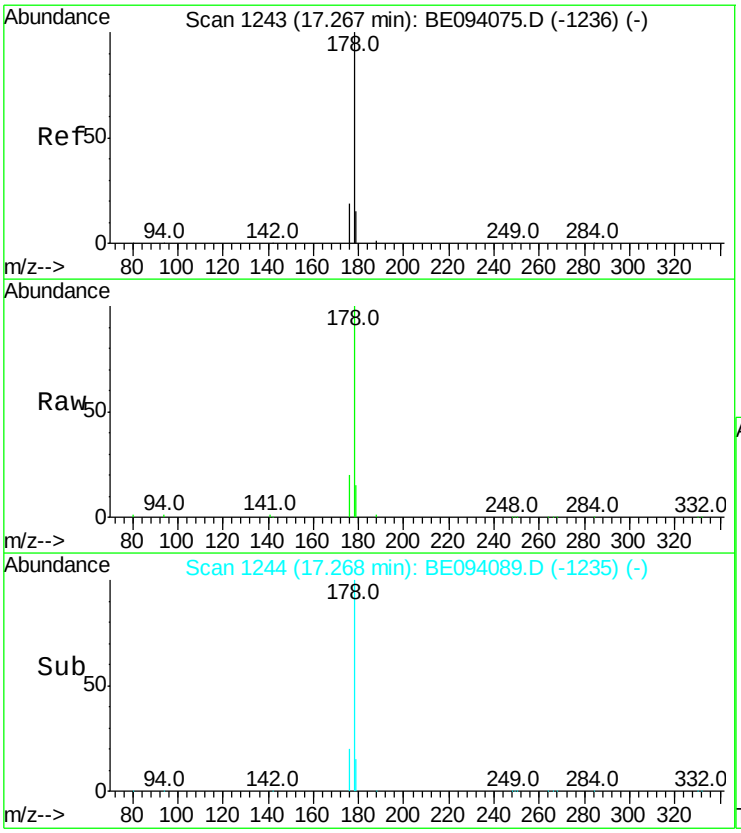
#22
Pentachlorophenol
Concen: 0.025 ng
RT: 16.91 min Scan# 1233
Delta R.T. 0.00 min
Lab File: BE094089.D
Acq: 23 Sep 2017 21:58

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:266 Resp: 86

Ion	Ratio	Lower	Upper
266	100		
264	91.4	72.5	108.7
268	97.1	73.8	110.6

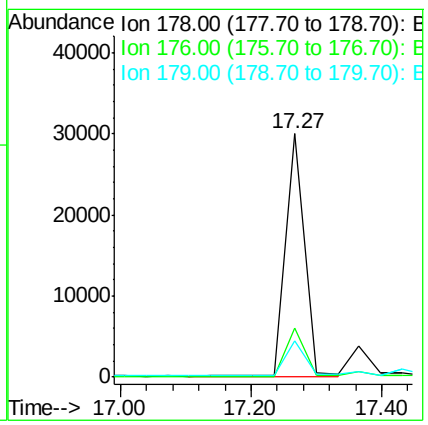


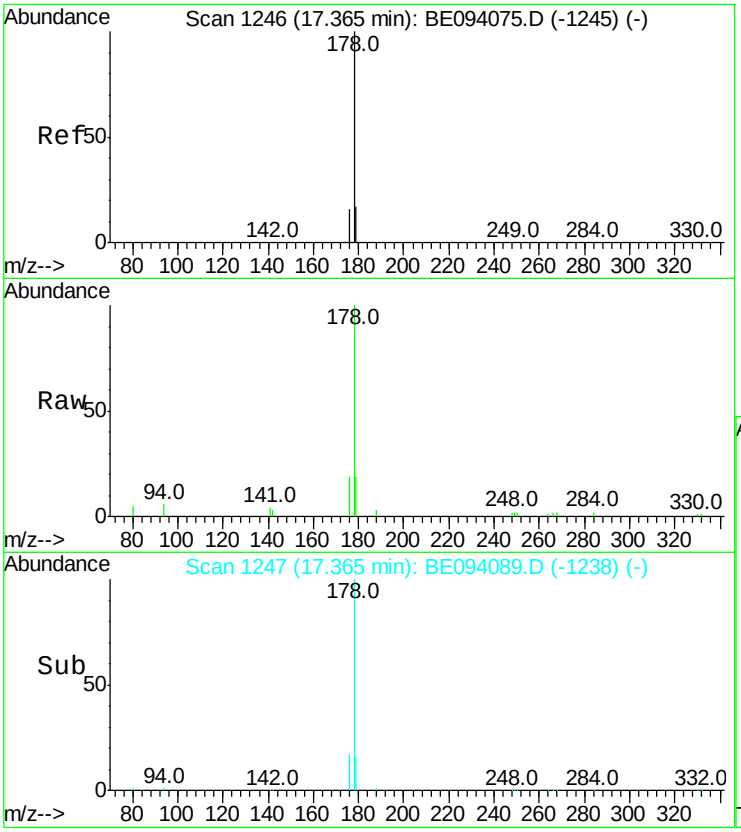


#23
Phenanthrene
Concen: 0.665 ng
RT: 17.27 min Scan# 1244
Delta R.T. 0.00 min
Lab File: BE094089.D
Acq: 23 Sep 2017 21:58

Tgt Ion:178 Resp: 59845

Ion	Ratio	Lower	Upper
178	100		
176	20.0	15.1	22.7
179	15.9	11.8	17.6



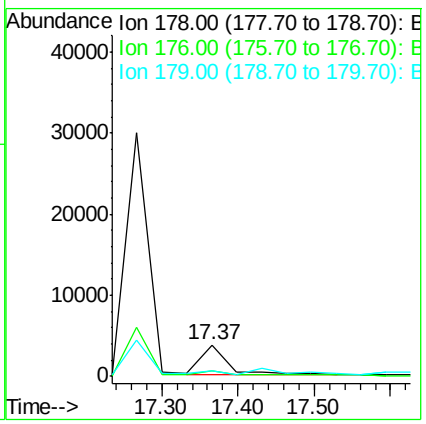


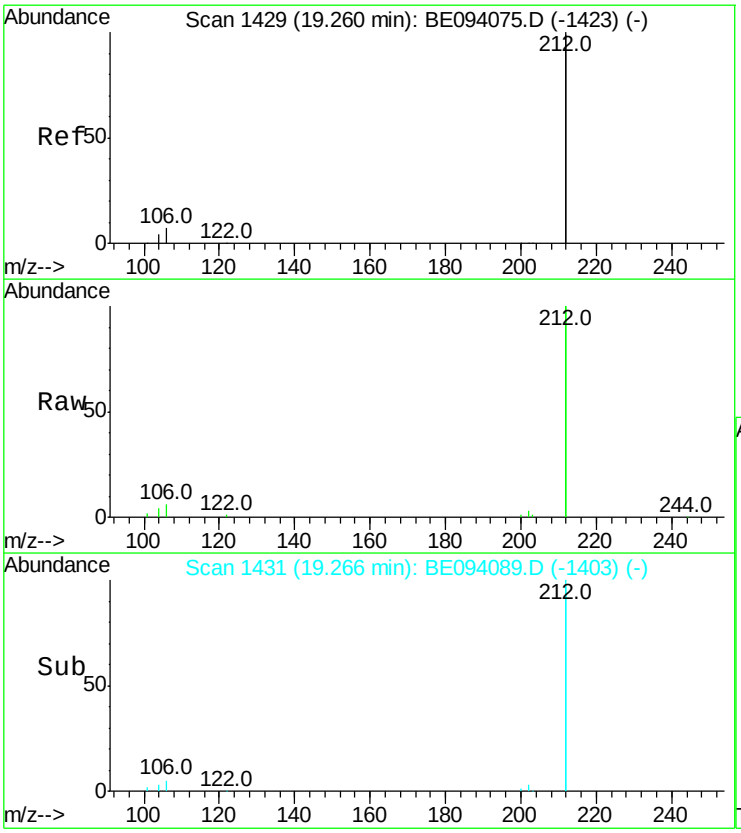
#24
Anthracene
Concen: 0.125 ng
RT: 17.37 min Scan# 1247
Delta R.T. 0.00 min
Lab File: BE094089.D
Acq: 23 Sep 2017 21:58

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:178 Resp: 8681

Ion	Ratio	Lower	Upper
178	100		
176	17.3	12.8	19.2
179	11.8	13.0	19.6#

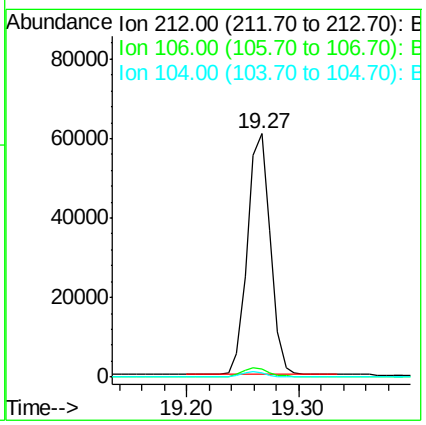


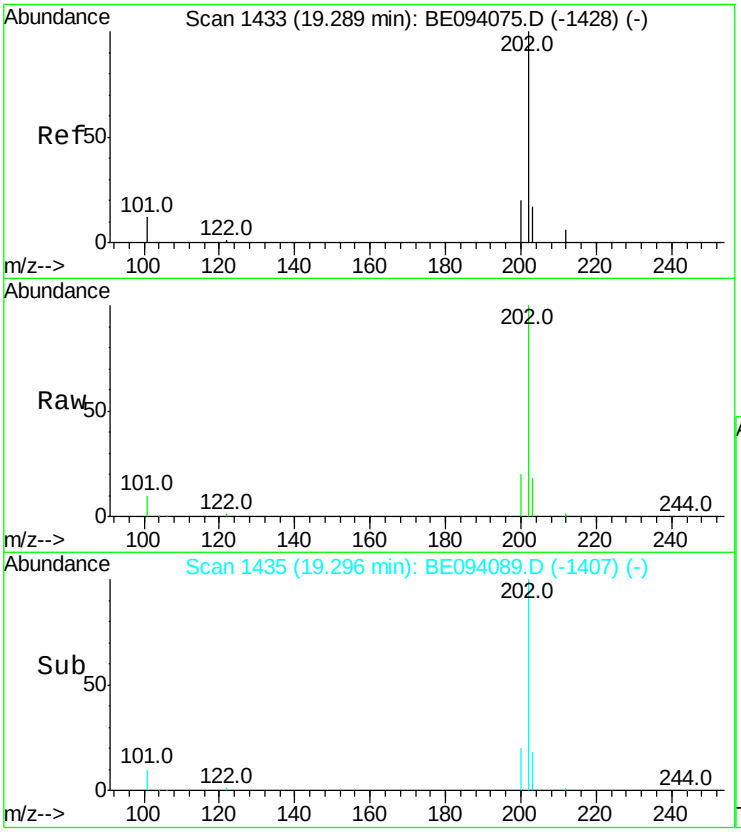


#25
Fluoranthene-d10
Concen: 0.269 ng
RT: 19.27 min Scan# 1431
Delta R.T. 0.01 min
Lab File: BE094089.D
Acq: 23 Sep 2017 21:58

Tgt Ion:212 Resp: 86802

Ion	Ratio	Lower	Upper
212	100		
106	3.8	2.8	4.2
104	2.1	1.6	2.4



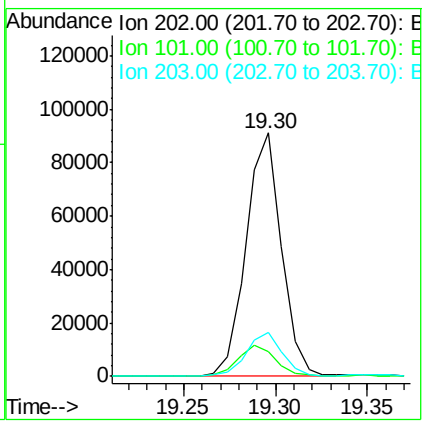


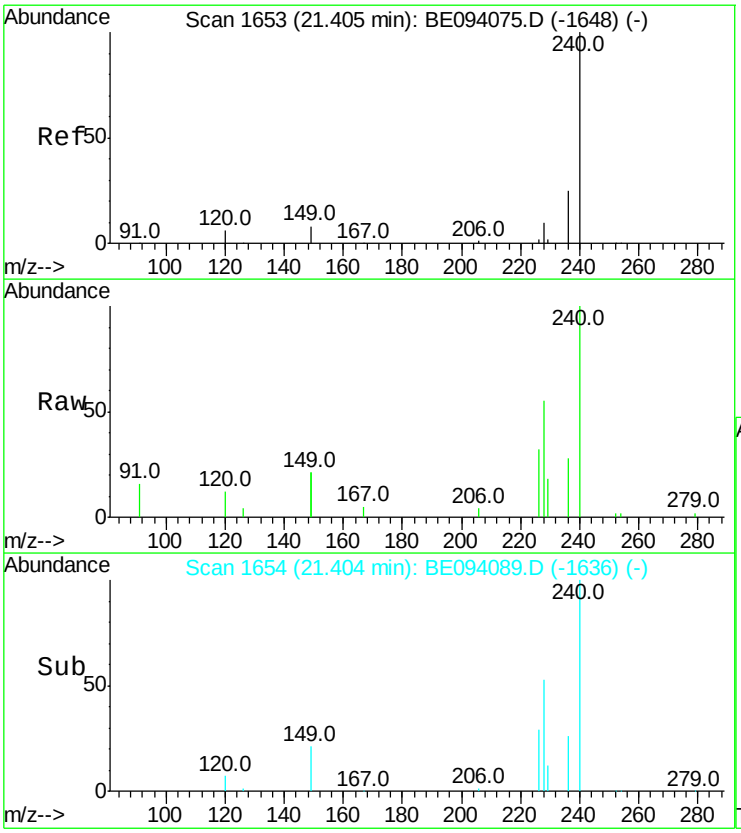
#26
Fluoranthene
Concen: 1.262 ng
RT: 19.30 min Scan# 1435
Delta R.T. 0.01 min
Lab File: BE094089.D
Acq: 23 Sep 2017 21:58

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:202 Resp: 121946

Ion	Ratio	Lower	Upper
202	100		
101	13.2	9.8	14.8
203	17.7	13.7	20.5

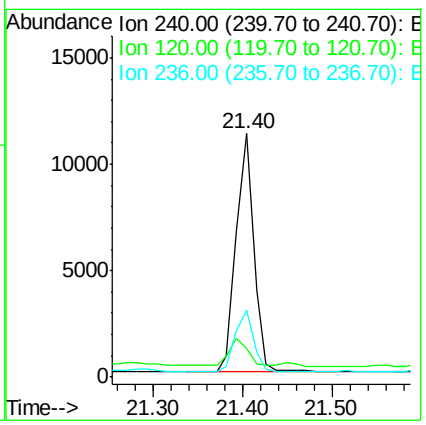


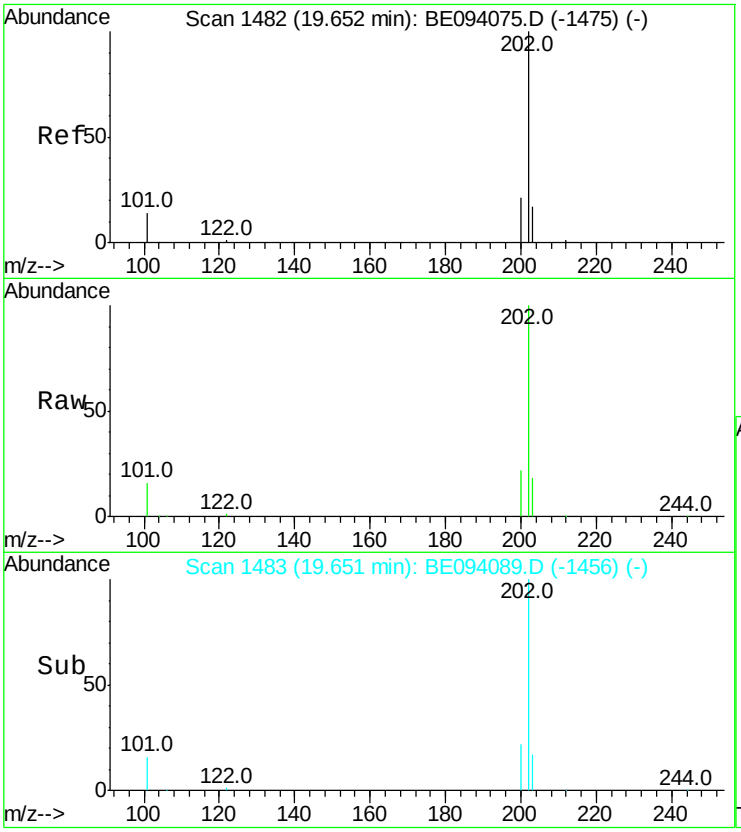


#27
Chrysene-d12
Concen: 0.400 ng
RT: 21.40 min Scan# 1654
Delta R.T. -0.00 min
Lab File: BE094089.D
Acq: 23 Sep 2017 21:58

Tgt Ion:240 Resp: 15525

Ion	Ratio	Lower	Upper
240	100		
120	11.5	5.5	8.3#
236	27.6	20.7	31.1



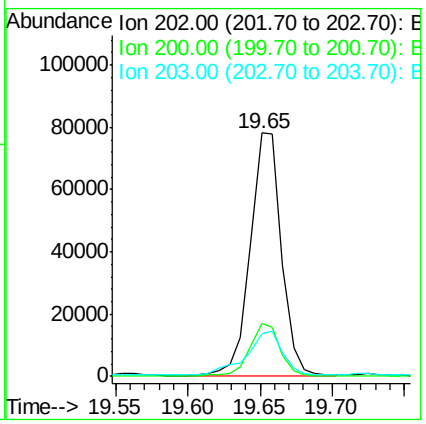


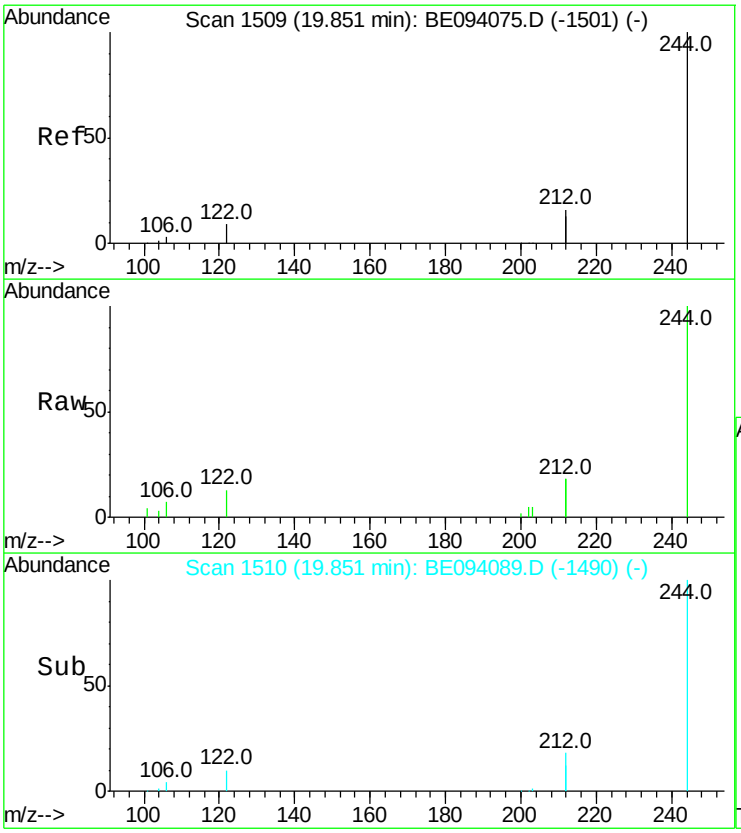
#28
Pyrene
Concen: 2.710 ng
RT: 19.65 min Scan# 1483
Delta R.T. -0.00 min
Lab File: BE094089.D
Acq: 23 Sep 2017 21:58

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:202 Resp: 116404

Ion	Ratio	Lower	Upper
202	100		
200	21.1	16.6	25.0
203	21.4	13.8	20.8#

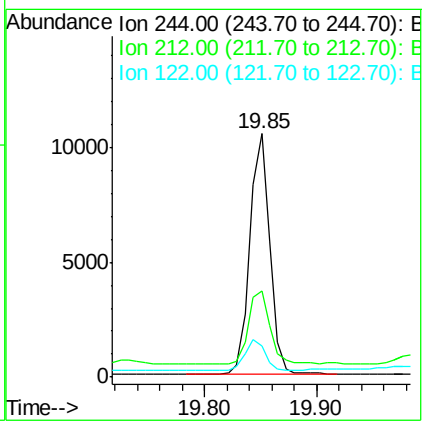


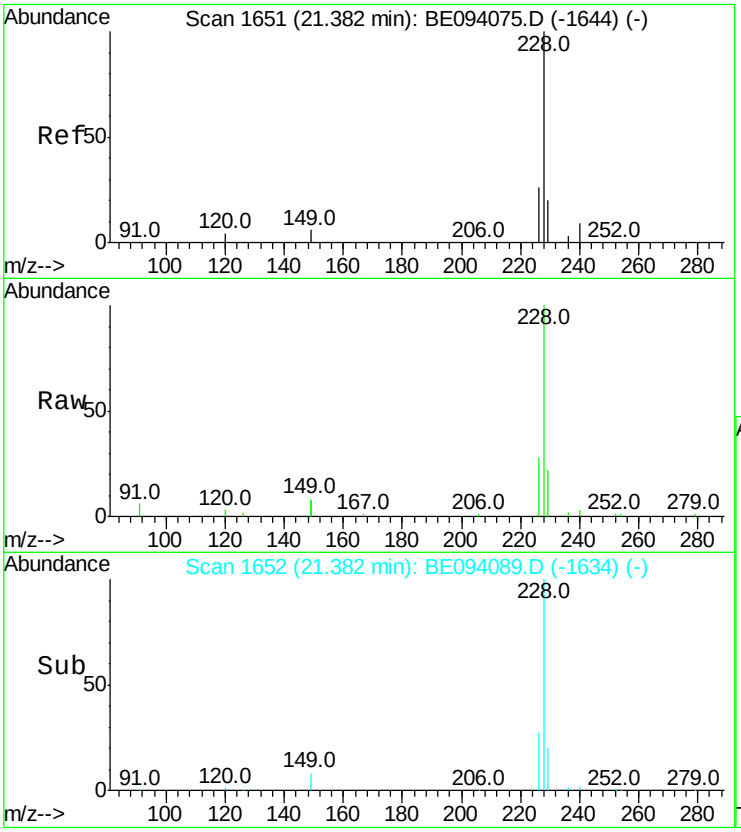


#29
Terphenyl-d14
Concen: 0.538 ng
RT: 19.85 min Scan# 1510
Delta R.T. -0.00 min
Lab File: BE094089.D
Acq: 23 Sep 2017 21:58

Tgt Ion:244 Resp: 13097

Ion	Ratio	Lower	Upper
244	100		
212	35.6	25.4	38.0
122	13.0	8.1	12.1#



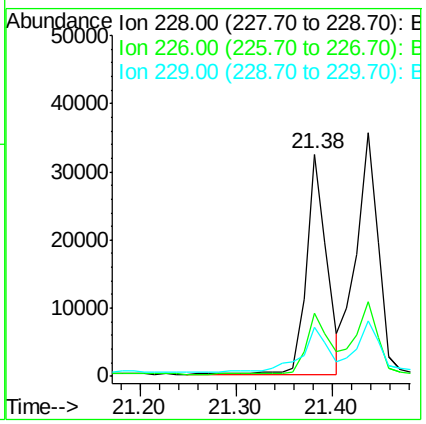


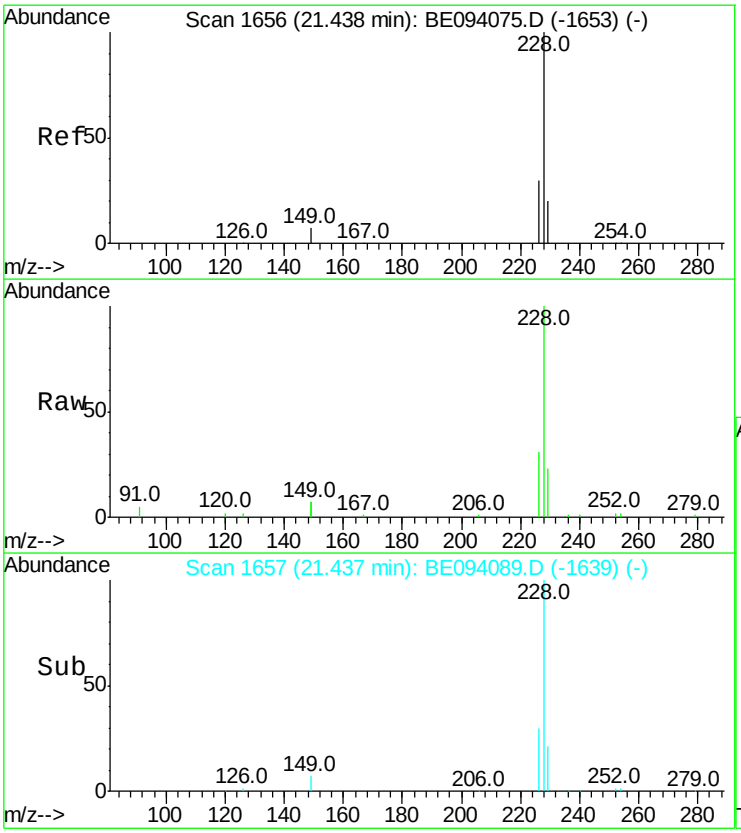
#30
Benzo(a)anthracene
Concen: 0.901 ng
RT: 21.38 min Scan# 1652
Delta R.T. -0.00 min
Lab File: BE094089.D
Acq: 23 Sep 2017 21:58

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:228 Resp: 46864

Ion	Ratio	Lower	Upper
228	100		
226	28.4	21.4	32.0
229	21.9	16.4	24.6

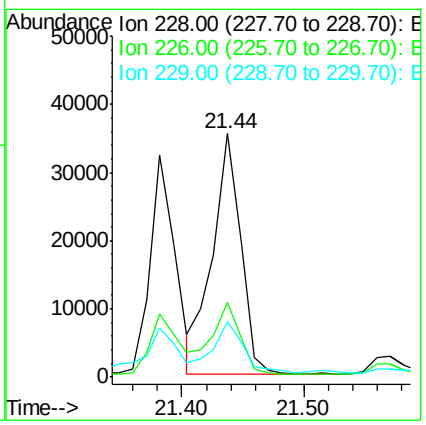


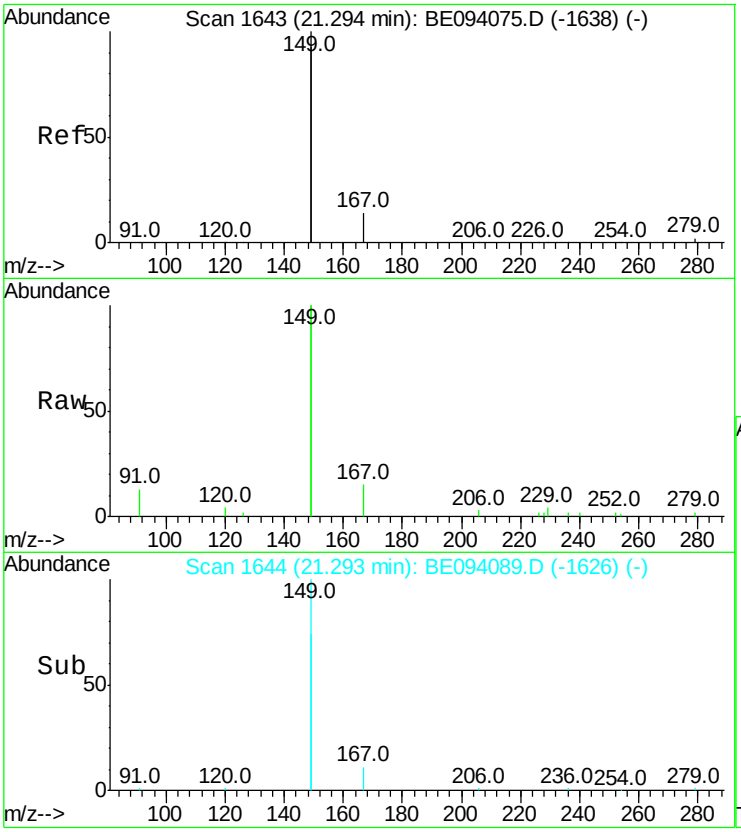


#31
Chrysene
Concen: 1.104 ng
RT: 21.44 min Scan# 1657
Delta R.T. -0.00 min
Lab File: BE094089.D
Acq: 23 Sep 2017 21:58

Tgt Ion:228 Resp: 56260

Ion	Ratio	Lower	Upper
228	100		
226	30.6	23.6	35.4
229	22.6	16.4	24.6



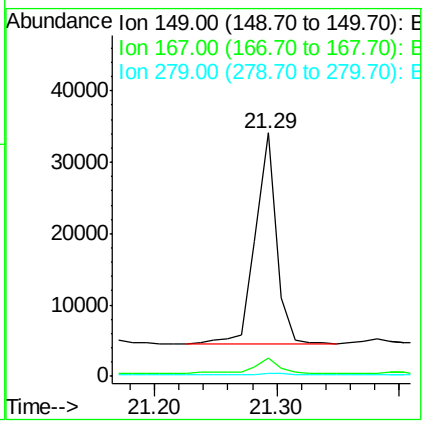


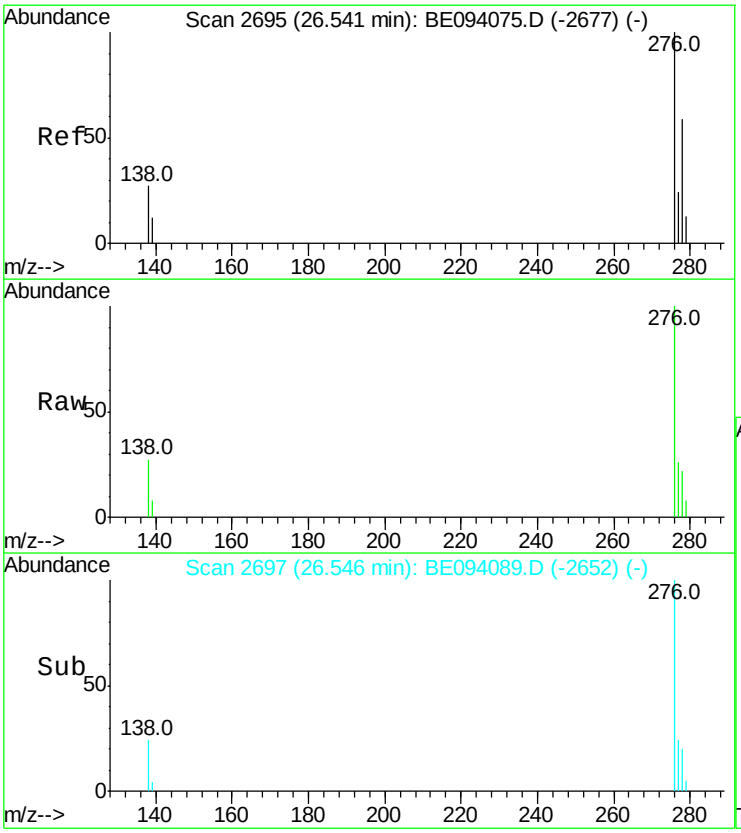
#32
Bis(2-ethylhexyl)phthalate
Concen: 0.257 ng
RT: 21.29 min Scan# 1644
Delta R.T. -0.00 min
Lab File: BE094089.D
Acq: 23 Sep 2017 21:58

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:149 Resp: 35939

Ion	Ratio	Lower	Upper
149	100		
167	7.3	5.4	8.0
279	1.0	0.7	1.1

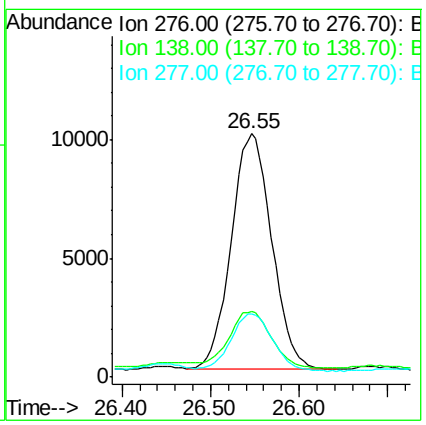


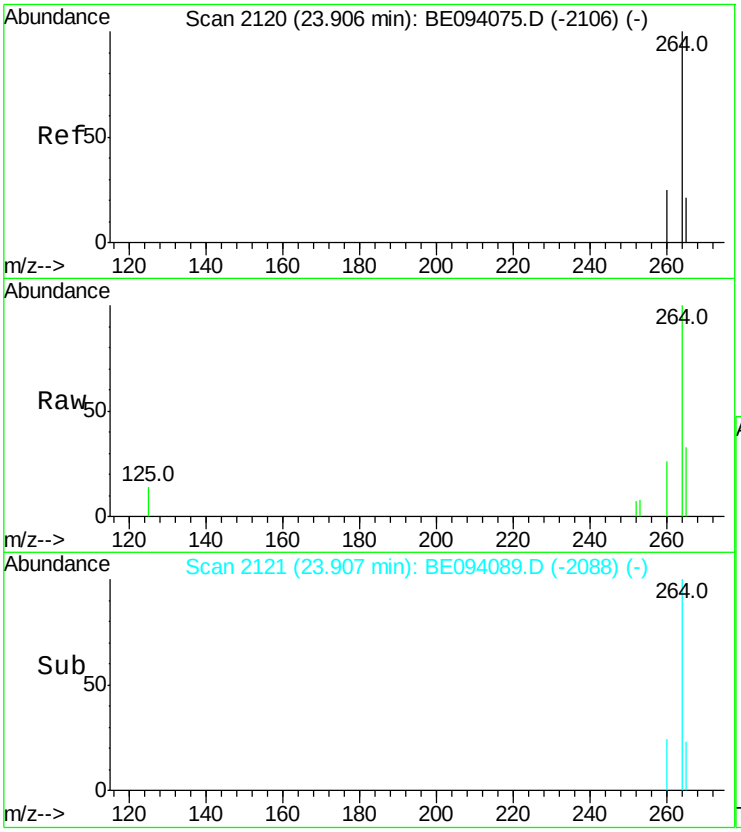


#33
Indeno(1,2,3-cd)pyrene
Concen: 0.805 ng
RT: 26.55 min Scan# 2697
Delta R.T. 0.01 min
Lab File: BE094089.D
Acq: 23 Sep 2017 21:58

Tgt Ion:276 Resp: 31692

Ion	Ratio	Lower	Upper
276	100		
138	25.0	22.5	33.7
277	24.8	19.9	29.9



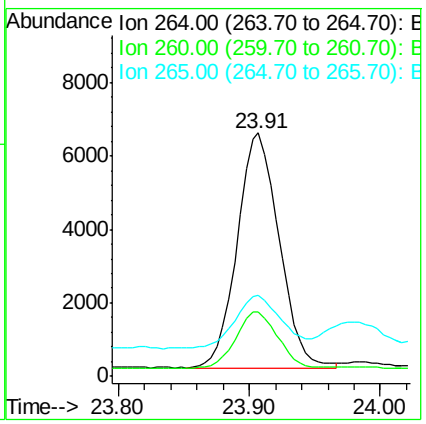


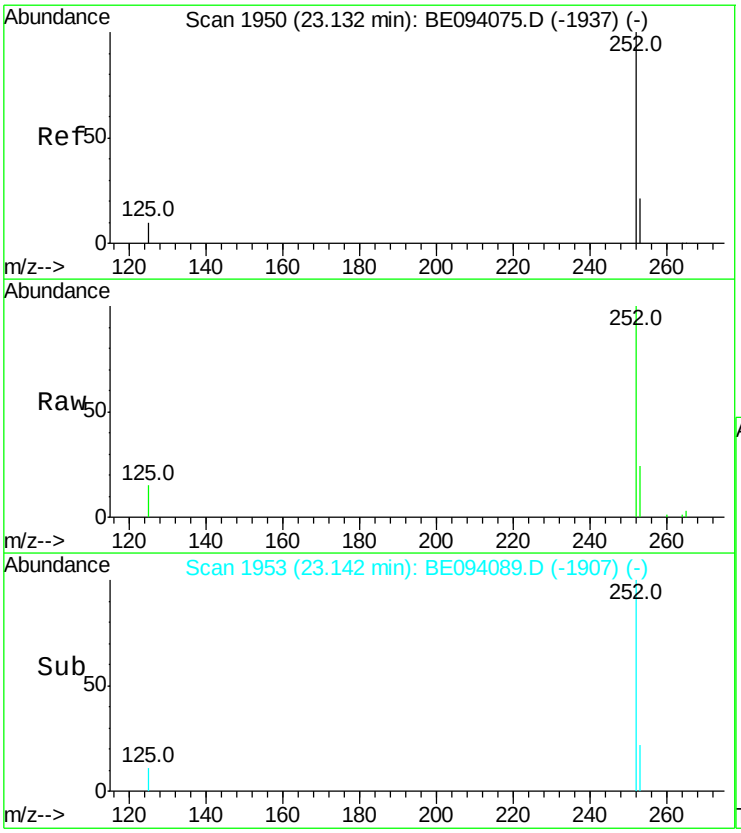
#34
Perylene-d12
Concen: 0.400 ng
RT: 23.91 min Scan# 2121
Delta R.T. 0.00 min
Lab File: BE094089.D
Acq: 23 Sep 2017 21:58

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:264 Resp: 14245

Ion	Ratio	Lower	Upper
264	100		
260	26.3	20.5	30.7
265	33.3	22.8	34.2

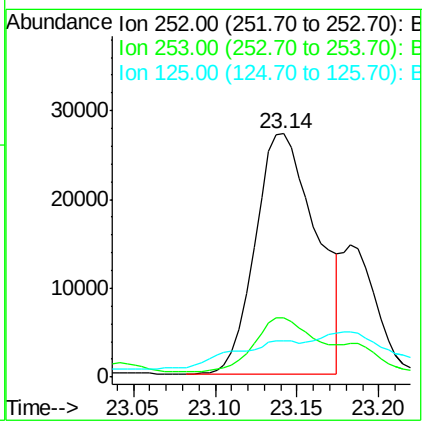


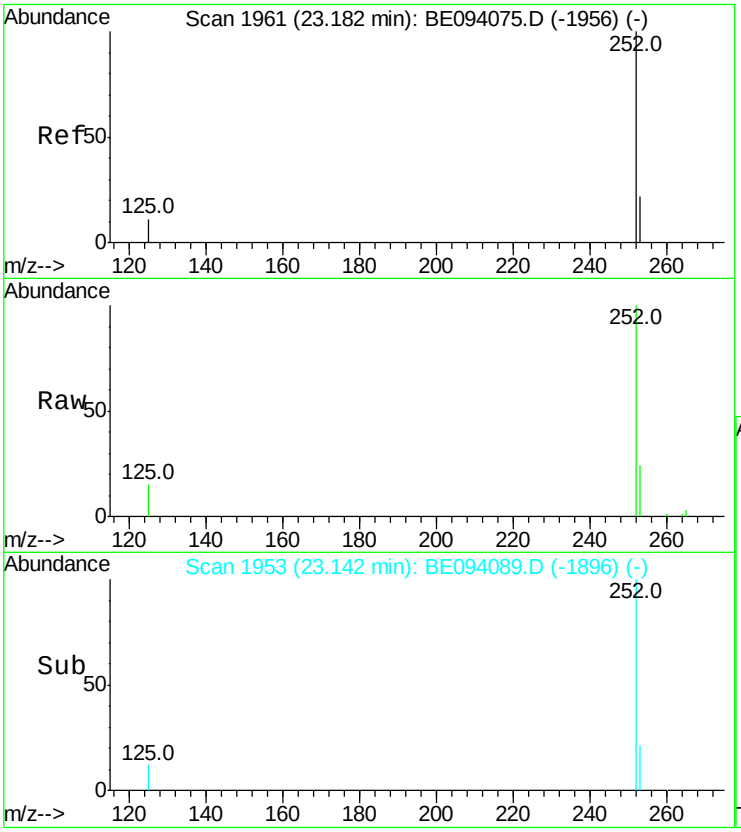


#35
Benzo(b)fluoranthene
Concen: 1.363 ng
RT: 23.14 min Scan# 1953
Delta R.T. 0.01 min
Lab File: BE094089.D
Acq: 23 Sep 2017 21:58

Tgt Ion:252 Resp: 70265

Ion	Ratio	Lower	Upper
252	100		
253	24.1	18.2	27.2
125	14.9	10.1	15.1



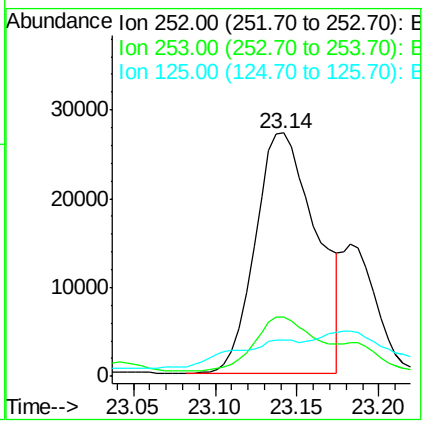


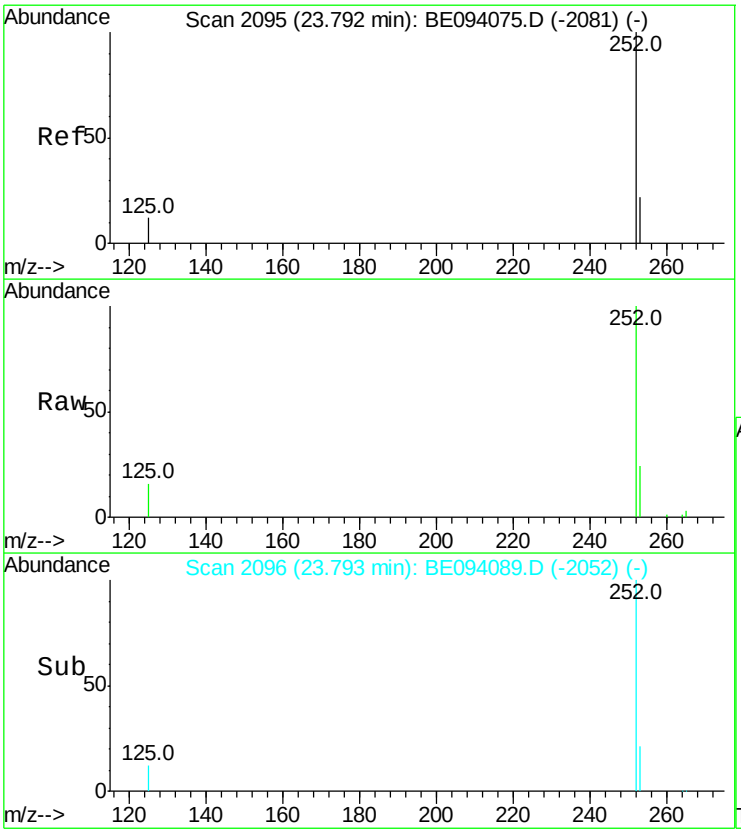
#36
Benzo(k)fluoranthene
Concen: 1.358 ng
RT: 23.14 min Scan# 1953
Delta R.T. -0.04 min
Lab File: BE094089.D
Acq: 23 Sep 2017 21:58

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:252 Resp: 70265

Ion	Ratio	Lower	Upper
252	100		
253	24.1	18.6	27.8
125	14.9	10.7	16.1

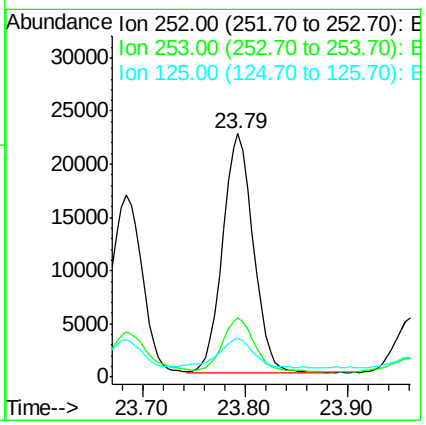


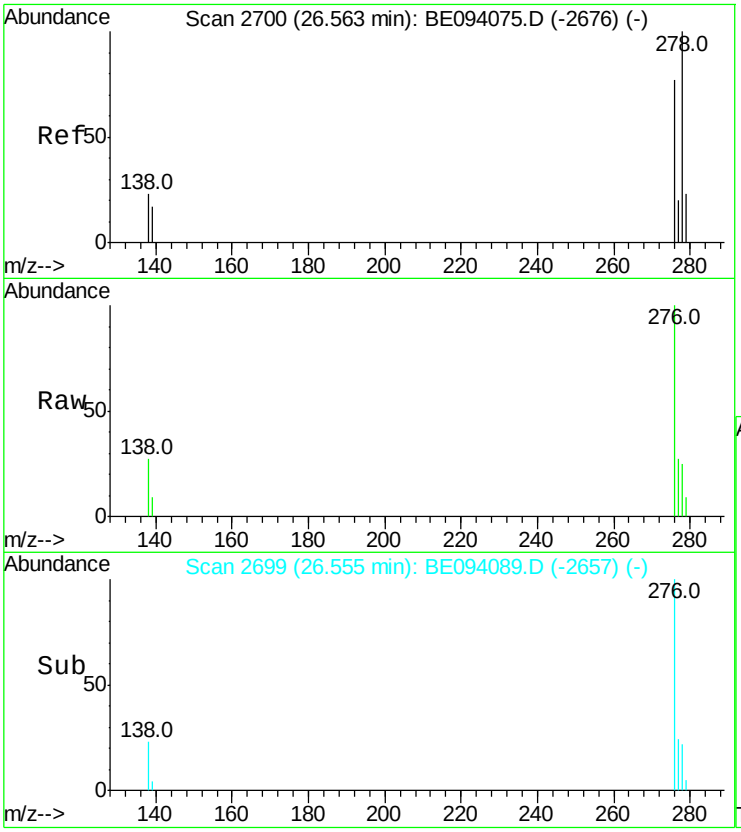


#37
Benzo(a)pyrene
Concen: 1.000 ng
RT: 23.79 min Scan# 2096
Delta R.T. 0.00 min
Lab File: BE094089.D
Acq: 23 Sep 2017 21:58

Tgt Ion:252 Resp: 46311

Ion	Ratio	Lower	Upper
252	100		
253	24.5	19.0	28.6
125	15.8	11.8	17.8



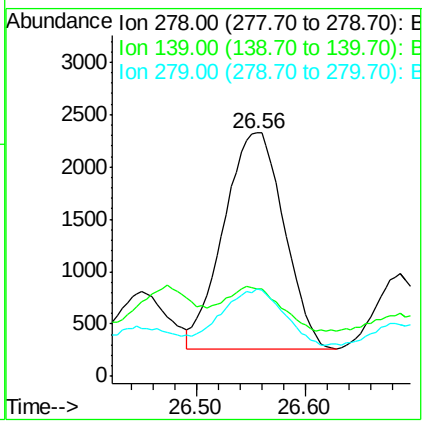


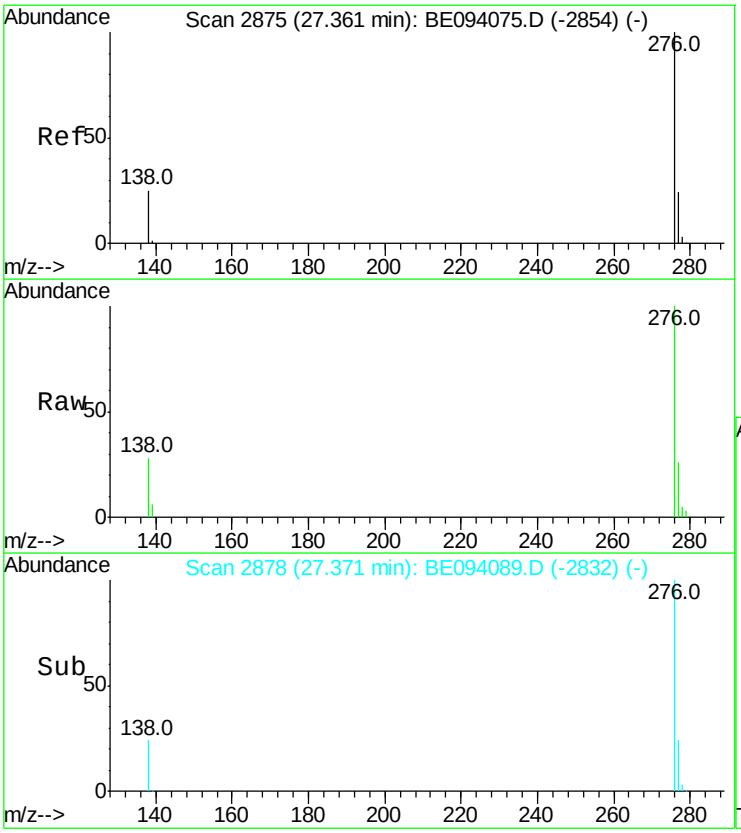
#38
Dibenzo(a,h)anthracene
Concen: 0.214 ng
RT: 26.56 min Scan# 2699
Delta R.T. -0.01 min
Lab File: BE094089.D
Acq: 23 Sep 2017 21:58

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:278 Resp: 7917

Ion	Ratio	Lower	Upper
278	100		
139	36.0	16.3	24.5#
279	35.7	19.9	29.9#





#39
Benzo(g,h,i)perylene
Concen: 0.881 ng
RT: 27.37 min Scan# 2878
Delta R.T. 0.01 min
Lab File: BE094089.D
Acq: 23 Sep 2017 21:58

Tgt Ion:276 Resp: 32631

Ion	Ratio	Lower	Upper
276	100		
277	25.8	20.8	31.2
138	27.5	21.5	32.3