Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA E\DATA\BE092517\
Data File : BE094104.D
Acq On : 25 Sep 2017 16:08
Operator : SJ/JU
Sample : SSTDICC1.6
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument : BNA_E
ClientSampleId : SSTDICC1.6

Quant Time: Sep 25 17:00:10 2017
Quant Method : Z:\HPCHEM1\BNA E\METHODS\8270-SIM-BE092517.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Sep 25 15:34:48 2017
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.91	152	1330	0.40	ng		0.00
7) Naphthalene-d8	10.69	136	6219	0.40	ng		0.00
13) Acenaphthene-d10	14.51	164	3626	0.40	ng		0.00
19) Phenanthrene-d10	17.24	188	14129	0.40	ng		0.00
27) Chrysene-d12	21.40	240	13857	0.40	ng		0.00
34) Perylene-d12	23.91	264	12993	0.40	ng		0.00
System Monitoring Compounds							
4) 2-Fluorophenol	5.50	112	7581	1.09	ng		0.00
5) Phenol-d6	7.09	99	10946	1.39	ng		0.00
8) Nitrobenzene-d5	9.04	82	9049	1.64	ng		-0.02
11) 2-Methylnaphthalene-d10	12.28	152	15007	1.42	ng		0.00
14) 2,4,6-Tribromophenol	16.00	330	3002	1.09	ng		0.00
15) 2-Fluorobiphenyl	13.13	172	19346	1.62	ng		0.00
25) Fluoranthene-d10	19.27	212	212455	1.17	ng		0.00
29) Terphenyl-d14	19.85	244	38078	1.75	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.41	88	3681	1.326	ng	#	83
3) n-Nitrosodimethylamine	3.73	42	4786	1.392	ng	#	93
6) bis(2-Chloroethyl)ether	7.33	93	8523	1.451	ng		95
9) Naphthalene	10.74	128	109273	1.379	ng		99
10) Hexachlorobutadiene	11.03	225	3973	1.578	ng		98
12) 2-Methylnaphthalene	12.34	142	17899	1.425	ng		99
16) Acenaphthylene	14.23	152	29906	1.638	ng		100
17) Acenaphthene	14.57	154	18683	1.543	ng		98
18) Fluorene	15.56	166	25040	1.389	ng		98
20) 4-Bromophenyl-phenylether	16.42	248	8631	1.143	ng	#	85
21) Hexachlorobenzene	16.55	284	5281	0.953	ng	#	71
22) Pentachlorophenol	16.91	266	4905	12.424	ng	#	70
23) Phenanthrene	17.27	178	58836	1.163	ng		97
24) Anthracene	17.37	178	61928	1.587	ng		97
26) Fluoranthene	19.30	202	63579	1.171	ng		100
28) Pyrene	19.66	202	67949	1.772	ng		100
30) Benzo(a)anthracene	21.38	228	72345	1.559	ng		97
31) Chrysene	21.44	228	70782	1.556	ng		98
32) Bis(2-ethylhexyl)phthalate	21.29	149	199365	1.599	ng		100
33) Indeno(1,2,3-cd)pyrene	26.55	276	71181	2.025	ng		99
35) Benzo(b)fluoranthene	23.14	252	68997	1.467	ng		99
36) Benzo(k)fluoranthene	23.19	252	67580	1.432	ng		97
37) Benzo(a)pyrene	23.80	252	64914	1.537	ng		97
38) Dibenzo(a,h)anthracene	26.56	278	61291	1.813	ng		99
39) Benzo(g,h,i)perylene	27.37	276	60659	1.795	ng		97

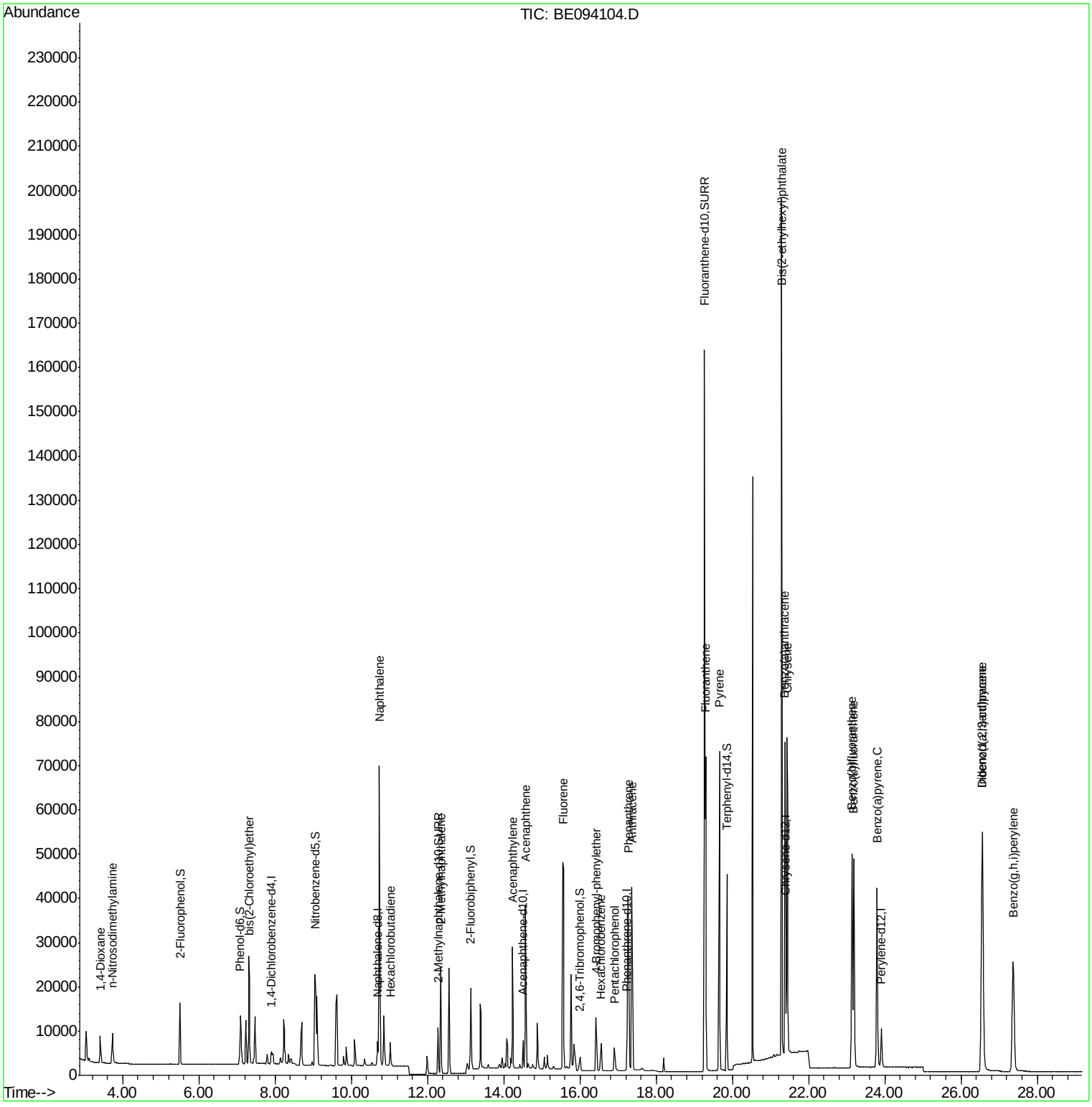
(#) = qualifier out of range (m) = manual integration (+) = signals summed

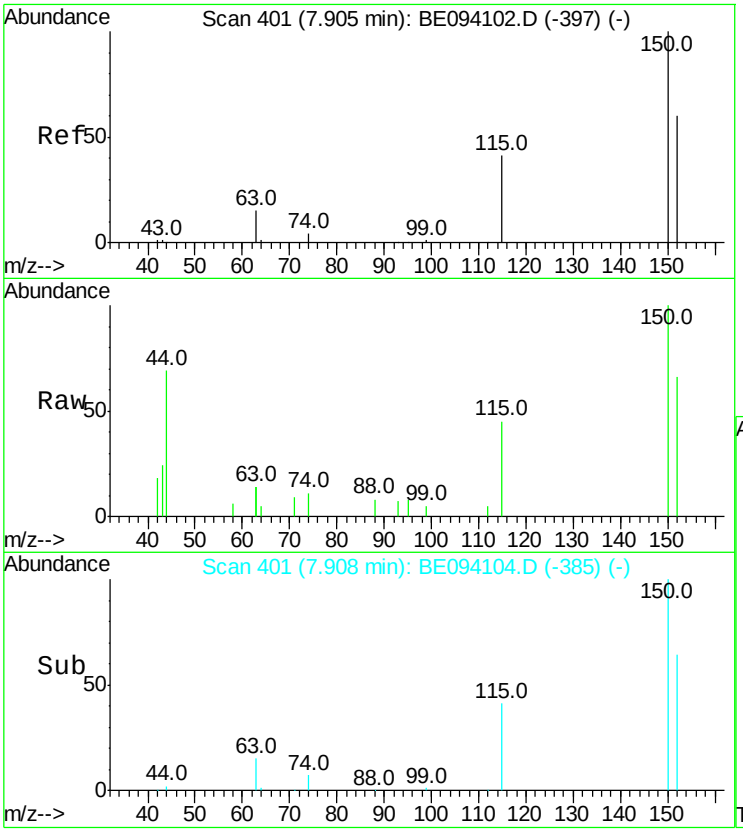
Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA E\DATA\BE092517\
Data File : BE094104.D
Acq On : 25 Sep 2017 16:08
Operator : SJ/JU
Sample : SSTDICC1.6
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument :
BNA_E
ClientSampleId :
SSTDICC1.6

Quant Time: Sep 25 17:00:10 2017
Quant Method : Z:\HPCHEM1\BNA E\METHODS\8270-SIM-BE092517.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Sep 25 15:34:48 2017
Response via : Initial Calibration



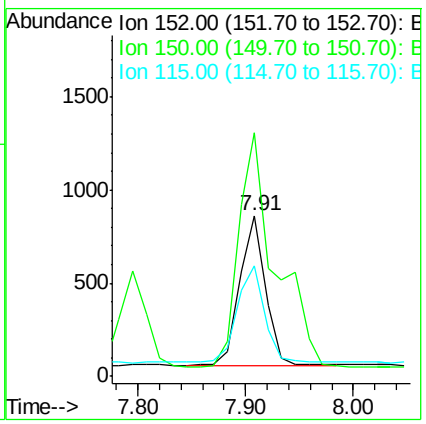


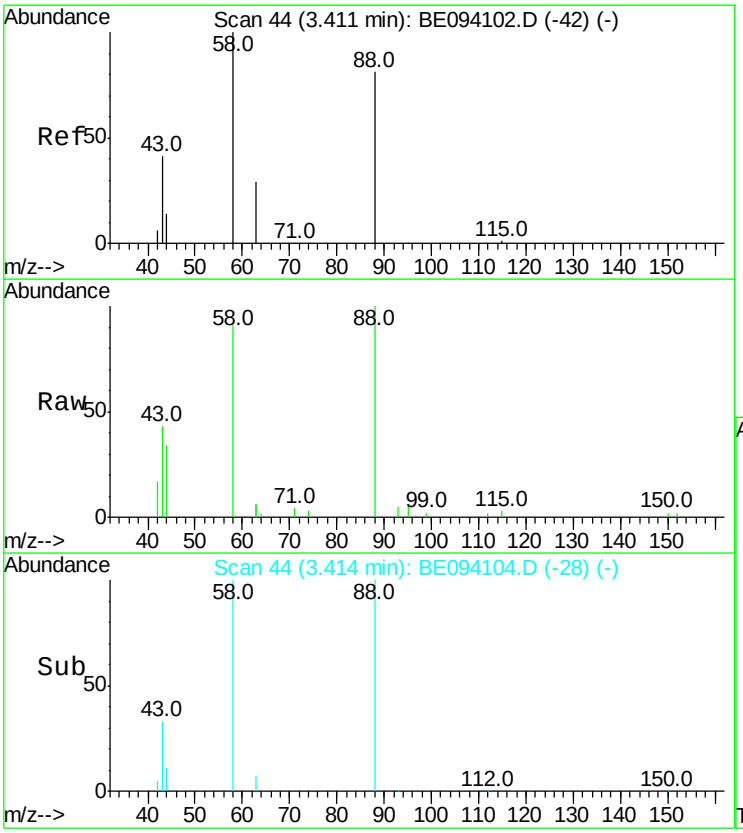
#1
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.91 min Scan# 401
Delta R.T. 0.00 min
Lab File: BE094104.D
Acq: 25 Sep 2017 16:08

Instrument :
BNA_E
ClientSampleId :
SSTDICC1.6

Tgt Ion:152 Resp: 1330

Ion	Ratio	Lower	Upper
152	100		
150	151.7	117.2	175.8
115	68.9	57.0	85.6

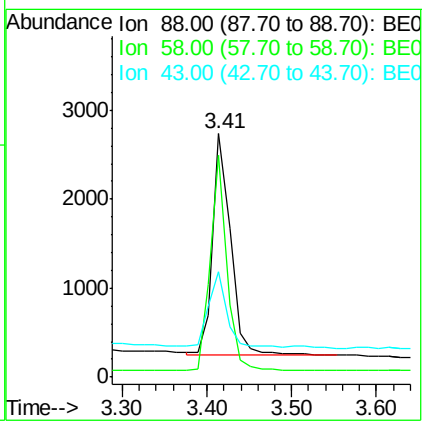


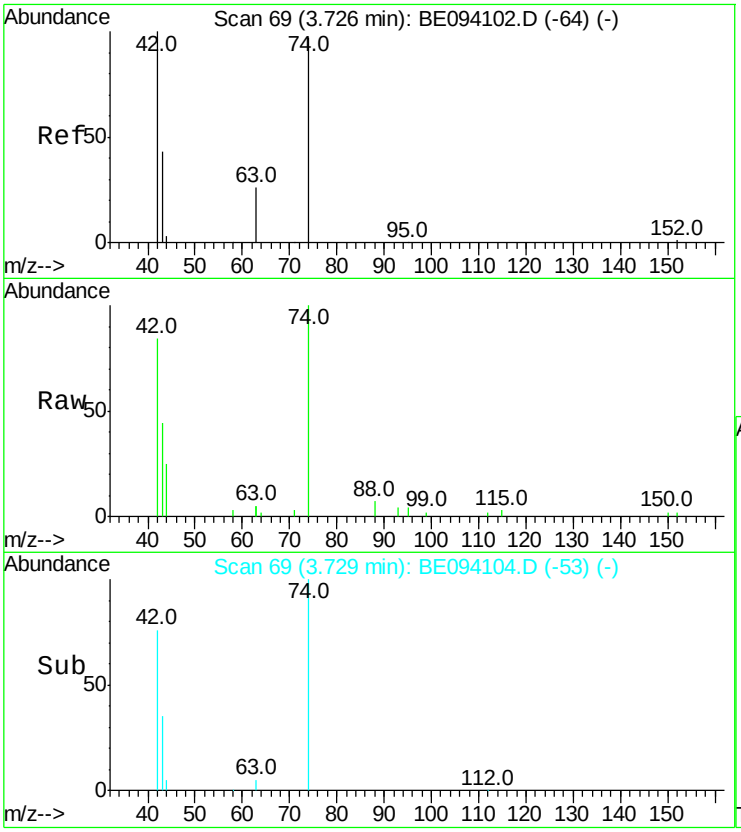


#2
1,4-Dioxane
Concen: 1.326 ng
RT: 3.41 min Scan# 44
Delta R.T. 0.00 min
Lab File: BE094104.D
Acq: 25 Sep 2017 16:08

Tgt Ion: 88 Resp: 3681

Ion	Ratio	Lower	Upper
88	100		
58	89.5	63.2	94.8
43	33.9	41.2	61.8#



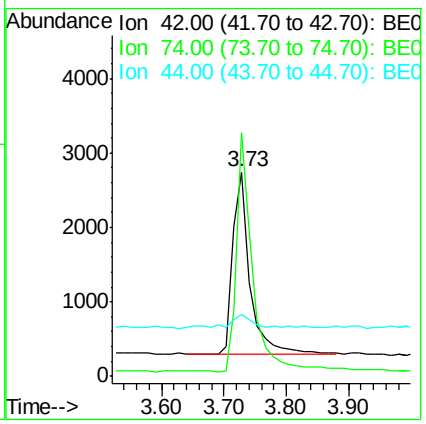


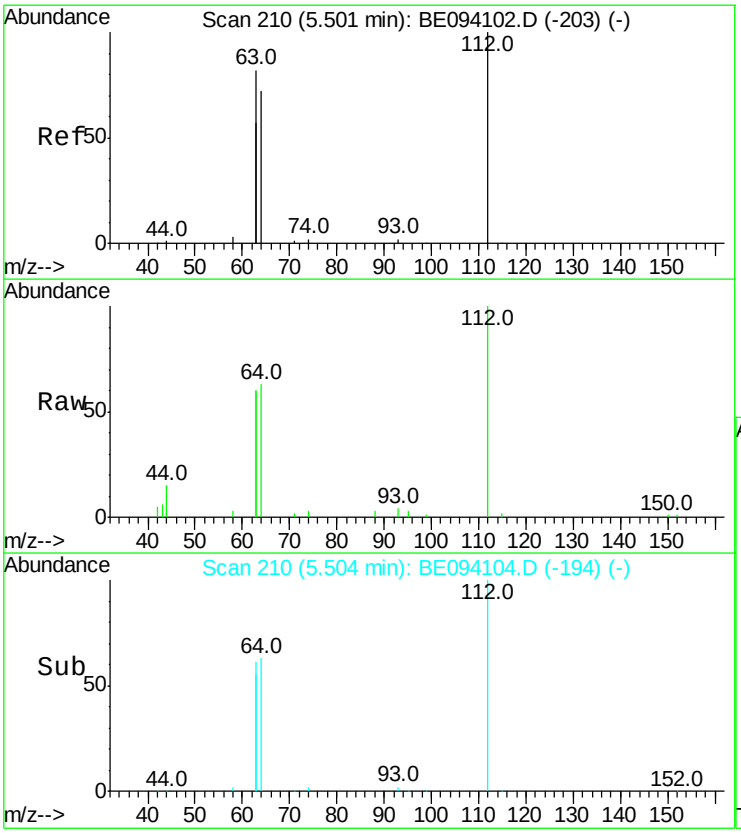
#3
n-Nitrosodimethylamine
Concen: 1.392 ng
RT: 3.73 min Scan# 69
Delta R.T. 0.00 min
Lab File: BE094104.D
Acq: 25 Sep 2017 16:08

Instrument :
BNA_E
ClientSampleId :
SSTDICC1.6

Tgt Ion: 42 Resp: 4786

Ion	Ratio	Lower	Upper
42	100		
74	121.2	100.3	150.5
44	8.7	17.0	25.4#

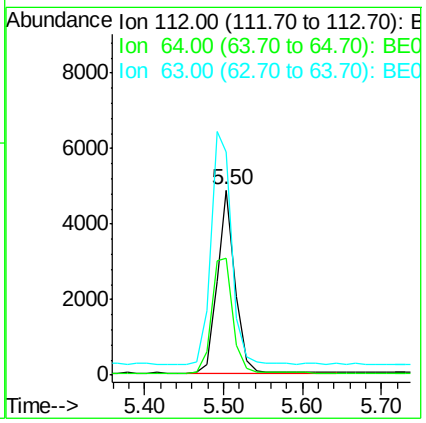


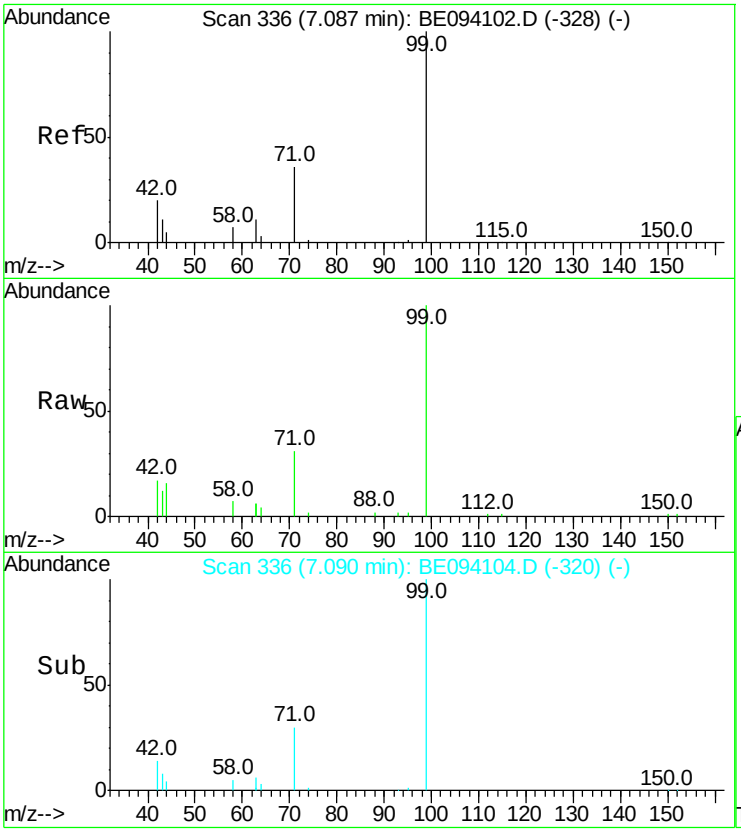


#4
2-Fluorophenol
Concen: 1.086 ng
RT: 5.50 min Scan# 210
Delta R.T. 0.00 min
Lab File: BE094104.D
Acq: 25 Sep 2017 16:08

Tgt Ion:112 Resp: 7581

Ion	Ratio	Lower	Upper
112	100		
64	75.7	60.1	90.1
63	150.8	116.8	175.2



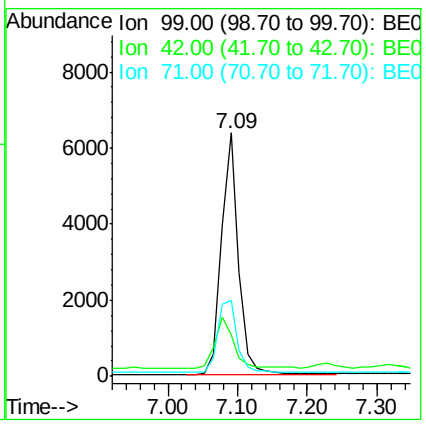


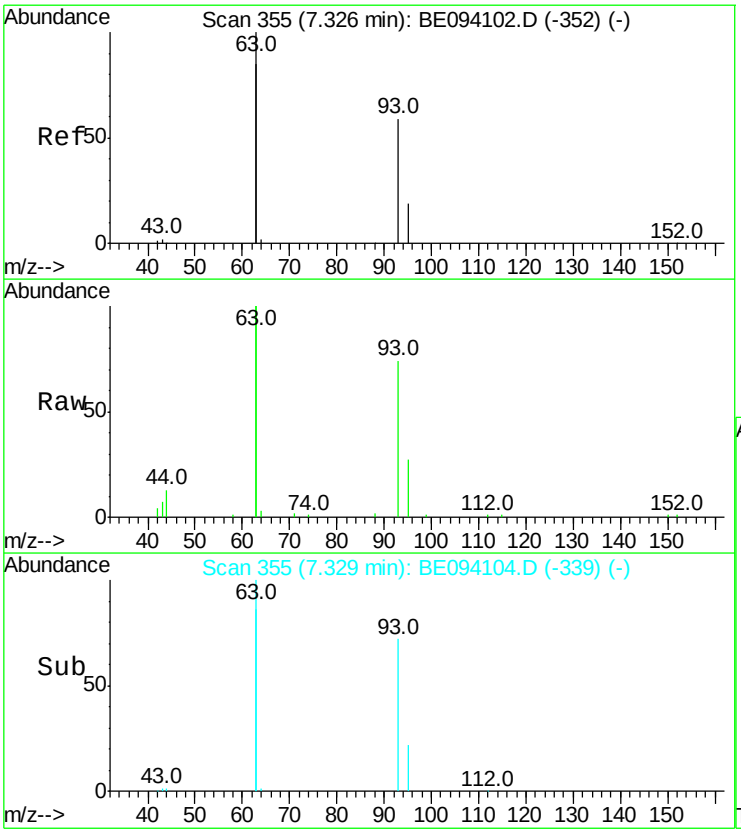
#5
Phenol-d6
Concen: 1.392 ng
RT: 7.09 min Scan# 336
Delta R.T. 0.00 min
Lab File: BE094104.D
Acq: 25 Sep 2017 16:08

Instrument :
BNA_E
ClientSampleId :
SSTDICC1.6

Tgt Ion: 99 Resp: 10946

Ion	Ratio	Lower	Upper
99	100		
42	22.9	20.2	30.2
71	34.4	28.4	42.6

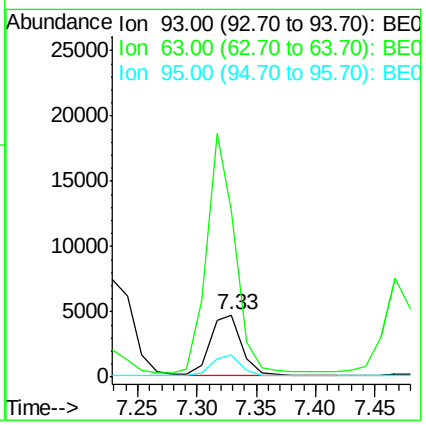


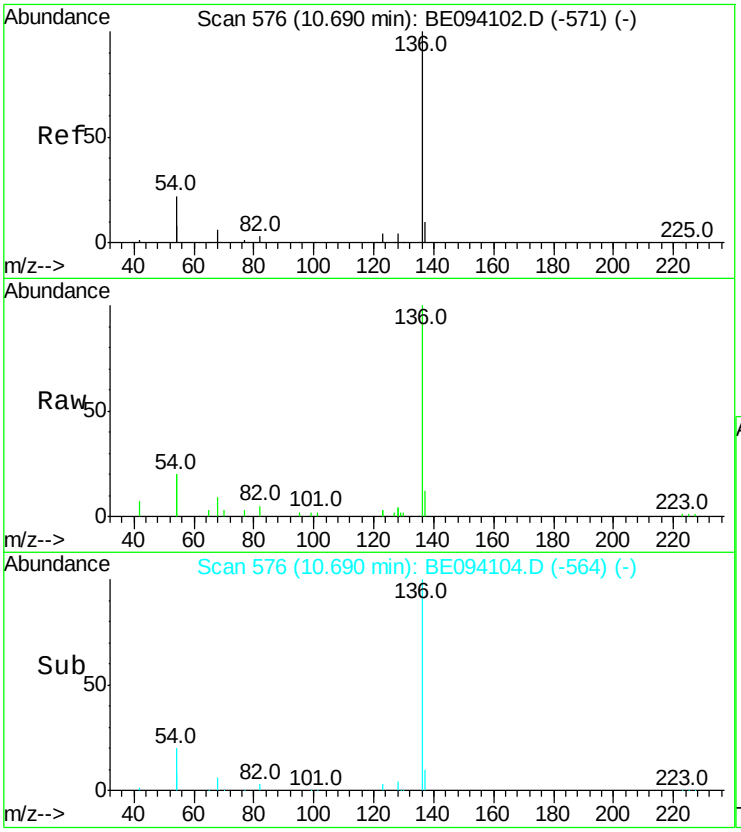


#6
bis(2-Chloroethyl)ether
Concen: 1.451 ng
RT: 7.33 min Scan# 355
Delta R.T. 0.00 min
Lab File: BE094104.D
Acq: 25 Sep 2017 16:08

Tgt Ion: 93 Resp: 8523

Ion	Ratio	Lower	Upper
93	100		
63	356.2	275.3	412.9
95	32.3	25.2	37.8



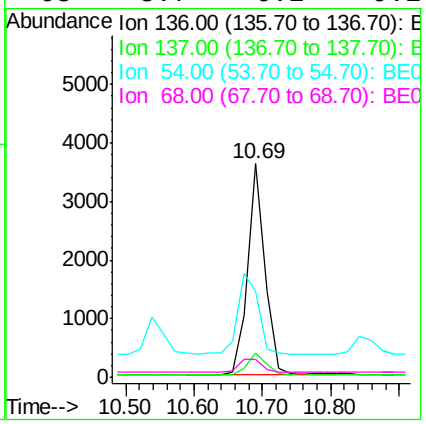


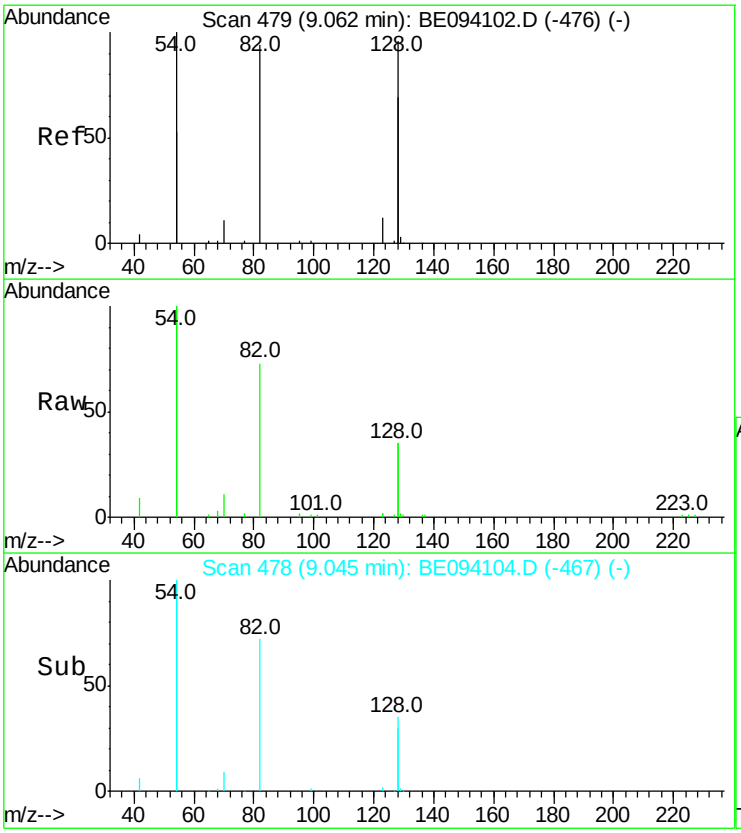
#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.69 min Scan# 576
Delta R.T. -0.00 min
Lab File: BE094104.D
Acq: 25 Sep 2017 16:08

Instrument :
BNA_E
ClientSampleId :
SSTDICC1.6

Tgt Ion:136 Resp: 6219

Ion	Ratio	Lower	Upper
136	100		
137	11.7	9.5	14.3
54	40.4	29.1	43.7
68	8.7	6.2	9.2

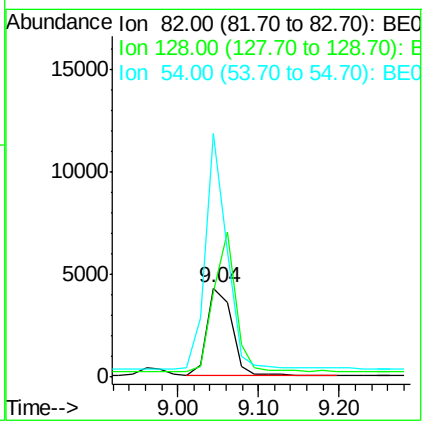


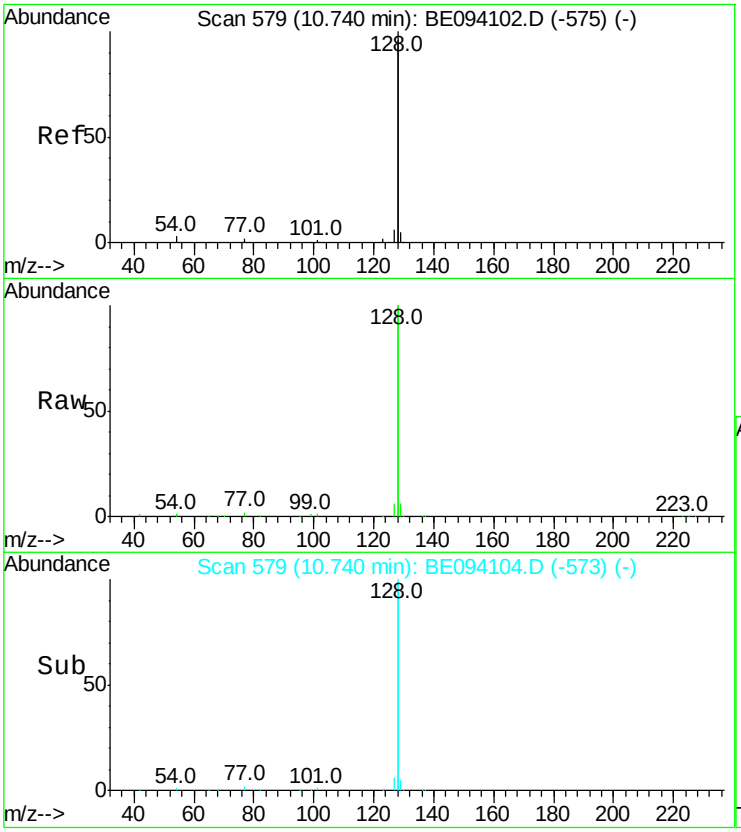


#8
Nitrobenzene-d5
Concen: 1.636 ng
RT: 9.04 min Scan# 478
Delta R.T. -0.02 min
Lab File: BE094104.D
Acq: 25 Sep 2017 16:08

Tgt Ion: 82 Resp: 9049

Ion	Ratio	Lower	Upper
82	100		
128	95.6	150.0	225.0#
54	274.1	154.2	231.4#



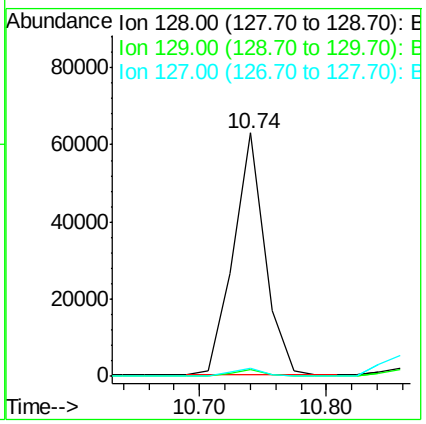


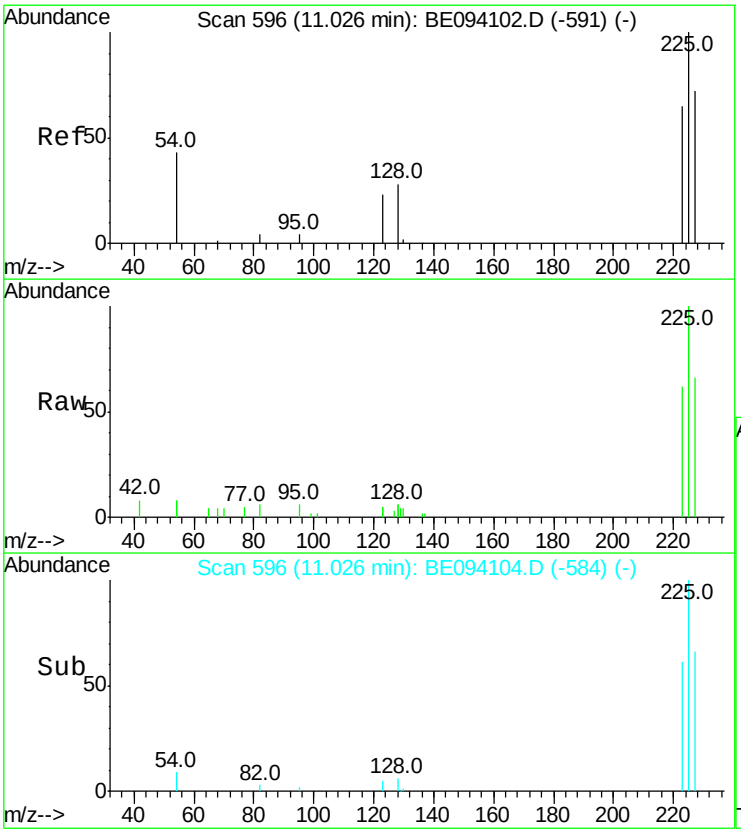
#9
Naphthalene
Concen: 1.379 ng
RT: 10.74 min Scan# 579
Delta R.T. -0.00 min
Lab File: BE094104.D
Acq: 25 Sep 2017 16:08

Instrument :
BNA_E
ClientSampleId :
SSTDICC1.6

Tgt Ion:128 Resp: 109273

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

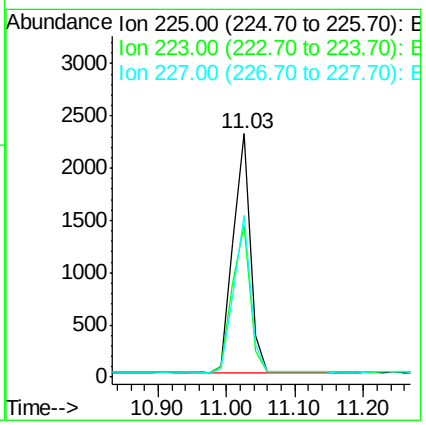


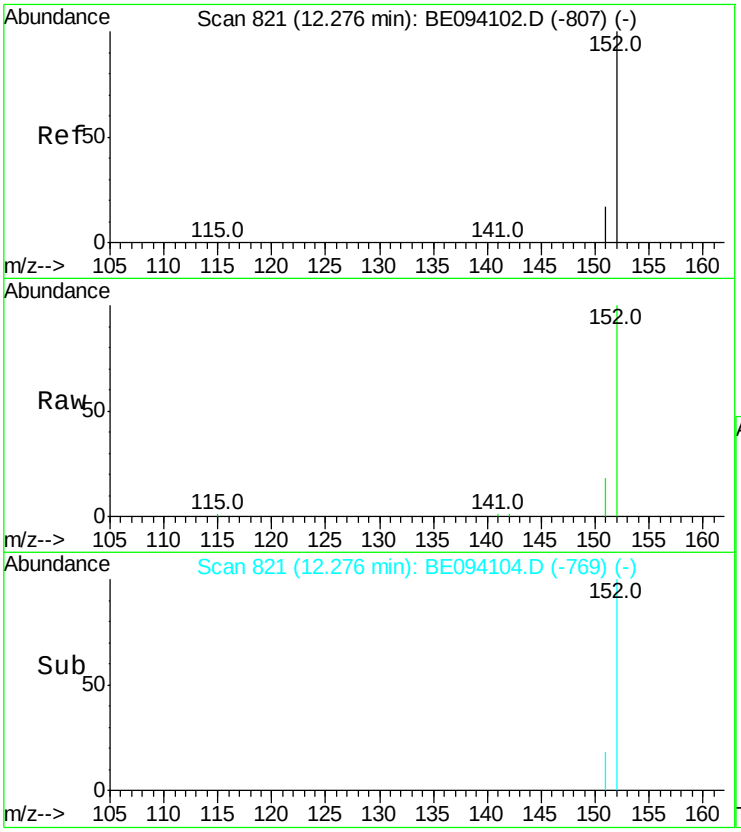


#10
Hexachlorobutadiene
Concen: 1.578 ng
RT: 11.03 min Scan# 596
Delta R.T. -0.00 min
Lab File: BE094104.D
Acq: 25 Sep 2017 16:08

Tgt Ion:225 Resp: 3973

Ion	Ratio	Lower	Upper
225	100		
223	63.5	53.0	79.6
227	65.1	51.4	77.2



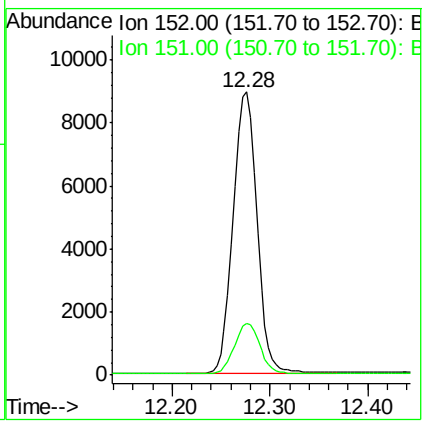


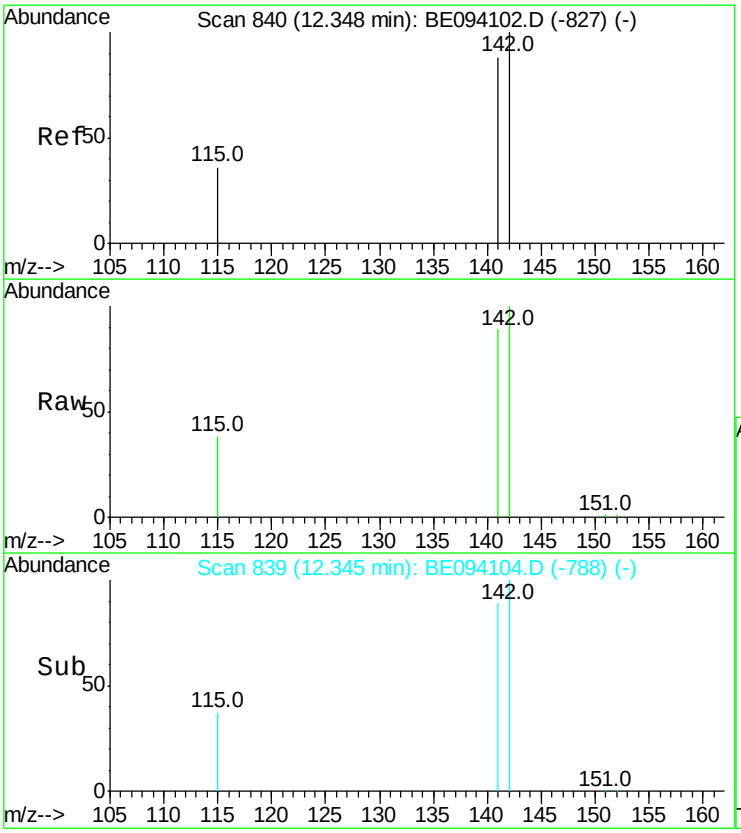
#11
2-Methylnaphthalene-d10
Concen: 1.424 ng
RT: 12.28 min Scan# 821
Delta R.T. -0.00 min
Lab File: BE094104.D
Acq: 25 Sep 2017 16:08

Instrument :
BNA_E
ClientSampleId :
SSTDICC1.6

Tgt Ion:152 Resp: 15007

Ion	Ratio	Lower	Upper
152	100		
151	19.2	15.4	23.0

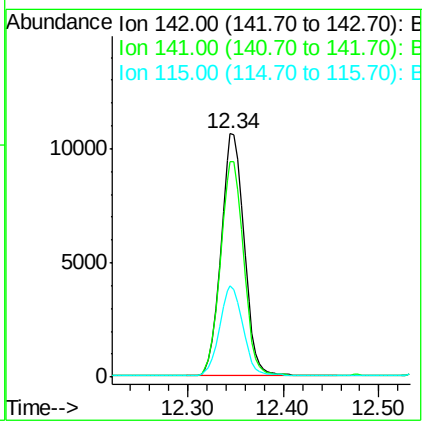


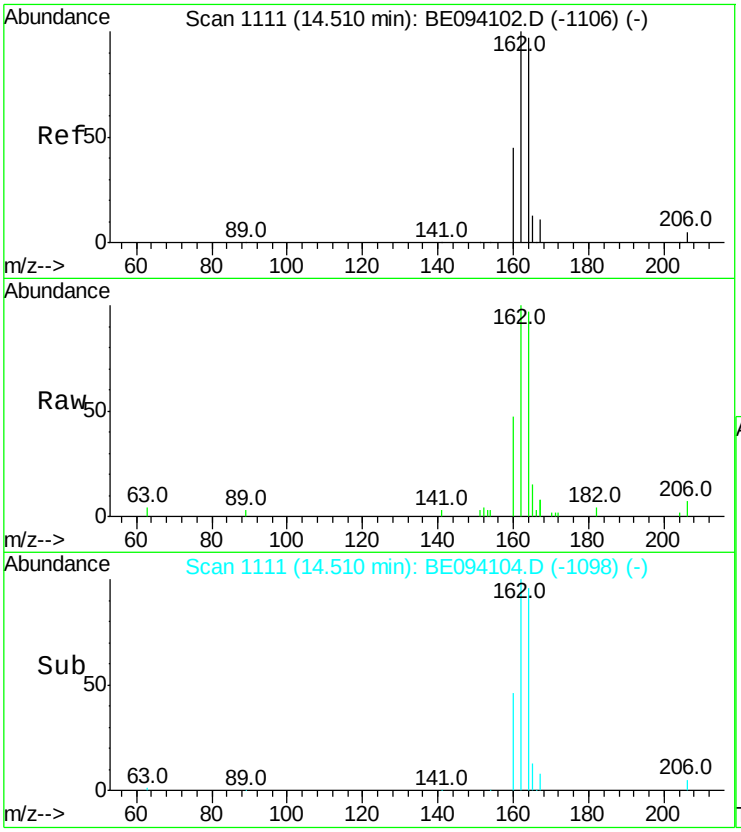


#12
2-Methylnaphthalene
Concen: 1.425 ng
RT: 12.34 min Scan# 839
Delta R.T. -0.00 min
Lab File: BE094104.D
Acq: 25 Sep 2017 16:08

Tgt Ion:142 Resp: 17899

Ion	Ratio	Lower	Upper
142	100		
141	88.6	70.4	105.6
115	37.7	31.7	47.5



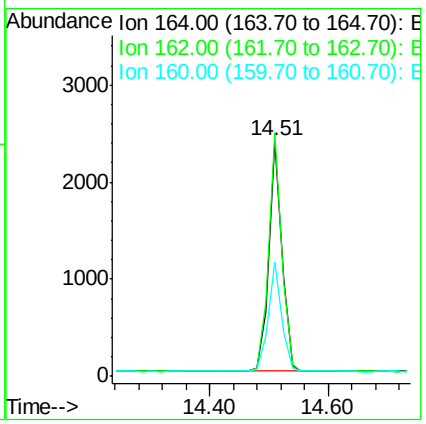


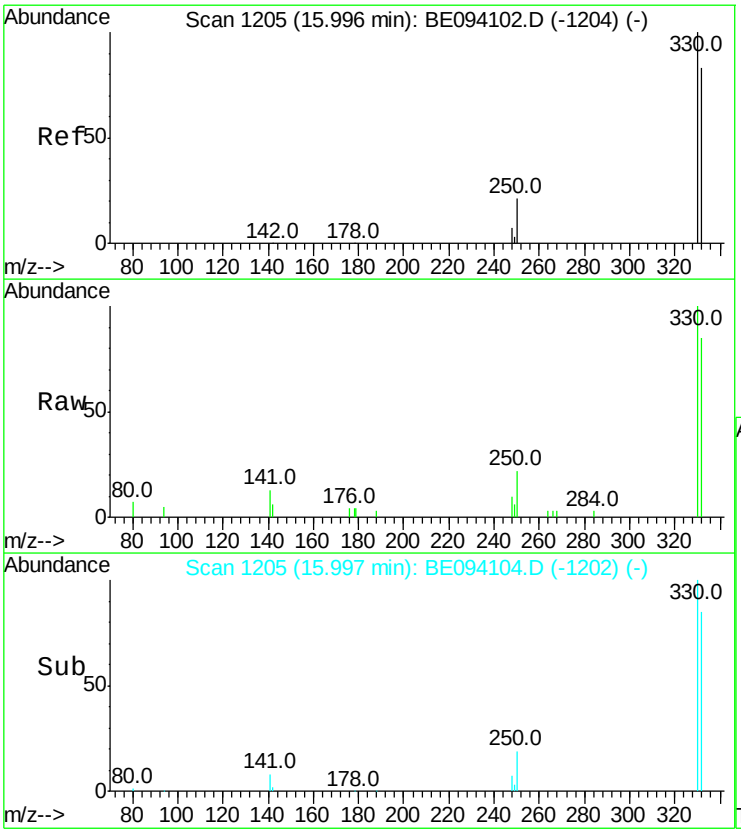
#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.51 min Scan# 1111
Delta R.T. -0.00 min
Lab File: BE094104.D
Acq: 25 Sep 2017 16:08

Instrument :
BNA_E
ClientSampleId :
SSTDICC1.6

Tgt Ion:164 Resp: 3626

Ion	Ratio	Lower	Upper
164	100		
162	103.6	83.1	124.7
160	48.8	37.1	55.7

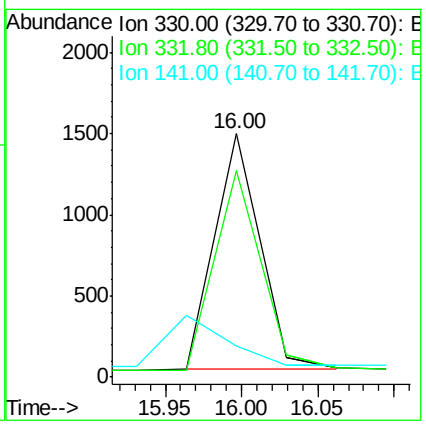


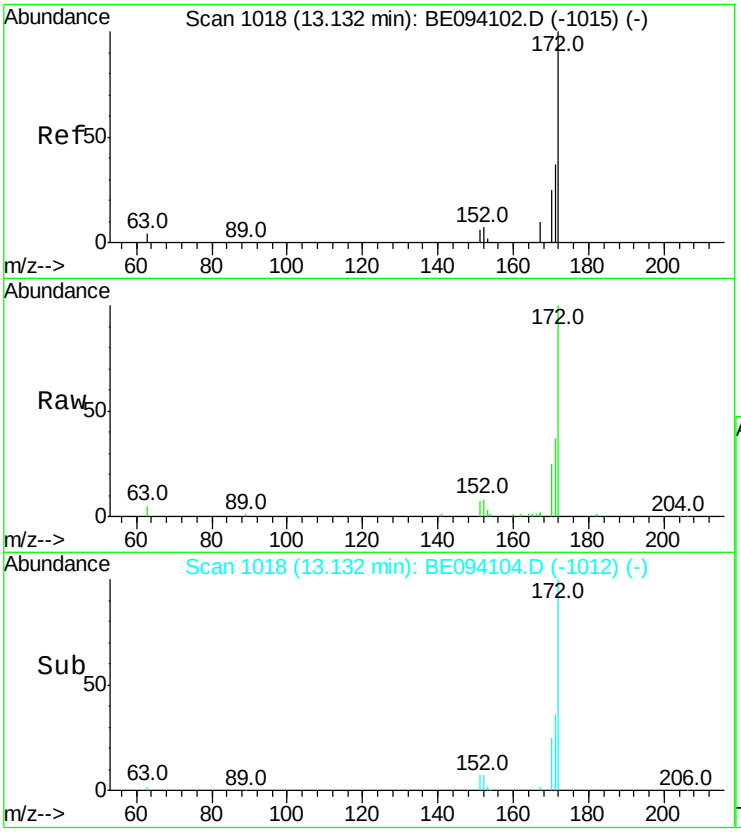


#14
2,4,6-Tribromophenol
Concen: 1.091 ng
RT: 16.00 min Scan# 1205
Delta R.T. 0.00 min
Lab File: BE094104.D
Acq: 25 Sep 2017 16:08

Tgt Ion:330 Resp: 3002

Ion	Ratio	Lower	Upper
330	100		
332	86.9	152.7	229.1#
141	0.0	33.7	50.5#



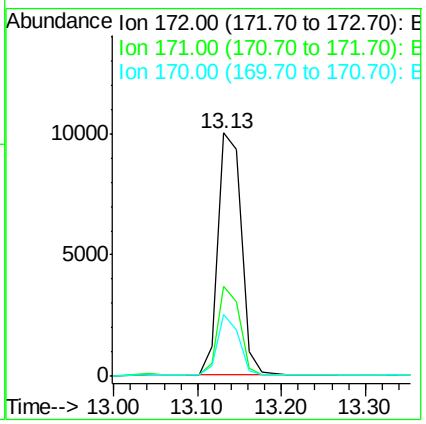


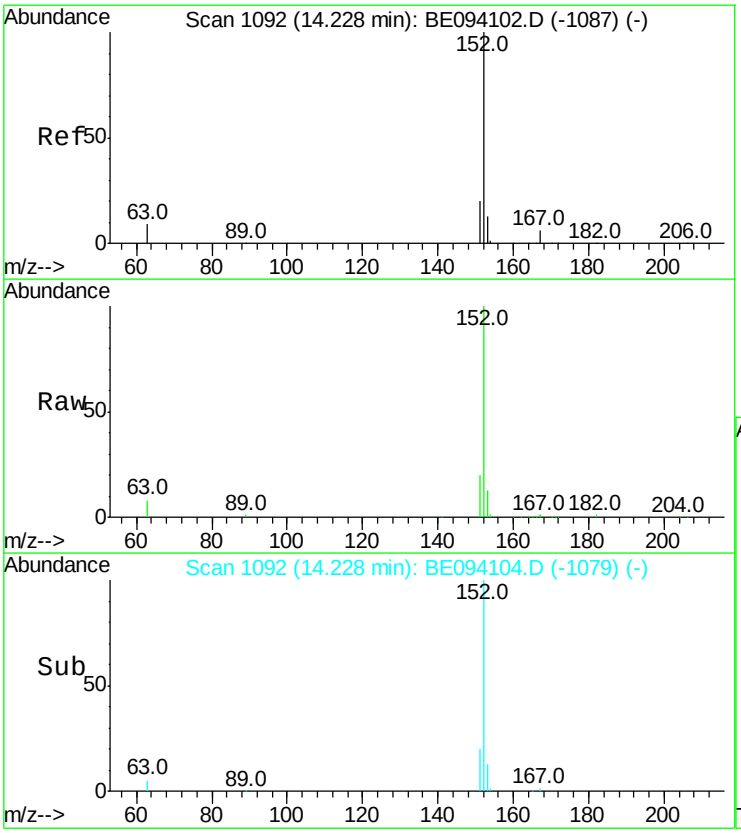
#15
2-Fluorobiphenyl
Concen: 1.624 ng
RT: 13.13 min Scan# 1018
Delta R.T. -0.00 min
Lab File: BE094104.D
Acq: 25 Sep 2017 16:08

Instrument :
BNA_E
ClientSampleId :
SSTDICC1.6

Tgt Ion:172 Resp: 19346

Ion	Ratio	Lower	Upper
172	100		
171	37.0	29.9	44.9
170	25.5	21.8	32.8

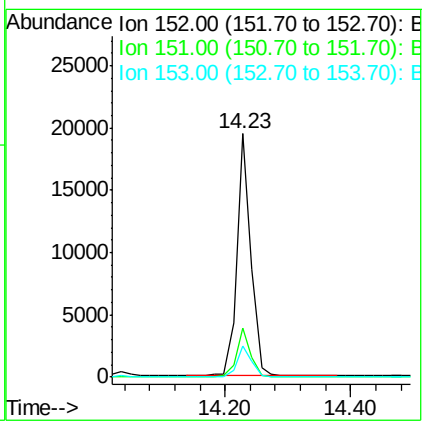


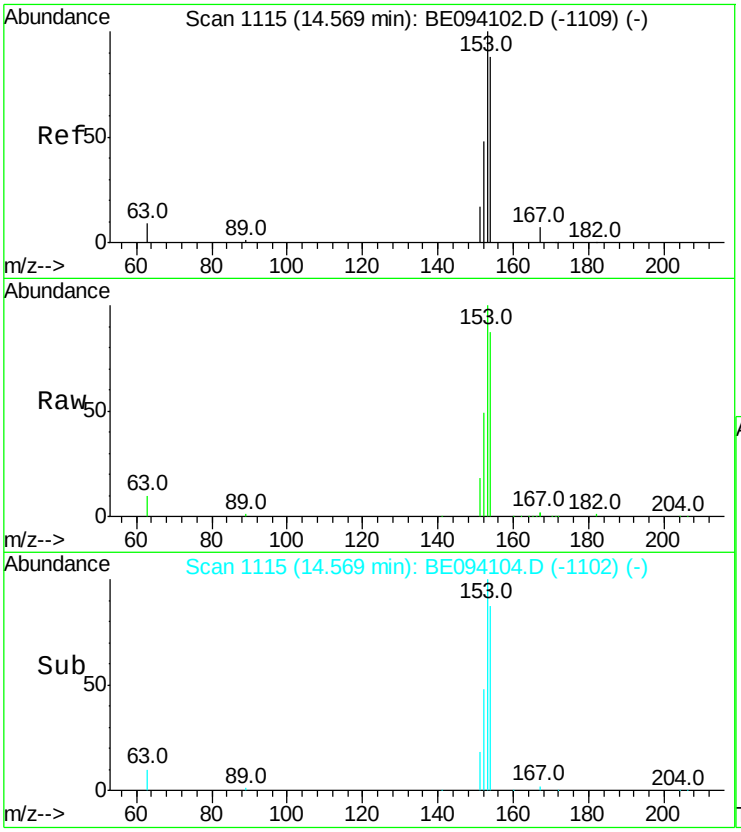


#16
Acenaphthylene
Concen: 1.638 ng
RT: 14.23 min Scan# 1092
Delta R.T. -0.00 min
Lab File: BE094104.D
Acq: 25 Sep 2017 16:08

Tgt Ion:152 Resp: 29906

Ion	Ratio	Lower	Upper
152	100		
151	19.5	15.7	23.5
153	13.1	10.5	15.7



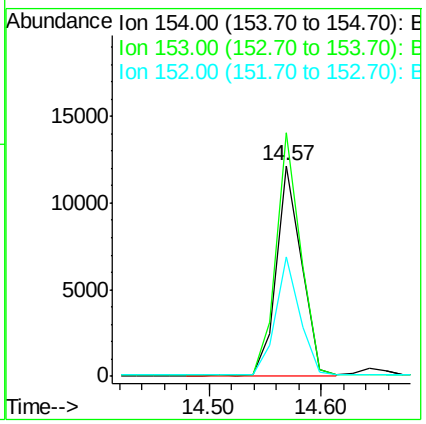


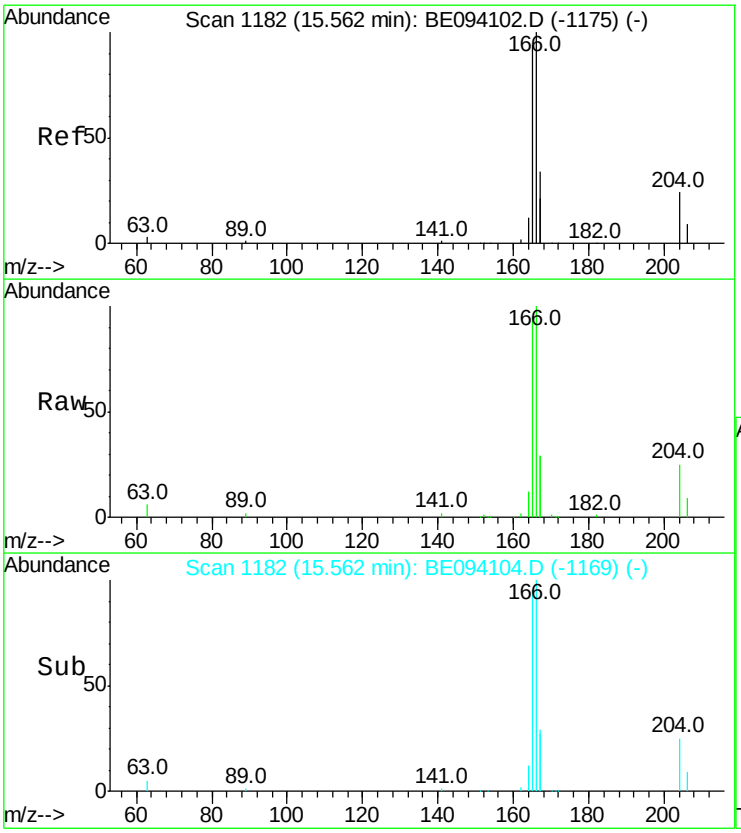
#17
Acenaphthene
Concen: 1.543 ng
RT: 14.57 min Scan# 1115
Delta R.T. -0.00 min
Lab File: BE094104.D
Acq: 25 Sep 2017 16:08

Instrument :
BNA_E
ClientSampleId :
SSTDICC1.6

Tgt Ion:154 Resp: 18683

Ion	Ratio	Lower	Upper
154	100		
153	113.4	89.2	133.8
152	54.6	42.0	63.0

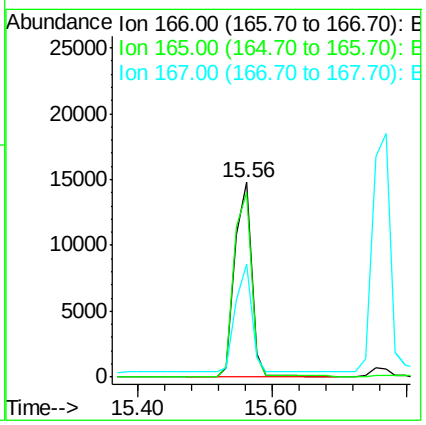


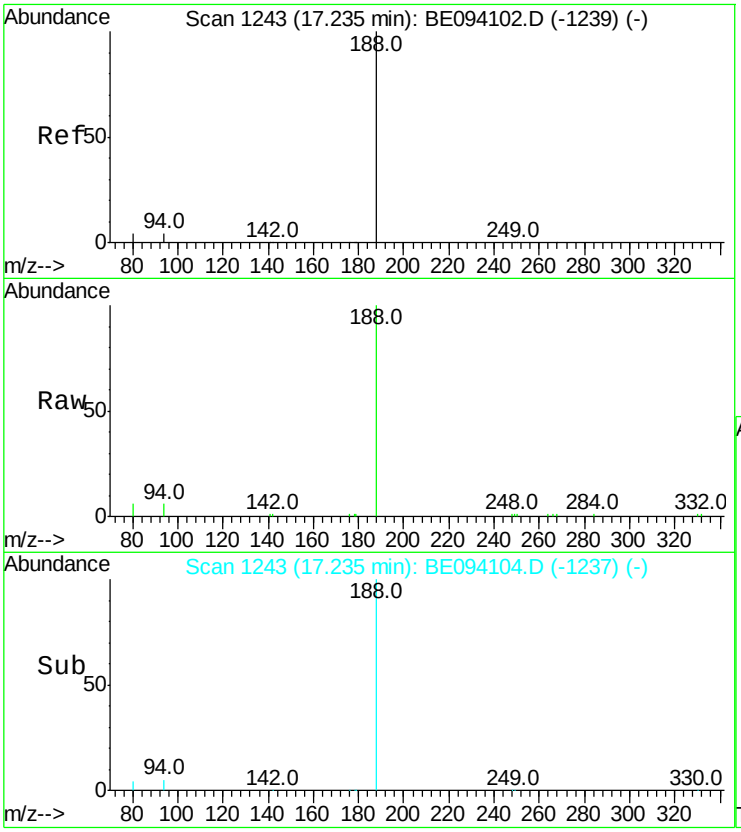


#18
Fluorene
Concen: 1.389 ng
RT: 15.56 min Scan# 1182
Delta R.T. -0.00 min
Lab File: BE094104.D
Acq: 25 Sep 2017 16:08

Tgt Ion:166 Resp: 25040

Ion	Ratio	Lower	Upper
166	100		
165	98.7	77.8	116.6
167	54.3	42.4	63.6



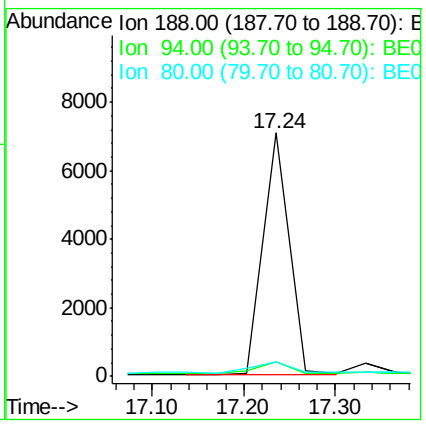


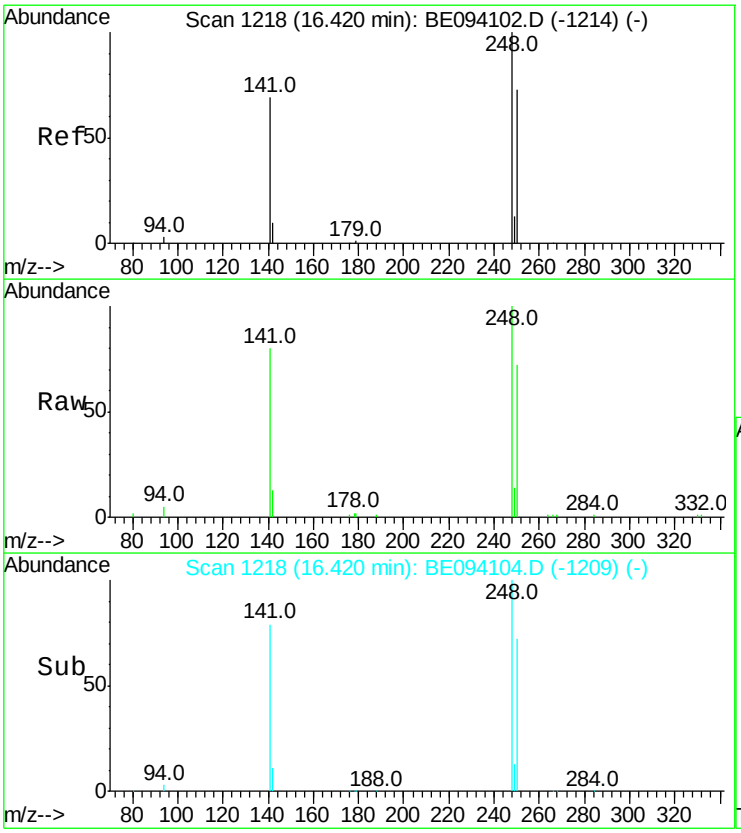
#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.24 min Scan# 1243
Delta R.T. 0.00 min
Lab File: BE094104.D
Acq: 25 Sep 2017 16:08

Instrument :
BNA_E
ClientSampleId :
SSTDICC1.6

Tgt Ion:188 Resp: 14129

Ion	Ratio	Lower	Upper
188	100		
94	6.0	3.9	5.9#
80	5.8	3.6	5.4#

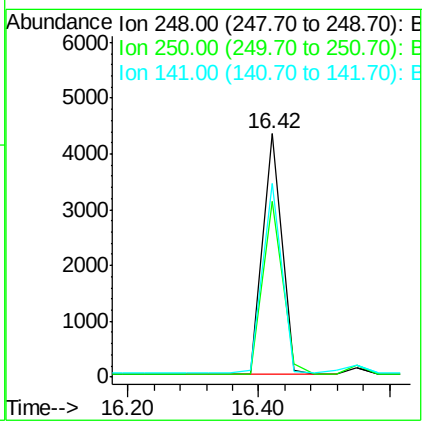


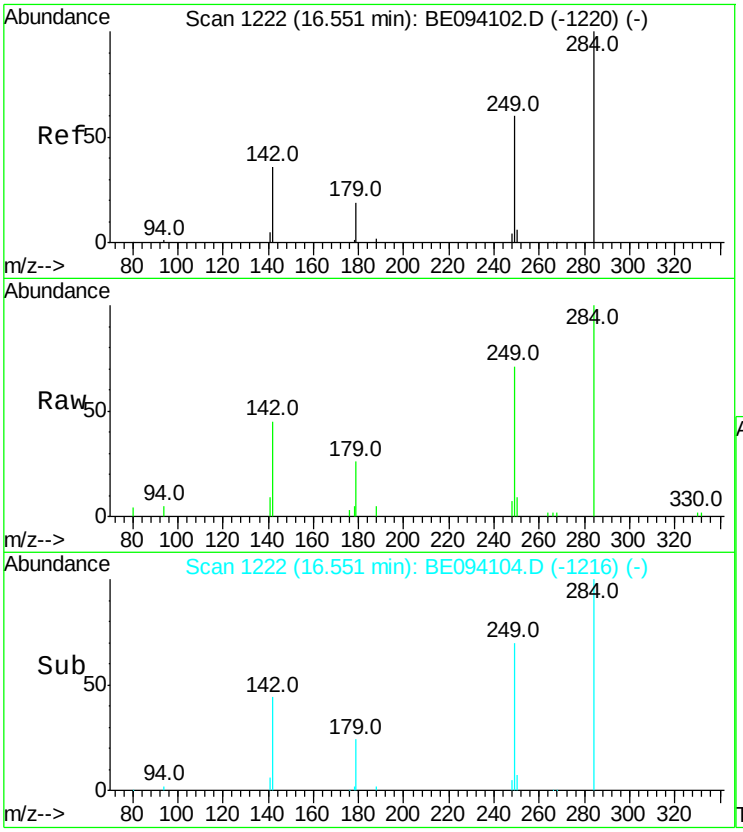


#20
4-Bromophenyl-phenylether
Concen: 1.143 ng
RT: 16.42 min Scan# 1218
Delta R.T. 0.00 min
Lab File: BE094104.D
Acq: 25 Sep 2017 16:08

Tgt Ion:248 Resp: 8631

Ion	Ratio	Lower	Upper
248	100		
250	72.4	62.7	94.1
141	79.7	48.2	72.2#



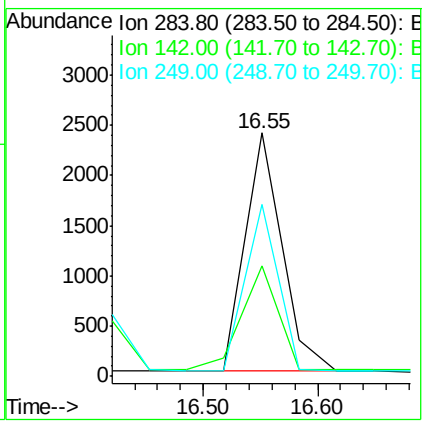


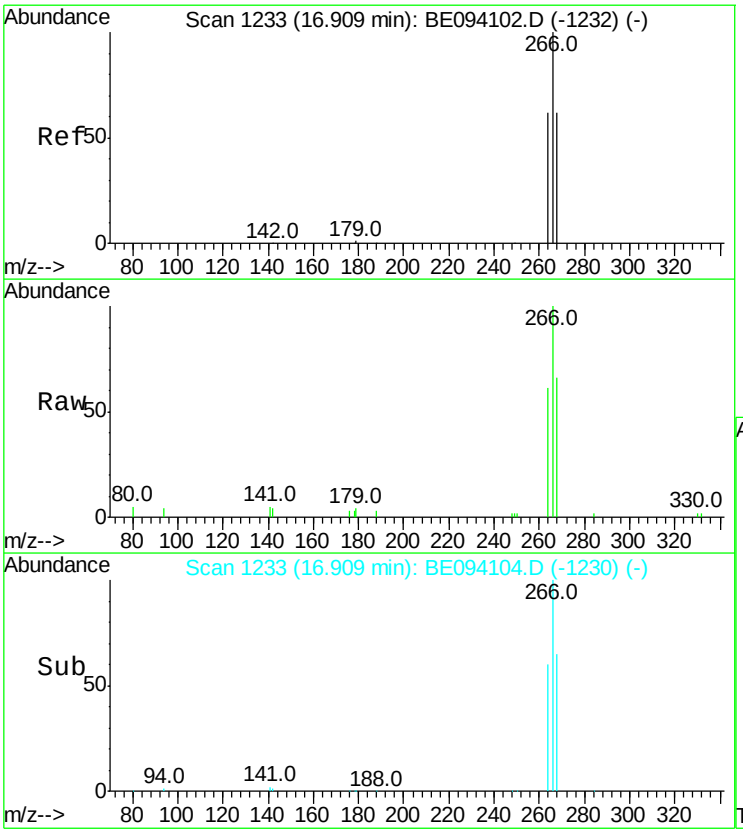
#21
Hexachlorobenzene
Concen: 0.953 ng
RT: 16.55 min Scan# 1222
Delta R.T. 0.00 min
Lab File: BE094104.D
Acq: 25 Sep 2017 16:08

Instrument :
BNA_E
ClientSampleId :
SSTDICC1.6

Tgt Ion:284 Resp: 5281

Ion	Ratio	Lower	Upper
284	100		
142	42.9	22.1	33.1#
249	62.1	34.8	52.2#

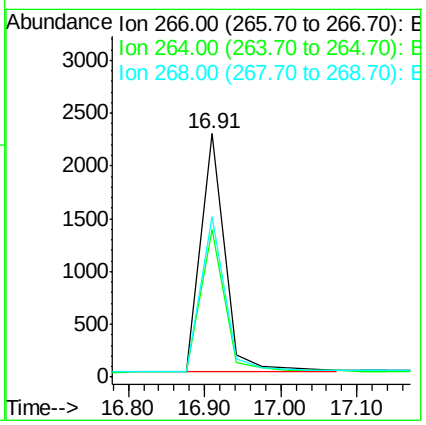


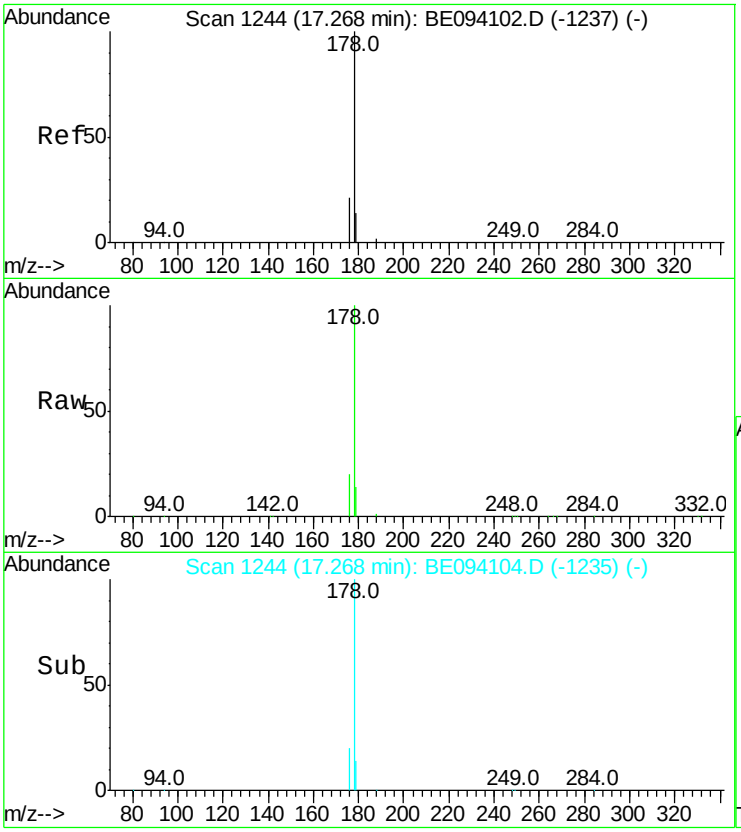


#22
Pentachlorophenol
Concen: 12.424 ng
RT: 16.91 min Scan# 1233
Delta R.T. 0.00 min
Lab File: BE094104.D
Acq: 25 Sep 2017 16:08

Tgt Ion:266 Resp: 4905

Ion	Ratio	Lower	Upper
266	100		
264	60.7	72.5	108.7#
268	65.6	73.8	110.6#



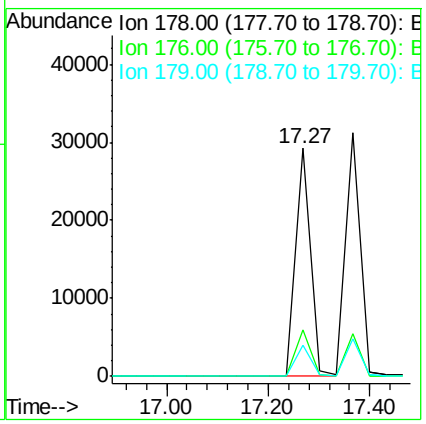


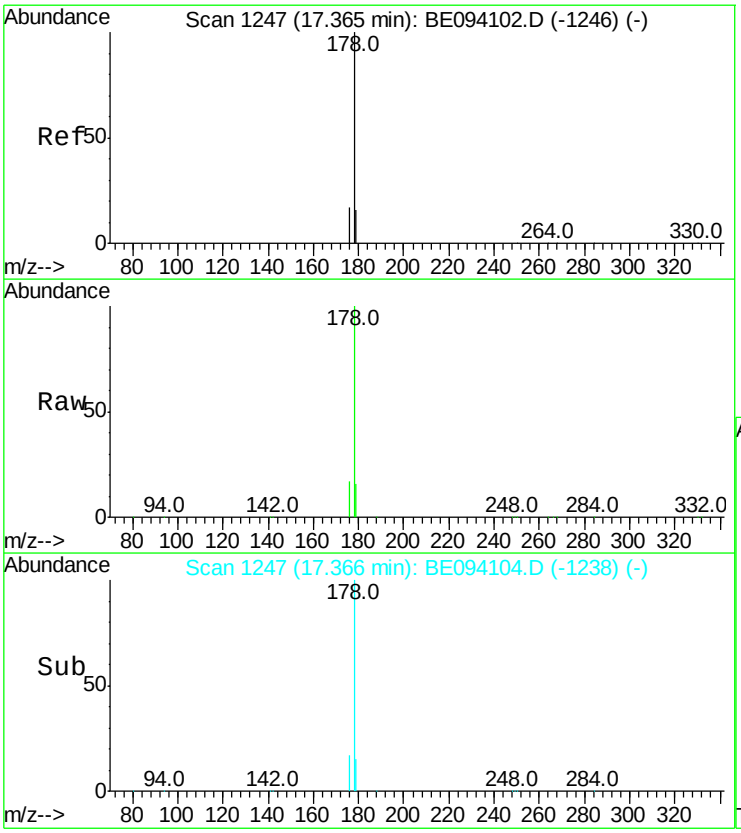
#23
Phenanthrene
Concen: 1.163 ng
RT: 17.27 min Scan# 1244
Delta R.T. 0.00 min
Lab File: BE094104.D
Acq: 25 Sep 2017 16:08

Instrument :
BNA_E
ClientSampleId :
SSTDICC1.6

Tgt Ion:178 Resp: 58836

Ion	Ratio	Lower	Upper
178	100		
176	20.2	15.1	22.7
179	13.7	11.8	17.6

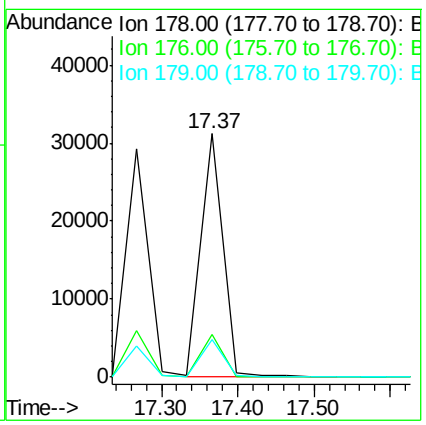


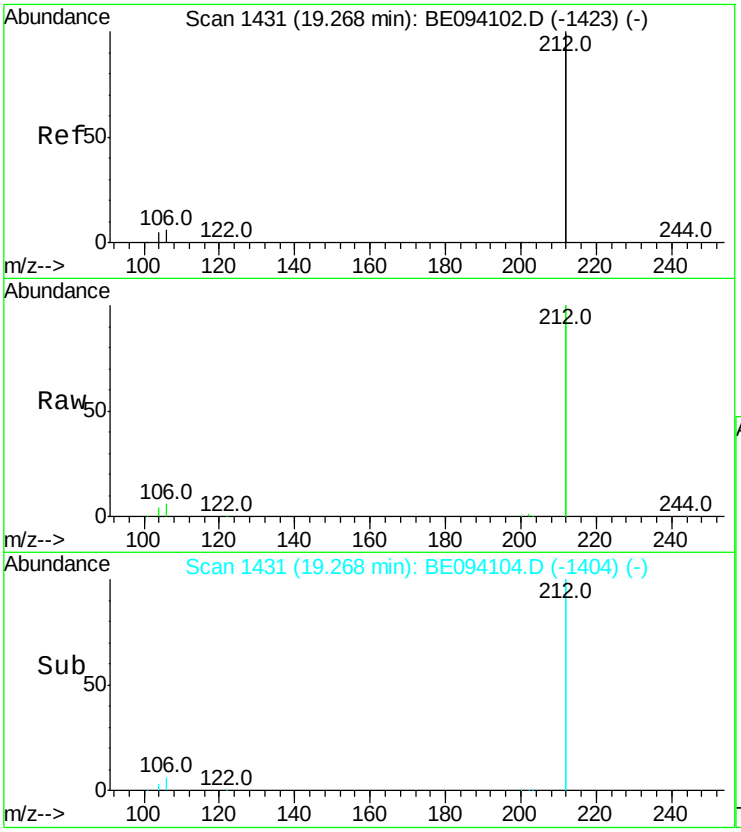


#24
Anthracene
Concen: 1.587 ng
RT: 17.37 min Scan# 1247
Delta R.T. 0.00 min
Lab File: BE094104.D
Acq: 25 Sep 2017 16:08

Tgt Ion:178 Resp: 61928

Ion	Ratio	Lower	Upper
178	100		
176	17.3	12.8	19.2
179	15.4	13.0	19.6



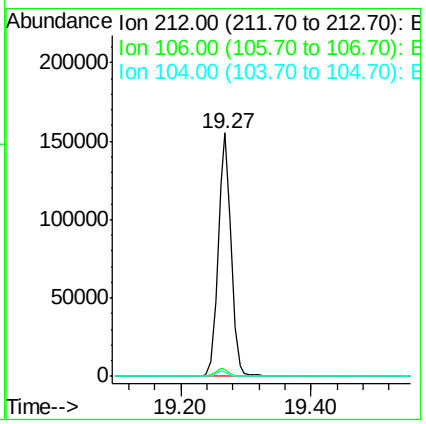


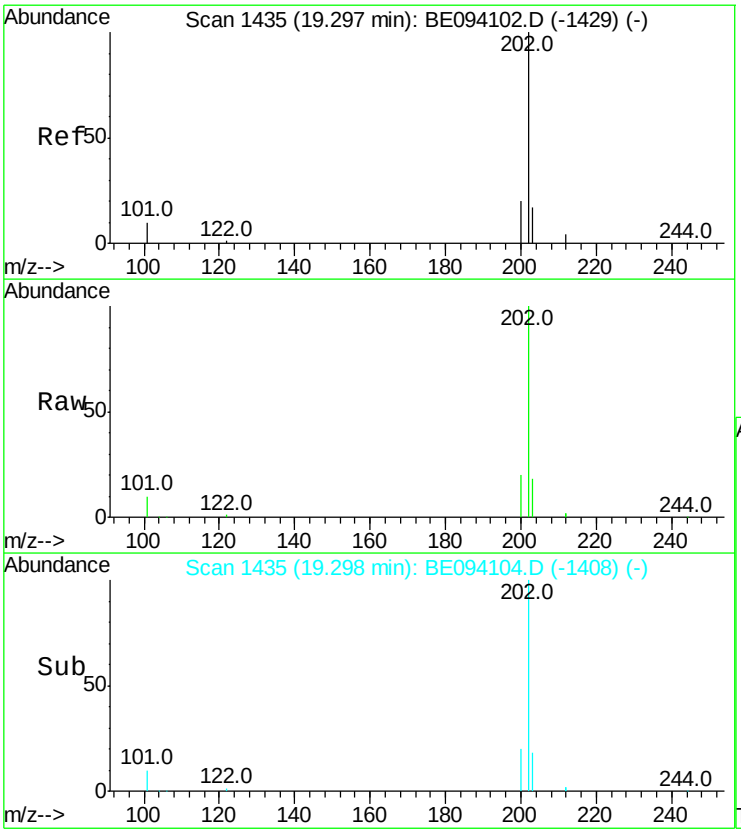
#25
Fluoranthene-d10
Concen: 1.172 ng
RT: 19.27 min Scan# 1431
Delta R.T. 0.00 min
Lab File: BE094104.D
Acq: 25 Sep 2017 16:08

Instrument :
BNA_E
ClientSampleId :
SSTDICC1.6

Tgt Ion:212 Resp: 212455

Ion	Ratio	Lower	Upper
212	100		
106	3.4	2.8	4.2
104	2.2	1.6	2.4

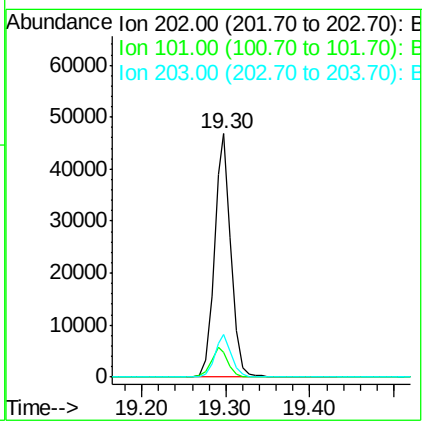


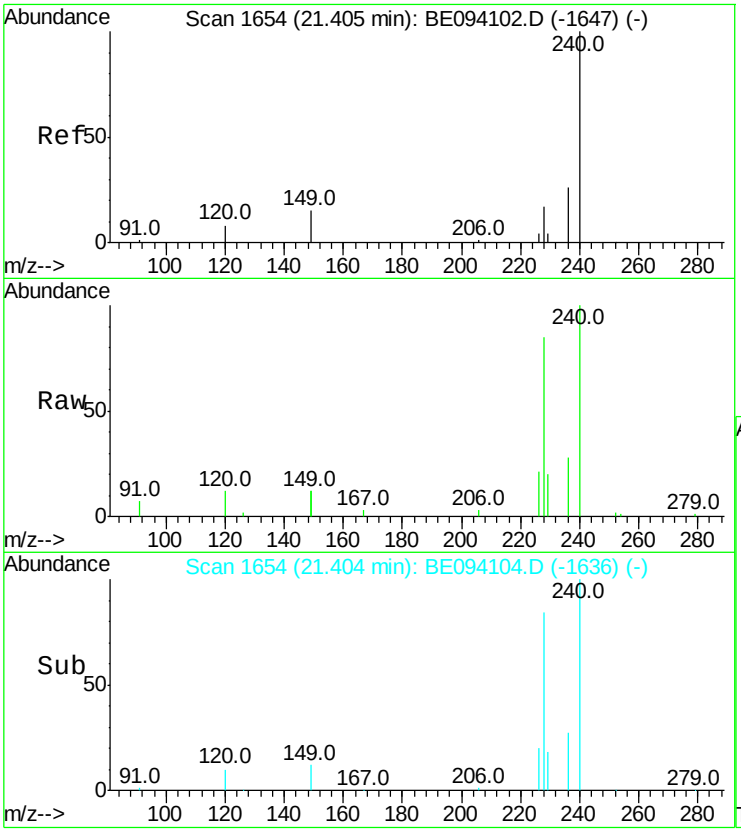


#26
Fluoranthene
Concen: 1.171 ng
RT: 19.30 min Scan# 1435
Delta R.T. 0.00 min
Lab File: BE094104.D
Acq: 25 Sep 2017 16:08

Tgt Ion:202 Resp: 63579

Ion	Ratio	Lower	Upper
202	100		
101	12.3	9.8	14.8
203	17.3	13.7	20.5



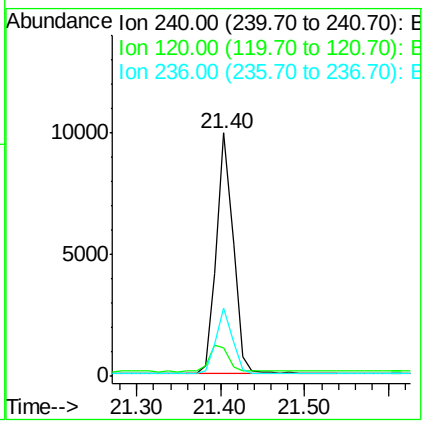


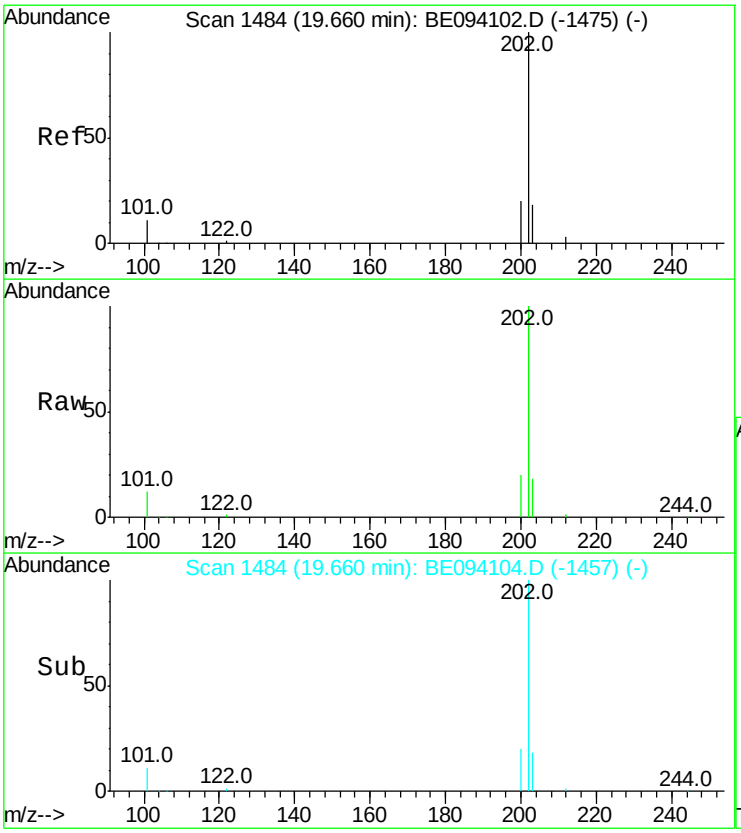
#27
Chrysene-d12
Concen: 0.400 ng
RT: 21.40 min Scan# 1654
Delta R.T. -0.00 min
Lab File: BE094104.D
Acq: 25 Sep 2017 16:08

Instrument :
BNA_E
ClientSampleId :
SSTDICC1.6

Tgt Ion:240 Resp: 13857

Ion	Ratio	Lower	Upper
240	100		
120	11.7	5.5	8.3#
236	27.9	20.7	31.1

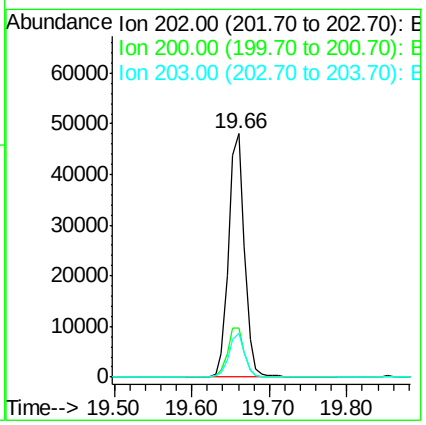


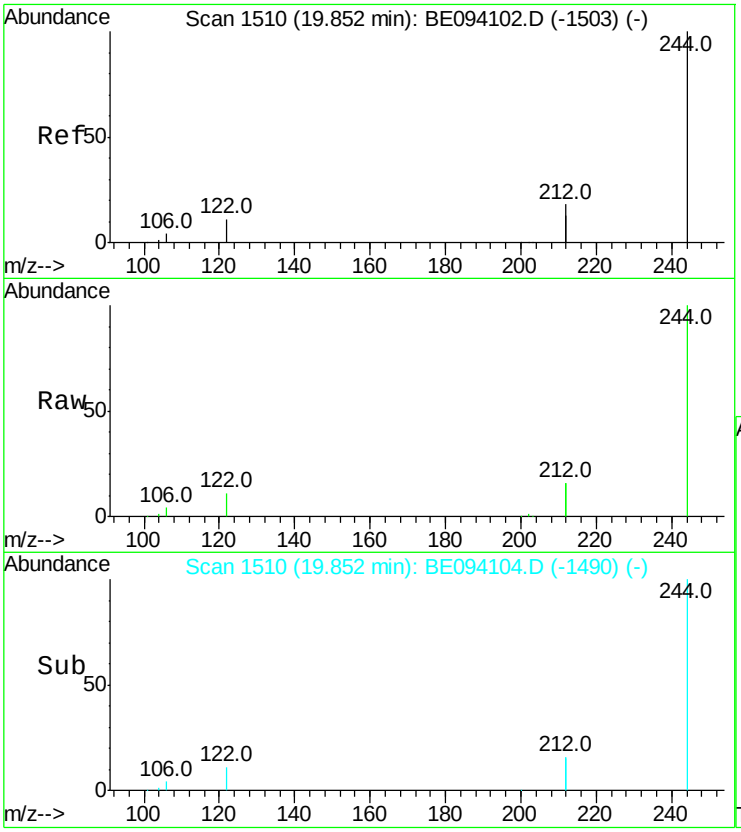


#28
Pyrene
Concen: 1.772 ng
RT: 19.66 min Scan# 1484
Delta R.T. 0.00 min
Lab File: BE094104.D
Acq: 25 Sep 2017 16:08

Tgt Ion:202 Resp: 67949

Ion	Ratio	Lower	Upper
202	100		
200	20.9	16.6	25.0
203	17.6	13.8	20.8



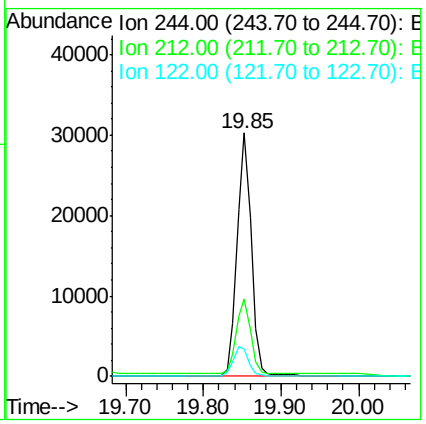


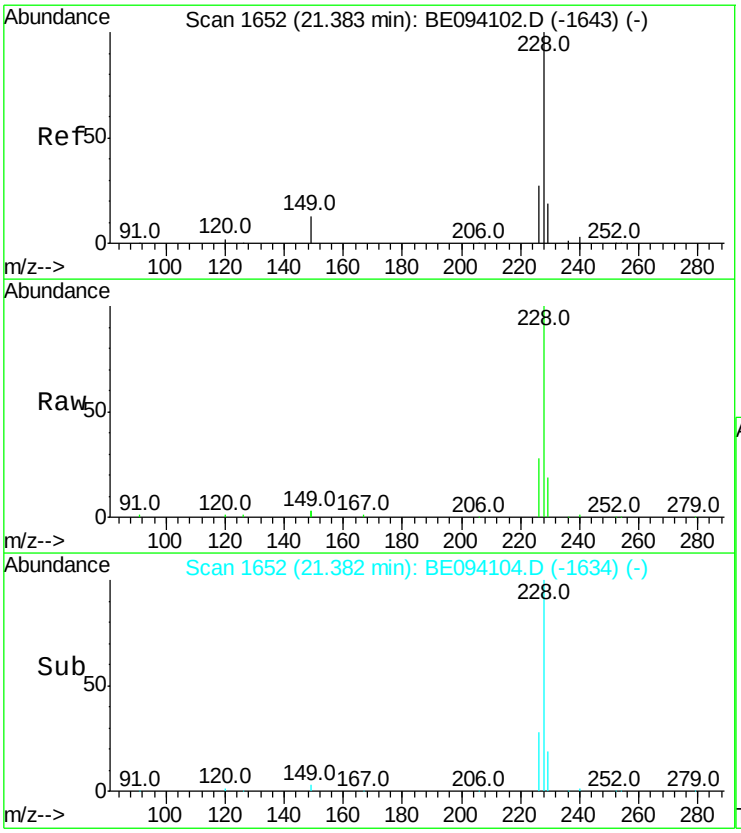
#29
Terphenyl-d14
Concen: 1.754 ng
RT: 19.85 min Scan# 1510
Delta R.T. 0.00 min
Lab File: BE094104.D
Acq: 25 Sep 2017 16:08

Instrument :
BNA_E
ClientSampleId :
SSTDICC1.6

Tgt Ion:244 Resp: 38078

Ion	Ratio	Lower	Upper
244	100		
212	31.7	25.4	38.0
122	11.1	8.1	12.1

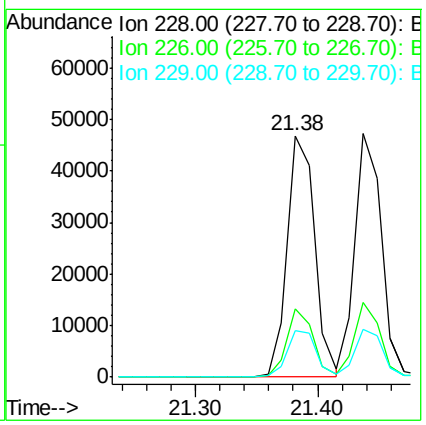


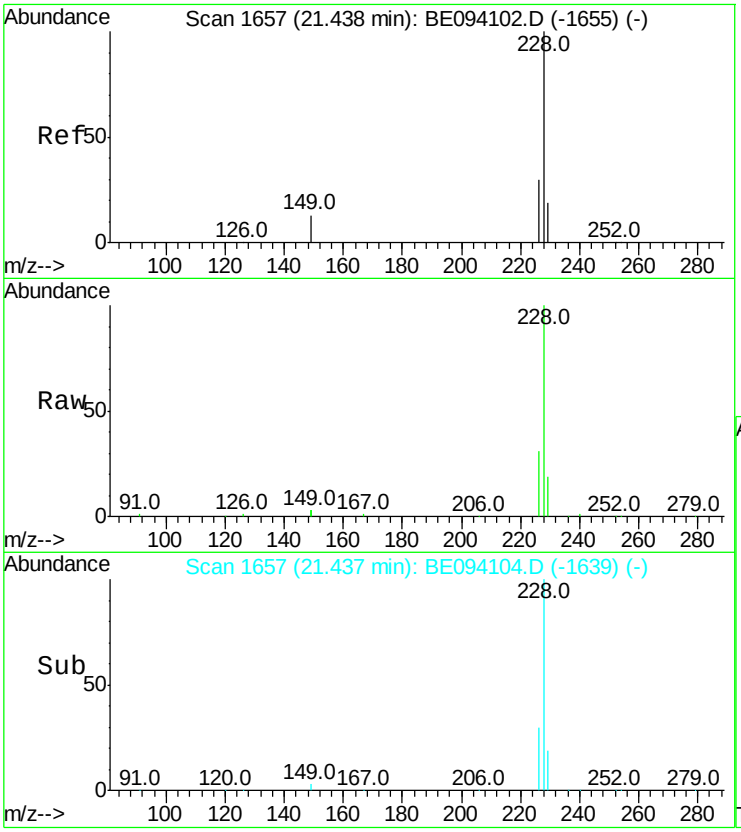


#30
Benzo(a)anthracene
Concen: 1.559 ng
RT: 21.38 min Scan# 1652
Delta R.T. -0.00 min
Lab File: BE094104.D
Acq: 25 Sep 2017 16:08

Tgt Ion:228 Resp: 72345

Ion	Ratio	Lower	Upper
228	100		
226	28.2	21.4	32.0
229	19.3	16.4	24.6



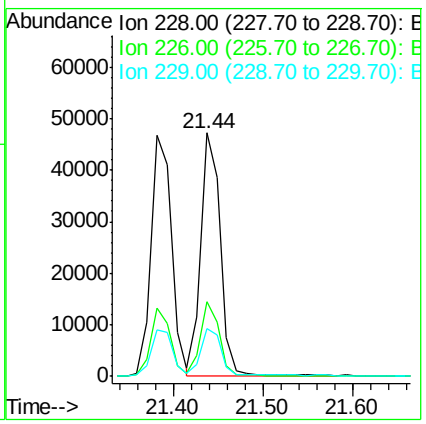


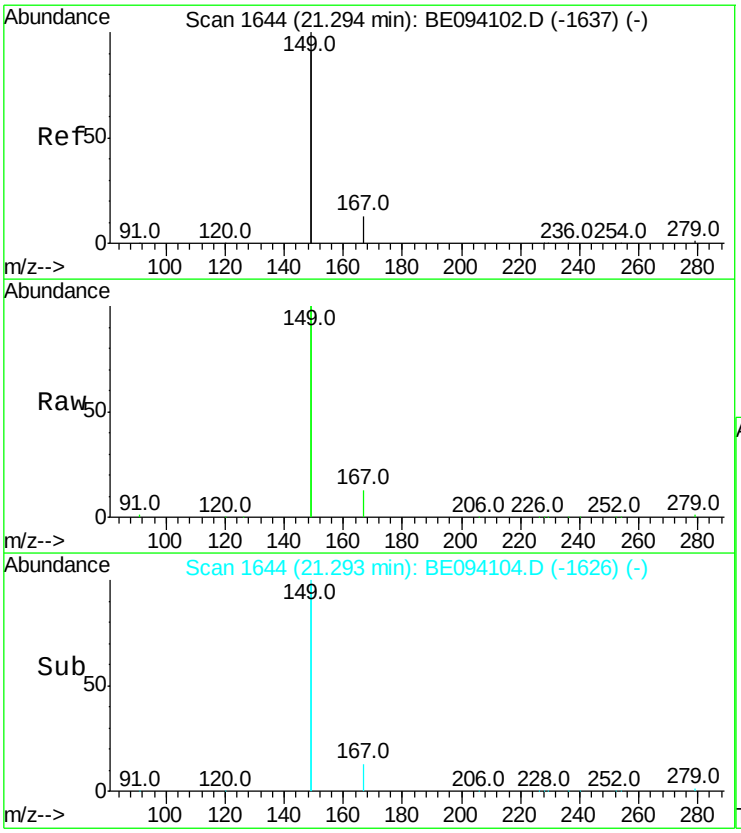
#31
Chrysene
Concen: 1.556 ng
RT: 21.44 min Scan# 1657
Delta R.T. -0.00 min
Lab File: BE094104.D
Acq: 25 Sep 2017 16:08

Instrument :
BNA_E
ClientSampleId :
SSTDICC1.6

Tgt Ion:228 Resp: 70782

Ion	Ratio	Lower	Upper
228	100		
226	30.5	23.6	35.4
229	19.4	16.4	24.6

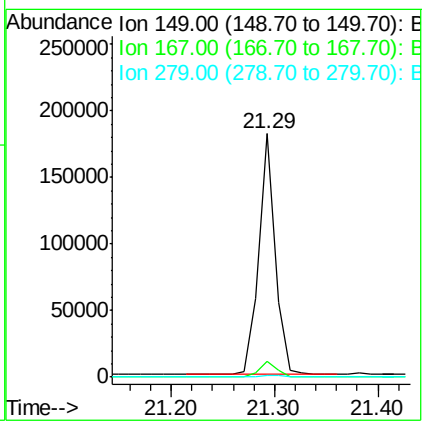


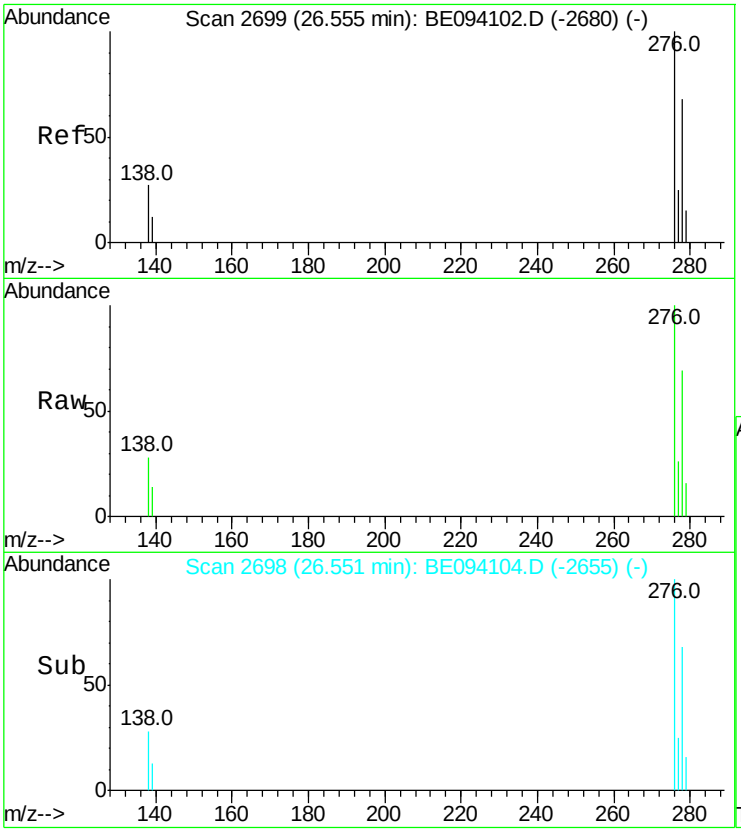


#32
Bis(2-ethylhexyl)phthalate
Concen: 1.599 ng
RT: 21.29 min Scan# 1644
Delta R.T. -0.00 min
Lab File: BE094104.D
Acq: 25 Sep 2017 16:08

Tgt Ion:149 Resp: 199365

Ion	Ratio	Lower	Upper
149	100		
167	6.7	5.4	8.0
279	0.8	0.7	1.1



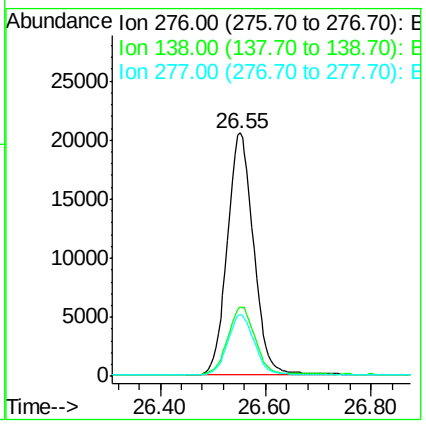


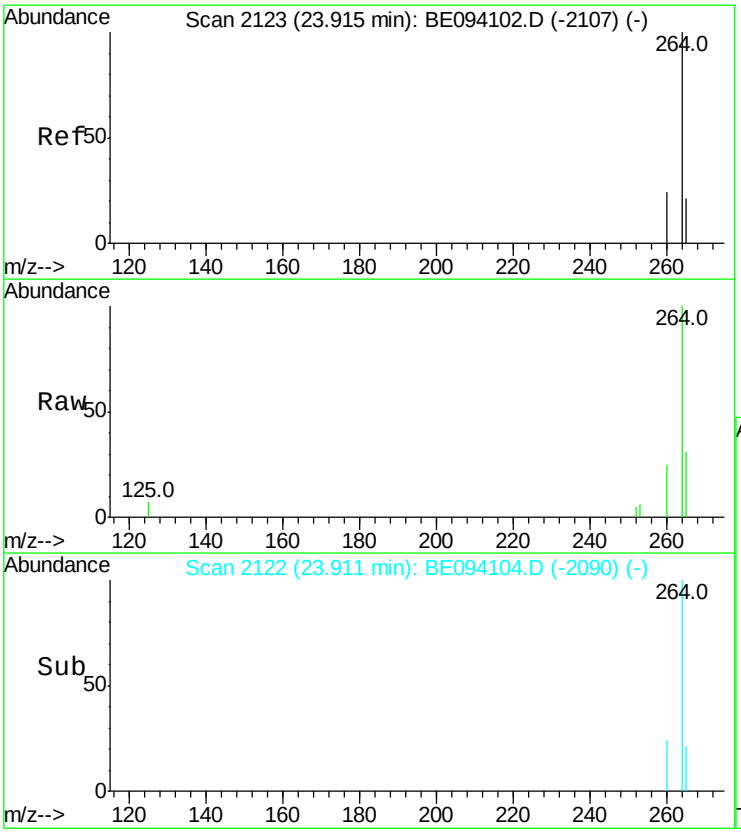
#33
Indeno(1,2,3-cd)pyrene
Concen: 2.025 ng
RT: 26.55 min Scan# 2698
Delta R.T. -0.00 min
Lab File: BE094104.D
Acq: 25 Sep 2017 16:08

Instrument :
BNA_E
ClientSampleId :
SSTDICC1.6

Tgt Ion:276 Resp: 71181

Ion	Ratio	Lower	Upper
276	100		
138	28.6	22.5	33.7
277	25.2	19.9	29.9

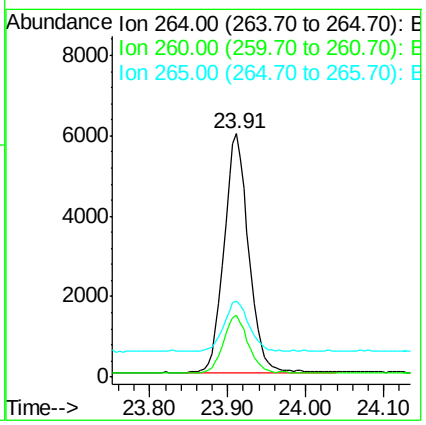


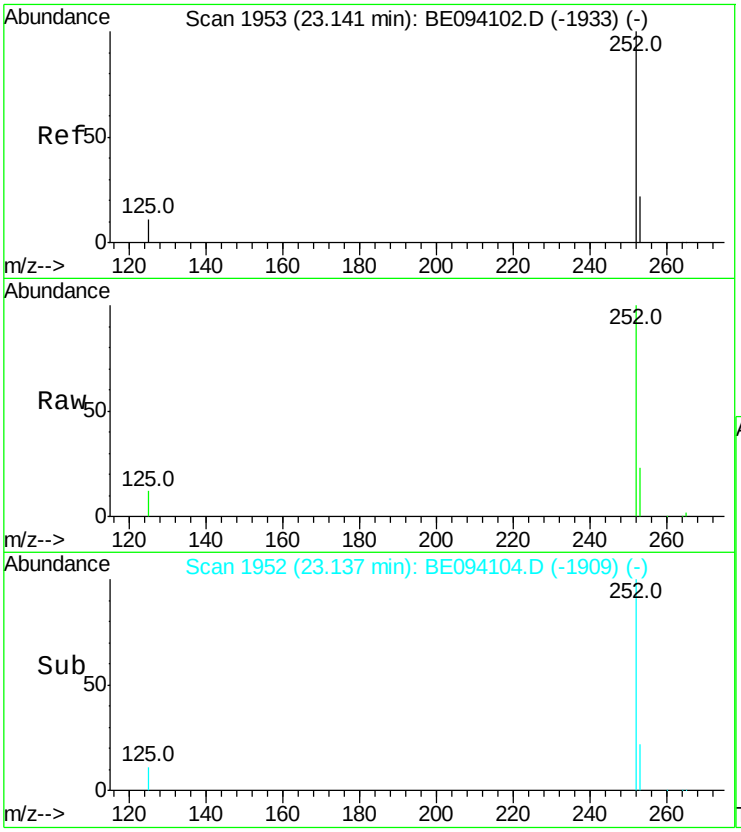


#34
Perylene-d12
Concen: 0.400 ng
RT: 23.91 min Scan# 2122
Delta R.T. -0.00 min
Lab File: BE094104.D
Acq: 25 Sep 2017 16:08

Tgt Ion:264 Resp: 12993

Ion	Ratio	Lower	Upper
264	100		
260	25.3	20.5	30.7
265	31.1	22.8	34.2



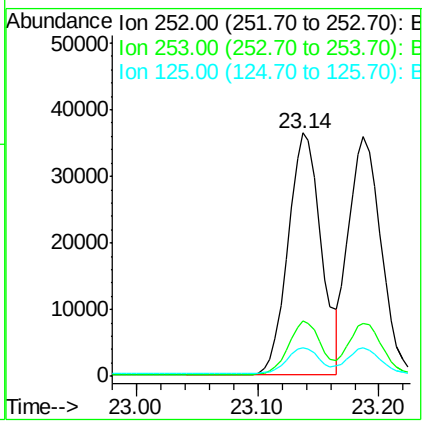


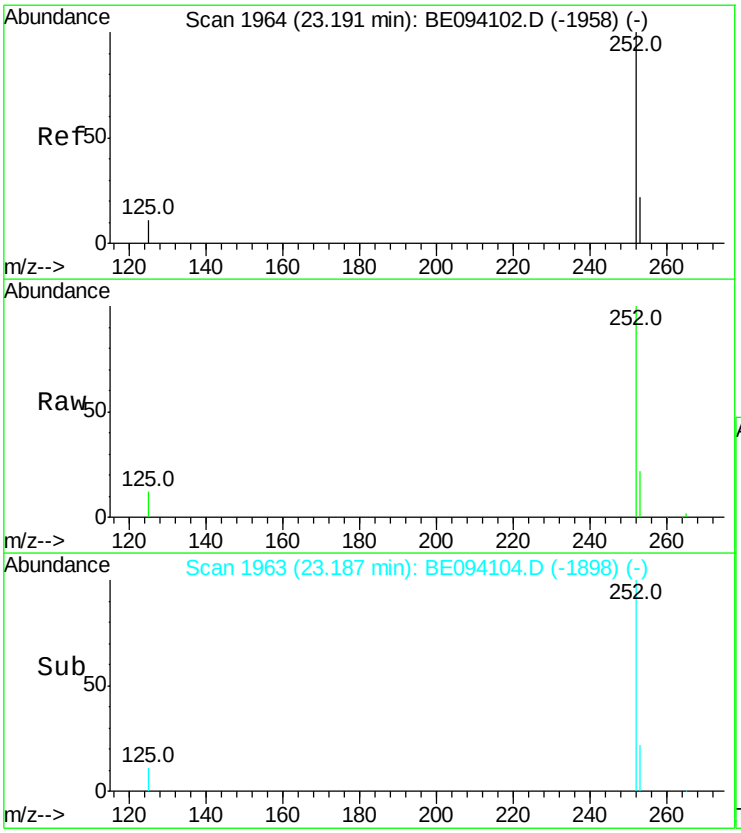
#35
Benzo(b)fluoranthene
Concen: 1.467 ng
RT: 23.14 min Scan# 1952
Delta R.T. -0.00 min
Lab File: BE094104.D
Acq: 25 Sep 2017 16:08

Instrument :
BNA_E
ClientSampleId :
SSTDICC1.6

Tgt Ion:252 Resp: 68997

Ion	Ratio	Lower	Upper
252	100		
253	22.6	18.2	27.2
125	11.9	10.1	15.1

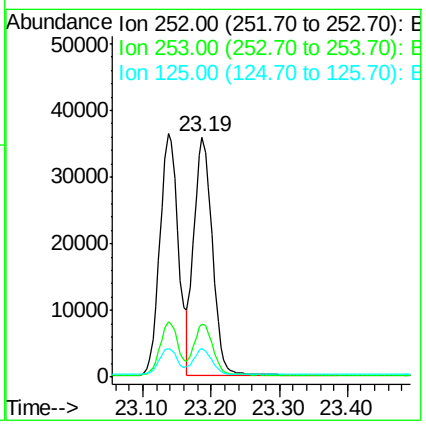


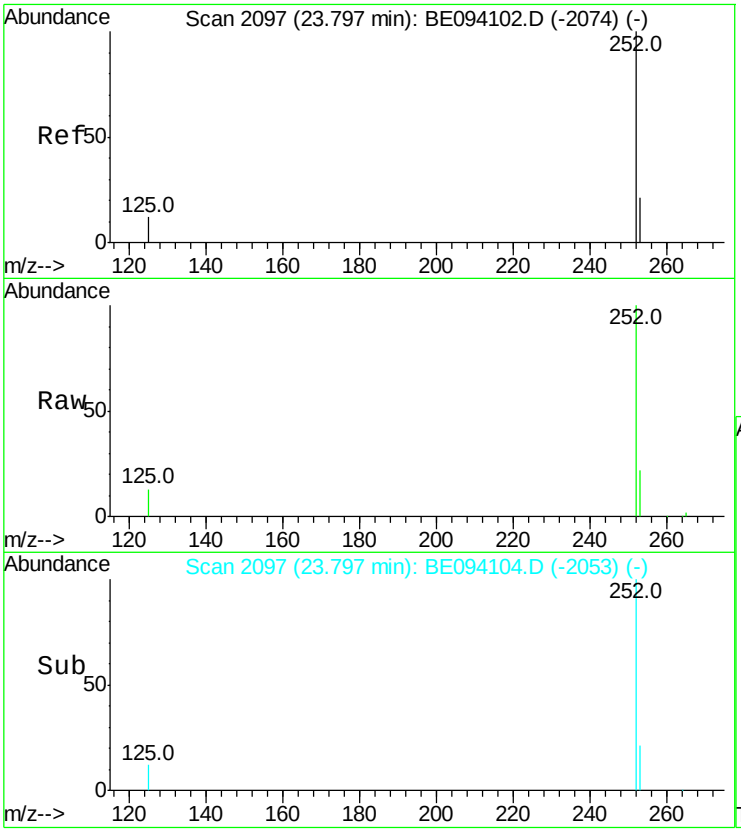


#36
Benzo(k)fluoranthene
Concen: 1.432 ng
RT: 23.19 min Scan# 1963
Delta R.T. -0.00 min
Lab File: BE094104.D
Acq: 25 Sep 2017 16:08

Tgt Ion:252 Resp: 67580

Ion	Ratio	Lower	Upper
252	100		
253	22.3	18.6	27.8
125	11.9	10.7	16.1



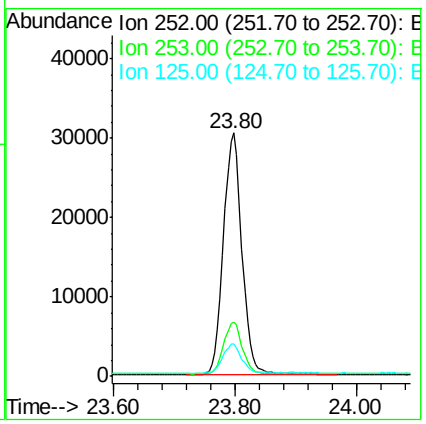


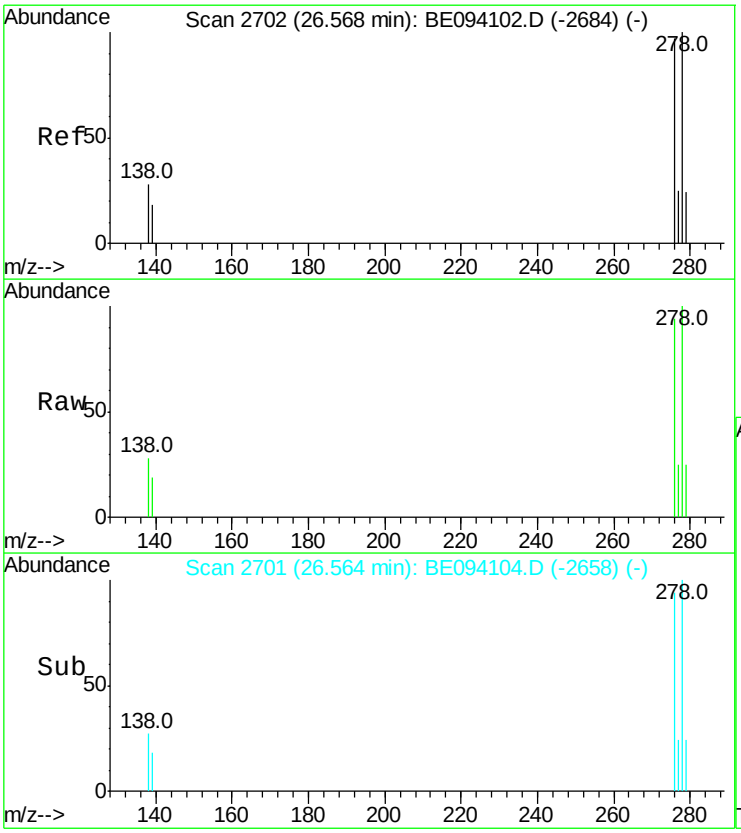
#37
Benzo(a)pyrene
Concen: 1.537 ng
RT: 23.80 min Scan# 2097
Delta R.T. 0.00 min
Lab File: BE094104.D
Acq: 25 Sep 2017 16:08

Instrument :
BNA_E
ClientSampleId :
SSTDICC1.6

Tgt Ion:252 Resp: 64914

Ion	Ratio	Lower	Upper
252	100		
253	22.3	19.0	28.6
125	13.3	11.8	17.8

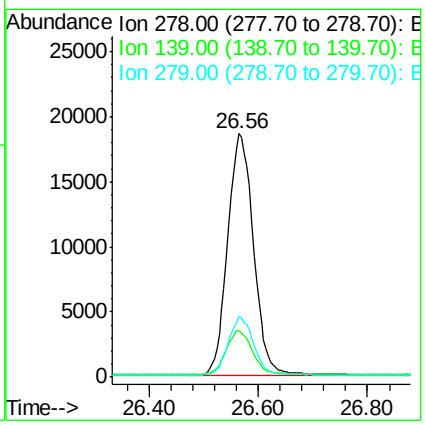


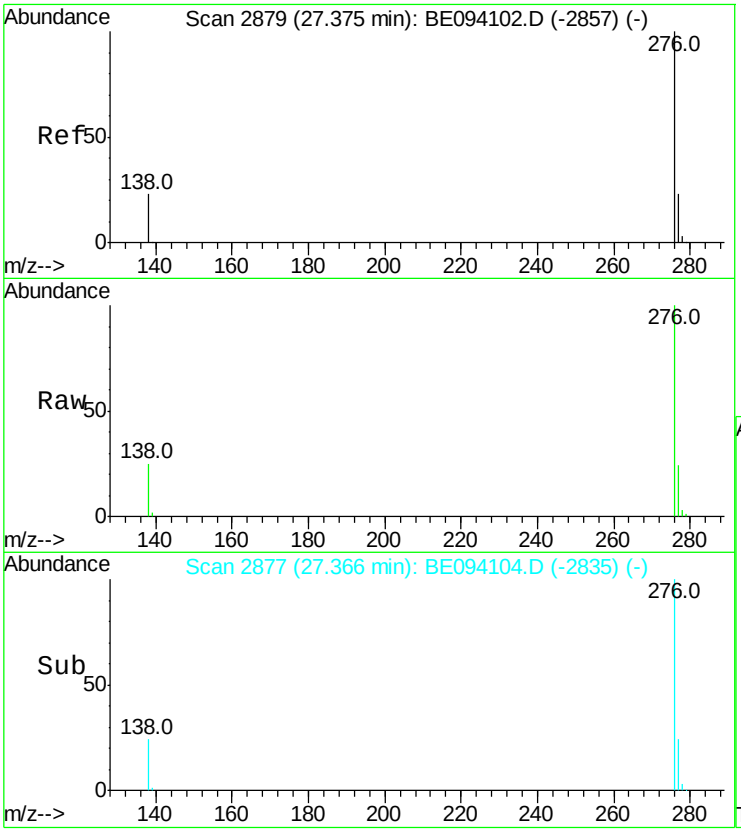


#38
Dibenzo(a,h)anthracene
Concen: 1.813 ng
RT: 26.56 min Scan# 2701
Delta R.T. -0.00 min
Lab File: BE094104.D
Acq: 25 Sep 2017 16:08

Tgt Ion:278 Resp: 61291

Ion	Ratio	Lower	Upper
278	100		
139	19.2	16.3	24.5
279	24.6	19.9	29.9





#39
Benzo(g,h,i)perylene
Concen: 1.795 ng
RT: 27.37 min Scan# 2877
Delta R.T. -0.01 min
Lab File: BE094104.D
Acq: 25 Sep 2017 16:08

Instrument :
BNA_E
ClientSampleId :
SSTDICC1.6

Tgt Ion:276 Resp: 60659

Ion	Ratio	Lower	Upper
276	100		
277	24.1	20.8	31.2
138	25.4	21.5	32.3