Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA E\DATA\BE100617\
Data File : BE094177.D
Acq On : 6 Oct 2017 13:16
Operator : SJ/JU
Sample : SSTDICC0.8
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument : BNA_E
ClientSampleId : SSTDICC0.8

Quant Time: Oct 06 13:52:04 2017
Quant Method : Z:\HPCHEM1\BNA E\METHODS\8270-SIM-BE100617.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Oct 06 12:02:32 2017
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.91	152	1377	0.40	ng		0.00
7) Naphthalene-d8	10.69	136	6845	0.40	ng		0.00
13) Acenaphthene-d10	14.51	164	4083	0.40	ng		0.00
19) Phenanthrene-d10	17.24	188	11564	0.40	ng		0.00
27) Chrysene-d12	21.40	240	10274	0.40	ng		0.00
34) Perylene-d12	23.91	264	9444	0.40	ng		0.00
System Monitoring Compounds							
4) 2-Fluorophenol	5.50	112	3681	0.71	ng		0.00
5) Phenol-d6	7.09	99	5309	0.73	ng		0.00
8) Nitrobenzene-d5	9.04	82	4555	0.69	ng		-0.02
11) 2-Methylnaphthalene-d10	12.27	152	8464	0.80	ng		0.00
14) 2,4,6-Tribromophenol	16.00	330	1412	0.54	ng		0.00
15) 2-Fluorobiphenyl	13.13	172	11204	0.83	ng		0.00
25) Fluoranthene-d10	19.27	212	90723	0.81	ng		0.00
29) Terphenyl-d14	19.85	244	15680	0.84	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.43	88	1901	0.708	ng	#	82
3) n-Nitrosodimethylamine	3.74	42	2106	0.614	ng	#	94
6) bis(2-Chloroethyl)ether	7.33	93	4317	0.768	ng		94
9) Naphthalene	10.74	128	61003	0.789	ng		99
10) Hexachlorobutadiene	11.01	225	2252	0.777	ng		98
12) 2-Methylnaphthalene	12.34	142	10193	0.815	ng		99
16) Acenaphthylene	14.23	152	16565	0.809	ng		99
17) Acenaphthene	14.57	154	10951	0.856	ng		98
18) Fluorene	15.55	166	14493	0.835	ng		99
20) 4-Bromophenyl-phenylether	16.42	248	5476	1.154	ng	#	80
21) Hexachlorobenzene	16.55	284	5022	1.677	ng	#	84
22) Pentachlorophenol	16.91	266	1295	0.472	ng	#	74
23) Phenanthrene	17.27	178	33551	1.134	ng		99
24) Anthracene	17.37	178	24182	0.779	ng		99
26) Fluoranthene	19.30	202	27747	0.837	ng		100
28) Pyrene	19.65	202	28604	0.879	ng		100
30) Benzo(a)anthracene	21.38	228	26824	0.775	ng		99
31) Chrysene	21.44	228	26505	0.794	ng		99
32) Bis(2-ethylhexyl)phthalate	21.29	149	58942	0.356	ng		99
33) Indeno(1,2,3-cd)pyrene	26.54	276	26067	0.730	ng		100
35) Benzo(b)fluoranthene	23.13	252	25556	0.750	ng		99
36) Benzo(k)fluoranthene	23.18	252	25564	0.784	ng		98
37) Benzo(a)pyrene	23.79	252	24060	0.781	ng		97
38) Dibenzo(a,h)anthracene	26.56	278	22157	0.760	ng		98
39) Benzo(g,h,i)perylene	27.36	276	22637	0.784	ng		96

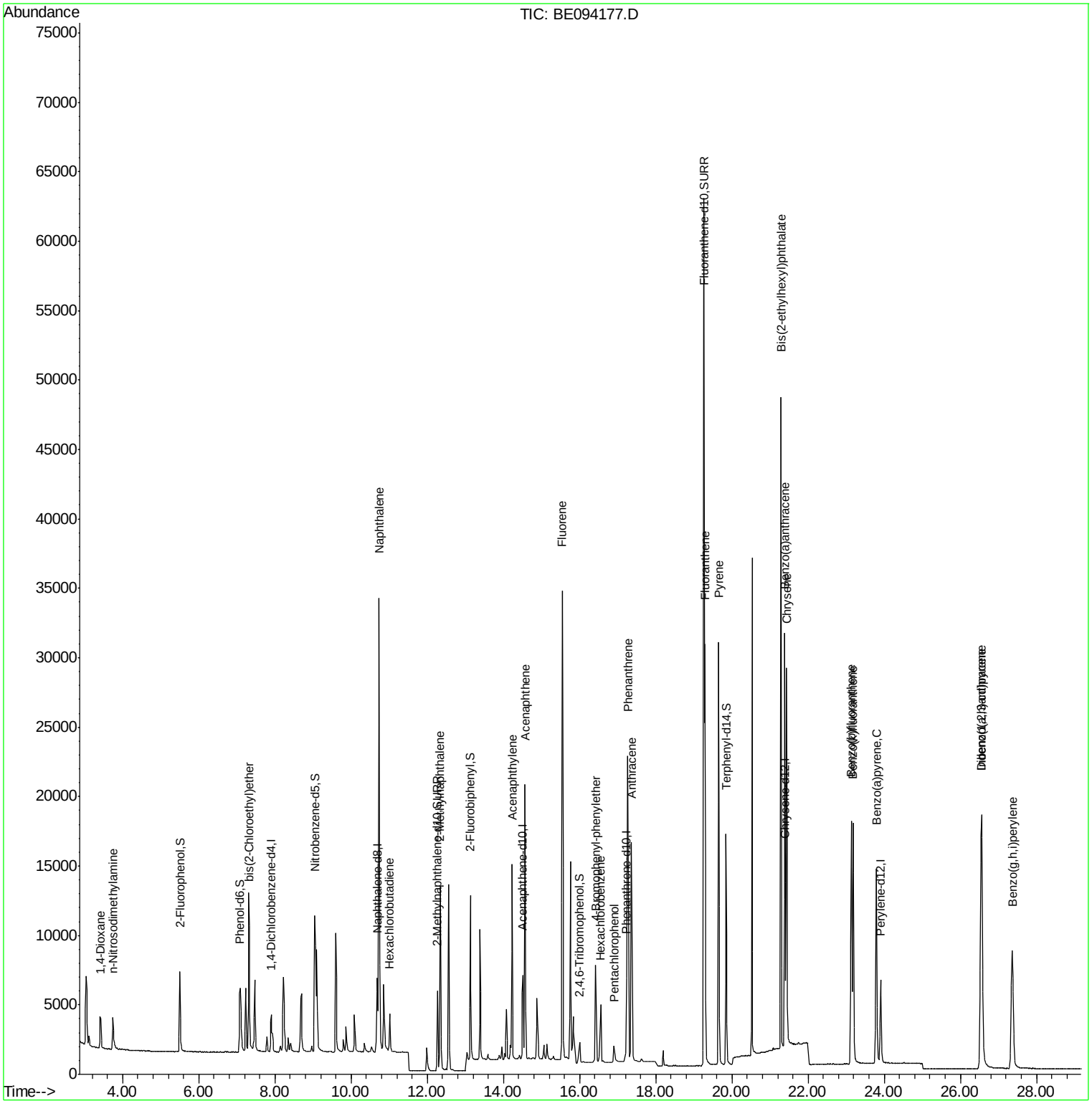
(#) = qualifier out of range (m) = manual integration (+) = signals summed

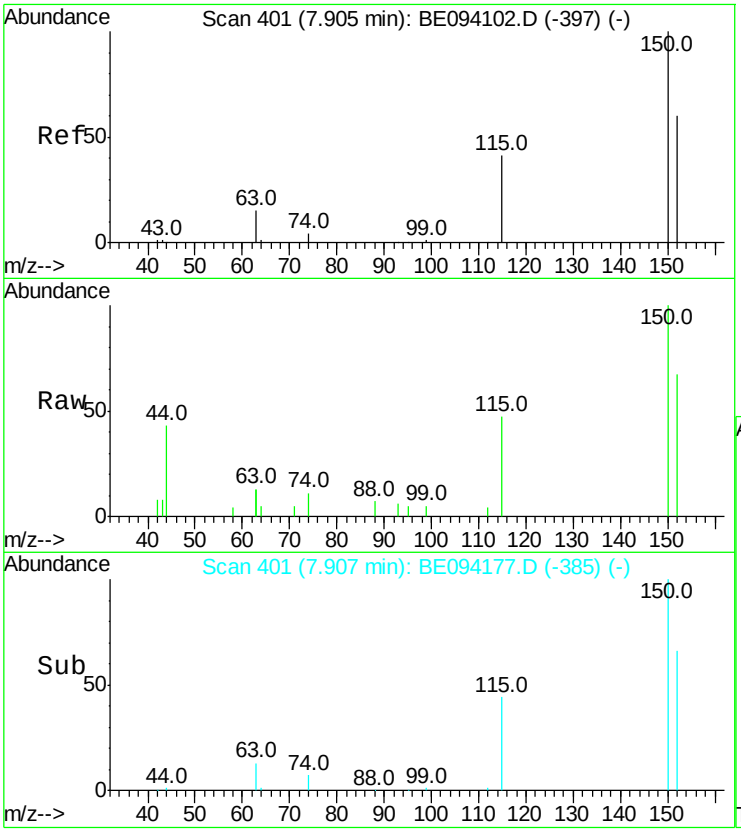
Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA E\DATA\BE100617\
Data File : BE094177.D
Acq On : 6 Oct 2017 13:16
Operator : SJ/JU
Sample : SSTDICC0.8
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
BNA_E
ClientSampleId :
SSTDICC0.8

Quant Time: Oct 06 13:52:04 2017
Quant Method : Z:\HPCHEM1\BNA E\METHODS\8270-SIM-BE100617.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Oct 06 12:02:32 2017
Response via : Initial Calibration



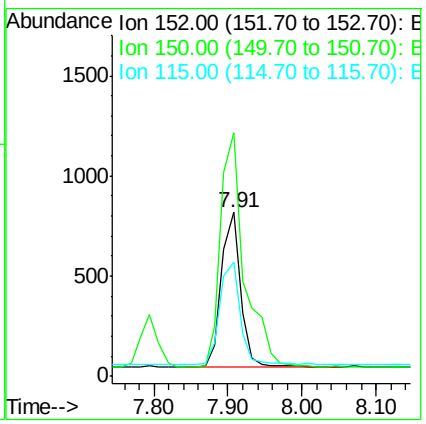


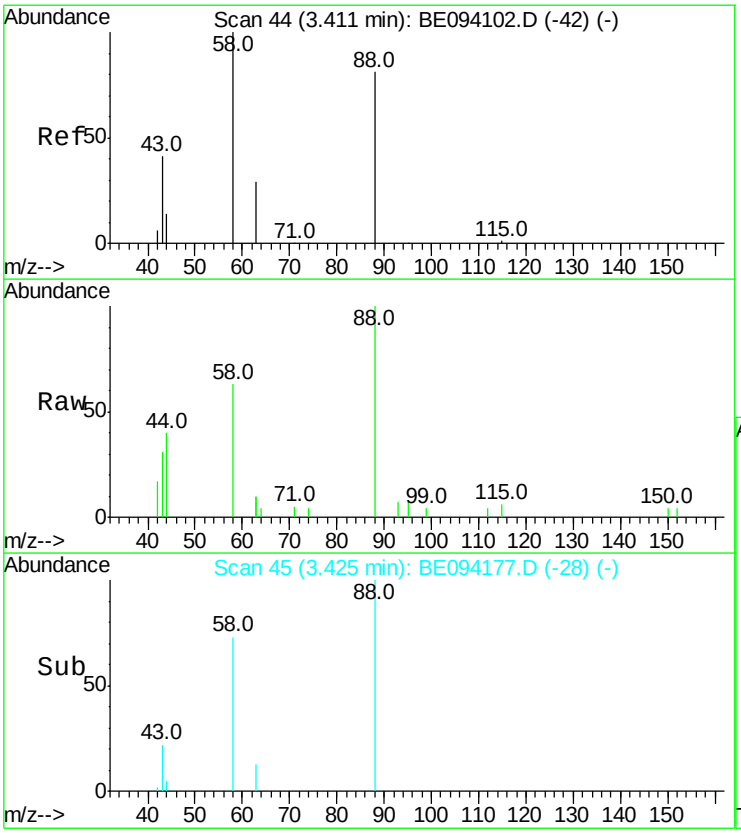
#1
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.91 min Scan# 401
Delta R.T. 0.00 min
Lab File: BE094177.D
Acq: 6 Oct 2017 13:16

Instrument :
BNA_E
ClientSampleId :
SSTDICC0.8

Tgt Ion:152 Resp: 1377

Ion	Ratio	Lower	Upper
152	100		
150	148.7	117.2	175.8
115	69.8	57.0	85.6

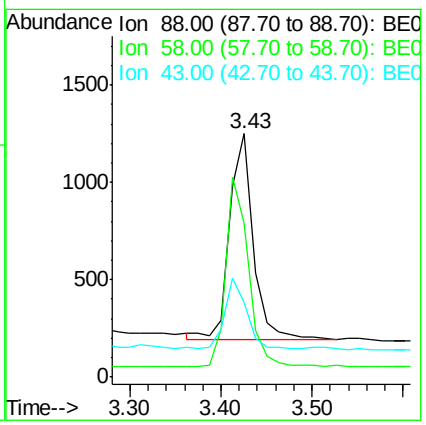


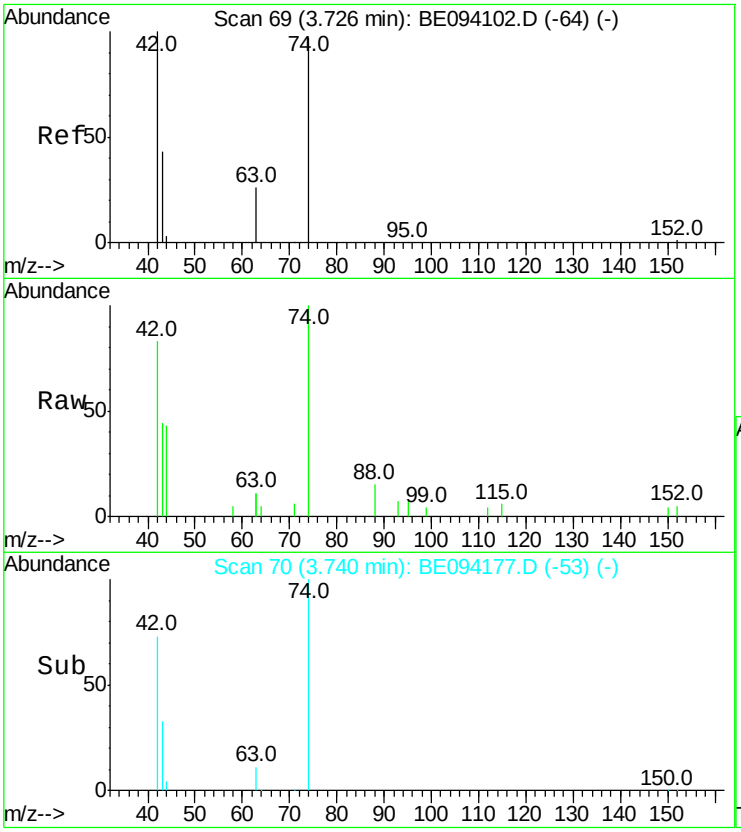


#2
1,4-Dioxane
Concen: 0.708 ng
RT: 3.43 min Scan# 45
Delta R.T. 0.01 min
Lab File: BE094177.D
Acq: 6 Oct 2017 13:16

Tgt Ion: 88 Resp: 1901

Ion	Ratio	Lower	Upper
88	100		
58	88.7	63.2	94.8
43	31.7	41.2	61.8#



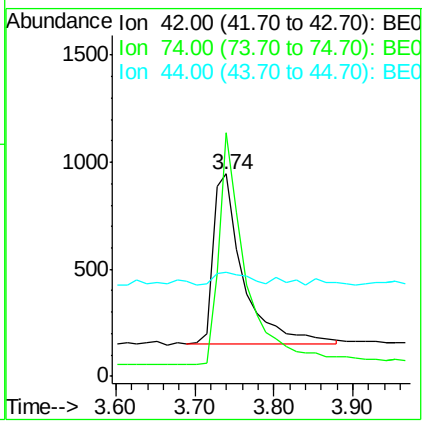


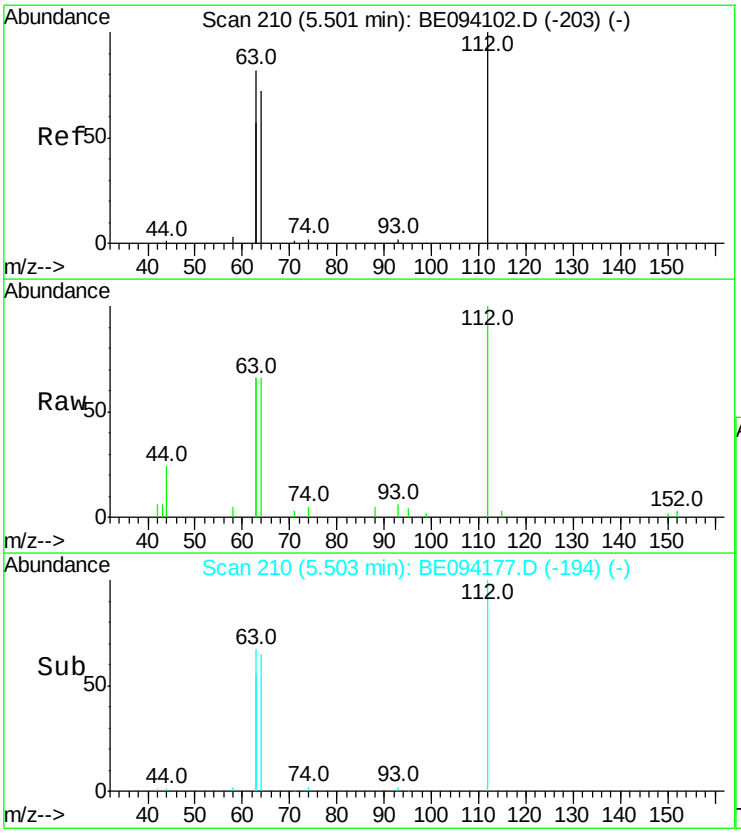
#3
n-Nitrosodimethylamine
Concen: 0.614 ng
RT: 3.74 min Scan# 70
Delta R.T. 0.01 min
Lab File: BE094177.D
Acq: 6 Oct 2017 13:16

Instrument :
BNA_E
ClientSampleId :
SSTDICC0.8

Tgt Ion: 42 Resp: 2106

Ion	Ratio	Lower	Upper
42	100		
74	122.9	100.3	150.5
44	8.1	17.0	25.4#

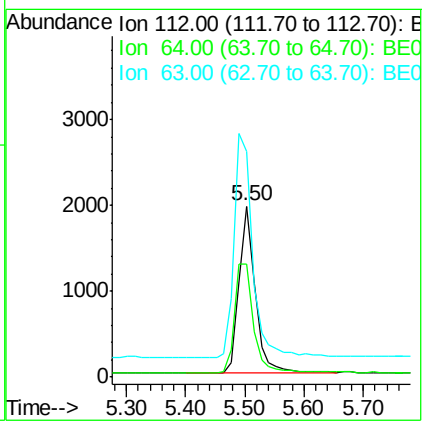


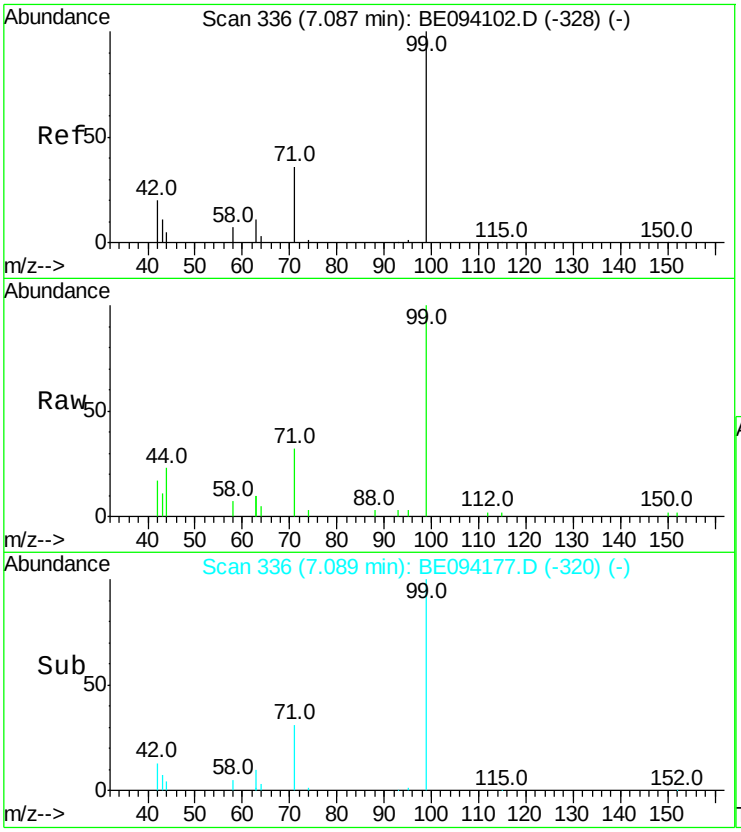


#4
2-Fluorophenol
Concen: 0.705 ng
RT: 5.50 min Scan# 210
Delta R.T. 0.00 min
Lab File: BE094177.D
Acq: 6 Oct 2017 13:16

Tgt Ion:112 Resp: 3681

Ion	Ratio	Lower	Upper
112	100		
64	76.2	60.1	90.1
63	153.0	116.8	175.2



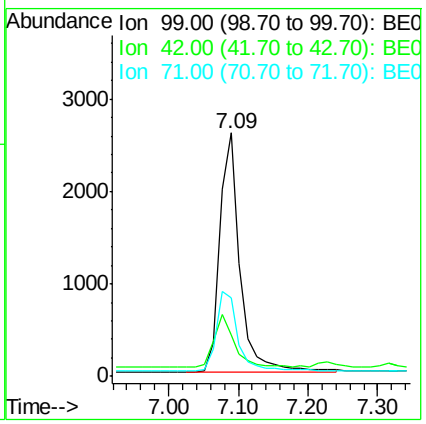


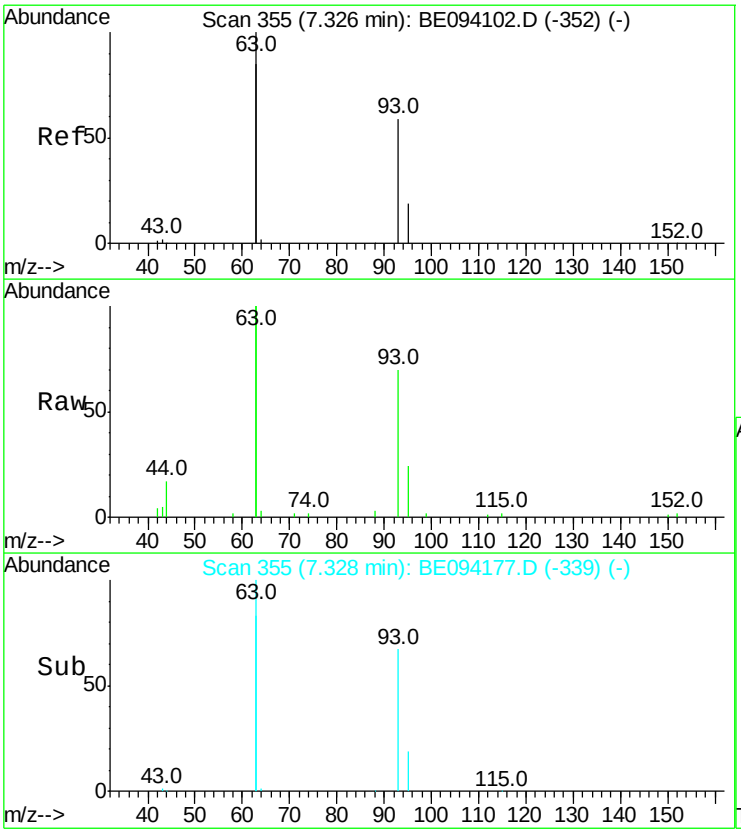
#5
Phenol-d6
Concen: 0.732 ng
RT: 7.09 min Scan# 336
Delta R.T. 0.00 min
Lab File: BE094177.D
Acq: 6 Oct 2017 13:16

Instrument :
BNA_E
ClientSampleId :
SSTDICC0.8

Tgt Ion: 99 Resp: 5309

Ion	Ratio	Lower	Upper
99	100		
42	22.2	20.2	30.2
71	35.9	28.4	42.6

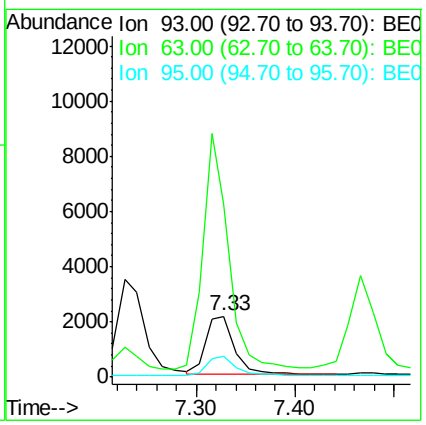


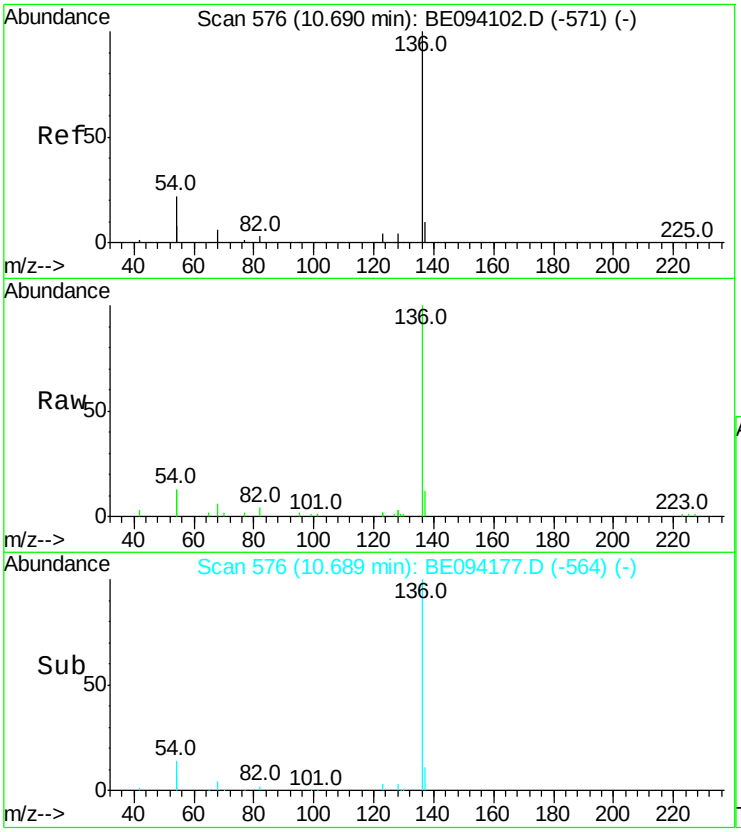


#6
bis(2-Chloroethyl)ether
Concen: 0.768 ng
RT: 7.33 min Scan# 355
Delta R.T. 0.00 min
Lab File: BE094177.D
Acq: 6 Oct 2017 13:16

Tgt Ion: 93 Resp: 4317

Ion	Ratio	Lower	Upper
93	100		
63	357.6	275.3	412.9
95	32.1	25.2	37.8



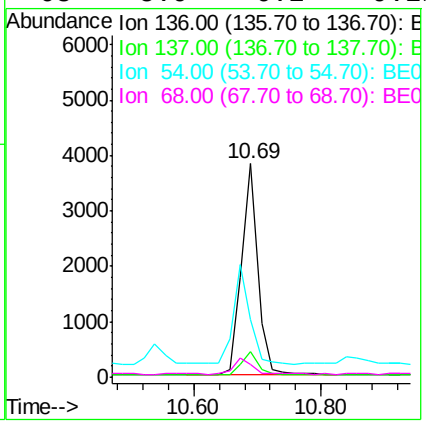


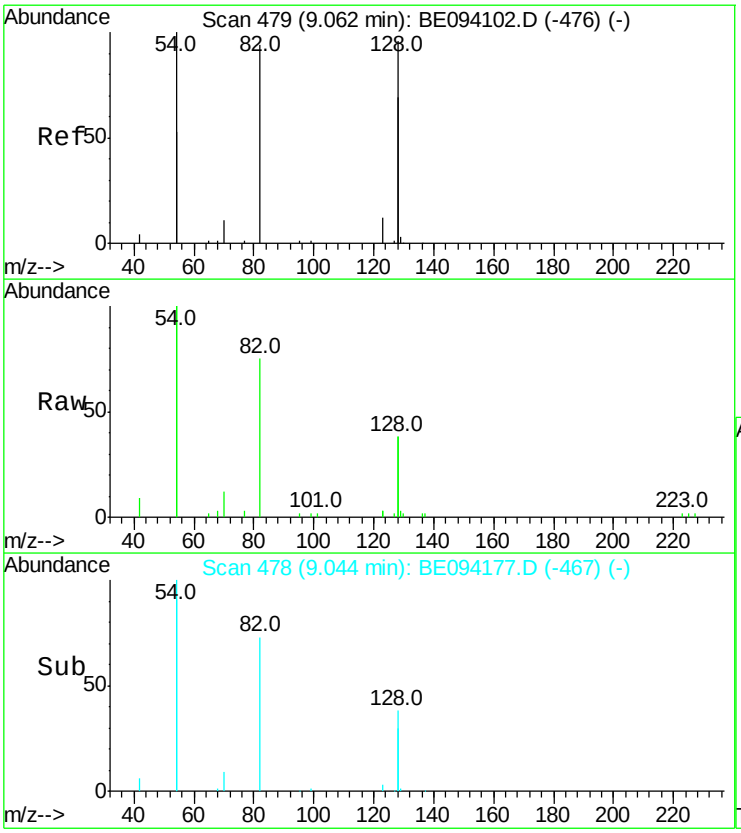
#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.69 min Scan# 576
Delta R.T. -0.00 min
Lab File: BE094177.D
Acq: 6 Oct 2017 13:16

Instrument :
BNA_E
ClientSampleId :
SSTDICC0.8

Tgt Ion:136 Resp: 6845

Ion	Ratio	Lower	Upper
136	100		
137	12.0	9.5	14.3
54	26.8	29.1	43.7#
68	5.9	6.2	9.2#

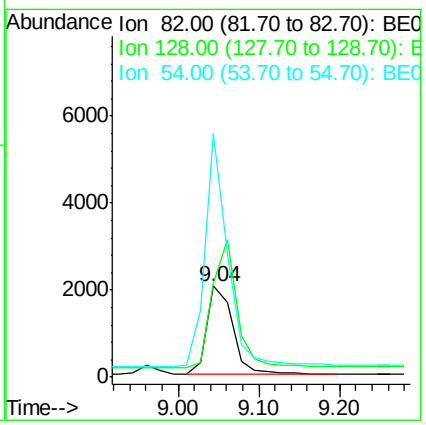


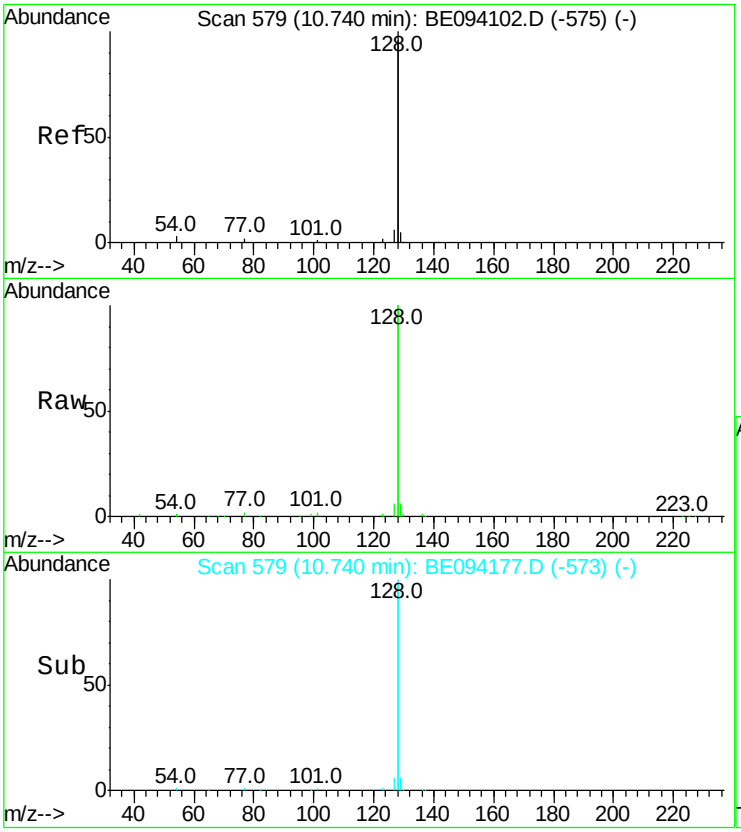


#8
Nitrobenzene-d5
Concen: 0.688 ng
RT: 9.04 min Scan# 478
Delta R.T. -0.02 min
Lab File: BE094177.D
Acq: 6 Oct 2017 13:16

Tgt Ion: 82 Resp: 4555

Ion	Ratio	Lower	Upper
82	100		
128	102.5	150.0	225.0#
54	267.6	154.2	231.4#



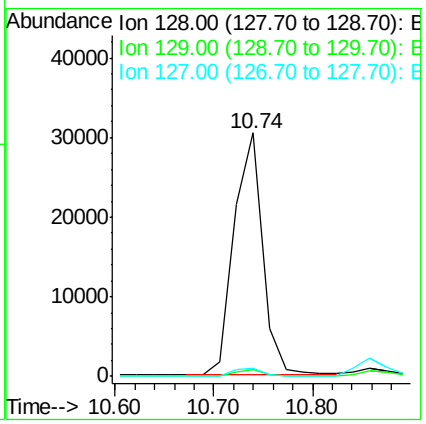


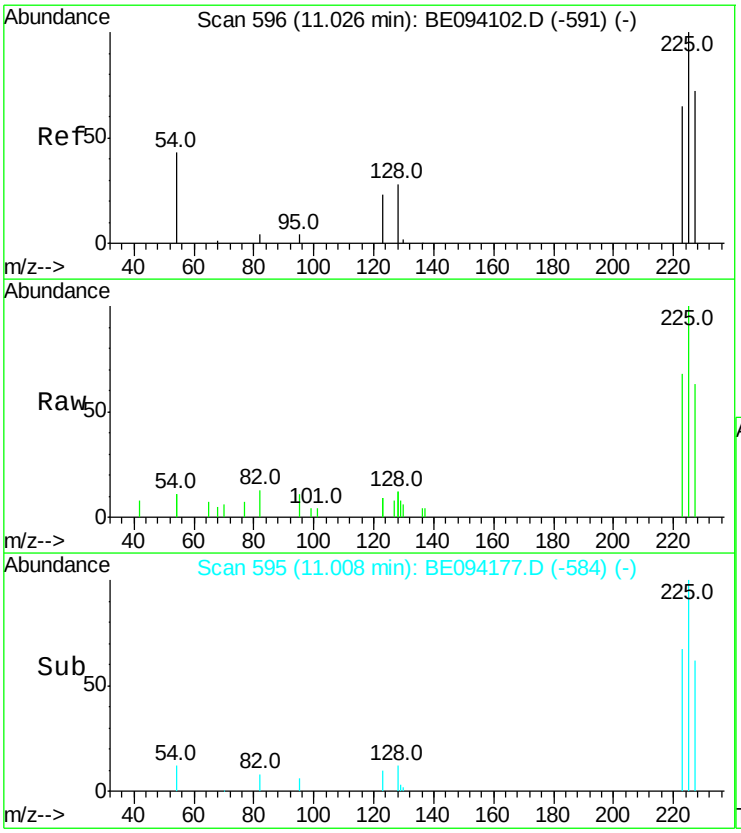
#9
Naphthalene
Concen: 0.789 ng
RT: 10.74 min Scan# 579
Delta R.T. -0.00 min
Lab File: BE094177.D
Acq: 6 Oct 2017 13:16

Instrument :
BNA_E
ClientSampleId :
SSTDICC0.8

Tgt Ion:128 Resp: 61003

Ion	Ratio	Lower	Upper
128	100		
129	2.9	2.6	3.8
127	3.2	2.8	4.2

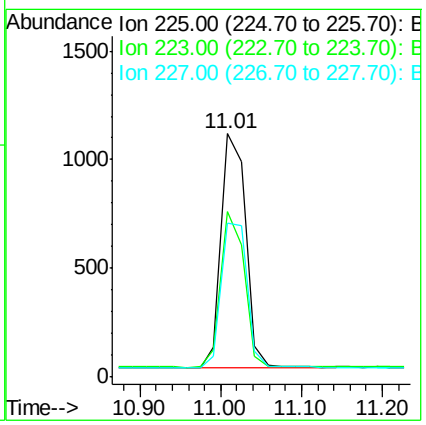


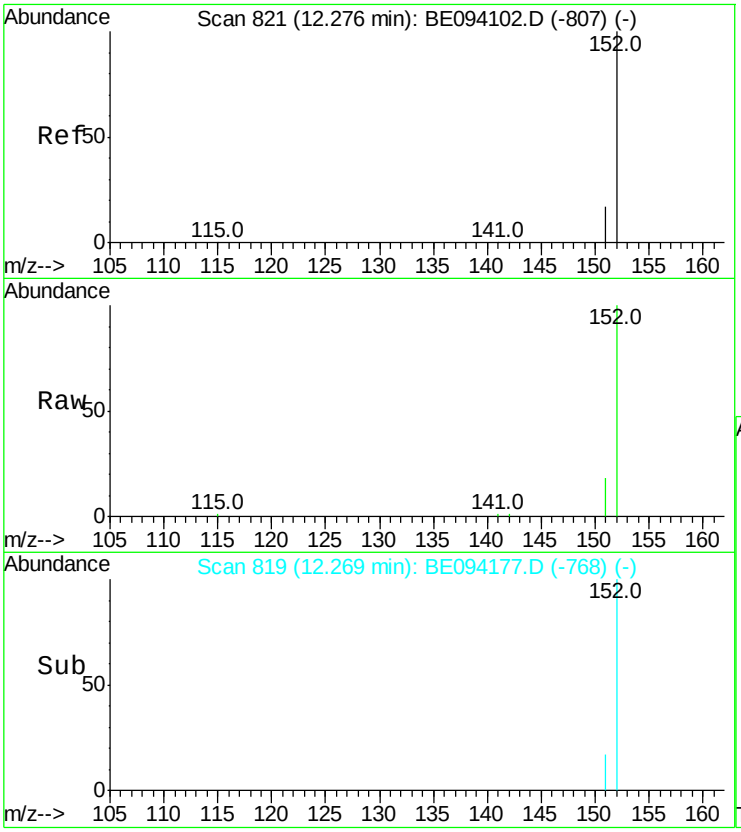


#10
Hexachlorobutadiene
Concen: 0.777 ng
RT: 11.01 min Scan# 595
Delta R.T. -0.02 min
Lab File: BE094177.D
Acq: 6 Oct 2017 13:16

Tgt Ion:225 Resp: 2252

Ion	Ratio	Lower	Upper
225	100		
223	63.6	53.0	79.6
227	65.2	51.4	77.2



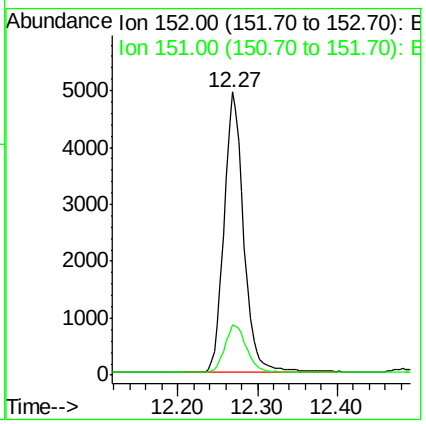


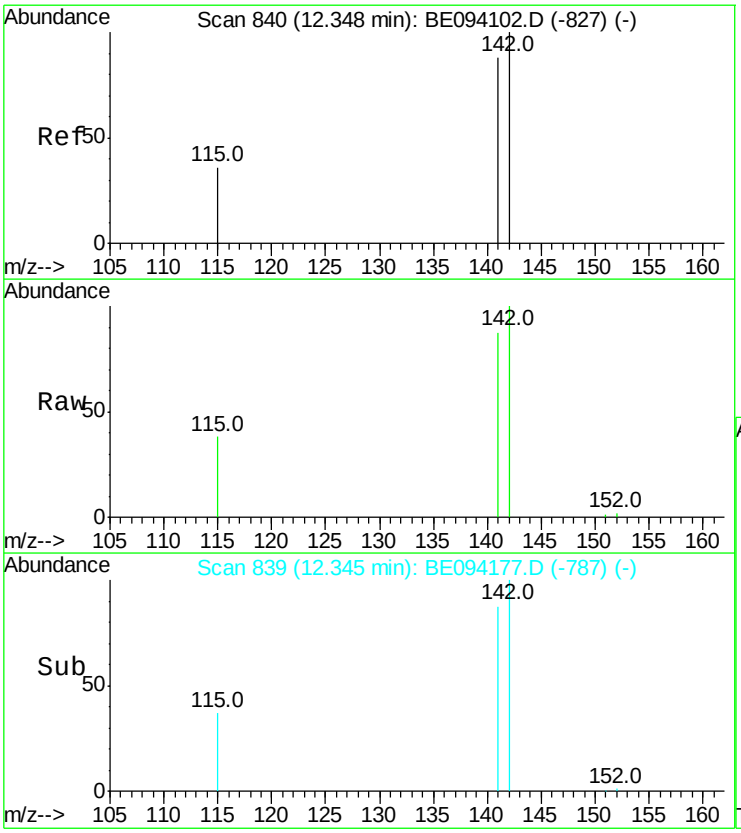
#11
2-Methylnaphthalene-d10
Concen: 0.802 ng
RT: 12.27 min Scan# 819
Delta R.T. -0.01 min
Lab File: BE094177.D
Acq: 6 Oct 2017 13:16

Instrument :
BNA_E
ClientSampleId :
SSTDICC0.8

Tgt Ion:152 Resp: 8464

Ion	Ratio	Lower	Upper
152	100		
151	18.9	15.4	23.0

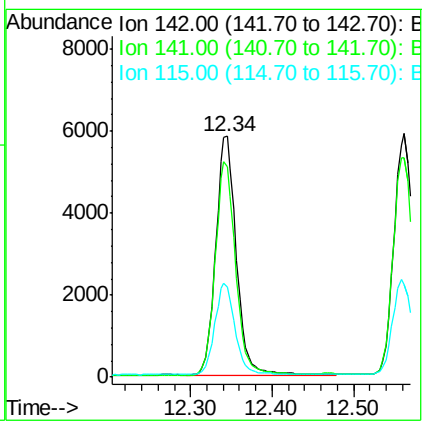


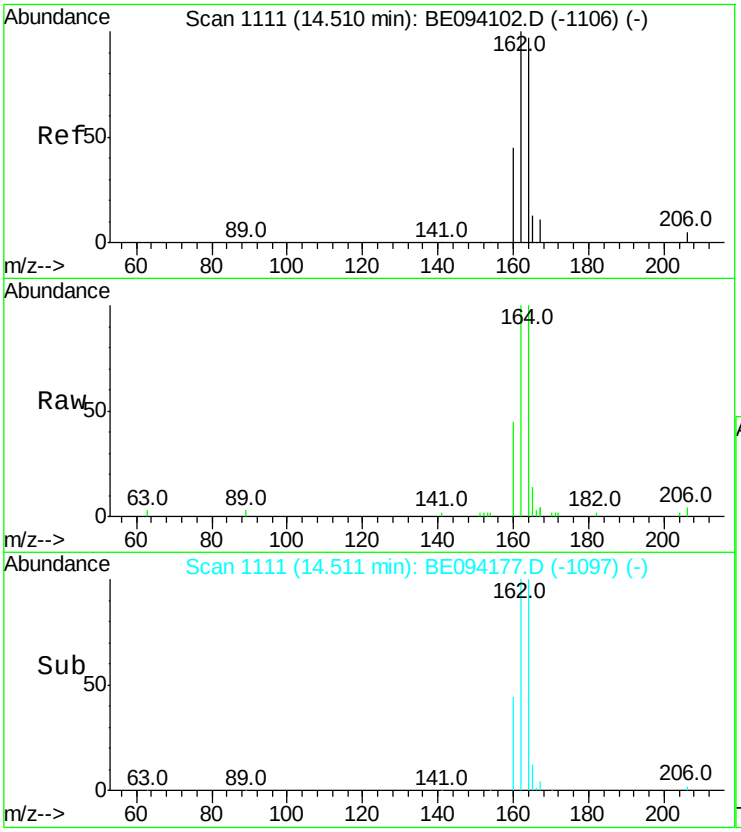


#12
2-Methylnaphthalene
Concen: 0.815 ng
RT: 12.34 min Scan# 839
Delta R.T. -0.00 min
Lab File: BE094177.D
Acq: 6 Oct 2017 13:16

Tgt Ion:142 Resp: 10193

Ion	Ratio	Lower	Upper
142	100		
141	87.4	70.4	105.6
115	37.6	31.7	47.5



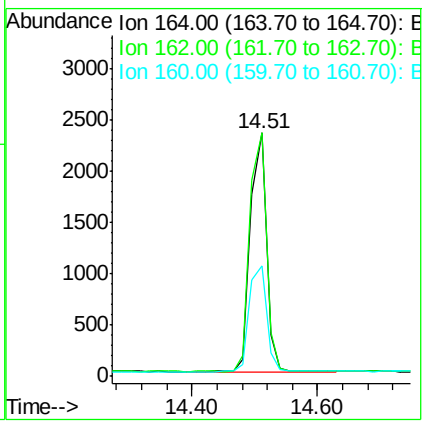


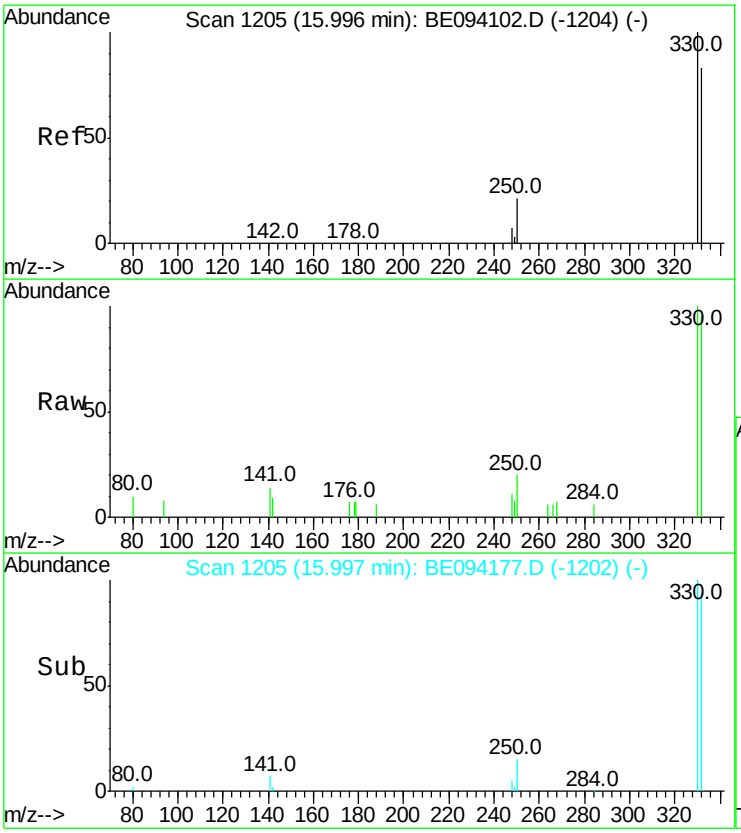
#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.51 min Scan# 1111
Delta R.T. 0.00 min
Lab File: BE094177.D
Acq: 6 Oct 2017 13:16

Instrument :
BNA_E
ClientSampleId :
SSTDICC0.8

Tgt Ion:164 Resp: 4083

Ion	Ratio	Lower	Upper
164	100		
162	100.2	83.1	124.7
160	45.4	37.1	55.7

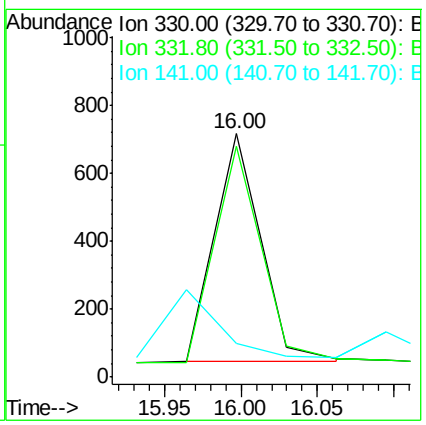


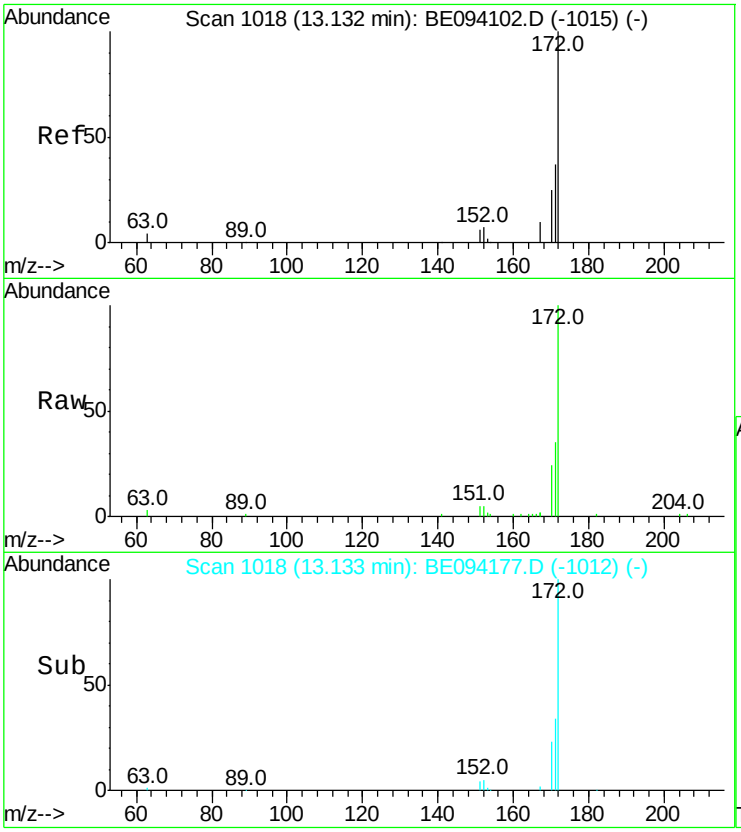


#14
2,4,6-Tribromophenol
Concen: 0.540 ng
RT: 16.00 min Scan# 1205
Delta R.T. 0.00 min
Lab File: BE094177.D
Acq: 6 Oct 2017 13:16

Tgt Ion:330 Resp: 1412

Ion	Ratio	Lower	Upper
330	100		
332	96.0	152.7	229.1#
141	0.0	33.7	50.5#



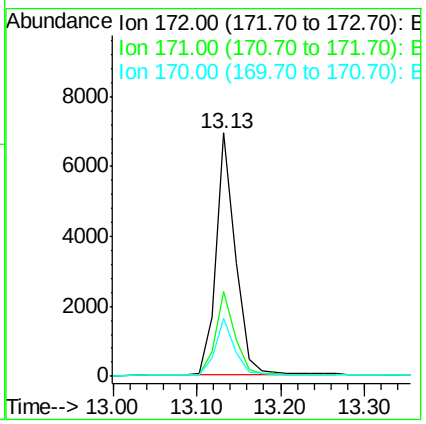


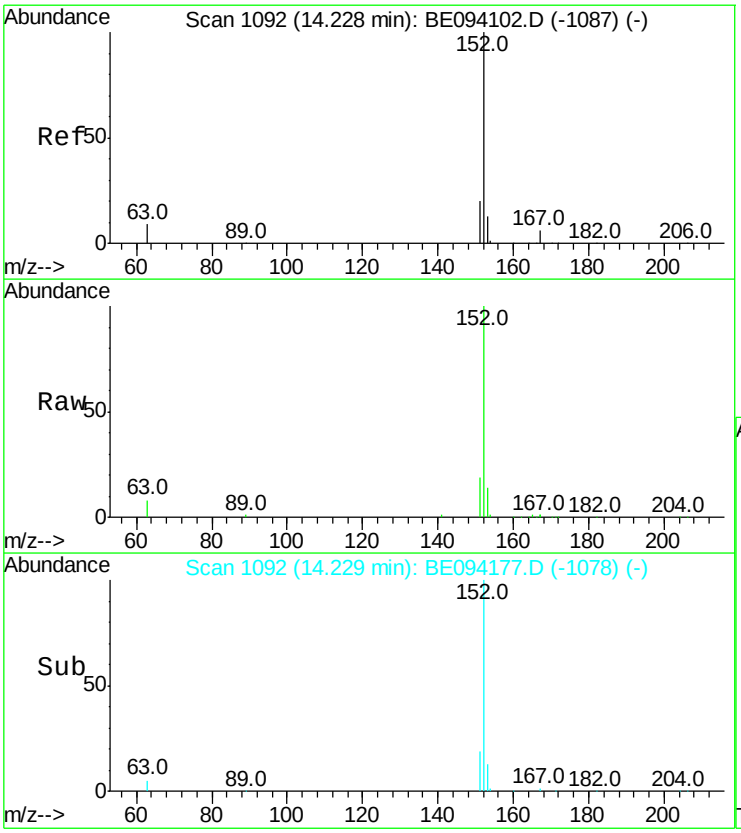
#15
2-Fluorobiphenyl
Concen: 0.830 ng
RT: 13.13 min Scan# 1018
Delta R.T. 0.00 min
Lab File: BE094177.D
Acq: 6 Oct 2017 13:16

Instrument :
BNA_E
ClientSampleId :
SSTDICC0.8

Tgt Ion:172 Resp: 11204

Ion	Ratio	Lower	Upper
172	100		
171	34.8	29.9	44.9
170	23.6	21.8	32.8

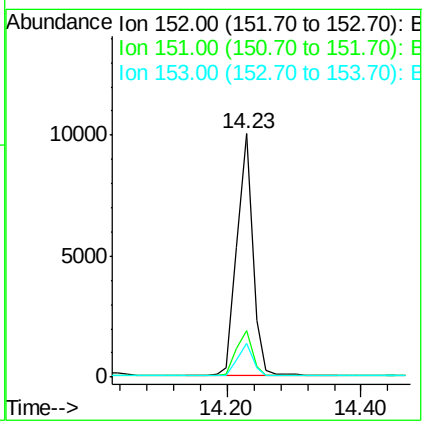


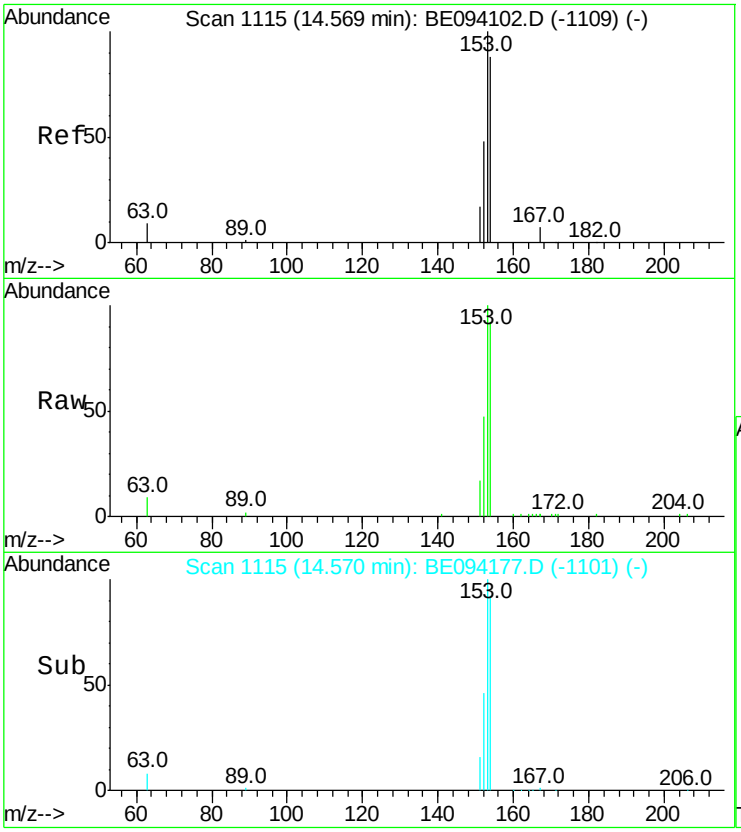


#16
Acenaphthylene
Concen: 0.809 ng
RT: 14.23 min Scan# 1092
Delta R.T. 0.00 min
Lab File: BE094177.D
Acq: 6 Oct 2017 13:16

Tgt Ion:152 Resp: 16565

Ion	Ratio	Lower	Upper
152	100		
151	19.3	15.7	23.5
153	12.9	10.5	15.7



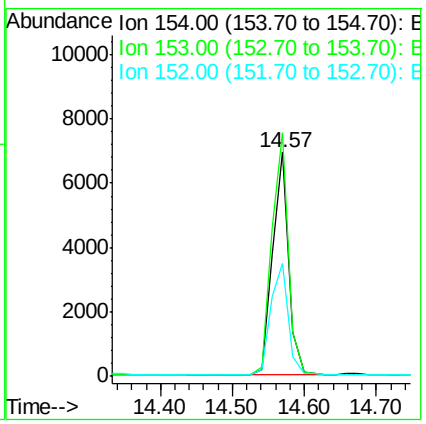


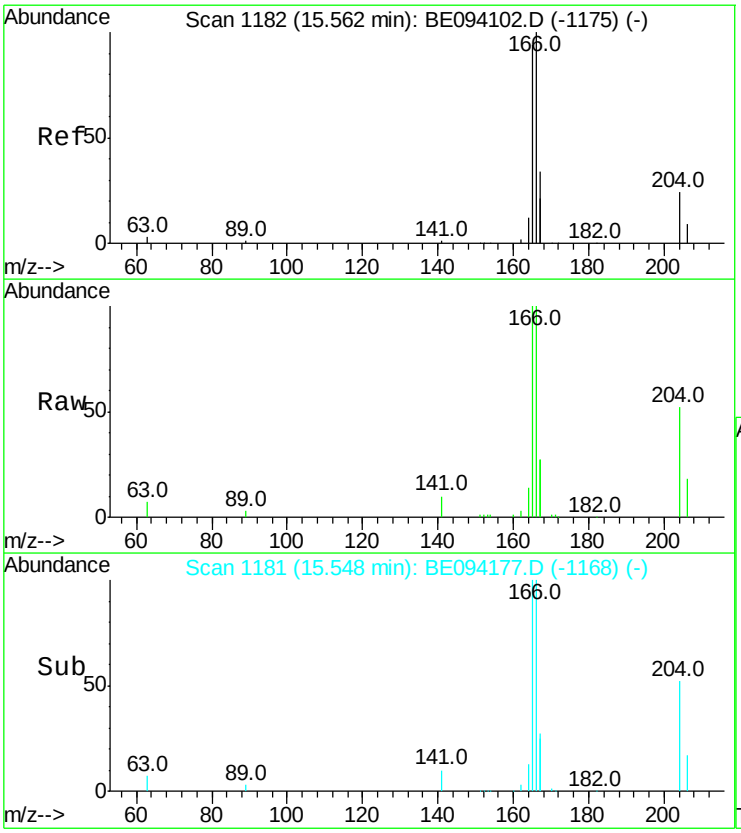
#17
Acenaphthene
Concen: 0.856 ng
RT: 14.57 min Scan# 1115
Delta R.T. 0.00 min
Lab File: BE094177.D
Acq: 6 Oct 2017 13:16

Instrument :
BNA_E
ClientSampleId :
SSTDICC0.8

Tgt Ion:154 Resp: 10951

Ion	Ratio	Lower	Upper
154	100		
153	112.5	89.2	133.8
152	54.6	42.0	63.0

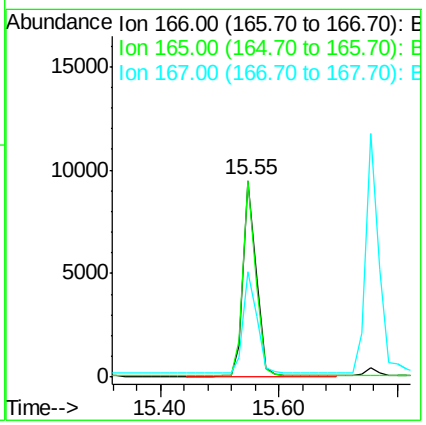


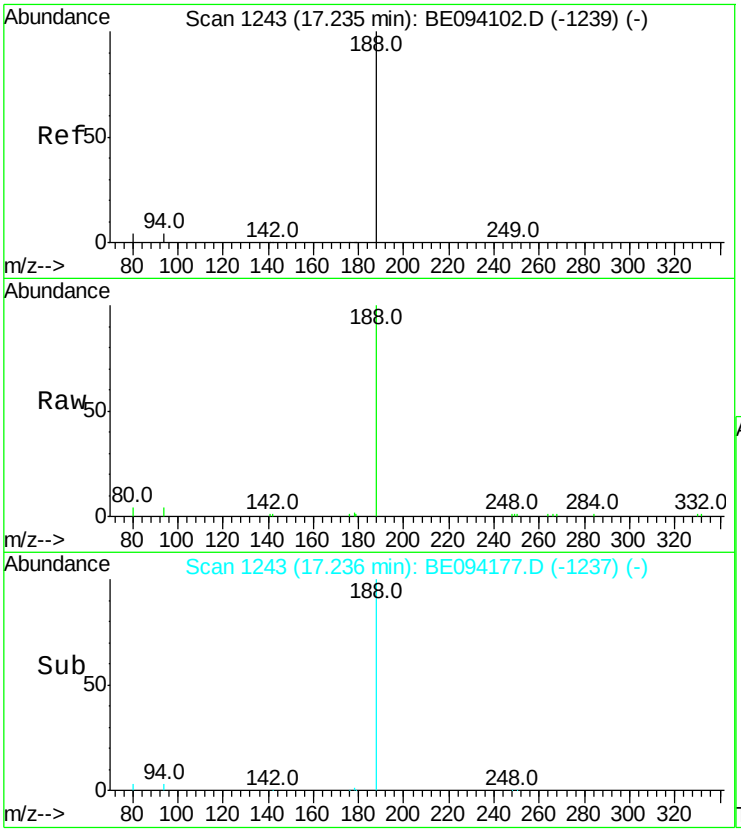


#18
Fluorene
Concen: 0.835 ng
RT: 15.55 min Scan# 1181
Delta R.T. -0.01 min
Lab File: BE094177.D
Acq: 6 Oct 2017 13:16

Tgt Ion:166 Resp: 14493

Ion	Ratio	Lower	Upper
166	100		
165	97.7	77.8	116.6
167	54.6	42.4	63.6



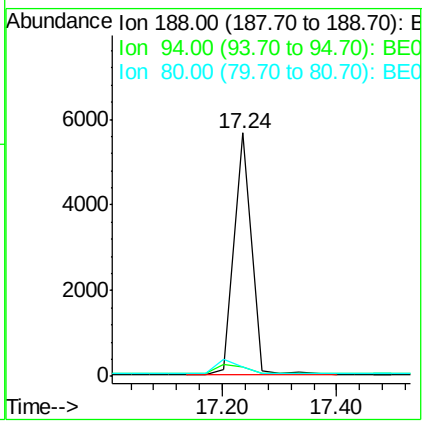


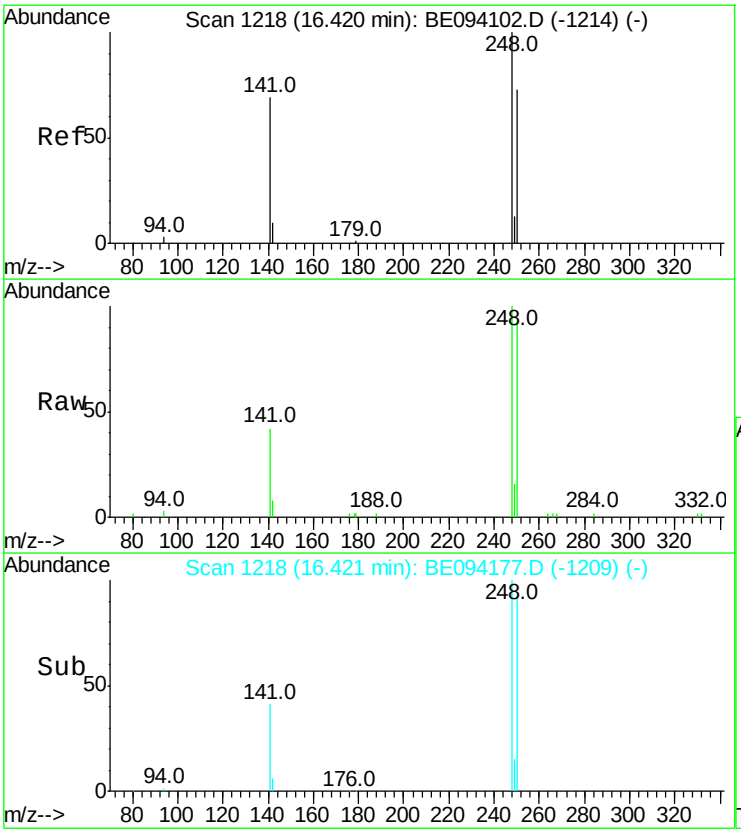
#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.24 min Scan# 1243
Delta R.T. 0.00 min
Lab File: BE094177.D
Acq: 6 Oct 2017 13:16

Instrument :
BNA_E
ClientSampleId :
SSTDICC0.8

Tgt Ion:188 Resp: 11564

Ion	Ratio	Lower	Upper
188	100		
94	3.9	3.9	5.9
80	3.7	3.6	5.4

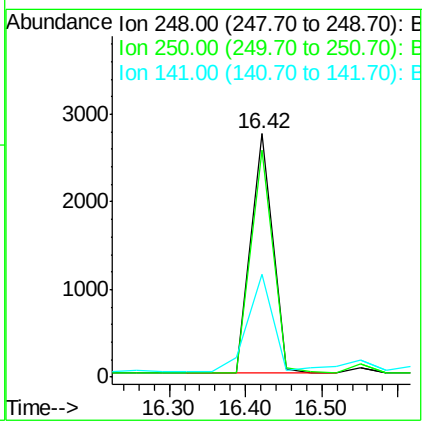


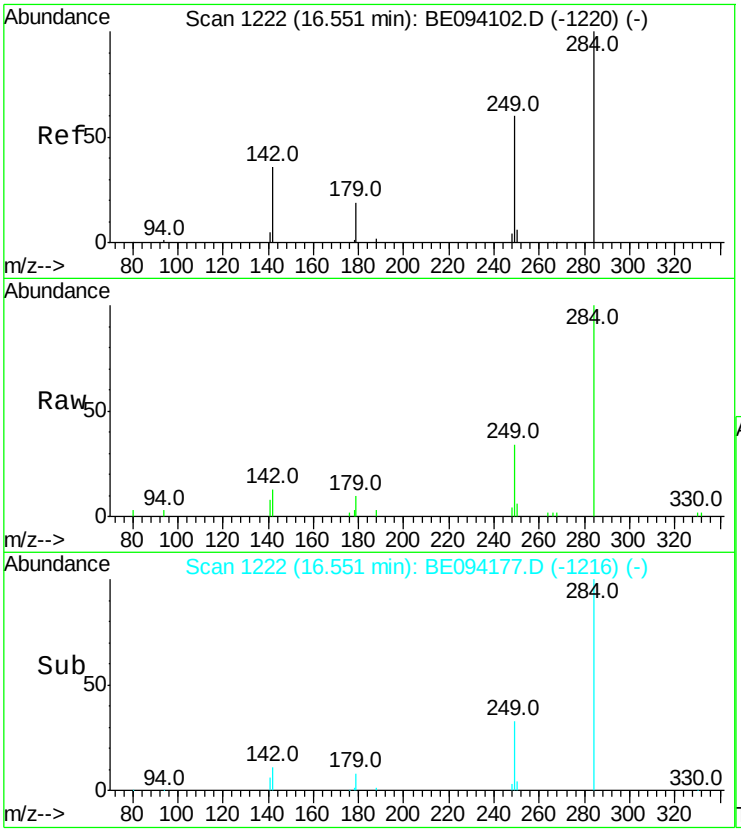


#20
4-Bromophenyl-phenylether
Concen: 1.154 ng
RT: 16.42 min Scan# 1218
Delta R.T. 0.00 min
Lab File: BE094177.D
Acq: 6 Oct 2017 13:16

Tgt Ion:248 Resp: 5476

Ion	Ratio	Lower	Upper
248	100		
250	93.1	62.7	94.1
141	42.4	48.2	72.2#



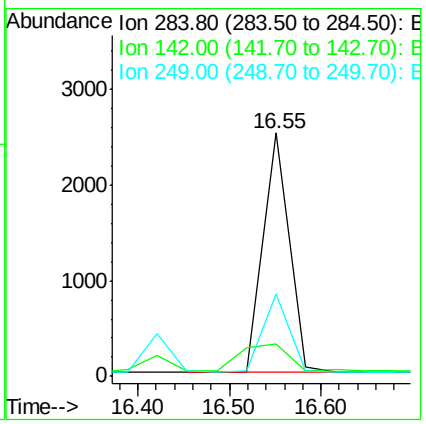


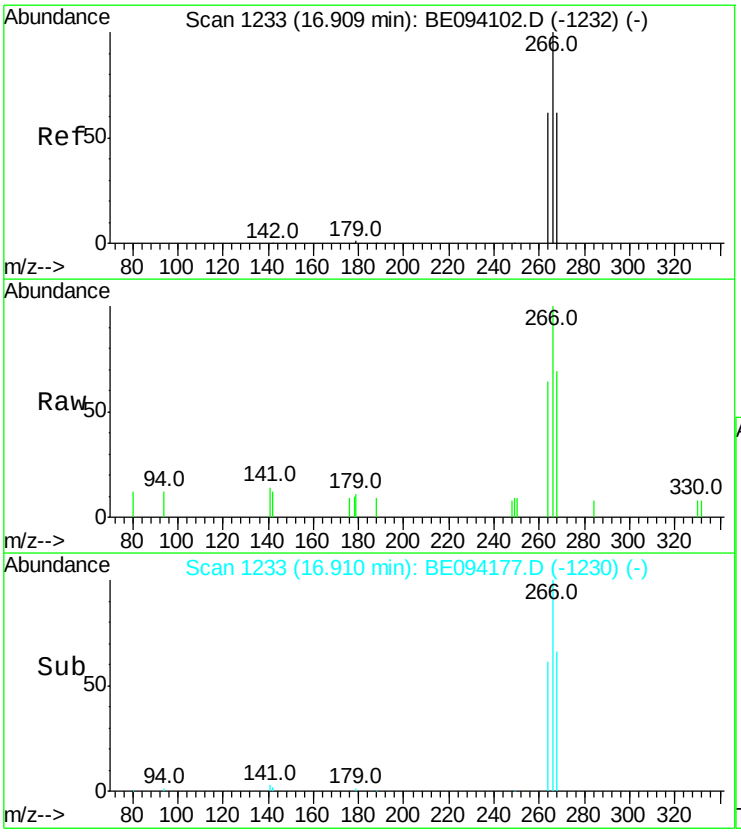
#21
Hexachlorobenzene
Concen: 1.677 ng
RT: 16.55 min Scan# 1222
Delta R.T. 0.00 min
Lab File: BE094177.D
Acq: 6 Oct 2017 13:16

Instrument :
BNA_E
ClientSampleId :
SSTDICC0.8

Tgt Ion:284 Resp: 5022

Ion	Ratio	Lower	Upper
284	100		
142	21.0	22.1	33.1#
249	32.2	34.8	52.2#

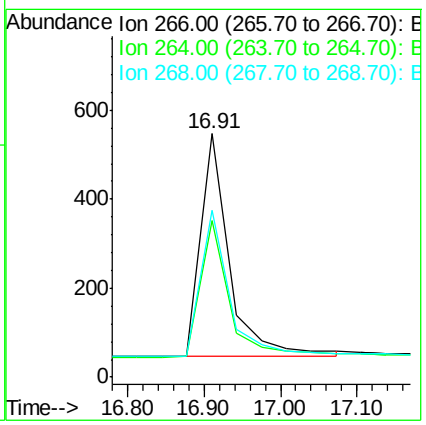


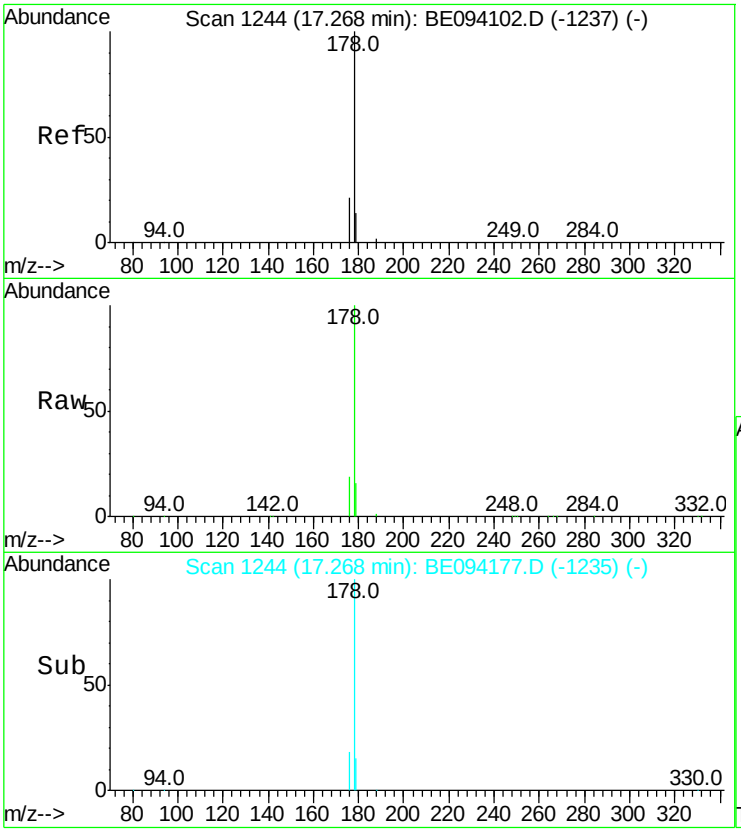


#22
Pentachlorophenol
Concen: 0.472 ng
RT: 16.91 min Scan# 1233
Delta R.T. 0.00 min
Lab File: BE094177.D
Acq: 6 Oct 2017 13:16

Tgt Ion:266 Resp: 1295

Ion	Ratio	Lower	Upper
266	100		
264	64.2	72.5	108.7#
268	68.6	73.8	110.6#



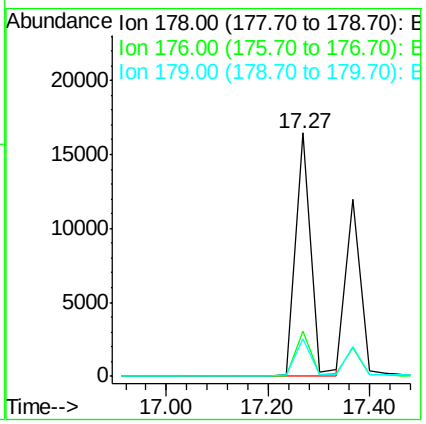


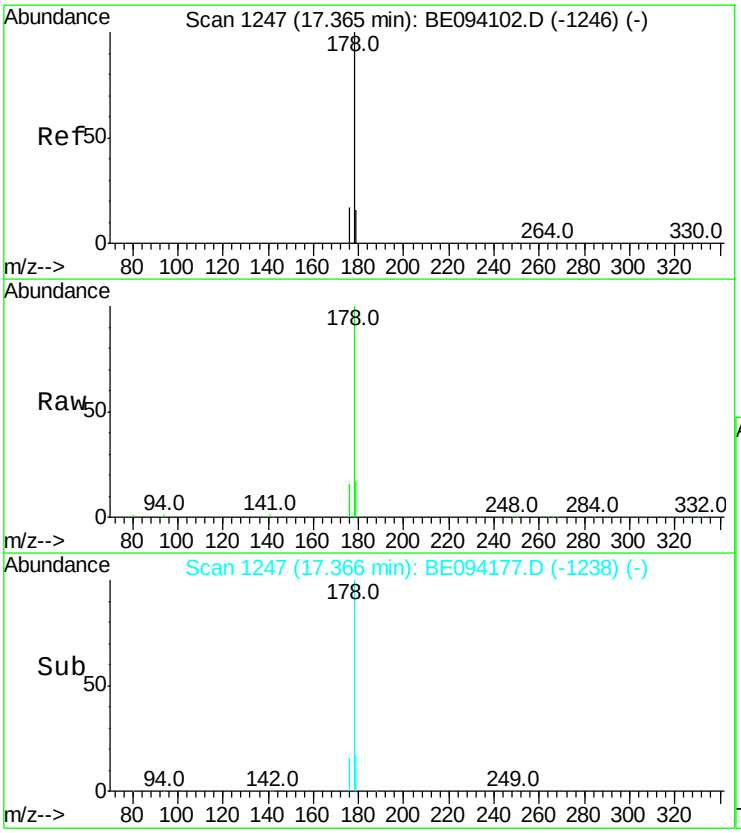
#23
Phenanthrene
Concen: 1.134 ng
RT: 17.27 min Scan# 1244
Delta R.T. 0.00 min
Lab File: BE094177.D
Acq: 6 Oct 2017 13:16

Instrument :
BNA_E
ClientSampleId :
SSTDICC0.8

Tgt Ion:178 Resp: 33551

Ion	Ratio	Lower	Upper
178	100		
176	18.6	15.1	22.7
179	15.2	11.8	17.6

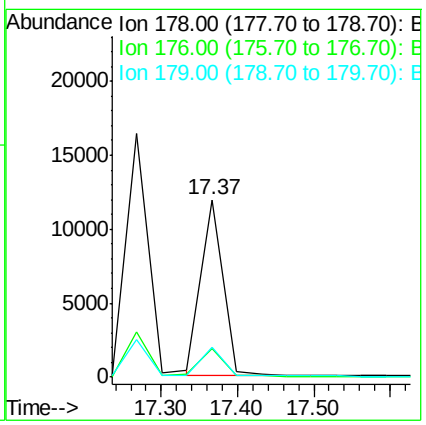


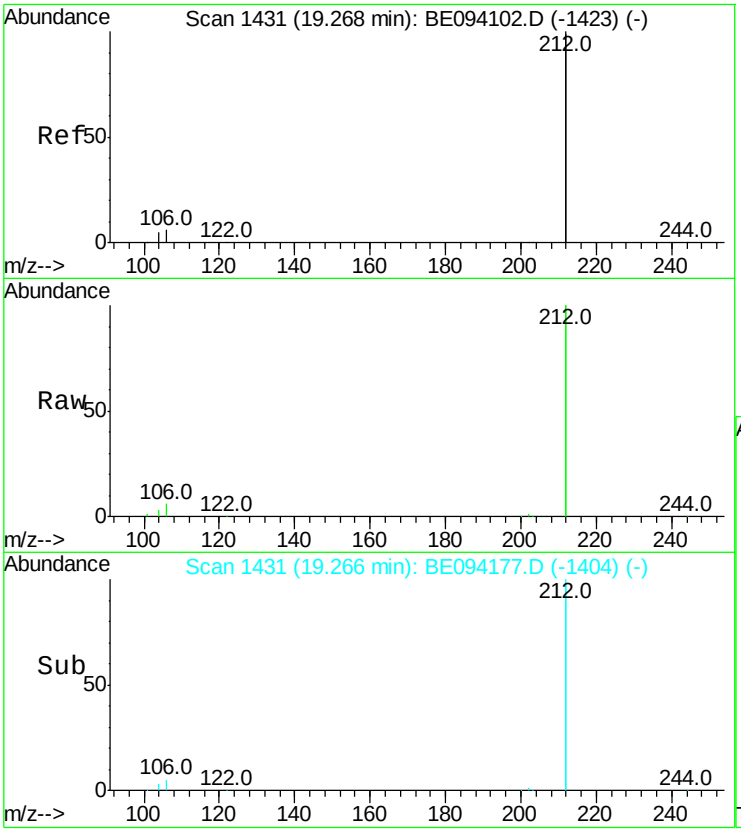


#24
Anthracene
Concen: 0.779 ng
RT: 17.37 min Scan# 1247
Delta R.T. 0.00 min
Lab File: BE094177.D
Acq: 6 Oct 2017 13:16

Tgt Ion:178 Resp: 24182

Ion	Ratio	Lower	Upper
178	100		
176	15.7	12.8	19.2
179	16.7	13.0	19.6



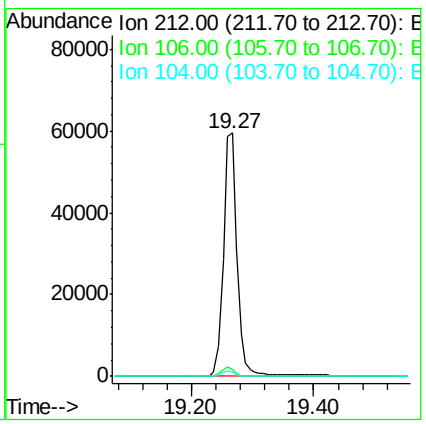


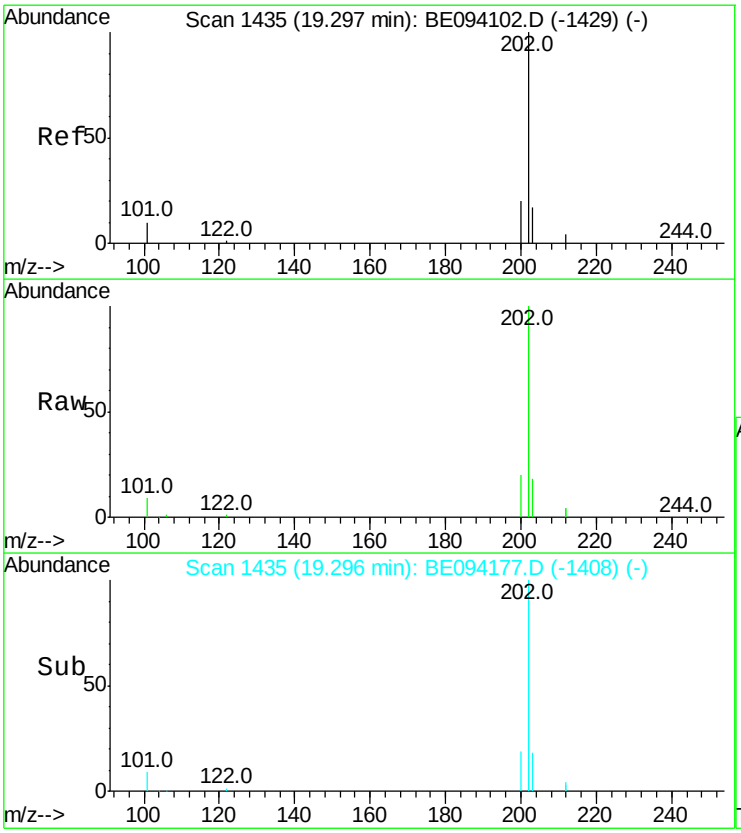
#25
Fluoranthene-d10
Concen: 0.810 ng
RT: 19.27 min Scan# 1431
Delta R.T. -0.00 min
Lab File: BE094177.D
Acq: 6 Oct 2017 13:16

Instrument :
BNA_E
ClientSampleId :
SSTDICC0.8

Tgt Ion:212 Resp: 90723

Ion	Ratio	Lower	Upper
212	100		
106	3.5	2.8	4.2
104	2.0	1.6	2.4

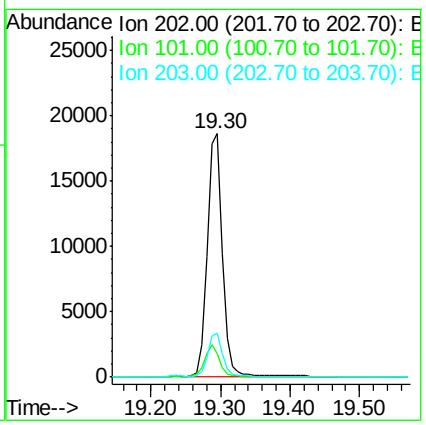


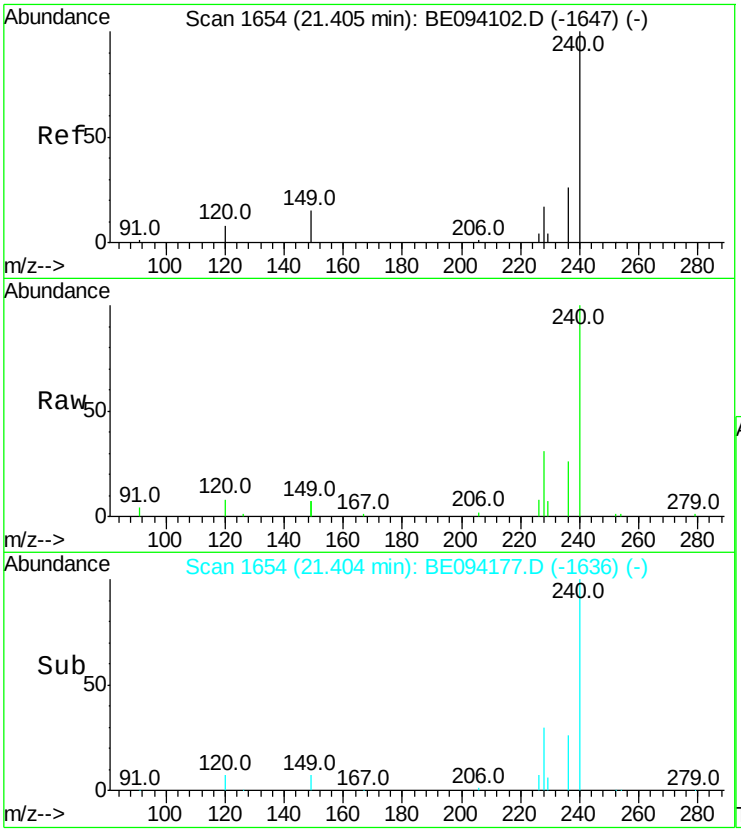


#26
Fluoranthene
Concen: 0.837 ng
RT: 19.30 min Scan# 1435
Delta R.T. -0.00 min
Lab File: BE094177.D
Acq: 6 Oct 2017 13:16

Tgt Ion:202 Resp: 27747

Ion	Ratio	Lower	Upper
202	100		
101	12.4	9.8	14.8
203	17.3	13.7	20.5



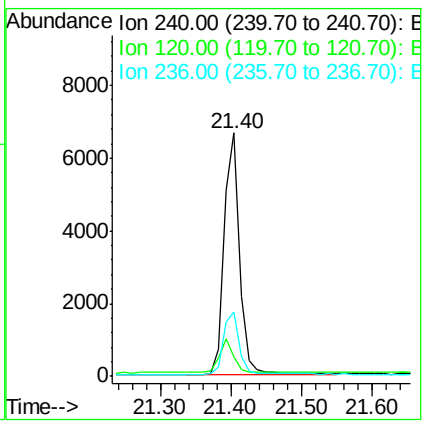


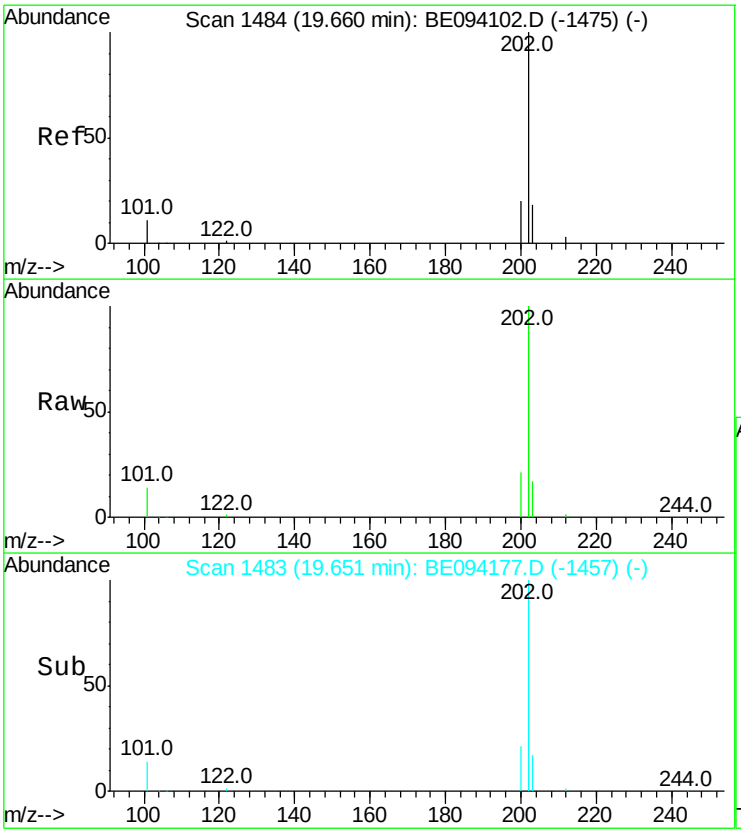
#27
Chrysene-d12
Concen: 0.400 ng
RT: 21.40 min Scan# 1654
Delta R.T. -0.00 min
Lab File: BE094177.D
Acq: 6 Oct 2017 13:16

Instrument :
BNA_E
ClientSampleId :
SSTDICC0.8

Tgt Ion:240 Resp: 10274

Ion	Ratio	Lower	Upper
240	100		
120	8.0	5.5	8.3
236	26.4	20.7	31.1

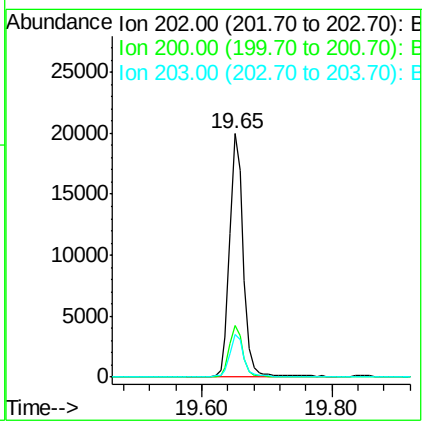


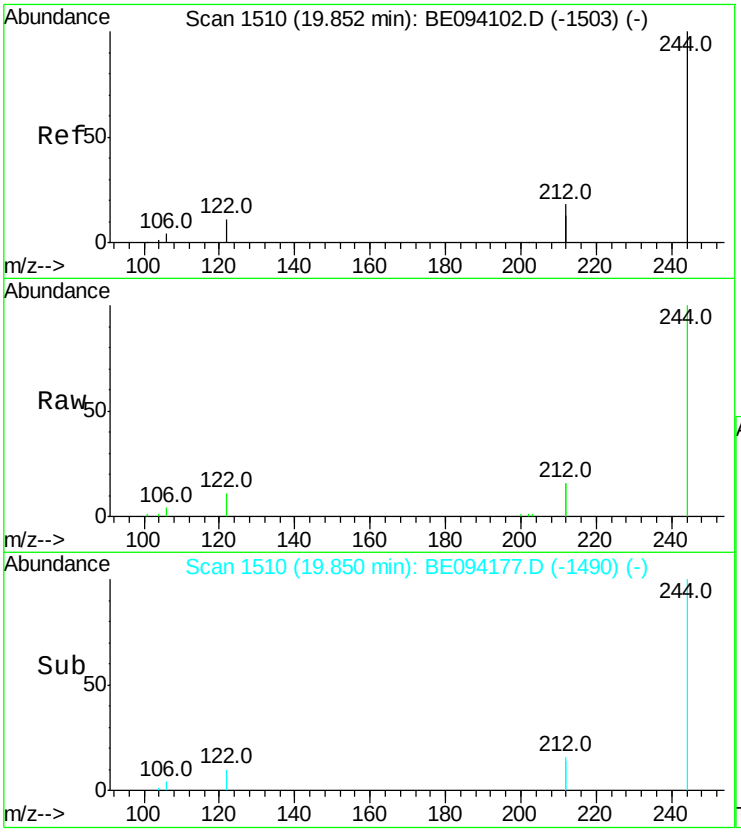


#28
Pyrene
Concen: 0.879 ng
RT: 19.65 min Scan# 1483
Delta R.T. -0.01 min
Lab File: BE094177.D
Acq: 6 Oct 2017 13:16

Tgt Ion:202 Resp: 28604

Ion	Ratio	Lower	Upper
202	100		
200	20.7	16.6	25.0
203	17.5	13.8	20.8



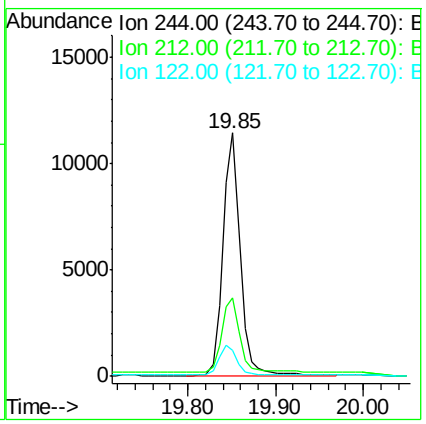


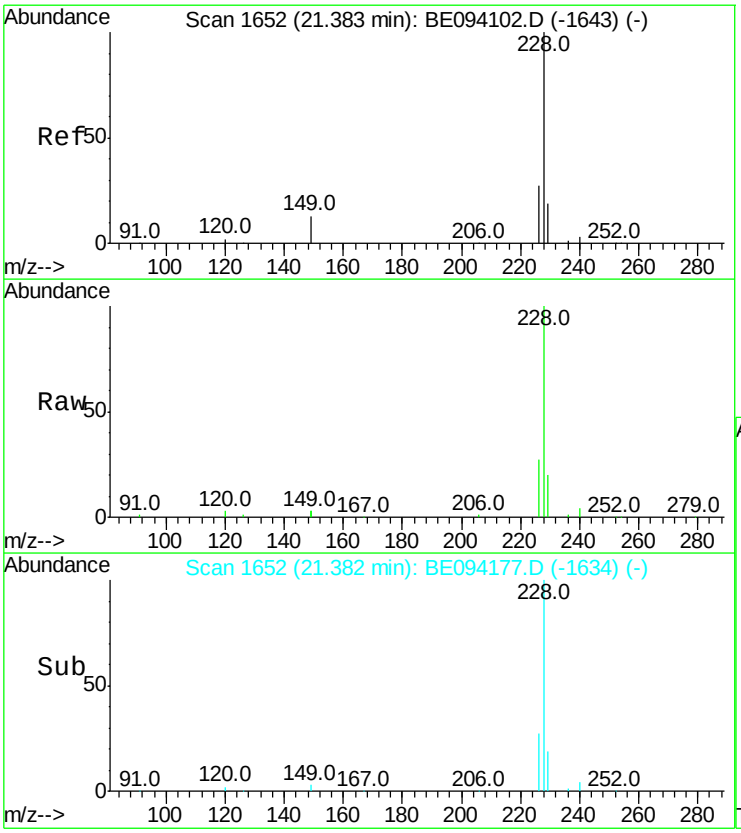
#29
Terphenyl-d14
Concen: 0.836 ng
RT: 19.85 min Scan# 1510
Delta R.T. -0.00 min
Lab File: BE094177.D
Acq: 6 Oct 2017 13:16

Instrument :
BNA_E
ClientSampleId :
SSTDICC0.8

Tgt Ion:244 Resp: 15680

Ion	Ratio	Lower	Upper
244	100		
212	32.3	25.4	38.0
122	10.8	8.1	12.1

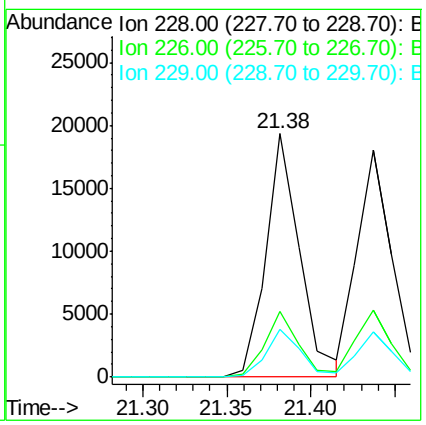


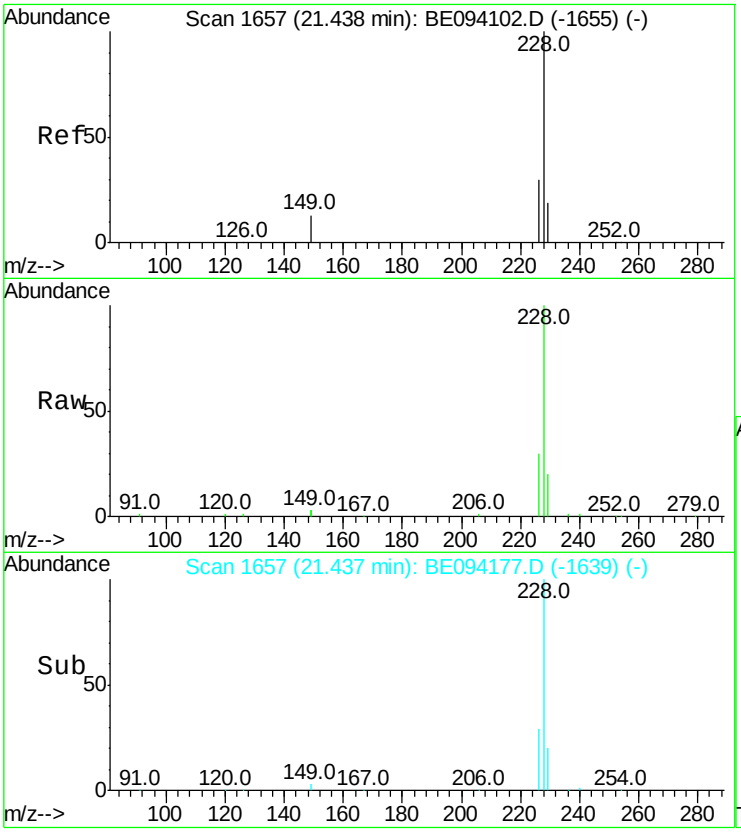


#30
Benzo(a)anthracene
Concen: 0.775 ng
RT: 21.38 min Scan# 1652
Delta R.T. -0.00 min
Lab File: BE094177.D
Acq: 6 Oct 2017 13:16

Tgt Ion:228 Resp: 26824

Ion	Ratio	Lower	Upper
228	100		
226	26.7	21.4	32.0
229	19.6	16.4	24.6



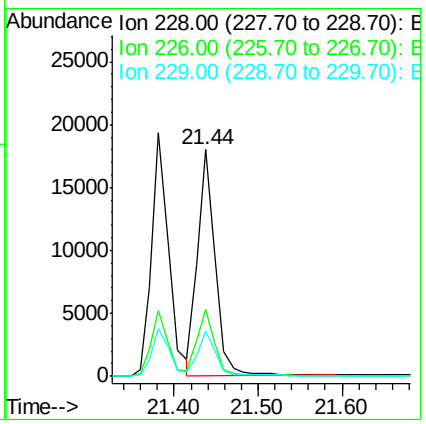


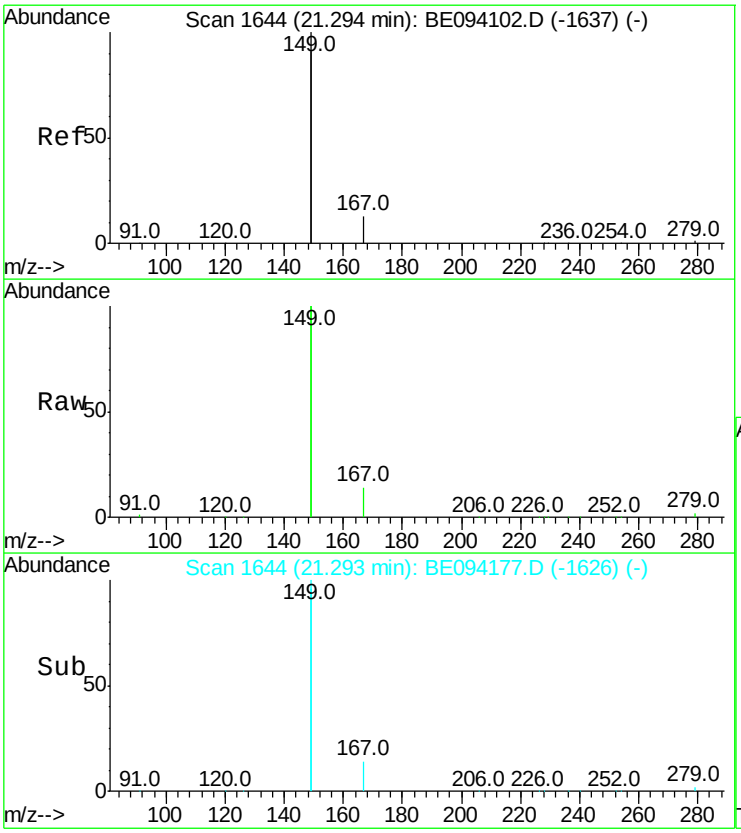
#31
Chrysene
Concen: 0.794 ng
RT: 21.44 min Scan# 1657
Delta R.T. -0.00 min
Lab File: BE094177.D
Acq: 6 Oct 2017 13:16

Instrument :
BNA_E
ClientSampleId :
SSTDICC0.8

Tgt Ion:228 Resp: 26505

Ion	Ratio	Lower	Upper
228	100		
226	29.7	23.6	35.4
229	19.8	16.4	24.6

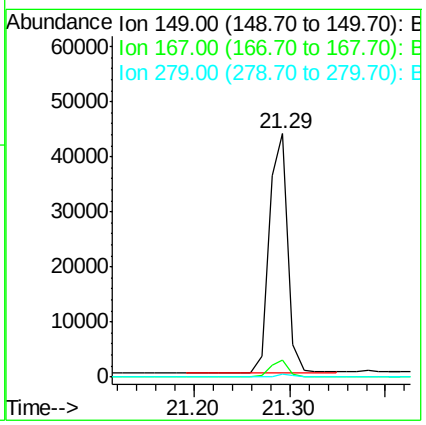


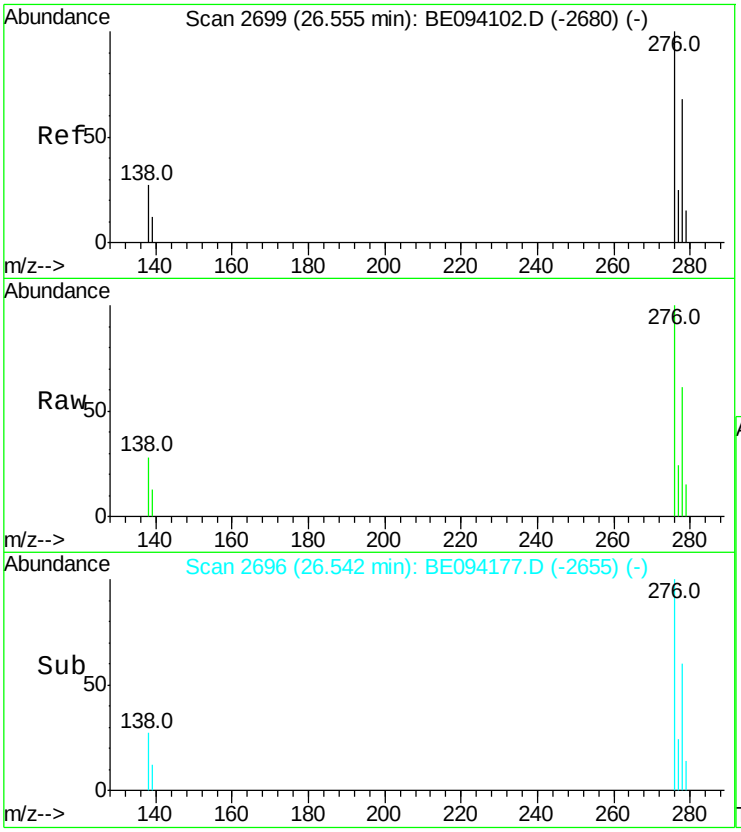


#32
Bis(2-ethylhexyl)phthalate
Concen: 0.356 ng
RT: 21.29 min Scan# 1644
Delta R.T. -0.00 min
Lab File: BE094177.D
Acq: 6 Oct 2017 13:16

Tgt Ion:149 Resp: 58942

Ion	Ratio	Lower	Upper
149	100		
167	6.5	5.4	8.0
279	0.9	0.7	1.1



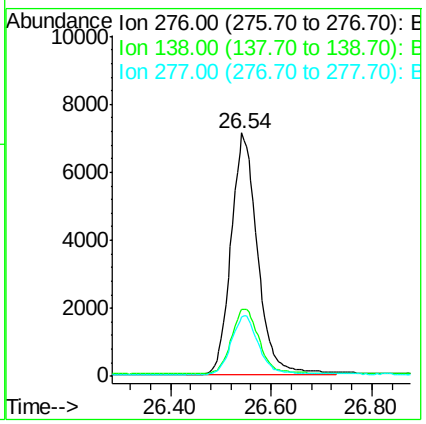


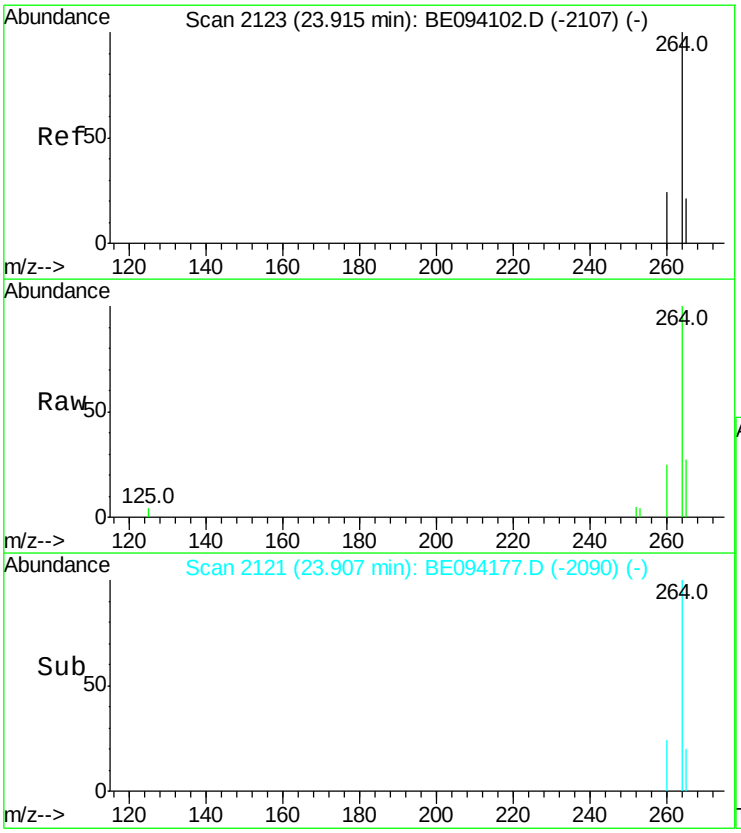
#33
Indeno(1,2,3-cd)pyrene
Concen: 0.730 ng
RT: 26.54 min Scan# 2696
Delta R.T. -0.01 min
Lab File: BE094177.D
Acq: 6 Oct 2017 13:16

Instrument :
BNA_E
ClientSampleId :
SSTDICC0.8

Tgt Ion:276 Resp: 26067

Ion	Ratio	Lower	Upper
276	100		
138	27.8	22.5	33.7
277	25.1	19.9	29.9

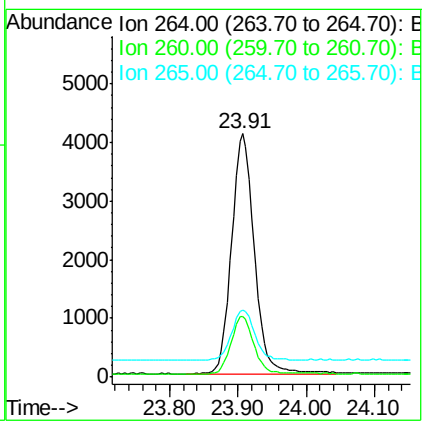


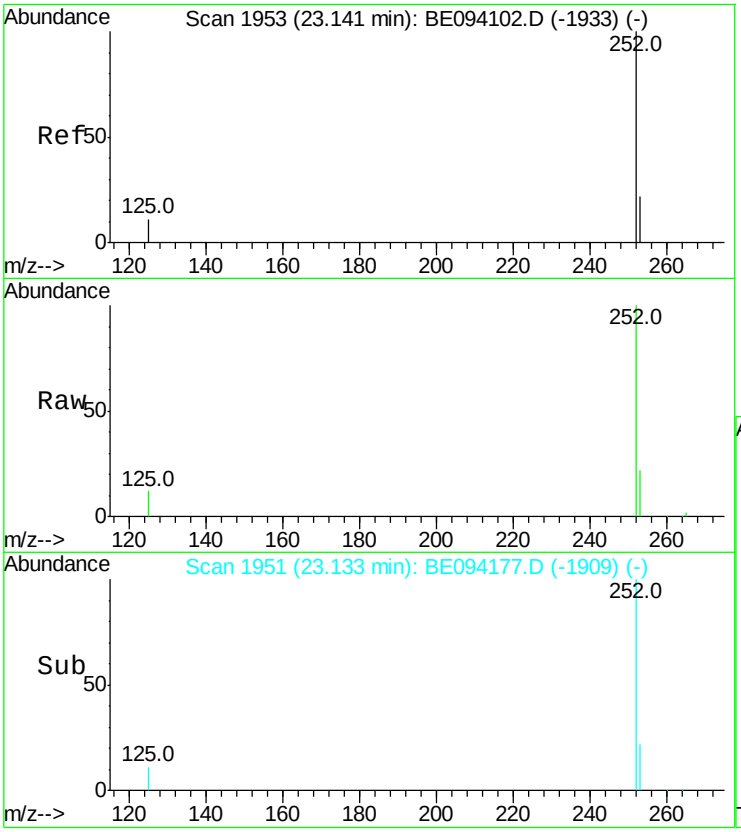


#34
Perylene-d12
Concen: 0.400 ng
RT: 23.91 min Scan# 2121
Delta R.T. -0.01 min
Lab File: BE094177.D
Acq: 6 Oct 2017 13:16

Tgt Ion:264 Resp: 9444

Ion	Ratio	Lower	Upper
264	100		
260	24.7	20.5	30.7
265	27.3	22.8	34.2



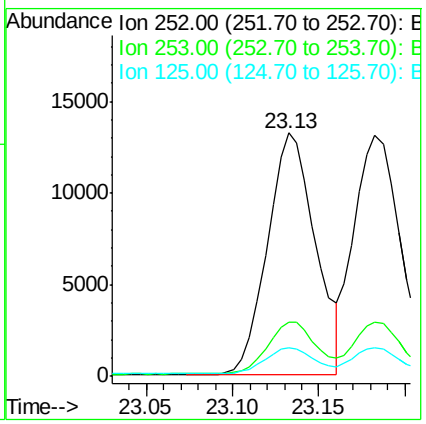


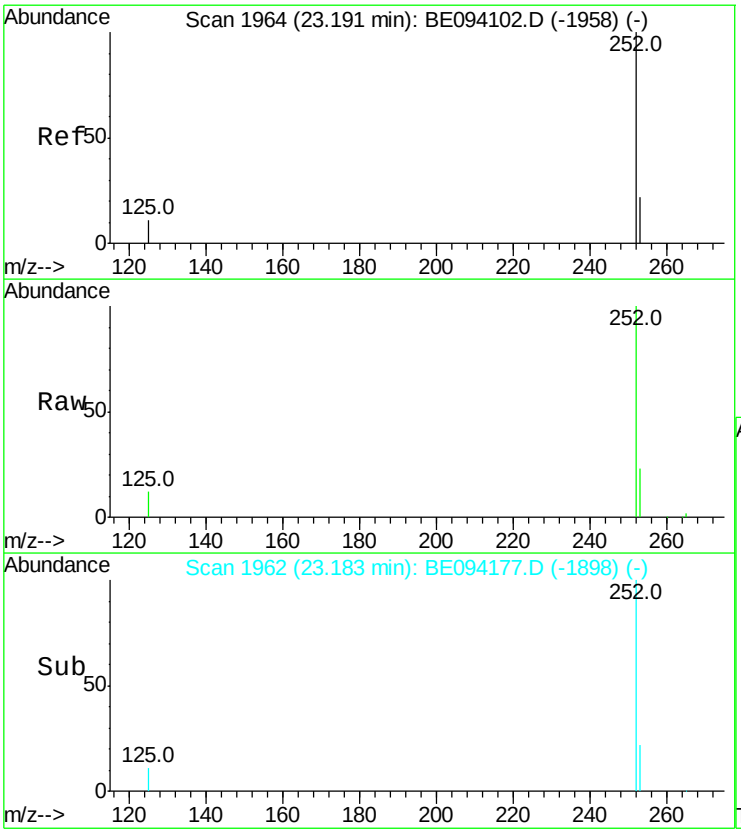
#35
Benzo(b)fluoranthene
Concen: 0.750 ng
RT: 23.13 min Scan# 1951
Delta R.T. -0.01 min
Lab File: BE094177.D
Acq: 6 Oct 2017 13:16

Instrument :
BNA_E
ClientSampleId :
SSTDICC0.8

Tgt Ion:252 Resp: 25556

Ion	Ratio	Lower	Upper
252	100		
253	22.5	18.2	27.2
125	11.7	10.1	15.1

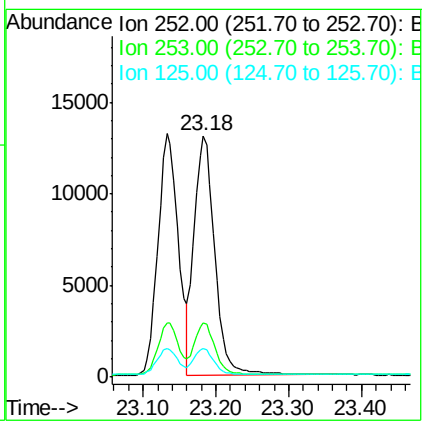


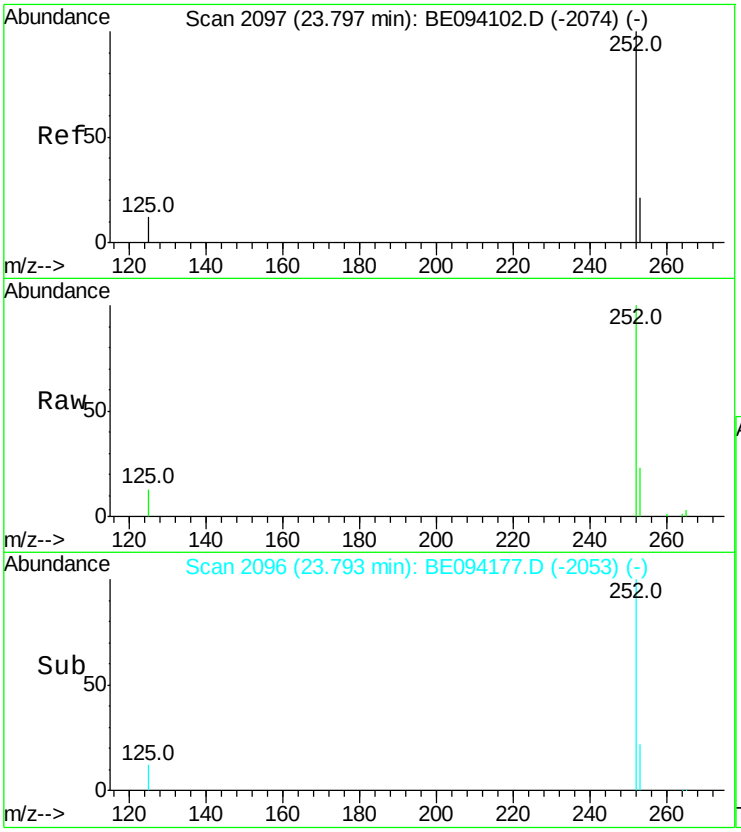


#36
Benzo(k)fluoranthene
Concen: 0.784 ng
RT: 23.18 min Scan# 1962
Delta R.T. -0.01 min
Lab File: BE094177.D
Acq: 6 Oct 2017 13:16

Tgt Ion:252 Resp: 25564

Ion	Ratio	Lower	Upper
252	100		
253	22.7	18.6	27.8
125	11.6	10.7	16.1



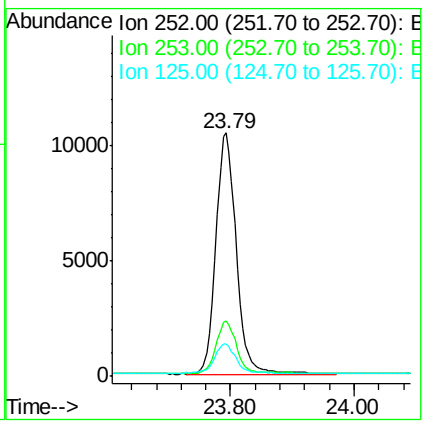


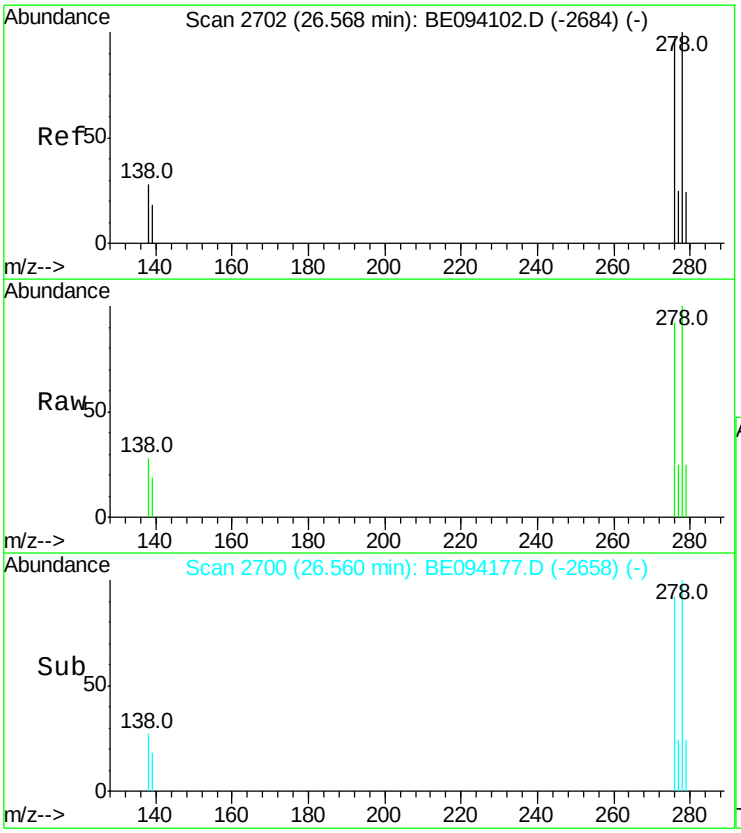
#37
Benzo(a)pyrene
Concen: 0.781 ng
RT: 23.79 min Scan# 2096
Delta R.T. -0.00 min
Lab File: BE094177.D
Acq: 6 Oct 2017 13:16

Instrument :
BNA_E
ClientSampleId :
SSTDICC0.8

Tgt Ion:252 Resp: 24060

Ion	Ratio	Lower	Upper
252	100		
253	22.6	19.0	28.6
125	13.4	11.8	17.8

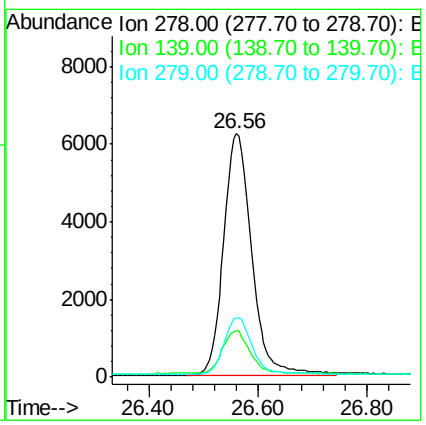


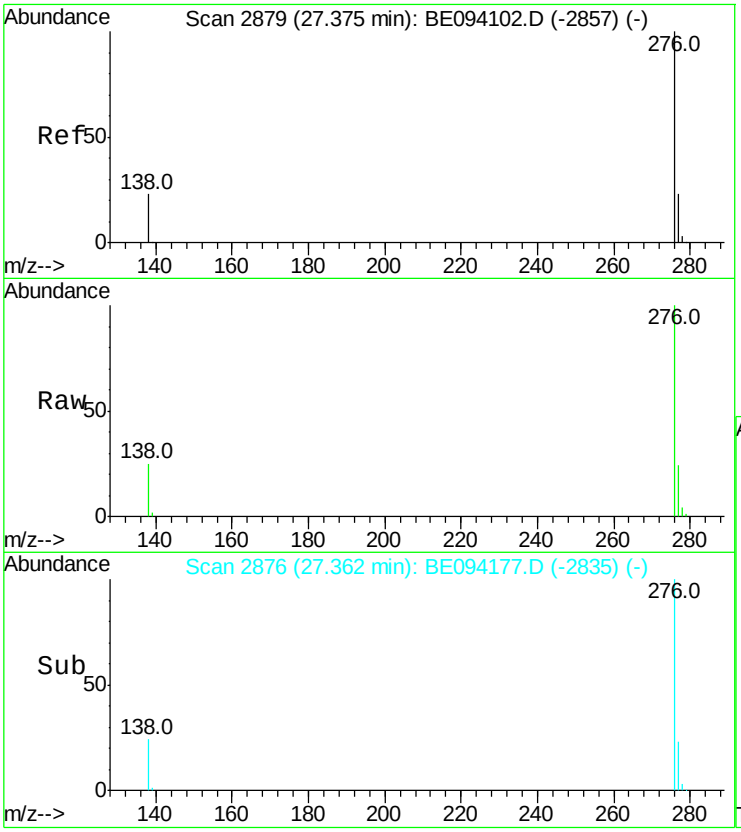


#38
Dibenzo(a,h)anthracene
Concen: 0.760 ng
RT: 26.56 min Scan# 2700
Delta R.T. -0.01 min
Lab File: BE094177.D
Acq: 6 Oct 2017 13:16

Tgt Ion:278 Resp: 22157

Ion	Ratio	Lower	Upper
278	100		
139	19.1	16.3	24.5
279	24.5	19.9	29.9





#39
Benzo(g,h,i)perylene
Concen: 0.784 ng
RT: 27.36 min Scan# 2876
Delta R.T. -0.01 min
Lab File: BE094177.D
Acq: 6 Oct 2017 13:16

Instrument :
BNA_E
ClientSampleId :
SSTDICC0.8

Tgt Ion:276 Resp: 22637

Ion	Ratio	Lower	Upper
276	100		
277	23.8	20.8	31.2
138	25.2	21.5	32.3