Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA E\DATA\BE100617\
Data File : BE094178.D
Acq On : 6 Oct 2017 13:52
Operator : SJ/JU
Sample : SSTDICC1.6
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument : BNA_E
ClientSampleId : SSTDICC1.6

Quant Time: Oct 06 14:26:36 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	1399	0.40	ng		0.00
7) Naphthalene-d8	10.69	136	6650	0.40	ng		0.00
13) Acenaphthene-d10	14.51	164	3913	0.40	ng		0.00
19) Phenanthrene-d10	17.24	188	11023	0.40	ng		0.00
27) Chrysene-d12	21.40	240	10354	0.40	ng		0.00
34) Perylene-d12	23.91	264	9396	0.40	ng		0.00
System Monitoring Compounds							
4) 2-Fluorophenol	5.50	112	7304	1.38	ng		0.00
5) Phenol-d6	7.09	99	10716	1.45	ng		0.00
8) Nitrobenzene-d5	9.04	82	9105	1.41	ng		-0.02
11) 2-Methylnaphthalene-d10	12.27	152	16196	1.58	ng		0.00
14) 2,4,6-Tribromophenol	16.00	330	2957	1.18	ng		0.00
15) 2-Fluorobiphenyl	13.13	172	21292	1.65	ng		0.00
25) Fluoranthene-d10	19.26	212	178854	1.68	ng		0.00
29) Terphenyl-d14	19.85	244	31002	1.64	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.42	88	3626	1.330	ng	#	82
3) n-Nitrosodimethylamine	3.73	42	4361	1.252	ng	#	94
6) bis(2-Chloroethyl)ether	7.31	93	8532	1.494	ng		92
9) Naphthalene	10.74	128	118281	1.575	ng		99
10) Hexachlorobutadiene	11.01	225	4395	1.562	ng		98
12) 2-Methylnaphthalene	12.34	142	19603	1.612	ng		98
16) Acenaphthylene	14.23	152	32559	1.660	ng		100
17) Acenaphthene	14.57	154	20611	1.682	ng		97
18) Fluorene	15.55	166	27263	1.639	ng		99
20) 4-Bromophenyl-phenylether	16.42	248	11070	2.448	ng	#	78
21) Hexachlorobenzene	16.55	284	9656	3.383	ng	#	84
22) Pentachlorophenol	16.91	266	2677	1.024	ng	#	72
23) Phenanthrene	17.27	178	62544	2.218	ng		99
24) Anthracene	17.37	178	45798	1.548	ng		98
26) Fluoranthene	19.29	202	54898	1.737	ng		99
28) Pyrene	19.65	202	56681	1.728	ng		99
30) Benzo(a)anthracene	21.38	228	54719	1.569	ng		99
31) Chrysene	21.44	228	52084	1.548	ng		99
32) Bis(2-ethylhexyl)phthalate	21.29	149	117507	0.704	ng		100
33) Indeno(1,2,3-cd)pyrene	26.54	276	52576	1.460	ng		100
35) Benzo(b)fluoranthene	23.13	252	51455	1.518	ng		99
36) Benzo(k)fluoranthene	23.18	252	50536	1.557	ng		97
37) Benzo(a)pyrene	23.79	252	47765	1.559	ng		96
38) Dibenzo(a,h)anthracene	26.56	278	44865	1.547	ng		97
39) Benzo(g,h,i)perylene	27.36	276	45346	1.579	ng		95

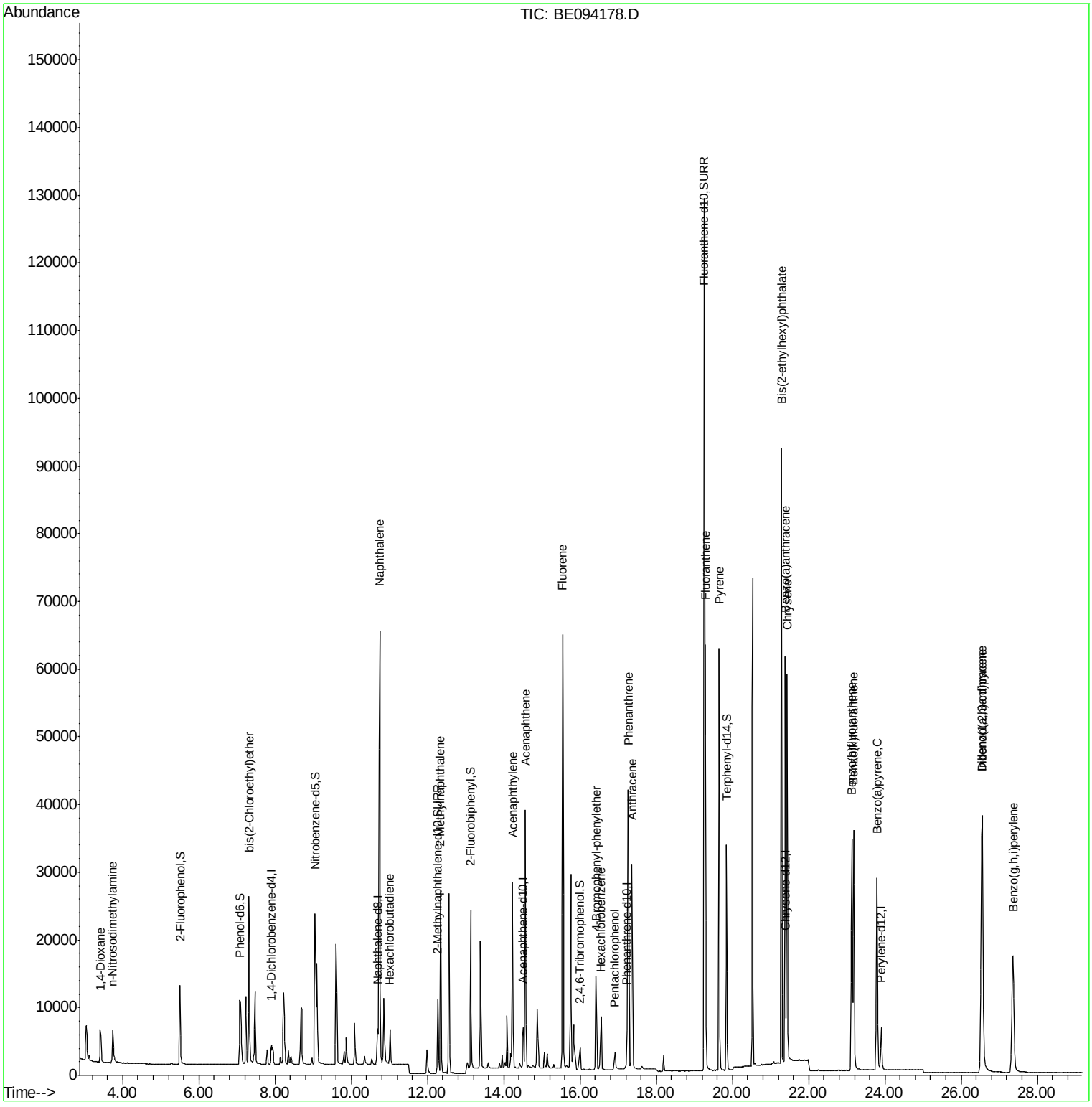
(#) = qualifier out of range (m) = manual integration (+) = signals summed

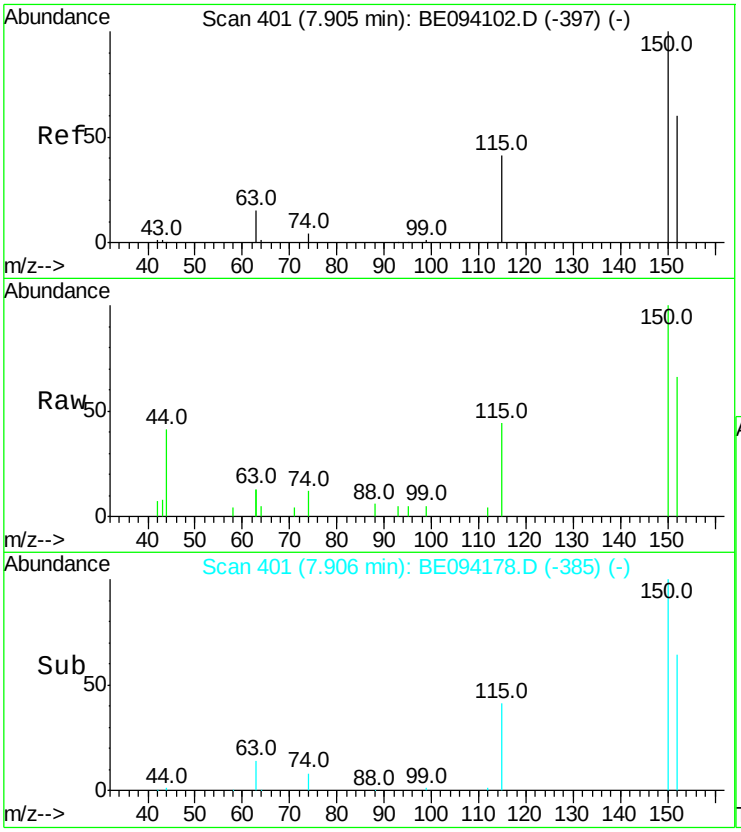
Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA E\DATA\BE100617\
Data File : BE094178.D
Acq On : 6 Oct 2017 13:52
Operator : SJ/JU
Sample : SSTDICC1.6
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument :
BNA_E
ClientSampleId :
SSTDICC1.6

Quant Time: Oct 06 14:26:36 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



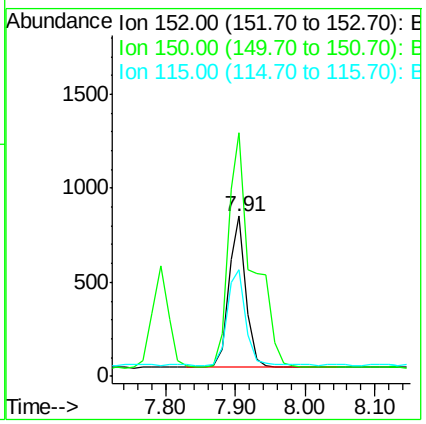


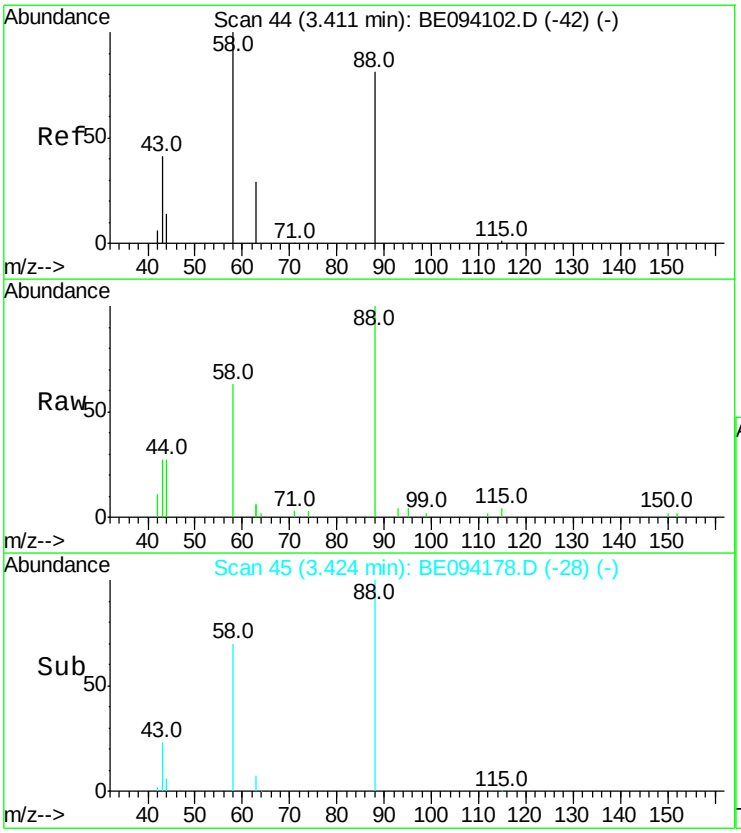
#1
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.91 min Scan# 401
Delta R.T. 0.00 min
Lab File: BE094178.D
Acq: 6 Oct 2017 13:52

Instrument :
BNA_E
ClientSampleId :
SSTDICC1.6

Tgt Ion:152 Resp: 1399

Ion	Ratio	Lower	Upper
152	100		
150	152.0	117.2	175.8
115	66.7	57.0	85.6

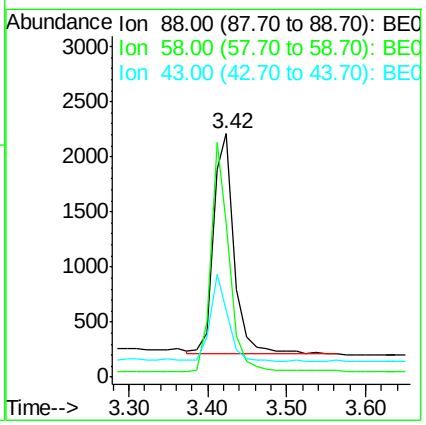


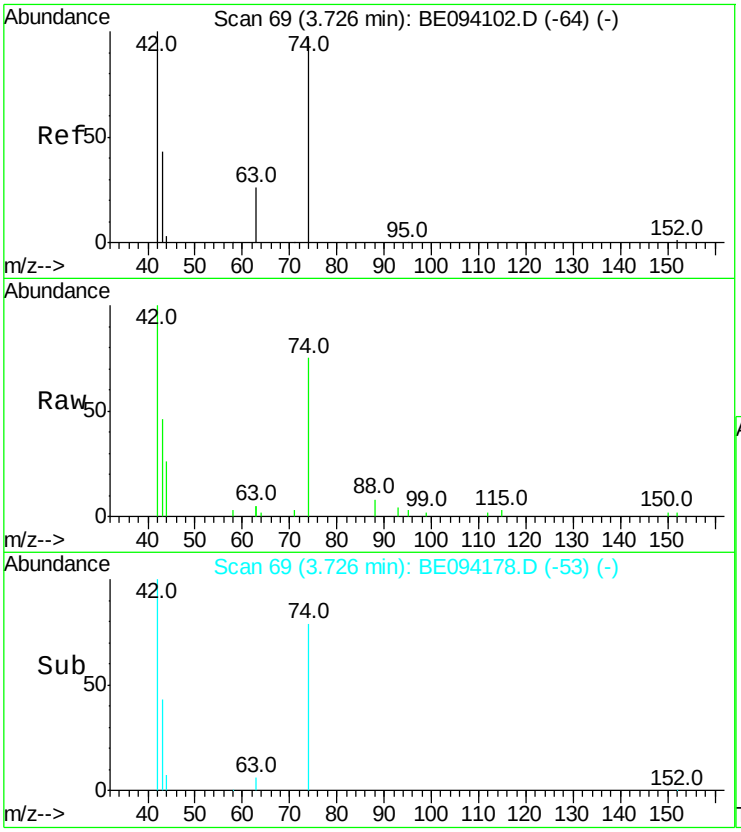


#2
1,4-Dioxane
Concen: 1.330 ng
RT: 3.42 min Scan# 45
Delta R.T. 0.01 min
Lab File: BE094178.D
Acq: 6 Oct 2017 13:52

Tgt Ion: 88 Resp: 3626

Ion	Ratio	Lower	Upper
88	100		
58	91.3	63.2	94.8
43	34.1	41.2	61.8#



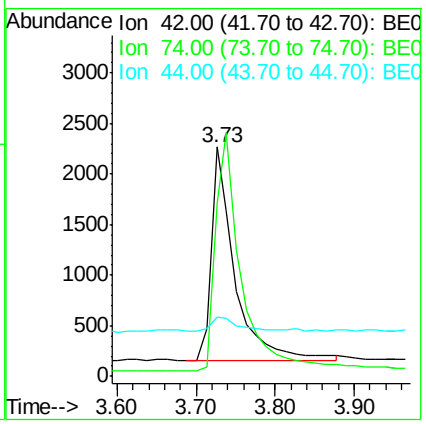


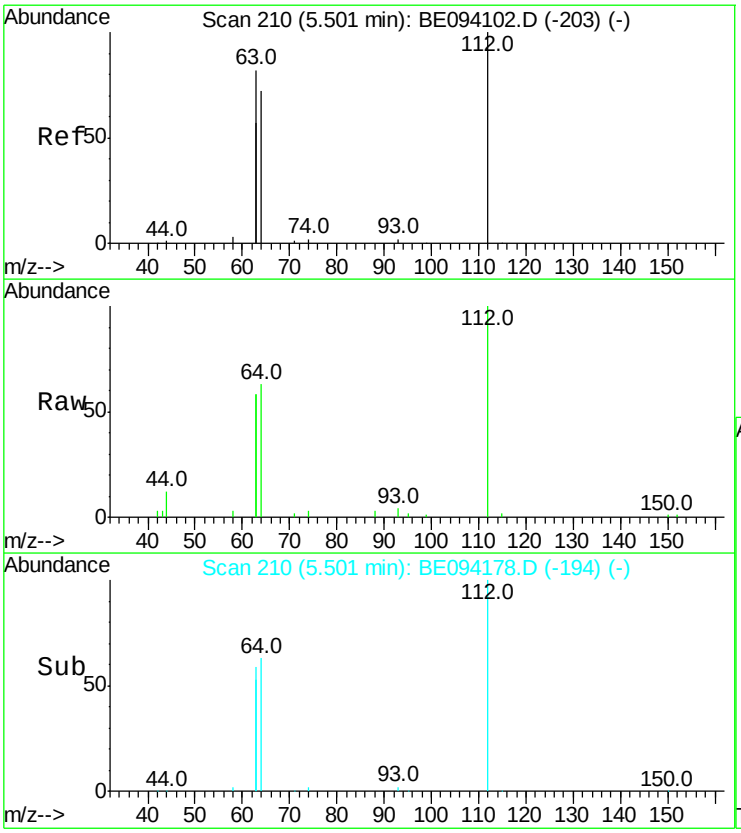
#3
n-Nitrosodimethylamine
Concen: 1.252 ng
RT: 3.73 min Scan# 69
Delta R.T. 0.00 min
Lab File: BE094178.D
Acq: 6 Oct 2017 13:52

Instrument :
BNA_E
ClientSampleId :
SSTDICC1.6

Tgt Ion: 42 Resp: 4361

Ion	Ratio	Lower	Upper
42	100		
74	122.9	100.3	150.5
44	8.0	17.0	25.4#

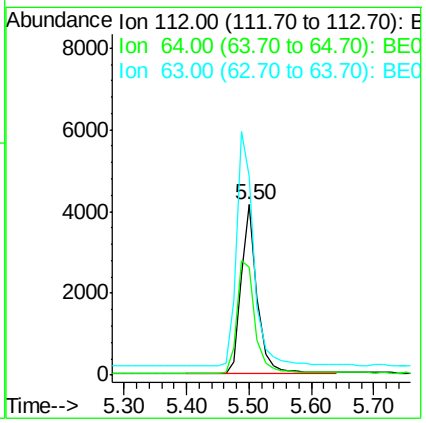


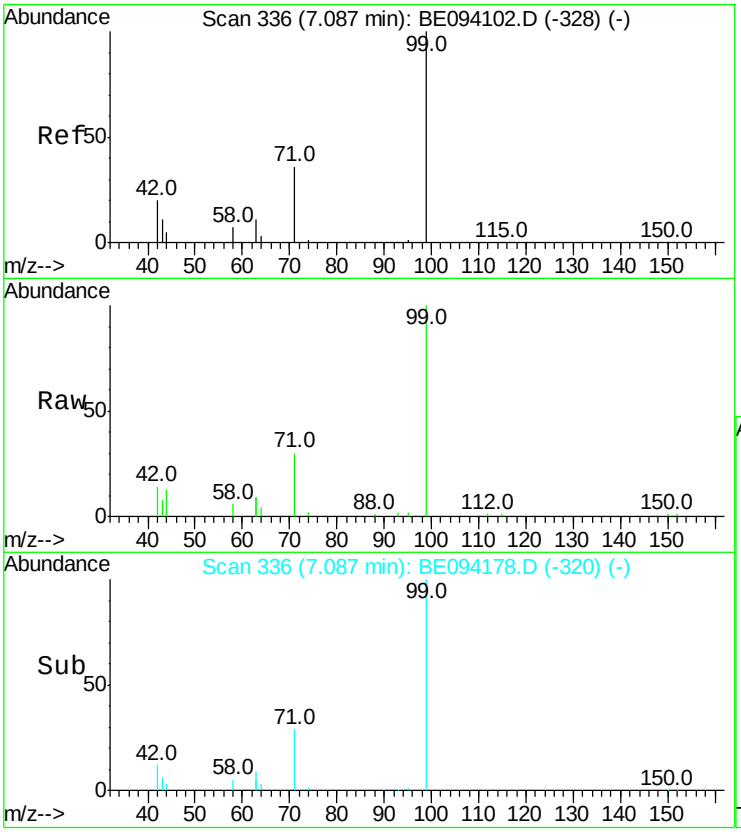


#4
2-Fluorophenol
Concen: 1.377 ng
RT: 5.50 min Scan# 210
Delta R.T. 0.00 min
Lab File: BE094178.D
Acq: 6 Oct 2017 13:52

Tgt Ion:112 Resp: 7304

Ion	Ratio	Lower	Upper
112	100		
64	76.3	60.1	90.1
63	150.9	116.8	175.2



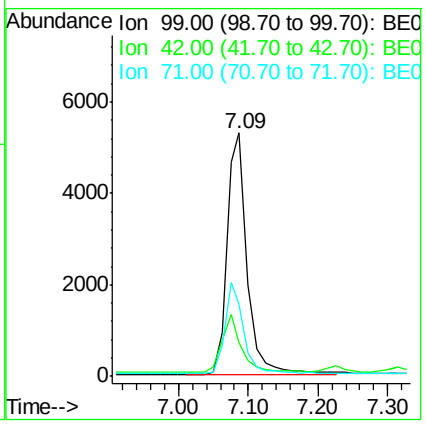


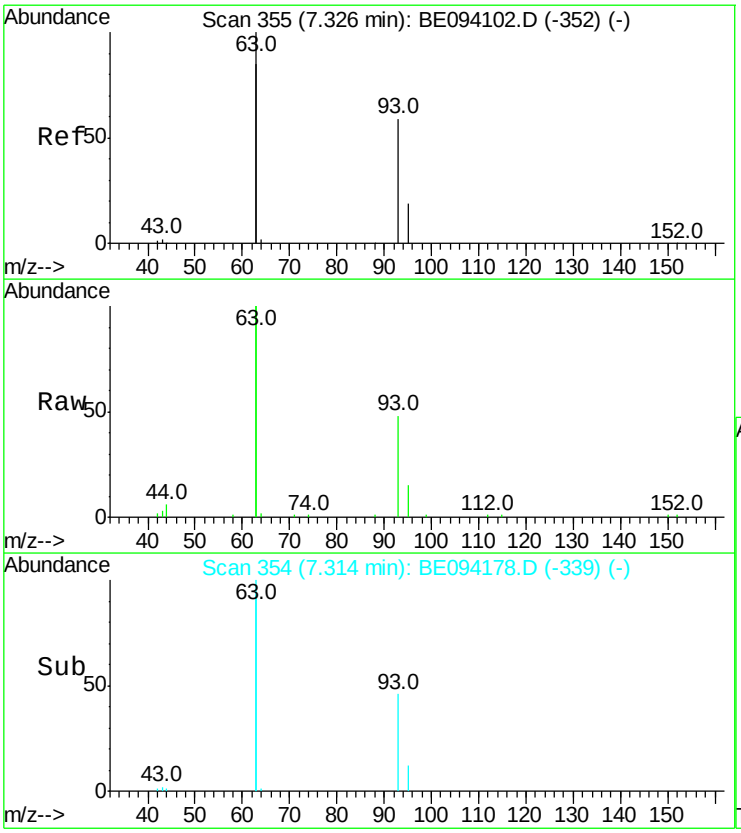
#5
Phenol-d6
Concen: 1.455 ng
RT: 7.09 min Scan# 336
Delta R.T. 0.00 min
Lab File: BE094178.D
Acq: 6 Oct 2017 13:52

Instrument :
BNA_E
ClientSampleId :
SSTDICC1.6

Tgt Ion: 99 Resp: 10716

Ion	Ratio	Lower	Upper
99	100		
42	22.5	20.2	30.2
71	36.0	28.4	42.6

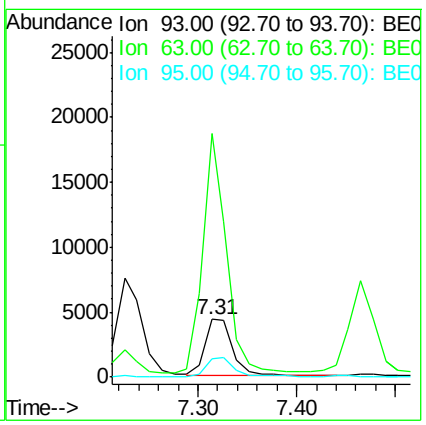


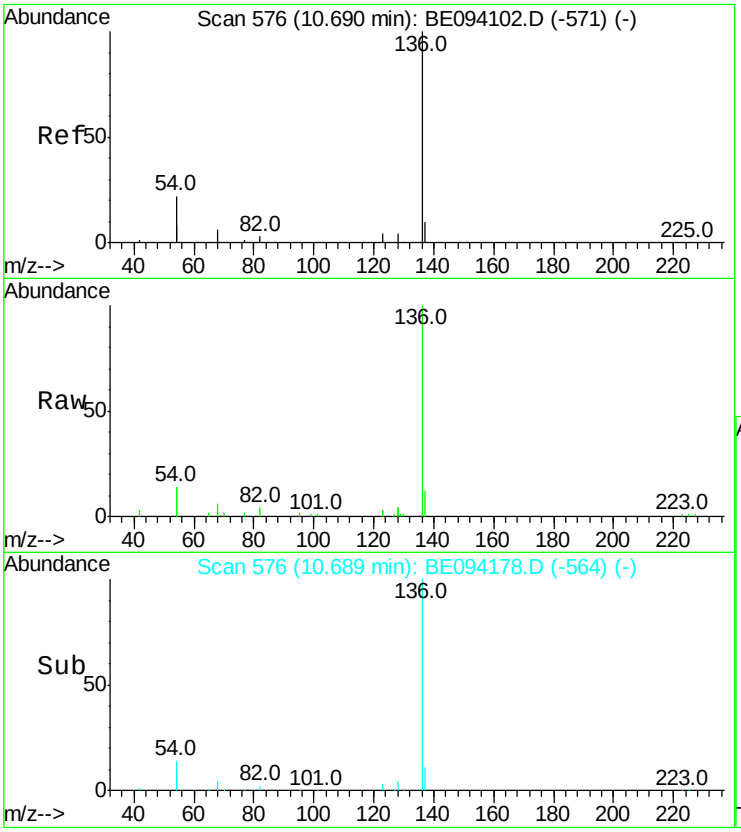


#6
bis(2-Chloroethyl)ether
Concen: 1.494 ng
RT: 7.31 min Scan# 354
Delta R.T. -0.01 min
Lab File: BE094178.D
Acq: 6 Oct 2017 13:52

Tgt Ion: 93 Resp: 8532

Ion	Ratio	Lower	Upper
93	100		
63	361.9	275.3	412.9
95	31.8	25.2	37.8



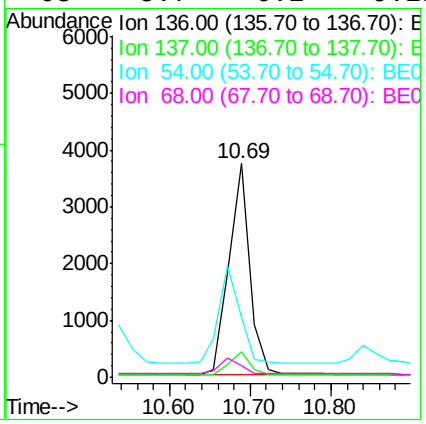


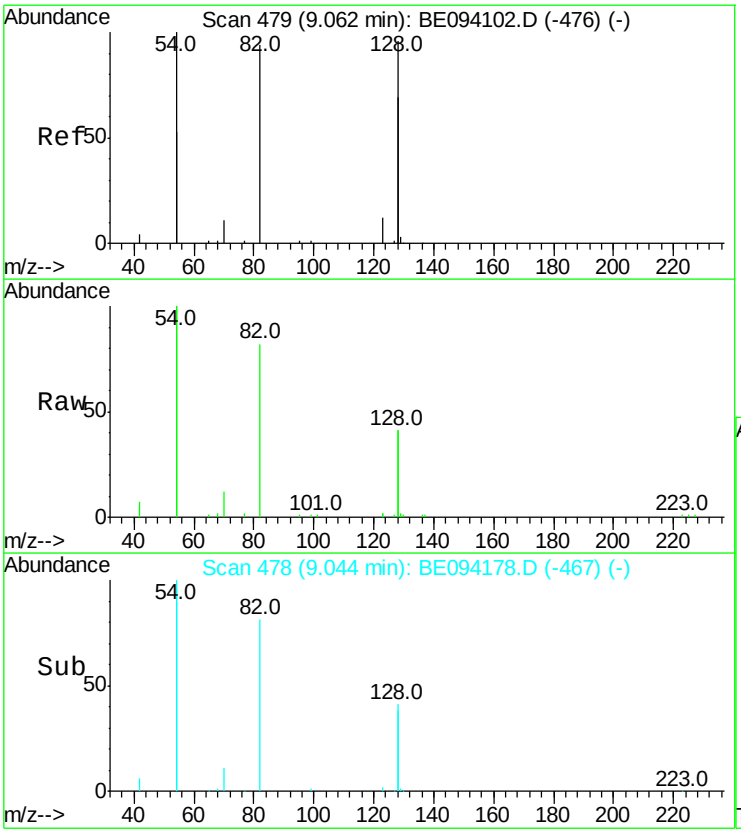
#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.69 min Scan# 576
Delta R.T. -0.00 min
Lab File: BE094178.D
Acq: 6 Oct 2017 13:52

Instrument :
BNA_E
ClientSampleId :
SSTDICC1.6

Tgt Ion:136 Resp: 6650

Ion	Ratio	Lower	Upper
136	100		
137	12.1	9.5	14.3
54	28.3	29.1	43.7#
68	5.7	6.2	9.2#

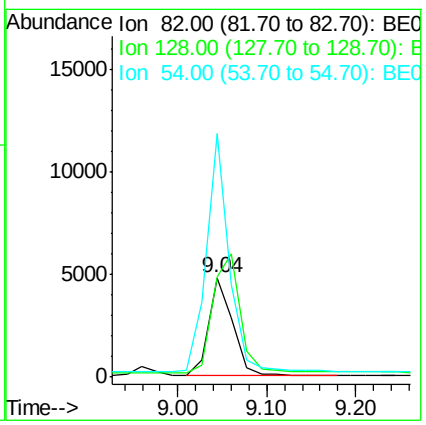


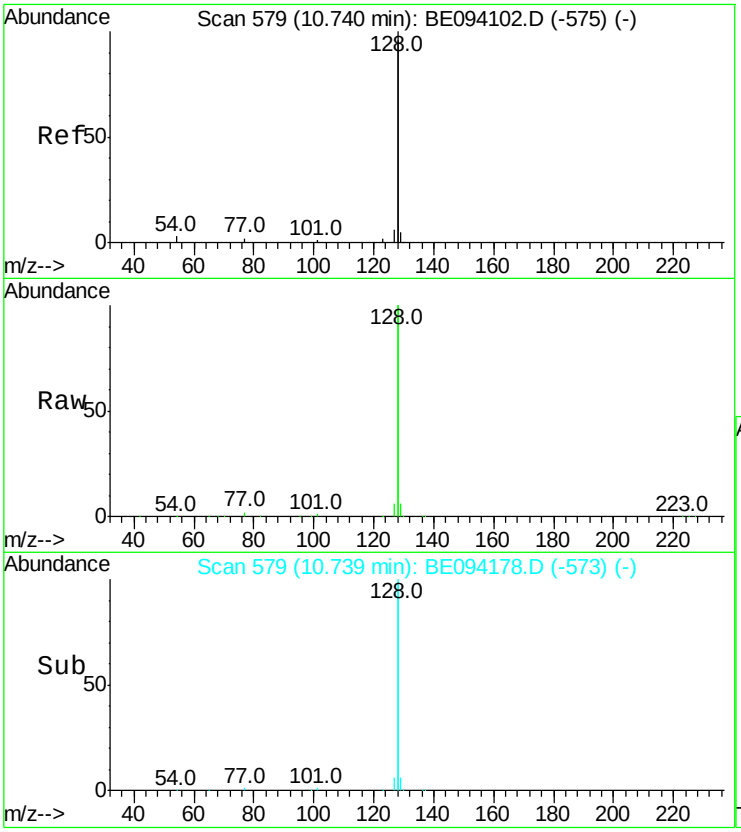


#8
Nitrobenzene-d5
Concen: 1.415 ng
RT: 9.04 min Scan# 478
Delta R.T. -0.02 min
Lab File: BE094178.D
Acq: 6 Oct 2017 13:52

Tgt Ion: 82 Resp: 9105

Ion	Ratio	Lower	Upper
82	100		
128	101.2	150.0	225.0#
54	244.8	154.2	231.4#



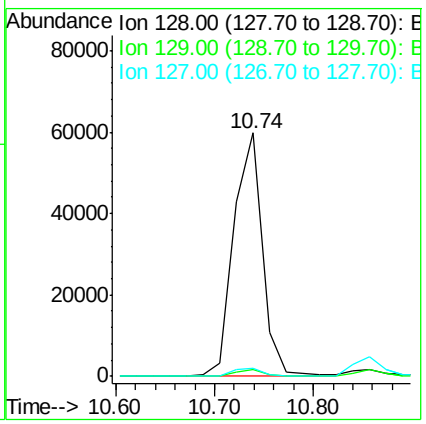


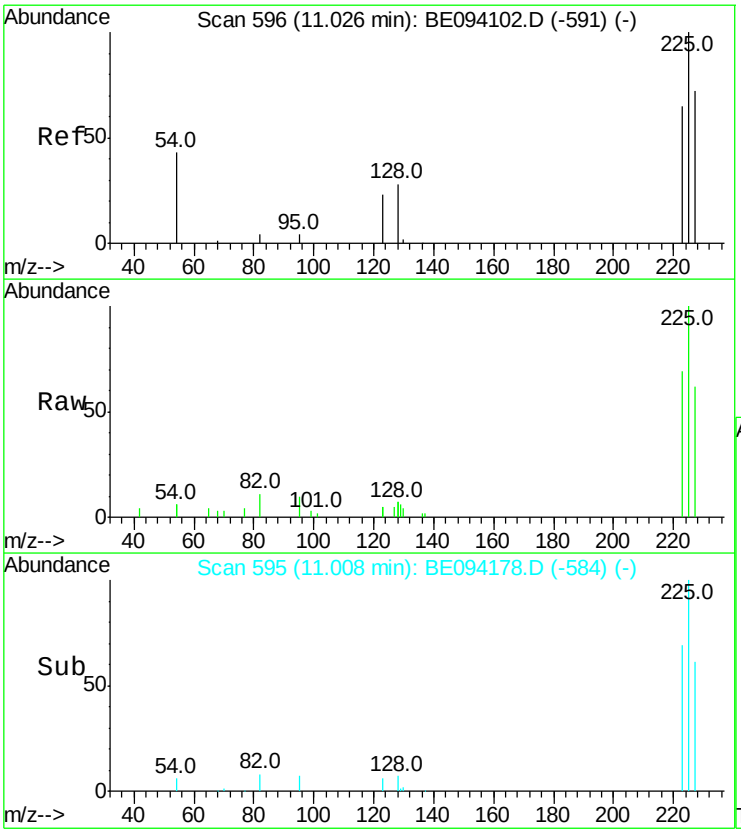
#9
Naphthalene
Concen: 1.575 ng
RT: 10.74 min Scan# 579
Delta R.T. -0.00 min
Lab File: BE094178.D
Acq: 6 Oct 2017 13:52

Instrument :
BNA_E
ClientSampleId :
SSTDICC1.6

Tgt Ion:128 Resp: 118281

Ion	Ratio	Lower	Upper
128	100		
129	2.9	2.6	3.8
127	3.1	2.8	4.2

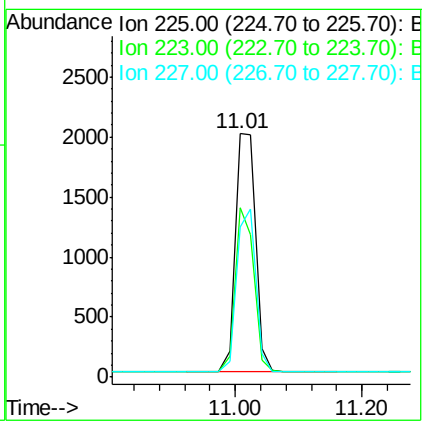


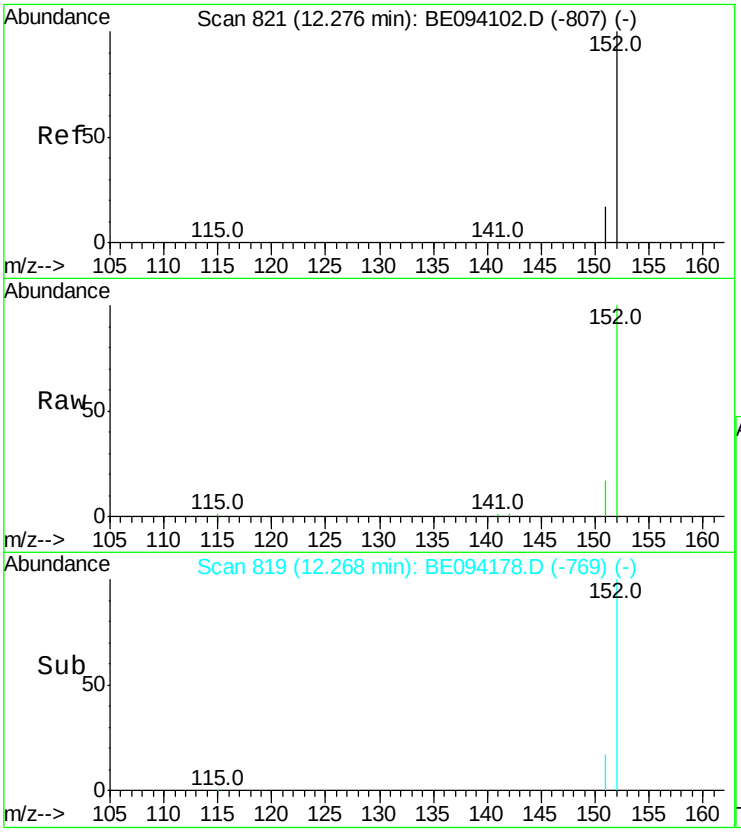


#10
Hexachlorobutadiene
Concen: 1.562 ng
RT: 11.01 min Scan# 595
Delta R.T. -0.02 min
Lab File: BE094178.D
Acq: 6 Oct 2017 13:52

Tgt Ion:225 Resp: 4395

Ion	Ratio	Lower	Upper
225	100		
223	63.0	53.0	79.6
227	64.7	51.4	77.2



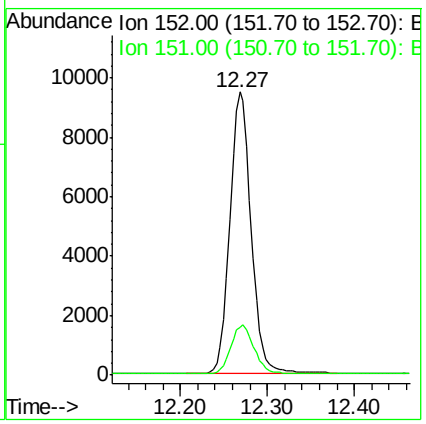


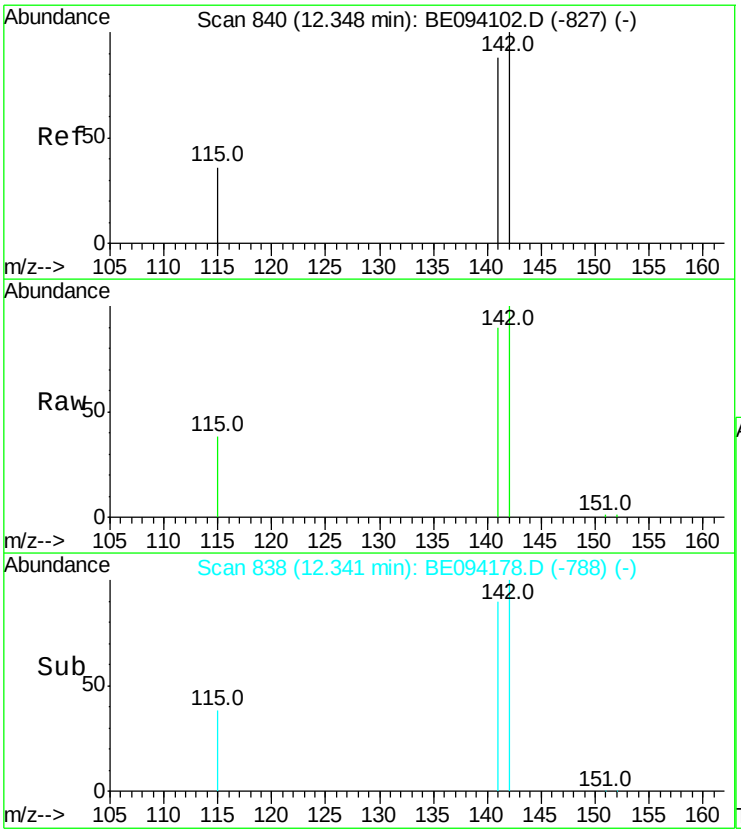
#11
2-Methylnaphthalene-d10
Concen: 1.581 ng
RT: 12.27 min Scan# 819
Delta R.T. -0.01 min
Lab File: BE094178.D
Acq: 6 Oct 2017 13:52

Instrument :
BNA_E
ClientSampleId :
SSTDICC1.6

Tgt Ion:152 Resp: 16196

Ion	Ratio	Lower	Upper
152	100		
151	19.0	15.4	23.0

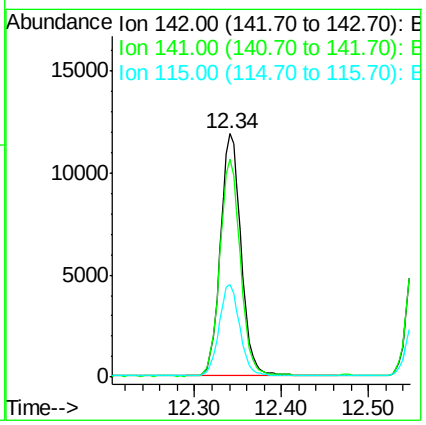


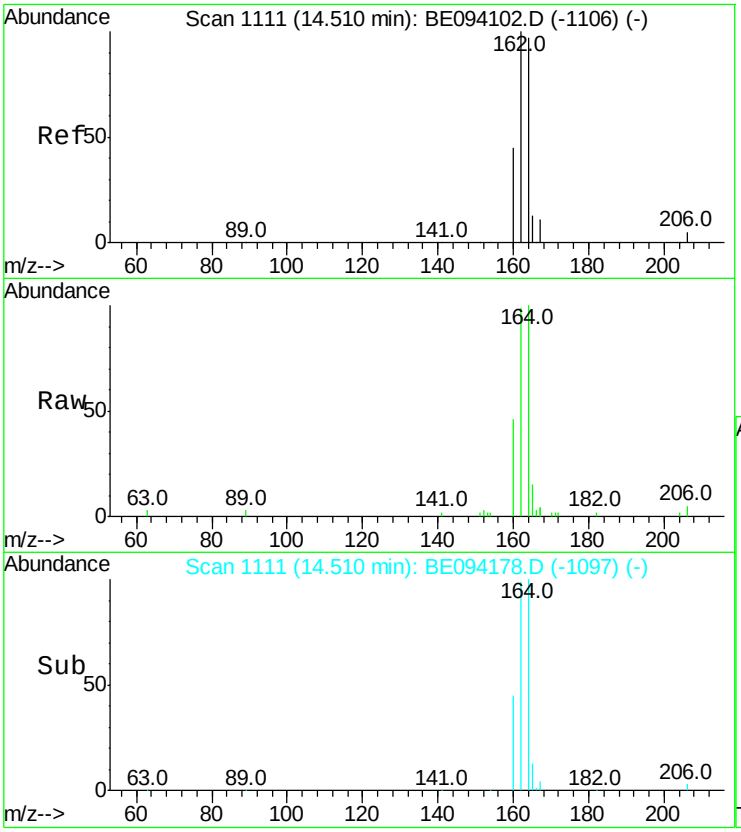


#12
2-Methylnaphthalene
Concen: 1.612 ng
RT: 12.34 min Scan# 838
Delta R.T. -0.01 min
Lab File: BE094178.D
Acq: 6 Oct 2017 13:52

Tgt Ion:142 Resp: 19603

Ion	Ratio	Lower	Upper
142	100		
141	89.6	70.4	105.6
115	37.8	31.7	47.5



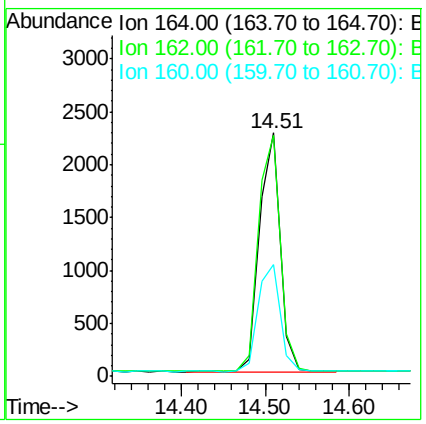


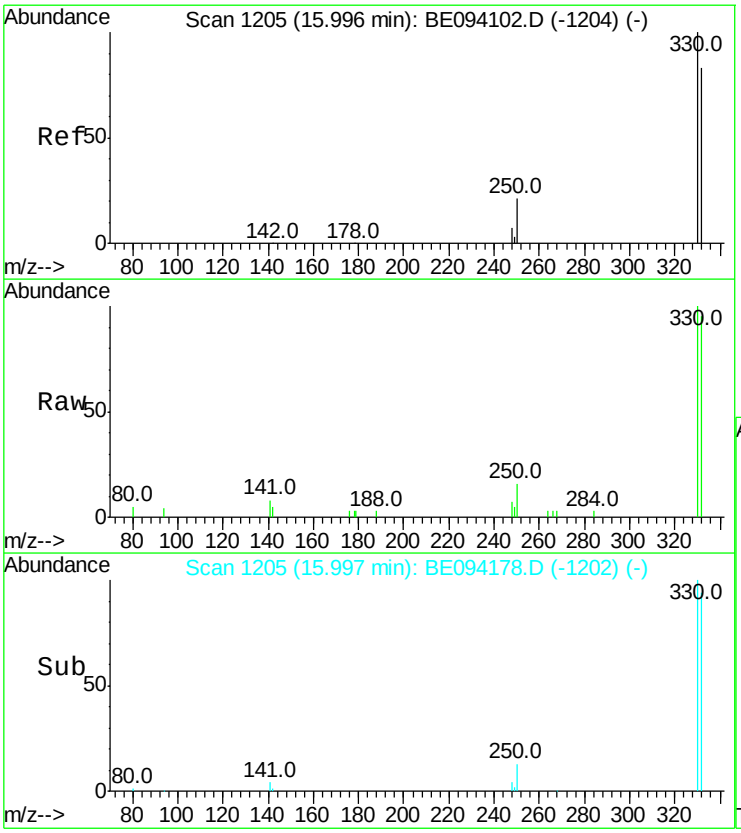
#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.51 min Scan# 1111
Delta R.T. 0.00 min
Lab File: BE094178.D
Acq: 6 Oct 2017 13:52

Instrument :
BNA_E
ClientSampleId :
SSTDICC1.6

Tgt Ion:164 Resp: 3913

Ion	Ratio	Lower	Upper
164	100		
162	98.8	83.1	124.7
160	46.0	37.1	55.7

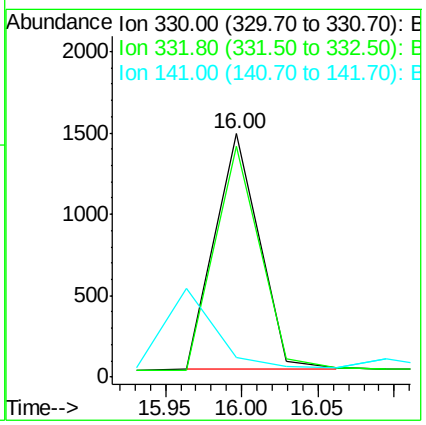


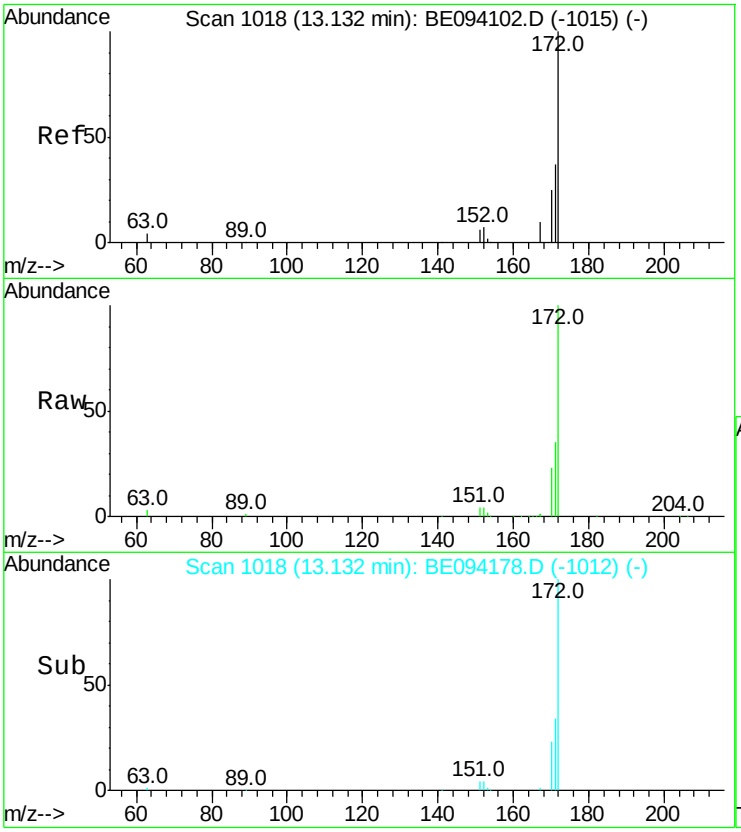


#14
2,4,6-Tribromophenol
Concen: 1.180 ng
RT: 16.00 min Scan# 1205
Delta R.T. 0.00 min
Lab File: BE094178.D
Acq: 6 Oct 2017 13:52

Tgt Ion:330 Resp: 2957

Ion	Ratio	Lower	Upper
330	100		
332	95.9	152.7	229.1#
141	0.0	33.7	50.5#



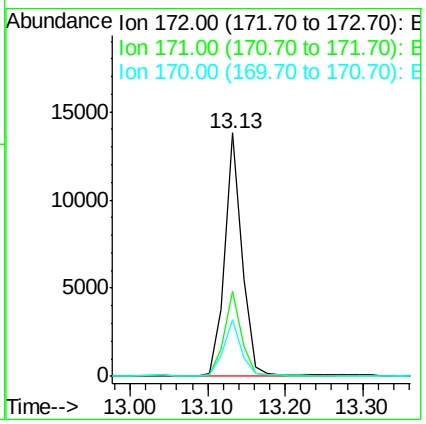


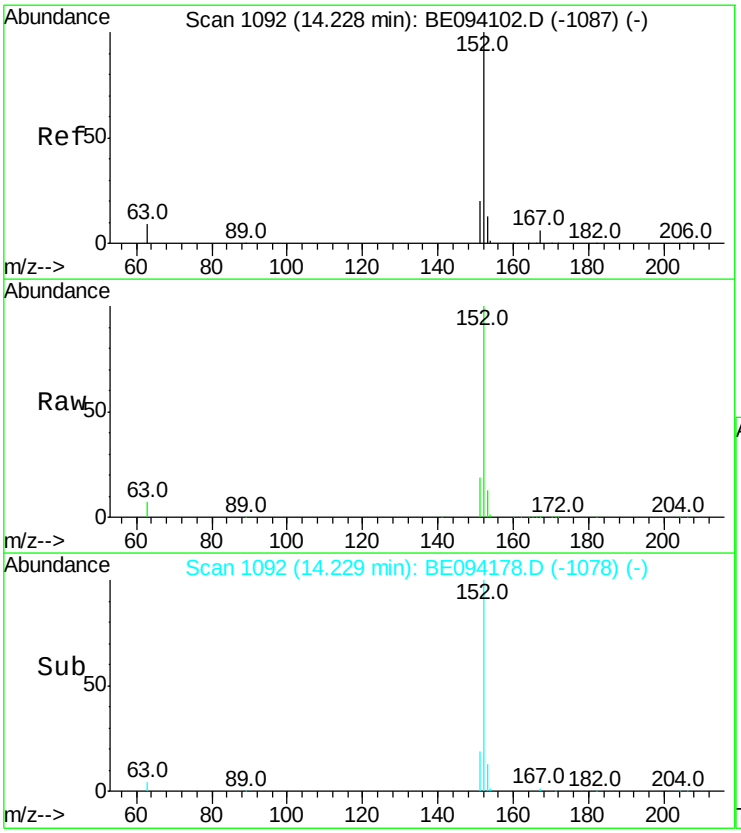
#15
2-Fluorobiphenyl
Concen: 1.647 ng
RT: 13.13 min Scan# 1018
Delta R.T. 0.00 min
Lab File: BE094178.D
Acq: 6 Oct 2017 13:52

Instrument :
BNA_E
ClientSampleId :
SSTDICC1.6

Tgt Ion:172 Resp: 21292

Ion	Ratio	Lower	Upper
172	100		
171	34.7	29.9	44.9
170	23.1	21.8	32.8

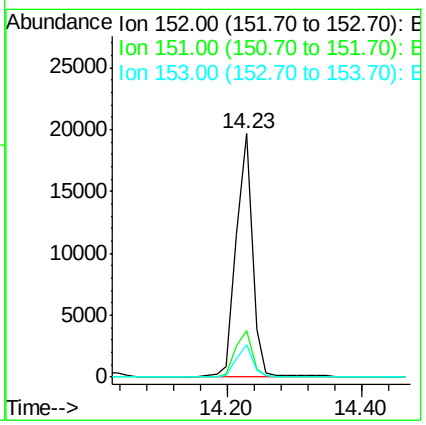


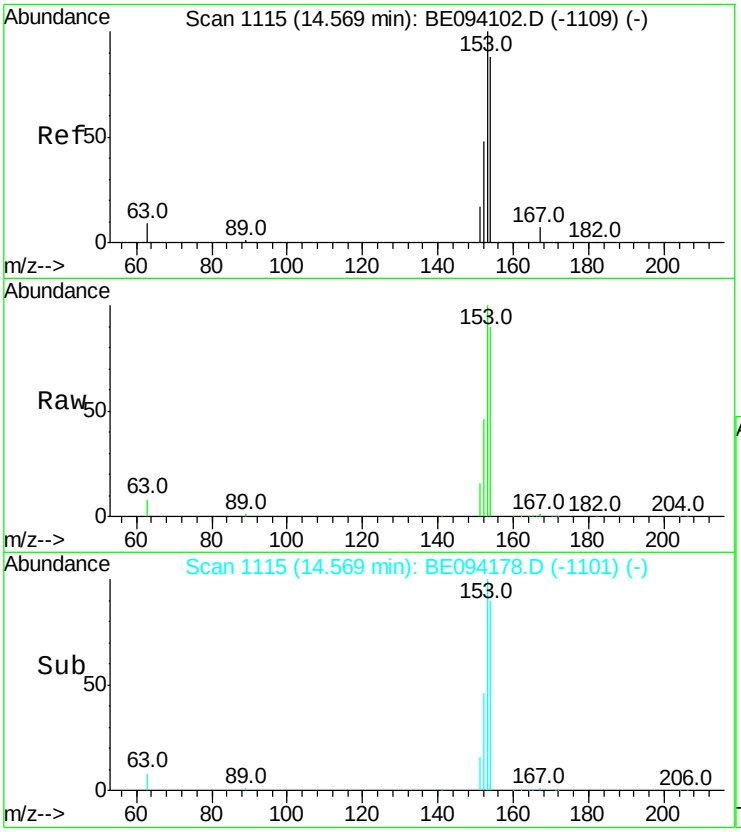


#16
Acenaphthylene
Concen: 1.660 ng
RT: 14.23 min Scan# 1092
Delta R.T. 0.00 min
Lab File: BE094178.D
Acq: 6 Oct 2017 13:52

Tgt Ion:152 Resp: 32559

Ion	Ratio	Lower	Upper
152	100		
151	19.4	15.7	23.5
153	13.0	10.5	15.7



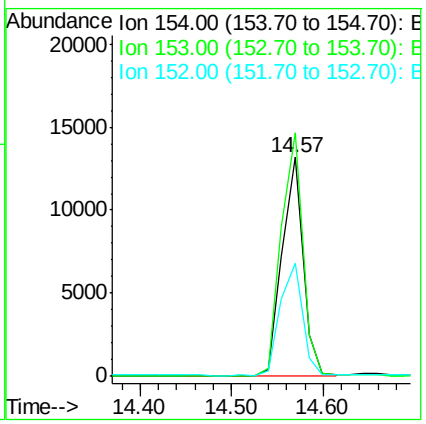


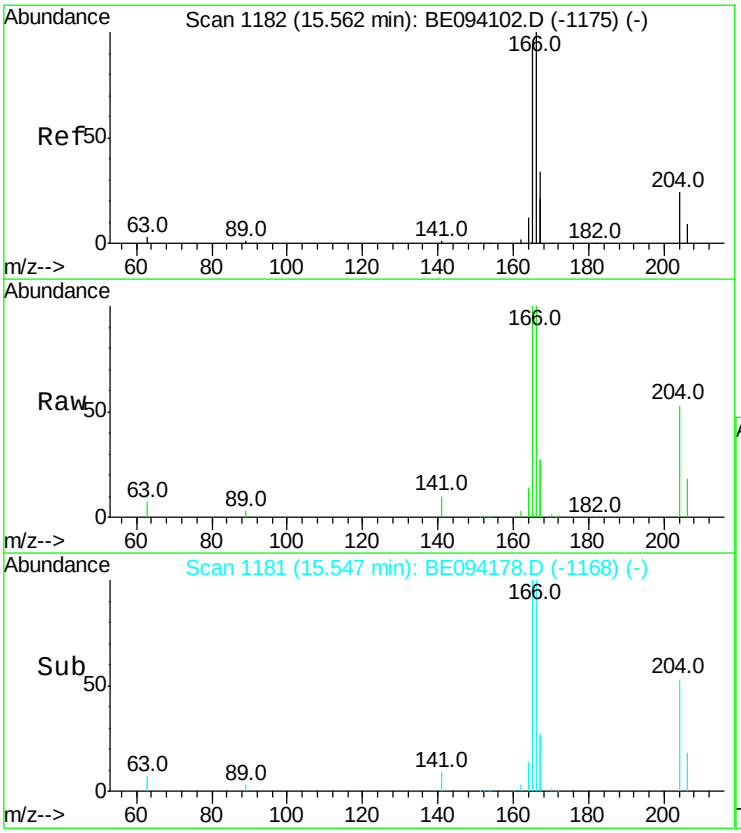
#17
Acenaphthene
Concen: 1.682 ng
RT: 14.57 min Scan# 1115
Delta R.T. 0.00 min
Lab File: BE094178.D
Acq: 6 Oct 2017 13:52

Instrument :
BNA_E
ClientSampleId :
SSTDICC1.6

Tgt Ion:154 Resp: 20611

Ion	Ratio	Lower	Upper
154	100		
153	114.9	89.2	133.8
152	55.4	42.0	63.0

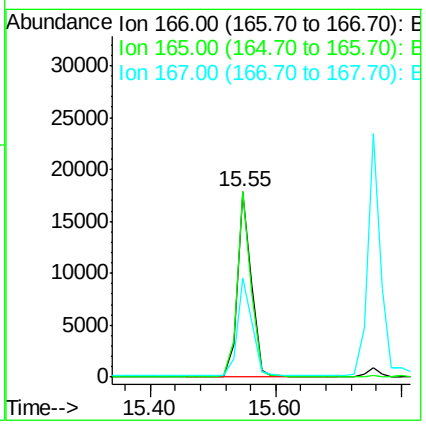


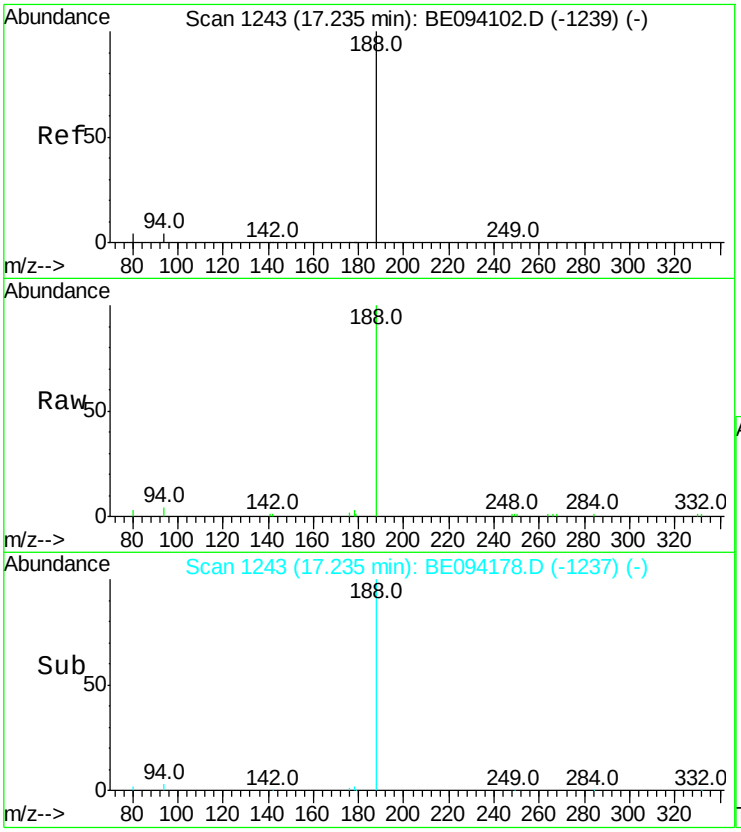


#18
Fluorene
Concen: 1.639 ng
RT: 15.55 min Scan# 1181
Delta R.T. -0.01 min
Lab File: BE094178.D
Acq: 6 Oct 2017 13:52

Tgt Ion:166 Resp: 27263

Ion	Ratio	Lower	Upper
166	100		
165	98.2	77.8	116.6
167	54.0	42.4	63.6



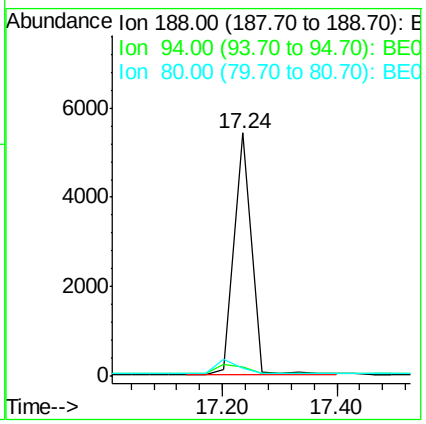


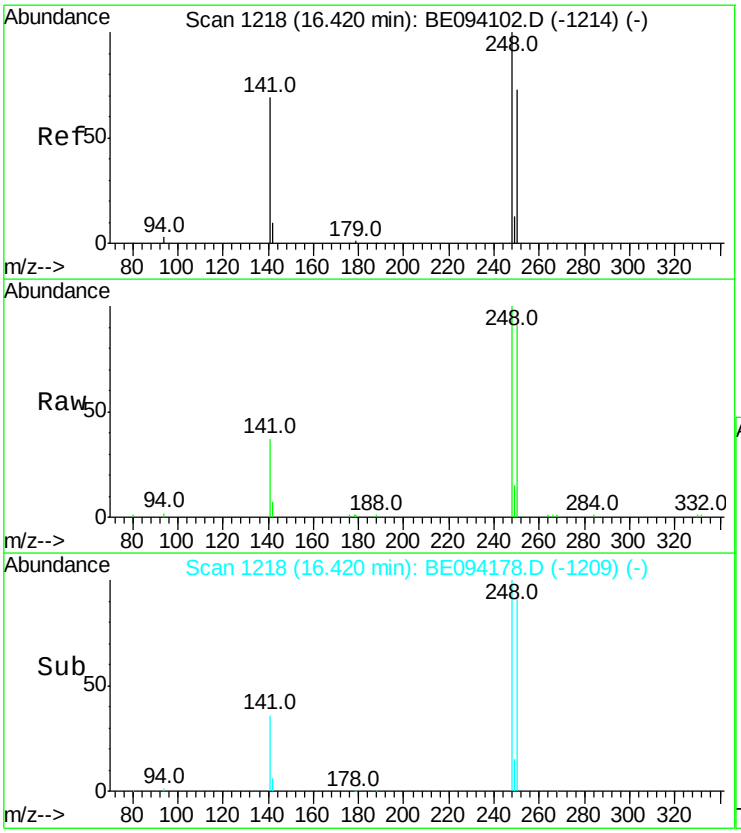
#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.24 min Scan# 1243
Delta R.T. 0.00 min
Lab File: BE094178.D
Acq: 6 Oct 2017 13:52

Instrument :
BNA_E
ClientSampleId :
SSTDICC1.6

Tgt Ion:188 Resp: 11023

Ion	Ratio	Lower	Upper
188	100		
94	3.9	3.9	5.9#
80	3.5	3.6	5.4#

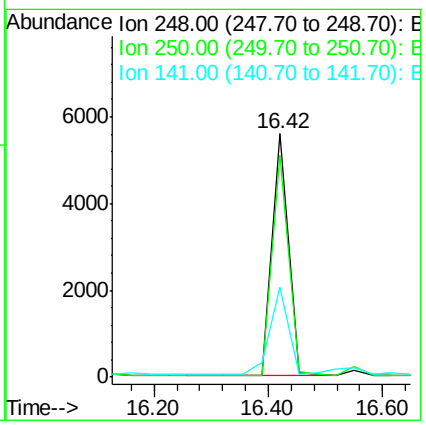


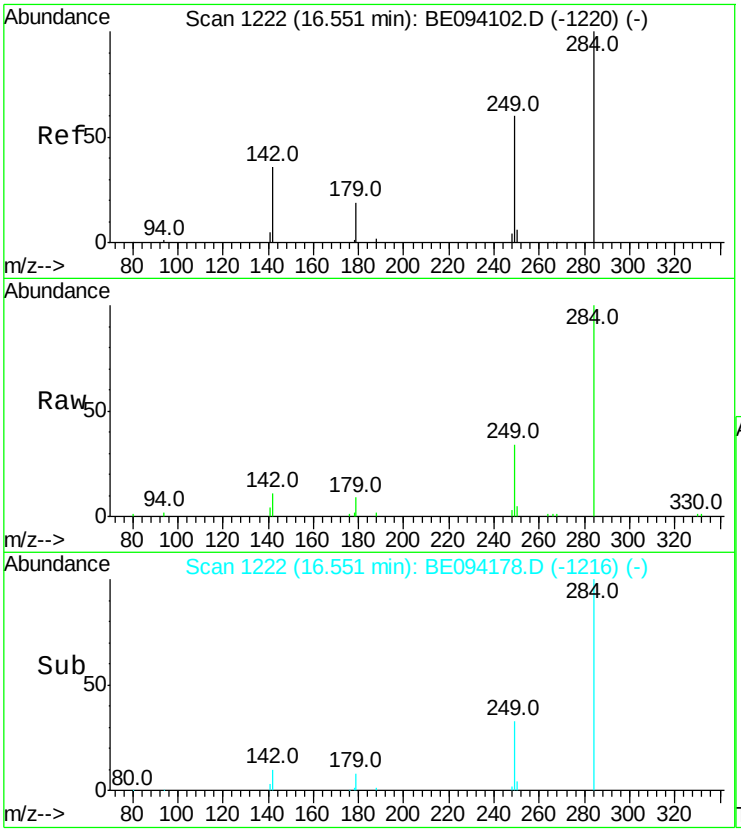


#20
4-Bromophenyl-phenylether
Concen: 2.448 ng
RT: 16.42 min Scan# 1218
Delta R.T. 0.00 min
Lab File: BE094178.D
Acq: 6 Oct 2017 13:52

Tgt Ion:248 Resp: 11070

Ion	Ratio	Lower	Upper
248	100		
250	91.2	62.7	94.1
141	36.8	48.2	72.2#



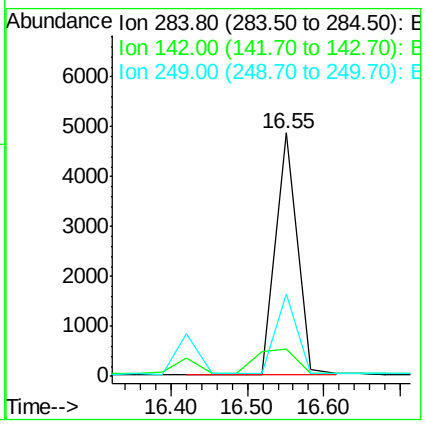


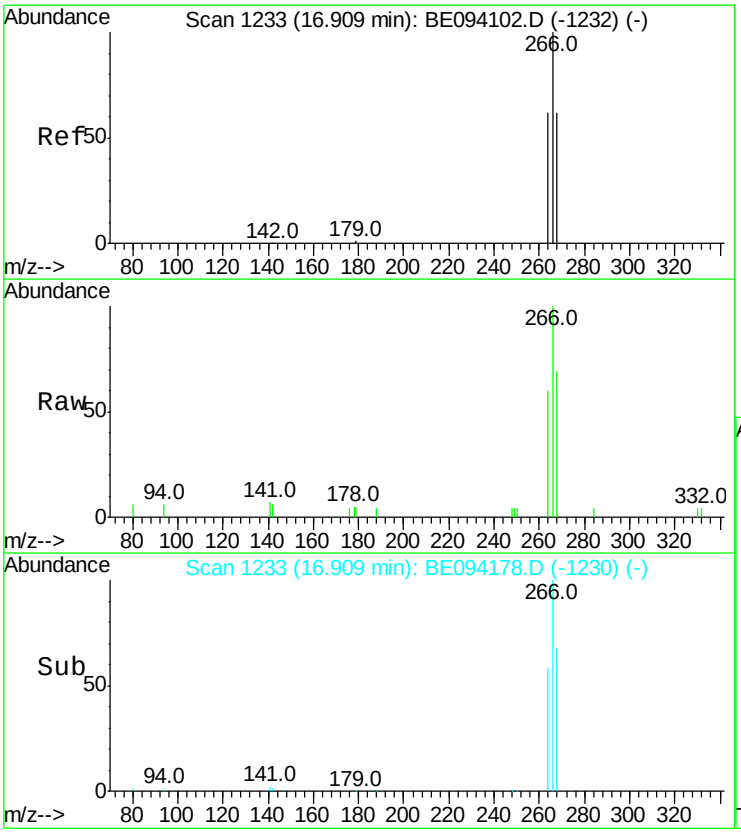
#21
Hexachlorobenzene
Concen: 3.383 ng
RT: 16.55 min Scan# 1222
Delta R.T. 0.00 min
Lab File: BE094178.D
Acq: 6 Oct 2017 13:52

Instrument :
BNA_E
ClientSampleId :
SSTDICC1.6

Tgt Ion:284 Resp: 9656

Ion	Ratio	Lower	Upper
284	100		
142	19.2	22.1	33.1#
249	32.8	34.8	52.2#

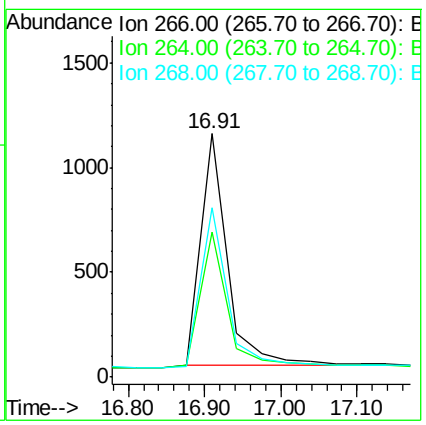


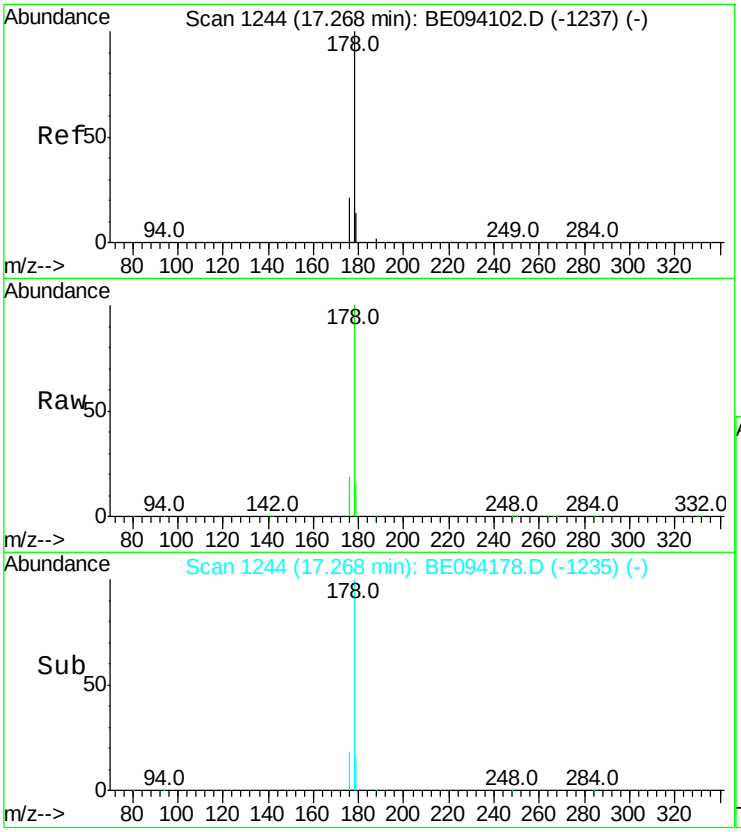


#22
Pentachlorophenol
Concen: 1.024 ng
RT: 16.91 min Scan# 1233
Delta R.T. 0.00 min
Lab File: BE094178.D
Acq: 6 Oct 2017 13:52

Tgt Ion:266 Resp: 2677

Ion	Ratio	Lower	Upper
266	100		
264	59.8	72.5	108.7#
268	69.4	73.8	110.6#



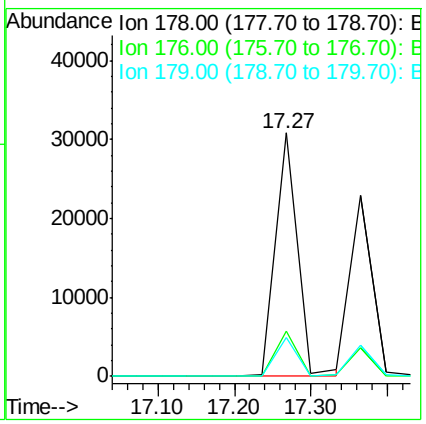


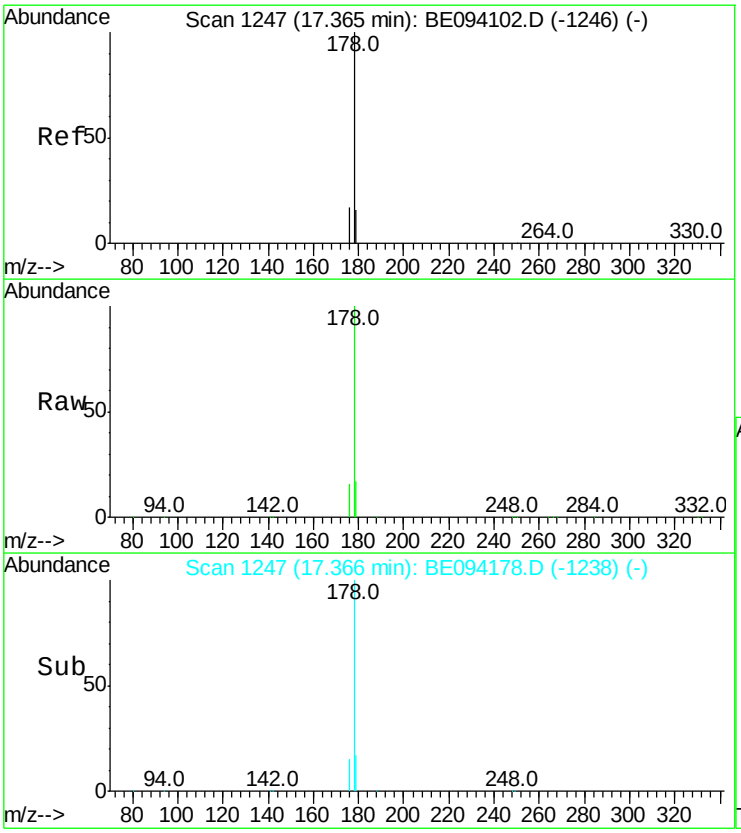
#23
Phenanthrene
Concen: 2.218 ng
RT: 17.27 min Scan# 1244
Delta R.T. 0.00 min
Lab File: BE094178.D
Acq: 6 Oct 2017 13:52

Instrument :
BNA_E
ClientSampleId :
SSTDICC1.6

Tgt Ion:178 Resp: 62544

Ion	Ratio	Lower	Upper
178	100		
176	18.7	15.1	22.7
179	15.5	11.8	17.6

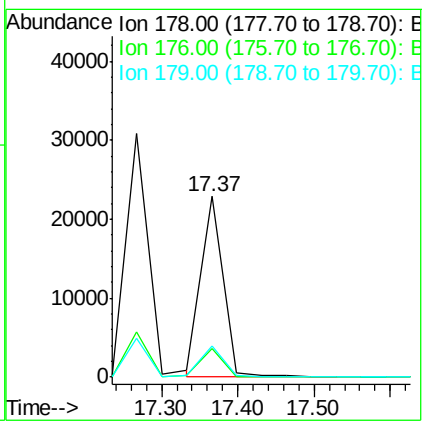


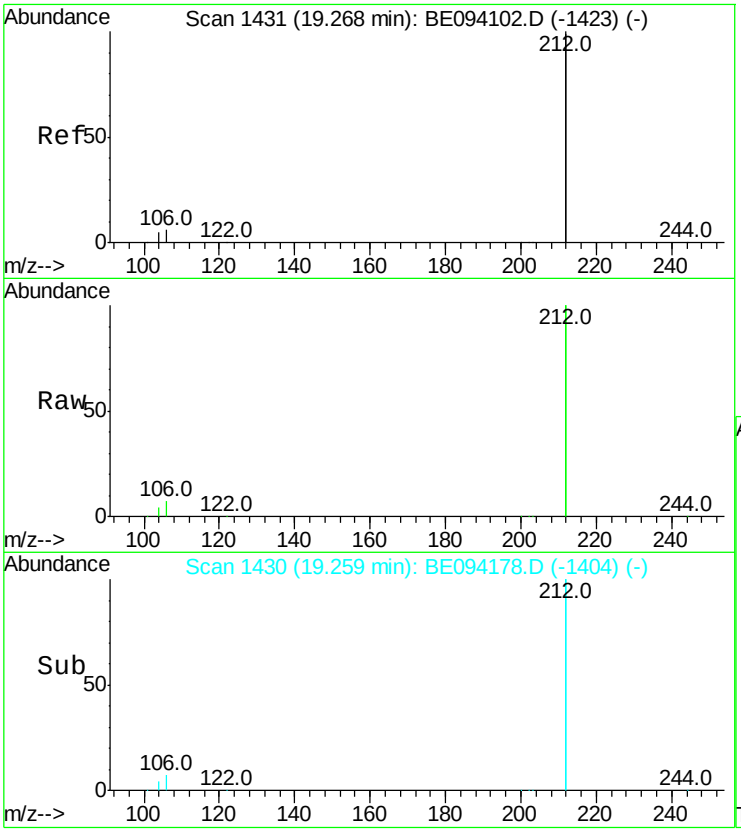


#24
Anthracene
Concen: 1.548 ng
RT: 17.37 min Scan# 1247
Delta R.T. 0.00 min
Lab File: BE094178.D
Acq: 6 Oct 2017 13:52

Tgt Ion:178 Resp: 45798

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



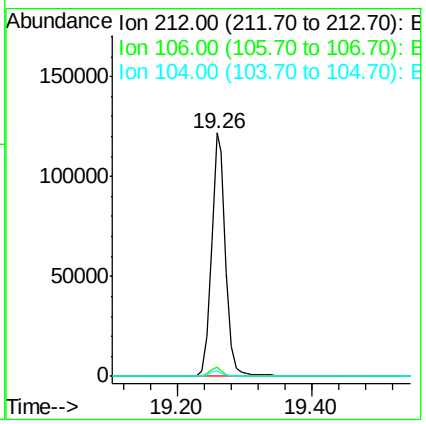


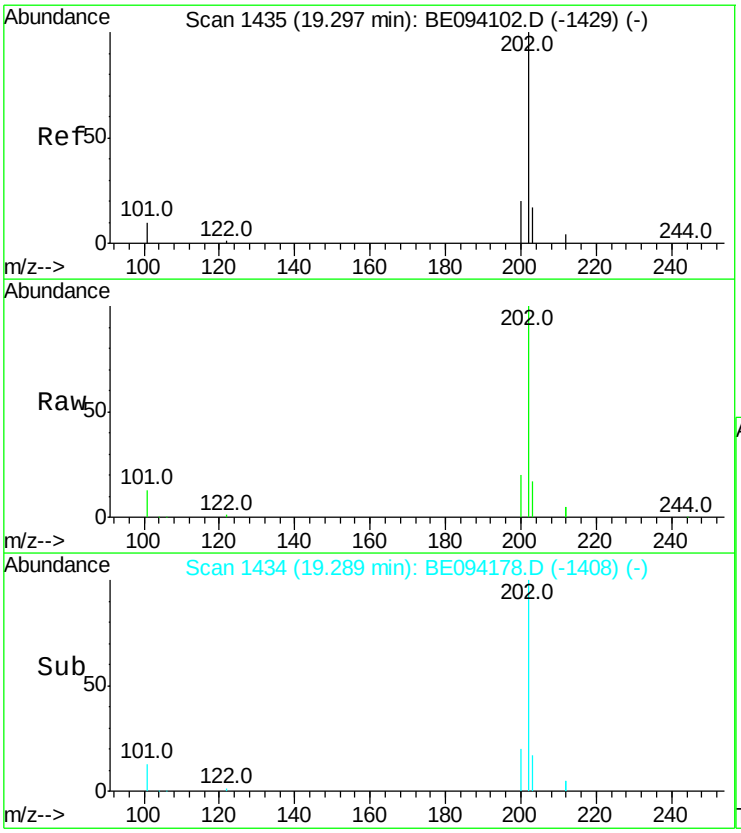
#25
Fluoranthene-d10
Concen: 1.676 ng
RT: 19.26 min Scan# 1430
Delta R.T. -0.01 min
Lab File: BE094178.D
Acq: 6 Oct 2017 13:52

Instrument :
BNA_E
ClientSampleId :
SSTDICC1.6

Tgt Ion:212 Resp: 178854

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

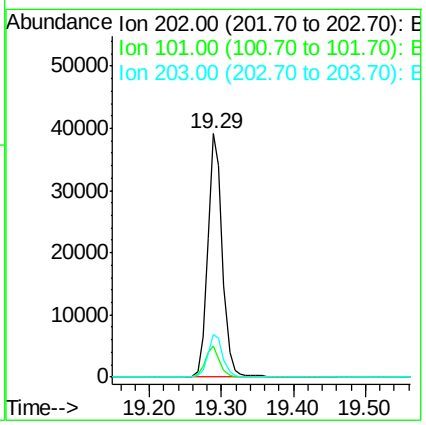


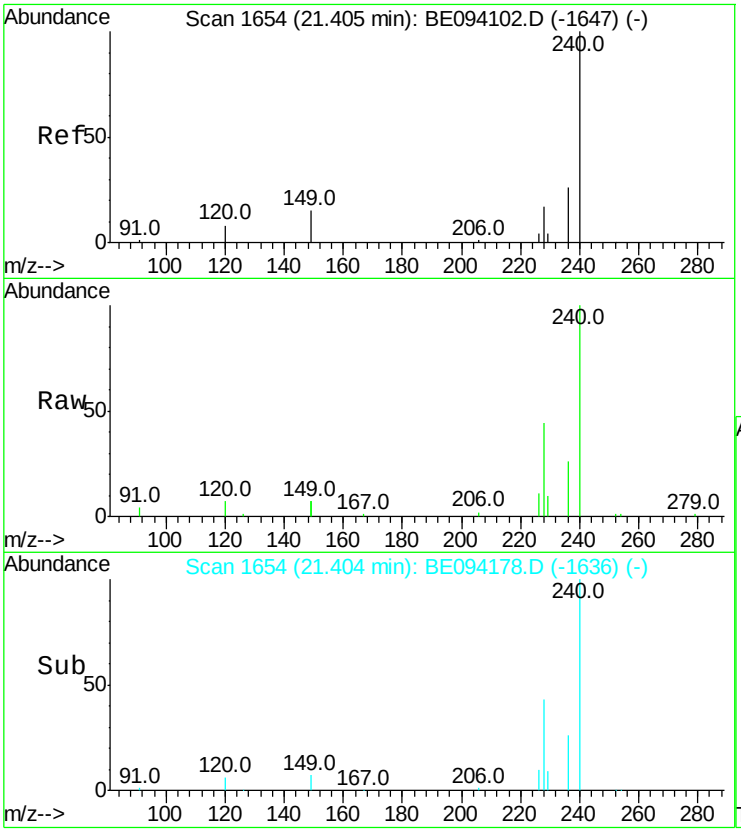


#26
Fluoranthene
Concen: 1.737 ng
RT: 19.29 min Scan# 1434
Delta R.T. -0.01 min
Lab File: BE094178.D
Acq: 6 Oct 2017 13:52

Tgt Ion:202 Resp: 54898

Ion	Ratio	Lower	Upper
202	100		
101	12.5	9.8	14.8
203	17.5	13.7	20.5



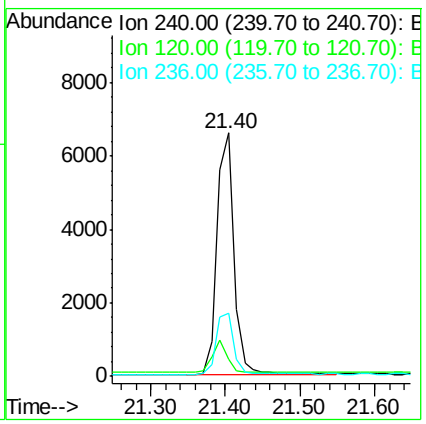


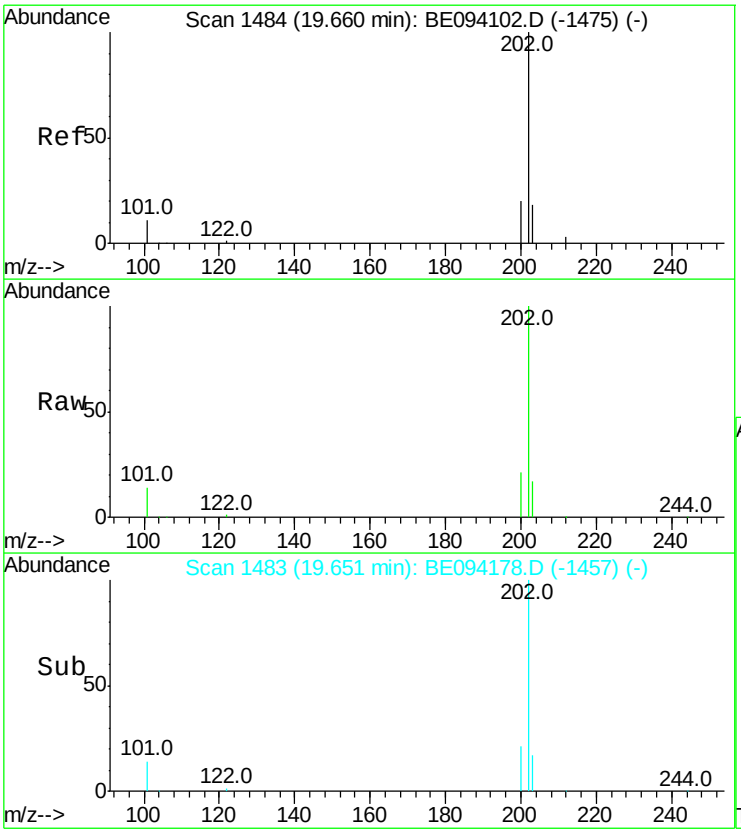
#27
Chrysene-d12
Concen: 0.400 ng
RT: 21.40 min Scan# 1654
Delta R.T. -0.00 min
Lab File: BE094178.D
Acq: 6 Oct 2017 13:52

Instrument :
BNA_E
ClientSampleId :
SSTDICC1.6

Tgt Ion:240 Resp: 10354

Ion	Ratio	Lower	Upper
240	100		
120	7.3	5.5	8.3
236	26.2	20.7	31.1

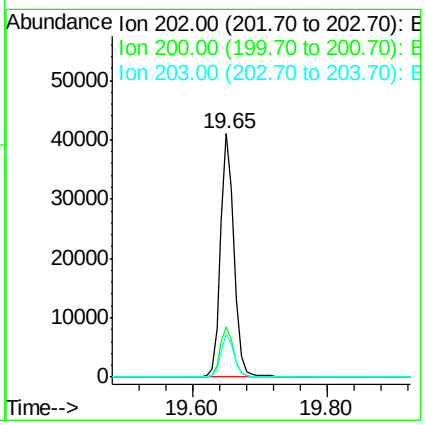


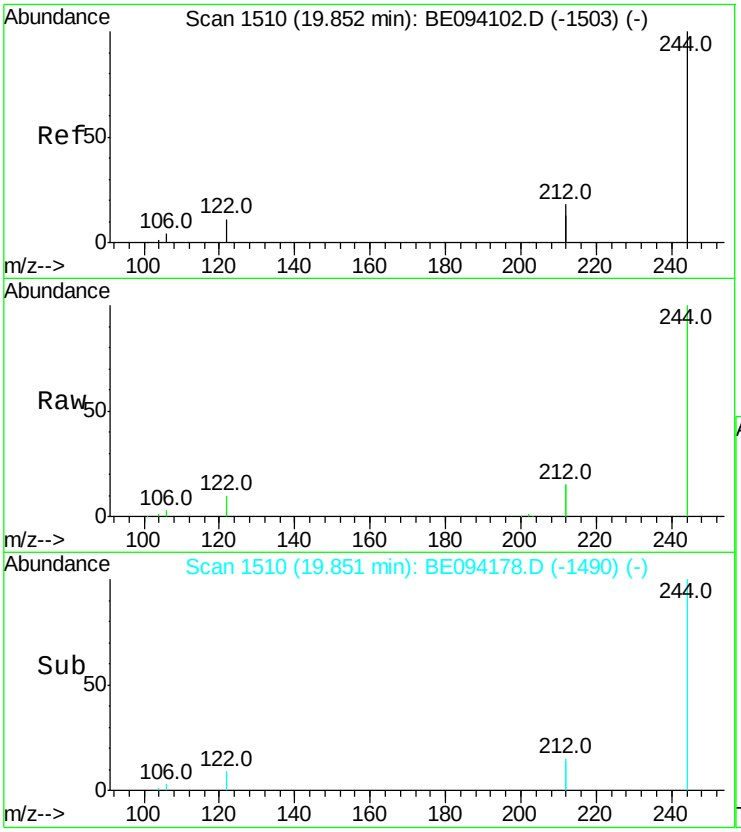


#28
Pyrene
Concen: 1.728 ng
RT: 19.65 min Scan# 1483
Delta R.T. -0.01 min
Lab File: BE094178.D
Acq: 6 Oct 2017 13:52

Tgt Ion:202 Resp: 56681

Ion	Ratio	Lower	Upper
202	100		
200	20.6	16.6	25.0
203	17.6	13.8	20.8



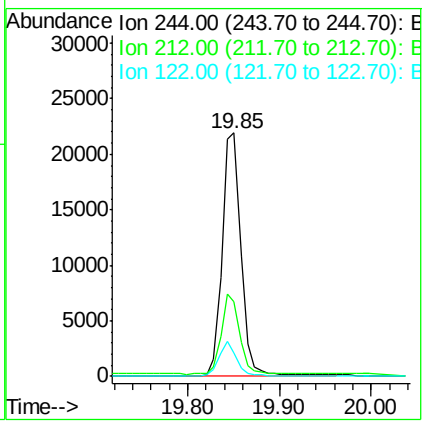


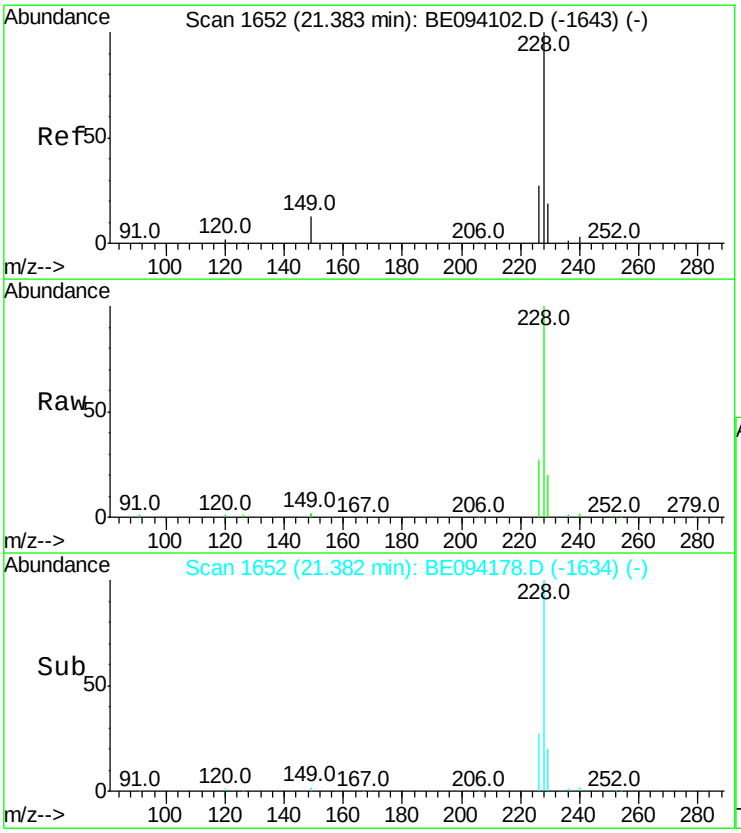
#29
Terphenyl-d14
Concen: 1.641 ng
RT: 19.85 min Scan# 1510
Delta R.T. -0.00 min
Lab File: BE094178.D
Acq: 6 Oct 2017 13:52

Instrument :
BNA_E
ClientSampleId :
SSTDICC1.6

Tgt Ion:244 Resp: 31002

Ion	Ratio	Lower	Upper
244	100		
212	30.8	25.4	38.0
122	9.5	8.1	12.1

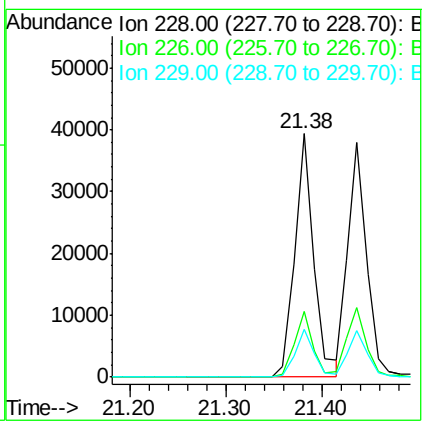


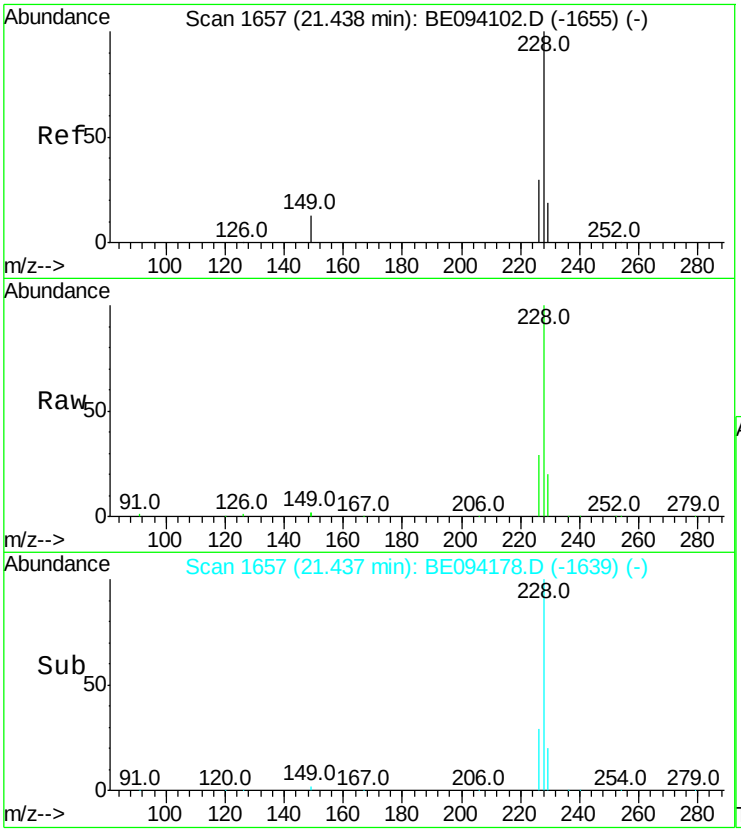


#30
Benzo(a)anthracene
Concen: 1.569 ng
RT: 21.38 min Scan# 1652
Delta R.T. -0.00 min
Lab File: BE094178.D
Acq: 6 Oct 2017 13:52

Tgt Ion:228 Resp: 54719

Ion	Ratio	Lower	Upper
228	100		
226	26.9	21.4	32.0
229	19.7	16.4	24.6



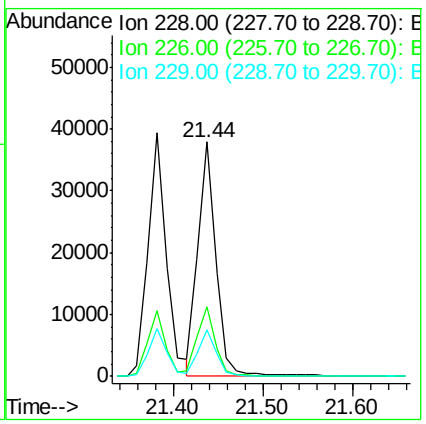


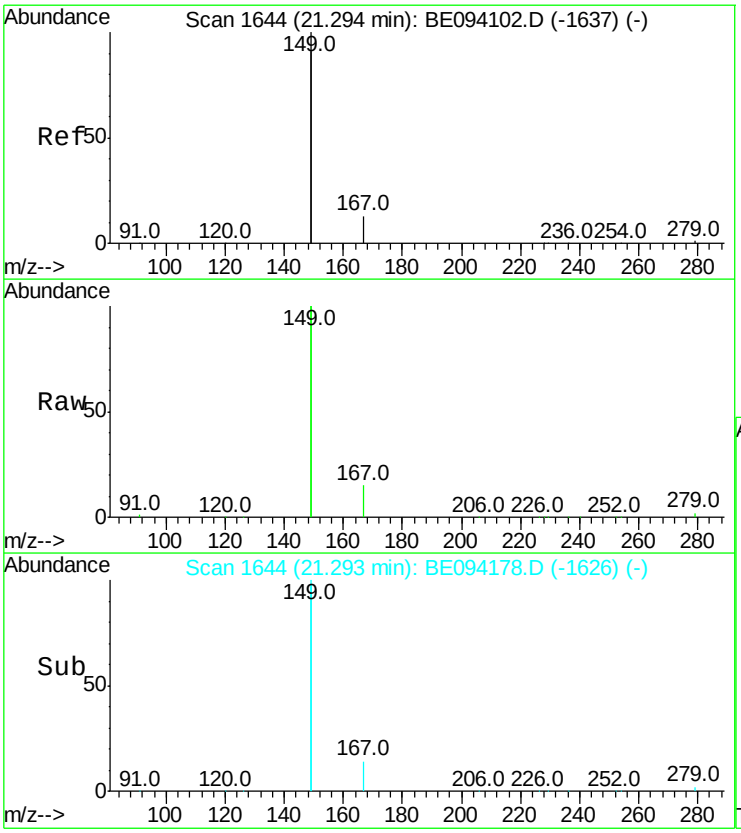
#31
Chrysene
Concen: 1.548 ng
RT: 21.44 min Scan# 1657
Delta R.T. -0.00 min
Lab File: BE094178.D
Acq: 6 Oct 2017 13:52

Instrument :
BNA_E
ClientSampleId :
SSTDICC1.6

Tgt Ion:228 Resp: 52084

Ion	Ratio	Lower	Upper
228	100		
226	29.4	23.6	35.4
229	20.0	16.4	24.6

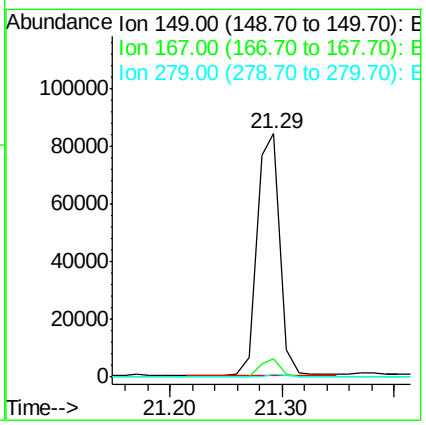


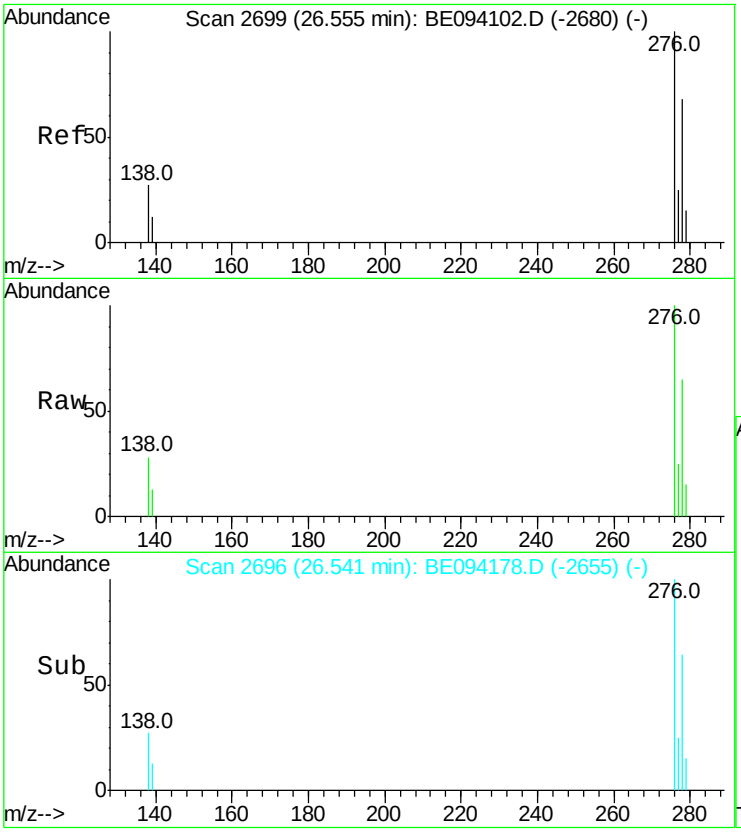


#32
Bis(2-ethylhexyl)phthalate
Concen: 0.704 ng
RT: 21.29 min Scan# 1644
Delta R.T. -0.00 min
Lab File: BE094178.D
Acq: 6 Oct 2017 13:52

Tgt Ion:149 Resp: 117507

Ion	Ratio	Lower	Upper
149	100		
167	6.6	5.4	8.0
279	0.9	0.7	1.1



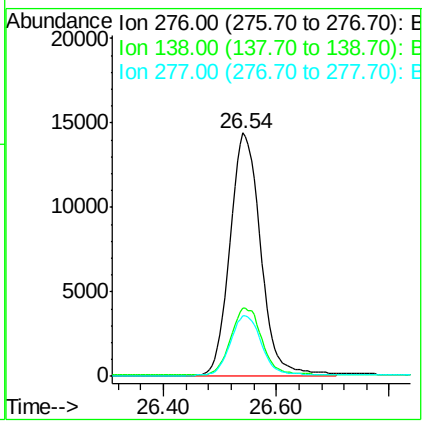


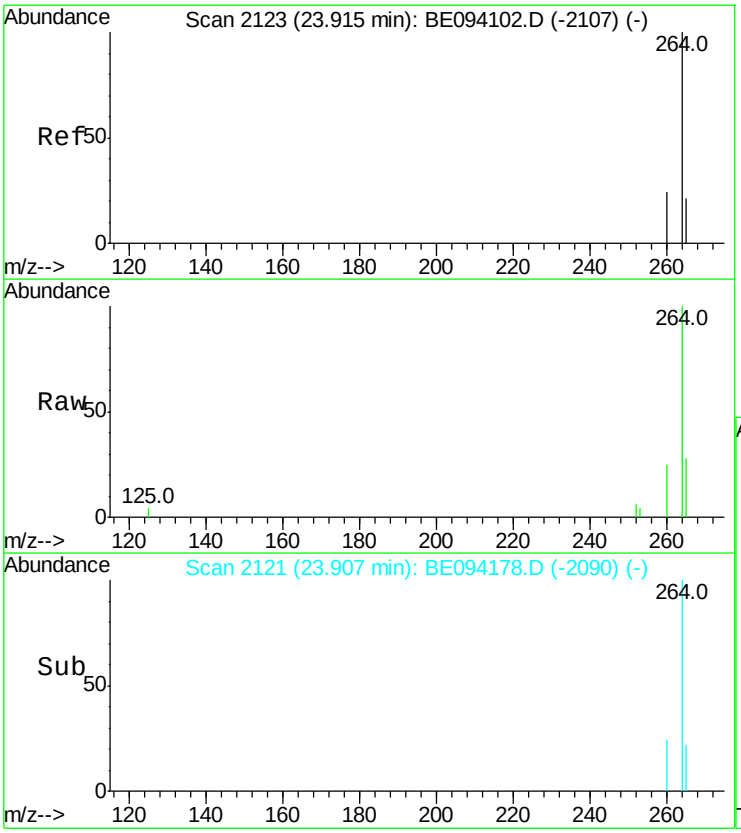
#33
Indeno(1,2,3-cd)pyrene
Concen: 1.460 ng
RT: 26.54 min Scan# 2696
Delta R.T. -0.01 min
Lab File: BE094178.D
Acq: 6 Oct 2017 13:52

Instrument :
BNA_E
ClientSampleId :
SSTDICC1.6

Tgt Ion:276 Resp: 52576

Ion	Ratio	Lower	Upper
276	100		
138	28.3	22.5	33.7
277	25.1	19.9	29.9

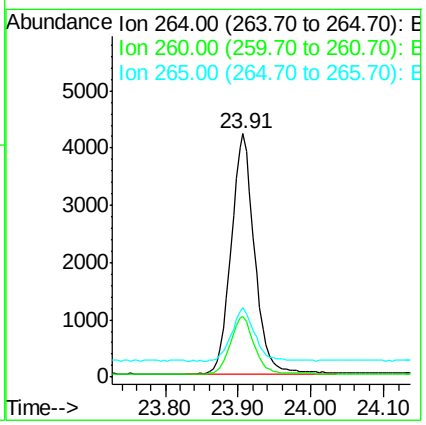


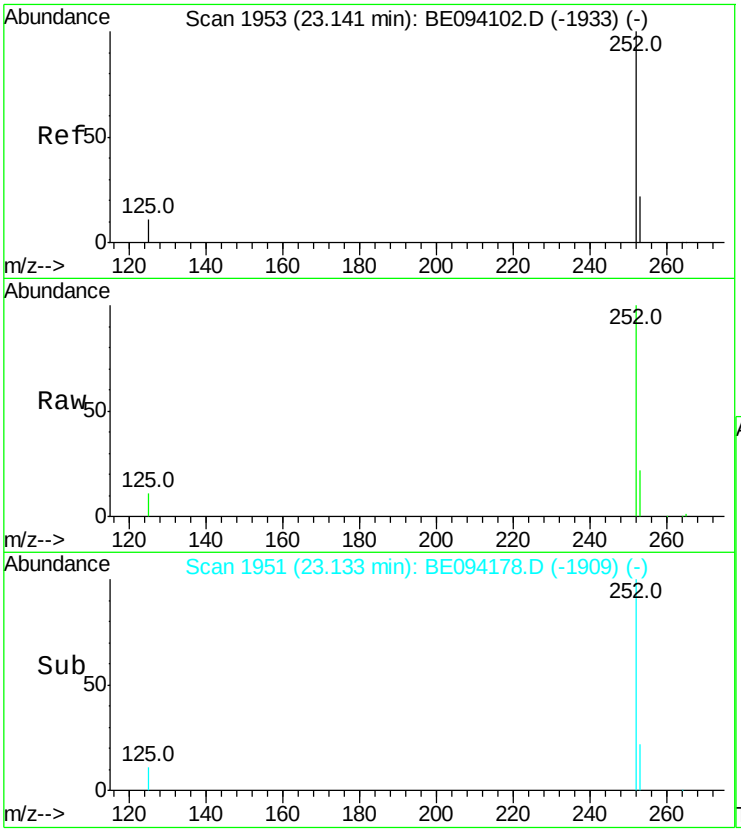


#34
Perylene-d12
Concen: 0.400 ng
RT: 23.91 min Scan# 2121
Delta R.T. -0.01 min
Lab File: BE094178.D
Acq: 6 Oct 2017 13:52

Tgt Ion:264 Resp: 9396

Ion	Ratio	Lower	Upper
264	100		
260	25.0	20.5	30.7
265	28.4	22.8	34.2



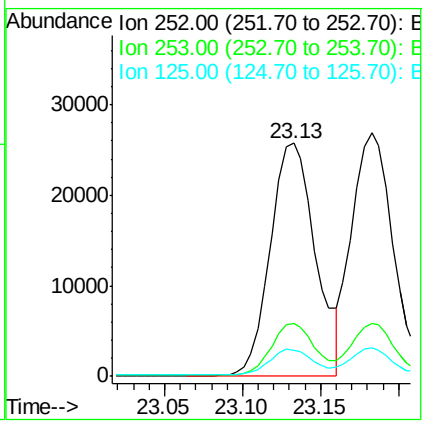


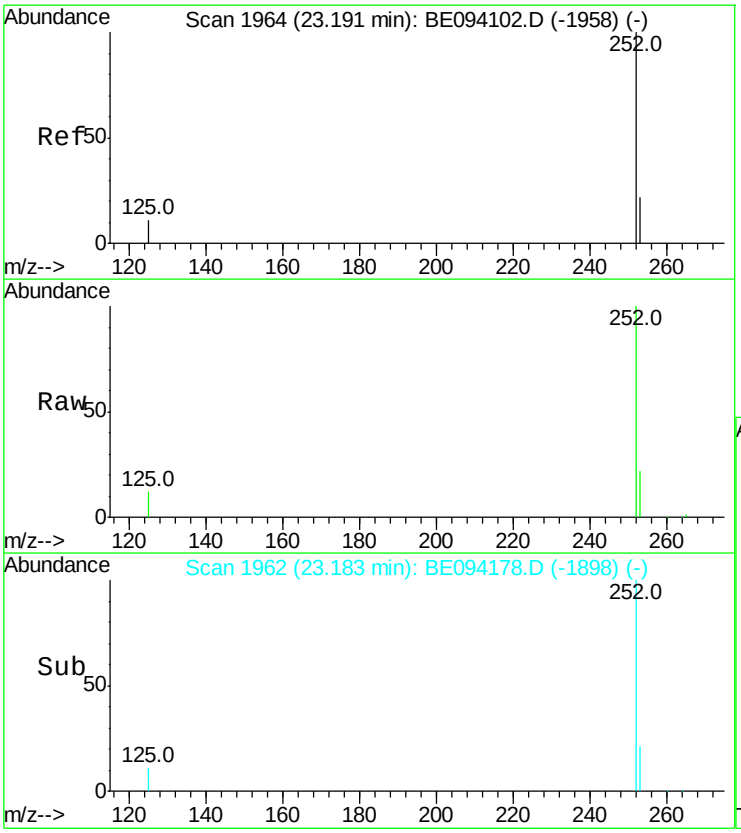
#35
Benzo(b)fluoranthene
Concen: 1.518 ng
RT: 23.13 min Scan# 1951
Delta R.T. -0.01 min
Lab File: BE094178.D
Acq: 6 Oct 2017 13:52

Instrument :
BNA_E
ClientSampleId :
SSTDICC1.6

Tgt Ion:252 Resp: 51455

Ion	Ratio	Lower	Upper
252	100		
253	22.5	18.2	27.2
125	11.4	10.1	15.1

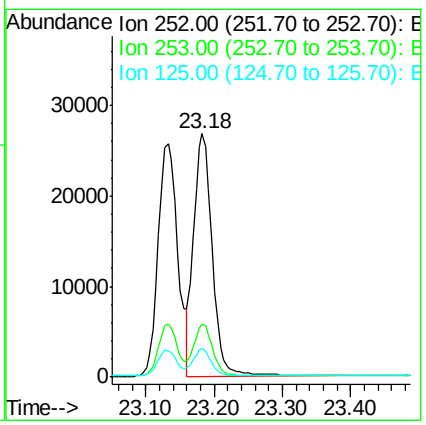


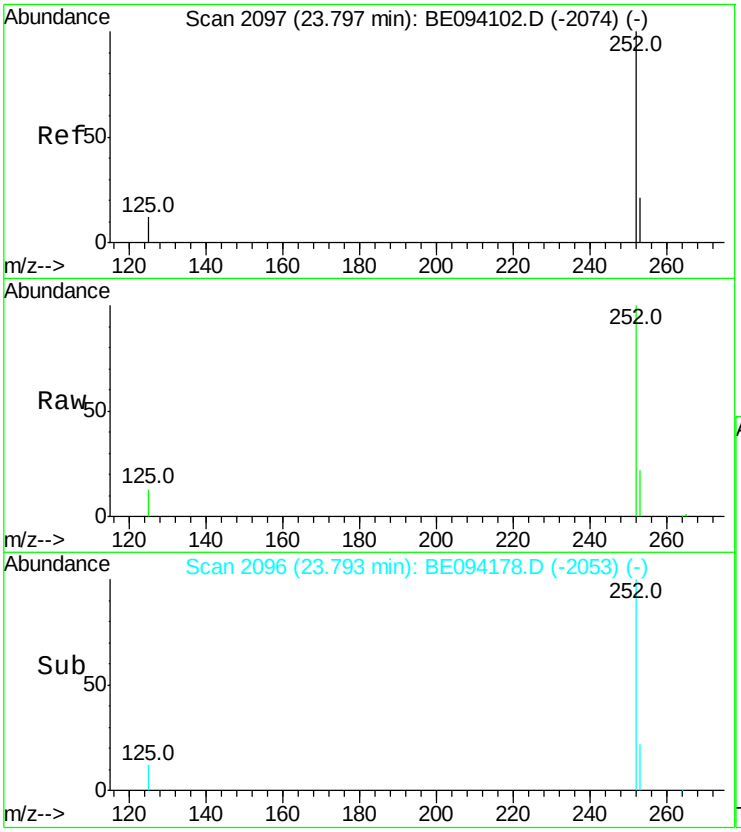


#36
Benzo(k)fluoranthene
Concen: 1.557 ng
RT: 23.18 min Scan# 1962
Delta R.T. -0.01 min
Lab File: BE094178.D
Acq: 6 Oct 2017 13:52

Tgt Ion:252 Resp: 50536

Ion	Ratio	Lower	Upper
252	100		
253	21.9	18.6	27.8
125	11.5	10.7	16.1



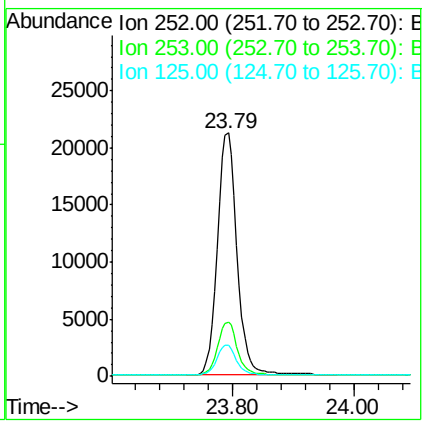


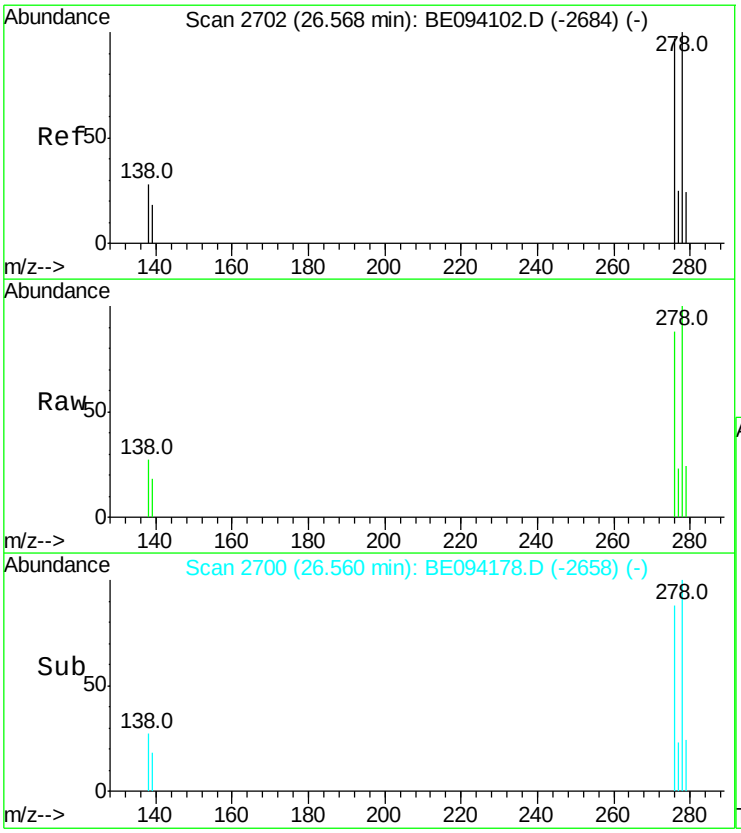
#37
Benzo(a)pyrene
Concen: 1.559 ng
RT: 23.79 min Scan# 2096
Delta R.T. -0.00 min
Lab File: BE094178.D
Acq: 6 Oct 2017 13:52

Instrument :
BNA_E
ClientSampleId :
SSTDICC1.6

Tgt Ion:252 Resp: 47765

Ion	Ratio	Lower	Upper
252	100		
253	22.5	19.0	28.6
125	12.5	11.8	17.8

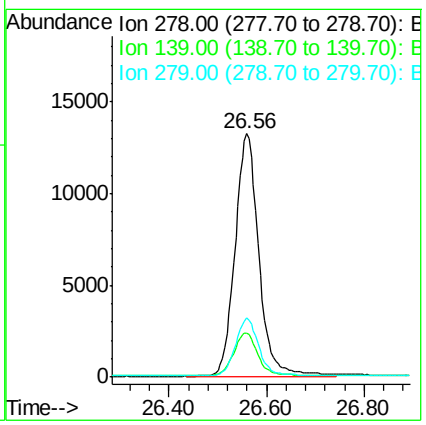


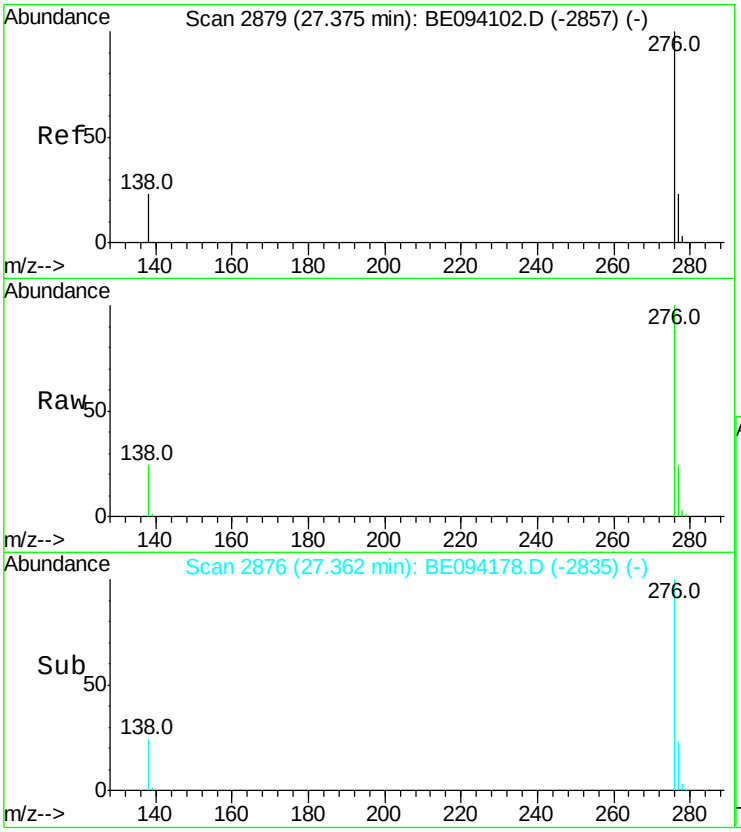


#38
Dibenzo(a,h)anthracene
Concen: 1.547 ng
RT: 26.56 min Scan# 2700
Delta R.T. -0.01 min
Lab File: BE094178.D
Acq: 6 Oct 2017 13:52

Tgt Ion:278 Resp: 44865

Ion	Ratio	Lower	Upper
278	100		
139	18.2	16.3	24.5
279	24.3	19.9	29.9





#39
Benzo(g,h,i)perylene
Concen: 1.579 ng
RT: 27.36 min Scan# 2876
Delta R.T. -0.01 min
Lab File: BE094178.D
Acq: 6 Oct 2017 13:52

Instrument :
BNA_E
ClientSampleId :
SSTDICC1.6

Tgt Ion:276 Resp: 45346

Ion	Ratio	Lower	Upper
276	100		
277	23.7	20.8	31.2
138	24.3	21.5	32.3