Quantitation Report (Not Reviewed)

Data Path : \\74.0.250.170\SVOASRV\HPCHEM1\BNA E\DATA\BE091417\
Data File : BE094012.D
Acq On : 14 Sep 2017 19:07
Operator : SJ/JU
Sample : SSTDCCC0.4
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument : BNA_E
ClientSampleId : SSTDCCC0.4EC

Quant Time: Sep 15 00:52:38 2017
Quant Method : Z:\HPCHEM1\BNA E\METHODS\8270-SIM-BE090517.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Sep 05 13:34:56 2017
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.92	152	1980	0.40	ng		0.00
7) Naphthalene-d8	10.71	136	10217	0.40	ng		0.00
13) Acenaphthene-d10	14.52	164	5932	0.40	ng		0.00
19) Phenanthrene-d10	17.27	188	11019	0.40	ng		0.00
27) Chrysene-d12	21.42	240	14410	0.40	ng		-0.01
34) Perylene-d12	23.93	264	10681	0.40	ng		-0.01
System Monitoring Compounds							
4) 2-Fluorophenol	5.51	112	2600	0.41	ng		-0.02
5) Phenol-d6	7.11	99	3814	0.40	ng		0.00
8) Nitrobenzene-d5	9.08	82	3447	0.40	ng		0.00
11) 2-Methylnaphthalene-d10	12.29	152	6655	0.41	ng		0.00
14) 2,4,6-Tribromophenol	16.03	330	731	0.40	ng		0.00
15) 2-Fluorobiphenyl	13.16	172	9194	0.39	ng		0.00
25) Fluoranthene-d10	19.28	212	65445	0.40	ng		0.00
29) Terphenyl-d14	19.87	244	10733	0.40	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.42	88	1153	0.423	ng		98
3) n-Nitrosodimethylamine	3.75	42	1336	0.418	ng	#	94
6) bis(2-Chloroethyl)ether	7.34	93	3095	0.394	ng		89
9) Naphthalene	10.76	128	46609	0.398	ng		100
10) Hexachlorobutadiene	11.03	225	1617	0.380	ng		99
12) 2-Methylnaphthalene	12.36	142	7711	0.396	ng		99
16) Acenaphthylene	14.24	152	11733	0.396	ng		99
17) Acenaphthene	14.58	154	7980	0.399	ng		98
18) Fluorene	15.58	166	10254	0.397	ng		99
20) 4-Bromophenyl-phenylether	16.45	248	2439	0.376	ng		90
21) Hexachlorobenzene	16.58	284	2112	0.325	ng	#	100
22) Pentachlorophenol	16.94	266	784	0.449	ng		100
23) Phenanthrene	17.30	178	18159	0.534	ng	#	99
24) Anthracene	17.30	178	18124	0.540	ng	#	85
26) Fluoranthene	19.31	202	19364	0.394	ng		99
28) Pyrene	19.67	202	20085	0.405	ng		99
30) Benzo(a)anthracene	21.40	228	16594	0.375	ng		99
31) Chrysene	21.45	228	18864	0.403	ng		100
32) Bis(2-ethylhexyl)phthalate	21.29	149	39632	0.369	ng		100
33) Indeno(1,2,3-cd)pyrene	26.61	276	9175	0.294	ng		93
35) Benzo(b)fluoranthene	23.16	252	13570	0.399	ng		99
36) Benzo(k)fluoranthene	23.21	252	17596	0.422	ng		97
37) Benzo(a)pyrene	23.82	252	13712	0.396	ng		96
38) Dibenzo(a,h)anthracene	26.62	278	7433	0.324	ng	#	89
39) Benzo(g,h,i)perylene	27.42	276	8228	0.340	ng		95

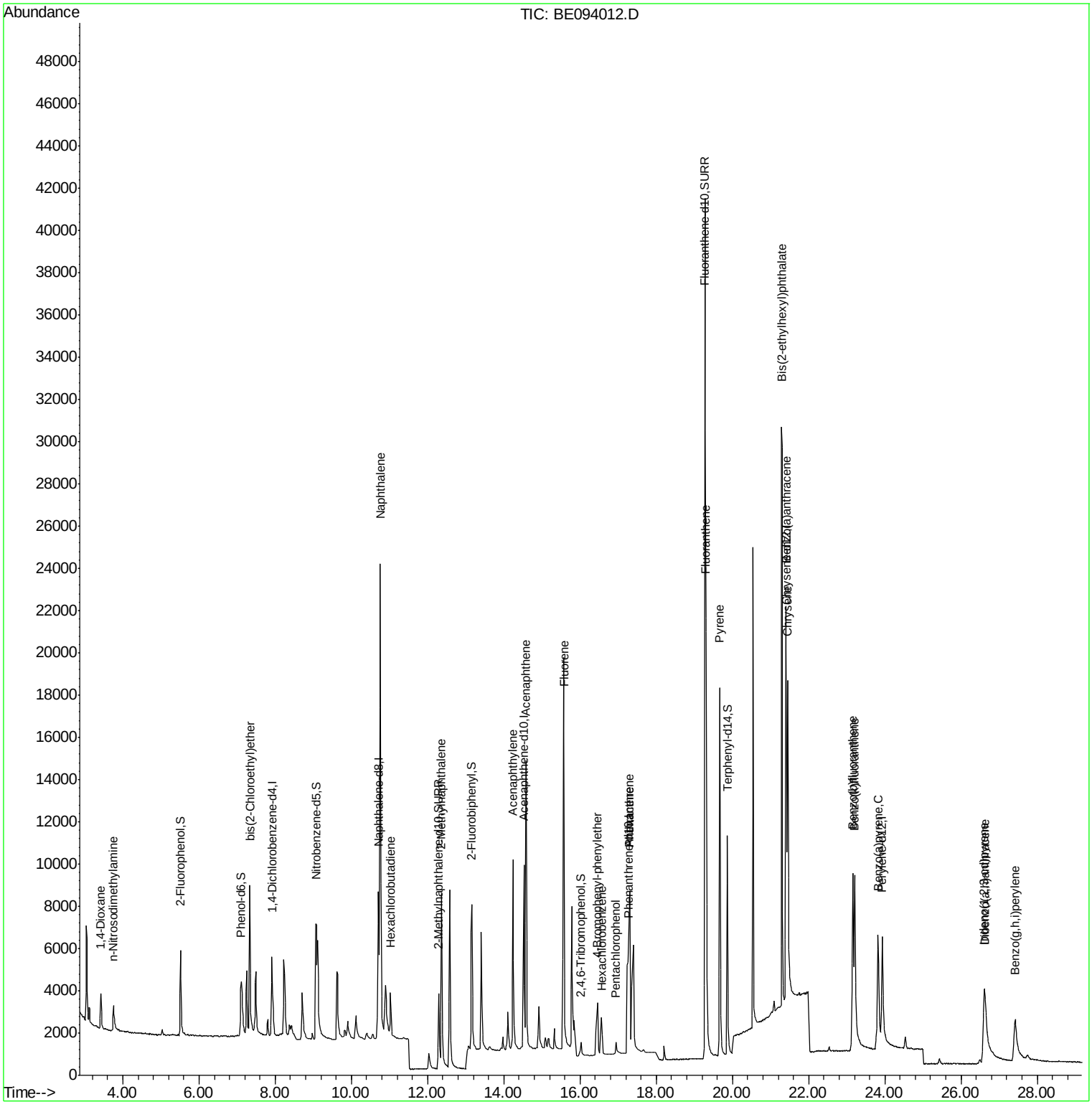
(#) = qualifier out of range (m) = manual integration (+) = signals summed

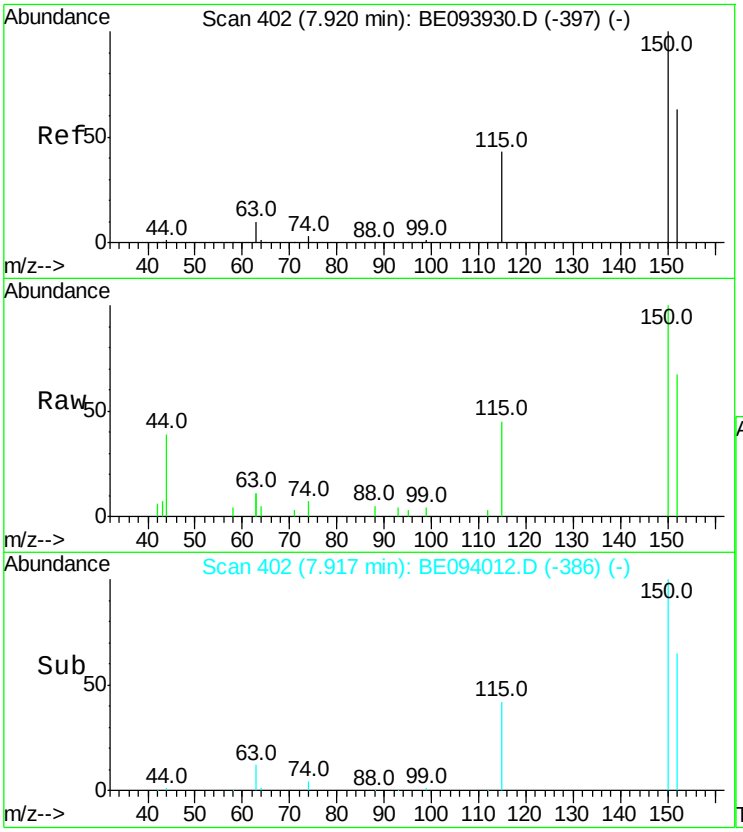
Quantitation Report (Not Reviewed)

Data Path : \\74.0.250.170\SVOASRV\HPCHEM1\BNA E\DATA\BE091417\
Data File : BE094012.D
Acq On : 14 Sep 2017 19:07
Operator : SJ/JU
Sample : SSTDCCC0.4
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4EC

Quant Time: Sep 15 00:52:38 2017
Quant Method : Z:\HPCHEM1\BNA E\METHODS\8270-SIM-BE090517.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Sep 05 13:34:56 2017
Response via : Initial Calibration



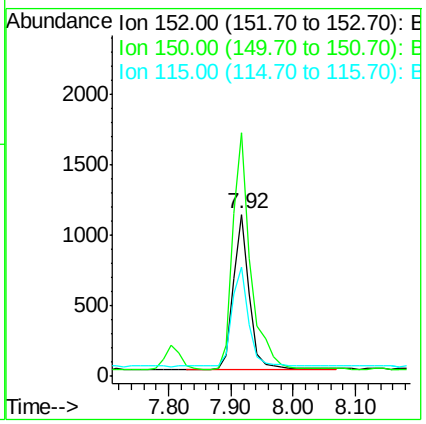


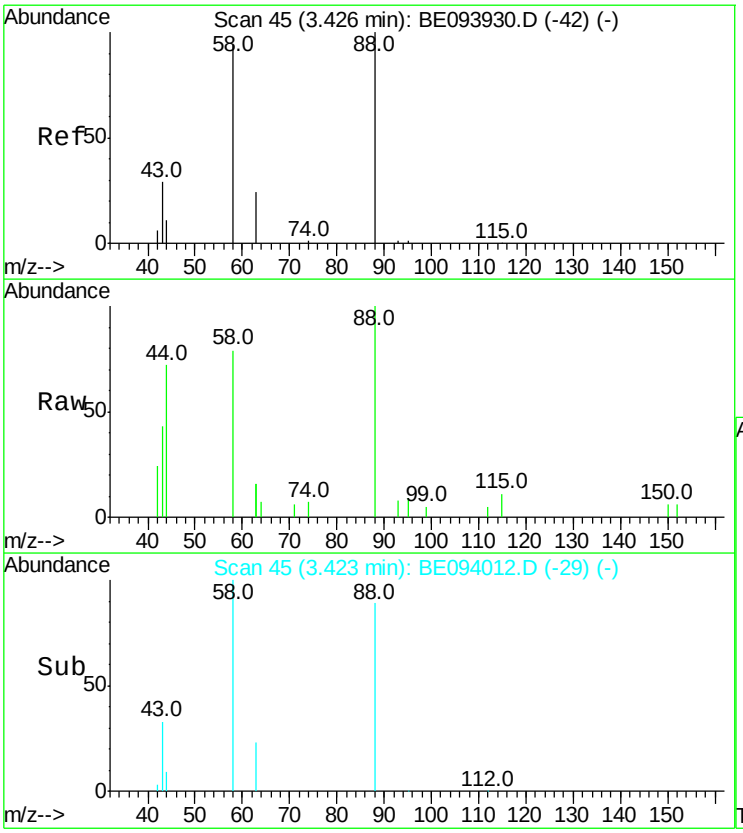
#1
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.92 min Scan# 402
Delta R.T. -0.00 min
Lab File: BE094012.D
Acq: 14 Sep 2017 19:07

Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4EC

Tgt Ion:152 Resp: 1980

Ion	Ratio	Lower	Upper
152	100		
150	150.3	121.8	182.6
115	67.2	52.6	79.0

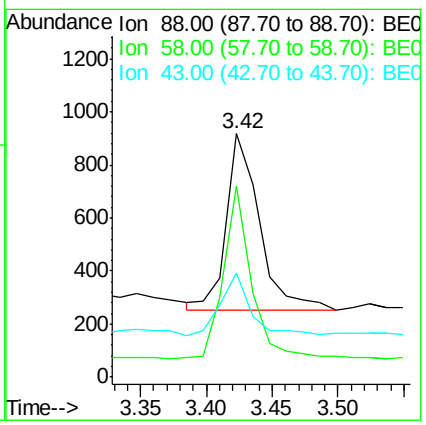


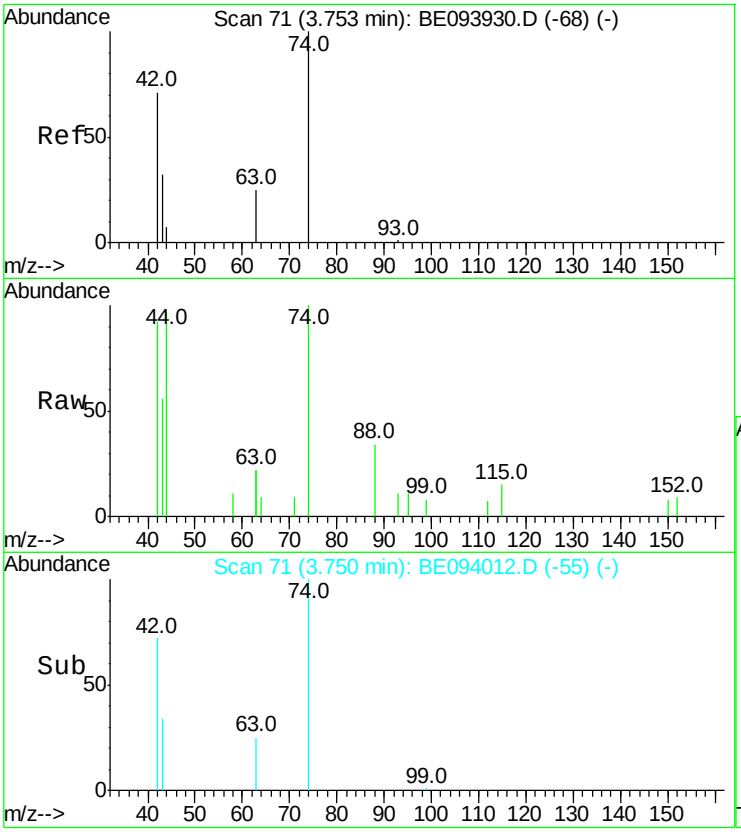


#2
1,4-Dioxane
Concen: 0.423 ng
RT: 3.42 min Scan# 45
Delta R.T. -0.00 min
Lab File: BE094012.D
Acq: 14 Sep 2017 19:07

Tgt Ion: 88 Resp: 1153

Ion	Ratio	Lower	Upper
88	100		
58	82.7	65.4	98.0
43	33.0	23.9	35.9



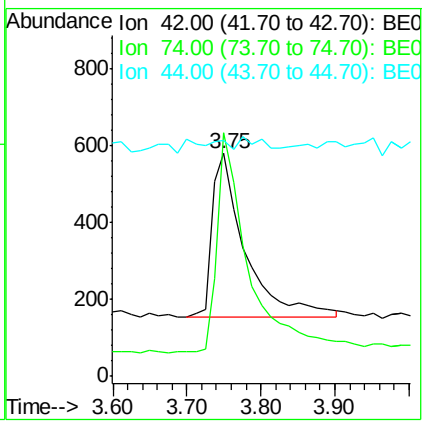


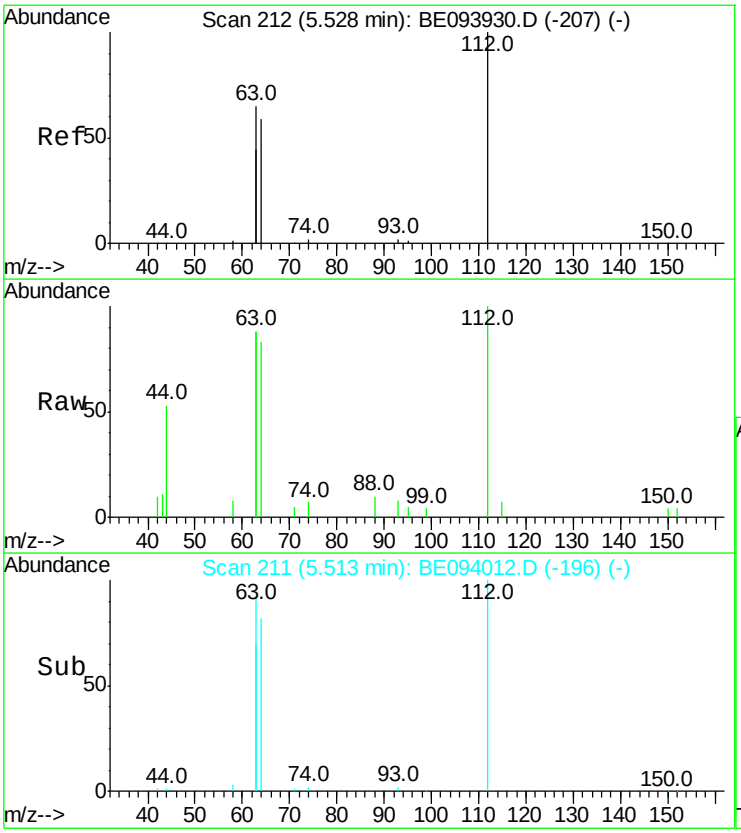
#3
n-Nitrosodimethylamine
Concen: 0.418 ng
RT: 3.75 min Scan# 71
Delta R.T. -0.00 min
Lab File: BE094012.D
Acq: 14 Sep 2017 19:07

Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4EC

Tgt Ion: 42 Resp: 1336

Ion	Ratio	Lower	Upper
42	100		
74	127.9	104.0	156.0
44	0.0	13.8	20.8#

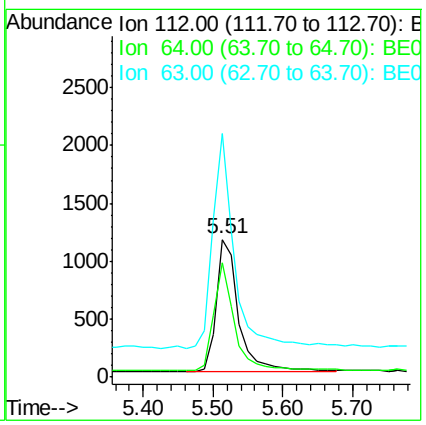


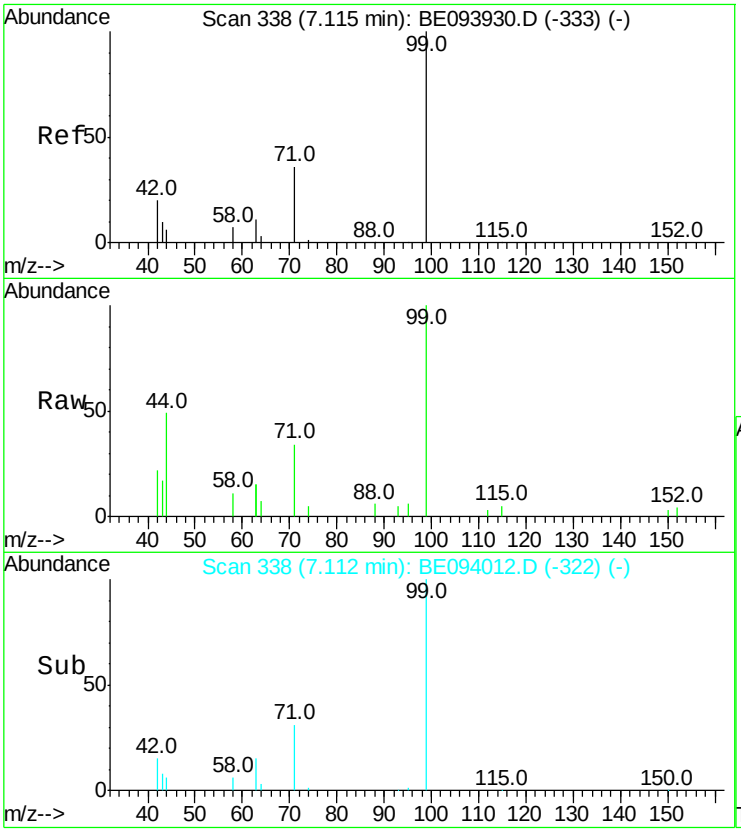


#4
2-Fluorophenol
Concen: 0.406 ng
RT: 5.51 min Scan# 211
Delta R.T. -0.02 min
Lab File: BE094012.D
Acq: 14 Sep 2017 19:07

Tgt Ion:112 Resp: 2600

Ion	Ratio	Lower	Upper
112	100		
64	75.0	57.7	86.5
63	153.3	116.0	174.0



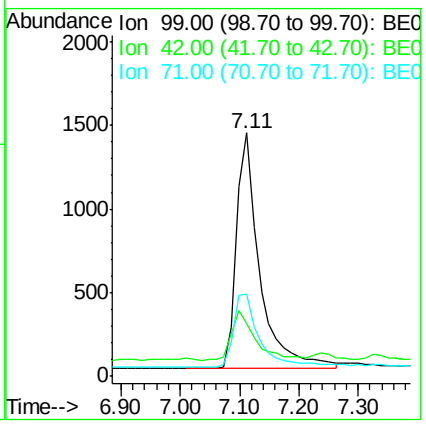


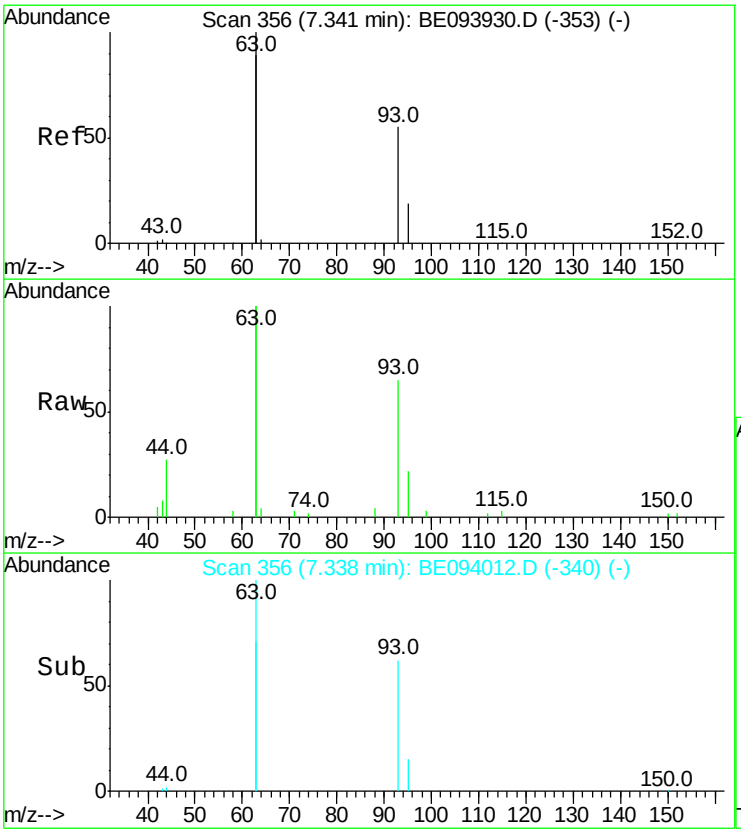
#5
Phenol-d6
Concen: 0.397 ng
RT: 7.11 min Scan# 338
Delta R.T. -0.00 min
Lab File: BE094012.D
Acq: 14 Sep 2017 19:07

Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4EC

Tgt Ion: 99 Resp: 3814

Ion	Ratio	Lower	Upper
99	100		
42	21.7	17.1	25.7
71	34.1	26.6	39.8

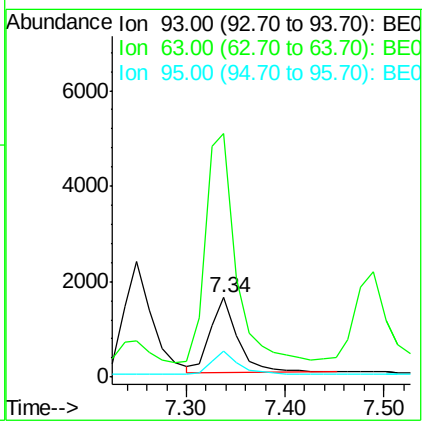


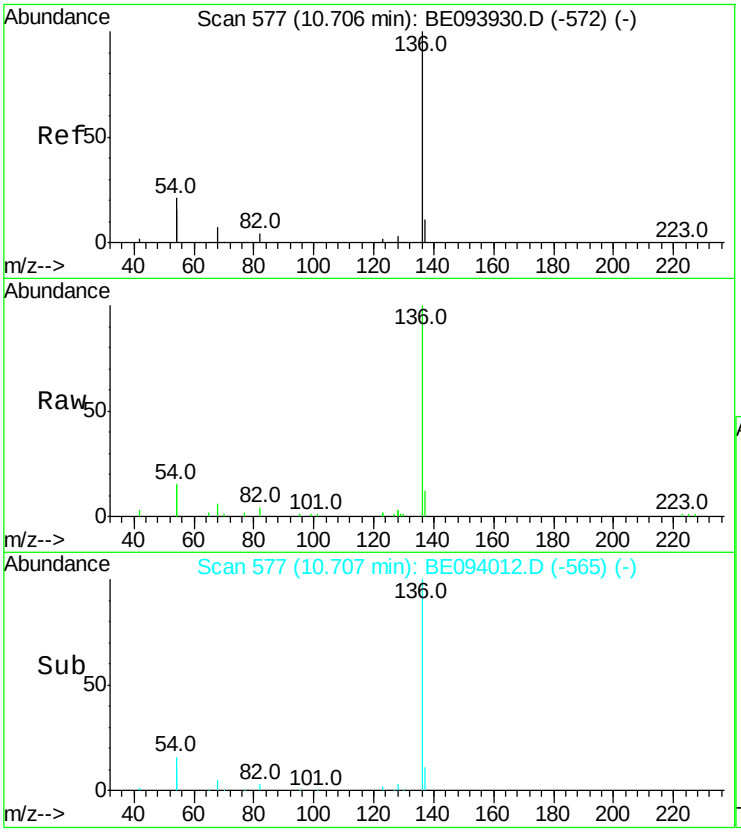


#6
bis(2-Chloroethyl)ether
Concen: 0.394 ng
RT: 7.34 min Scan# 356
Delta R.T. -0.00 min
Lab File: BE094012.D
Acq: 14 Sep 2017 19:07

Tgt Ion: 93 Resp: 3095

Ion	Ratio	Lower	Upper
93	100		
63	330.0	283.4	425.2
95	30.8	26.9	40.3



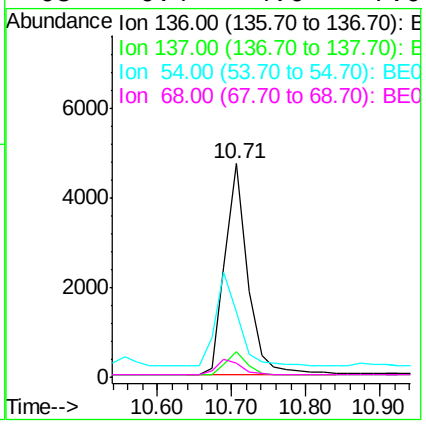


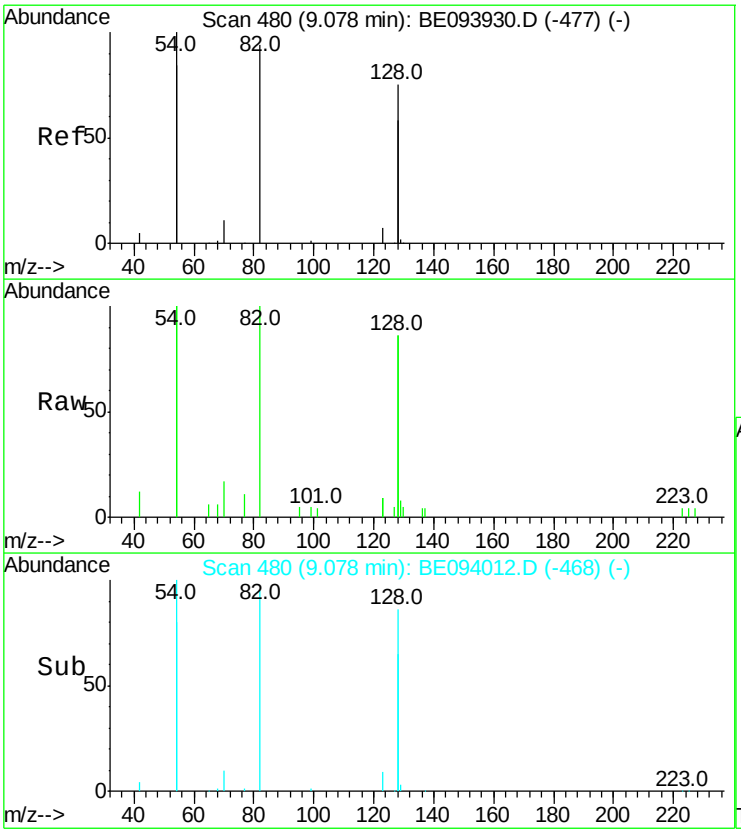
#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.71 min Scan# 577
Delta R.T. 0.00 min
Lab File: BE094012.D
Acq: 14 Sep 2017 19:07

Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4EC

Tgt Ion:136 Resp: 10217

Ion	Ratio	Lower	Upper
136	100		
137	11.9	9.2	13.8
54	30.7	21.9	32.9
68	6.4	4.6	7.0

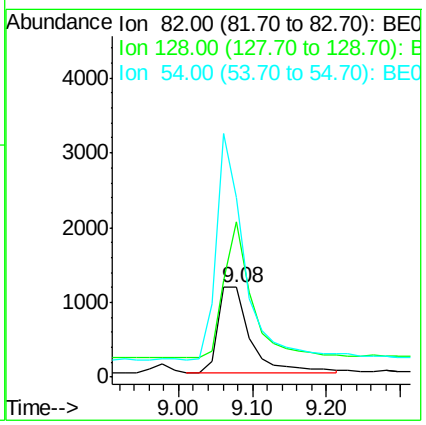


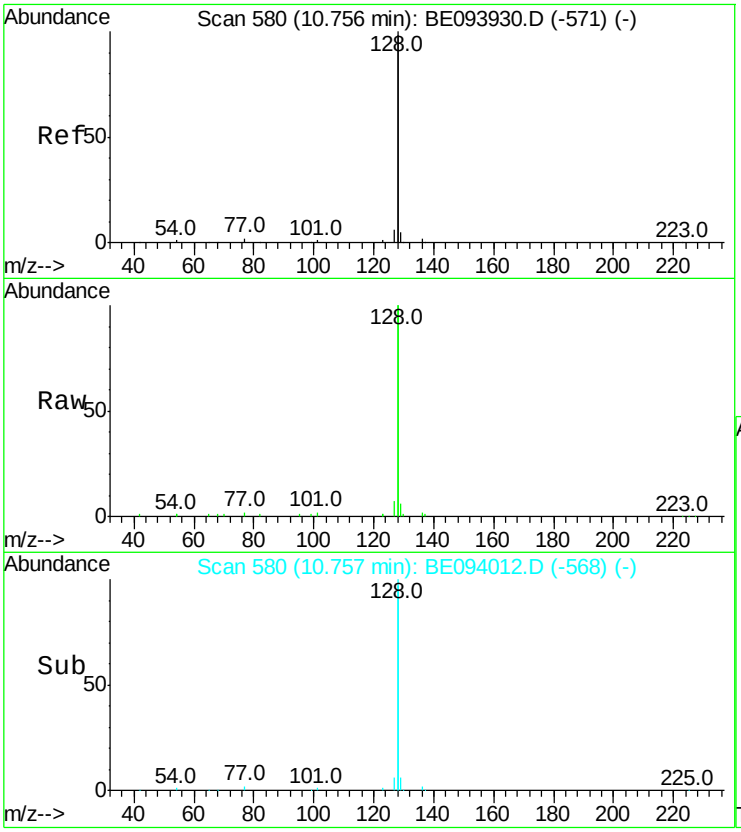


#8
Nitrobenzene-d5
Concen: 0.399 ng
RT: 9.08 min Scan# 480
Delta R.T. 0.00 min
Lab File: BE094012.D
Acq: 14 Sep 2017 19:07

Tgt Ion: 82 Resp: 3447

Ion	Ratio	Lower	Upper
82	100		
128	173.0	91.4	137.0#
54	200.5	197.8	296.8



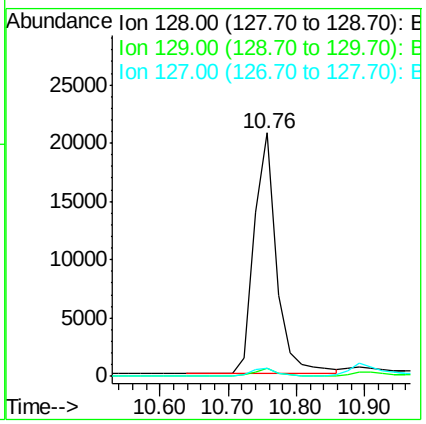


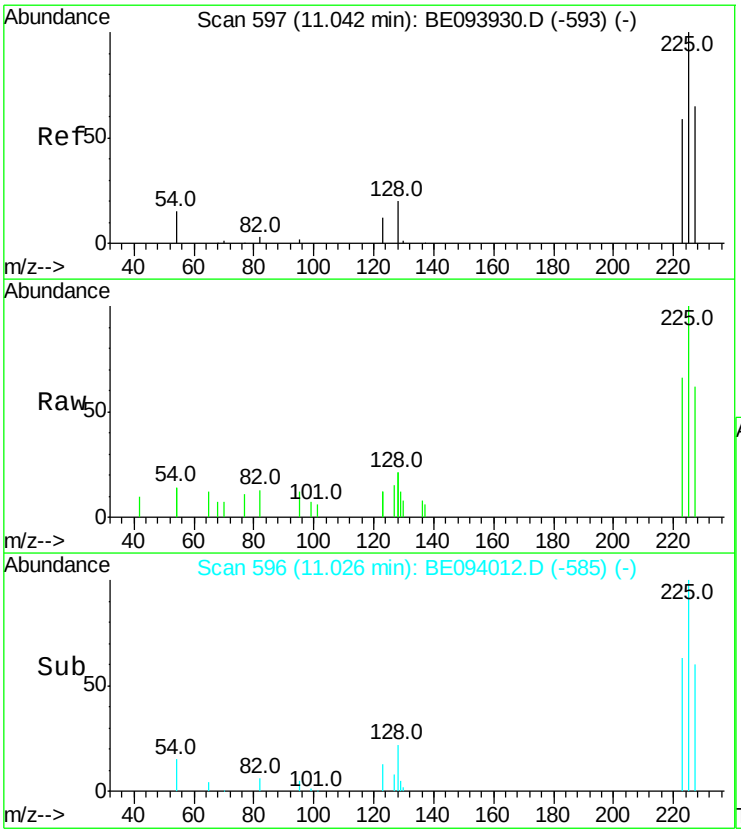
#9
Naphthalene
Concen: 0.398 ng
RT: 10.76 min Scan# 580
Delta R.T. 0.00 min
Lab File: BE094012.D
Acq: 14 Sep 2017 19:07

Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4EC

Tgt Ion:128 Resp: 46609

Ion	Ratio	Lower	Upper
128	100		
129	3.1	2.5	3.7
127	3.4	2.6	4.0

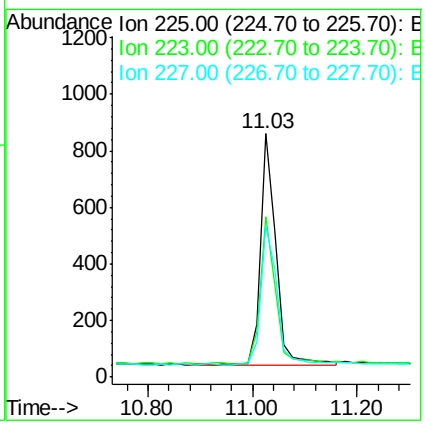


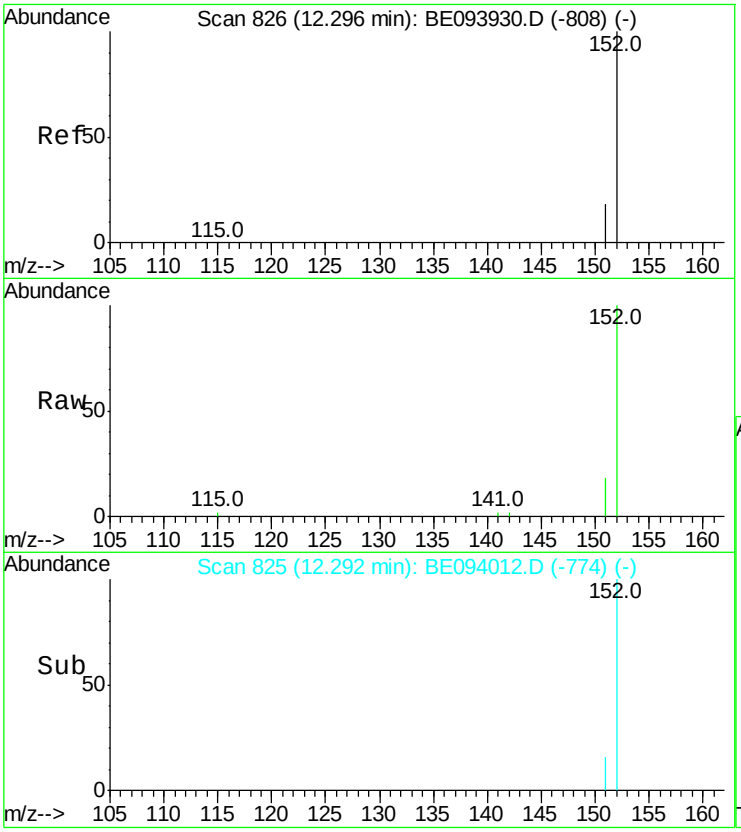


#10
Hexachlorobutadiene
Concen: 0.380 ng
RT: 11.03 min Scan# 596
Delta R.T. -0.02 min
Lab File: BE094012.D
Acq: 14 Sep 2017 19:07

Tgt Ion:225 Resp: 1617

Ion	Ratio	Lower	Upper
225	100		
223	63.0	49.4	74.0
227	63.9	50.5	75.7



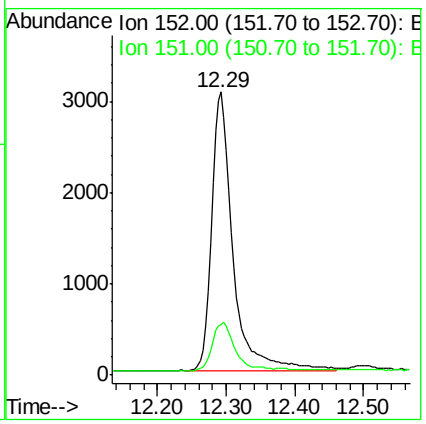


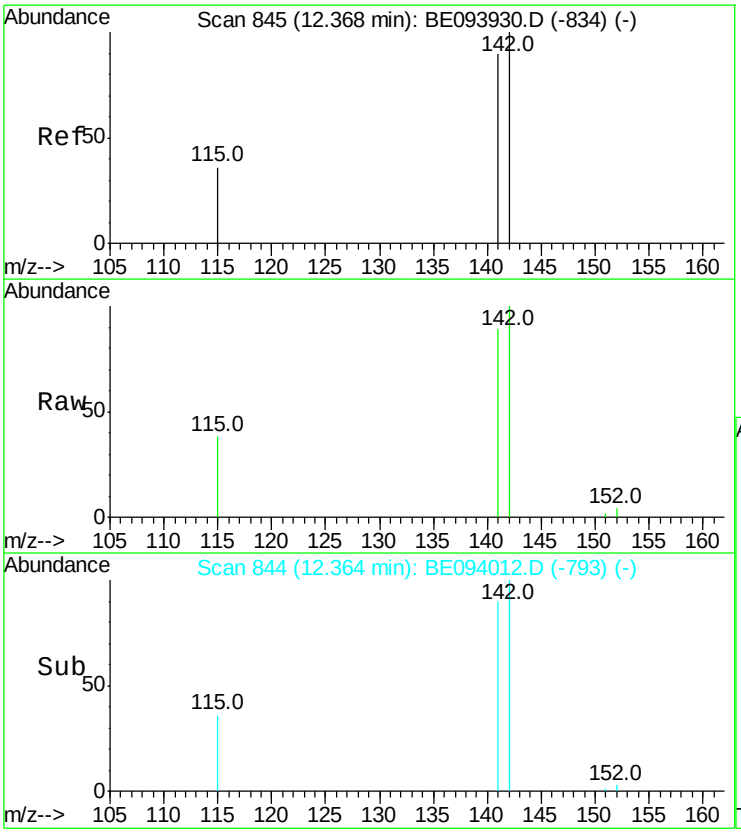
#11
2-Methylnaphthalene-d10
Concen: 0.407 ng
RT: 12.29 min Scan# 825
Delta R.T. -0.00 min
Lab File: BE094012.D
Acq: 14 Sep 2017 19:07

Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4EC

Tgt Ion:152 Resp: 6655

Ion	Ratio	Lower	Upper
152	100		
151	18.8	15.4	23.0

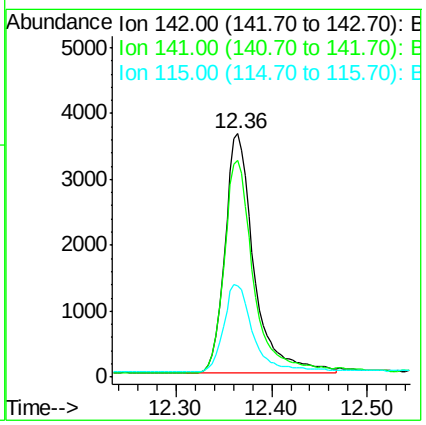


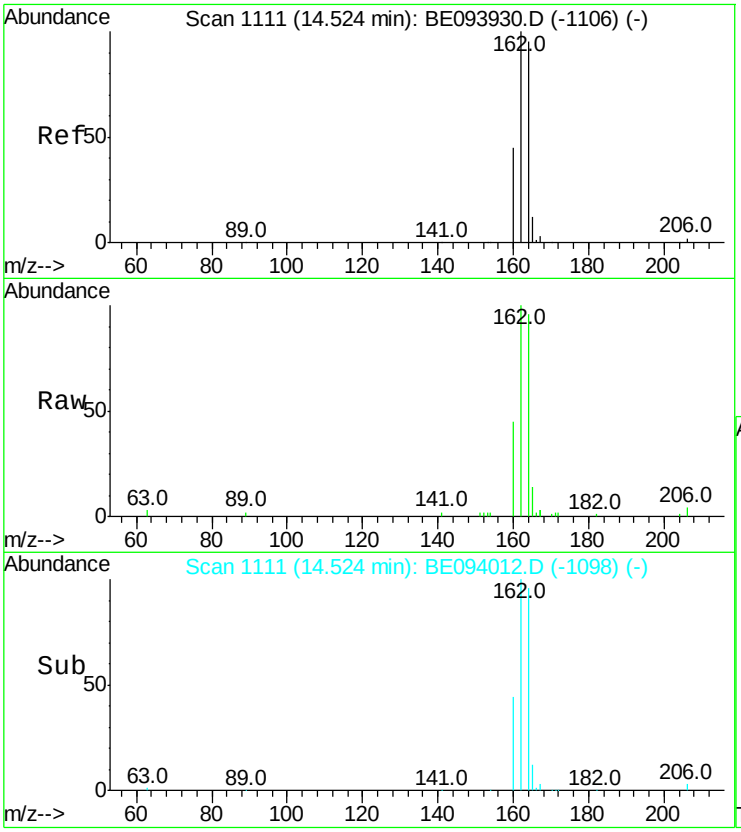


#12
2-Methylnaphthalene
Concen: 0.396 ng
RT: 12.36 min Scan# 844
Delta R.T. -0.00 min
Lab File: BE094012.D
Acq: 14 Sep 2017 19:07

Tgt Ion:142 Resp: 7711

Ion	Ratio	Lower	Upper
142	100		
141	89.1	71.4	107.2
115	37.7	29.4	44.0



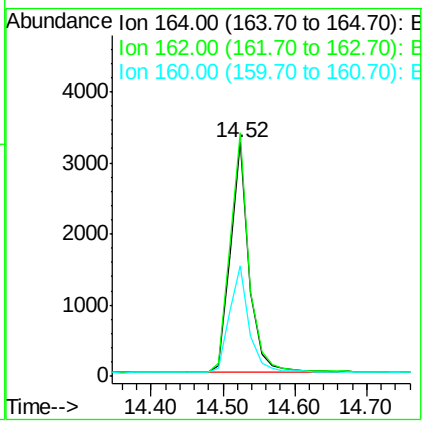


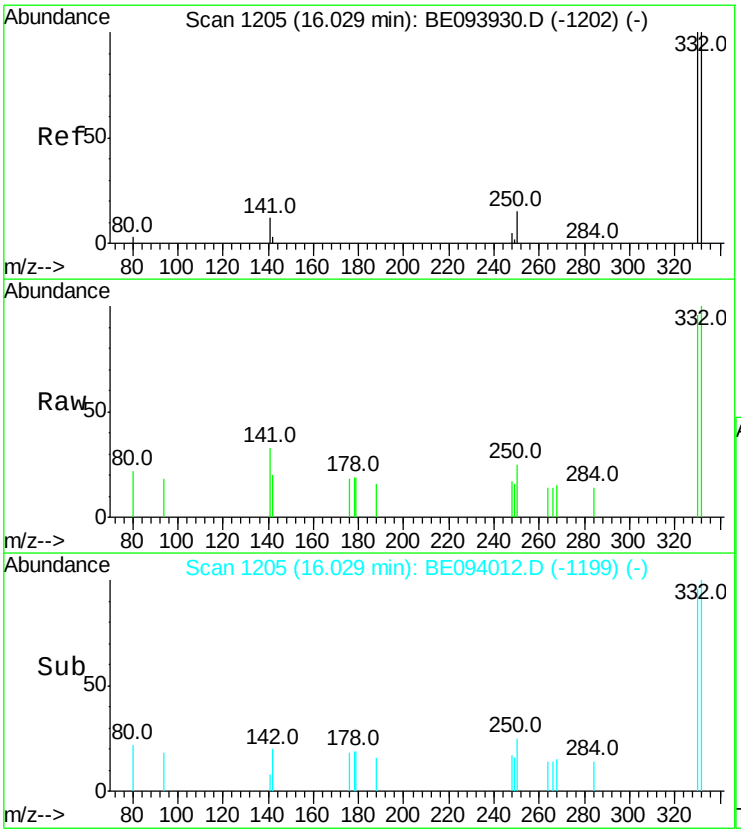
#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.52 min Scan# 1111
Delta R.T. -0.00 min
Lab File: BE094012.D
Acq: 14 Sep 2017 19:07

Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4EC

Tgt Ion:164 Resp: 5932

Ion	Ratio	Lower	Upper
164	100		
162	104.0	80.8	121.2
160	46.9	37.0	55.4

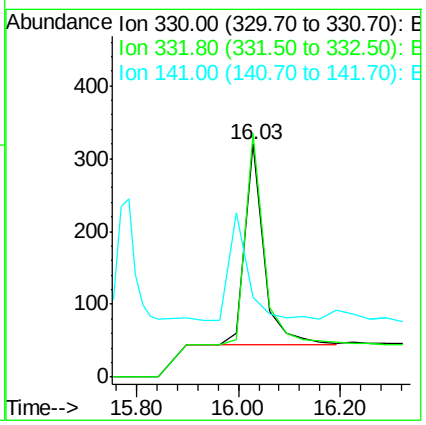


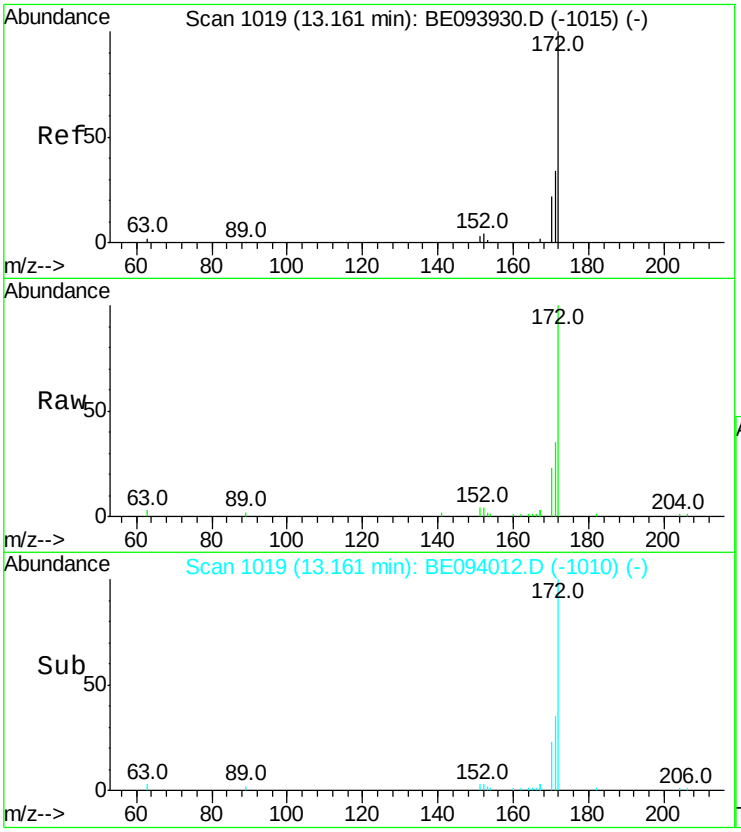


#14
2,4,6-Tribromophenol
Concen: 0.398 ng
RT: 16.03 min Scan# 1205
Delta R.T. 0.00 min
Lab File: BE094012.D
Acq: 14 Sep 2017 19:07

Tgt Ion:330 Resp: 731

Ion	Ratio	Lower	Upper
330	100		
332	102.2	76.9	115.3
141	0.0	0.0	0.0



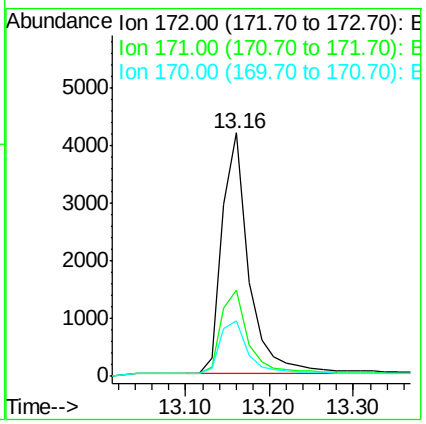


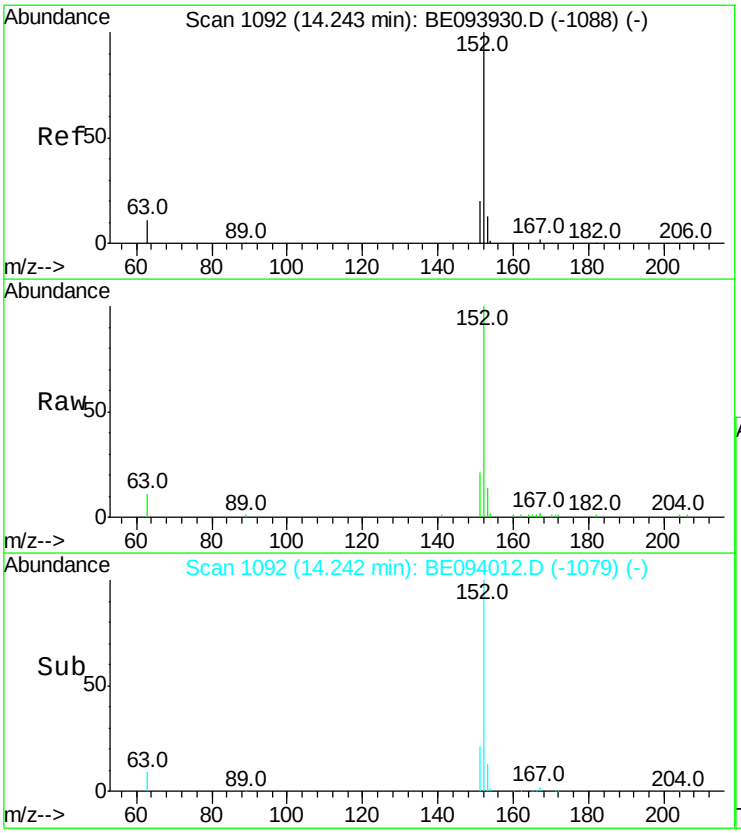
#15
2-Fluorobiphenyl
Concen: 0.392 ng
RT: 13.16 min Scan# 1019
Delta R.T. -0.00 min
Lab File: BE094012.D
Acq: 14 Sep 2017 19:07

Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4EC

Tgt Ion:172 Resp: 9194

Ion	Ratio	Lower	Upper
172	100		
171	35.1	26.9	40.3
170	22.9	17.3	25.9

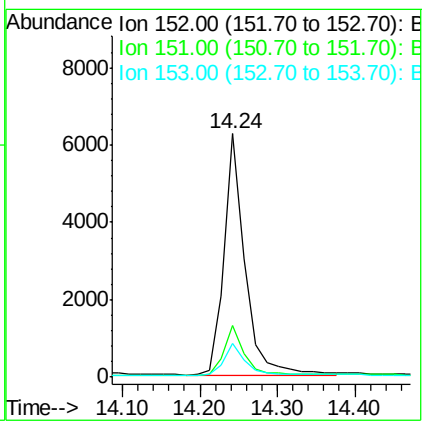


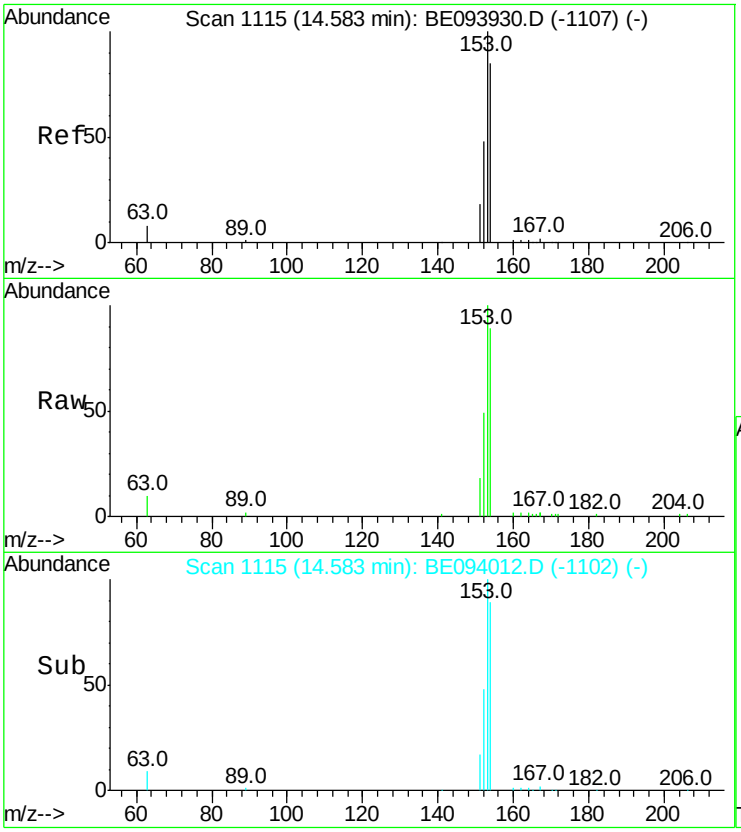


#16
Acenaphthylene
Concen: 0.396 ng
RT: 14.24 min Scan# 1092
Delta R.T. -0.00 min
Lab File: BE094012.D
Acq: 14 Sep 2017 19:07

Tgt Ion:152 Resp: 11733

Ion	Ratio	Lower	Upper
152	100		
151	19.9	15.7	23.5
153	13.0	10.6	16.0



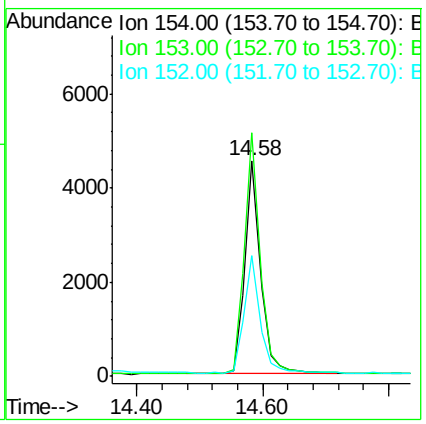


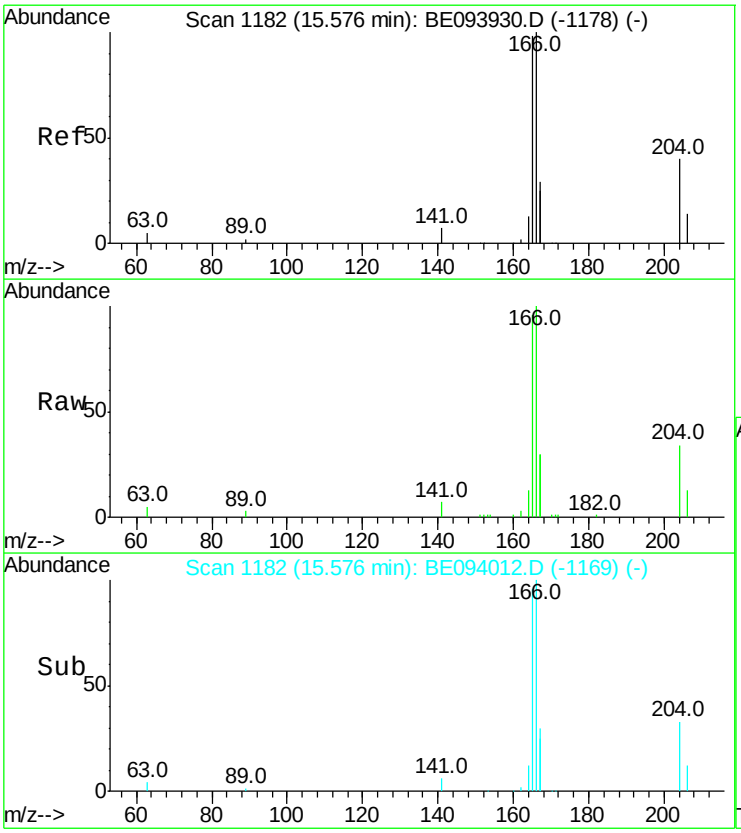
#17
Acenaphthene
Concen: 0.399 ng
RT: 14.58 min Scan# 1115
Delta R.T. -0.00 min
Lab File: BE094012.D
Acq: 14 Sep 2017 19:07

Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4EC

Tgt Ion:154 Resp: 7980

Ion	Ratio	Lower	Upper
154	100		
153	113.4	91.8	137.6
152	54.3	44.9	67.3

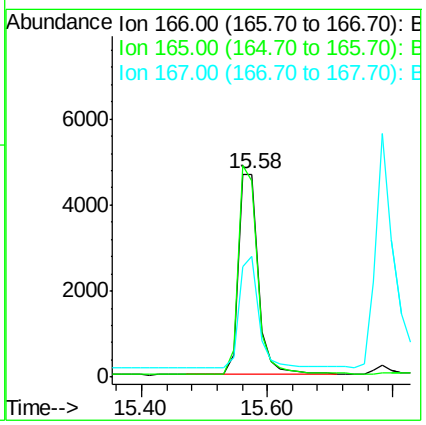


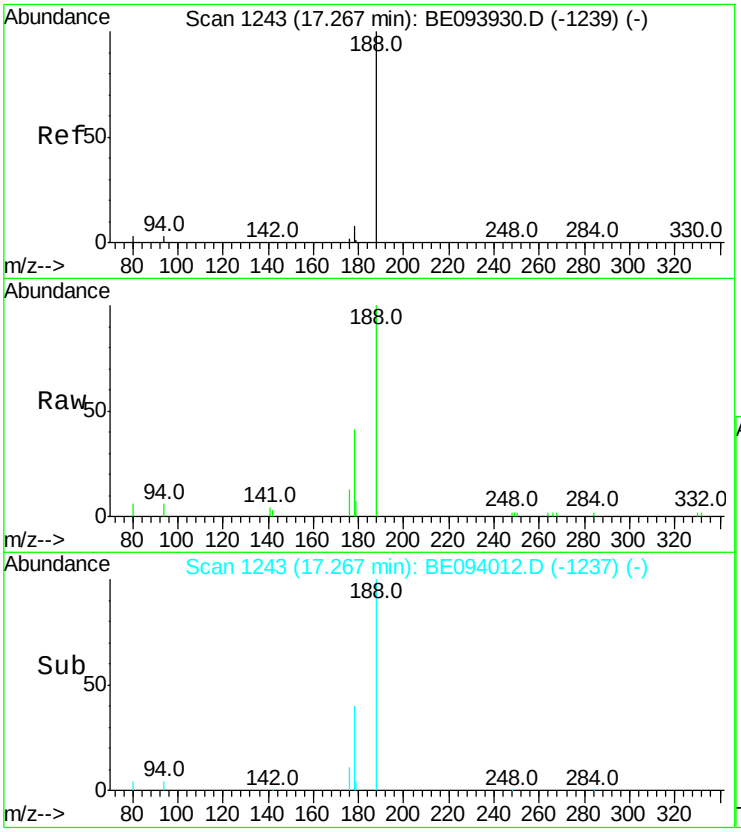


#18
Fluorene
Concen: 0.397 ng
RT: 15.58 min Scan# 1182
Delta R.T. -0.00 min
Lab File: BE094012.D
Acq: 14 Sep 2017 19:07

Tgt Ion:166 Resp: 10254

Ion	Ratio	Lower	Upper
166	100		
165	100.1	79.4	119.0
167	54.5	43.5	65.3



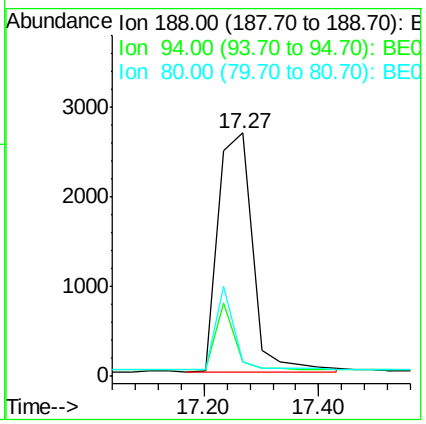


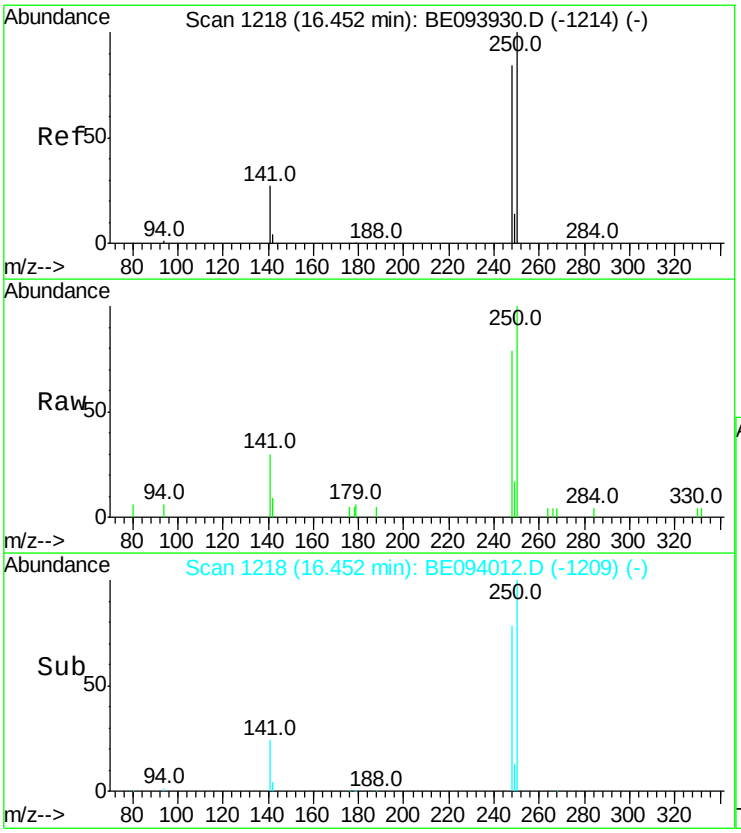
#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.27 min Scan# 1243
Delta R.T. 0.00 min
Lab File: BE094012.D
Acq: 14 Sep 2017 19:07

Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4EC

Tgt Ion:188 Resp: 11019

Ion	Ratio	Lower	Upper
188	100		
94	6.1	16.1	24.1#
80	6.2	18.2	27.2#

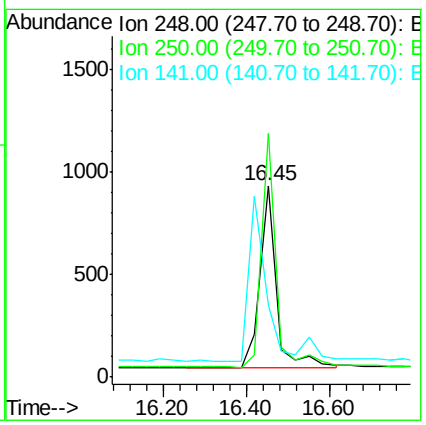


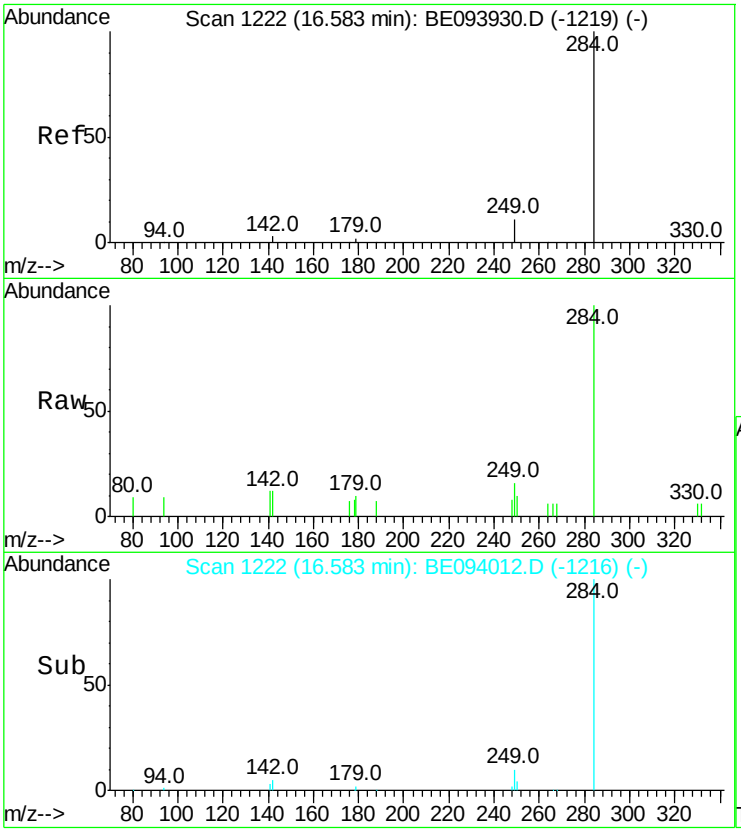


#20
4-Bromophenyl-phenylether
Concen: 0.376 ng
RT: 16.45 min Scan# 1218
Delta R.T. 0.00 min
Lab File: BE094012.D
Acq: 14 Sep 2017 19:07

Tgt Ion:248 Resp: 2439

Ion	Ratio	Lower	Upper
248	100		
250	127.3	111.8	167.8
141	37.6	27.1	40.7



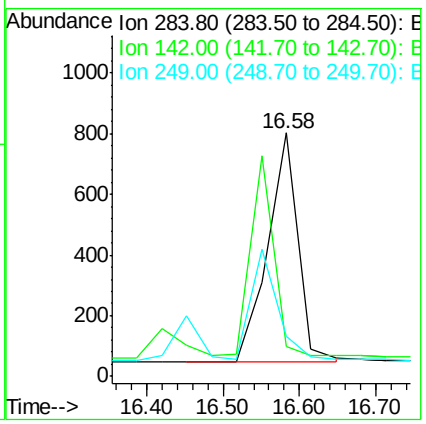


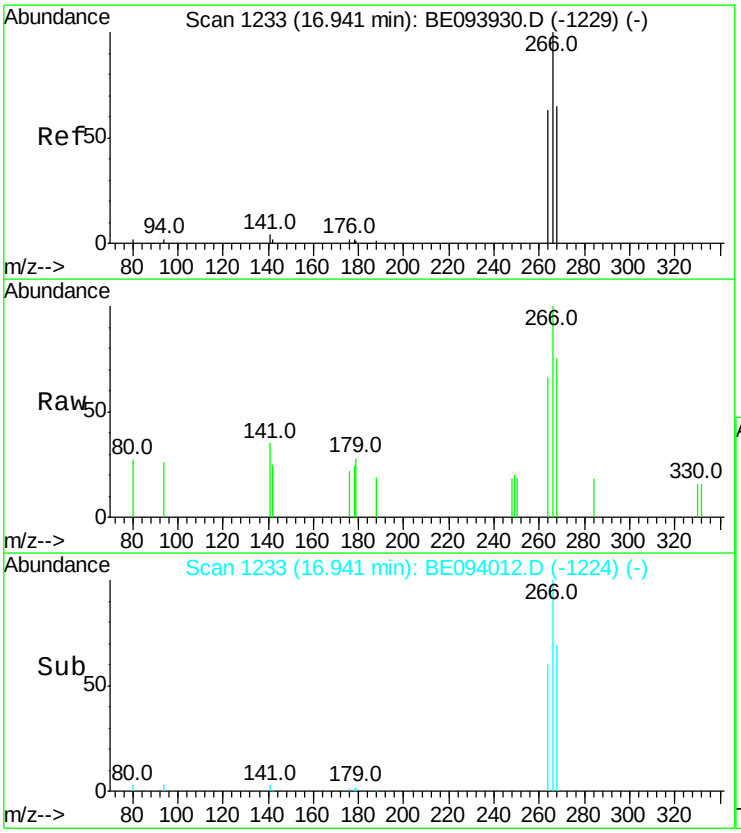
#21
Hexachlorobenzene
Concen: 0.325 ng
RT: 16.58 min Scan# 1222
Delta R.T. 0.00 min
Lab File: BE094012.D
Acq: 14 Sep 2017 19:07

Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4EC

Tgt Ion:284 Resp: 2112

Ion	Ratio	Lower	Upper
284	100		
142	0.0	0.0	0.0
249	0.0	0.0	0.0

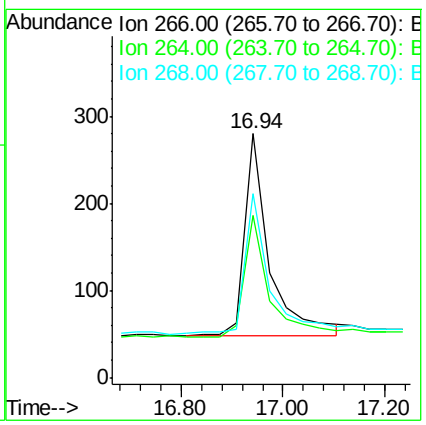


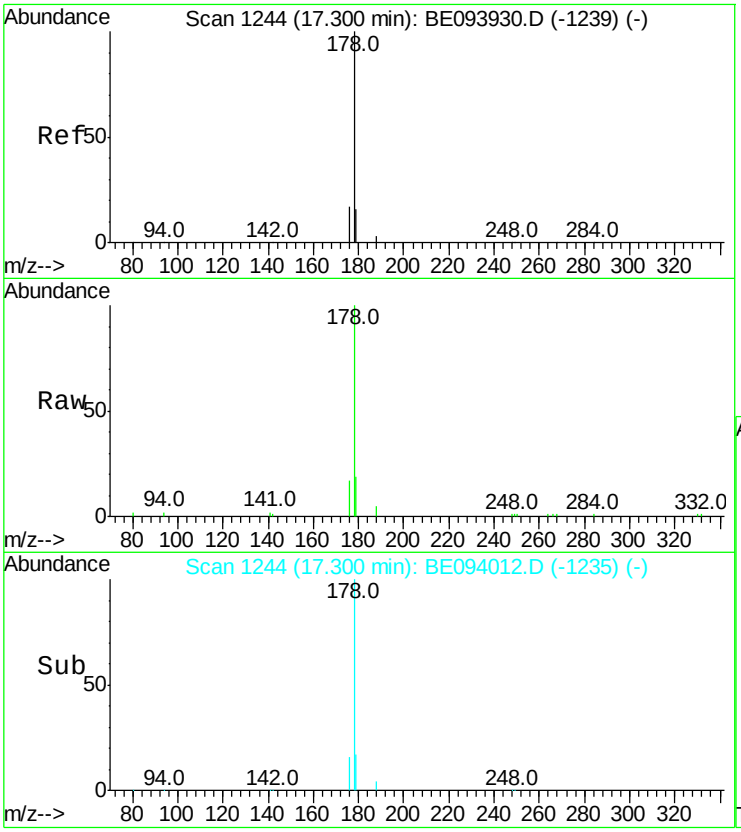


#22
Pentachlorophenol
Concen: 0.449 ng
RT: 16.94 min Scan# 1233
Delta R.T. 0.00 min
Lab File: BE094012.D
Acq: 14 Sep 2017 19:07

Tgt Ion:266 Resp: 784

Ion	Ratio	Lower	Upper
266	100		
264	66.4	53.5	80.3
268	75.4	60.0	90.0



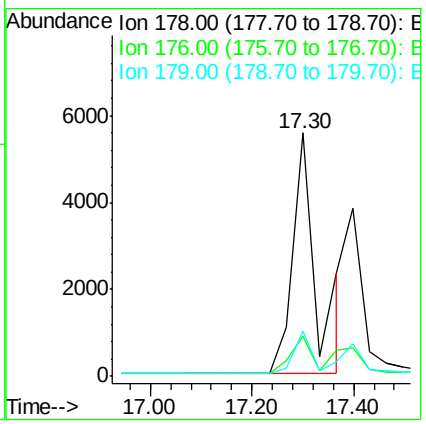


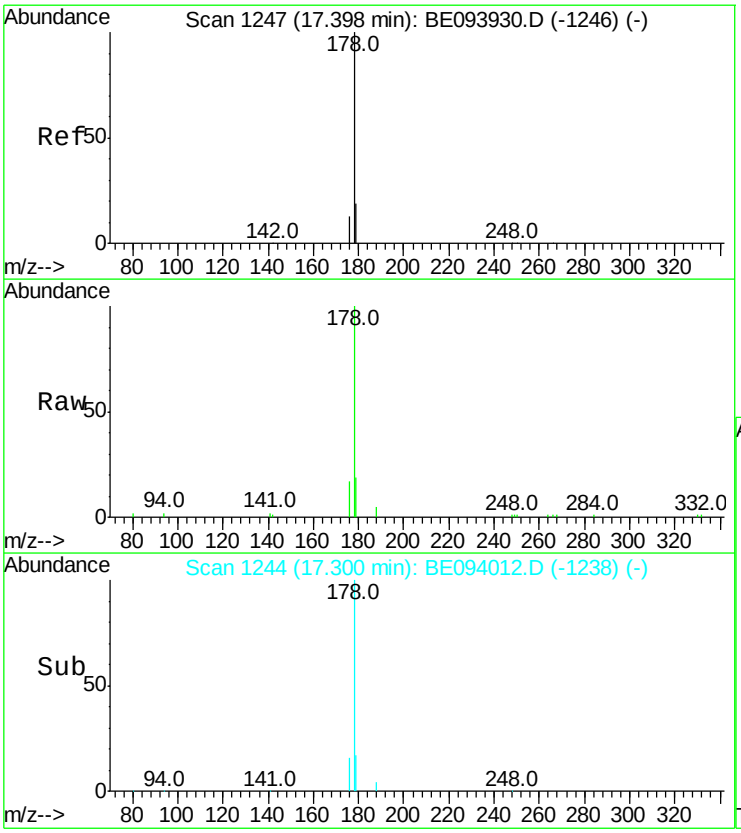
#23
Phenanthrene
Concen: 0.534 ng
RT: 17.30 min Scan# 1244
Delta R.T. 0.00 min
Lab File: BE094012.D
Acq: 14 Sep 2017 19:07

Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4EC

Tgt Ion:178 Resp: 18159

Ion	Ratio	Lower	Upper
178	100		
176	13.4	0.0	0.0#
179	15.4	12.6	18.8

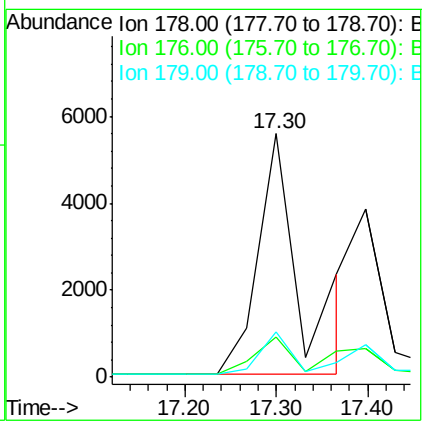


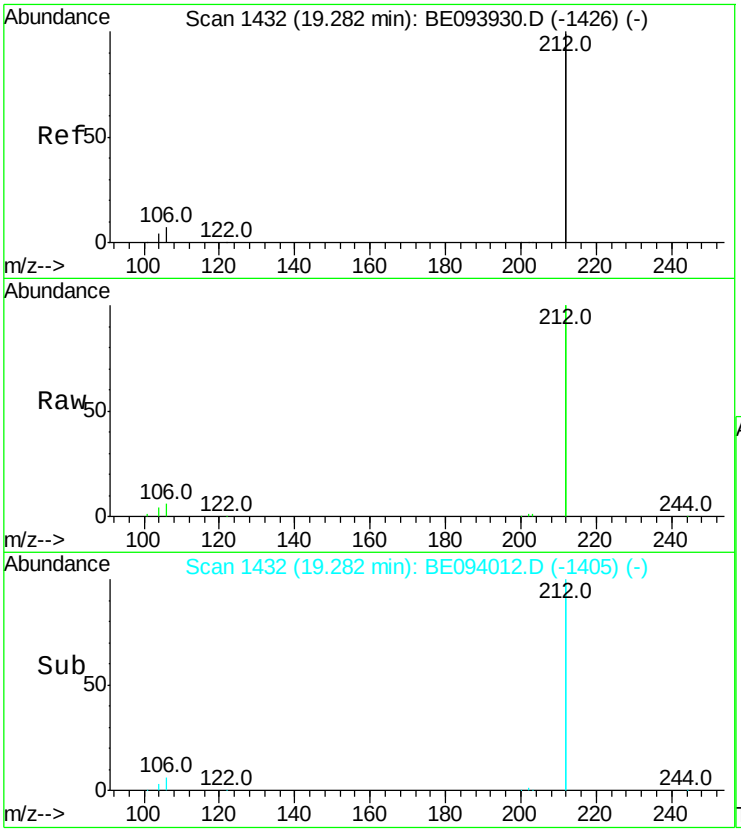


#24
Anthracene
Concen: 0.540 ng
RT: 17.30 min Scan# 1244
Delta R.T. -0.10 min
Lab File: BE094012.D
Acq: 14 Sep 2017 19:07

Tgt Ion:178 Resp: 18124

Ion	Ratio	Lower	Upper
178	100		
176	13.3	16.0	24.0#
179	15.4	0.0	0.0#



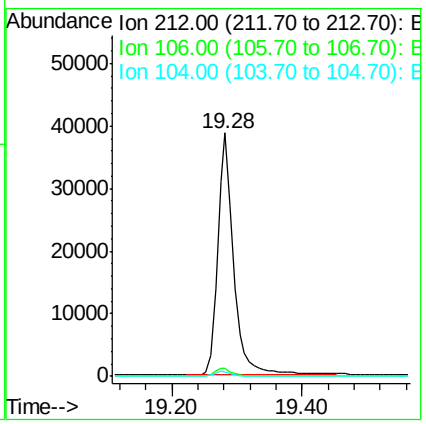


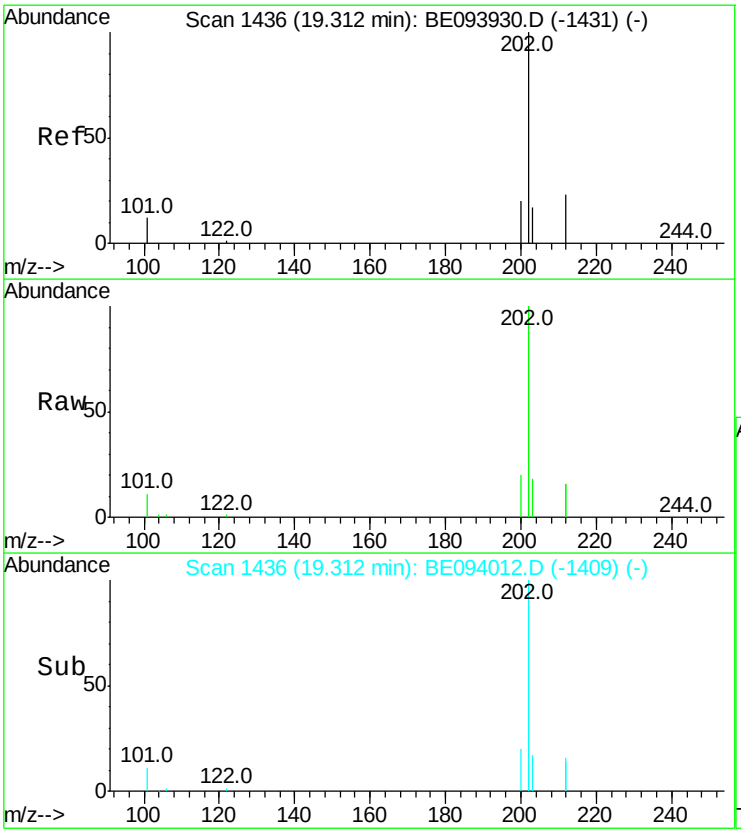
#25
Fluoranthene-d10
Concen: 0.399 ng
RT: 19.28 min Scan# 1432
Delta R.T. -0.00 min
Lab File: BE094012.D
Acq: 14 Sep 2017 19:07

Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4EC

Tgt Ion:212 Resp: 65445

Ion	Ratio	Lower	Upper
212	100		
106	3.4	2.7	4.1
104	1.9	1.6	2.4

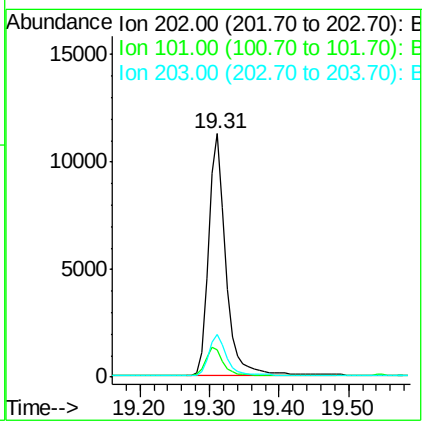


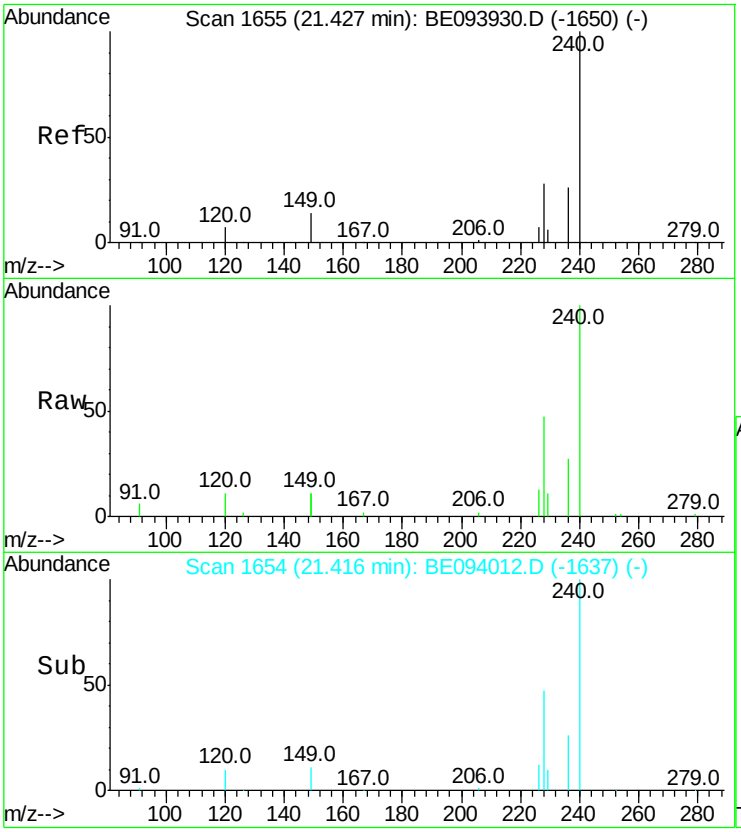


#26
Fluoranthene
Concen: 0.394 ng
RT: 19.31 min Scan# 1436
Delta R.T. -0.00 min
Lab File: BE094012.D
Acq: 14 Sep 2017 19:07

Tgt Ion:202 Resp: 19364

Ion	Ratio	Lower	Upper
202	100		
101	12.3	9.7	14.5
203	16.8	13.7	20.5



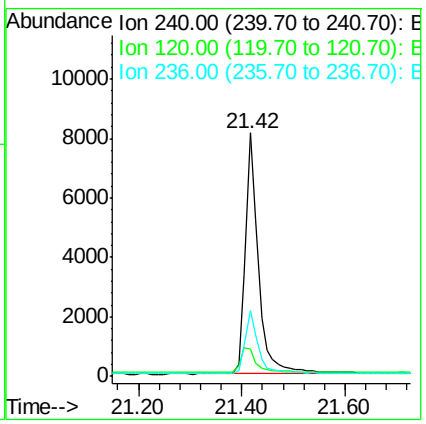


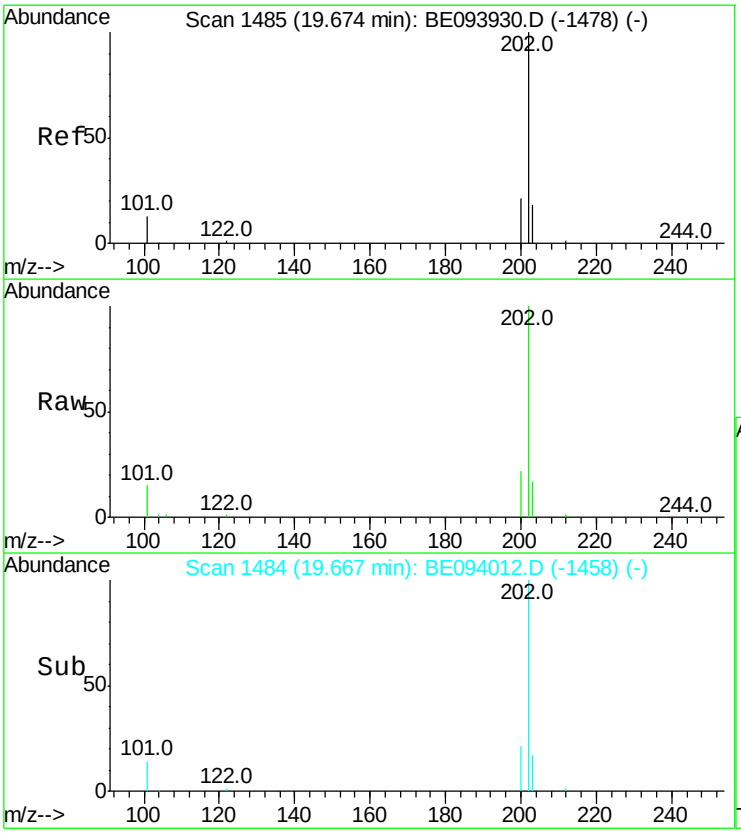
#27
Chrysene-d12
Concen: 0.400 ng
RT: 21.42 min Scan# 1654
Delta R.T. -0.01 min
Lab File: BE094012.D
Acq: 14 Sep 2017 19:07

Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4EC

Tgt Ion:240 Resp: 14410

Ion	Ratio	Lower	Upper
240	100		
120	11.4	8.7	13.1
236	26.7	21.3	31.9

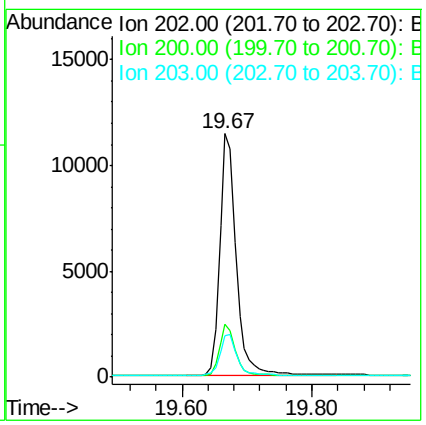


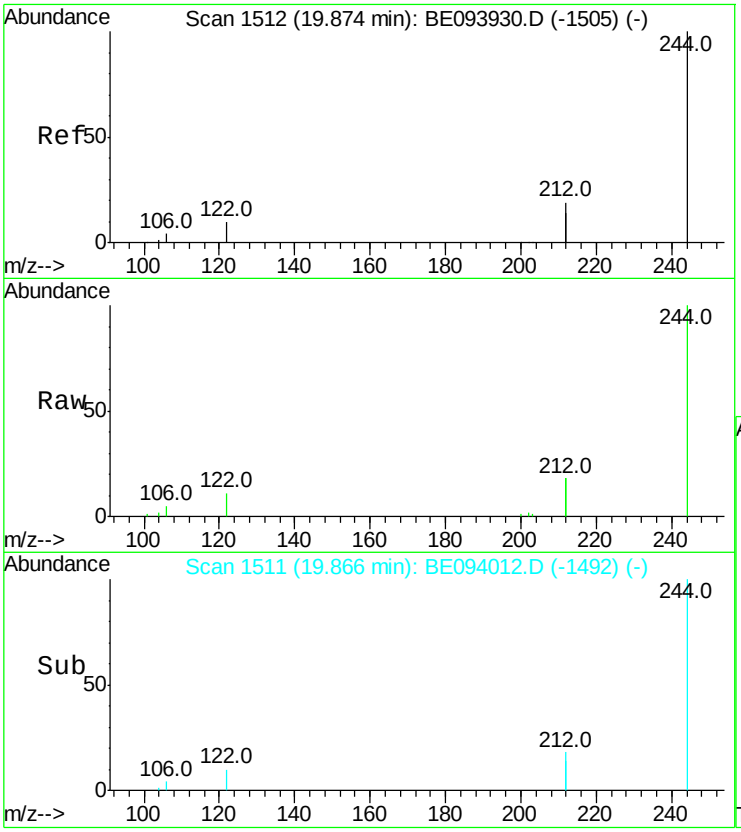


#28
Pyrene
Concen: 0.405 ng
RT: 19.67 min Scan# 1484
Delta R.T. -0.01 min
Lab File: BE094012.D
Acq: 14 Sep 2017 19:07

Tgt Ion:202 Resp: 20085

Ion	Ratio	Lower	Upper
202	100		
200	20.8	16.6	24.8
203	17.0	14.2	21.4



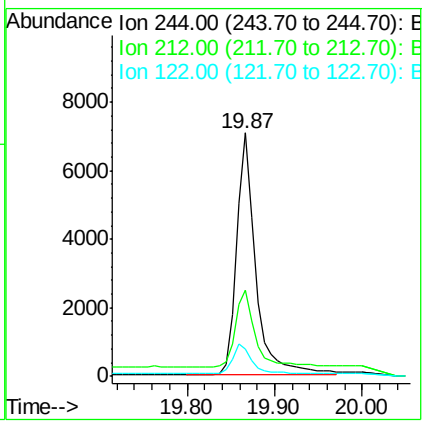


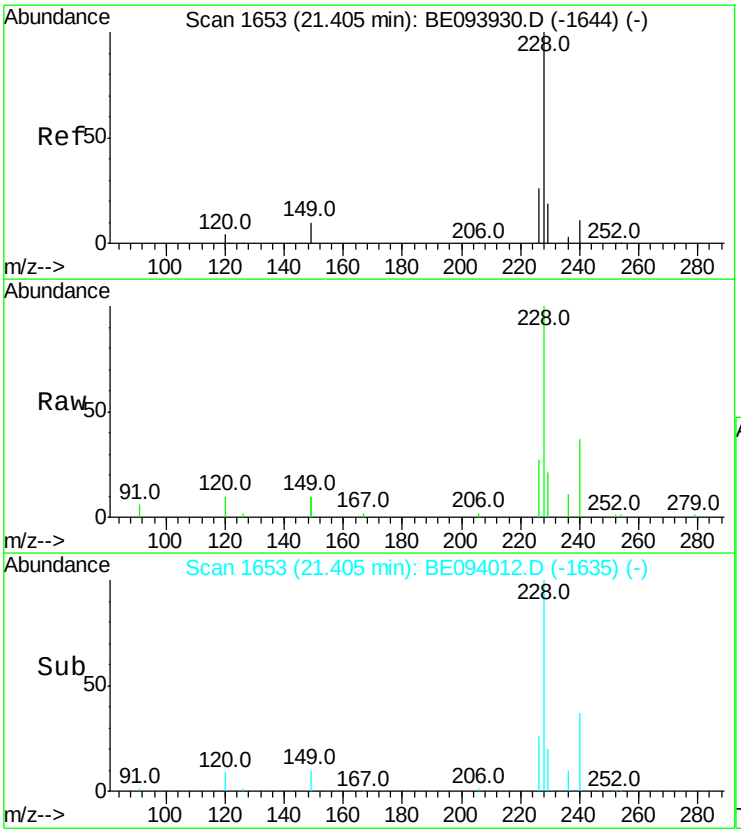
#29
Terphenyl-d14
Concen: 0.405 ng
RT: 19.87 min Scan# 1511
Delta R.T. -0.01 min
Lab File: BE094012.D
Acq: 14 Sep 2017 19:07

Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4EC

Tgt Ion:244 Resp: 10733

Ion	Ratio	Lower	Upper
244	100		
212	35.4	28.3	42.5
122	11.1	9.4	14.0

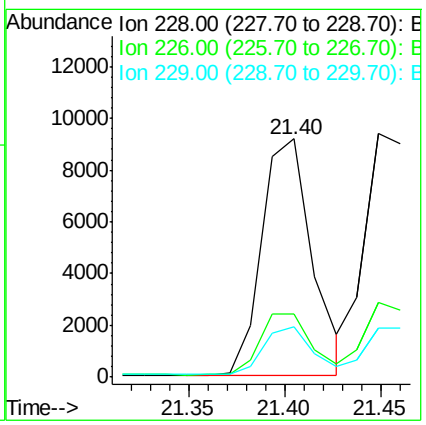


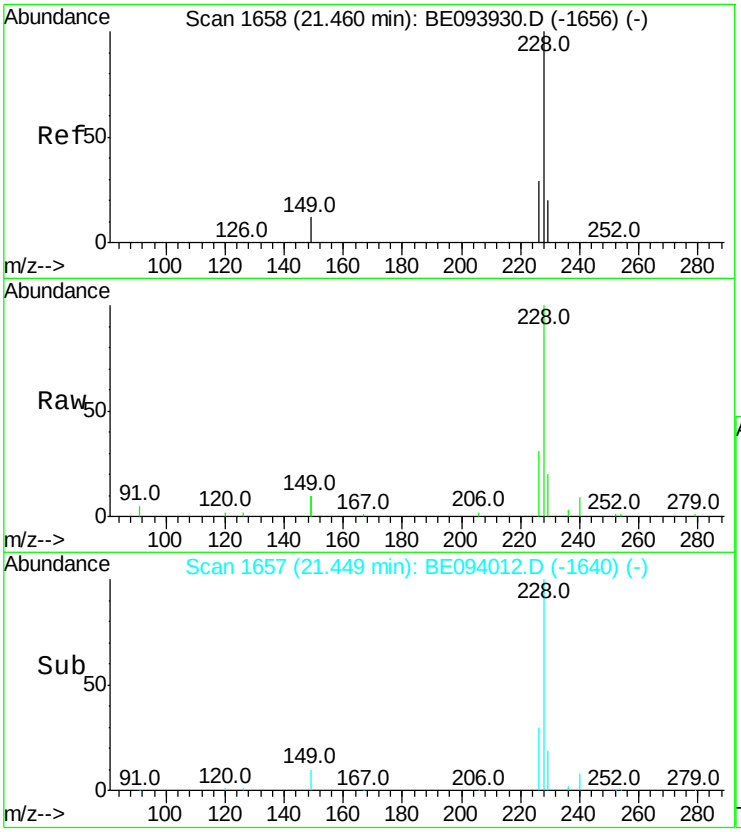


#30
Benzo(a)anthracene
Concen: 0.375 ng
RT: 21.40 min Scan# 1653
Delta R.T. -0.00 min
Lab File: BE094012.D
Acq: 14 Sep 2017 19:07

Tgt Ion:228 Resp: 16594

Ion	Ratio	Lower	Upper
228	100		
226	26.5	20.8	31.2
229	21.1	16.6	25.0



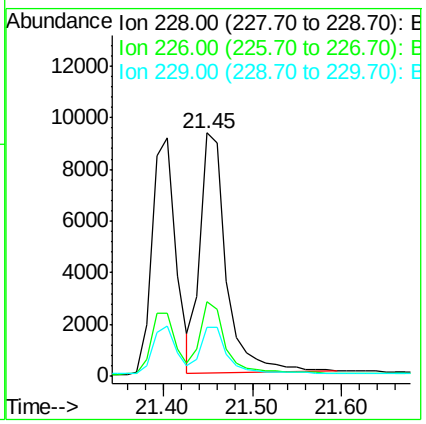


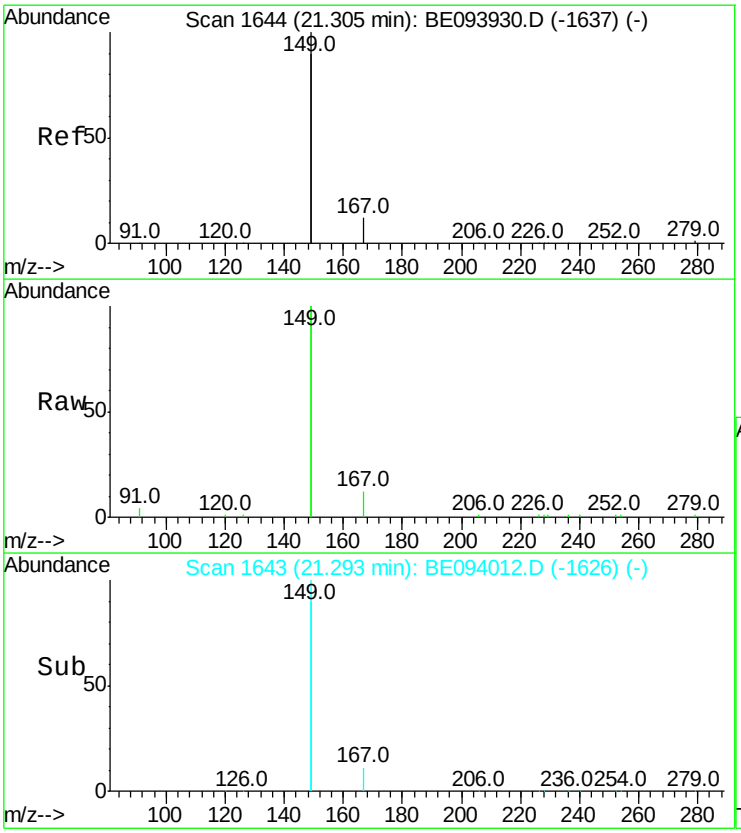
#31
Chrysene
Concen: 0.403 ng
RT: 21.45 min Scan# 1657
Delta R.T. -0.01 min
Lab File: BE094012.D
Acq: 14 Sep 2017 19:07

Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4EC

Tgt Ion:228 Resp: 18864

Ion	Ratio	Lower	Upper
228	100		
226	30.8	24.6	37.0
229	20.0	15.8	23.8

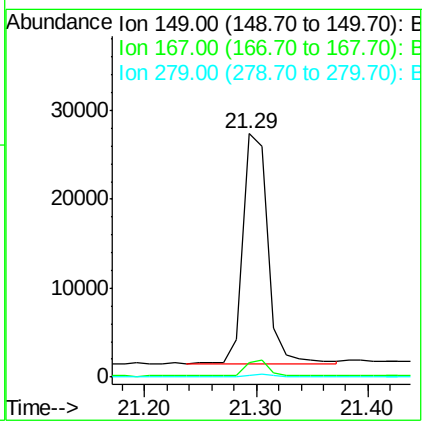


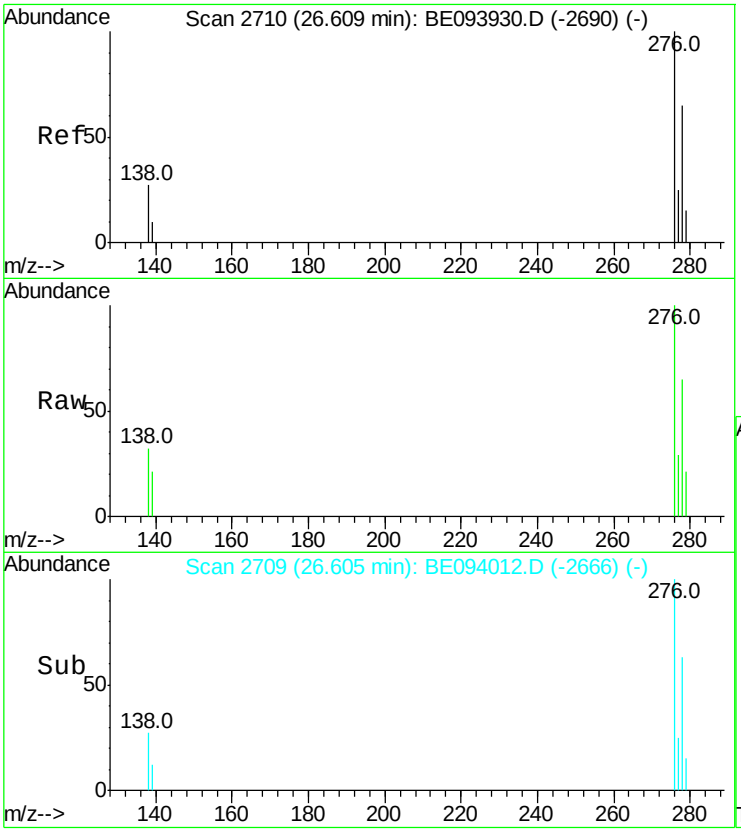


#32
Bis(2-ethylhexyl)phthalate
Concen: 0.369 ng
RT: 21.29 min Scan# 1643
Delta R.T. -0.01 min
Lab File: BE094012.D
Acq: 14 Sep 2017 19:07

Tgt Ion:149 Resp: 39632

Ion	Ratio	Lower	Upper
149	100		
167	6.7	5.4	8.0
279	0.9	0.7	1.1



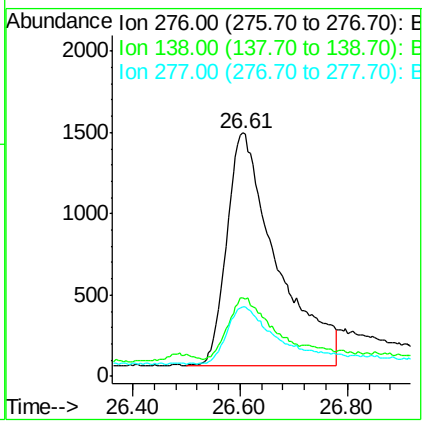


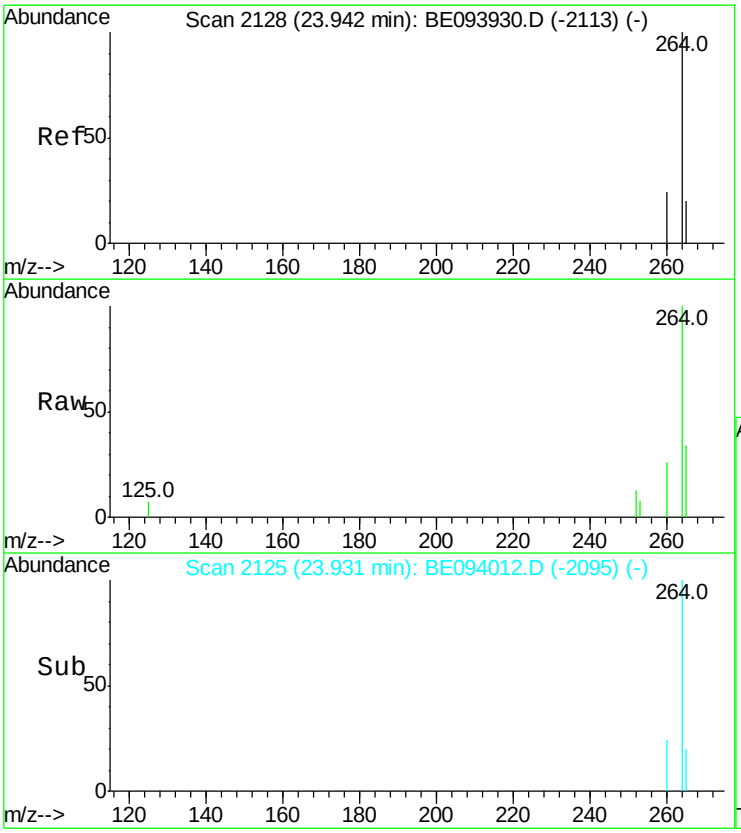
#33
Indeno(1,2,3-cd)pyrene
Concen: 0.294 ng
RT: 26.61 min Scan# 2709
Delta R.T. -0.00 min
Lab File: BE094012.D
Acq: 14 Sep 2017 19:07

Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4EC

Tgt Ion:276 Resp: 9175

Ion	Ratio	Lower	Upper
276	100		
138	22.4	22.2	33.2
277	22.5	19.5	29.3

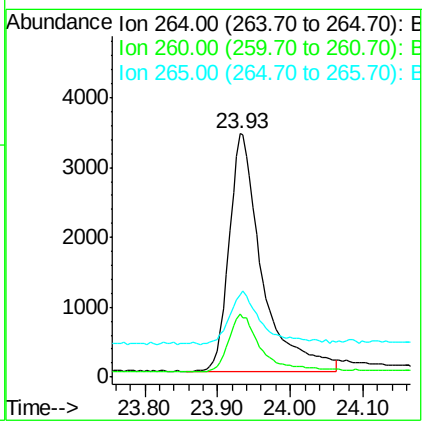


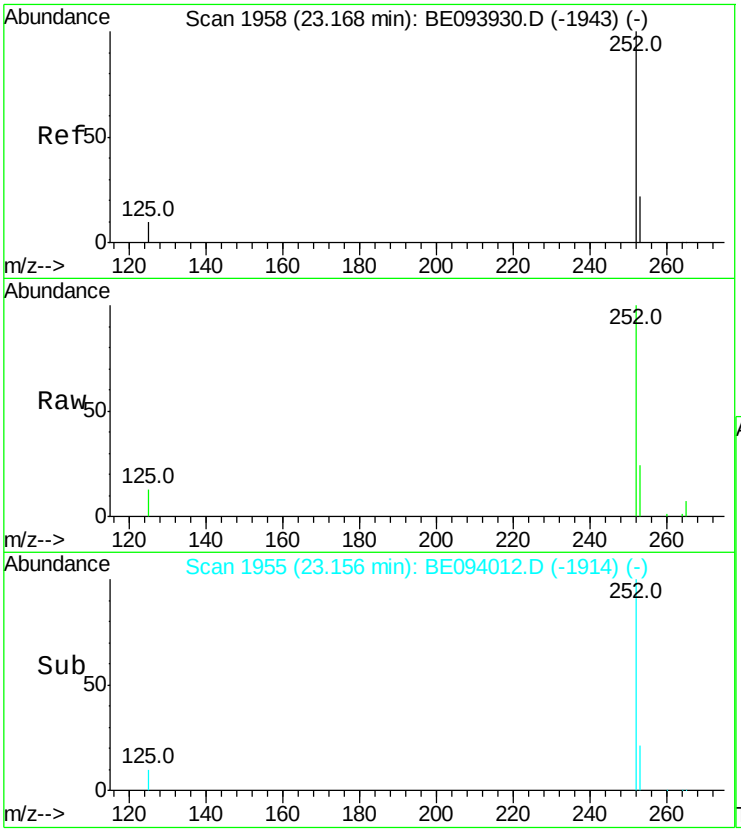


#34
Perylene-d12
Concen: 0.400 ng
RT: 23.93 min Scan# 2125
Delta R.T. -0.01 min
Lab File: BE094012.D
Acq: 14 Sep 2017 19:07

Tgt Ion:264 Resp: 10681

Ion	Ratio	Lower	Upper
264	100		
260	26.0	20.0	30.0
265	34.0	24.0	36.0



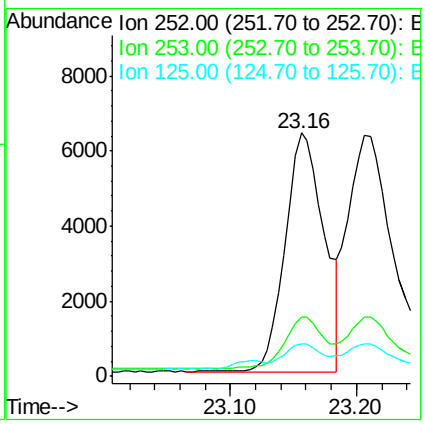


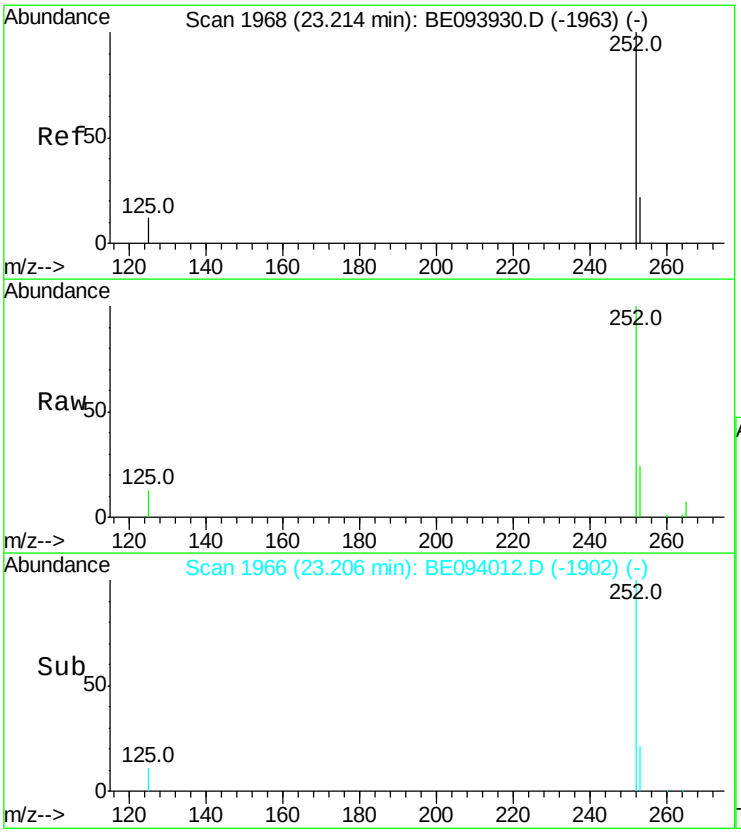
#35
Benzo(b)fluoranthene
Concen: 0.399 ng
RT: 23.16 min Scan# 1955
Delta R.T. -0.01 min
Lab File: BE094012.D
Acq: 14 Sep 2017 19:07

Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4EC

Tgt Ion:252 Resp: 13570

Ion	Ratio	Lower	Upper
252	100		
253	24.4	19.4	29.0
125	13.2	10.0	15.0

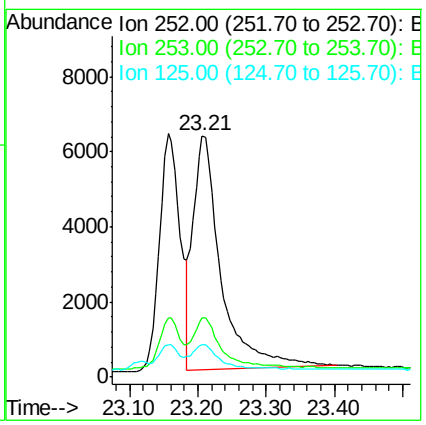


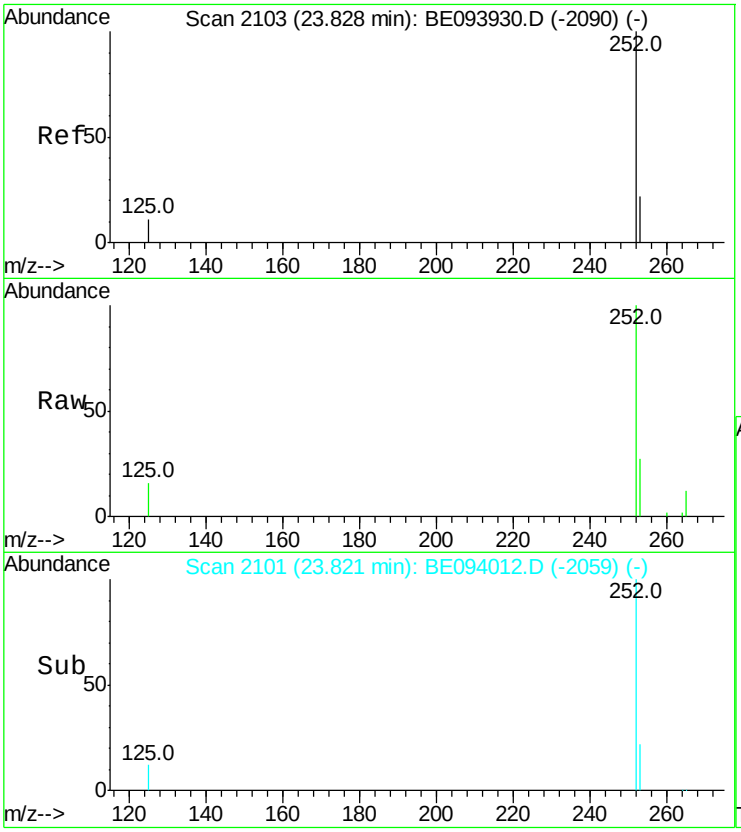


#36
Benzo(k)fluoranthene
Concen: 0.422 ng
RT: 23.21 min Scan# 1966
Delta R.T. -0.01 min
Lab File: BE094012.D
Acq: 14 Sep 2017 19:07

Tgt Ion:252 Resp: 17596

Ion	Ratio	Lower	Upper
252	100		
253	24.3	18.1	27.1
125	13.3	9.8	14.6



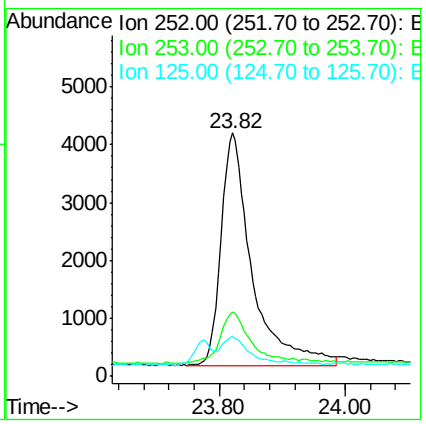


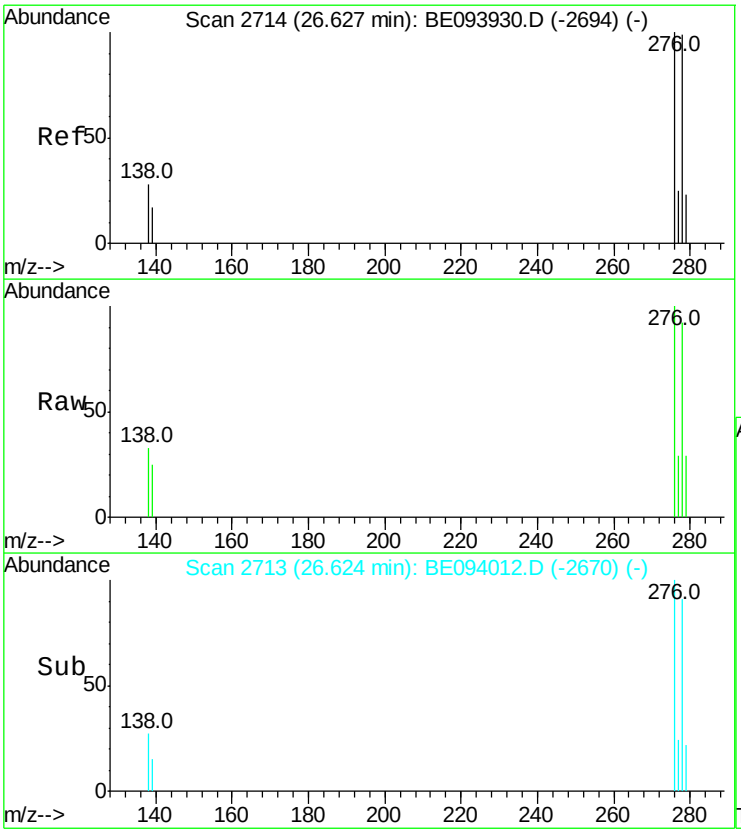
#37
Benzo(a)pyrene
Concen: 0.396 ng
RT: 23.82 min Scan# 2101
Delta R.T. -0.01 min
Lab File: BE094012.D
Acq: 14 Sep 2017 19:07

Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4EC

Tgt Ion:252 Resp: 13712

Ion	Ratio	Lower	Upper
252	100		
253	26.6	19.6	29.4
125	16.3	11.8	17.8

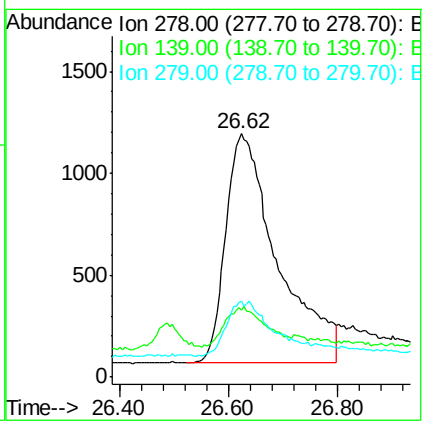


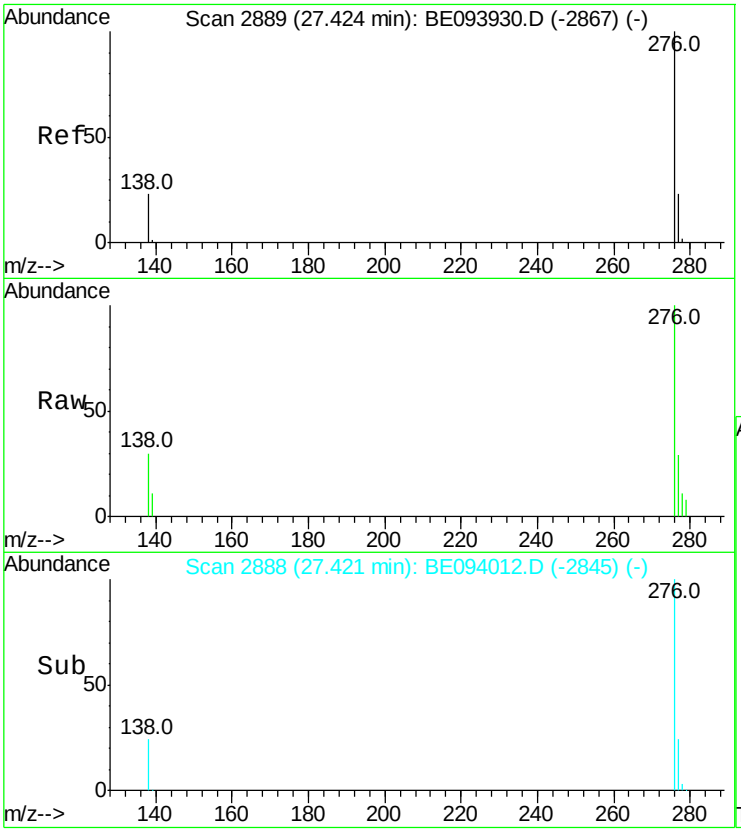


#38
Dibenzo(a,h)anthracene
Concen: 0.324 ng
RT: 26.62 min Scan# 2713
Delta R.T. -0.00 min
Lab File: BE094012.D
Acq: 14 Sep 2017 19:07

Tgt Ion:278 Resp: 7433

Ion	Ratio	Lower	Upper
278	100		
139	27.7	16.7	25.1#
279	31.4	21.6	32.4





#39
Benzo(g,h,i)perylene
Concen: 0.340 ng
RT: 27.42 min Scan# 2888
Delta R.T. -0.00 min
Lab File: BE094012.D
Acq: 14 Sep 2017 19:07

Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4EC

Tgt Ion:276 Resp: 8228

Ion	Ratio	Lower	Upper
276	100		
277	28.6	20.6	30.8
138	29.6	21.9	32.9