Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA_E\DATA\BE101617\
Data File : BE094413.D
Acq On : 16 Oct 2017 12:24
Operator : SJ/JU
Sample : SSTDICCC0.4
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument : BNA_E
ClientSampleId : SSTDICCC0.4

Quant Time: Oct 16 14:19:19 2017
Quant Method : Z:\HPCHEM1\BNA_E\METHODS\8270-SIM-BE101617.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Oct 16 13:38:25 2017
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.92	152	1400	0.40	ng		0.00
7) Naphthalene-d8	10.71	136	7433	0.40	ng		0.00
13) Acenaphthene-d10	14.52	164	4097	0.40	ng		0.00
19) Phenanthrene-d10	17.27	188	7401	0.40	ng		0.00
27) Chrysene-d12	21.43	240	9745	0.40	ng		0.00
34) Perylene-d12	23.96	264	9186	0.40	ng		0.00
System Monitoring Compounds							
4) 2-Fluorophenol	5.52	112	1915	0.36	ng		0.00
5) Phenol-d6	7.13	99	3036	0.41	ng		0.00
8) Nitrobenzene-d5	9.08	82	2565	0.36	ng		0.00
11) 2-Methylnaphthalene-d10	12.29	152	4595	0.40	ng		0.00
14) 2,4,6-Tribromophenol	16.03	330	665	0.25	ng		0.00
15) 2-Fluorobiphenyl	13.15	172	6001	0.44	ng		0.00
25) Fluoranthene-d10	19.29	212	45842	0.64	ng		0.00
29) Terphenyl-d14	19.87	244	7922	0.45	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.43	88	980	0.359	ng	#	87
3) n-Nitrosodimethylamine	3.74	42	971	0.279	ng	#	93
6) bis(2-Chloroethyl)ether	7.33	93	2264	0.396	ng		95
9) Naphthalene	10.76	128	33369	0.398	ng		100
10) Hexachlorobutadiene	11.03	225	1320	0.420	ng		98
12) 2-Methylnaphthalene	12.36	142	5415	0.398	ng		98
16) Acenaphthylene	14.24	152	8945	0.436	ng		100
17) Acenaphthene	14.58	154	5586	0.435	ng		99
18) Fluorene	15.58	166	7204	0.414	ng		99
20) 4-Bromophenyl-phenylether	16.45	248	1330	0.438	ng	#	38
21) Hexachlorobenzene	16.58	284	2627	1.371	ng	#	63
22) Pentachlorophenol	16.97	266	219	0.125	ng		90
23) Phenanthrene	17.30	178	13868	0.732	ng		97
24) Anthracene	17.30	178	13839	0.697	ng		98
26) Fluoranthene	19.32	202	13775	0.649	ng		99
28) Pyrene	19.68	202	14555	0.471	ng		98
30) Benzo(a)anthracene	21.42	228	13351	0.407	ng	#	69
31) Chrysene	21.47	228	13204	0.417	ng	#	70
32) Bis(2-ethylhexyl)phthalate	21.29	149	37342	0.238	ng		100
33) Indeno(1,2,3-cd)pyrene	26.66	276	12987	0.383	ng		98
35) Benzo(b)fluoranthene	23.18	252	12505	0.377	ng	#	53
36) Benzo(k)fluoranthene	23.23	252	12463	0.393	ng	#	53
37) Benzo(a)pyrene	23.85	252	11758	0.393	ng	#	48
38) Dibenzo(a,h)anthracene	26.66	278	11229	0.396	ng	#	57
39) Benzo(g,h,i)perylene	27.50	276	10787	0.384	ng	#	66

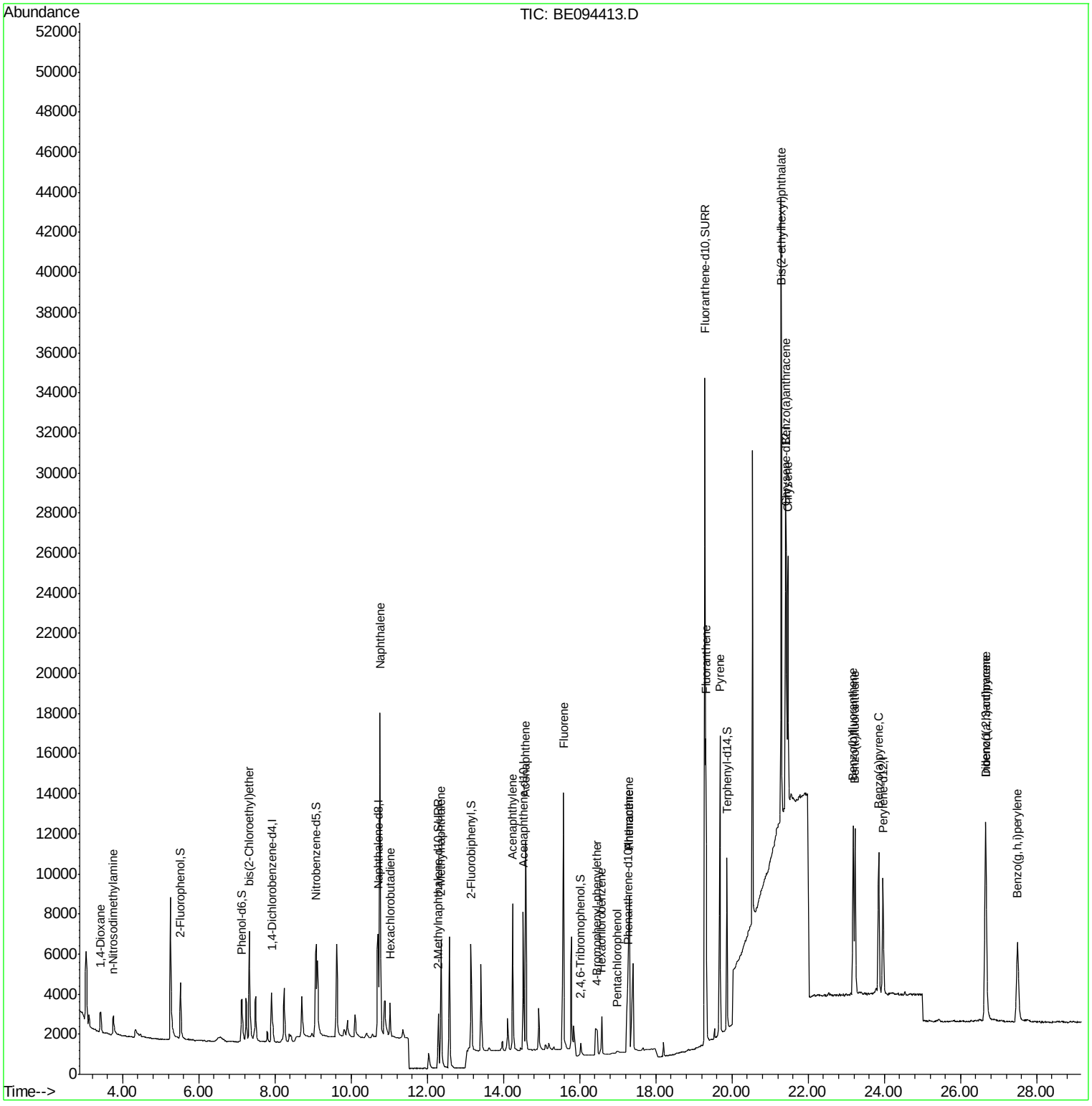
(#) = qualifier out of range (m) = manual integration (+) = signals summed

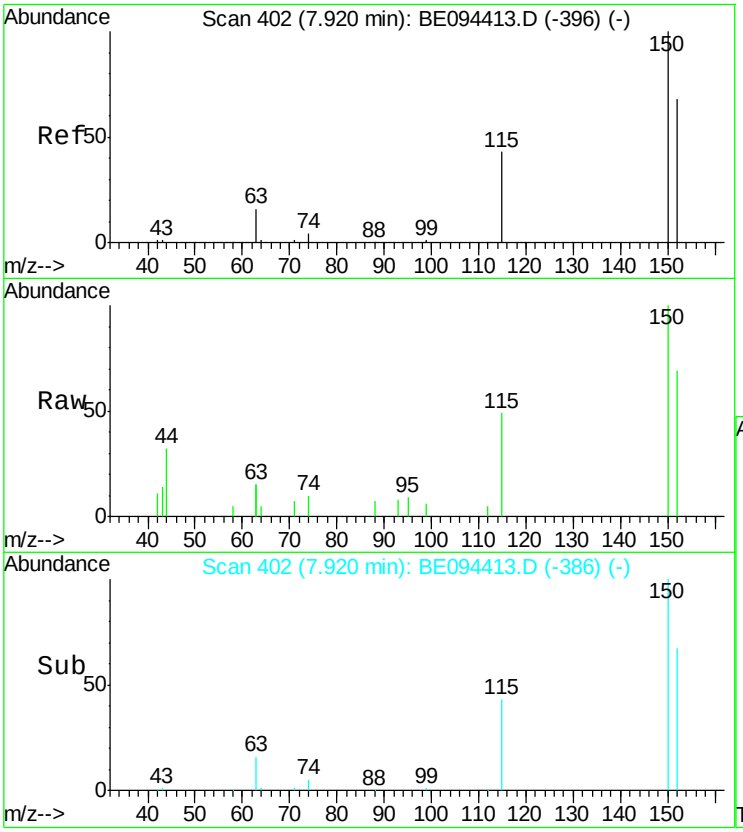
Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA_E\DATA\BE101617\
Data File : BE094413.D
Acq On : 16 Oct 2017 12:24
Operator : SJ/JU
Sample : SSTDICCC0.4
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :
BNA_E
ClientSampleId :
SSTDICCC0.4

Quant Time: Oct 16 14:19:19 2017
Quant Method : Z:\HPCHEM1\BNA_E\METHODS\8270-SIM-BE101617.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Oct 16 13:38:25 2017
Response via : Initial Calibration



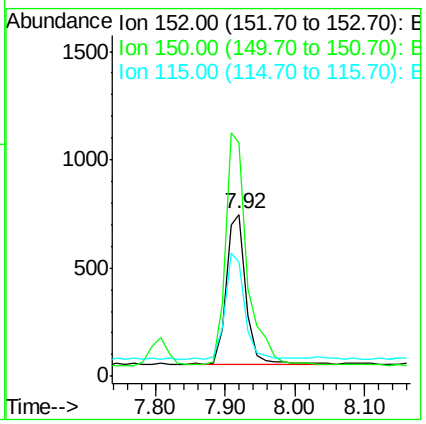


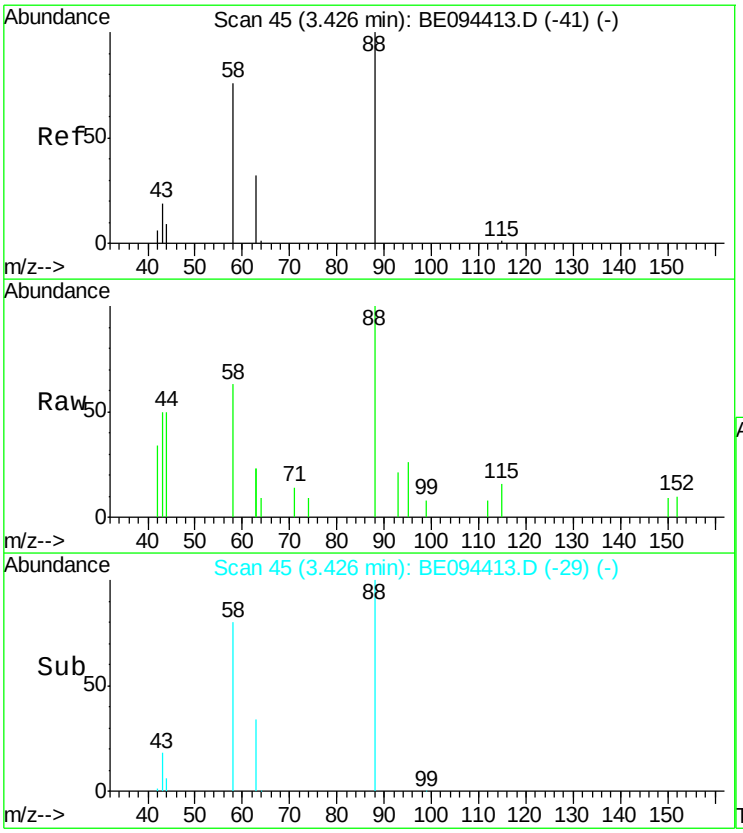
#1
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.92 min Scan# 402
Delta R.T. 0.00 min
Lab File: BE094413.D
Acq: 16 Oct 2017 12:24

Instrument :
BNA_E
ClientSampleId :
SSTDICCC0.4

Tgt Ion:152 Resp: 1400

Ion	Ratio	Lower	Upper
152	100		
150	144.1	117.2	175.8
115	70.2	57.0	85.6

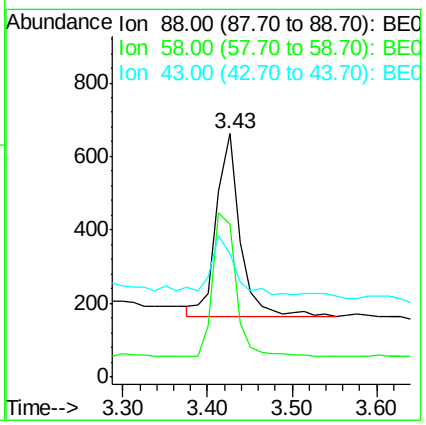


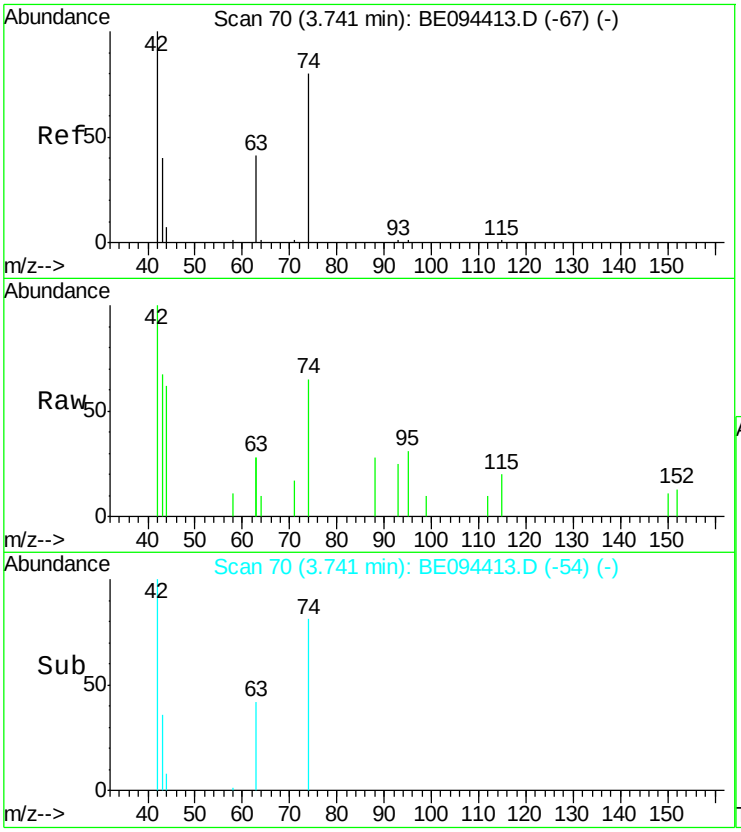


#2
1,4-Dioxane
Concen: 0.359 ng
RT: 3.43 min Scan# 45
Delta R.T. 0.00 min
Lab File: BE094413.D
Acq: 16 Oct 2017 12:24

Tgt Ion: 88 Resp: 980

Ion	Ratio	Lower	Upper
88	100		
58	75.8	63.2	94.8
43	31.8	41.2	61.8#



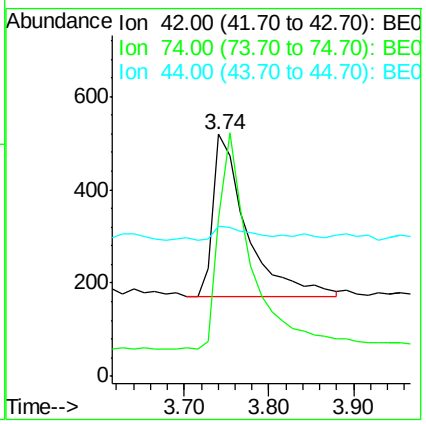


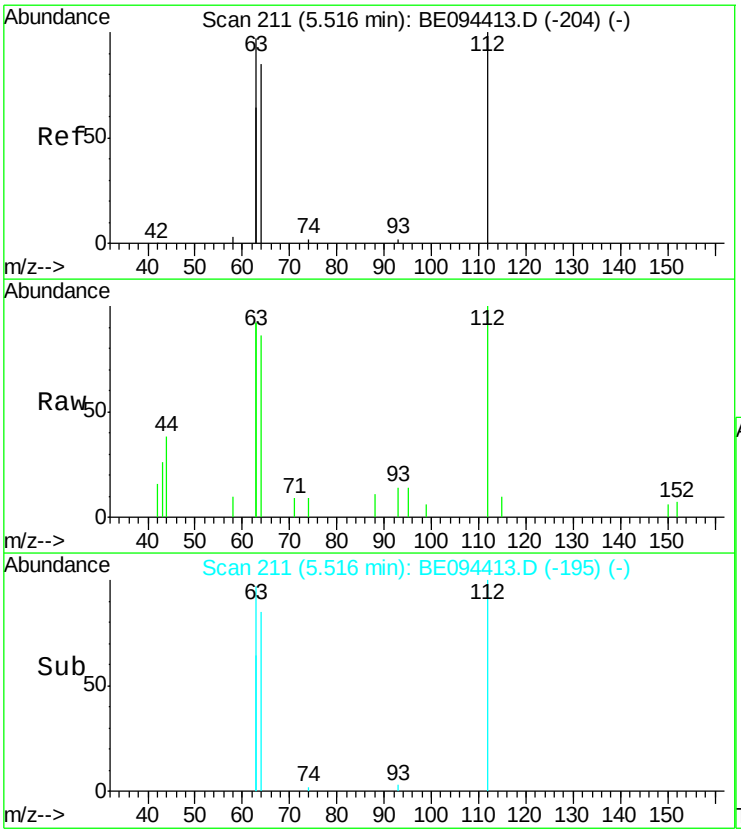
#3
n-Nitrosodimethylamine
Concen: 0.279 ng
RT: 3.74 min Scan# 70
Delta R.T. 0.00 min
Lab File: BE094413.D
Acq: 16 Oct 2017 12:24

Instrument :
BNA_E
ClientSampleId :
SSTDICCC0.4

Tgt Ion: 42 Resp: 971

Ion	Ratio	Lower	Upper
42	100		
74	130.7	100.3	150.5
44	10.0	17.0	25.4#

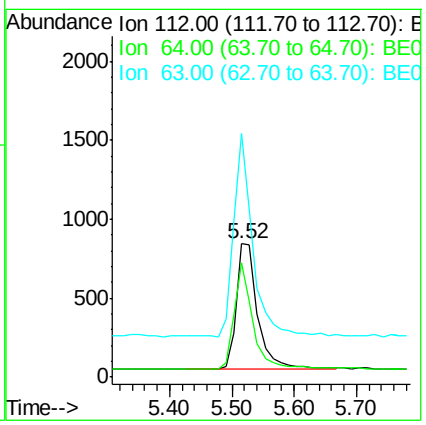


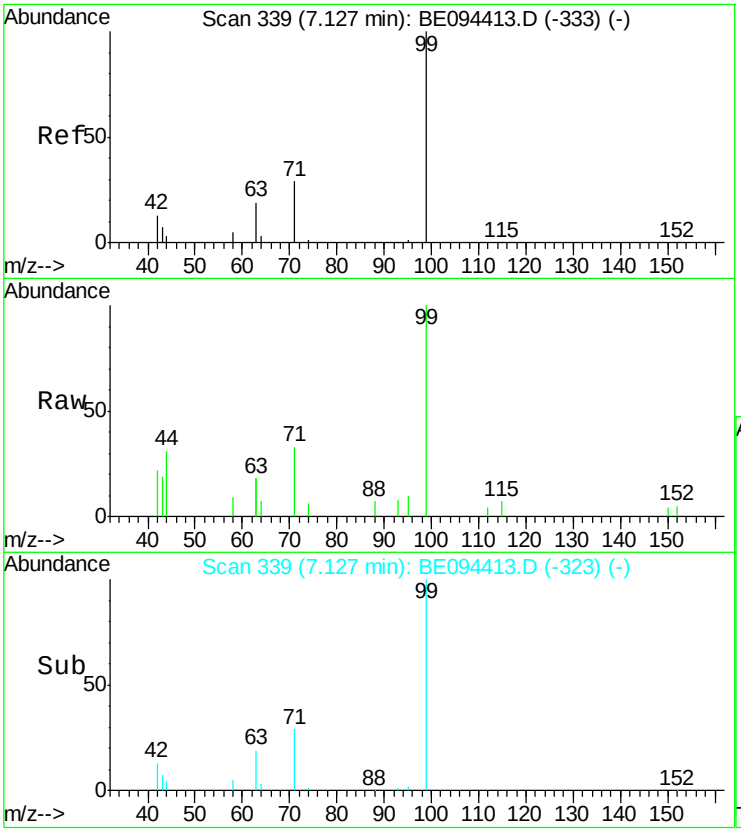


#4
2-Fluorophenol
Concen: 0.361 ng
RT: 5.52 min Scan# 211
Delta R.T. 0.00 min
Lab File: BE094413.D
Acq: 16 Oct 2017 12:24

Tgt Ion:112 Resp: 1915

Ion	Ratio	Lower	Upper
112	100		
64	73.6	60.1	90.1
63	139.0	116.8	175.2



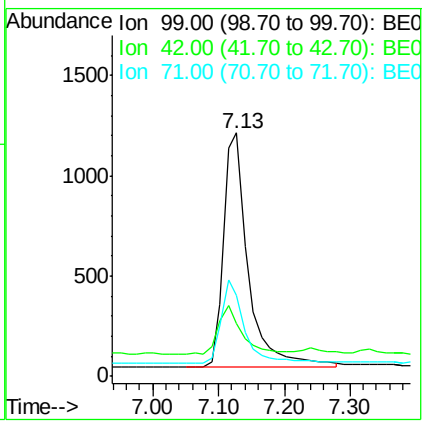


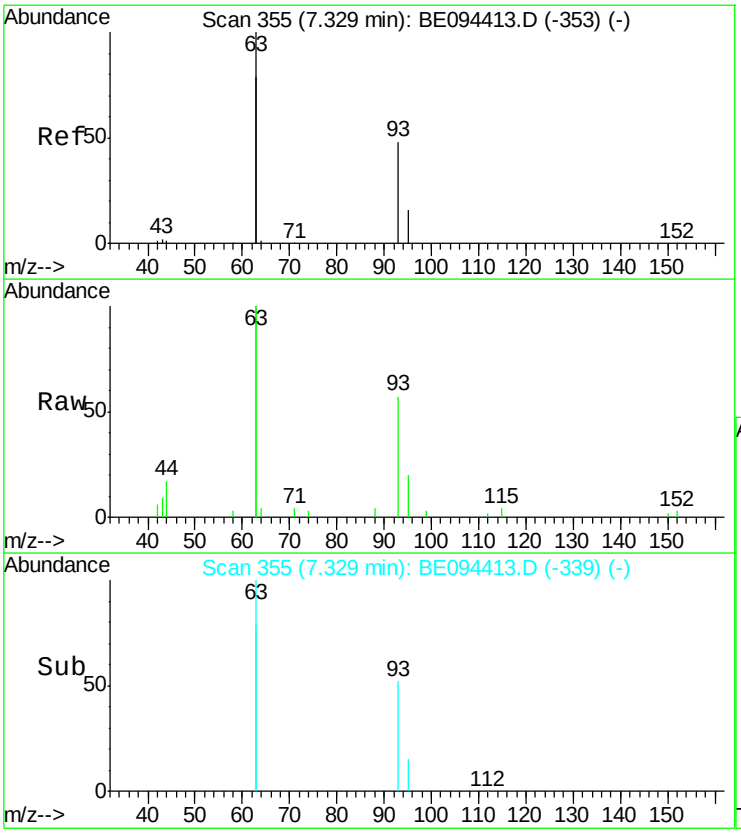
#5
Phenol-d6
Concen: 0.412 ng
RT: 7.13 min Scan# 339
Delta R.T. 0.00 min
Lab File: BE094413.D
Acq: 16 Oct 2017 12:24

Instrument :
BNA_E
ClientSampleId :
SSTDICCC0.4

Tgt Ion: 99 Resp: 3036

Ion	Ratio	Lower	Upper
99	100		
42	20.5	20.2	30.2
71	34.2	28.4	42.6

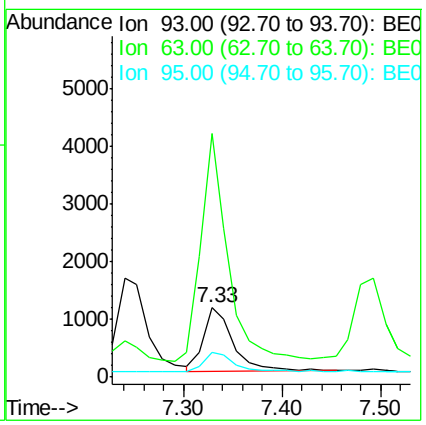


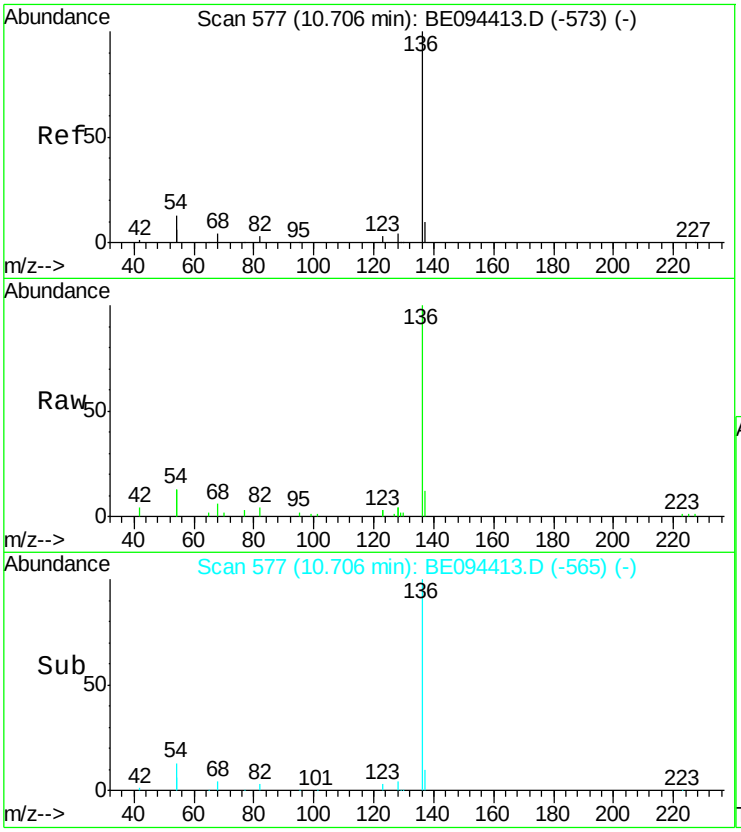


#6
bis(2-Chloroethyl)ether
Concen: 0.396 ng
RT: 7.33 min Scan# 355
Delta R.T. 0.00 min
Lab File: BE094413.D
Acq: 16 Oct 2017 12:24

Tgt Ion: 93 Resp: 2264

Ion	Ratio	Lower	Upper
93	100		
63	331.9	275.3	412.9
95	30.9	25.2	37.8



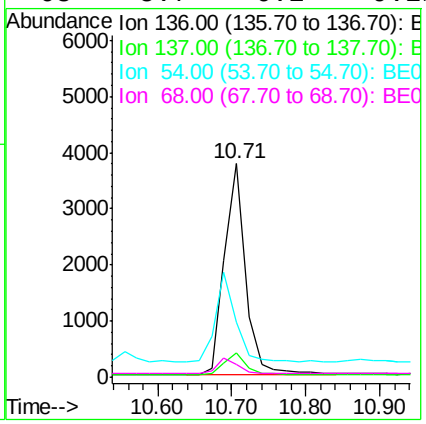


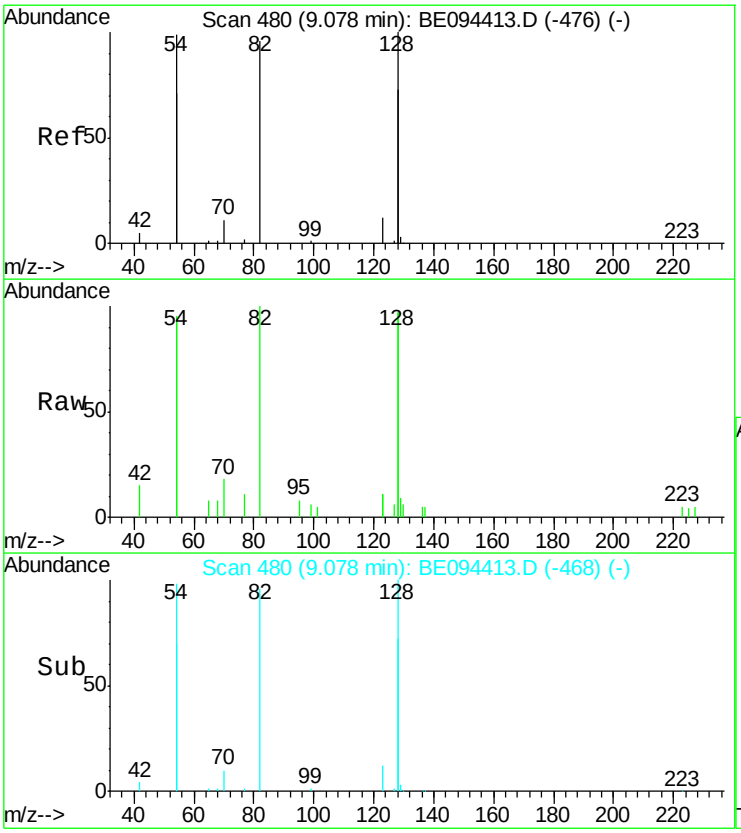
#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.71 min Scan# 577
Delta R.T. 0.00 min
Lab File: BE094413.D
Acq: 16 Oct 2017 12:24

Instrument :
BNA_E
ClientSampleId :
SSTDICCC0.4

Tgt Ion:136 Resp: 7433

Ion	Ratio	Lower	Upper
136	100		
137	11.6	9.5	14.3
54	25.8	29.1	43.7#
68	5.7	6.2	9.2#

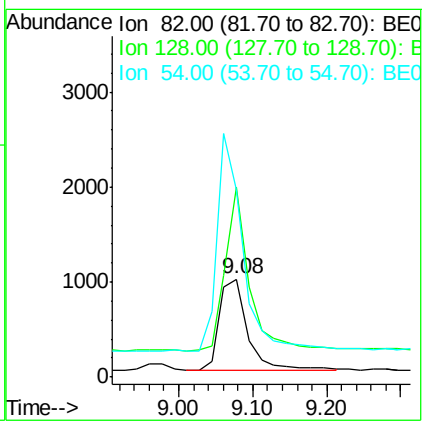


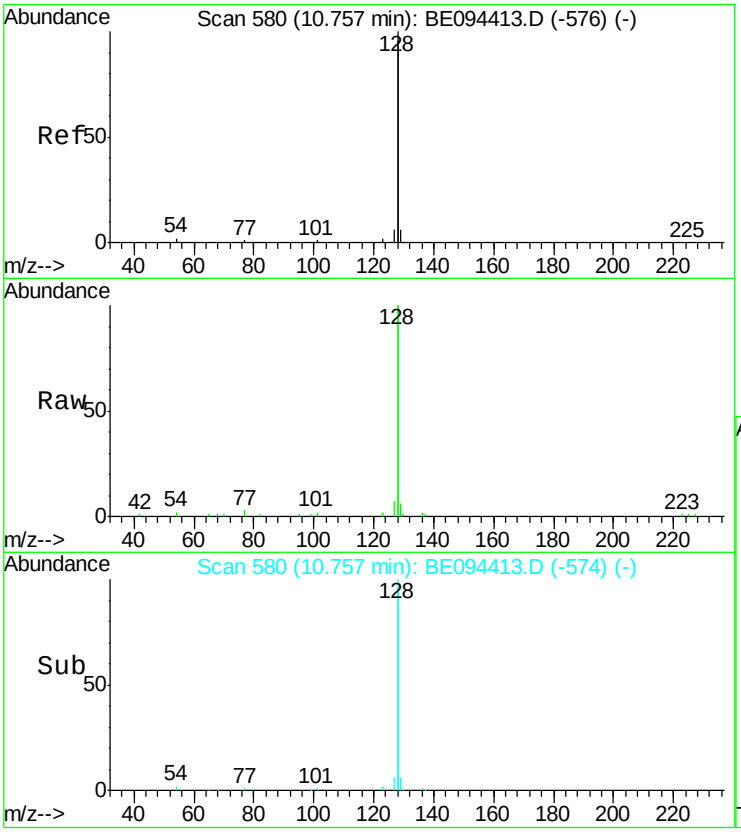


#8
Nitrobenzene-d5
Concen: 0.357 ng
RT: 9.08 min Scan# 480
Delta R.T. 0.00 min
Lab File: BE094413.D
Acq: 16 Oct 2017 12:24

Tgt Ion: 82 Resp: 2565

Ion	Ratio	Lower	Upper
82	100		
128	193.2	150.0	225.0
54	190.3	154.2	231.4



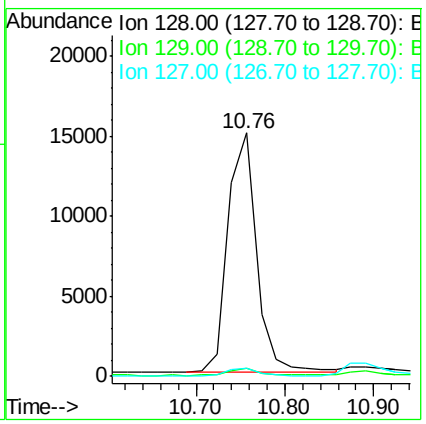


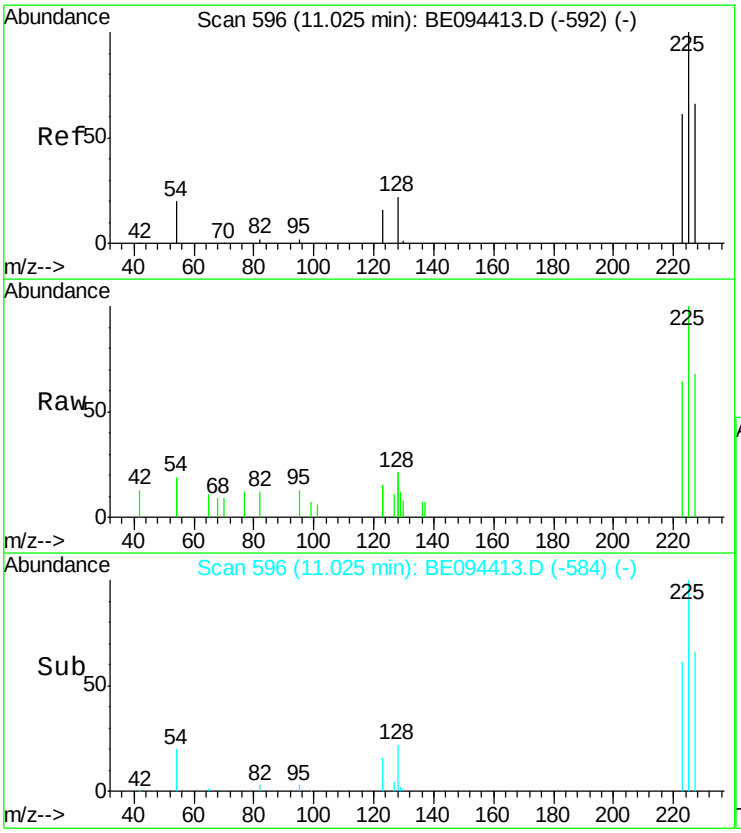
#9
Naphthalene
Concen: 0.398 ng
RT: 10.76 min Scan# 580
Delta R.T. 0.00 min
Lab File: BE094413.D
Acq: 16 Oct 2017 12:24

Instrument :
BNA_E
ClientSampleId :
SSTDICCC0.4

Tgt Ion:128 Resp: 33369

Ion	Ratio	Lower	Upper
128	100		
129	3.2	2.6	3.8
127	3.3	2.8	4.2

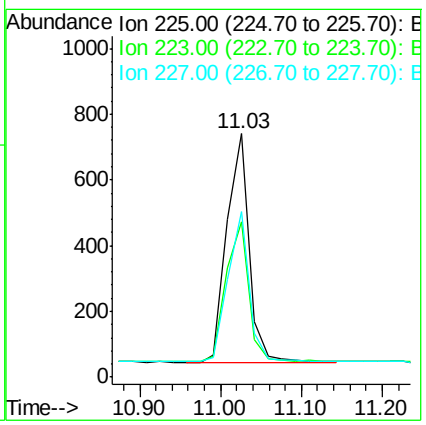


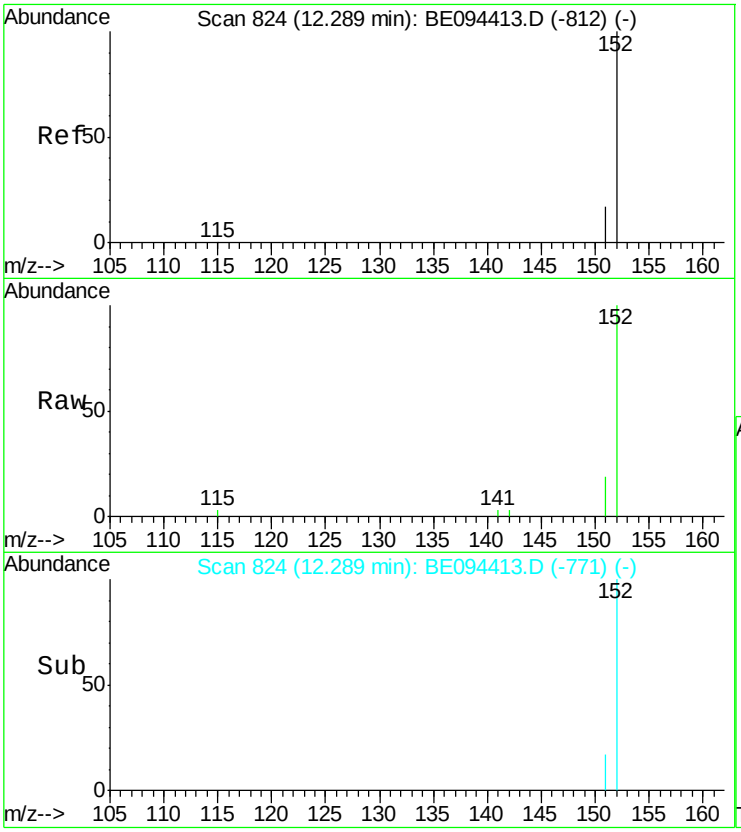


#10
Hexachlorobutadiene
Concen: 0.420 ng
RT: 11.03 min Scan# 596
Delta R.T. 0.00 min
Lab File: BE094413.D
Acq: 16 Oct 2017 12:24

Tgt Ion:225 Resp: 1320

Ion	Ratio	Lower	Upper
225	100		
223	63.3	53.0	79.6
227	63.6	51.4	77.2



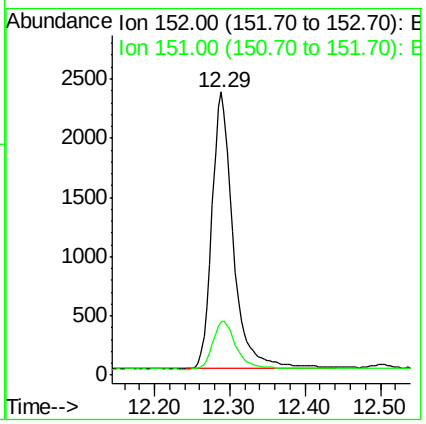


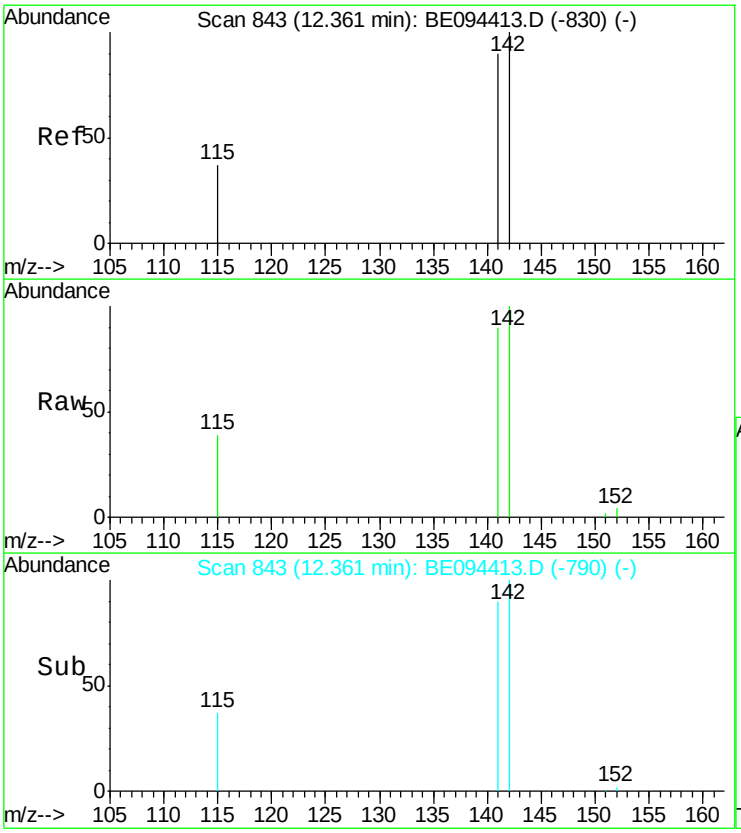
#11
2-Methylnaphthalene-d10
Concen: 0.401 ng
RT: 12.29 min Scan# 824
Delta R.T. 0.00 min
Lab File: BE094413.D
Acq: 16 Oct 2017 12:24

Instrument :
BNA_E
ClientSampleId :
SSTDICCC0.4

Tgt Ion:152 Resp: 4595

Ion	Ratio	Lower	Upper
152	100		
151	19.2	15.4	23.0

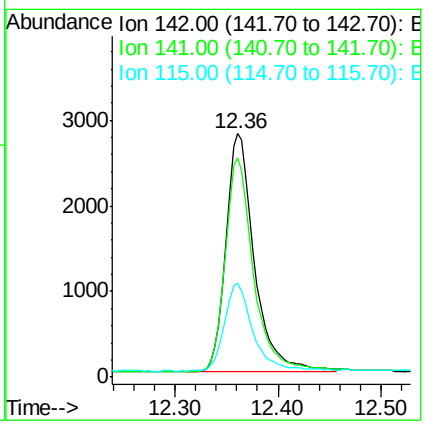


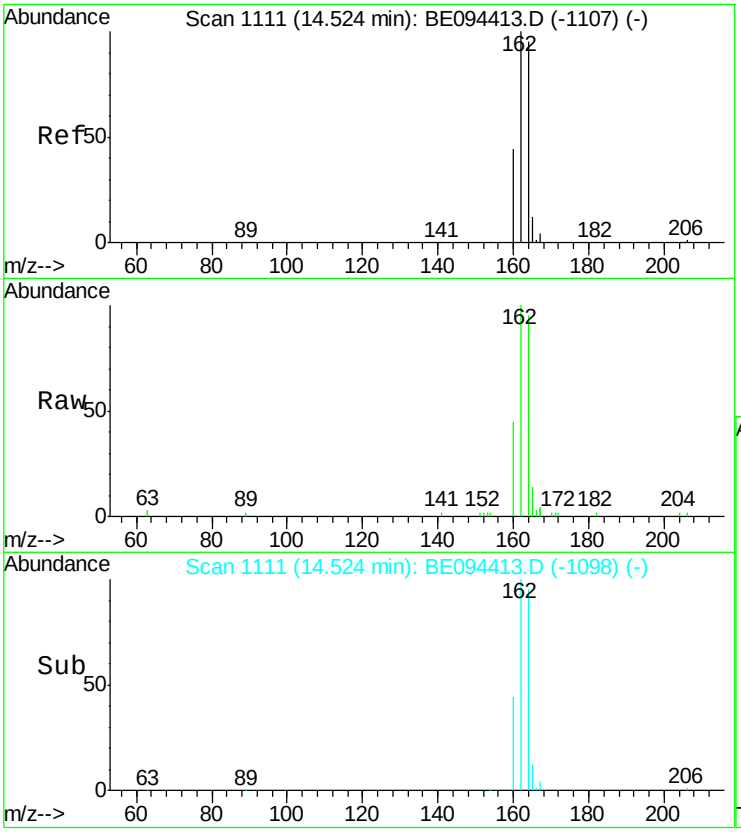


#12
2-Methylnaphthalene
Concen: 0.398 ng
RT: 12.36 min Scan# 843
Delta R.T. 0.00 min
Lab File: BE094413.D
Acq: 16 Oct 2017 12:24

Tgt Ion:142 Resp: 5415

Ion	Ratio	Lower	Upper
142	100		
141	90.0	70.4	105.6
115	38.5	31.7	47.5



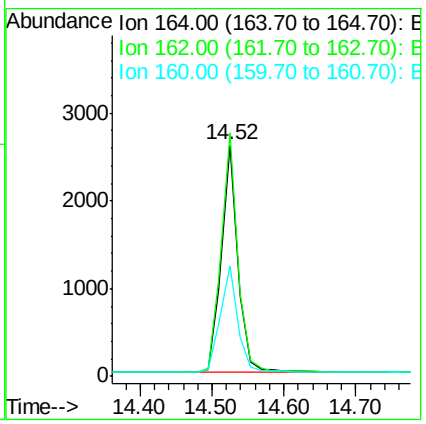


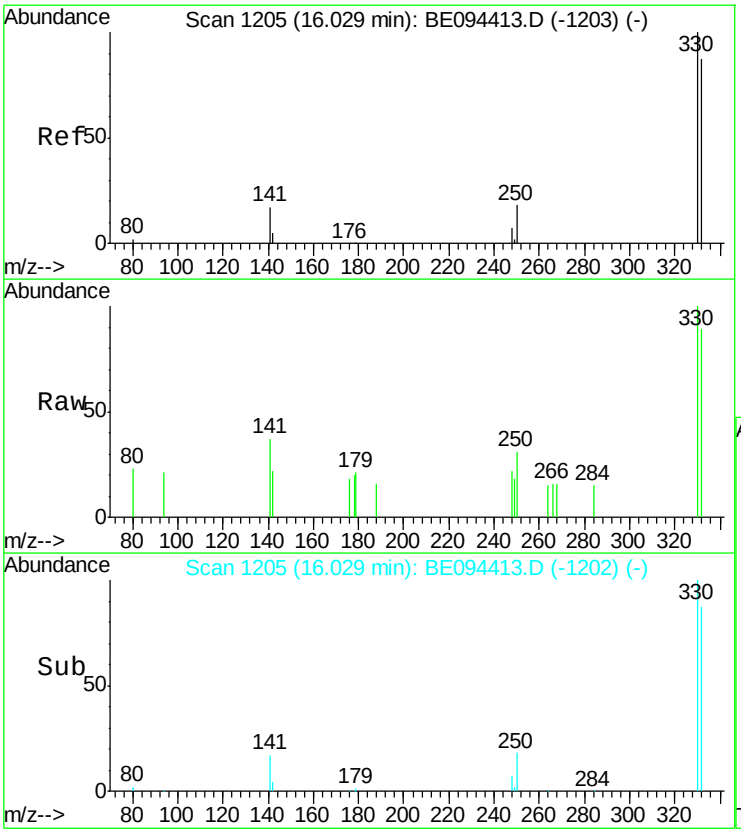
#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.52 min Scan# 1111
Delta R.T. 0.00 min
Lab File: BE094413.D
Acq: 16 Oct 2017 12:24

Instrument :
BNA_E
ClientSampleId :
SSTDICCC0.4

Tgt Ion:164 Resp: 4097

Ion	Ratio	Lower	Upper
164	100		
162	105.4	83.1	124.7
160	47.9	37.1	55.7

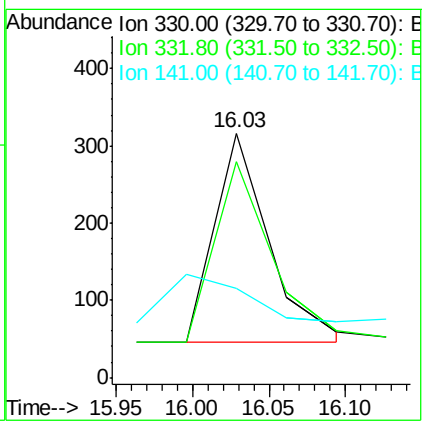


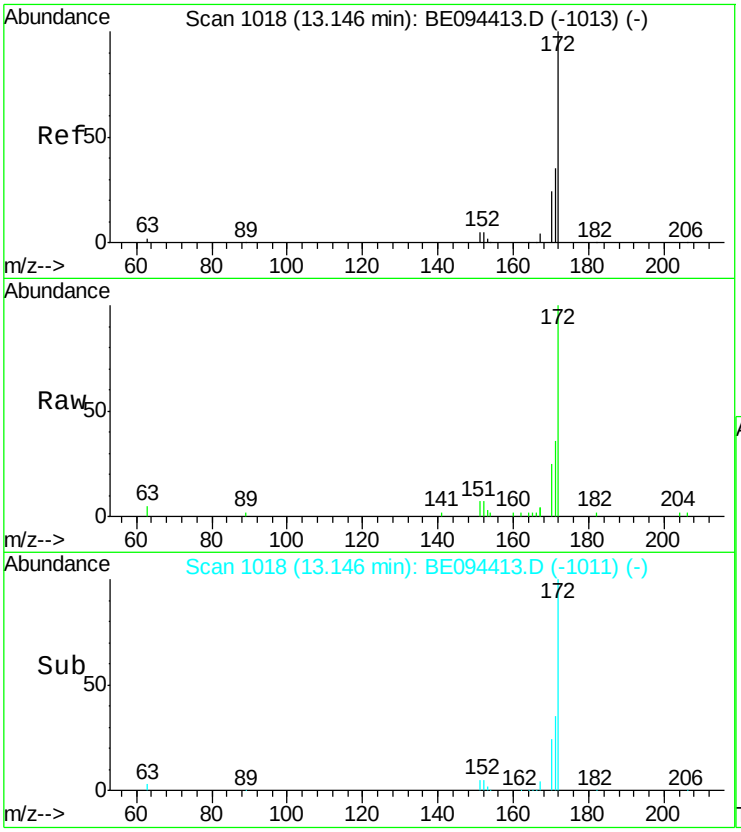


#14
2,4,6-Tribromophenol
Concen: 0.253 ng
RT: 16.03 min Scan# 1205
Delta R.T. 0.00 min
Lab File: BE094413.D
Acq: 16 Oct 2017 12:24

Tgt Ion:330 Resp: 665

Ion	Ratio	Lower	Upper
330	100		
332	92.6	152.7	229.1#
141	0.0	33.7	50.5#



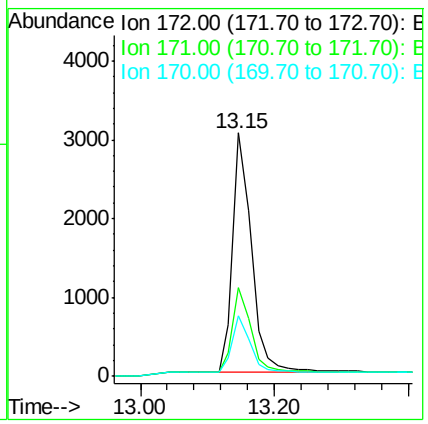


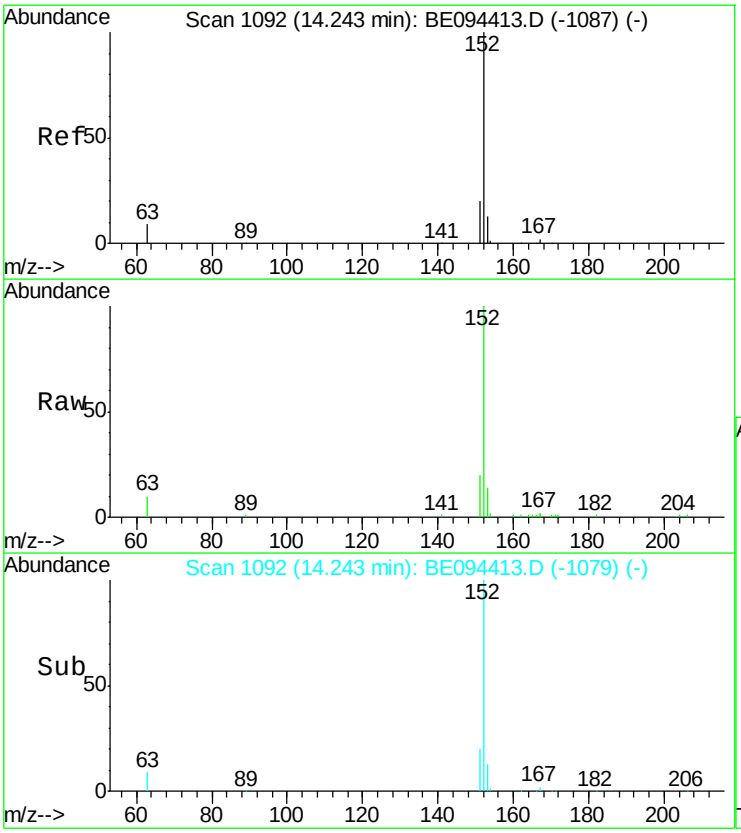
#15
2-Fluorobiphenyl
Concen: 0.443 ng
RT: 13.15 min Scan# 1018
Delta R.T. 0.00 min
Lab File: BE094413.D
Acq: 16 Oct 2017 12:24

Instrument :
BNA_E
ClientSampleId :
SSTDICCC0.4

Tgt Ion:172 Resp: 6001

Ion	Ratio	Lower	Upper
172	100		
171	36.4	29.9	44.9
170	24.8	21.8	32.8

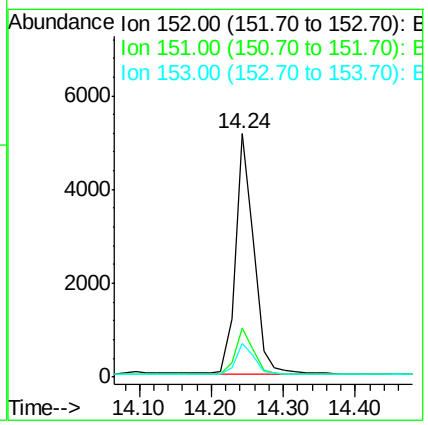


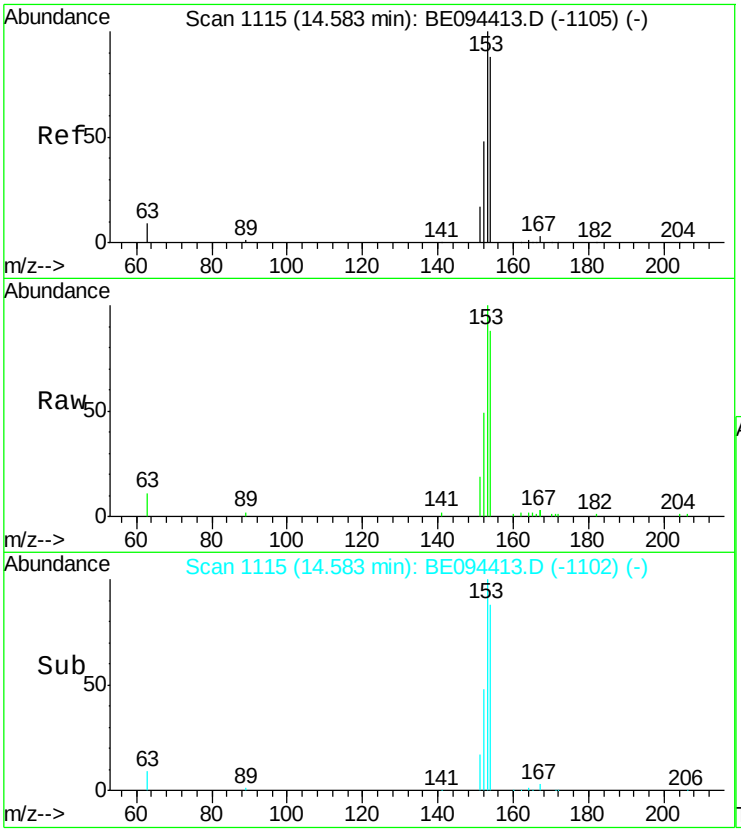


#16
Acenaphthylene
Concen: 0.436 ng
RT: 14.24 min Scan# 1092
Delta R.T. 0.00 min
Lab File: BE094413.D
Acq: 16 Oct 2017 12:24

Tgt Ion:152 Resp: 8945

Ion	Ratio	Lower	Upper
152	100		
151	19.3	15.7	23.5
153	13.1	10.5	15.7



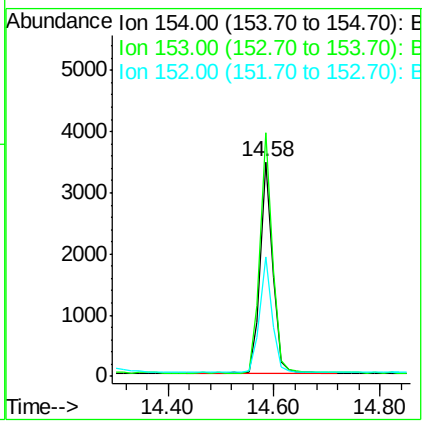


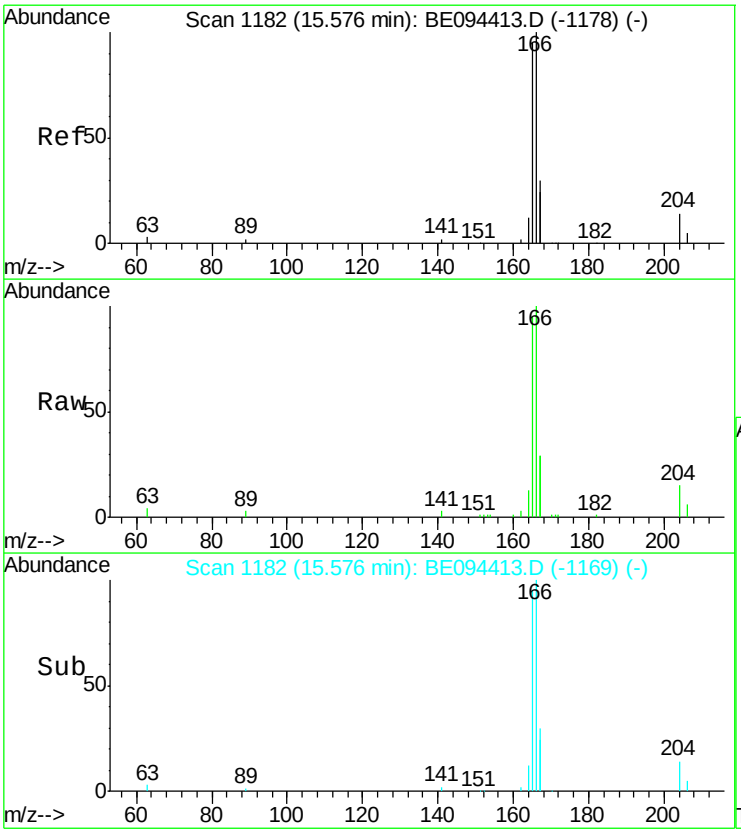
#17
Acenaphthene
Concen: 0.435 ng
RT: 14.58 min Scan# 1115
Delta R.T. 0.00 min
Lab File: BE094413.D
Acq: 16 Oct 2017 12:24

Instrument :
BNA_E
ClientSampleId :
SSTDICCC0.4

Tgt Ion:154 Resp: 5586

Ion	Ratio	Lower	Upper
154	100		
153	112.1	89.2	133.8
152	54.0	42.0	63.0

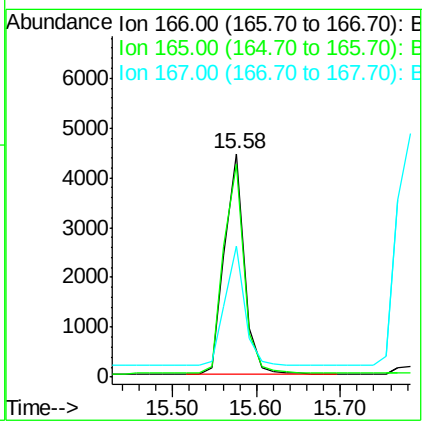


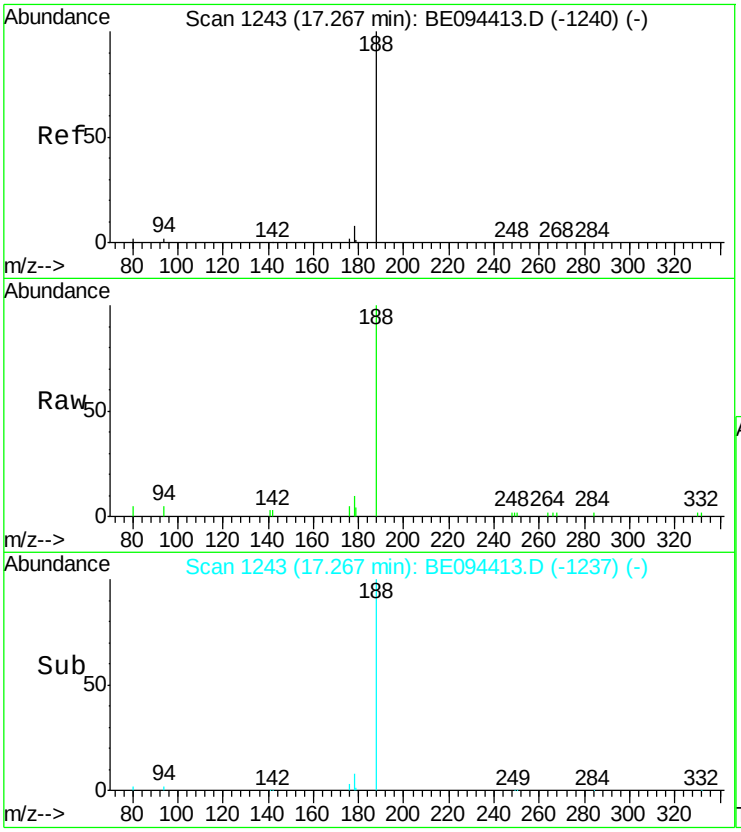


#18
Fluorene
Concen: 0.414 ng
RT: 15.58 min Scan# 1182
Delta R.T. 0.00 min
Lab File: BE094413.D
Acq: 16 Oct 2017 12:24

Tgt Ion:166 Resp: 7204

Ion	Ratio	Lower	Upper
166	100		
165	98.1	77.8	116.6
167	54.0	42.4	63.6



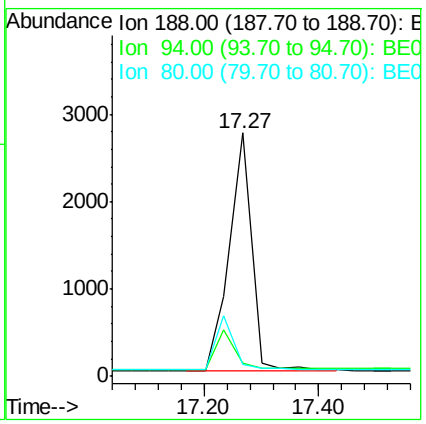


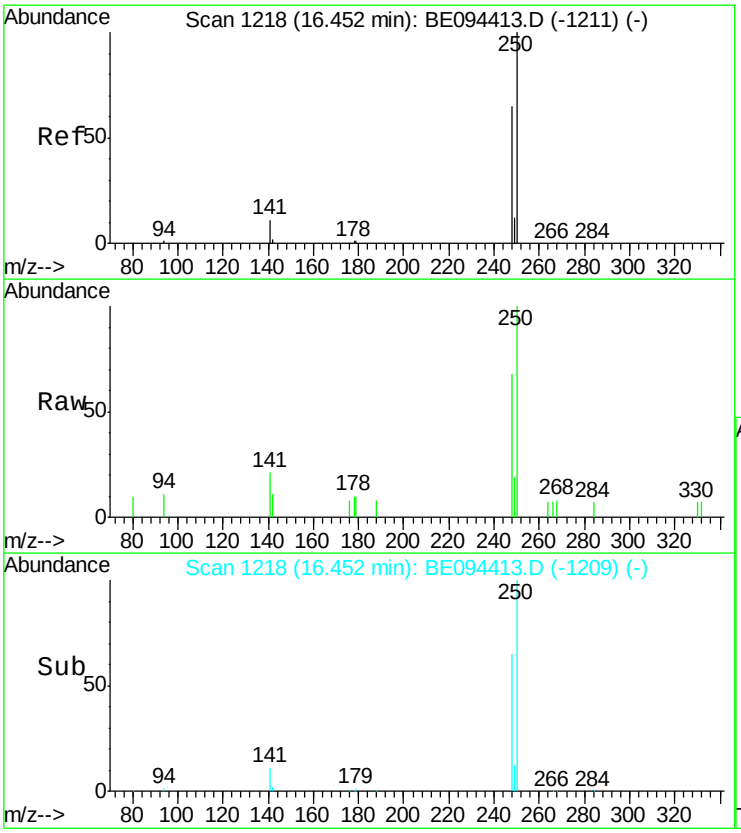
#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.27 min Scan# 1243
Delta R.T. 0.00 min
Lab File: BE094413.D
Acq: 16 Oct 2017 12:24

Instrument :
BNA_E
ClientSampleId :
SSTDICCC0.4

Tgt Ion:188 Resp: 7401

Ion	Ratio	Lower	Upper
188	100		
94	5.2	3.9	5.9
80	4.8	3.6	5.4

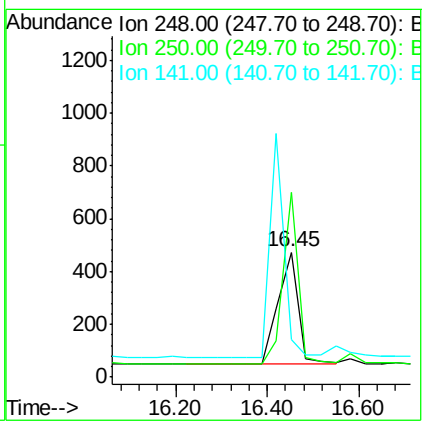


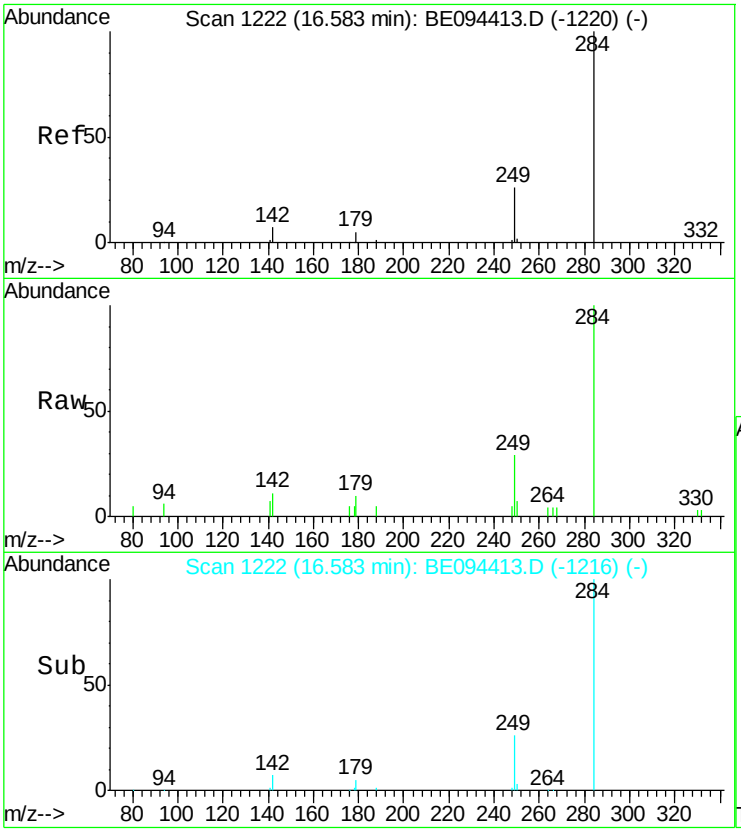


#20
4-Bromophenyl-phenylether
Concen: 0.438 ng
RT: 16.45 min Scan# 1218
Delta R.T. 0.00 min
Lab File: BE094413.D
Acq: 16 Oct 2017 12:24

Tgt Ion:248 Resp: 1330

Ion	Ratio	Lower	Upper
248	100		
250	148.0	62.7	94.1#
141	30.4	48.2	72.2#



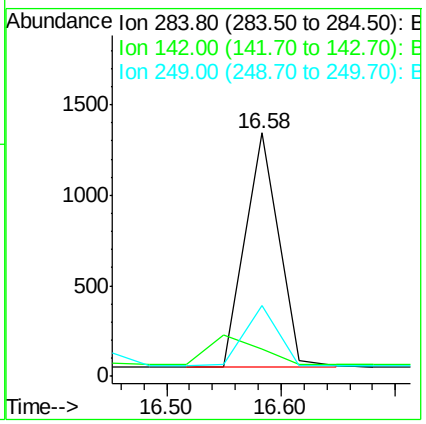


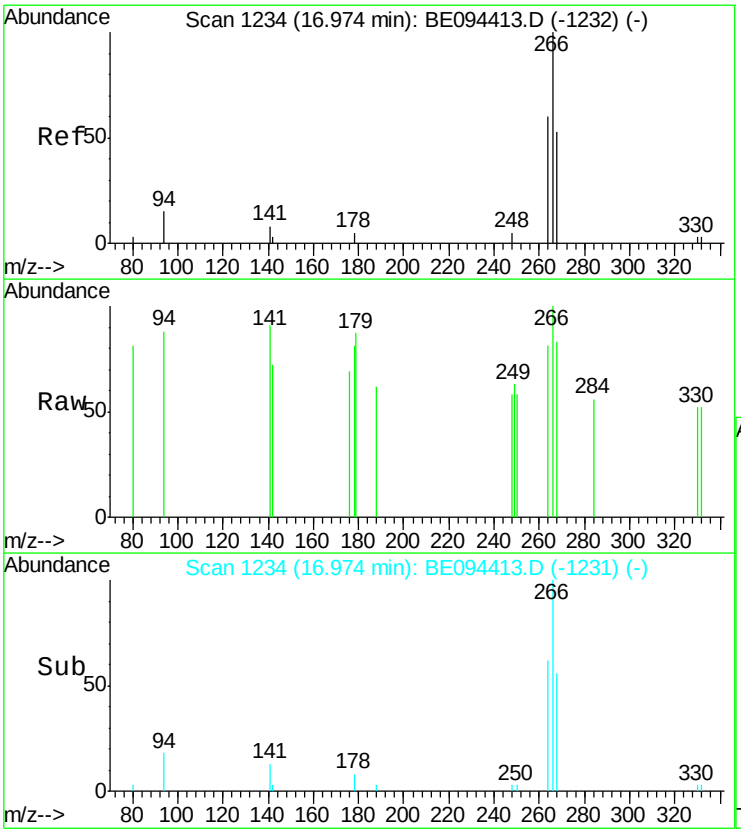
#21
Hexachlorobenzene
Concen: 1.371 ng
RT: 16.58 min Scan# 1222
Delta R.T. 0.00 min
Lab File: BE094413.D
Acq: 16 Oct 2017 12:24

Instrument :
BNA_E
ClientSampleId :
SSTDICCC0.4

Tgt Ion:284 Resp: 2627

Ion	Ratio	Lower	Upper
284	100		
142	0.0	22.1	33.1#
249	26.3	34.8	52.2#

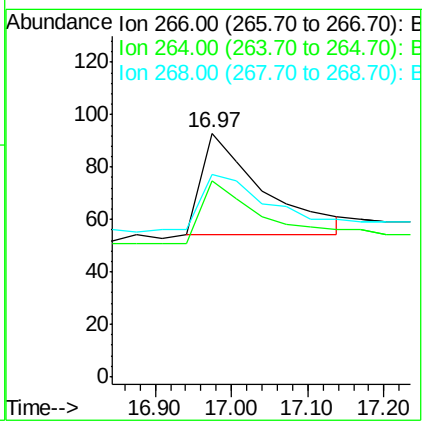


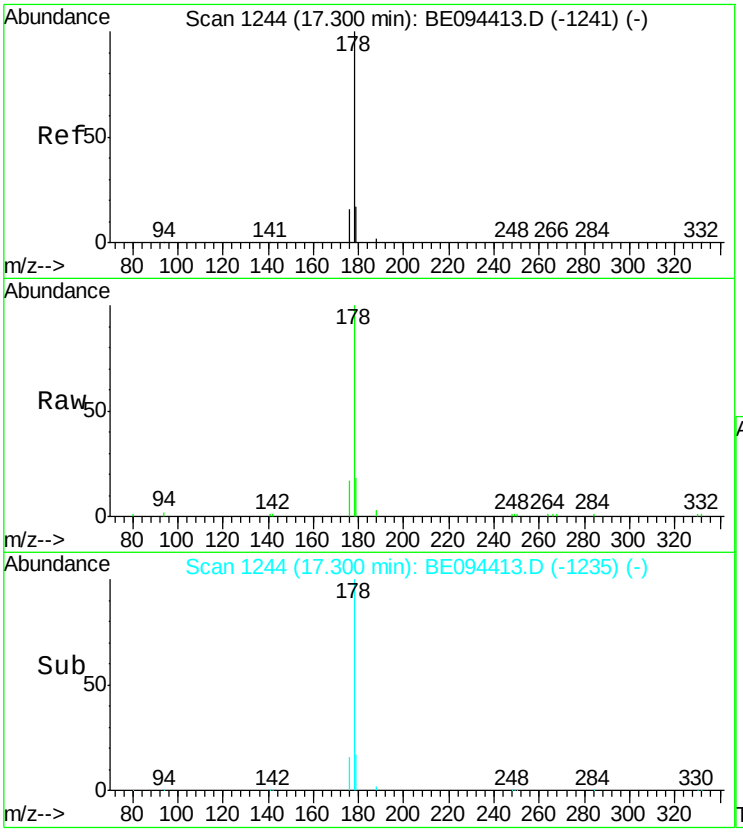


#22
Pentachlorophenol
Concen: 0.125 ng
RT: 16.97 min Scan# 1234
Delta R.T. 0.00 min
Lab File: BE094413.D
Acq: 16 Oct 2017 12:24

Tgt Ion:266 Resp: 219

Ion	Ratio	Lower	Upper
266	100		
264	80.6	72.5	108.7
268	82.8	73.8	110.6



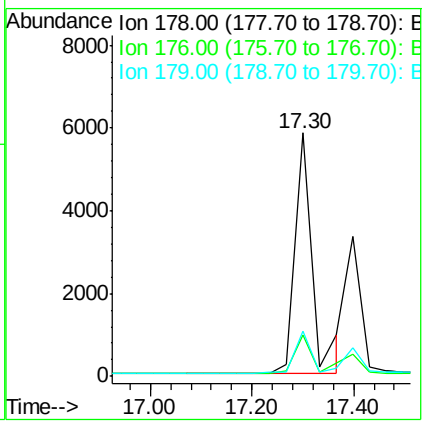


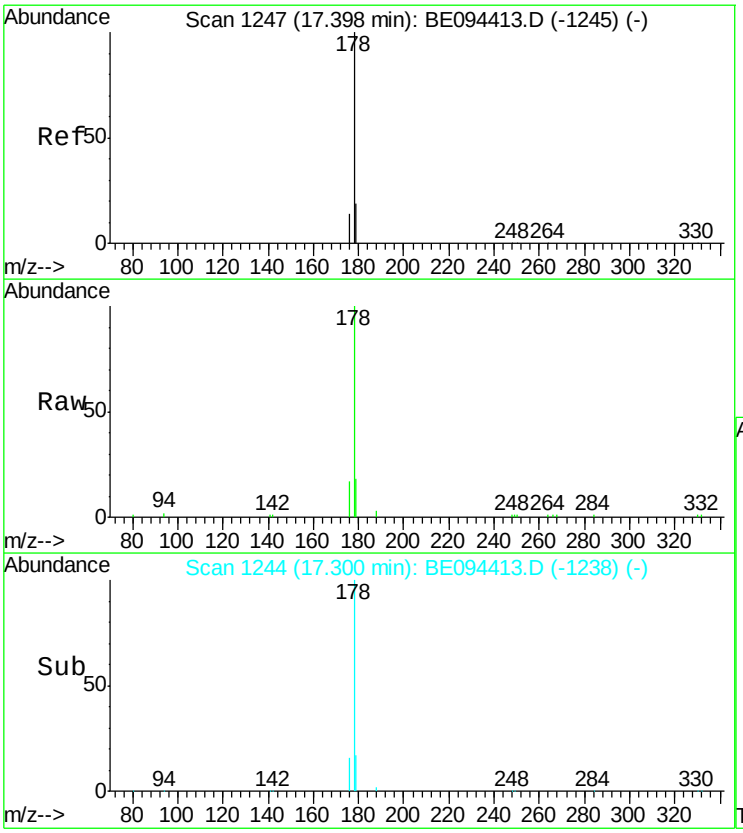
#23
Phenanthrene
Concen: 0.732 ng
RT: 17.30 min Scan# 1244
Delta R.T. 0.00 min
Lab File: BE094413.D
Acq: 16 Oct 2017 12:24

Instrument :
BNA_E
ClientSampleId :
SSTDICCC0.4

Tgt Ion:178 Resp: 13868

Ion	Ratio	Lower	Upper
178	100		
176	18.2	15.1	22.7
179	16.8	11.8	17.6

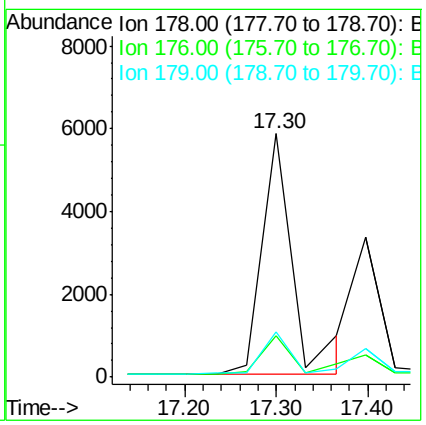


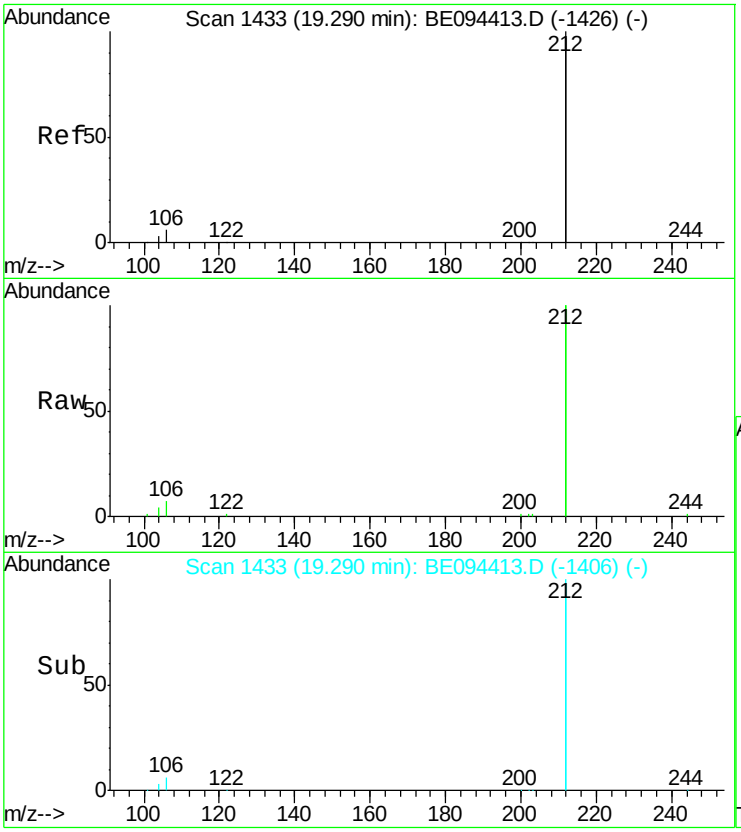


#24
Anthracene
Concen: 0.697 ng
RT: 17.30 min Scan# 1244
Delta R.T. -0.10 min
Lab File: BE094413.D
Acq: 16 Oct 2017 12:24

Tgt Ion:178 Resp: 13839

Ion	Ratio	Lower	Upper
178	100		
176	17.9	12.8	19.2
179	16.5	13.0	19.6



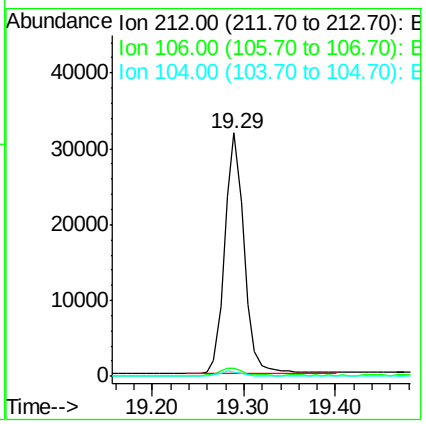


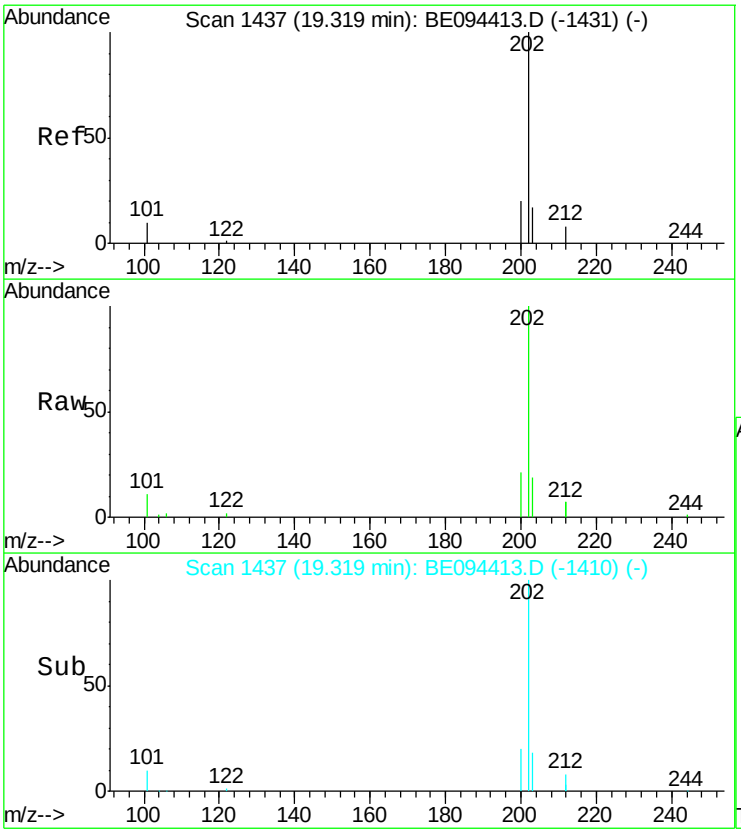
#25
Fluoranthene-d10
Concen: 0.640 ng
RT: 19.29 min Scan# 1433
Delta R.T. 0.00 min
Lab File: BE094413.D
Acq: 16 Oct 2017 12:24

Instrument :
BNA_E
ClientSampleId :
SSTDICCC0.4

Tgt Ion:212 Resp: 45842

Ion	Ratio	Lower	Upper
212	100		
106	3.4	2.8	4.2
104	1.9	1.6	2.4

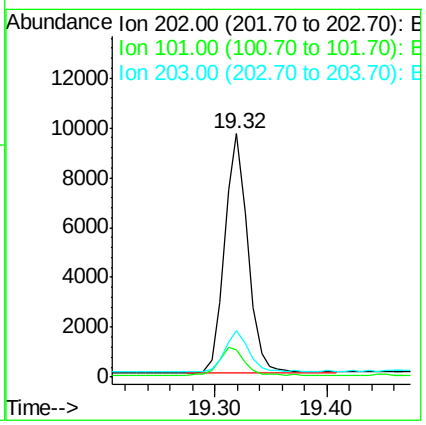


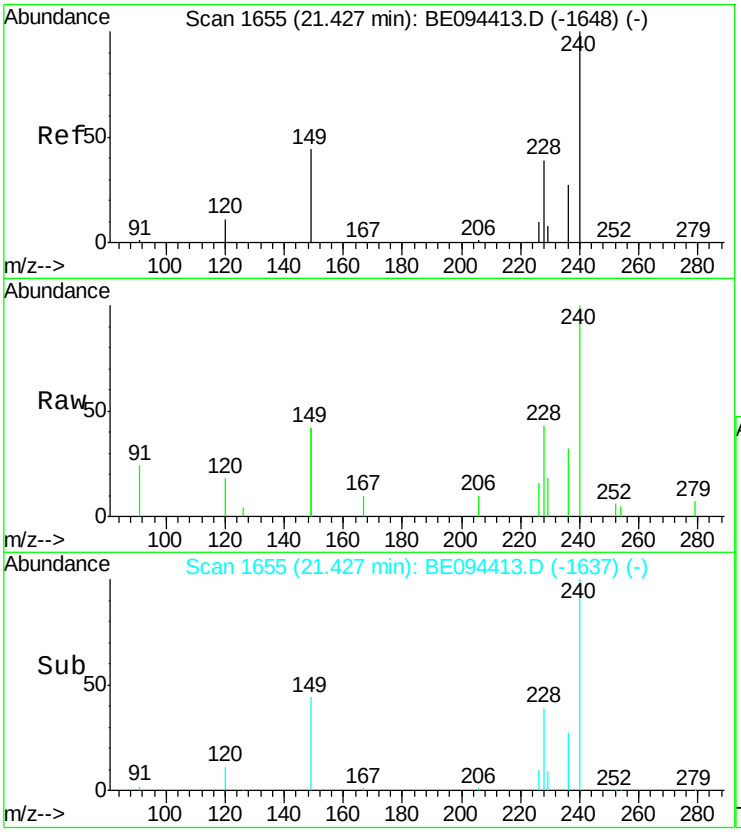


#26
Fluoranthene
Concen: 0.649 ng
RT: 19.32 min Scan# 1437
Delta R.T. 0.00 min
Lab File: BE094413.D
Acq: 16 Oct 2017 12:24

Tgt Ion:202 Resp: 13775

Ion	Ratio	Lower	Upper
202	100		
101	11.9	9.8	14.8
203	17.7	13.7	20.5



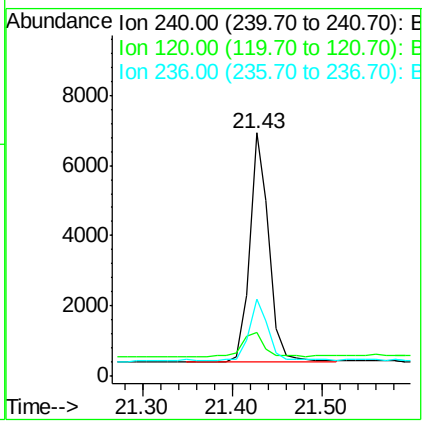


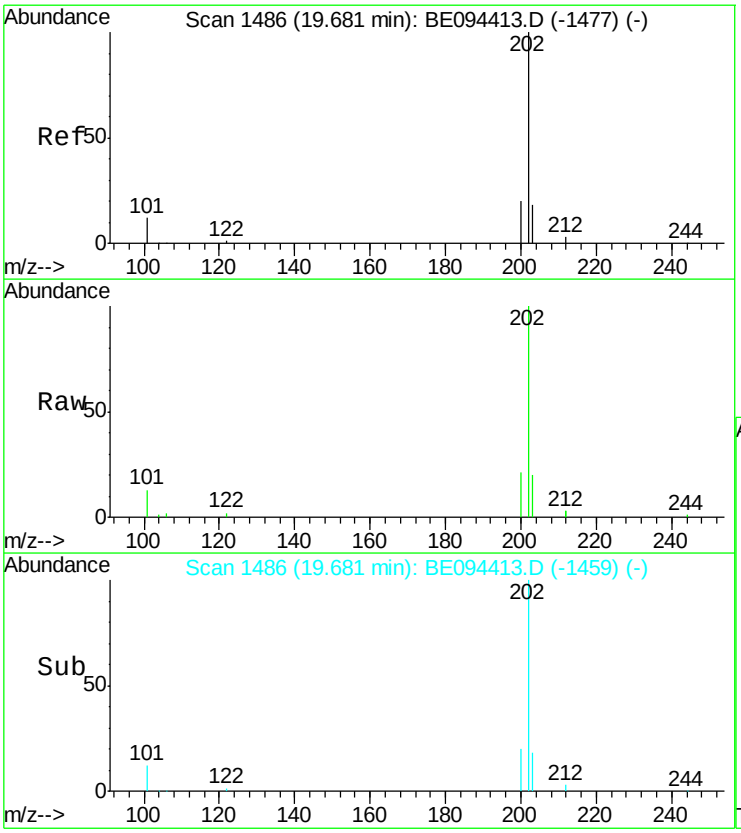
#27
Chrysene-d12
Concen: 0.400 ng
RT: 21.43 min Scan# 1655
Delta R.T. 0.00 min
Lab File: BE094413.D
Acq: 16 Oct 2017 12:24

Instrument :
BNA_E
ClientSampleId :
SSTDICCC0.4

Tgt Ion:240 Resp: 9745

Ion	Ratio	Lower	Upper
240	100		
120	17.9	5.5	8.3#
236	31.9	20.7	31.1#

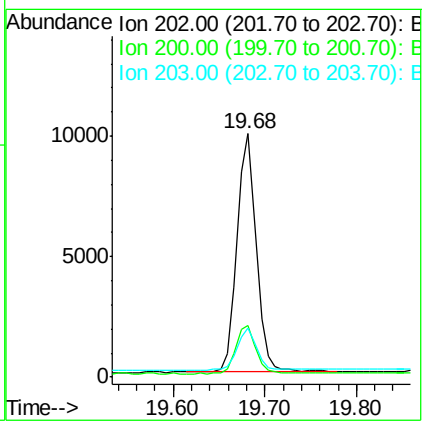


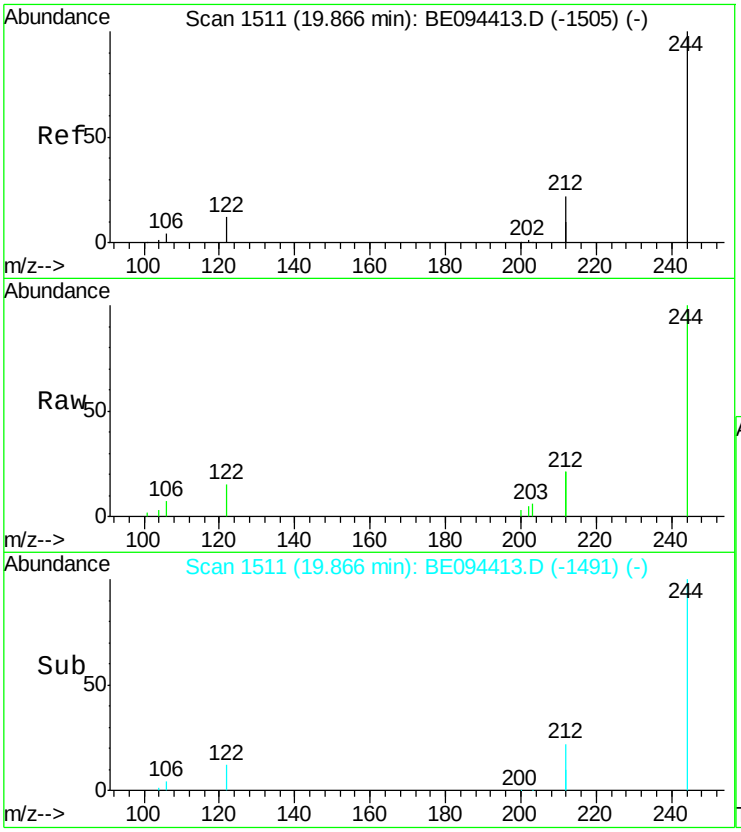


#28
Pyrene
Concen: 0.471 ng
RT: 19.68 min Scan# 1486
Delta R.T. 0.00 min
Lab File: BE094413.D
Acq: 16 Oct 2017 12:24

Tgt Ion:202 Resp: 14555

Ion	Ratio	Lower	Upper
202	100		
200	21.3	16.6	25.0
203	18.5	13.8	20.8



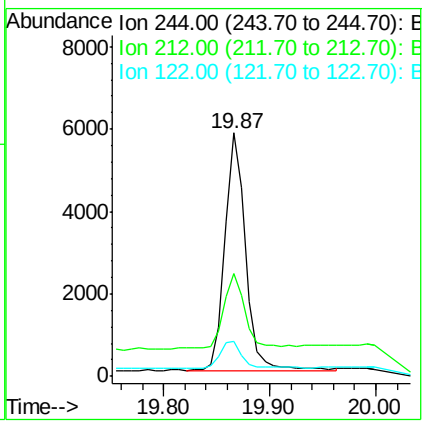


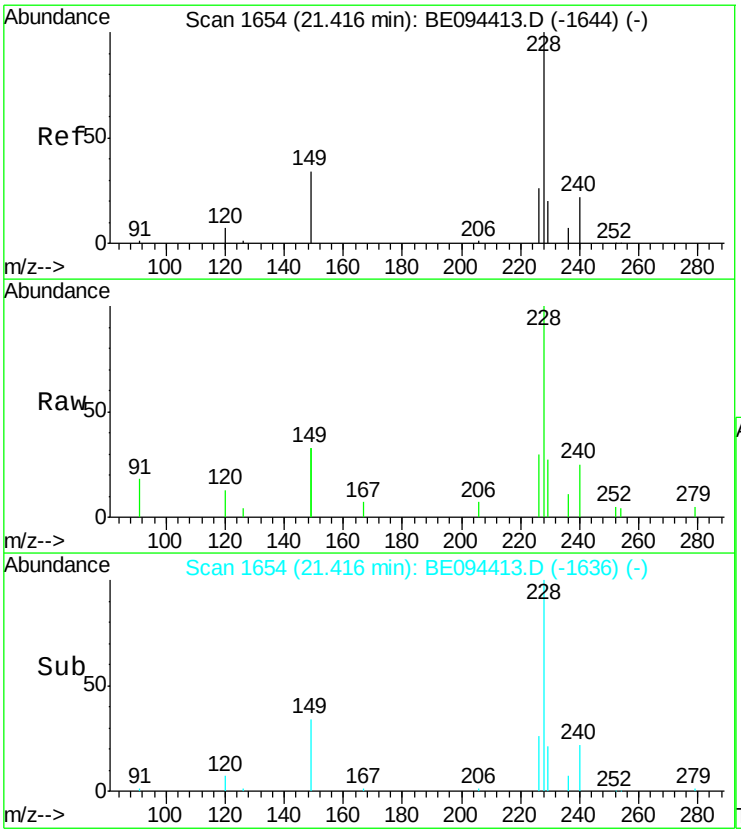
#29
Terphenyl-d14
Concen: 0.446 ng
RT: 19.87 min Scan# 1511
Delta R.T. 0.00 min
Lab File: BE094413.D
Acq: 16 Oct 2017 12:24

Instrument :
BNA_E
ClientSampleId :
SSTDICCC0.4

Tgt Ion:244 Resp: 7922

Ion	Ratio	Lower	Upper
244	100		
212	42.4	25.4	38.0#
122	14.6	8.1	12.1#

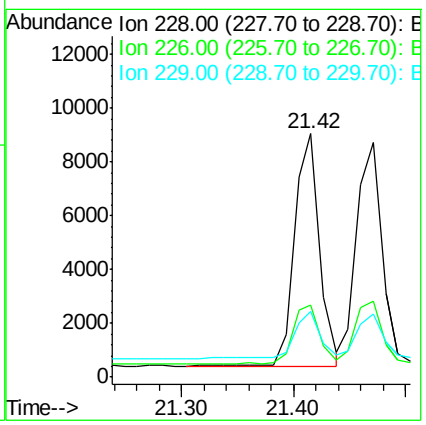


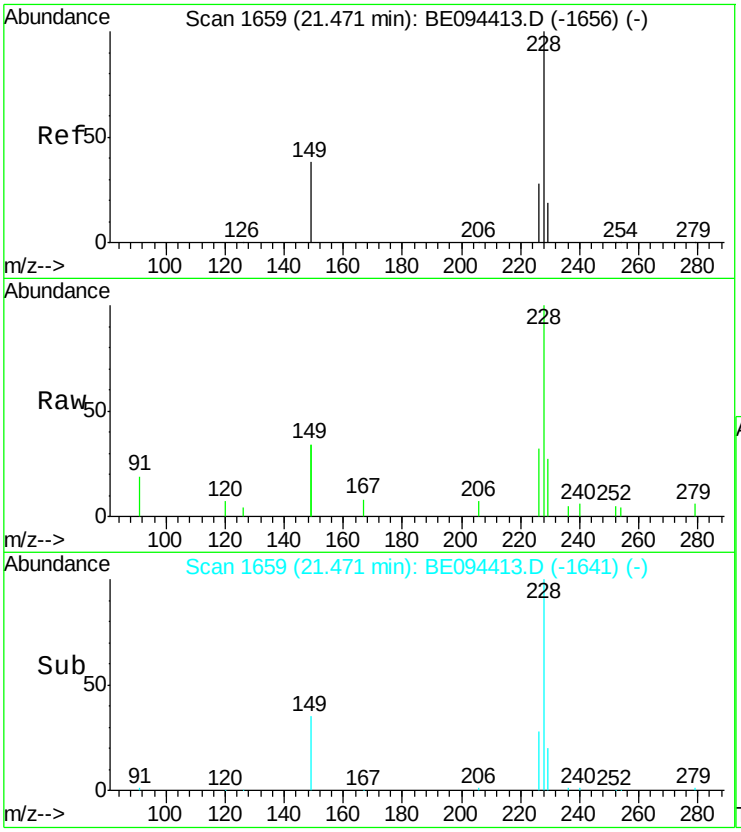


#30
Benzo(a)anthracene
Concen: 0.407 ng
RT: 21.42 min Scan# 1654
Delta R.T. 0.00 min
Lab File: BE094413.D
Acq: 16 Oct 2017 12:24

Tgt Ion:228 Resp: 13351

Ion	Ratio	Lower	Upper
228	100		
226	29.8	40.0	60.0#
229	27.1	40.0	60.0#



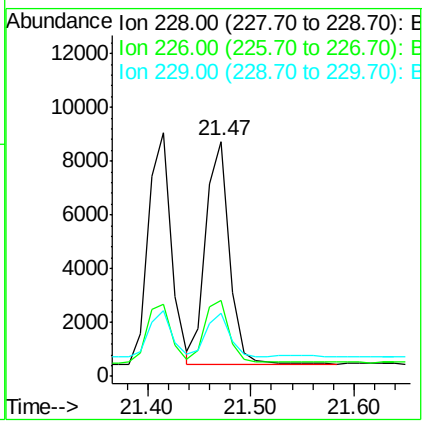


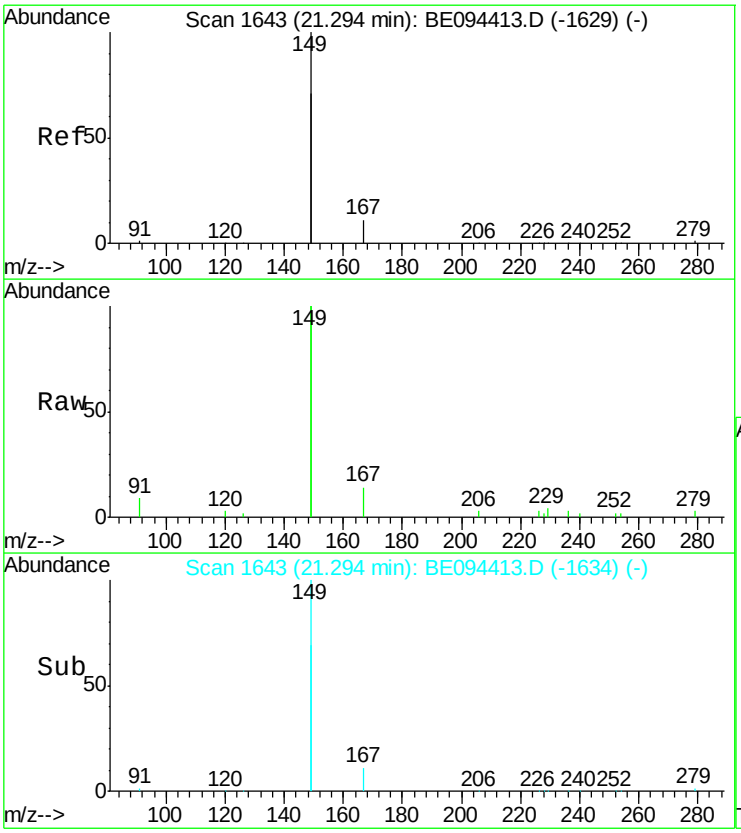
#31
Chrysene
Concen: 0.417 ng
RT: 21.47 min Scan# 1659
Delta R.T. 0.00 min
Lab File: BE094413.D
Acq: 16 Oct 2017 12:24

Instrument :
BNA_E
ClientSampleId :
SSTDICCC0.4

Tgt Ion:228 Resp: 13204

Ion	Ratio	Lower	Upper
228	100		
226	32.3	40.0	60.0#
229	26.8	40.0	60.0#

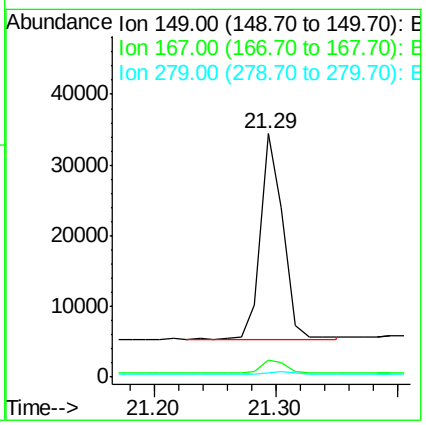


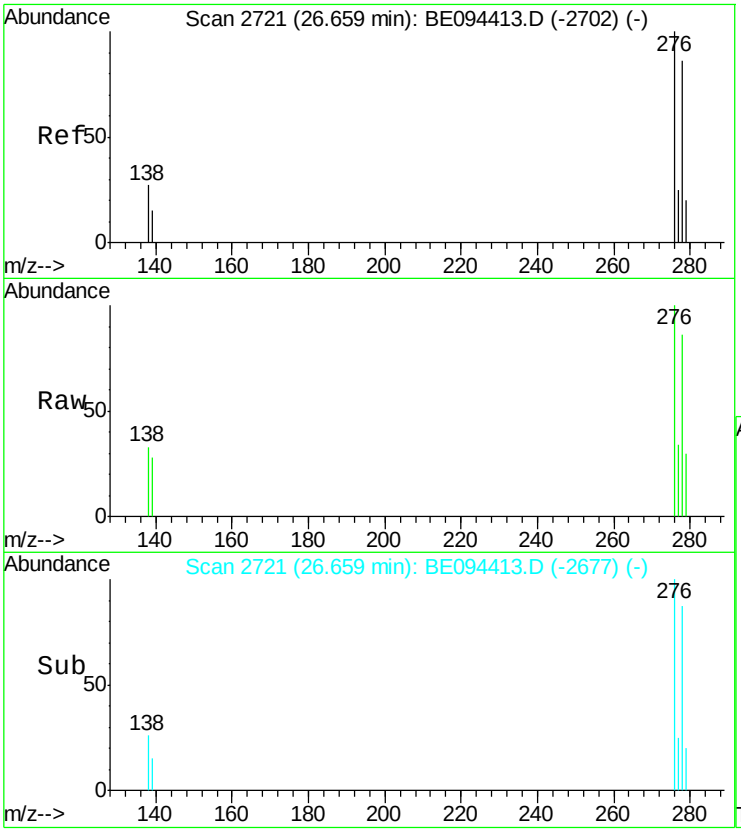


#32
Bis(2-ethylhexyl)phthalate
Concen: 0.238 ng
RT: 21.29 min Scan# 1643
Delta R.T. 0.00 min
Lab File: BE094413.D
Acq: 16 Oct 2017 12:24

Tgt Ion:149 Resp: 37342

Ion	Ratio	Lower	Upper
149	100		
167	6.6	5.4	8.0
279	1.0	0.7	1.1



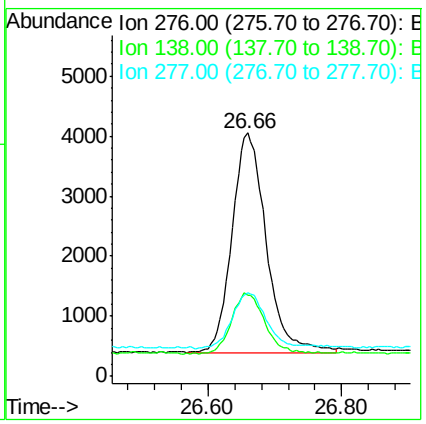


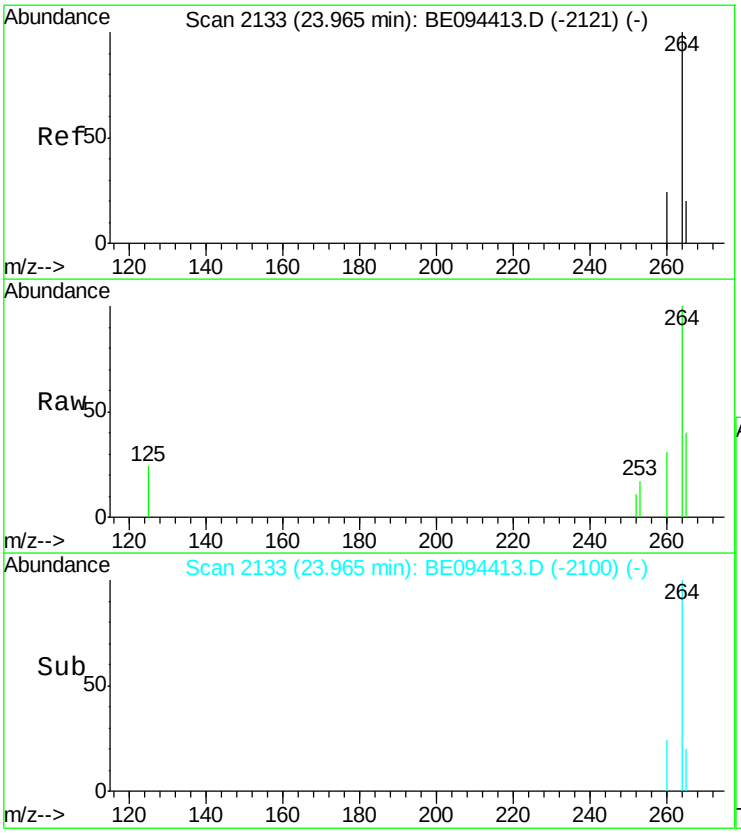
#33
Indeno(1,2,3-cd)pyrene
Concen: 0.383 ng
RT: 26.66 min Scan# 2721
Delta R.T. 0.00 min
Lab File: BE094413.D
Acq: 16 Oct 2017 12:24

Instrument :
BNA_E
ClientSampleId :
SSTDICCC0.4

Tgt Ion:276 Resp: 12987

Ion	Ratio	Lower	Upper
276	100		
138	26.6	22.5	33.7
277	25.7	19.9	29.9

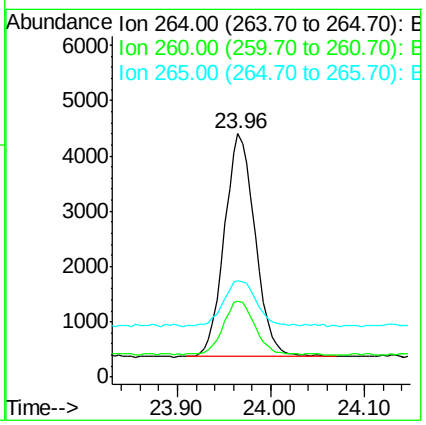


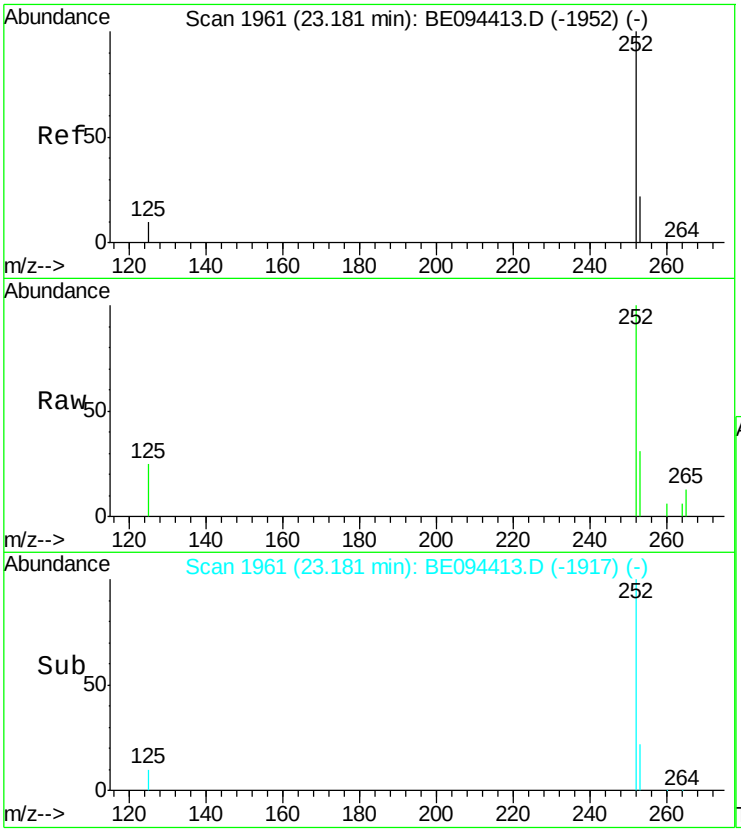


#34
Perylene-d12
Concen: 0.400 ng
RT: 23.96 min Scan# 2133
Delta R.T. 0.00 min
Lab File: BE094413.D
Acq: 16 Oct 2017 12:24

Tgt Ion:264 Resp: 9186

Ion	Ratio	Lower	Upper
264	100		
260	31.4	20.5	30.7#
265	39.6	22.8	34.2#



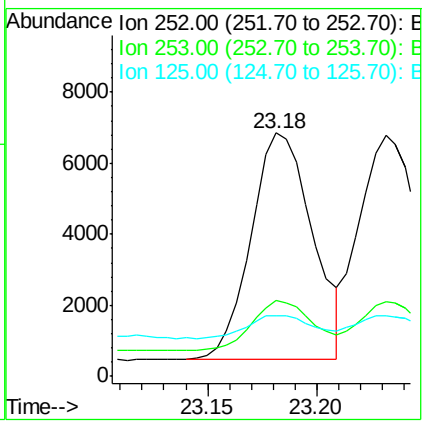


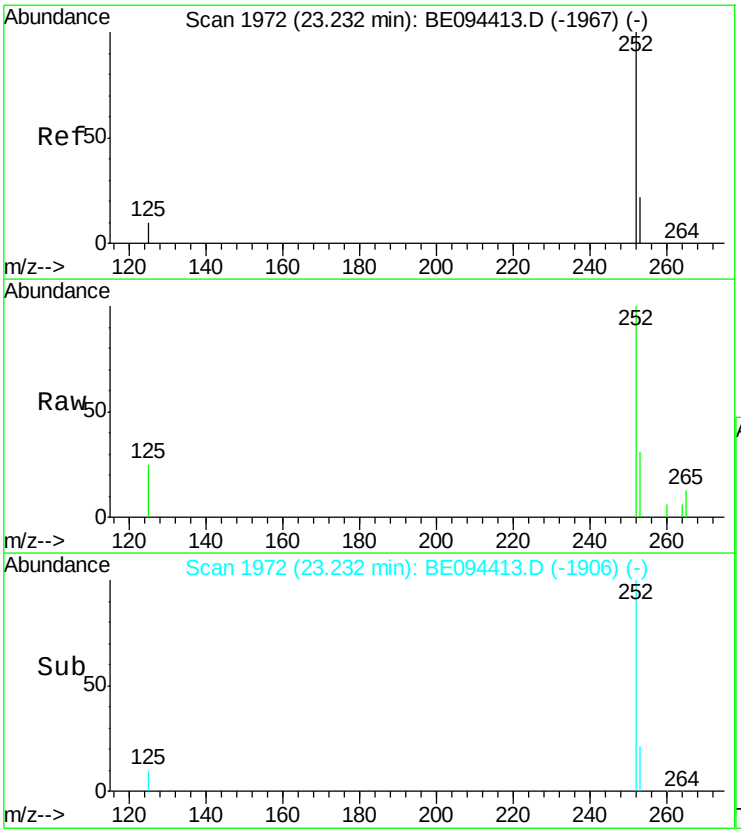
#35
Benzo(b)fluoranthene
Concen: 0.377 ng
RT: 23.18 min Scan# 1961
Delta R.T. 0.00 min
Lab File: BE094413.D
Acq: 16 Oct 2017 12:24

Instrument :
BNA_E
ClientSampleId :
SSTDICCC0.4

Tgt Ion:252 Resp: 12505

Ion	Ratio	Lower	Upper
252	100		
253	31.3	48.0	72.0#
125	25.0	56.0	84.0#

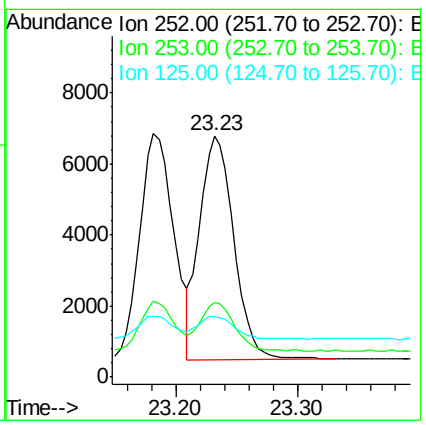


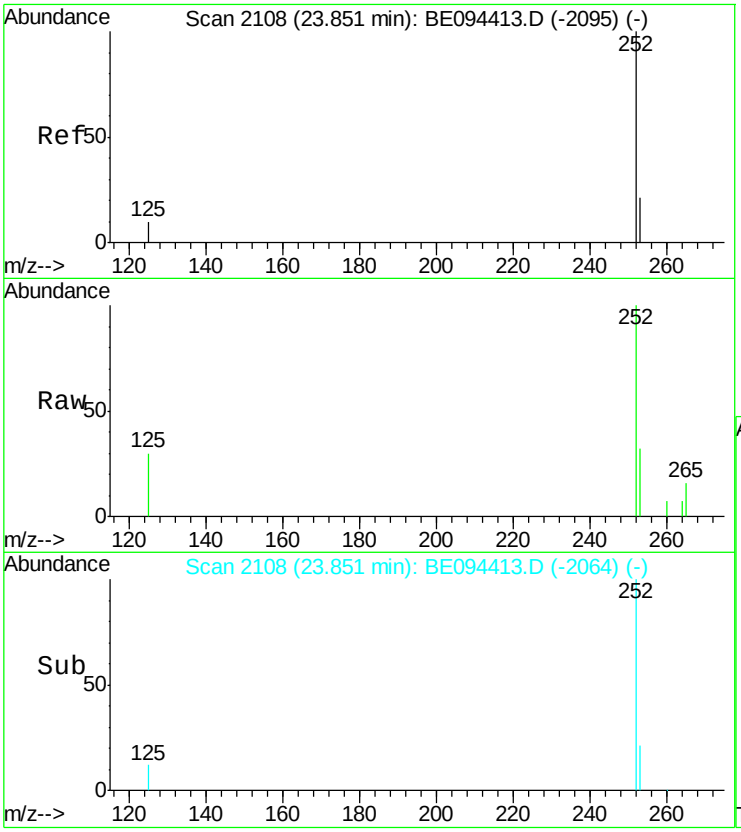


#36
Benzo(k)fluoranthene
Concen: 0.393 ng
RT: 23.23 min Scan# 1972
Delta R.T. 0.00 min
Lab File: BE094413.D
Acq: 16 Oct 2017 12:24

Tgt Ion:252 Resp: 12463

Ion	Ratio	Lower	Upper
252	100		
253	30.8	48.0	72.0#
125	25.3	56.0	84.0#



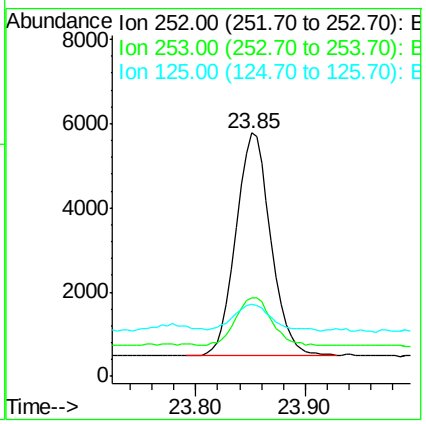


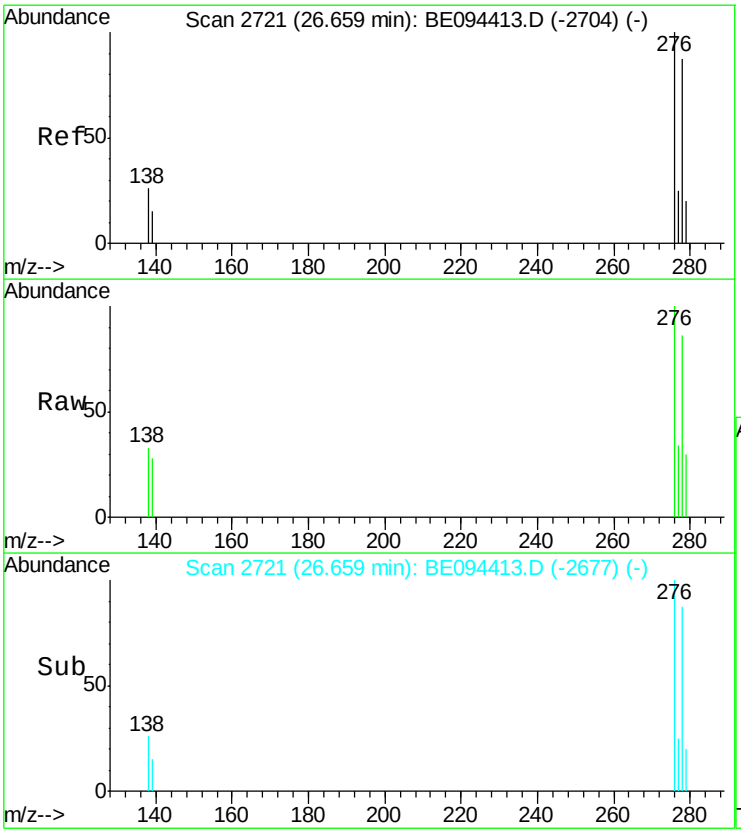
#37
Benzo(a)pyrene
Concen: 0.393 ng
RT: 23.85 min Scan# 2108
Delta R.T. 0.00 min
Lab File: BE094413.D
Acq: 16 Oct 2017 12:24

Instrument :
BNA_E
ClientSampleId :
SSTDICCC0.4

Tgt Ion:252 Resp: 11758

Ion	Ratio	Lower	Upper
252	100		
253	32.3	52.0	78.0#
125	29.6	68.0	102.0#

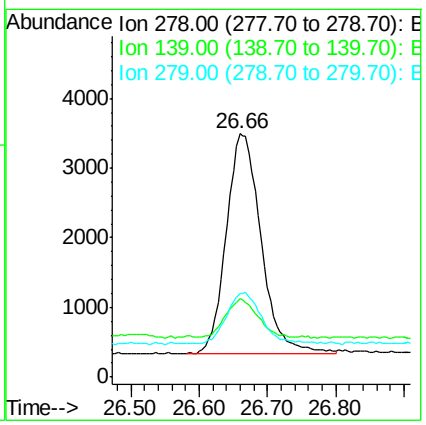


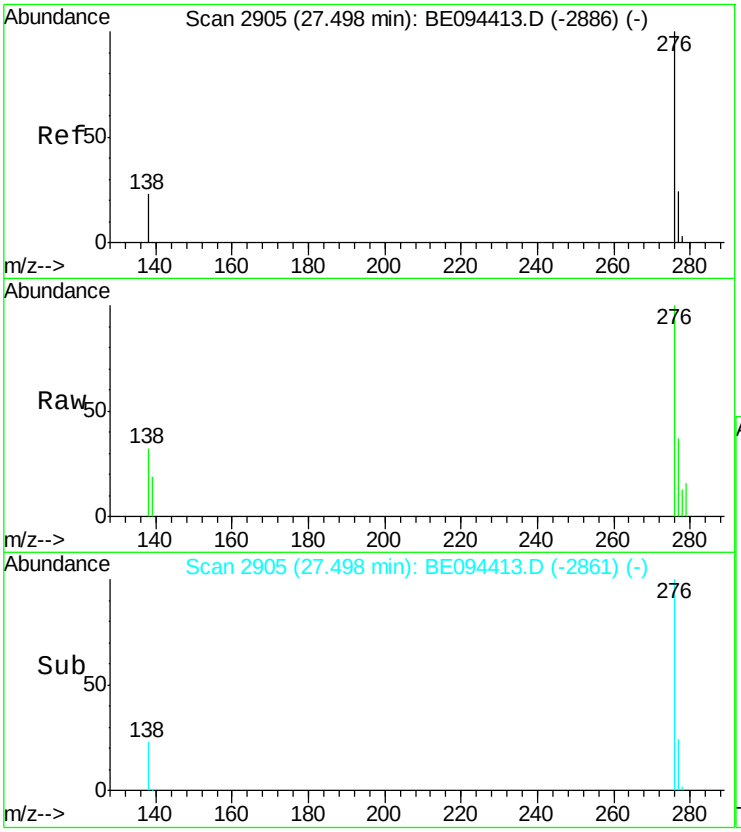


#38
Dibenzo(a,h)anthracene
Concen: 0.396 ng
RT: 26.66 min Scan# 2721
Delta R.T. 0.00 min
Lab File: BE094413.D
Acq: 16 Oct 2017 12:24

Tgt Ion:278 Resp: 11229

Ion	Ratio	Lower	Upper
278	100		
139	32.2	56.0	84.0#
279	34.4	52.0	78.0#





#39
Benzo(g,h,i)perylene
Concen: 0.384 ng
RT: 27.50 min Scan# 2905
Delta R.T. 0.00 min
Lab File: BE094413.D
Acq: 16 Oct 2017 12:24

Instrument :
BNA_E
ClientSampleId :
SSTDICCC0.4

Tgt Ion:276 Resp: 10787

Ion	Ratio	Lower	Upper
276	100		
277	36.6	52.0	78.0#
138	32.2	44.0	66.0#