Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA E\DATA\BE112717\
Data File : BE094863.D
Acq On : 27 Nov 2017 9:23
Operator : SJ/JU
Sample : SSTDCCC0.4
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument : BNA_E
ClientSampleId :

Quant Time: Nov 27 11:24:32 2017
Quant Method : Z:\HPCHEM1\BNA E\METHODS\8270-SIM-BE102317.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Oct 23 22:40:47 2017
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.92	152	567	0.40	ng		0.01
7) Naphthalene-d8	10.71	136	3817	0.40	ng		0.00
13) Acenaphthene-d10	14.51	164	2628	0.40	ng		0.00
19) Phenanthrene-d10	17.27	188	5460	0.40	ng		0.03
27) Chrysene-d12	21.43	240	7315	0.40	ng		0.00
34) Perylene-d12	23.97	264	6956	0.40	ng		0.02
System Monitoring Compounds							
4) 2-Fluorophenol	5.61	112	567	0.29	ng		0.09
5) Phenol-d6	7.21	99	1135	0.39	ng		0.08
8) Nitrobenzene-d5	9.15	82	881	0.29	ng		0.07
11) 2-Methylnaphthalene-d10	12.31	152	2342	0.38	ng		0.02
14) 2,4,6-Tribromophenol	16.06	330	270	0.37	ng		0.03
15) 2-Fluorobiphenyl	13.16	172	3140	0.34	ng		0.01
25) Fluoranthene-d10	19.29	212	30317	0.46	ng		0.00
29) Terphenyl-d14	19.86	244	5039	0.37	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.39	88	381	0.397	ng	#	87
3) n-Nitrosodimethylamine	3.75	42	283	0.308	ng	#	63
6) bis(2-Chloroethyl)ether	7.38	93	693	0.306	ng		77
9) Naphthalene	10.76	128	14599	0.338	ng		99
10) Hexachlorobutadiene	10.99	225	614	0.393	ng		99
12) 2-Methylnaphthalene	12.38	142	2681	0.366	ng		94
16) Acenaphthylene	14.24	152	4676	0.337	ng		99
17) Acenaphthene	14.57	154	3233	0.363	ng		99
18) Fluorene	15.56	166	4284	0.375	ng		99
20) 4-Bromophenyl-phenylether	16.42	248	1189	0.400	ng	#	59
21) Hexachlorobenzene	16.58	284	1424	0.546	ng	#	62
22) Pentachlorophenol	17.04	266	61	0.183	ng		97
23) Phenanthrene	17.30	178	6664	0.468	ng		95
24) Anthracene	17.40	178	6915	0.431	ng		98
26) Fluoranthene	19.32	202	9038	0.452	ng	#	97
28) Pyrene	19.68	202	9416	0.368	ng		99
30) Benzo(a)anthracene	21.42	228	8802	0.370	ng	#	62
31) Chrysene	21.47	228	9664	0.400	ng	#	63
32) Bis(2-ethylhexyl)phthalate	21.27	149	19410	0.332	ng	#	99
33) Indeno(1,2,3-cd)pyrene	26.68	276	9062	0.406	ng	#	94
35) Benzo(b)fluoranthene	23.19	252	8679	0.386	ng	#	40
36) Benzo(k)fluoranthene	23.24	252	9163	0.382	ng	#	39
37) Benzo(a)pyrene	23.86	252	8434	0.386	ng	#	34
38) Dibenzo(a,h)anthracene	26.67	278	7760	0.396	ng	#	45
39) Benzo(g,h,i)perylene	27.53	276	7944	0.433	ng	#	53

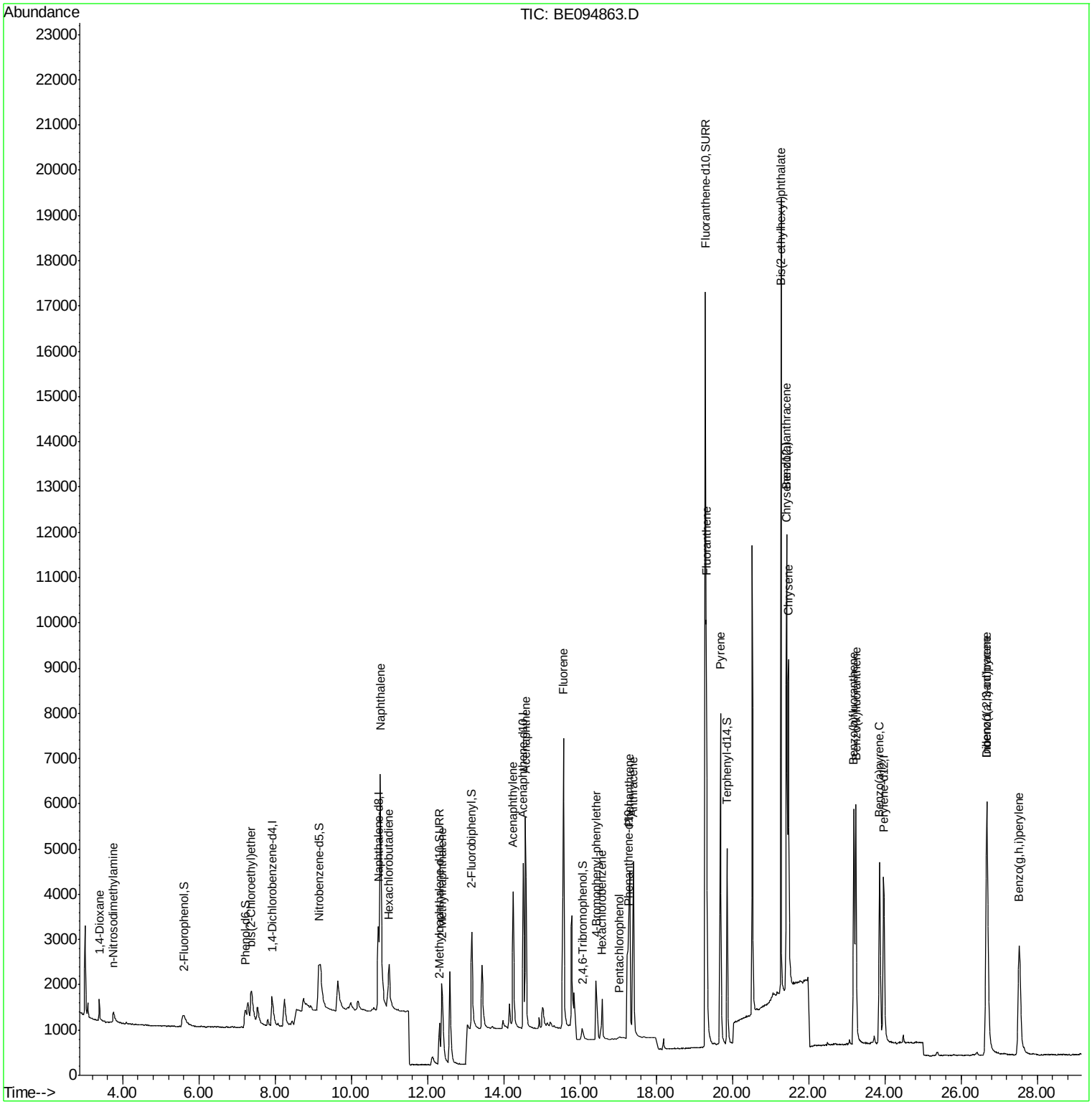
(#) = qualifier out of range (m) = manual integration (+) = signals summed

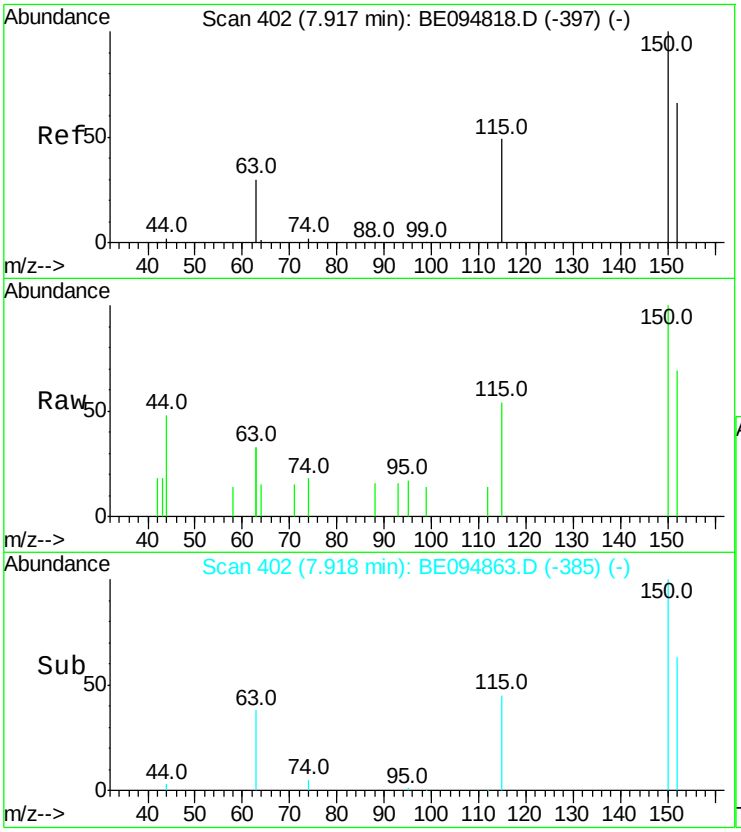
Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA E\DATA\BE112717\
Data File : BE094863.D
Acq On : 27 Nov 2017 9:23
Operator : SJ/JU
Sample : SSTDCCC0.4
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_E
ClientSampleId :

Quant Time: Nov 27 11:24:32 2017
Quant Method : Z:\HPCHEM1\BNA E\METHODS\8270-SIM-BE102317.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Oct 23 22:40:47 2017
Response via : Initial Calibration



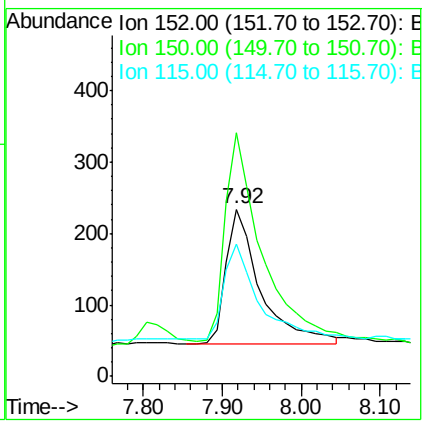


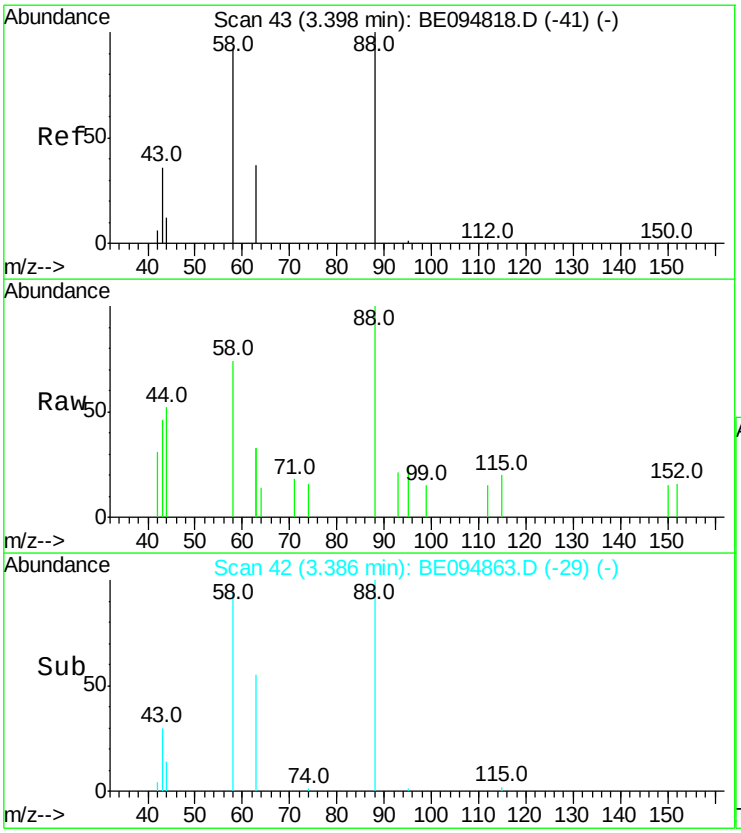
#1
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.92 min Scan# 402
Delta R.T. 0.01 min
Lab File: BE094863.D
Acq: 27 Nov 2017 9:23

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:152 Resp: 567

Ion	Ratio	Lower	Upper
152	100		
150	145.7	117.2	175.8
115	79.1	57.0	85.6

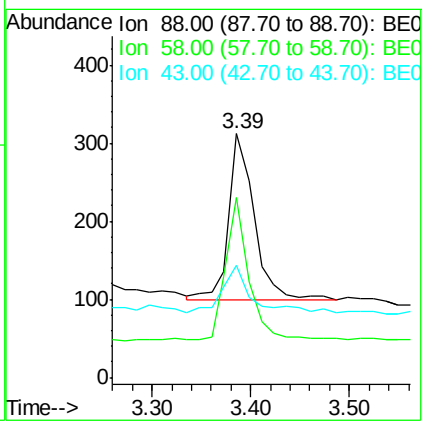


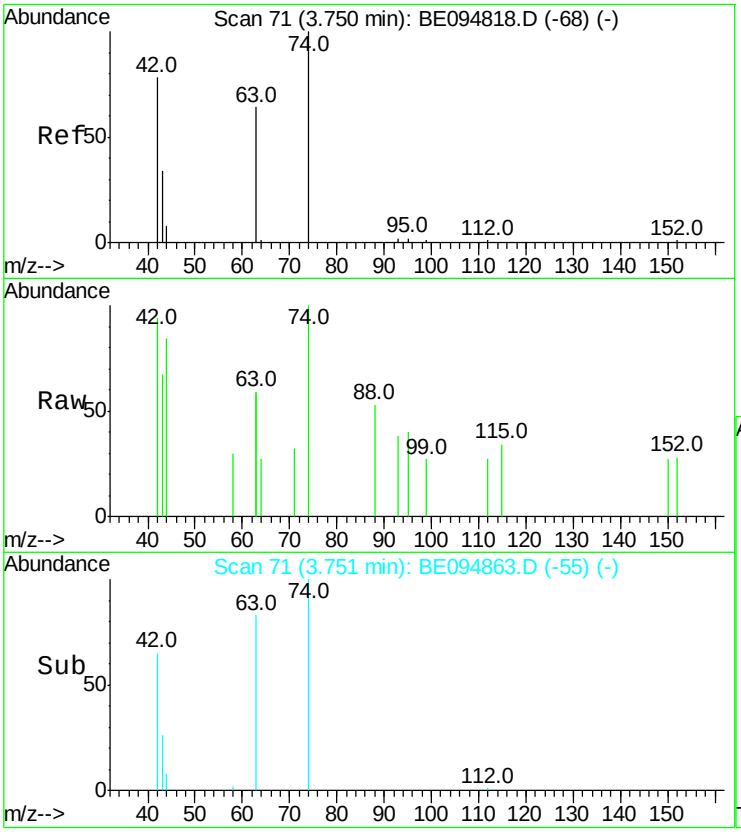


#2
1,4-Dioxane
Concen: 0.397 ng
RT: 3.39 min Scan# 42
Delta R.T. -0.04 min
Lab File: BE094863.D
Acq: 27 Nov 2017 9:23

Tgt Ion: 88 Resp: 381

Ion	Ratio	Lower	Upper
88	100		
58	76.4	63.2	94.8
43	32.5	41.2	61.8#



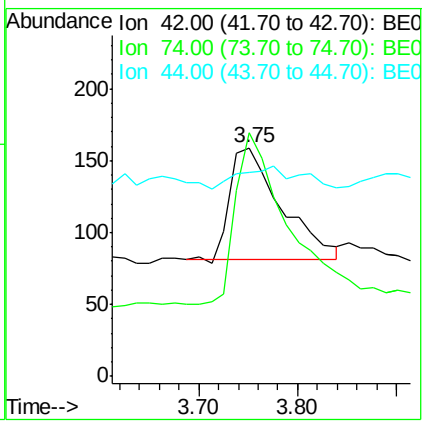


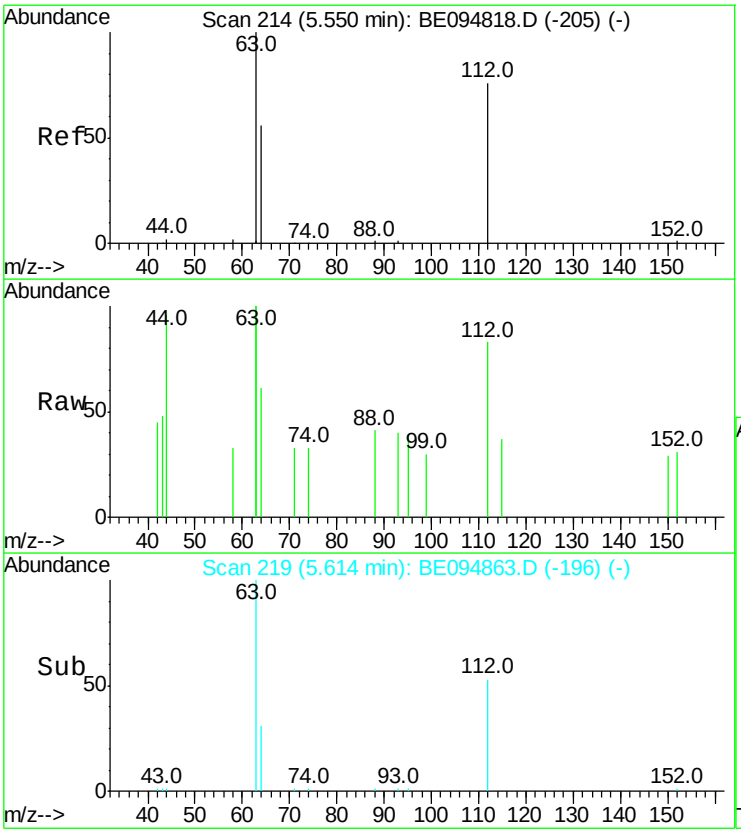
#3
n-Nitrosodimethylamine
Concen: 0.308 ng
RT: 3.75 min Scan# 71
Delta R.T. -0.00 min
Lab File: BE094863.D
Acq: 27 Nov 2017 9:23

Instrument :
BNA_E
ClientSampleId :

Tgt Ion: 42 Resp: 283

Ion	Ratio	Lower	Upper
42	100		
74	165.4	100.3	150.5#
44	0.0	17.0	25.4#

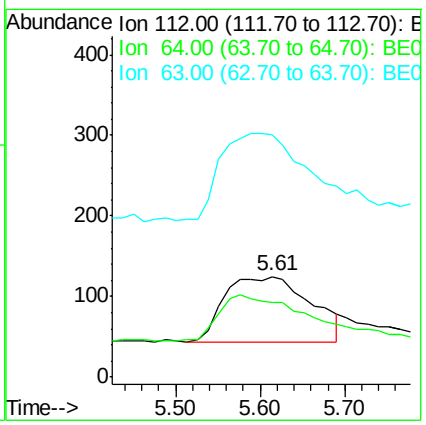


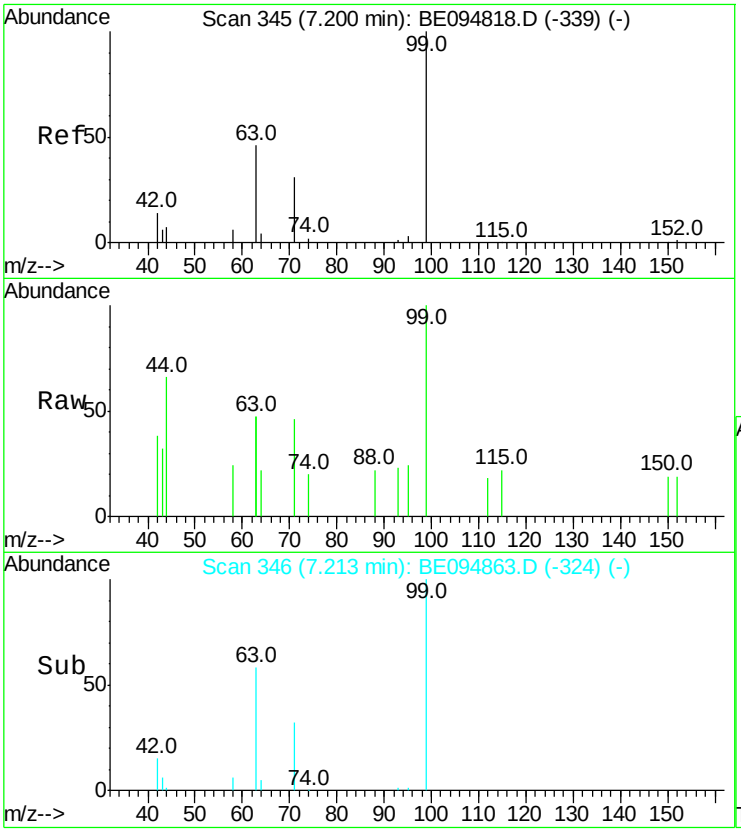


#4
2-Fluorophenol
Concen: 0.292 ng
RT: 5.61 min Scan# 219
Delta R.T. 0.09 min
Lab File: BE094863.D
Acq: 27 Nov 2017 9:23

Tgt Ion:112 Resp: 567

Ion	Ratio	Lower	Upper
112	100		
64	0.0	60.1	90.1#
63	0.0	116.8	175.2#



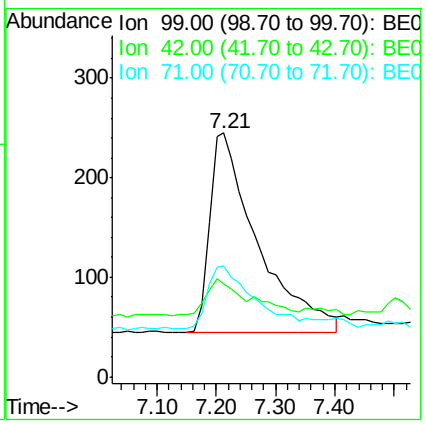


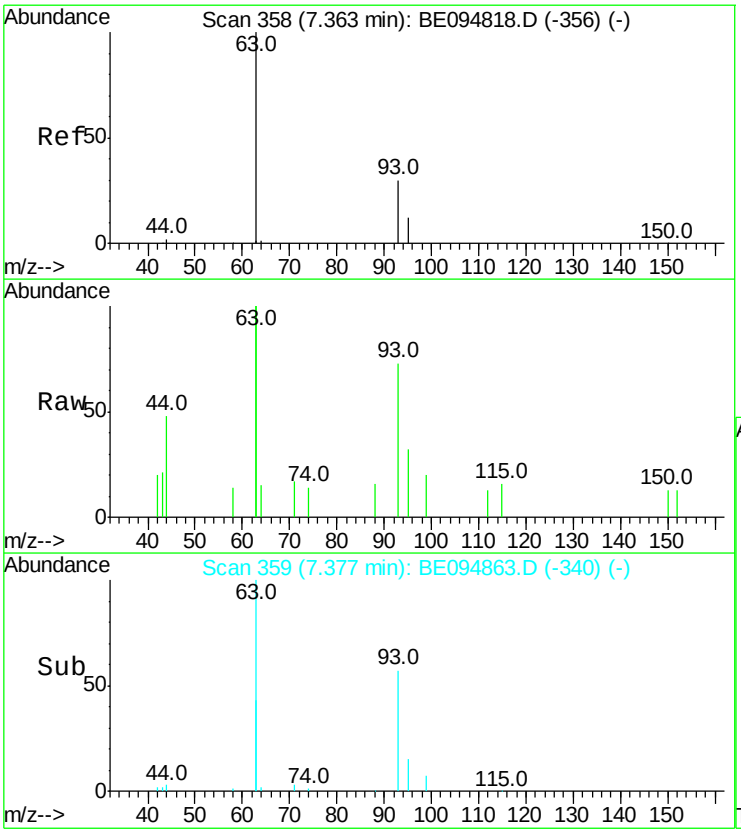
#5
Phenol-d6
Concen: 0.387 ng
RT: 7.21 min Scan# 346
Delta R.T. 0.08 min
Lab File: BE094863.D
Acq: 27 Nov 2017 9:23

Instrument :
BNA_E
ClientSampleId :

Tgt Ion: 99 Resp: 1135

Ion	Ratio	Lower	Upper
99	100		
42	16.7	20.2	30.2#
71	32.3	28.4	42.6

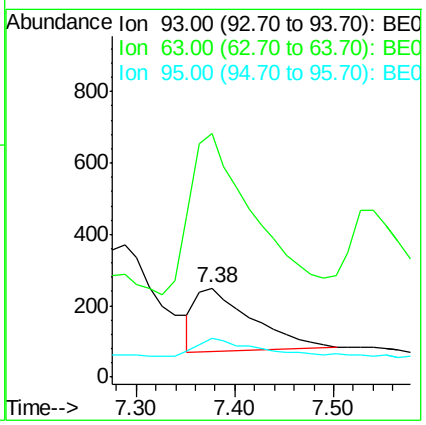


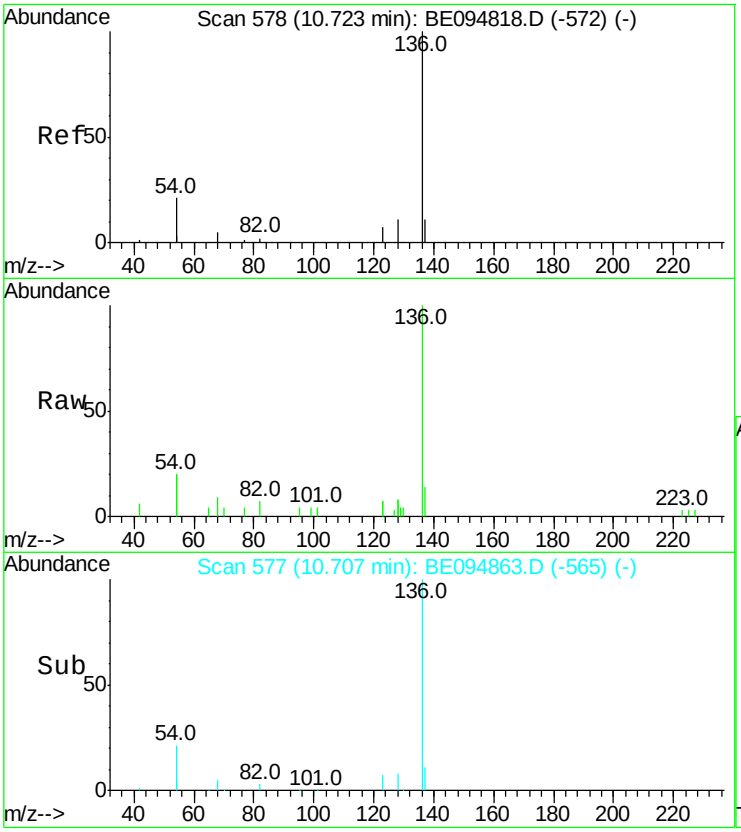


#6
bis(2-Chloroethyl)ether
Concen: 0.306 ng
RT: 7.38 min Scan# 359
Delta R.T. 0.04 min
Lab File: BE094863.D
Acq: 27 Nov 2017 9:23

Tgt Ion: 93 Resp: 693

Ion	Ratio	Lower	Upper
93	100		
63	291.5	275.3	412.9
95	29.1	25.2	37.8



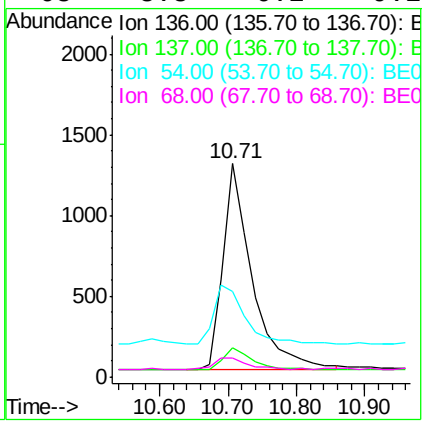


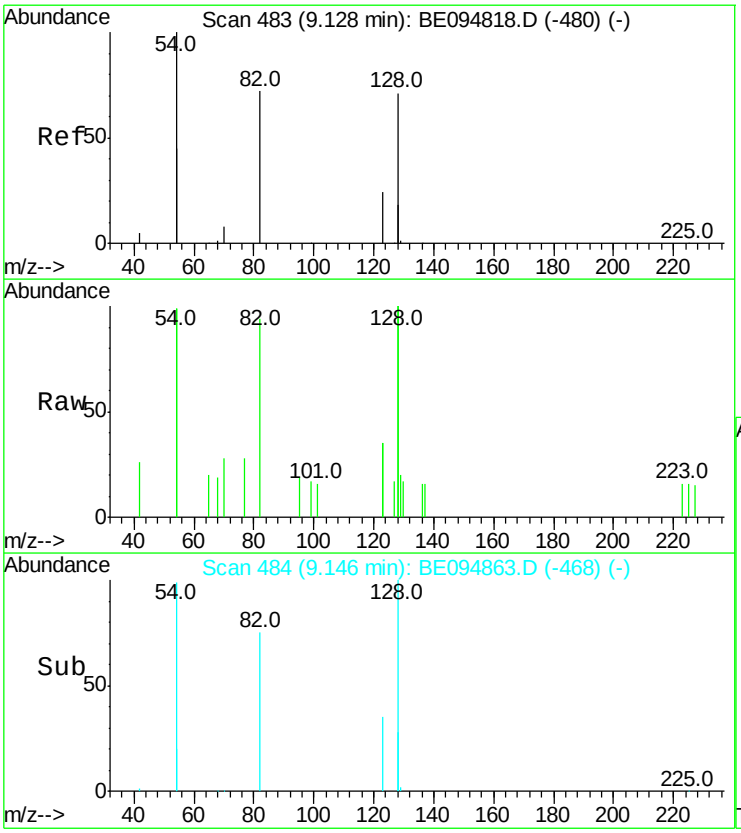
#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.71 min Scan# 577
Delta R.T. -0.00 min
Lab File: BE094863.D
Acq: 27 Nov 2017 9:23

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:136 Resp: 3817

Ion	Ratio	Lower	Upper
136	100		
137	13.5	9.5	14.3
54	40.2	29.1	43.7
68	8.8	6.2	9.2

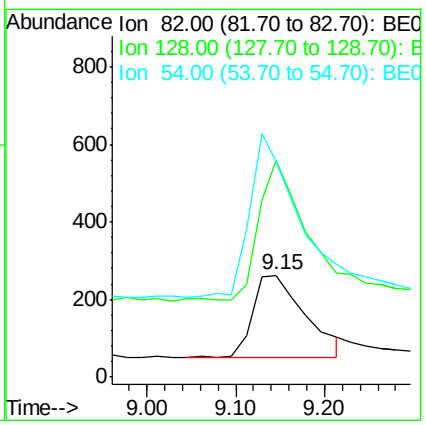


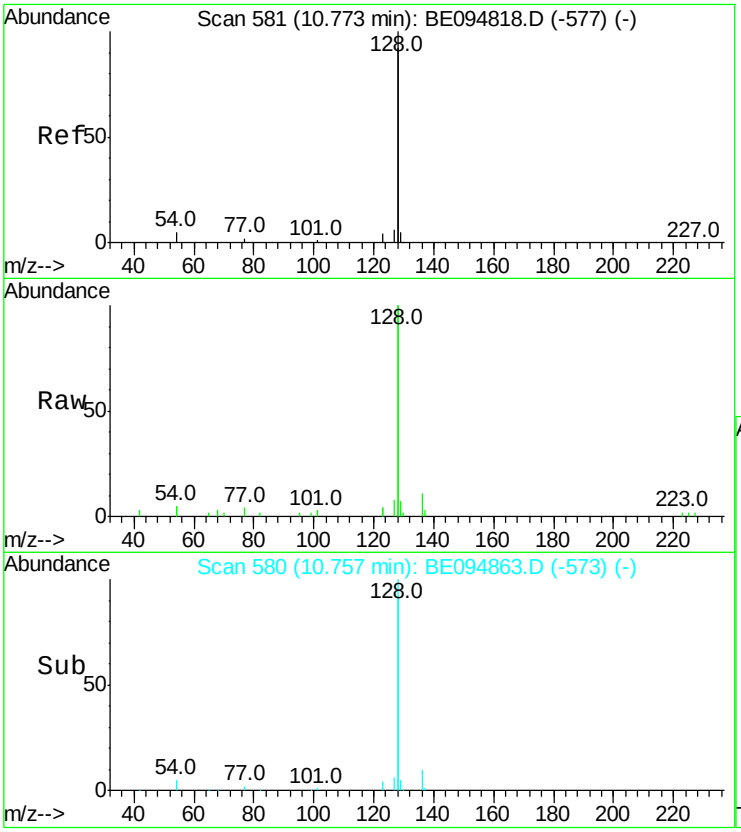


#8
Nitrobenzene-d5
Concen: 0.289 ng
RT: 9.15 min Scan# 484
Delta R.T. 0.07 min
Lab File: BE094863.D
Acq: 27 Nov 2017 9:23

Tgt Ion: 82 Resp: 881

Ion	Ratio	Lower	Upper
82	100		
128	213.7	150.0	225.0
54	211.5	154.2	231.4



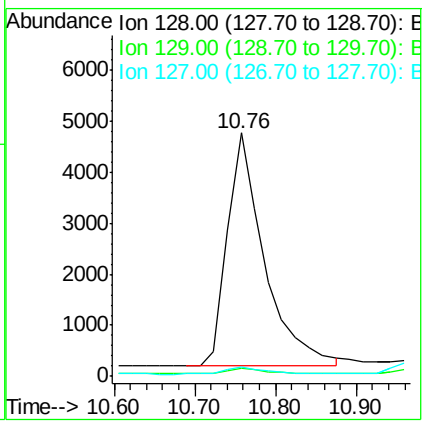


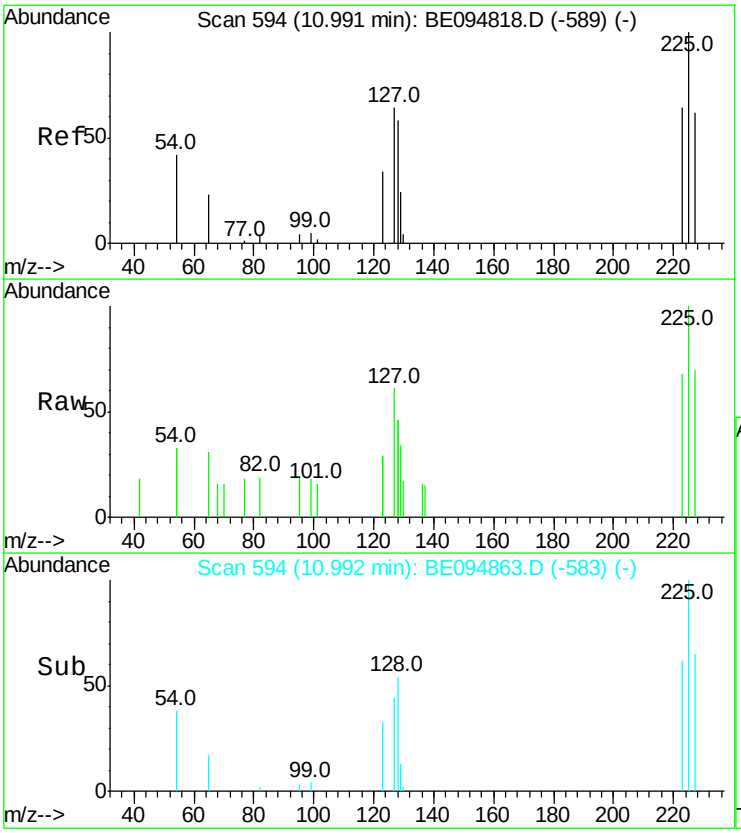
#9
Naphthalene
Concen: 0.338 ng
RT: 10.76 min Scan# 580
Delta R.T. 0.02 min
Lab File: BE094863.D
Acq: 27 Nov 2017 9:23

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:128 Resp: 14599

Ion	Ratio	Lower	Upper
128	100		
129	3.6	2.6	3.8
127	4.0	2.8	4.2

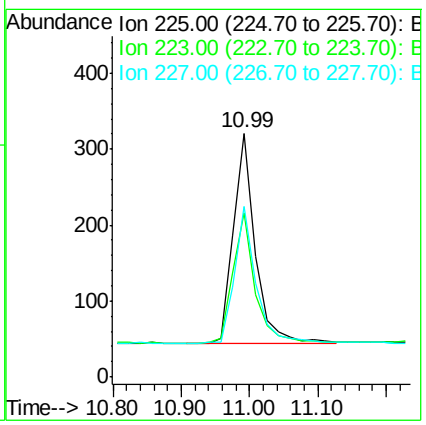


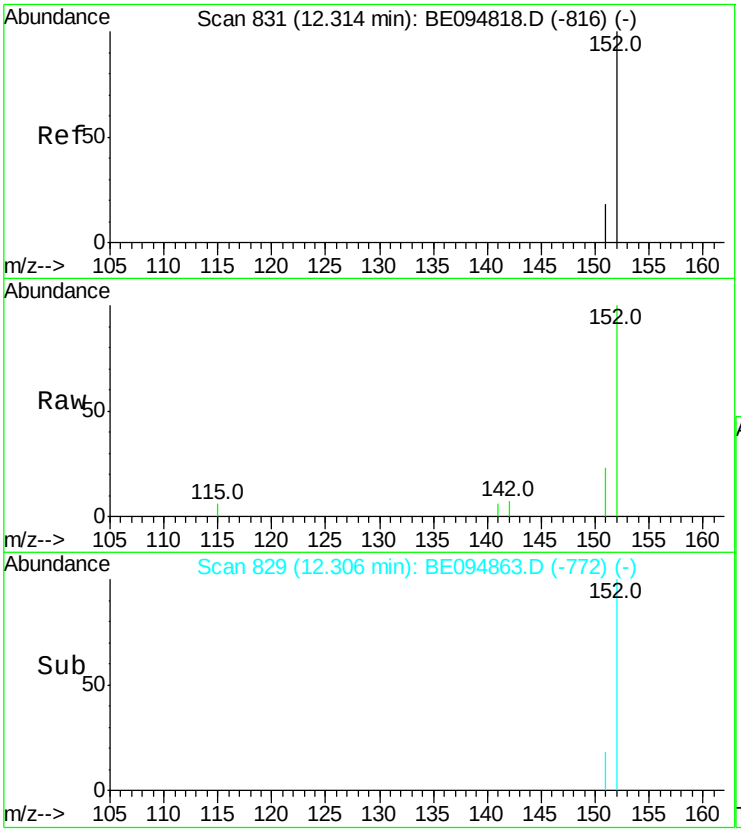


#10
Hexachlorobutadiene
Concen: 0.393 ng
RT: 10.99 min Scan# 594
Delta R.T. -0.02 min
Lab File: BE094863.D
Acq: 27 Nov 2017 9:23

Tgt Ion:225 Resp: 614

Ion	Ratio	Lower	Upper
225	100		
223	64.3	53.0	79.6
227	64.0	51.4	77.2



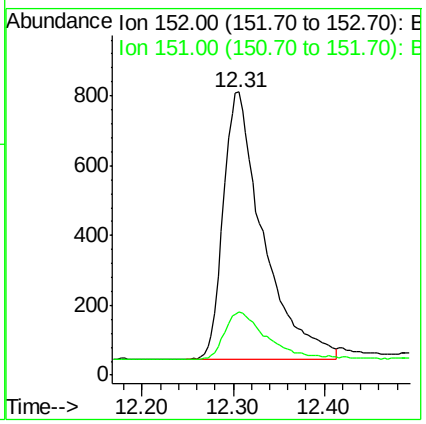


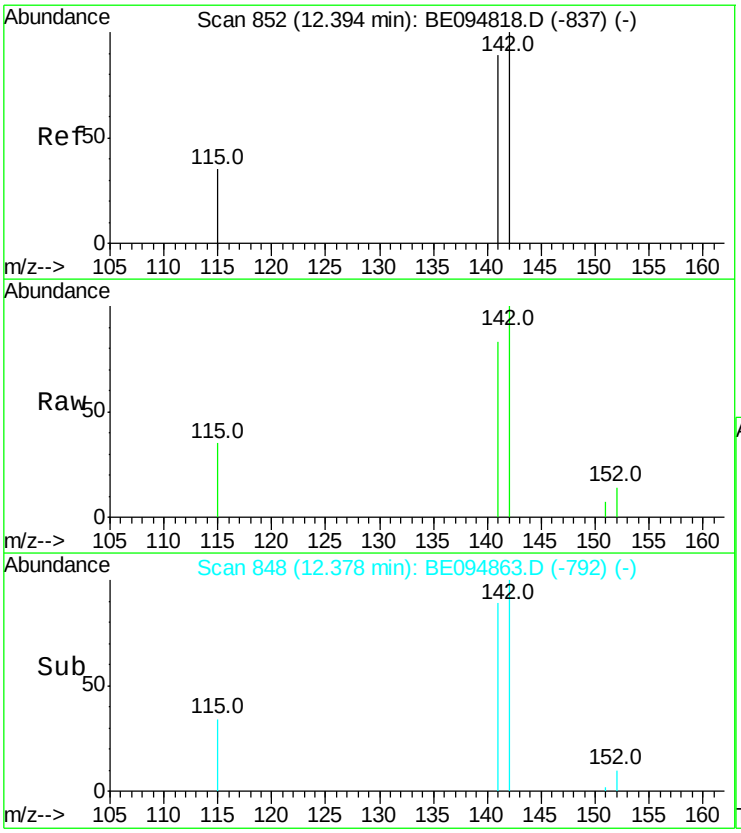
#11
2-Methylnaphthalene-d10
Concen: 0.382 ng
RT: 12.31 min Scan# 829
Delta R.T. 0.02 min
Lab File: BE094863.D
Acq: 27 Nov 2017 9:23

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:152 Resp: 2342

Ion	Ratio	Lower	Upper
152	100		
151	18.7	15.4	23.0

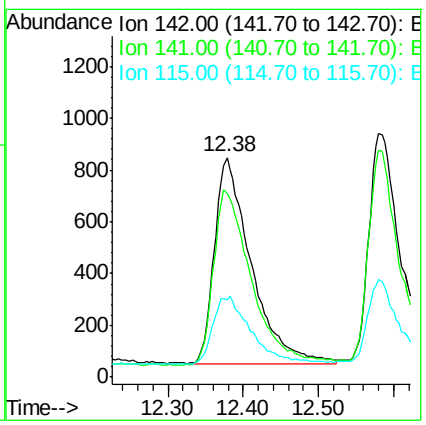


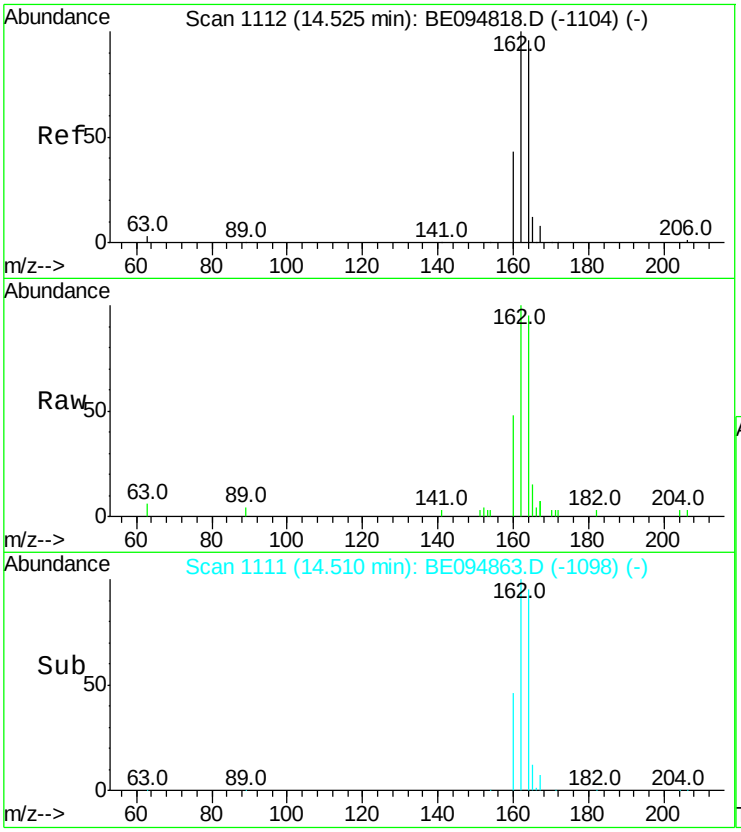


#12
2-Methylnaphthalene
Concen: 0.366 ng
RT: 12.38 min Scan# 848
Delta R.T. 0.01 min
Lab File: BE094863.D
Acq: 27 Nov 2017 9:23

Tgt Ion:142 Resp: 2681

Ion	Ratio	Lower	Upper
142	100		
141	83.4	70.4	105.6
115	35.1	31.7	47.5



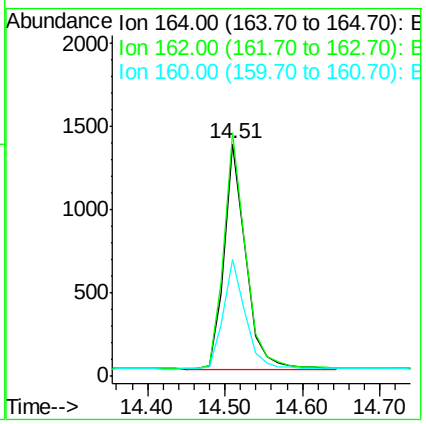


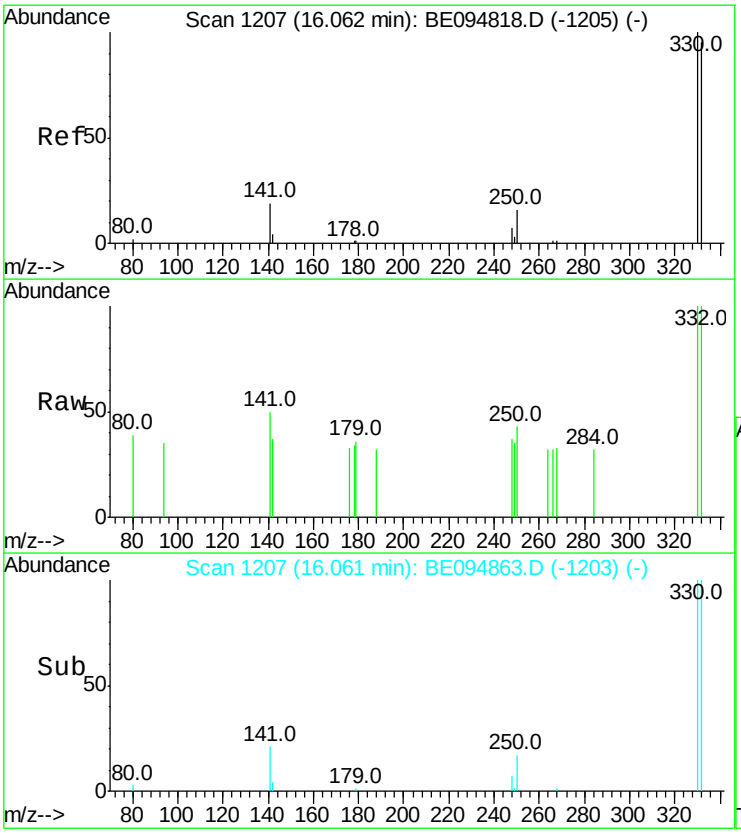
#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.51 min Scan# 1111
Delta R.T. -0.00 min
Lab File: BE094863.D
Acq: 27 Nov 2017 9:23

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:164 Resp: 2628

Ion	Ratio	Lower	Upper
164	100		
162	104.8	83.1	124.7
160	50.5	37.1	55.7

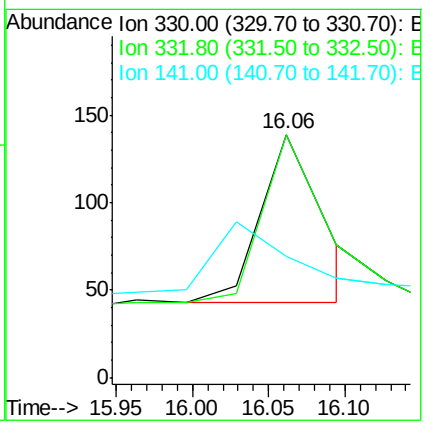


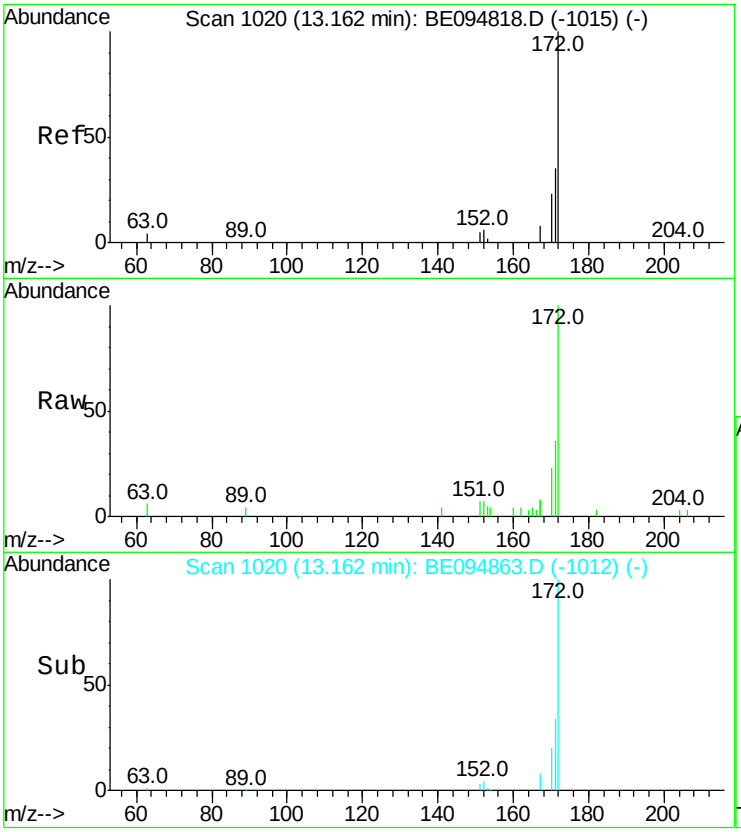


#14
2,4,6-Tribromophenol
Concen: 0.372 ng
RT: 16.06 min Scan# 1207
Delta R.T. 0.03 min
Lab File: BE094863.D
Acq: 27 Nov 2017 9:23

Tgt Ion:330 Resp: 270

Ion	Ratio	Lower	Upper
330	100		
332	97.0	152.7	229.1#
141	0.0	33.7	50.5#



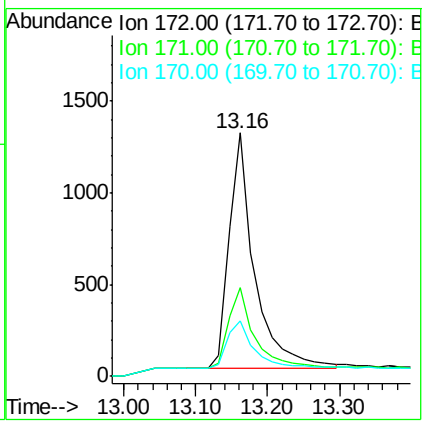


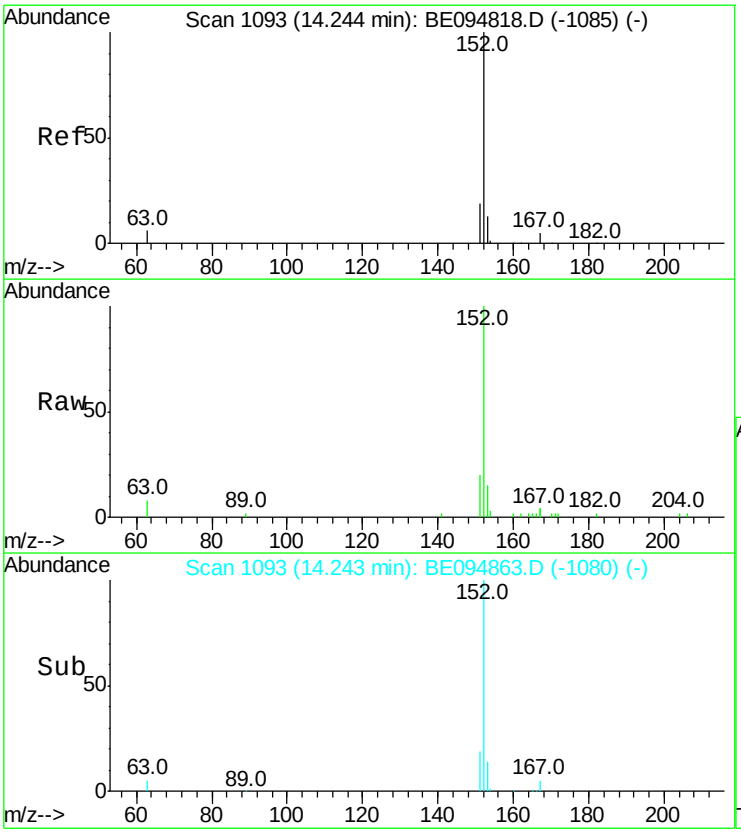
#15
2-Fluorobiphenyl
Concen: 0.339 ng
RT: 13.16 min Scan# 1020
Delta R.T. 0.01 min
Lab File: BE094863.D
Acq: 27 Nov 2017 9:23

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:172 Resp: 3140

Ion	Ratio	Lower	Upper
172	100		
171	36.3	29.9	44.9
170	22.8	21.8	32.8

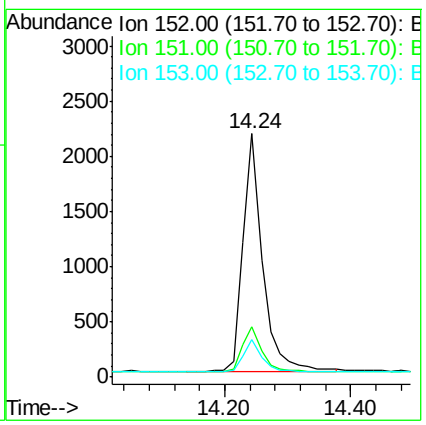


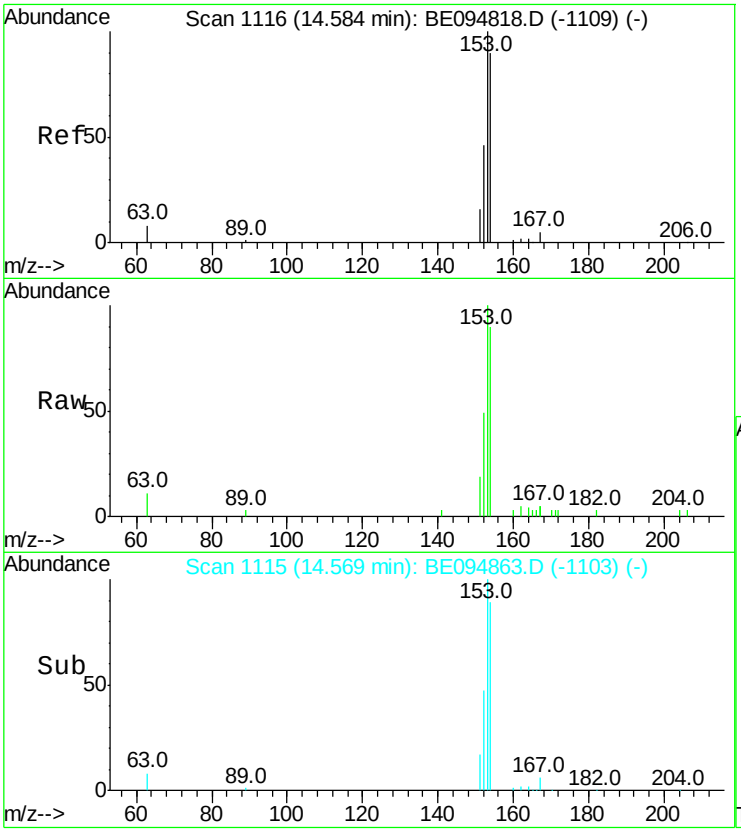


#16
Acenaphthylene
Concen: 0.337 ng
RT: 14.24 min Scan# 1093
Delta R.T. -0.00 min
Lab File: BE094863.D
Acq: 27 Nov 2017 9:23

Tgt Ion:152 Resp: 4676

Ion	Ratio	Lower	Upper
152	100		
151	19.0	15.7	23.5
153	13.2	10.5	15.7



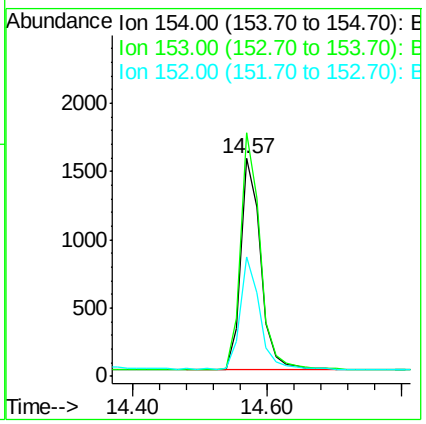


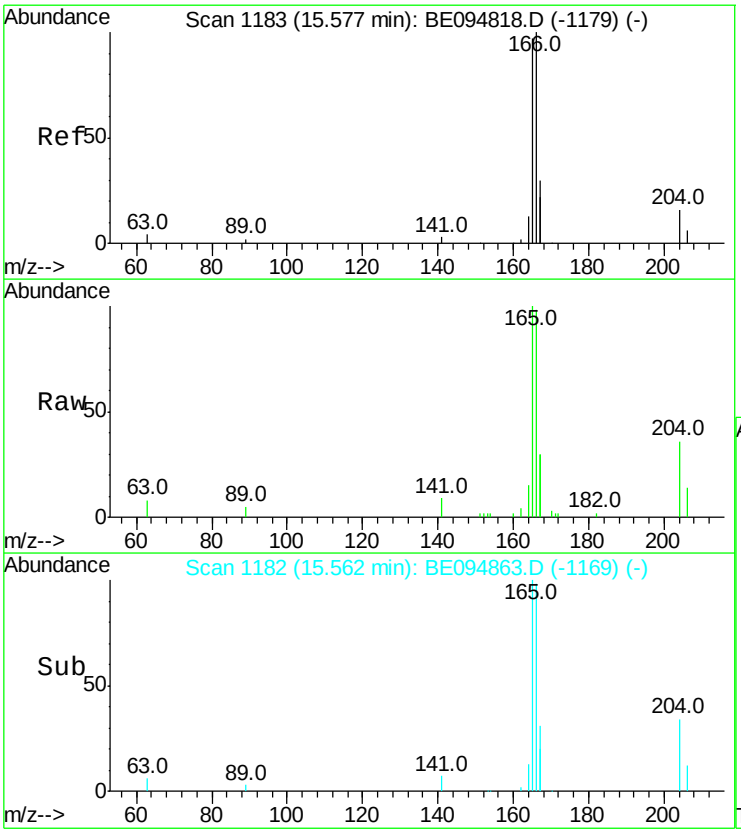
#17
Acenaphthene
Concen: 0.363 ng
RT: 14.57 min Scan# 1115
Delta R.T. -0.01 min
Lab File: BE094863.D
Acq: 27 Nov 2017 9:23

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:154 Resp: 3233

Ion	Ratio	Lower	Upper
154	100		
153	110.1	89.2	133.8
152	51.2	42.0	63.0

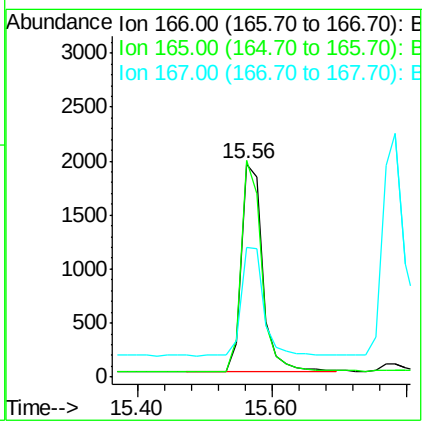


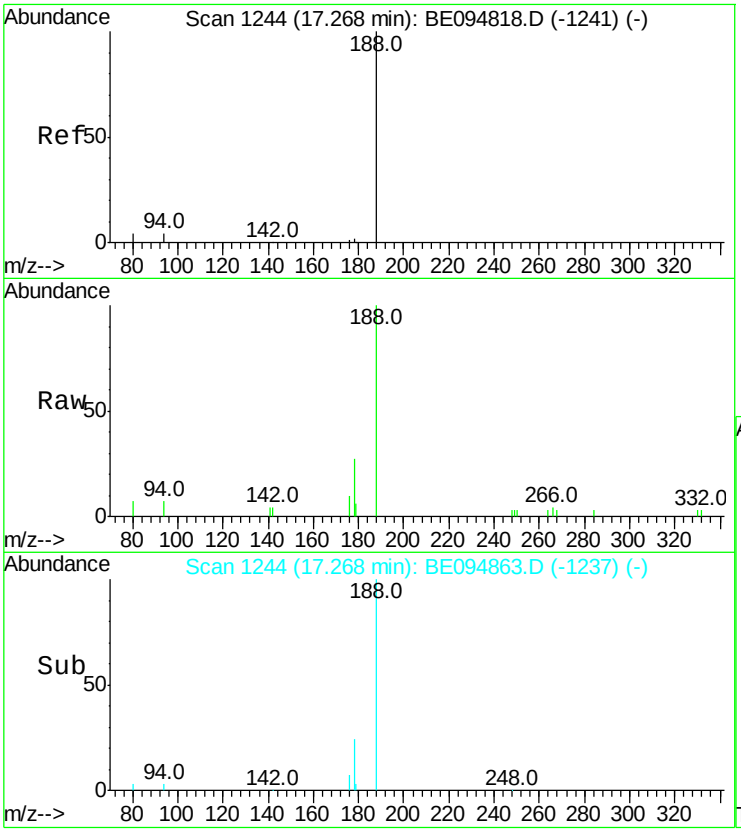


#18
Fluorene
Concen: 0.375 ng
RT: 15.56 min Scan# 1182
Delta R.T. -0.00 min
Lab File: BE094863.D
Acq: 27 Nov 2017 9:23

Tgt Ion:166 Resp: 4284

Ion	Ratio	Lower	Upper
166	100		
165	97.0	77.8	116.6
167	55.2	42.4	63.6



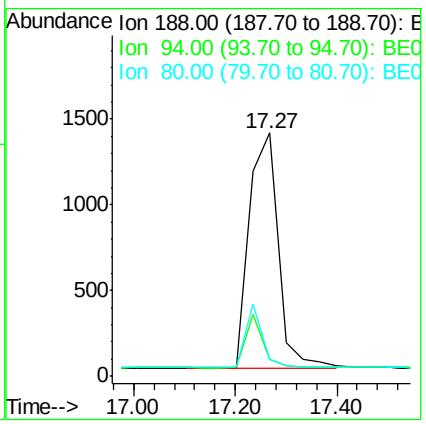


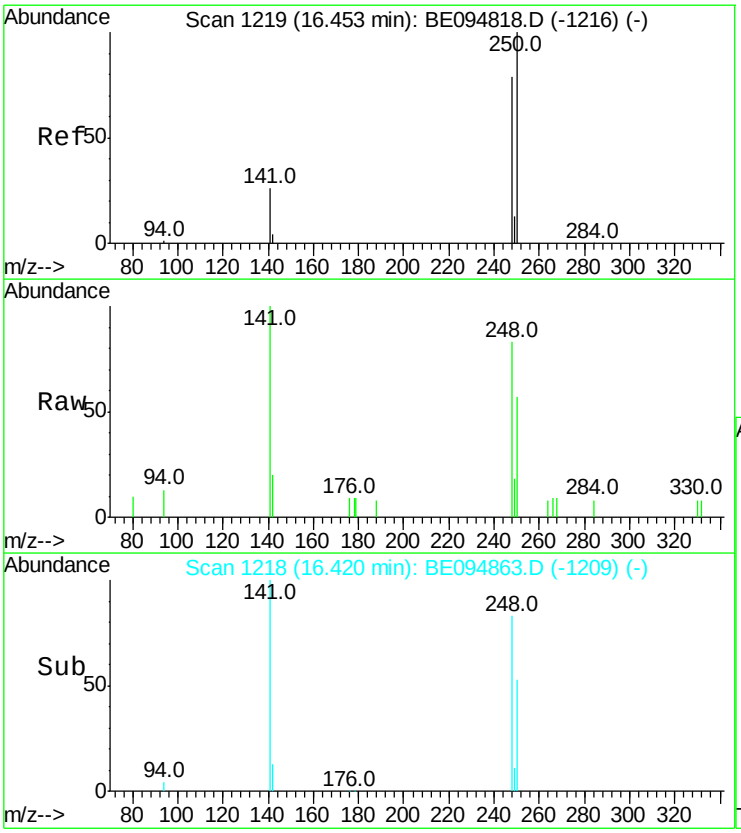
#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.27 min Scan# 1244
Delta R.T. 0.03 min
Lab File: BE094863.D
Acq: 27 Nov 2017 9:23

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:188 Resp: 5460

Ion	Ratio	Lower	Upper
188	100		
94	6.9	3.9	5.9#
80	6.8	3.6	5.4#

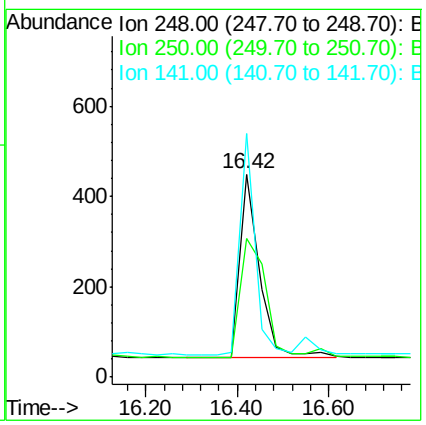


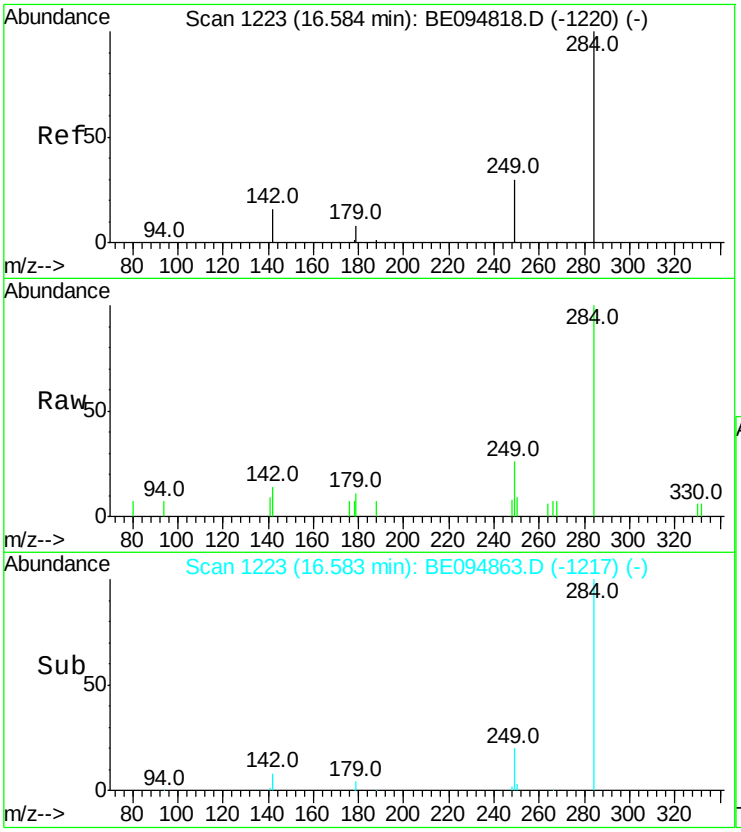


#20
4-Bromophenyl-phenylether
Concen: 0.400 ng
RT: 16.42 min Scan# 1218
Delta R.T. -0.00 min
Lab File: BE094863.D
Acq: 27 Nov 2017 9:23

Tgt Ion:248 Resp: 1189

Ion	Ratio	Lower	Upper
248	100		
250	68.4	62.7	94.1
141	120.0	48.2	72.2#



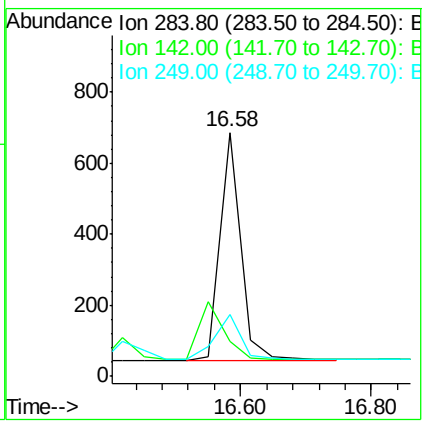


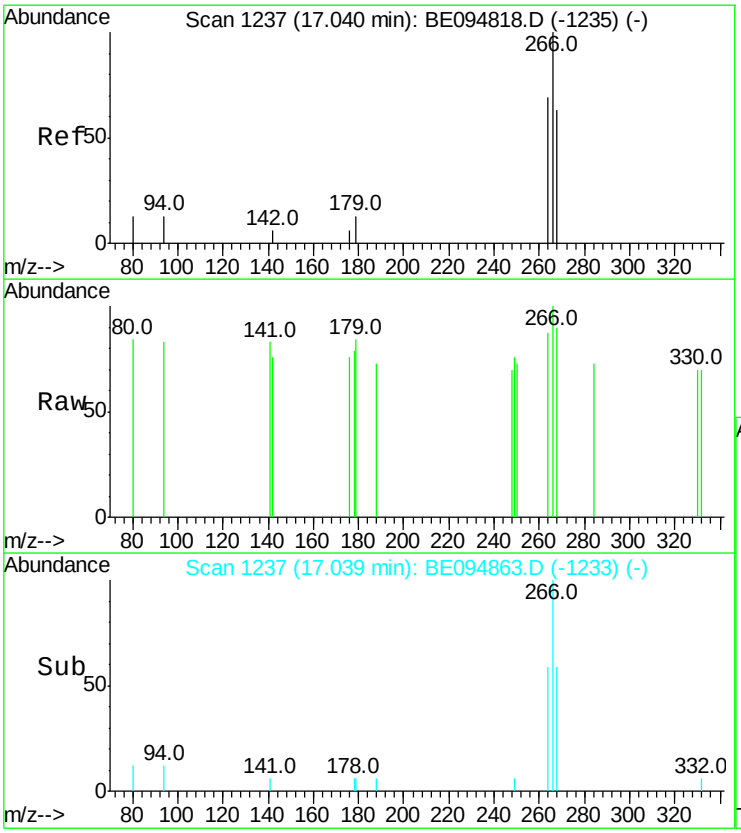
#21
Hexachlorobenzene
Concen: 0.546 ng
RT: 16.58 min Scan# 1223
Delta R.T. -0.00 min
Lab File: BE094863.D
Acq: 27 Nov 2017 9:23

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:284 Resp: 1424

Ion	Ratio	Lower	Upper
284	100		
142	0.0	22.1	33.1#
249	24.7	34.8	52.2#

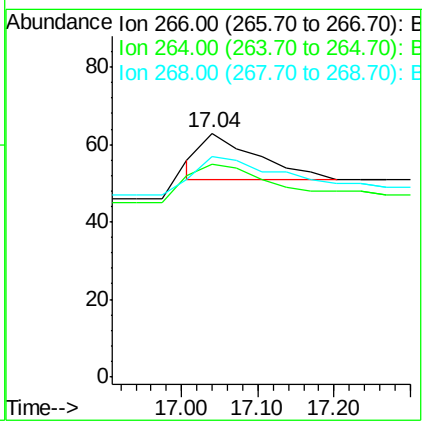


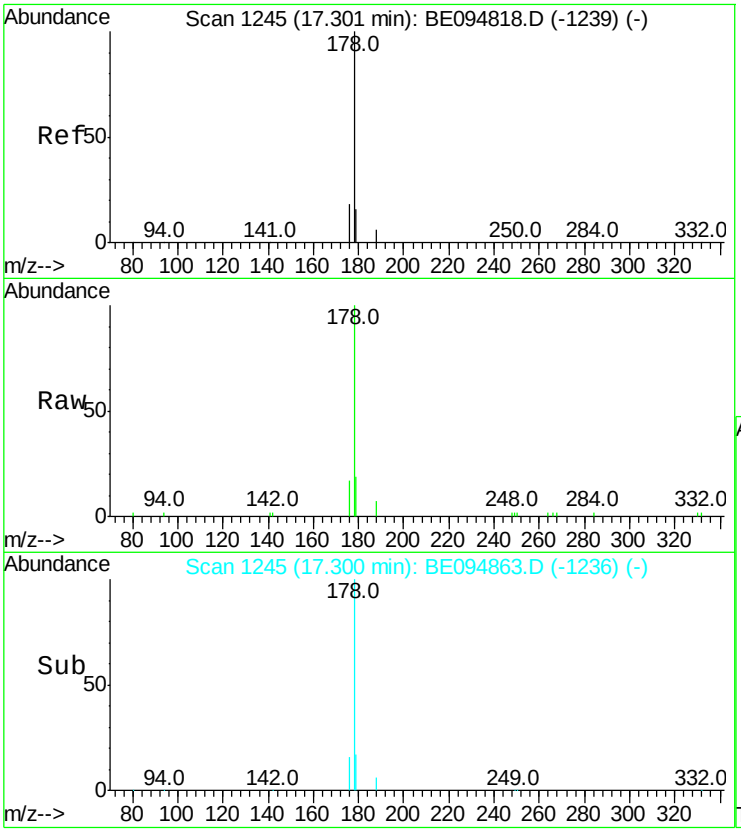


#22
Pentachlorophenol
Concen: 0.183 ng
RT: 17.04 min Scan# 1237
Delta R.T. 0.03 min
Lab File: BE094863.D
Acq: 27 Nov 2017 9:23

Tgt Ion:266 Resp: 61

Ion	Ratio	Lower	Upper
266	100		
264	87.3	72.5	108.7
268	90.5	73.8	110.6



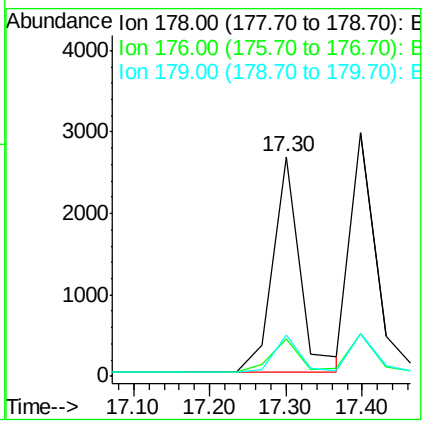


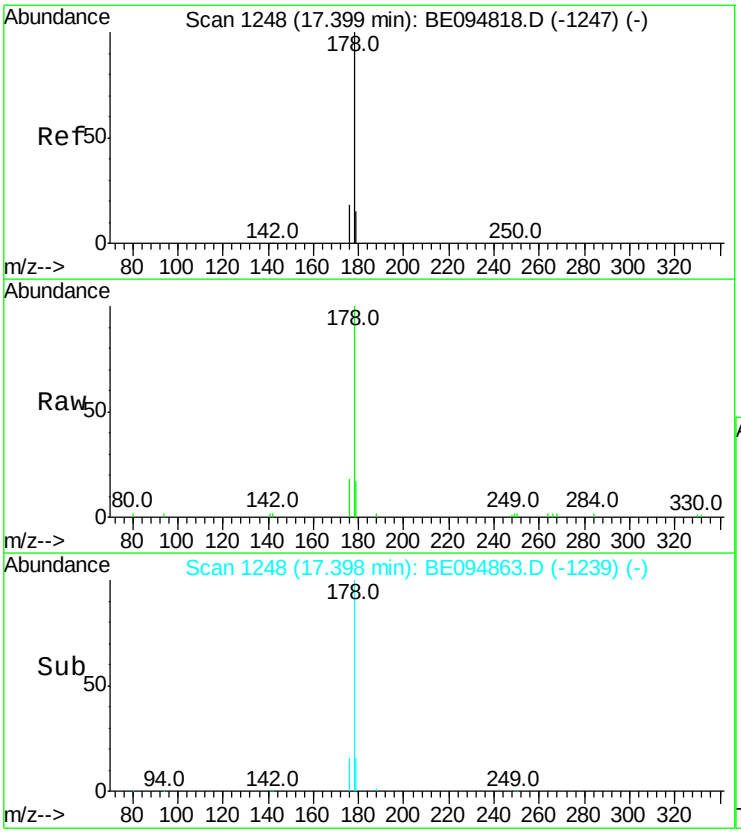
#23
Phenanthrene
Concen: 0.468 ng
RT: 17.30 min Scan# 1245
Delta R.T. 0.00 min
Lab File: BE094863.D
Acq: 27 Nov 2017 9:23

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:178 Resp: 6664

Ion	Ratio	Lower	Upper
178	100		
176	16.0	15.1	22.7
179	16.4	11.8	17.6

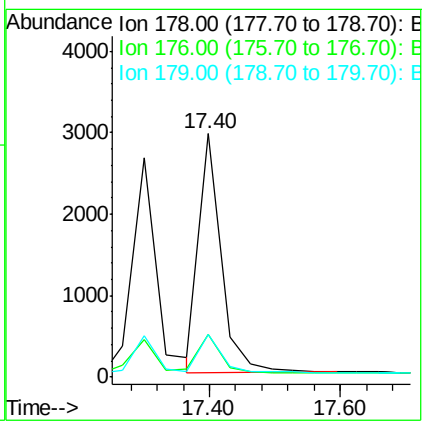


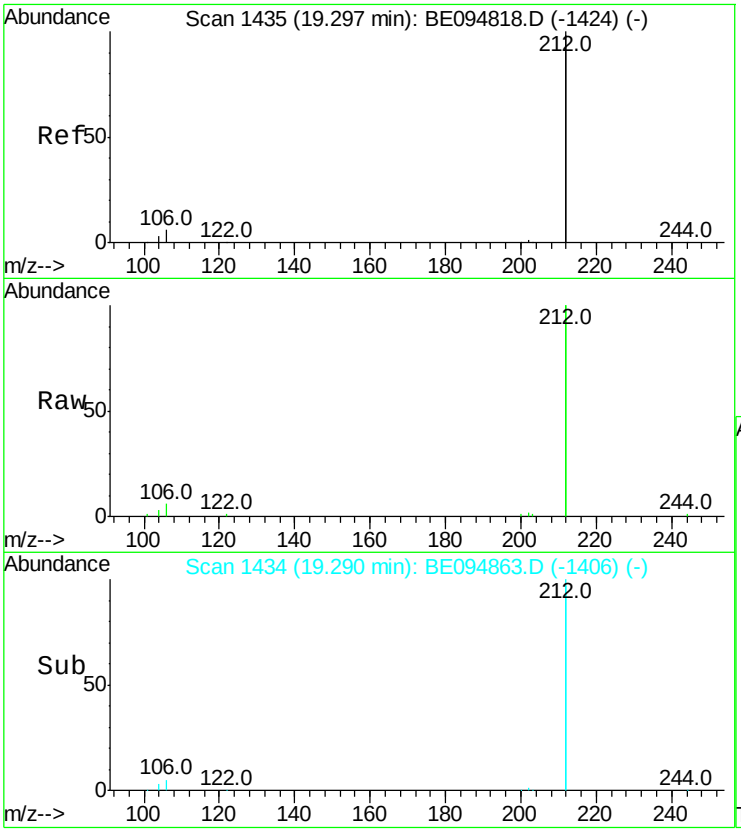


#24
Anthracene
Concen: 0.431 ng
RT: 17.40 min Scan# 1248
Delta R.T. -0.00 min
Lab File: BE094863.D
Acq: 27 Nov 2017 9:23

Tgt Ion:178 Resp: 6915

Ion	Ratio	Lower	Upper
178	100		
176	17.3	12.8	19.2
179	16.3	13.0	19.6



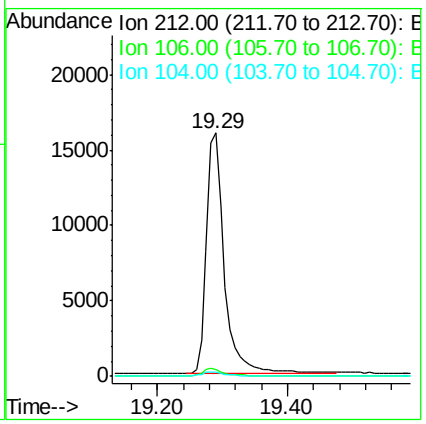


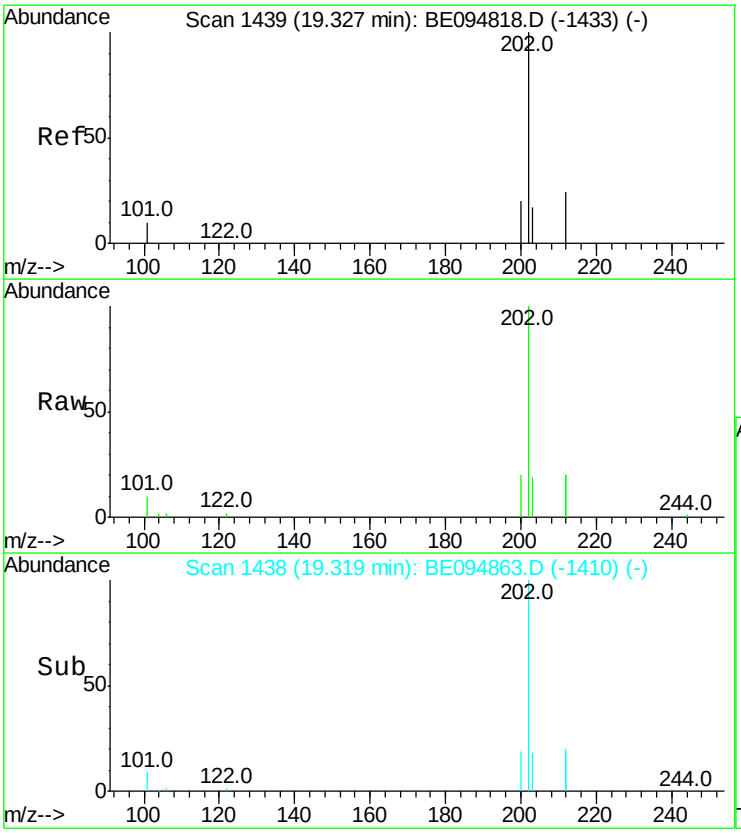
#25
Fluoranthene-d10
Concen: 0.464 ng
RT: 19.29 min Scan# 1434
Delta R.T. 0.01 min
Lab File: BE094863.D
Acq: 27 Nov 2017 9:23

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:212 Resp: 30317

Ion	Ratio	Lower	Upper
212	100		
106	3.1	2.8	4.2
104	1.6	1.6	2.4#

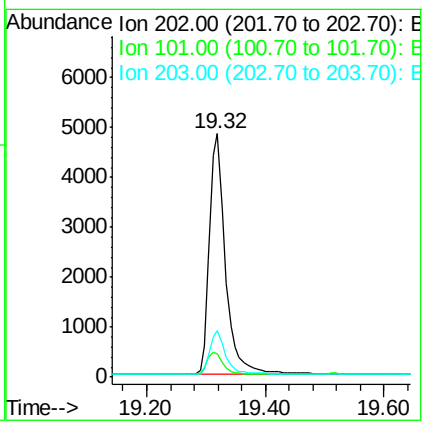


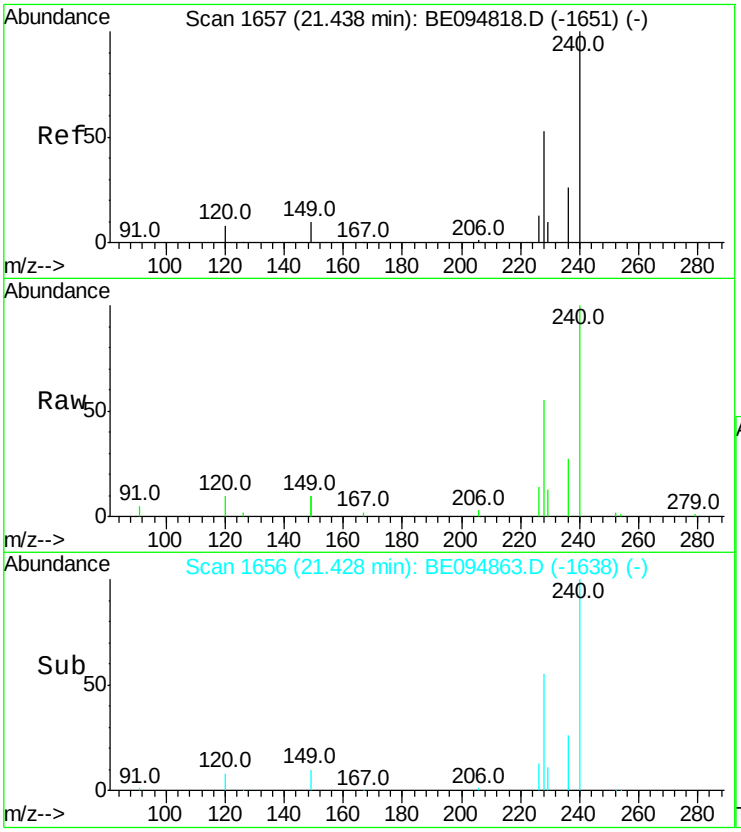


#26
Fluoranthene
Concen: 0.452 ng
RT: 19.32 min Scan# 1438
Delta R.T. 0.01 min
Lab File: BE094863.D
Acq: 27 Nov 2017 9:23

Tgt Ion:202 Resp: 9038

Ion	Ratio	Lower	Upper
202	100		
101	9.5	9.8	14.8#
203	17.4	13.7	20.5



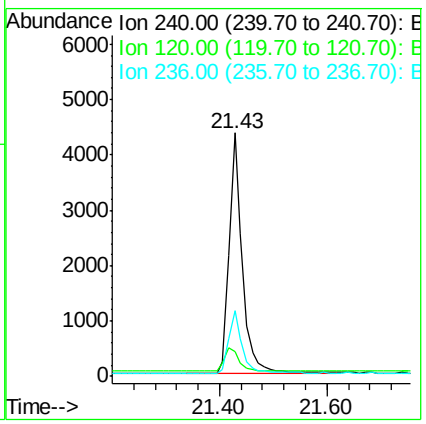


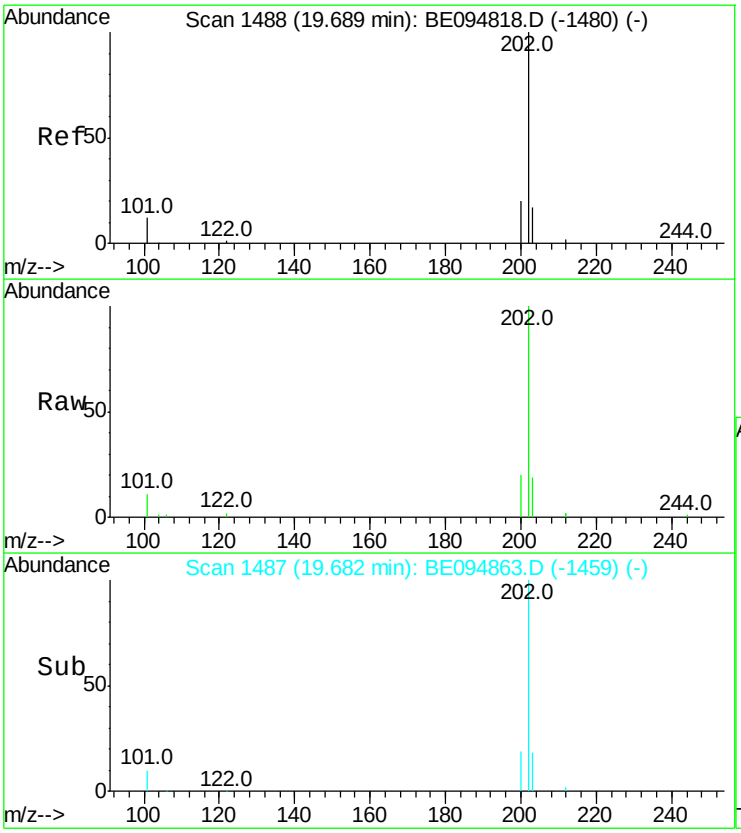
#27
Chrysene-d12
Concen: 0.400 ng
RT: 21.43 min Scan# 1656
Delta R.T. 0.00 min
Lab File: BE094863.D
Acq: 27 Nov 2017 9:23

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:240 Resp: 7315

Ion	Ratio	Lower	Upper
240	100		
120	10.2	5.5	8.3#
236	27.2	20.7	31.1

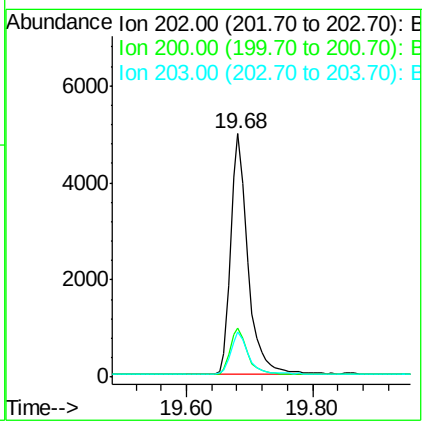


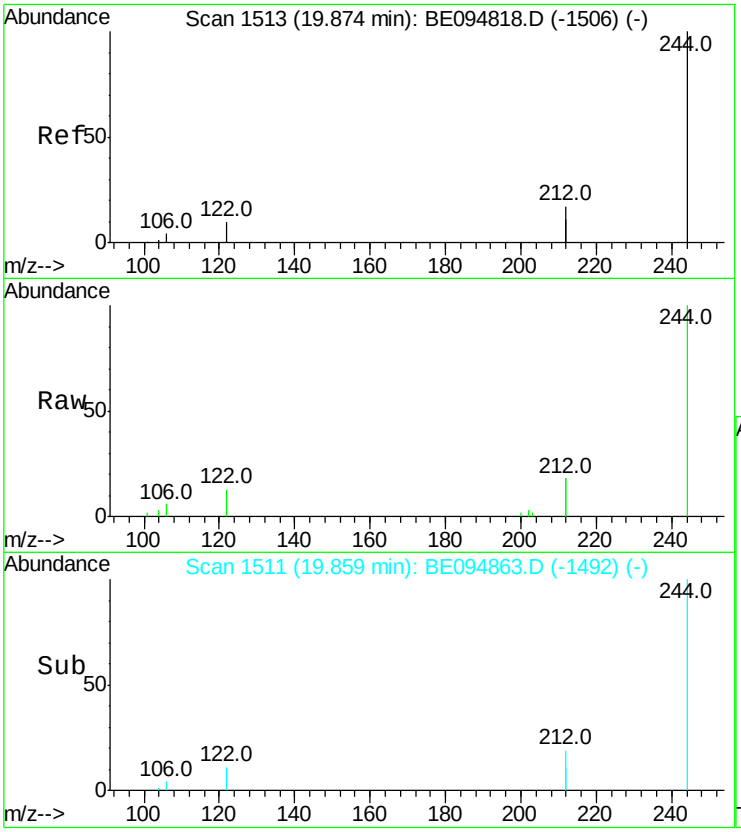


#28
Pyrene
Concen: 0.368 ng
RT: 19.68 min Scan# 1487
Delta R.T. 0.01 min
Lab File: BE094863.D
Acq: 27 Nov 2017 9:23

Tgt Ion:202 Resp: 9416

Ion	Ratio	Lower	Upper
202	100		
200	19.8	16.6	25.0
203	17.6	13.8	20.8



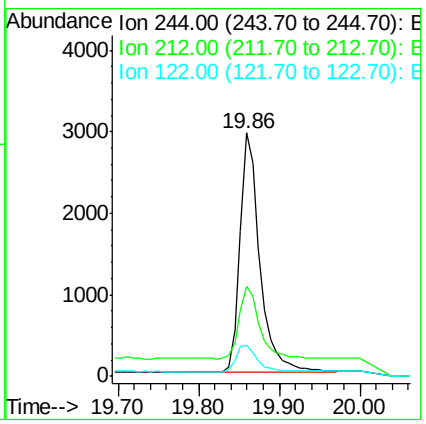


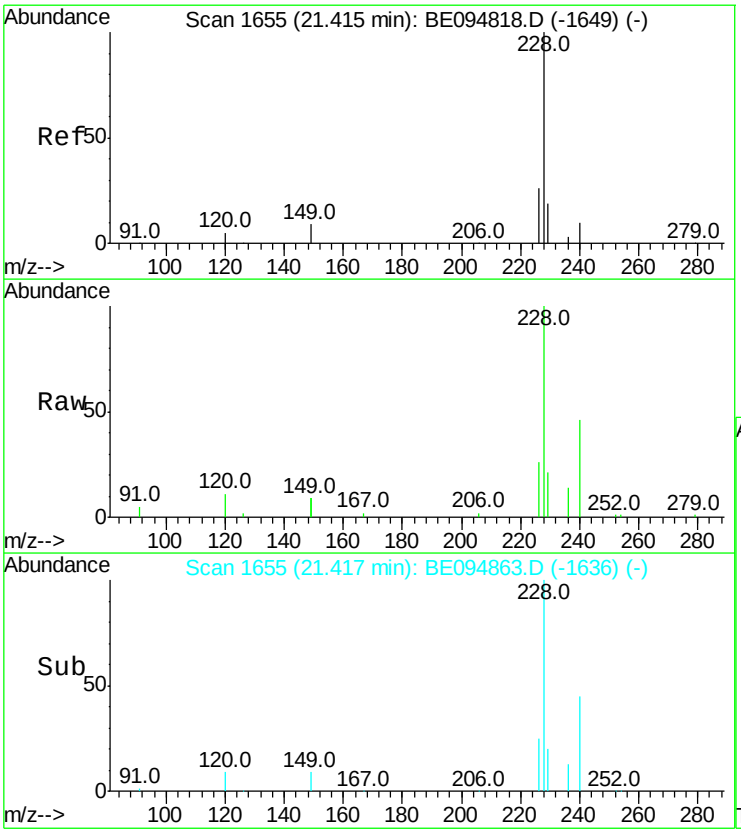
#29
Terphenyl-d14
Concen: 0.365 ng
RT: 19.86 min Scan# 1511
Delta R.T. -0.01 min
Lab File: BE094863.D
Acq: 27 Nov 2017 9:23

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:244 Resp: 5039

Ion	Ratio	Lower	Upper
244	100		
212	36.9	25.4	38.0
122	13.0	8.1	12.1#

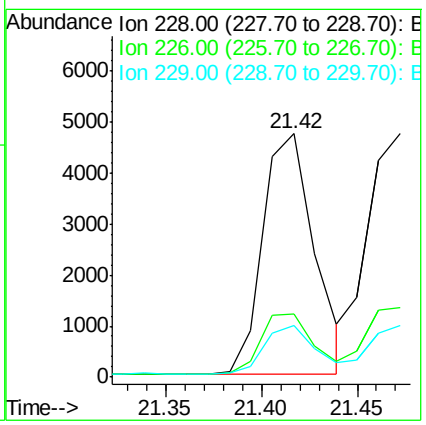


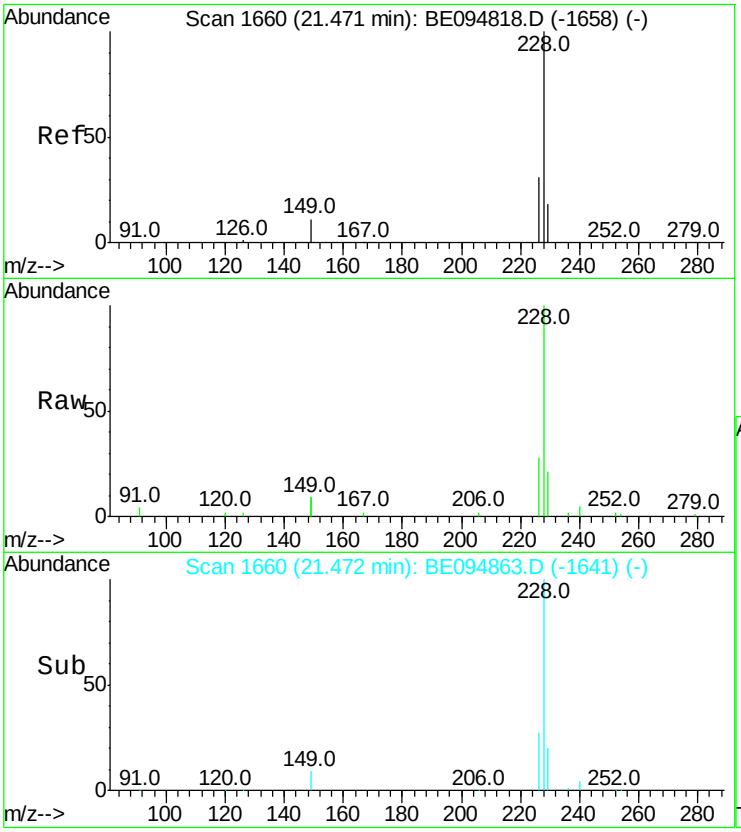


#30
Benzo(a)anthracene
Concen: 0.370 ng
RT: 21.42 min Scan# 1655
Delta R.T. 0.01 min
Lab File: BE094863.D
Acq: 27 Nov 2017 9:23

Tgt Ion:228 Resp: 8802

Ion	Ratio	Lower	Upper
228	100		
226	26.2	40.0	60.0#
229	21.1	40.0	60.0#



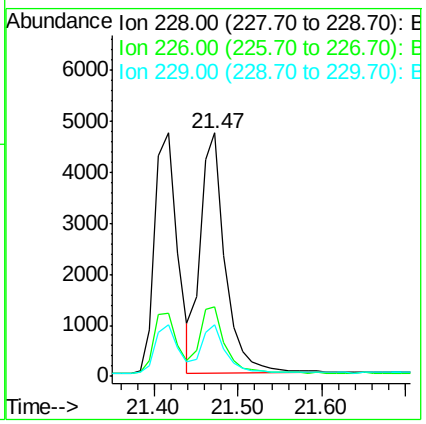


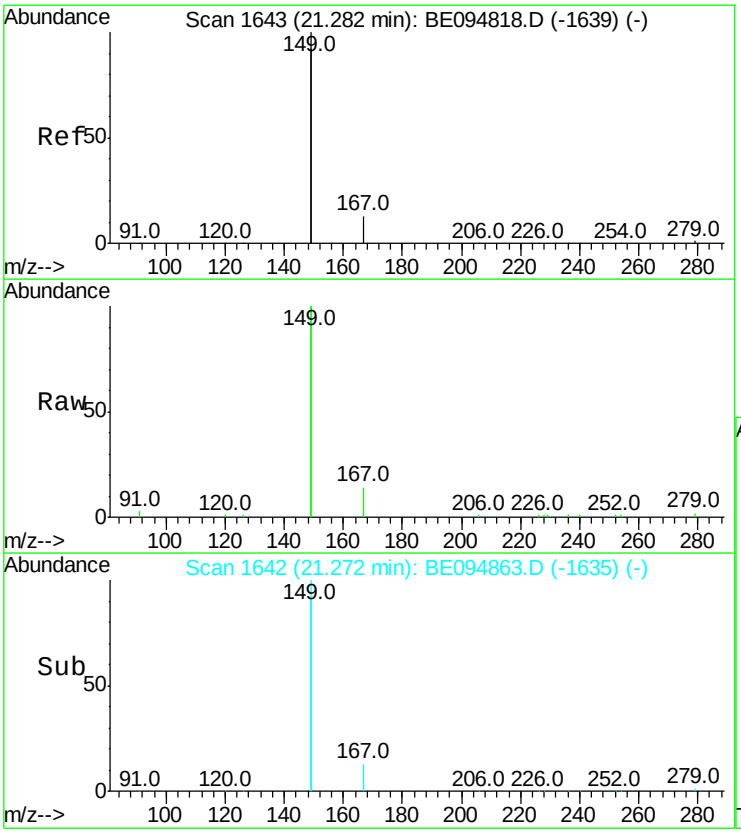
#31
Chrysene
Concen: 0.400 ng
RT: 21.47 min Scan# 1660
Delta R.T. 0.01 min
Lab File: BE094863.D
Acq: 27 Nov 2017 9:23

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:228 Resp: 9664

Ion	Ratio	Lower	Upper
228	100		
226	28.4	40.0	60.0#
229	21.3	40.0	60.0#

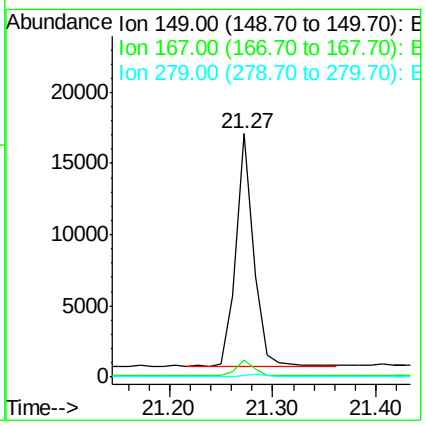


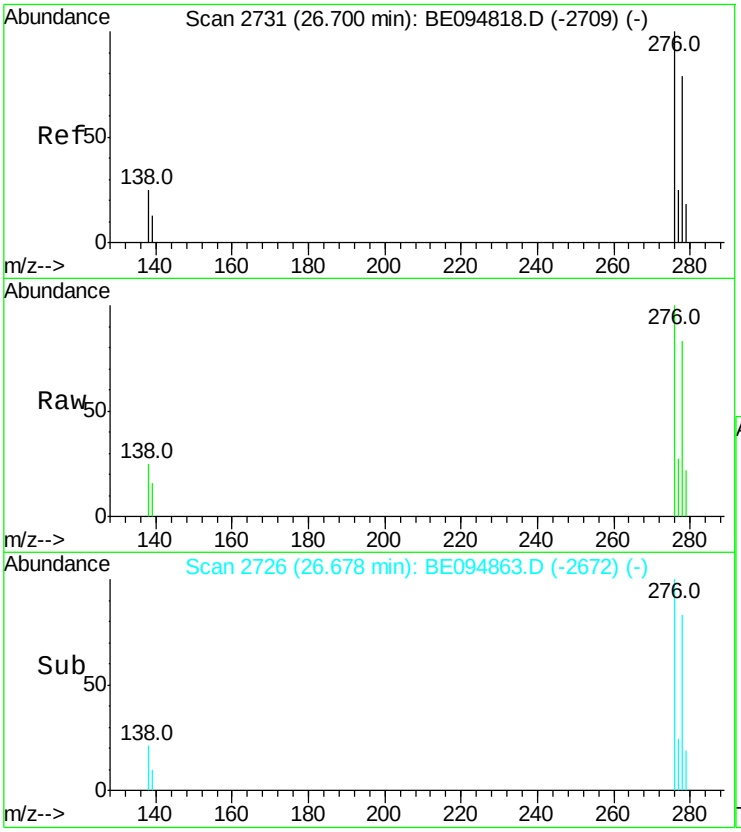


#32
Bis(2-ethylhexyl)phthalate
Concen: 0.332 ng
RT: 21.27 min Scan# 1642
Delta R.T. -0.02 min
Lab File: BE094863.D
Acq: 27 Nov 2017 9:23

Tgt Ion:149 Resp: 19410

Ion	Ratio	Lower	Upper
149	100		
167	7.1	5.4	8.0
279	1.2	0.7	1.1#



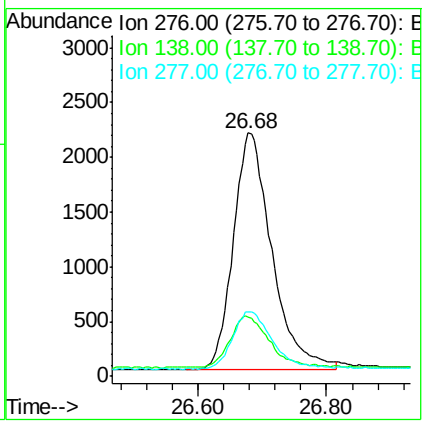


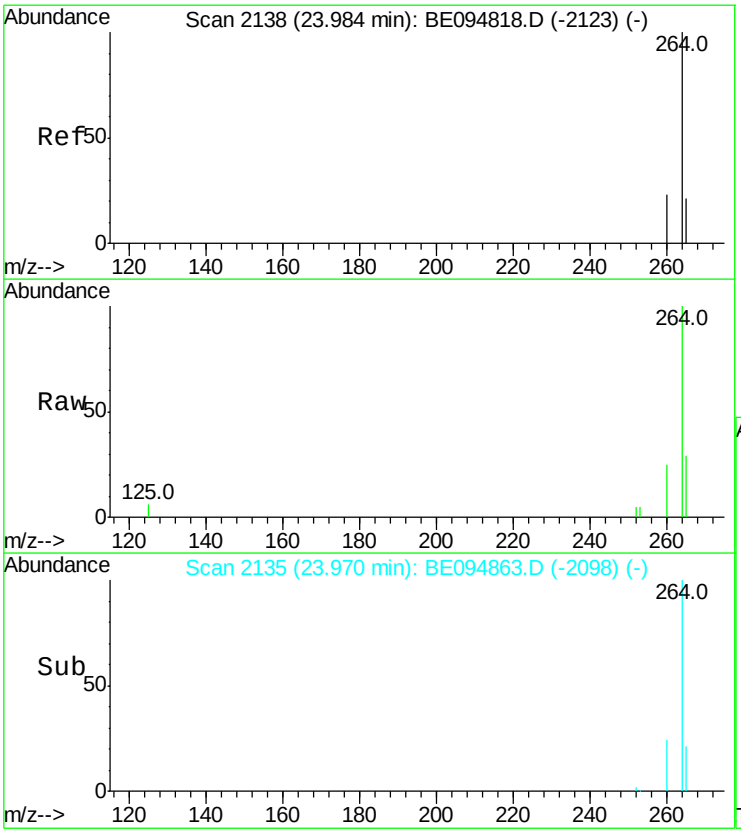
#33
Indeno(1,2,3-cd)pyrene
Concen: 0.406 ng
RT: 26.68 min Scan# 2726
Delta R.T. 0.05 min
Lab File: BE094863.D
Acq: 27 Nov 2017 9:23

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:276 Resp: 9062

Ion	Ratio	Lower	Upper
276	100		
138	21.9	22.5	33.7#
277	25.0	19.9	29.9

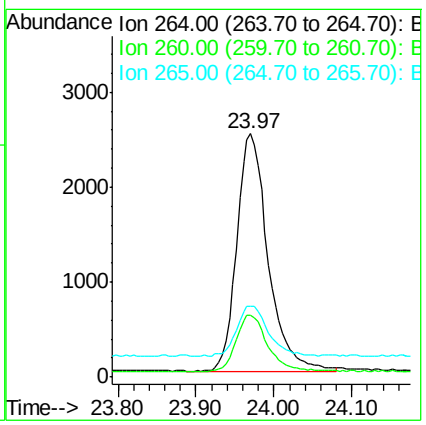


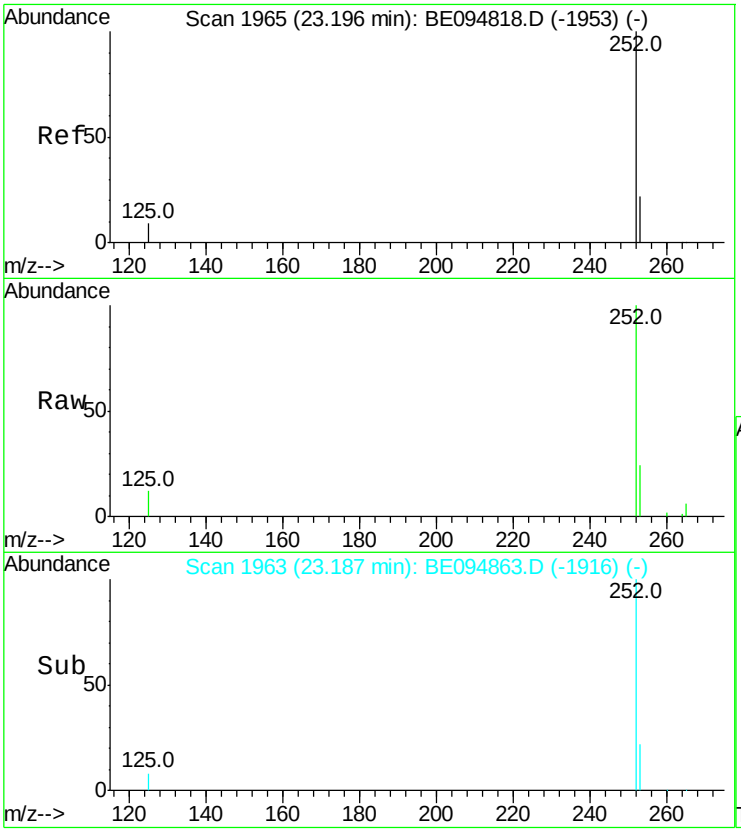


#34
Perylene-d12
Concen: 0.400 ng
RT: 23.97 min Scan# 2135
Delta R.T. 0.02 min
Lab File: BE094863.D
Acq: 27 Nov 2017 9:23

Tgt Ion:264 Resp: 6956

Ion	Ratio	Lower	Upper
264	100		
260	25.3	20.5	30.7
265	29.1	22.8	34.2



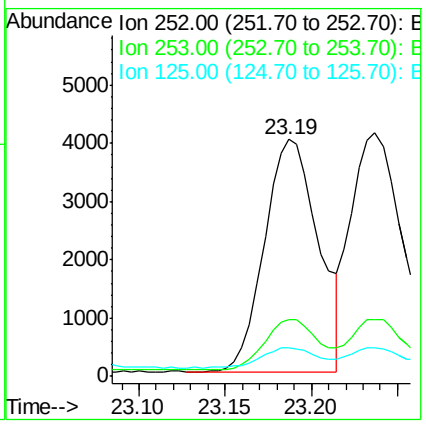


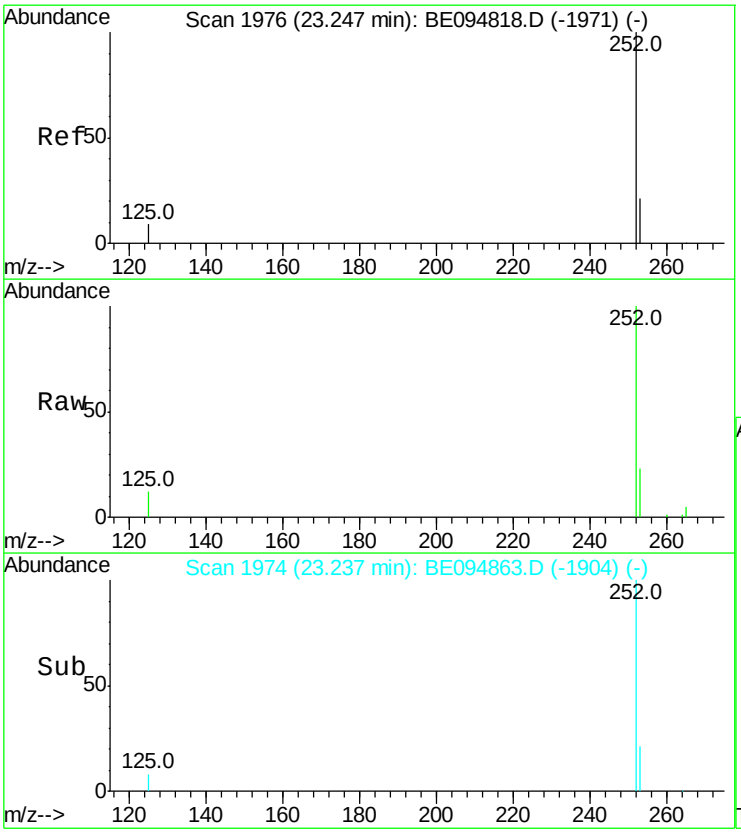
#35
Benzo(b)fluoranthene
Concen: 0.386 ng
RT: 23.19 min Scan# 1963
Delta R.T. 0.01 min
Lab File: BE094863.D
Acq: 27 Nov 2017 9:23

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:252 Resp: 8679

Ion	Ratio	Lower	Upper
252	100		
253	24.2	48.0	72.0#
125	11.9	56.0	84.0#

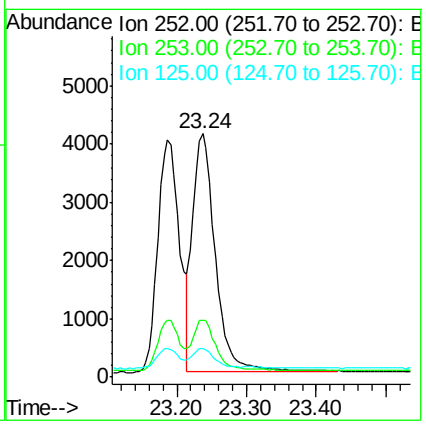


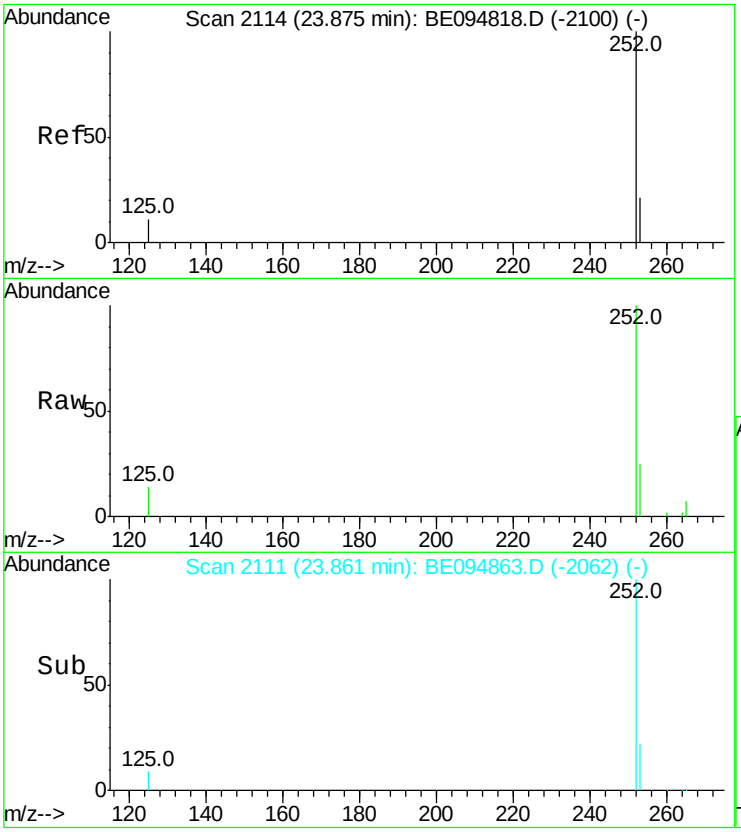


#36
Benzo(k)fluoranthene
Concen: 0.382 ng
RT: 23.24 min Scan# 1974
Delta R.T. 0.02 min
Lab File: BE094863.D
Acq: 27 Nov 2017 9:23

Tgt Ion:252 Resp: 9163

Ion	Ratio	Lower	Upper
252	100		
253	23.4	48.0	72.0#
125	11.7	56.0	84.0#



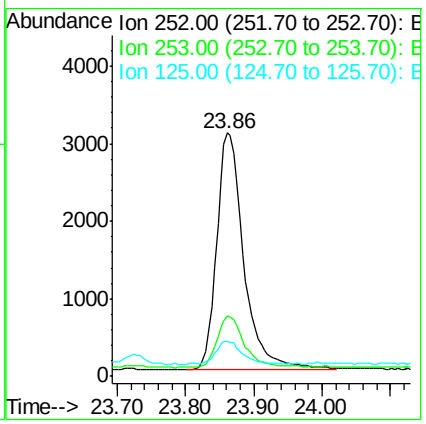


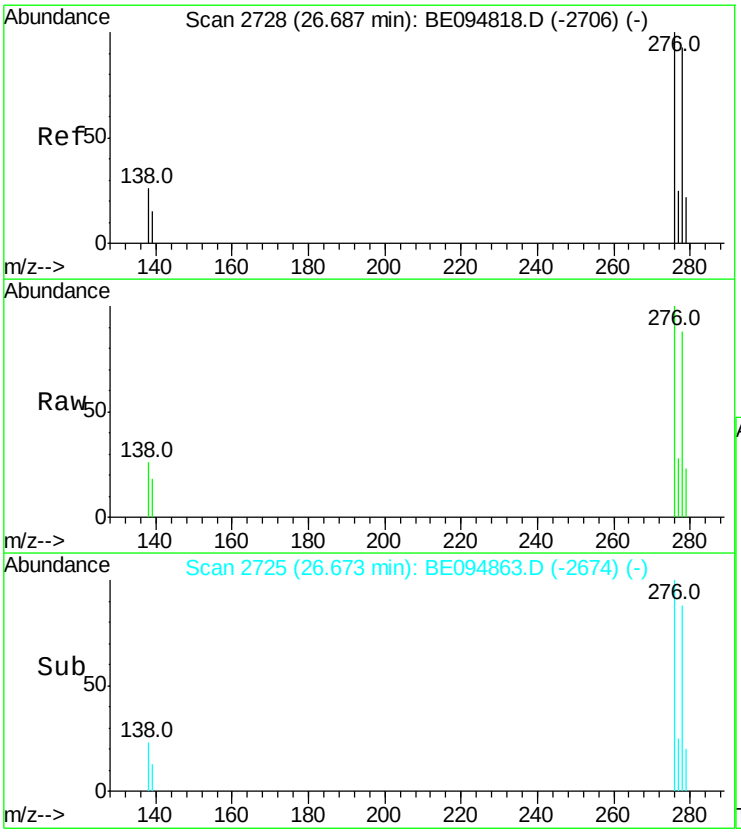
#37
Benzo(a)pyrene
Concen: 0.386 ng
RT: 23.86 min Scan# 2111
Delta R.T. 0.02 min
Lab File: BE094863.D
Acq: 27 Nov 2017 9:23

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:252 Resp: 8434

Ion	Ratio	Lower	Upper
252	100		
253	24.8	52.0	78.0#
125	14.2	68.0	102.0#

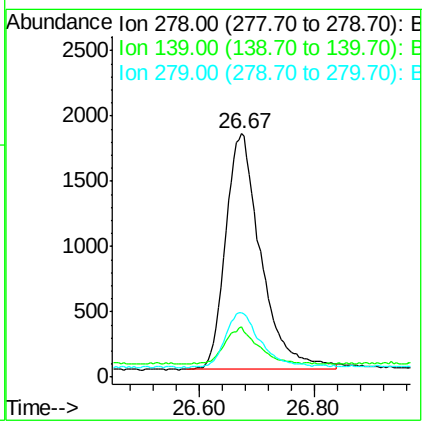


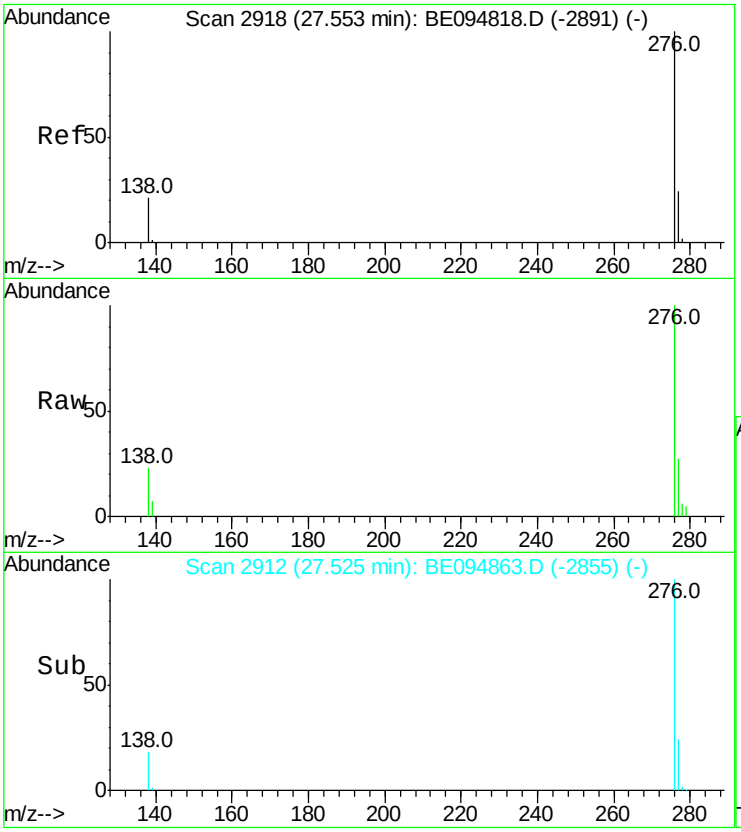


#38
Dibenzo(a,h)anthracene
Concen: 0.396 ng
RT: 26.67 min Scan# 2725
Delta R.T. 0.03 min
Lab File: BE094863.D
Acq: 27 Nov 2017 9:23

Tgt Ion:278 Resp: 7760

Ion	Ratio	Lower	Upper
278	100		
139	20.5	56.0	84.0#
279	26.6	52.0	78.0#





#39
Benzo(g,h,i)perylene
Concen: 0.433 ng
RT: 27.53 min Scan# 2912
Delta R.T. 0.06 min
Lab File: BE094863.D
Acq: 27 Nov 2017 9:23

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:276 Resp: 7944

Ion	Ratio	Lower	Upper
276	100		
277	26.6	52.0	78.0#
138	22.6	44.0	66.0#