Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA_E\Data\BE112717\
Data File : BE094868.D
Acq On : 27 Nov 2017 12:34
Operator : SJ/JU
Sample : PB104402BS
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument : BNA_E
ClientSampleId : PB104402BS

Quant Time: Nov 27 15:29:48 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	7.93	152	547	0.40	ng		0.02
7) Naphthalene-d8	10.72	136	3152	0.40	ng		0.02
13) Acenaphthene-d10	14.52	164	1775	0.40	ng		0.01
19) Phenanthrene-d10	17.27	188	5136	0.40	ng		0.03
27) Chrysene-d12	21.44	240	6366	0.40	ng		0.01
34) Perylene-d12	23.97	264	6082	0.40	ng		0.02
System Monitoring Compounds							
4) 2-Fluorophenol	5.64	112	283	0.15	ng		0.11
5) Phenol-d6	7.25	99	637	0.23	ng		0.11
8) Nitrobenzene-d5	9.16	82	466	0.19	ng		0.08
11) 2-Methylnaphthalene-d10	12.33	152	1654	0.33	ng		0.04
14) 2,4,6-Tribromophenol	16.09	330	115	0.23	ng		0.06
15) 2-Fluorobiphenyl	13.18	172	1650	0.26	ng		0.03
25) Fluoranthene-d10	19.30	212	18164	0.26	ng		0.02
29) Terphenyl-d14	19.87	244	3081	0.26	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.40	88	259	0.280	ng	#	5
3) n-Nitrosodimethylamine	3.76	42	218	0.246	ng	#	74
6) bis(2-Chloroethyl)ether	7.40	93	363	0.166	ng		88
9) Naphthalene	10.77	128	7564	0.212	ng	#	96
10) Hexachlorobutadiene	10.99	225	333	0.258	ng		95
12) 2-Methylnaphthalene	12.40	142	1319	0.218	ng		99
16) Acenaphthylene	14.26	152	2075	0.221	ng		99
17) Acenaphthene	14.58	154	1362	0.226	ng		98
18) Fluorene	15.59	166	1844	0.239	ng		99
20) 4-Bromophenyl-phenylether	16.45	248	471	0.168	ng	#	77
21) Hexachlorobenzene	16.58	284	546	0.222	ng		93
22) Pentachlorophenol	17.07	266	86	0.274	ng		98
23) Phenanthrene	17.30	178	3652	0.244	ng		99
24) Anthracene	17.40	178	3477	0.230	ng		97
26) Fluoranthene	19.33	202	4752	0.213	ng	#	97
28) Pyrene	19.69	202	4974	0.223	ng		98
30) Benzo(a)anthracene	21.42	228	5102	0.246	ng	#	63
31) Chrysene	21.47	228	5284	0.251	ng	#	64
32) Bis(2-ethylhexyl)phthalate	21.27	149	9865	0.194	ng		99
33) Indeno(1,2,3-cd)pyrene	26.70	276	5196	0.267	ng	#	93
35) Benzo(b)fluoranthene	23.20	252	4865	0.247	ng	#	41
36) Benzo(k)fluoranthene	23.25	252	5201	0.248	ng	#	41
37) Benzo(a)pyrene	23.87	252	4941	0.259	ng	#	36
38) Dibenzo(a,h)anthracene	26.69	278	4419	0.258	ng	#	47
39) Benzo(g,h,i)perylene	27.55	276	4441	0.277	ng	#	57

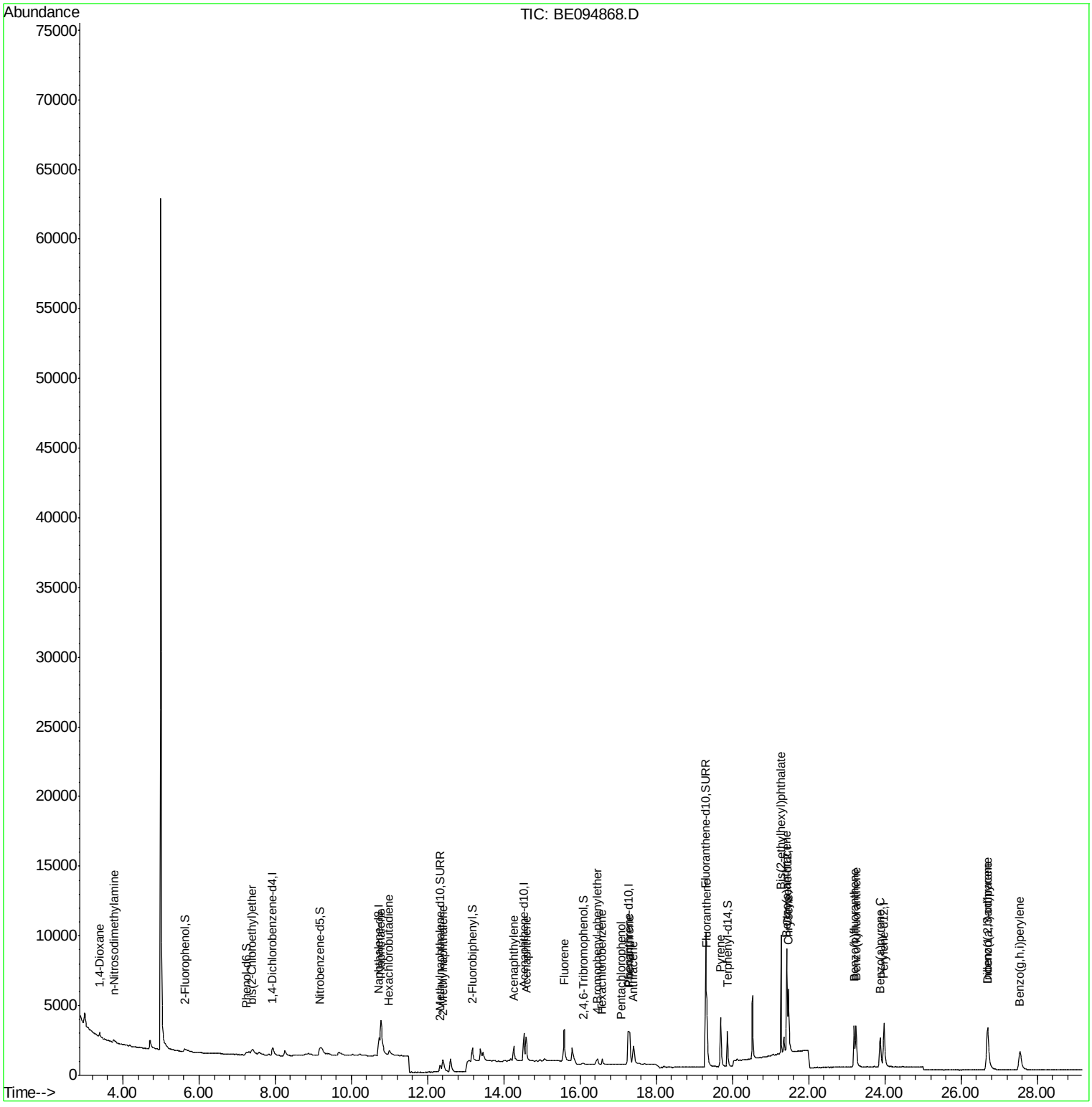
(#) = qualifier out of range (m) = manual integration (+) = signals summed

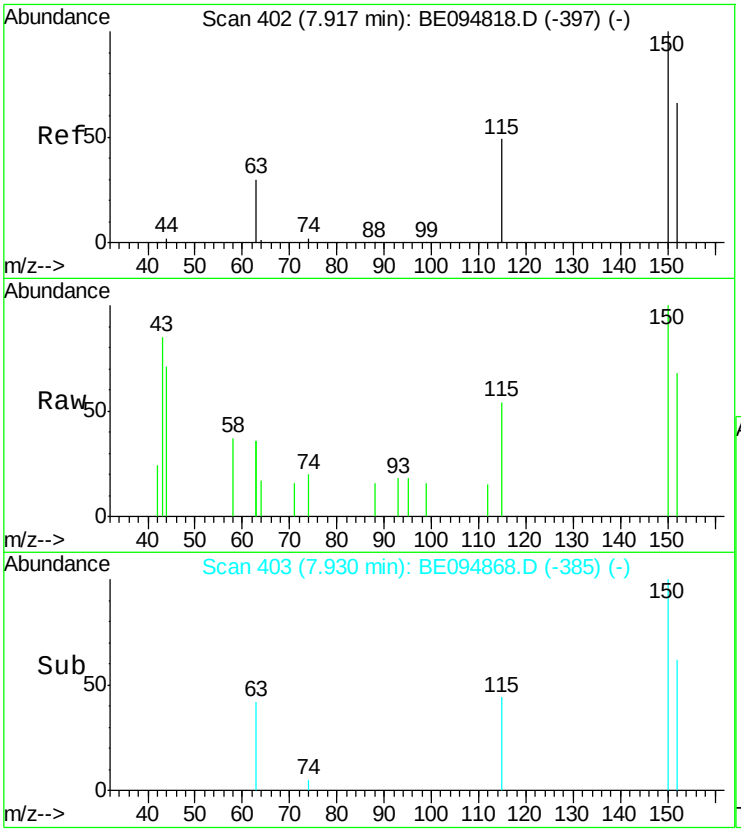
Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA_E\Data\BE112717\
Data File : BE094868.D
Acq On : 27 Nov 2017 12:34
Operator : SJ/JU
Sample : PB104402BS
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument :
BNA_E
ClientSampleId :
PB104402BS

Quant Time: Nov 27 15:29:48 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



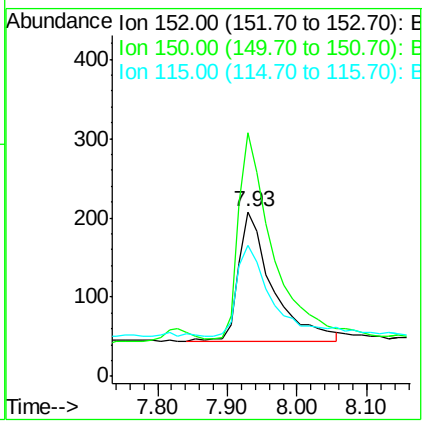


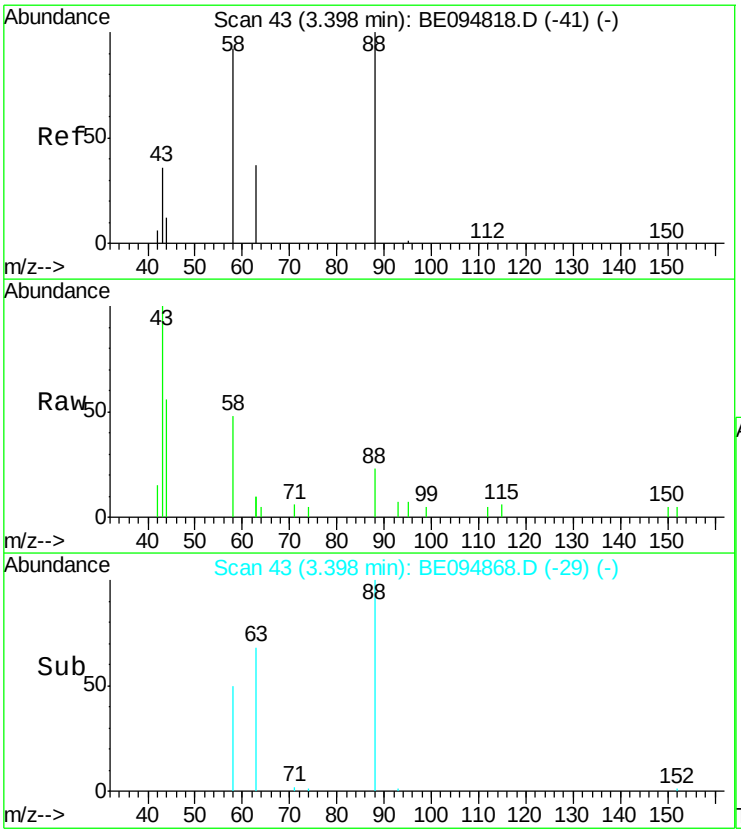
#1
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.93 min Scan# 403
Delta R.T. 0.02 min
Lab File: BE094868.D
Acq: 27 Nov 2017 12:34

Instrument :
BNA_E
ClientSampleId :
PB104402BS

Tgt Ion:152 Resp: 547

Ion	Ratio	Lower	Upper
152	100		
150	147.6	117.2	175.8
115	79.8	57.0	85.6

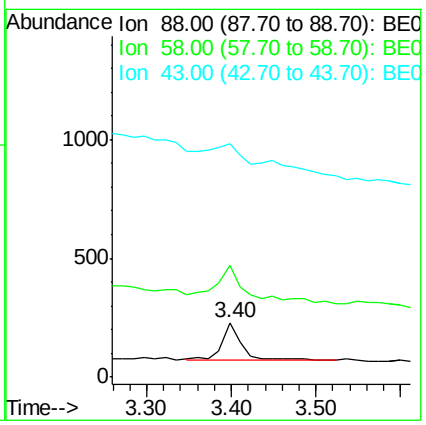


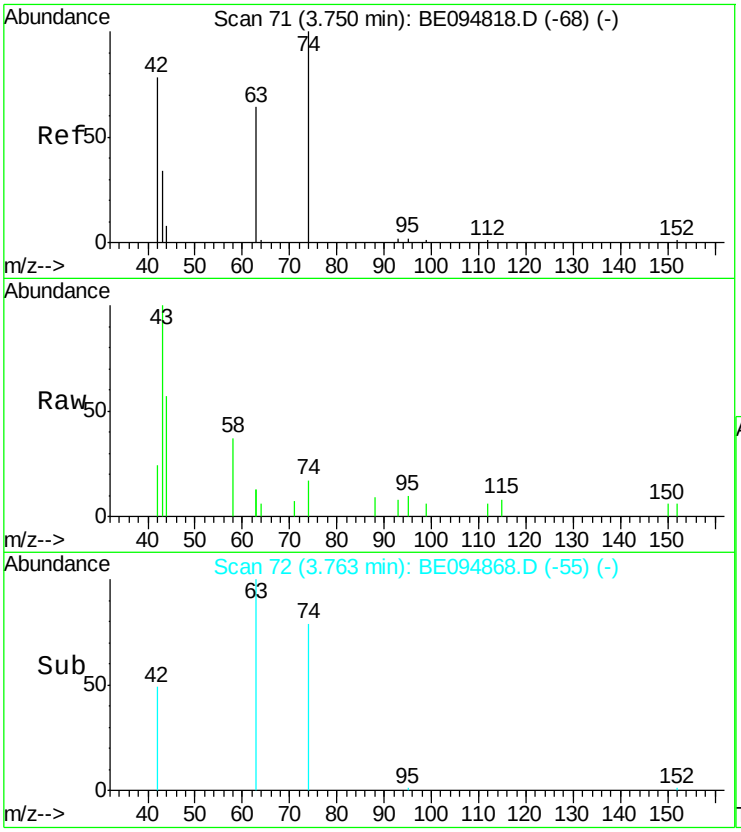


#2
1,4-Dioxane
Concen: 0.280 ng
RT: 3.40 min Scan# 43
Delta R.T. -0.03 min
Lab File: BE094868.D
Acq: 27 Nov 2017 12:34

Tgt Ion: 88 Resp: 259

Ion	Ratio	Lower	Upper
88	100		
58	174.5	63.2	94.8#
43	0.0	41.2	61.8#



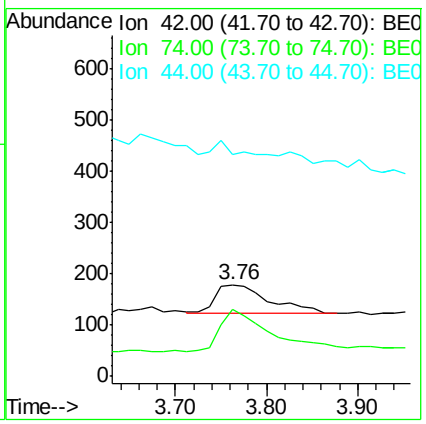


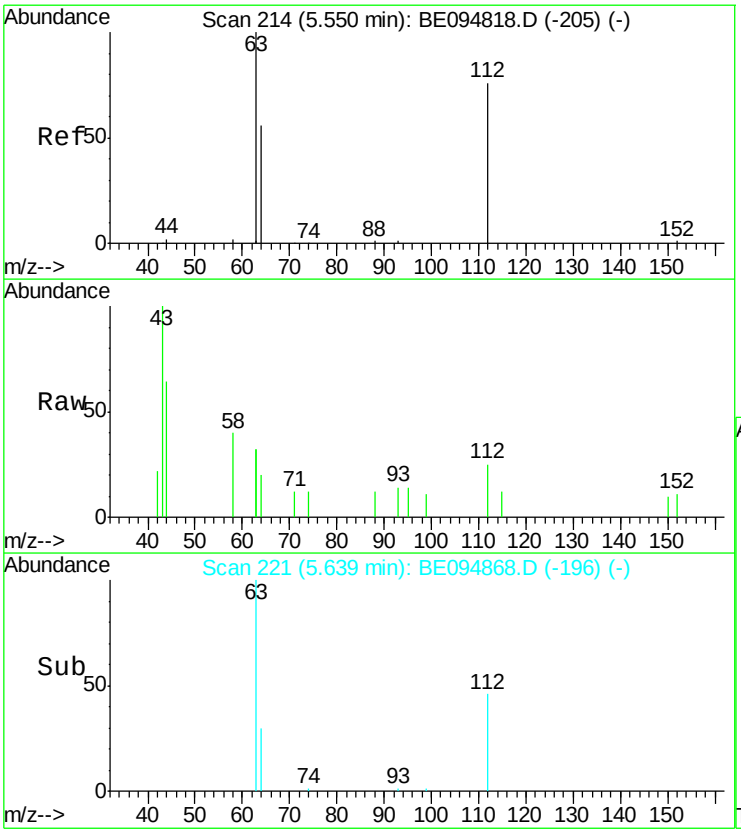
#3
n-Nitrosodimethylamine
Concen: 0.246 ng
RT: 3.76 min Scan# 72
Delta R.T. 0.01 min
Lab File: BE094868.D
Acq: 27 Nov 2017 12:34

Instrument :
BNA_E
ClientSampleId :
PB104402BS

Tgt Ion: 42 Resp: 218

Ion	Ratio	Lower	Upper
42	100		
74	151.4	100.3	150.5#
44	0.0	17.0	25.4#

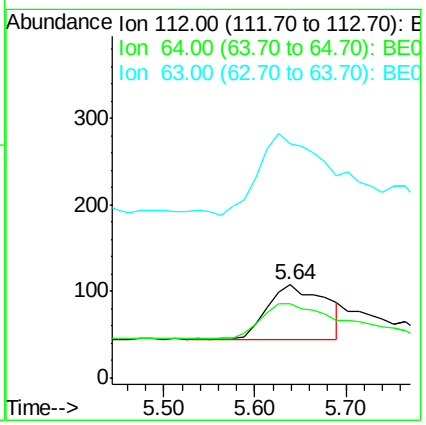


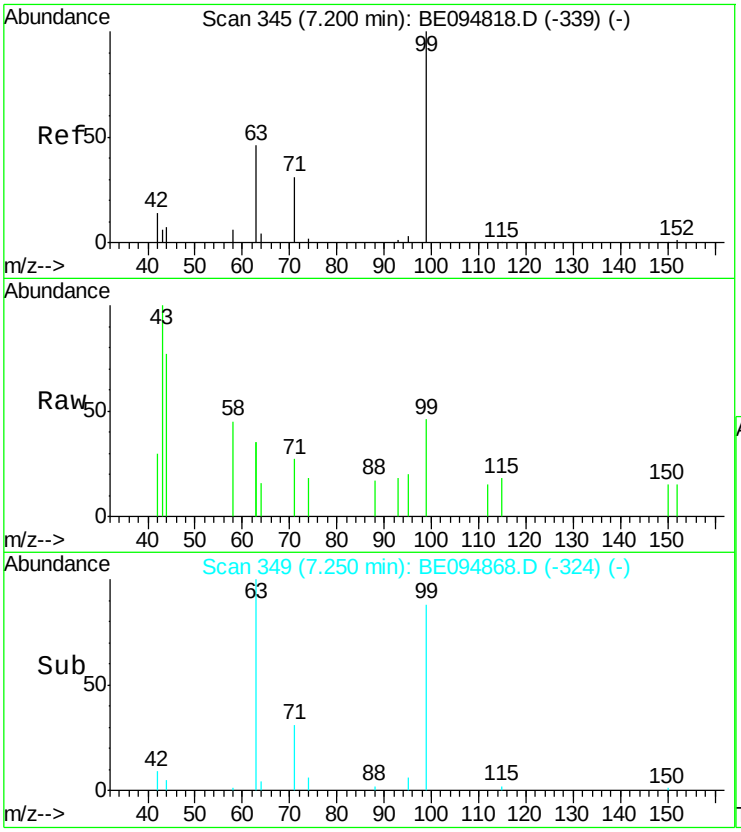


#4
2-Fluorophenol
Concen: 0.151 ng
RT: 5.64 min Scan# 221
Delta R.T. 0.11 min
Lab File: BE094868.D
Acq: 27 Nov 2017 12:34

Tgt Ion:112 Resp: 283

Ion	Ratio	Lower	Upper
112	100		
64	67.1	60.1	90.1
63	155.5	116.8	175.2



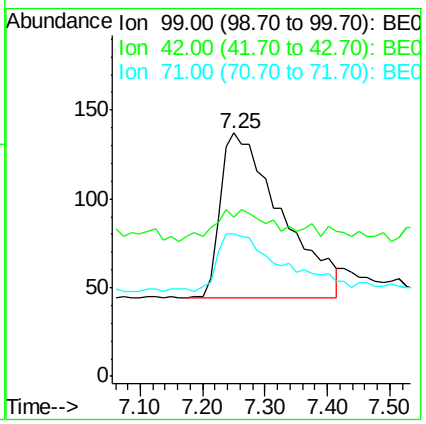


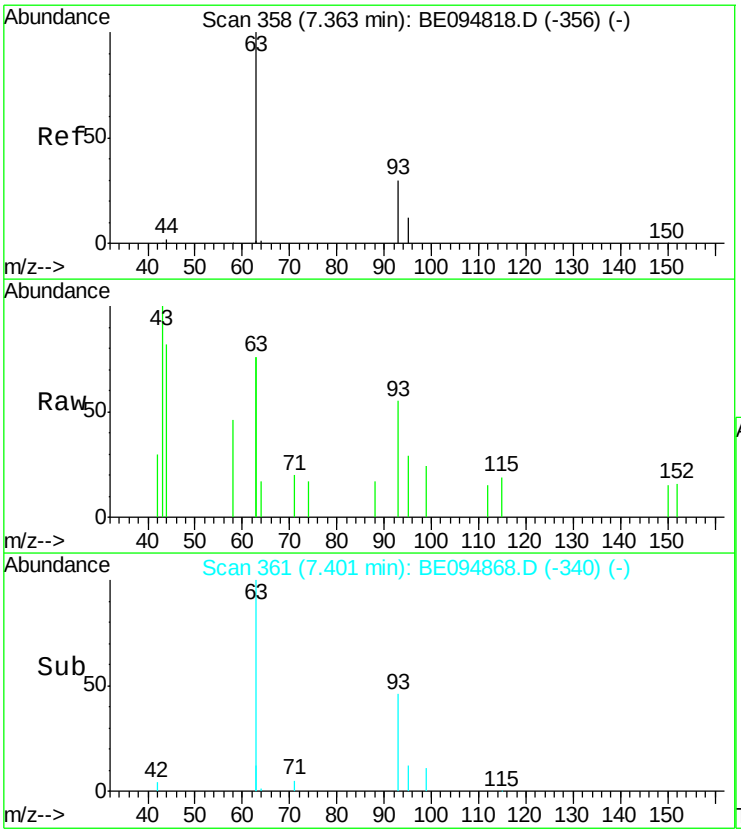
#5
Phenol-d6
Concen: 0.225 ng
RT: 7.25 min Scan# 349
Delta R.T. 0.11 min
Lab File: BE094868.D
Acq: 27 Nov 2017 12:34

Instrument :
BNA_E
ClientSampleId :
PB104402BS

Tgt Ion: 99 Resp: 637

Ion	Ratio	Lower	Upper
99	100		
42	18.8	20.2	30.2#
71	36.1	28.4	42.6

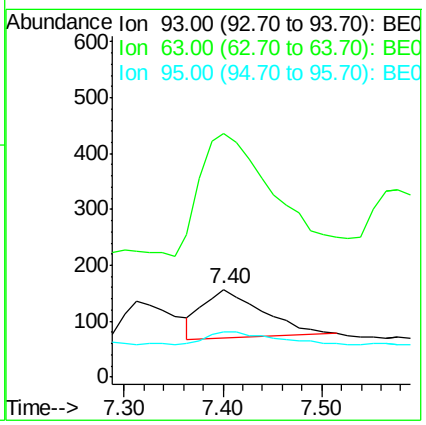


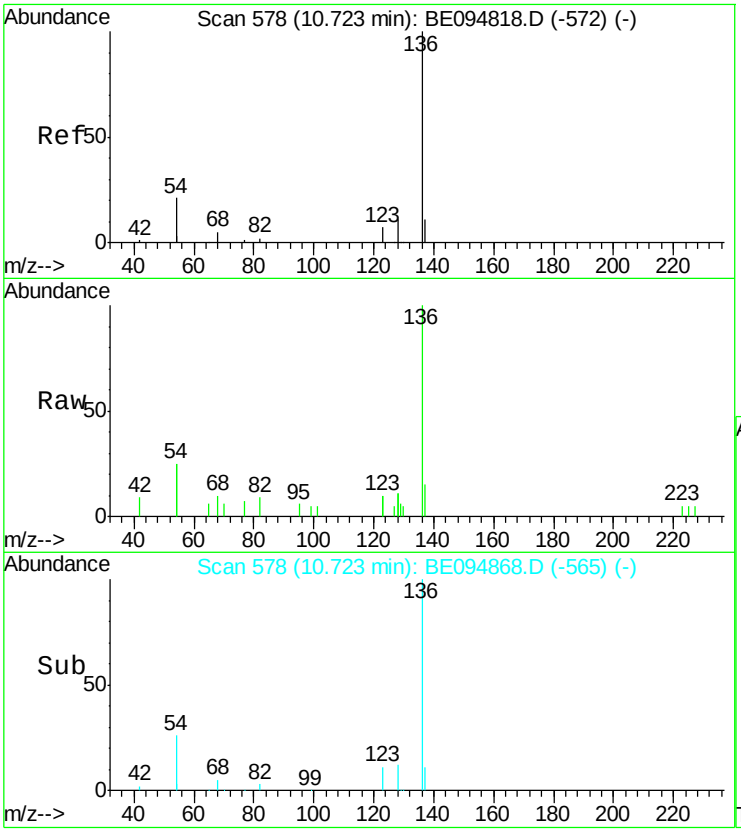


#6
bis(2-Chloroethyl)ether
Concen: 0.166 ng
RT: 7.40 min Scan# 361
Delta R.T. 0.06 min
Lab File: BE094868.D
Acq: 27 Nov 2017 12:34

Tgt Ion: 93 Resp: 363

Ion	Ratio	Lower	Upper
93	100		
63	317.1	275.3	412.9
95	27.8	25.2	37.8



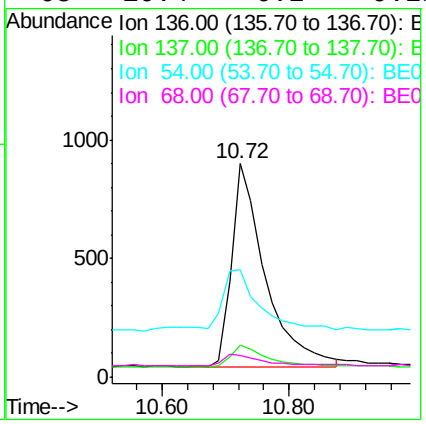


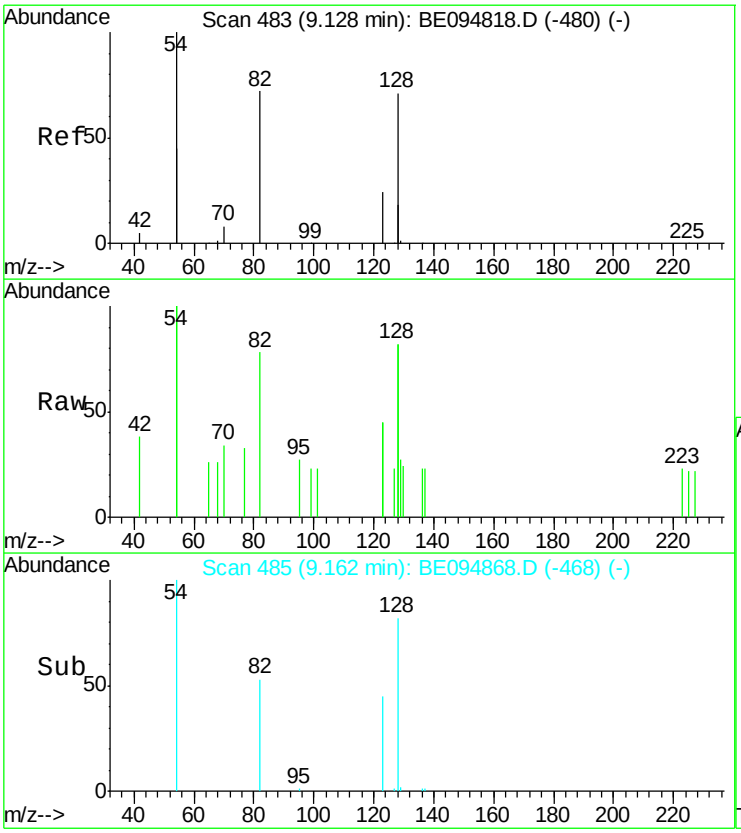
#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.72 min Scan# 578
Delta R.T. 0.02 min
Lab File: BE094868.D
Acq: 27 Nov 2017 12:34

Instrument :
BNA_E
ClientSampleId :
PB104402BS

Tgt Ion:136 Resp: 3152

Ion	Ratio	Lower	Upper
136	100		
137	14.9	9.5	14.3#
54	50.2	29.1	43.7#
68	10.4	6.2	9.2#

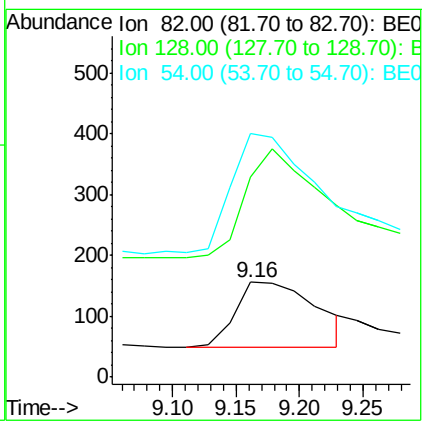


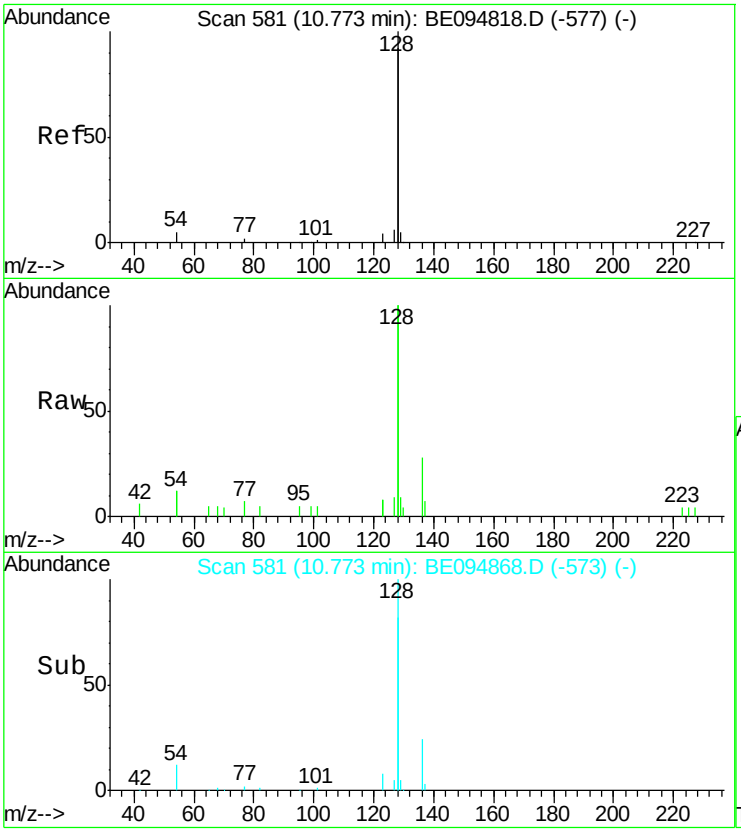


#8
Nitrobenzene-d5
Concen: 0.185 ng
RT: 9.16 min Scan# 485
Delta R.T. 0.08 min
Lab File: BE094868.D
Acq: 27 Nov 2017 12:34

Tgt Ion: 82 Resp: 466

Ion	Ratio	Lower	Upper
82	100		
128	210.3	150.0	225.0
54	256.4	154.2	231.4#



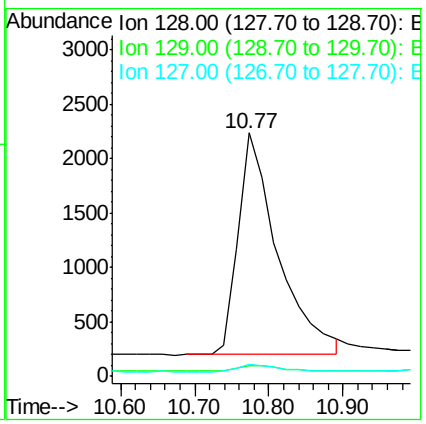


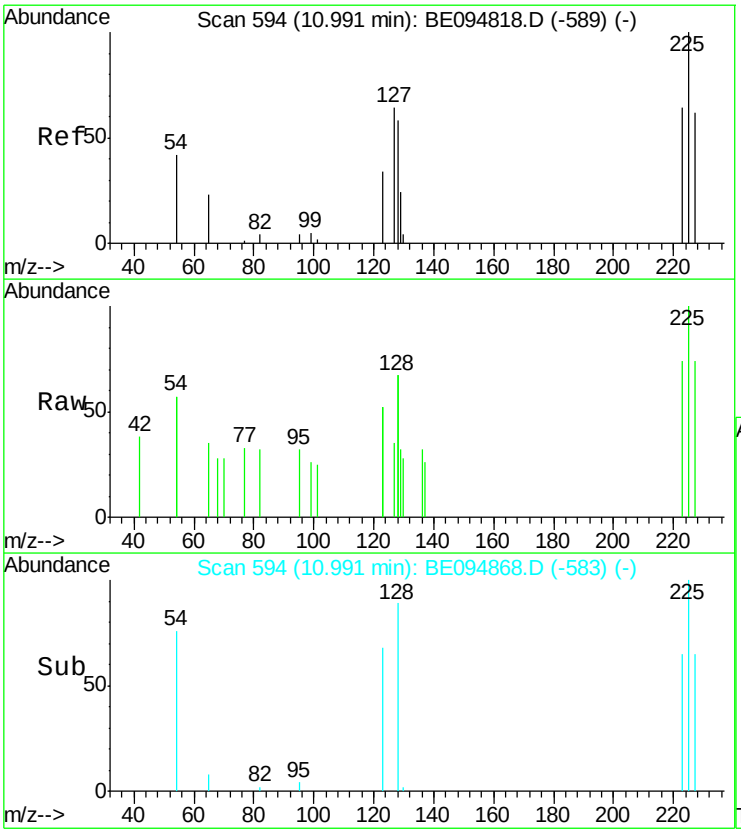
#9
Naphthalene
Concen: 0.212 ng
RT: 10.77 min Scan# 581
Delta R.T. 0.03 min
Lab File: BE094868.D
Acq: 27 Nov 2017 12:34

Instrument :
BNA_E
ClientSampleId :
PB104402BS

Tgt Ion:128 Resp: 7564

Ion	Ratio	Lower	Upper
128	100		
129	4.6	2.6	3.8#
127	4.7	2.8	4.2#

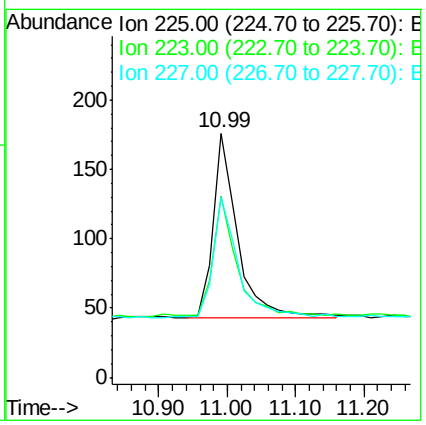


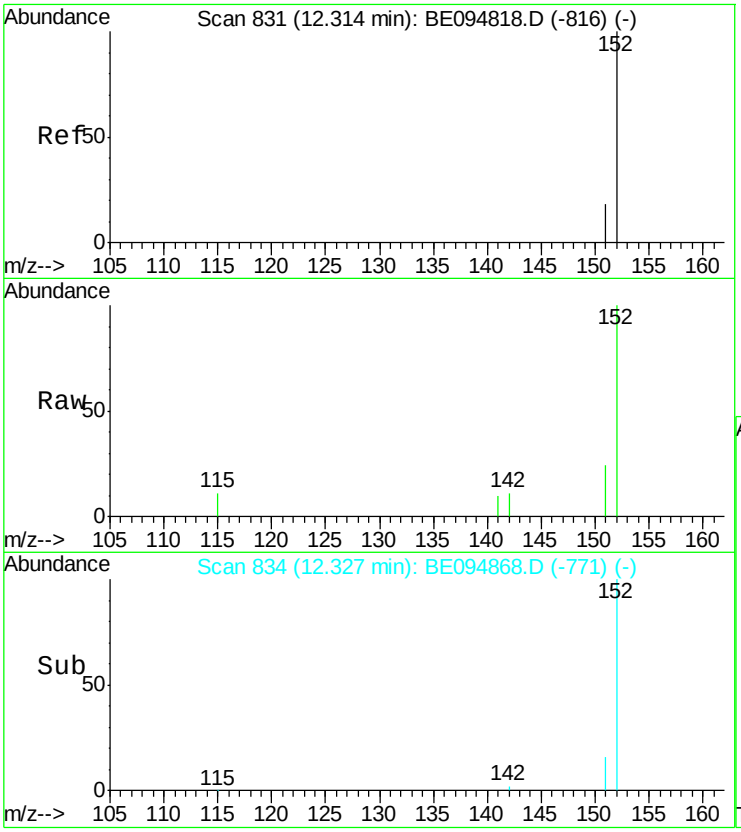


#10
Hexachlorobutadiene
Concen: 0.258 ng
RT: 10.99 min Scan# 594
Delta R.T. -0.02 min
Lab File: BE094868.D
Acq: 27 Nov 2017 12:34

Tgt Ion:225 Resp: 333

Ion	Ratio	Lower	Upper
225	100		
223	61.9	53.0	79.6
227	67.9	51.4	77.2



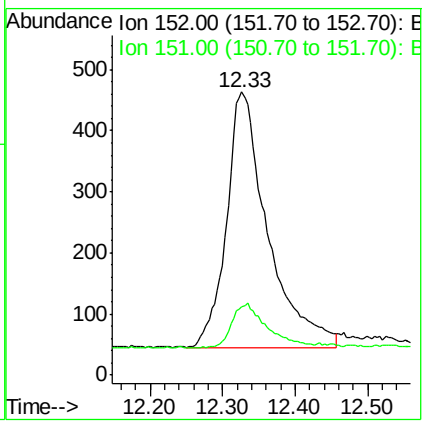


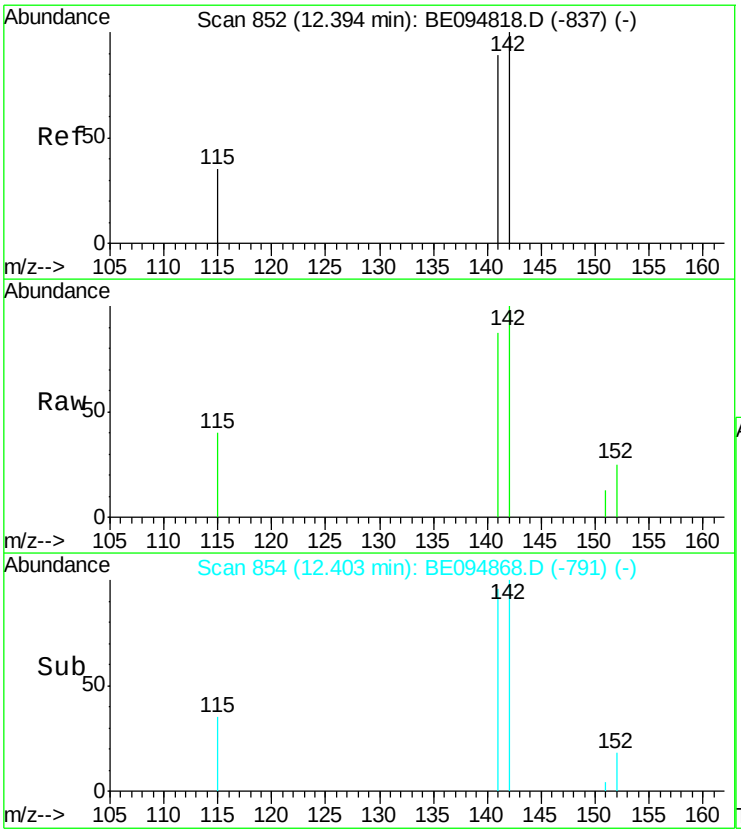
#11
2-Methylnaphthalene-d10
Concen: 0.327 ng
RT: 12.33 min Scan# 834
Delta R.T. 0.04 min
Lab File: BE094868.D
Acq: 27 Nov 2017 12:34

Instrument :
BNA_E
ClientSampleId :
PB104402BS

Tgt Ion:152 Resp: 1654

Ion	Ratio	Lower	Upper
152	100		
151	15.2	15.4	23.0#

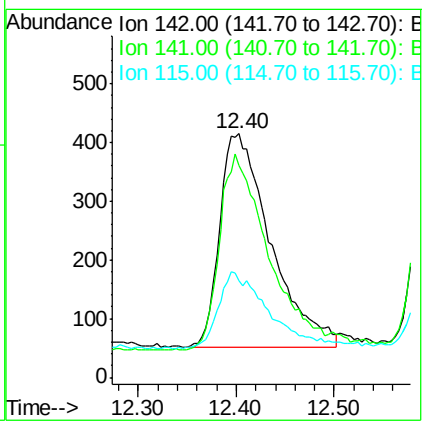


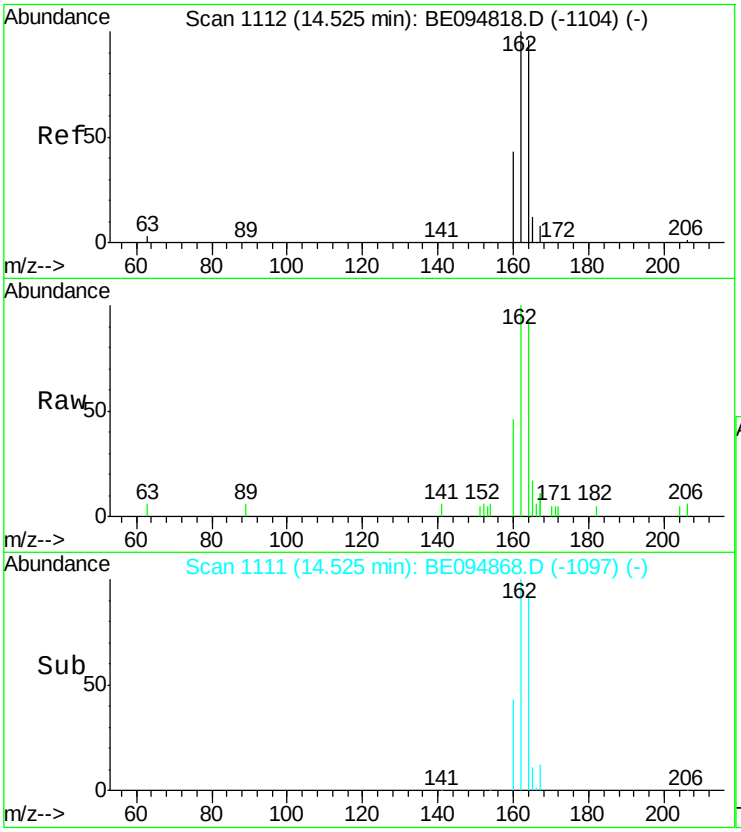


#12
2-Methylnaphthalene
Concen: 0.218 ng
RT: 12.40 min Scan# 854
Delta R.T. 0.04 min
Lab File: BE094868.D
Acq: 27 Nov 2017 12:34

Tgt Ion:142 Resp: 1319

Ion	Ratio	Lower	Upper
142	100		
141	87.0	70.4	105.6
115	39.8	31.7	47.5



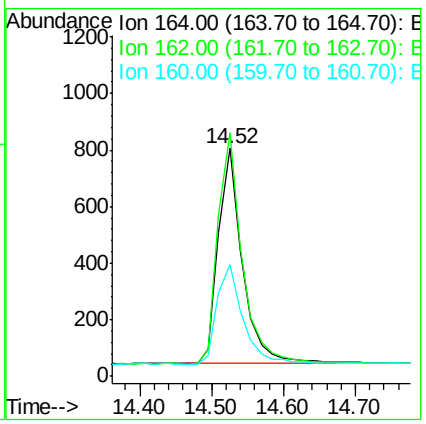


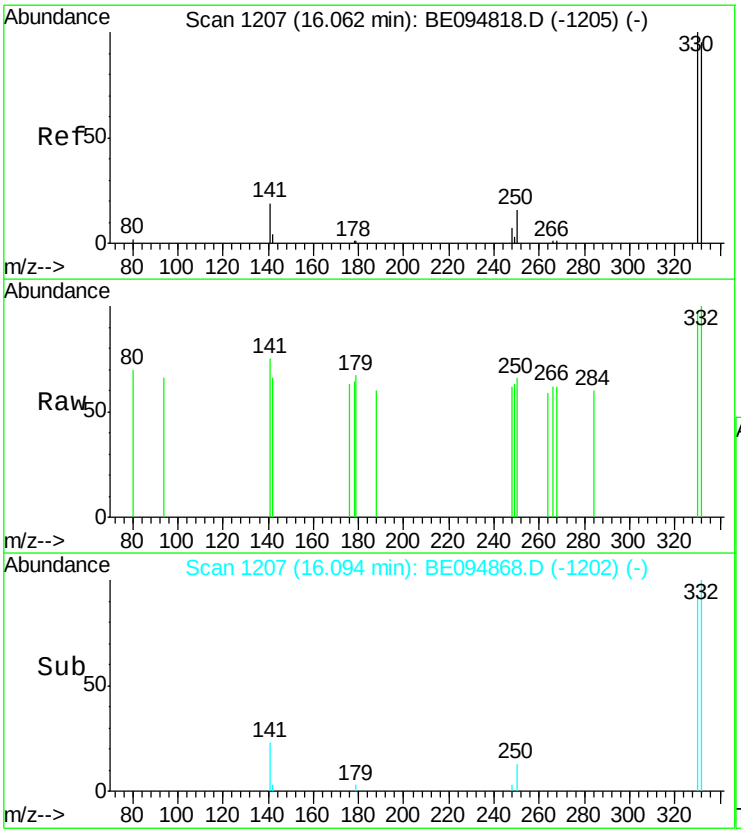
#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.52 min Scan# 1111
Delta R.T. 0.01 min
Lab File: BE094868.D
Acq: 27 Nov 2017 12:34

Instrument :
BNA_E
ClientSampleId :
PB104402BS

Tgt Ion:164 Resp: 1775

Ion	Ratio	Lower	Upper
164	100		
162	107.0	83.1	124.7
160	49.2	37.1	55.7

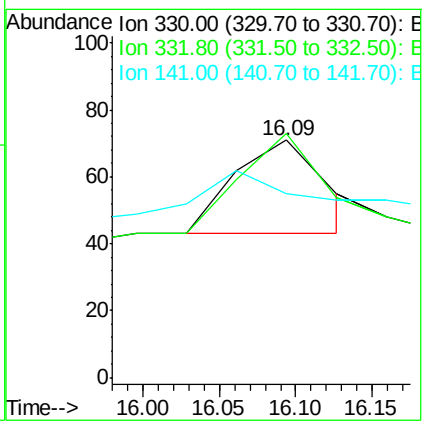


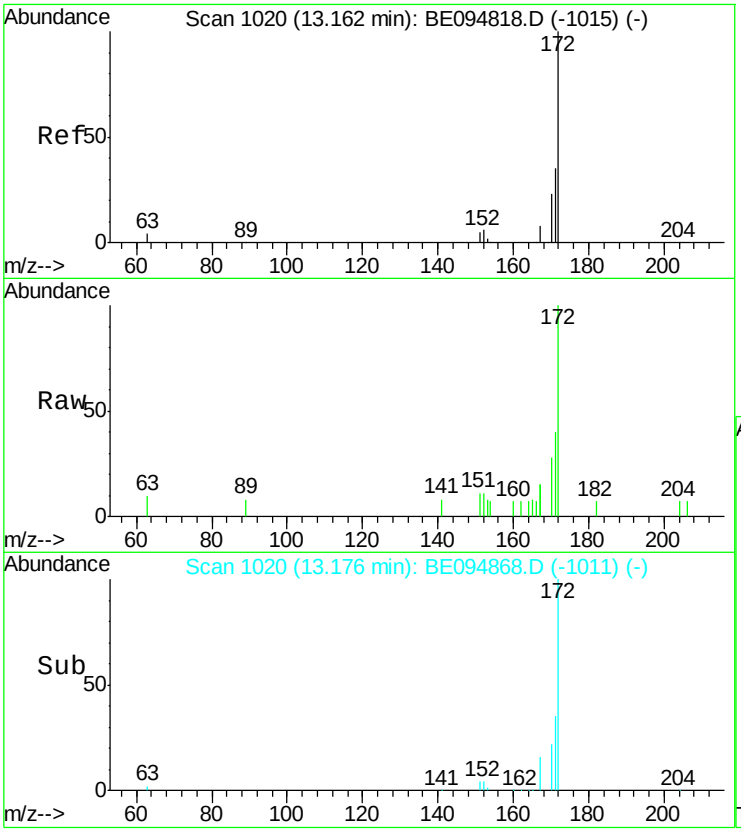


#14
2,4,6-Tribromophenol
Concen: 0.235 ng
RT: 16.09 min Scan# 1207
Delta R.T. 0.06 min
Lab File: BE094868.D
Acq: 27 Nov 2017 12:34

Tgt Ion:330 Resp: 115

Ion	Ratio	Lower	Upper
330	100		
332	96.5	152.7	229.1#
141	0.0	33.7	50.5#



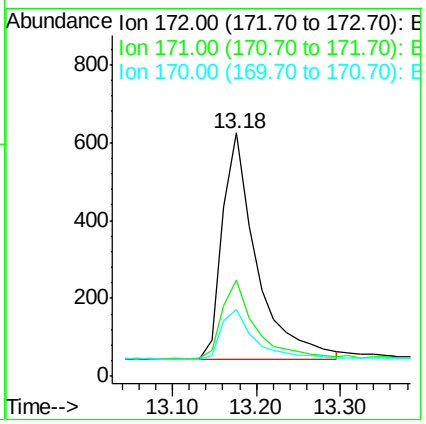


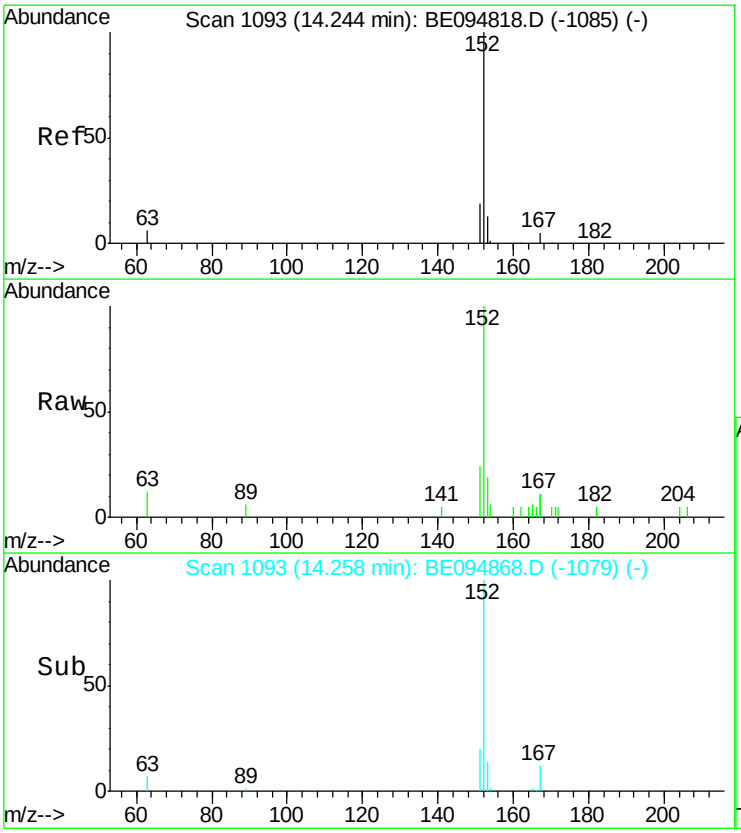
#15
2-Fluorobiphenyl
Concen: 0.264 ng
RT: 13.18 min Scan# 1020
Delta R.T. 0.03 min
Lab File: BE094868.D
Acq: 27 Nov 2017 12:34

Instrument :
BNA_E
ClientSampleId :
PB104402BS

Tgt Ion:172 Resp: 1650

Ion	Ratio	Lower	Upper
172	100		
171	39.5	29.9	44.9
170	27.5	21.8	32.8

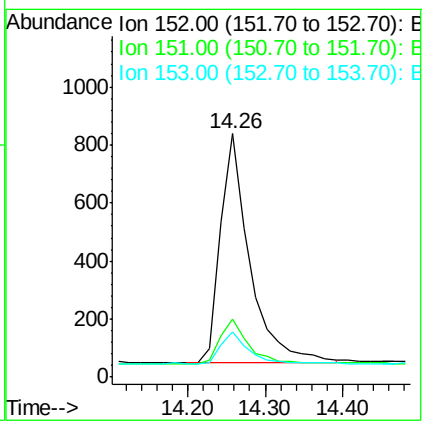


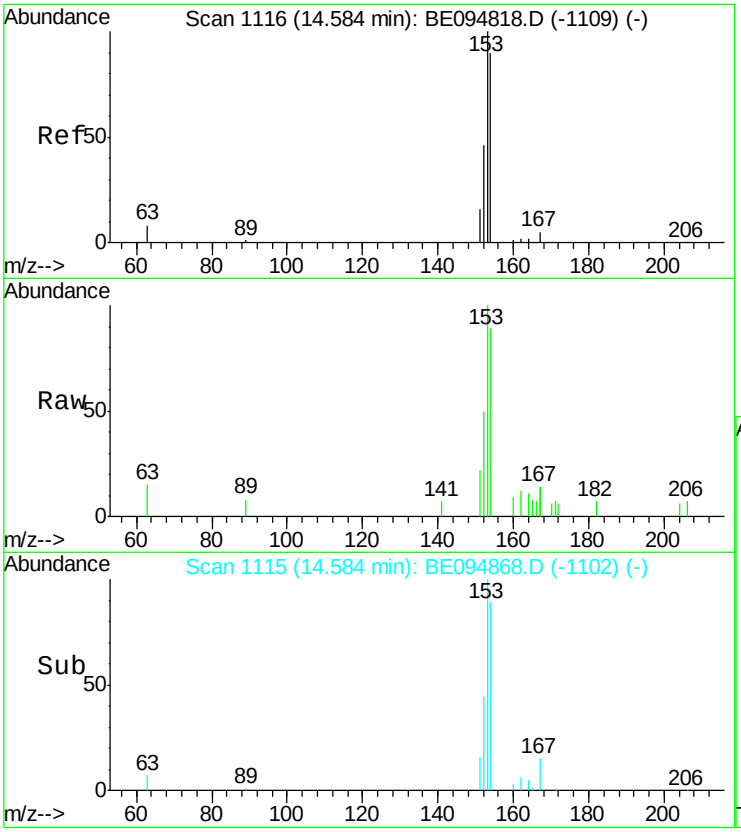


#16
Acenaphthylene
Concen: 0.221 ng
RT: 14.26 min Scan# 1093
Delta R.T. 0.01 min
Lab File: BE094868.D
Acq: 27 Nov 2017 12:34

Tgt Ion:152 Resp: 2075

Ion	Ratio	Lower	Upper
152	100		
151	19.5	15.7	23.5
153	14.5	10.5	15.7



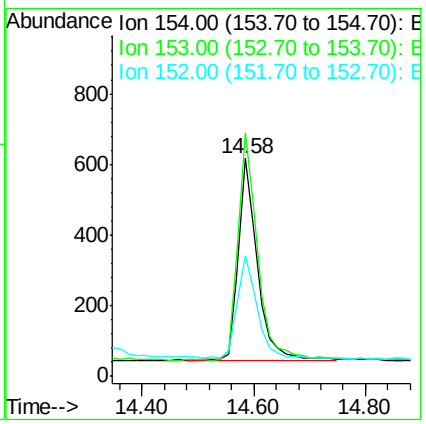


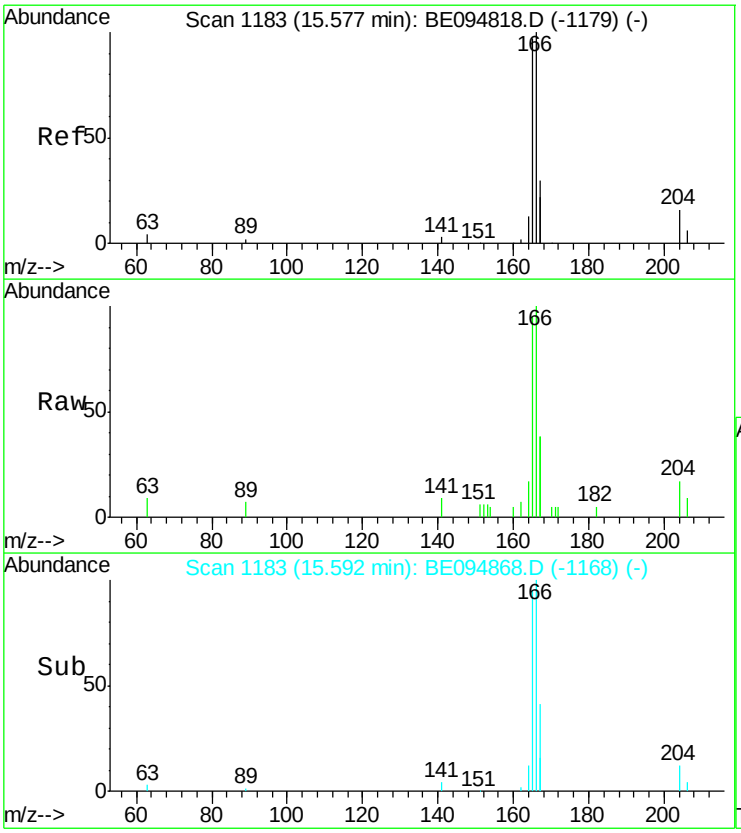
#17
Acenaphthene
Concen: 0.226 ng
RT: 14.58 min Scan# 1115
Delta R.T. -0.00 min
Lab File: BE094868.D
Acq: 27 Nov 2017 12:34

Instrument :
BNA_E
ClientSampleId :
PB104402BS

Tgt Ion:154 Resp: 1362

Ion	Ratio	Lower	Upper
154	100		
153	115.0	89.2	133.8
152	52.1	42.0	63.0

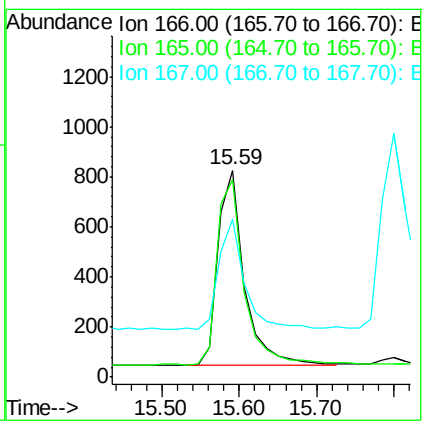


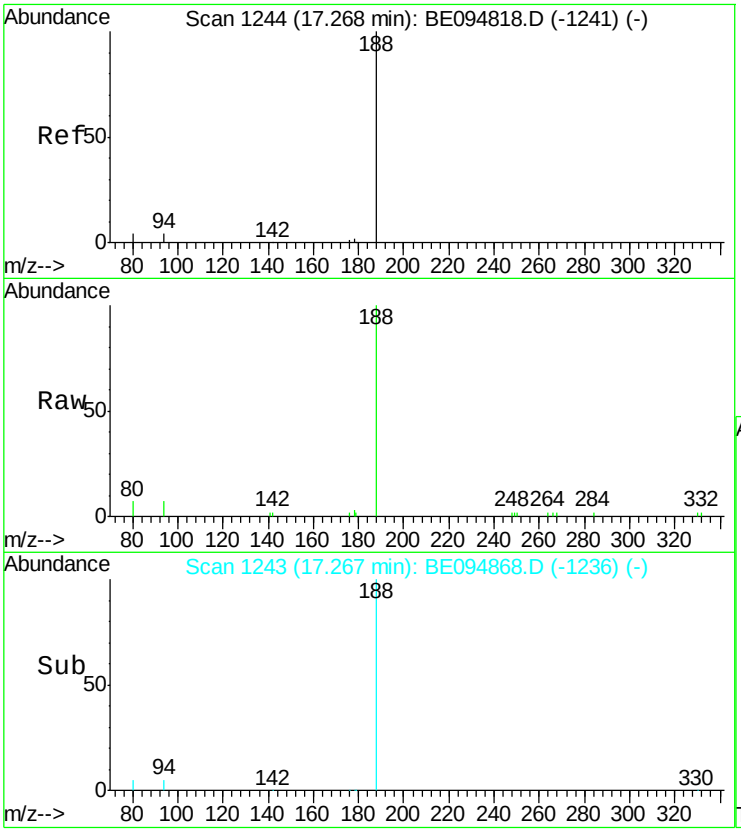


#18
Fluorene
Concen: 0.239 ng
RT: 15.59 min Scan# 1183
Delta R.T. 0.03 min
Lab File: BE094868.D
Acq: 27 Nov 2017 12:34

Tgt Ion:166 Resp: 1844

Ion	Ratio	Lower	Upper
166	100		
165	97.2	77.8	116.6
167	55.5	42.4	63.6



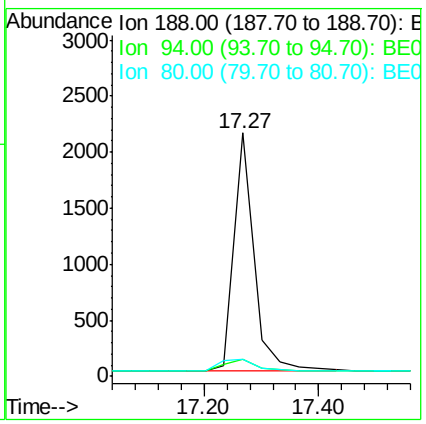


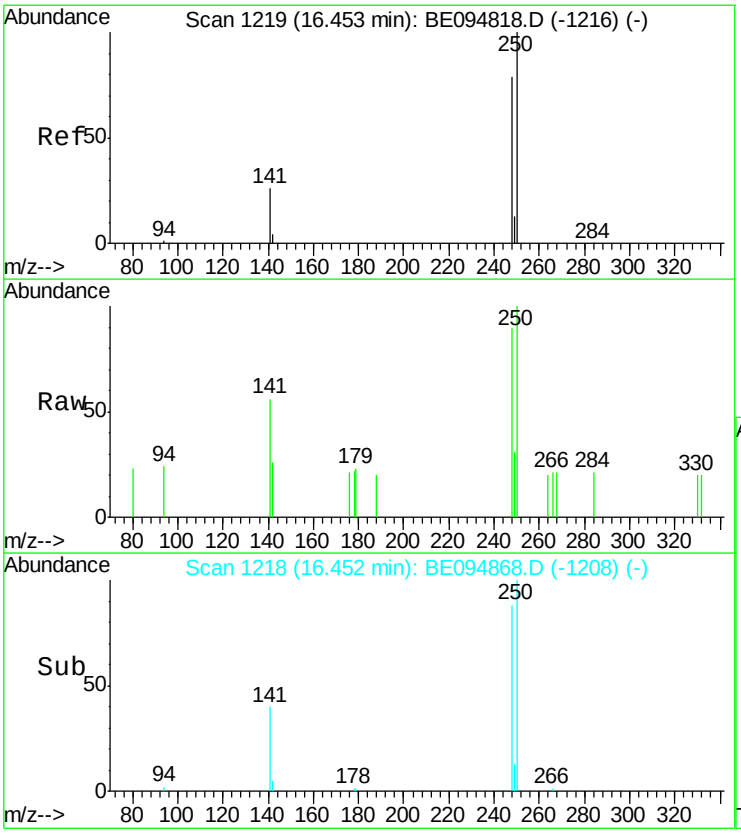
#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.27 min Scan# 1243
Delta R.T. 0.03 min
Lab File: BE094868.D
Acq: 27 Nov 2017 12:34

Instrument :
BNA_E
ClientSampleId :
PB104402BS

Tgt Ion:188 Resp: 5136

Ion	Ratio	Lower	Upper
188	100		
94	6.8	3.9	5.9#
80	7.0	3.6	5.4#

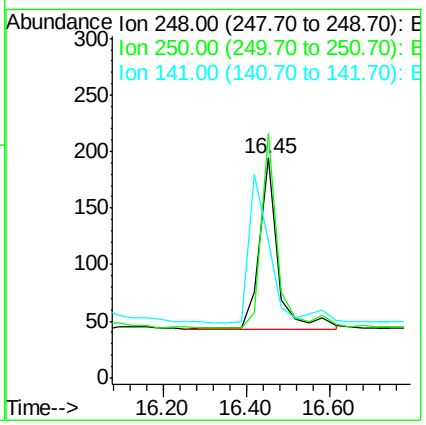


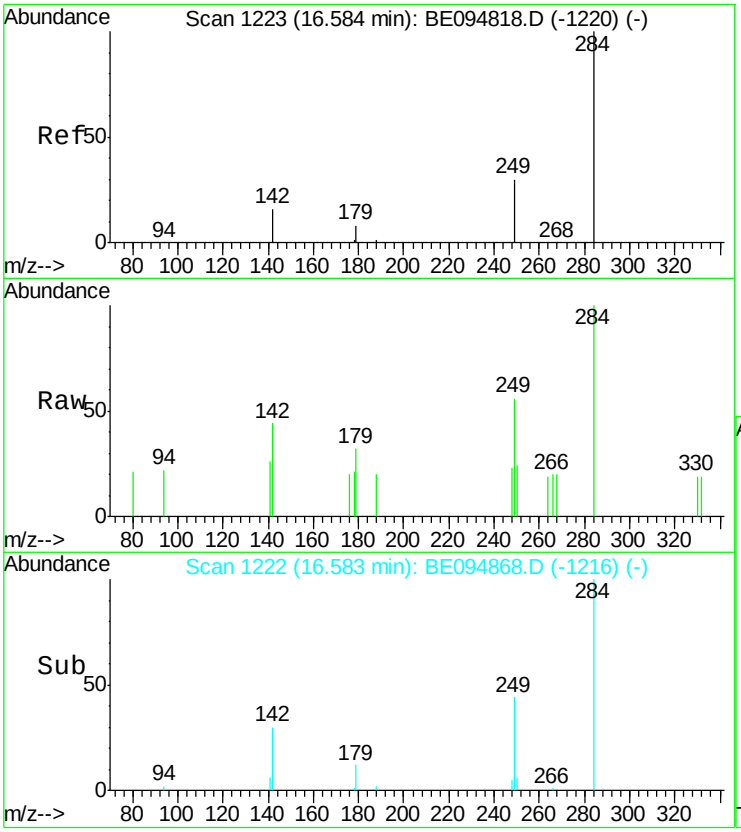


#20
4-Bromophenyl-phenylether
Concen: 0.168 ng
RT: 16.45 min Scan# 1218
Delta R.T. 0.03 min
Lab File: BE094868.D
Acq: 27 Nov 2017 12:34

Tgt Ion:248 Resp: 471

Ion	Ratio	Lower	Upper
248	100		
250	111.3	62.7	94.1#
141	62.4	48.2	72.2



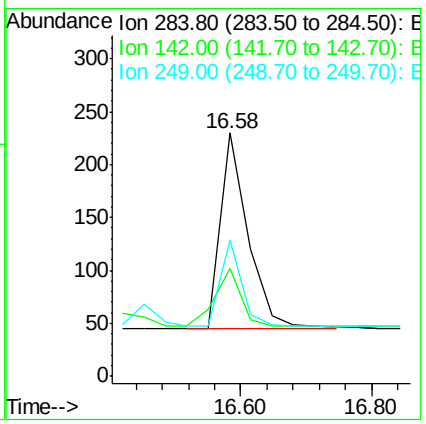


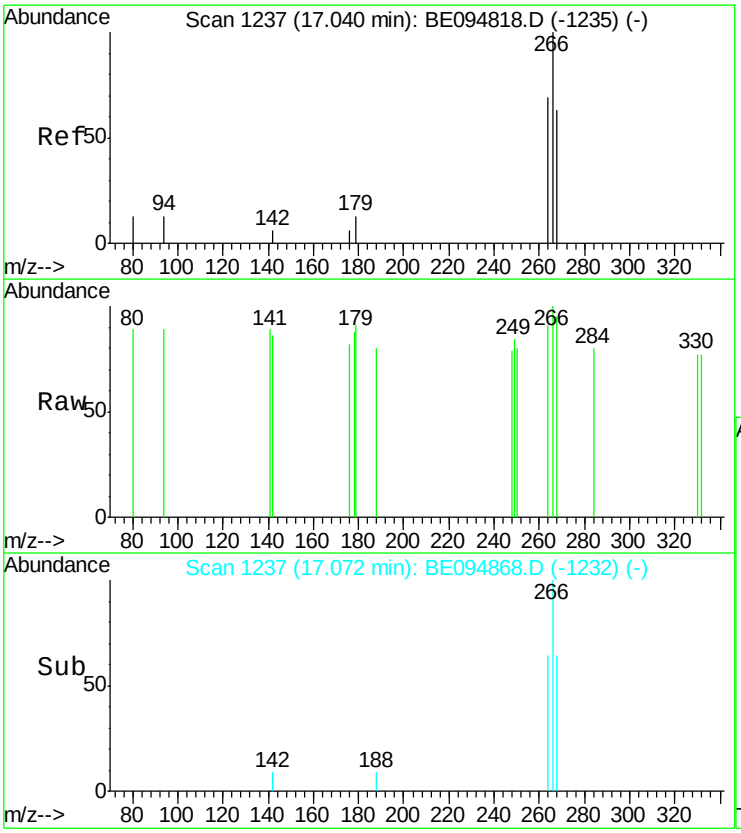
#21
Hexachlorobenzene
Concen: 0.222 ng
RT: 16.58 min Scan# 1222
Delta R.T. -0.00 min
Lab File: BE094868.D
Acq: 27 Nov 2017 12:34

Instrument :
BNA_E
ClientSampleId :
PB104402BS

Tgt Ion:284 Resp: 546

Ion	Ratio	Lower	Upper
284	100		
142	28.0	22.1	33.1
249	36.3	34.8	52.2

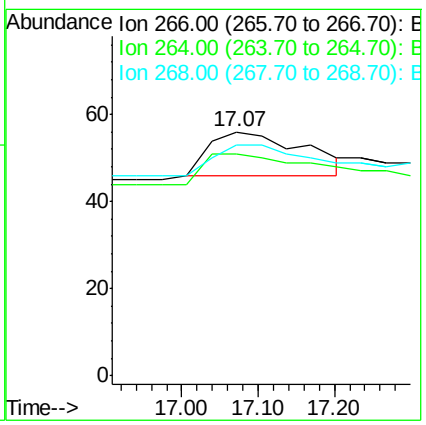


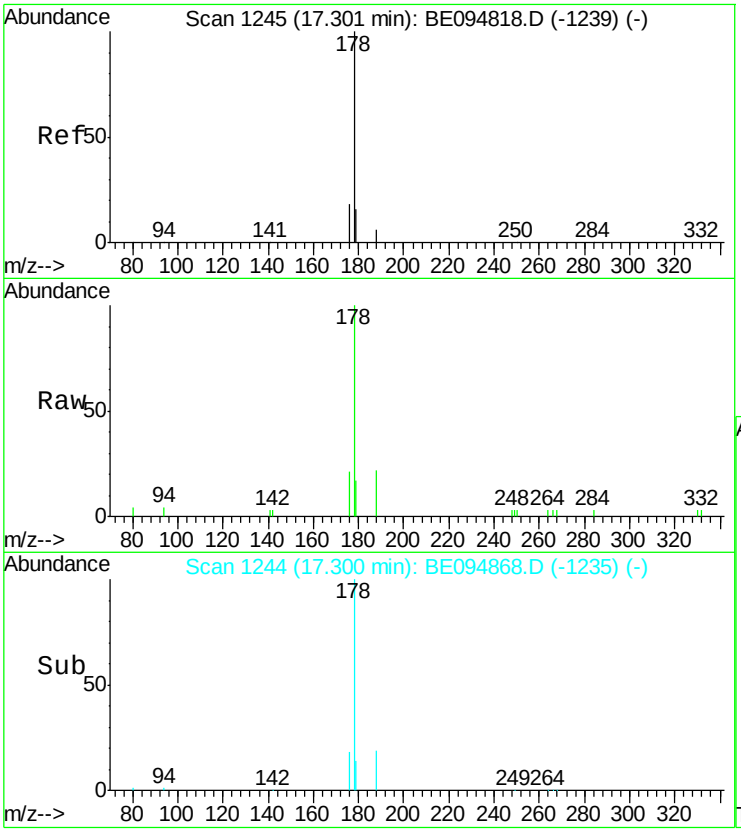


#22
Pentachlorophenol
Concen: 0.274 ng
RT: 17.07 min Scan# 1237
Delta R.T. 0.06 min
Lab File: BE094868.D
Acq: 27 Nov 2017 12:34

Tgt Ion:266 Resp: 86

Ion	Ratio	Lower	Upper
266	100		
264	91.1	72.5	108.7
268	94.6	73.8	110.6



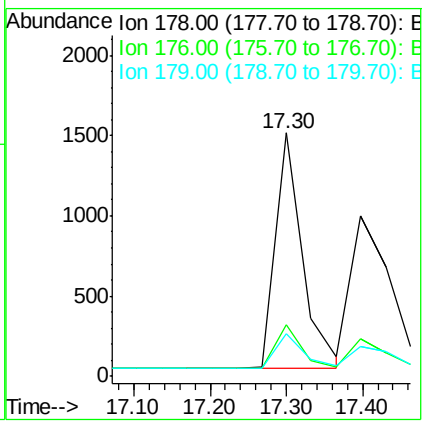


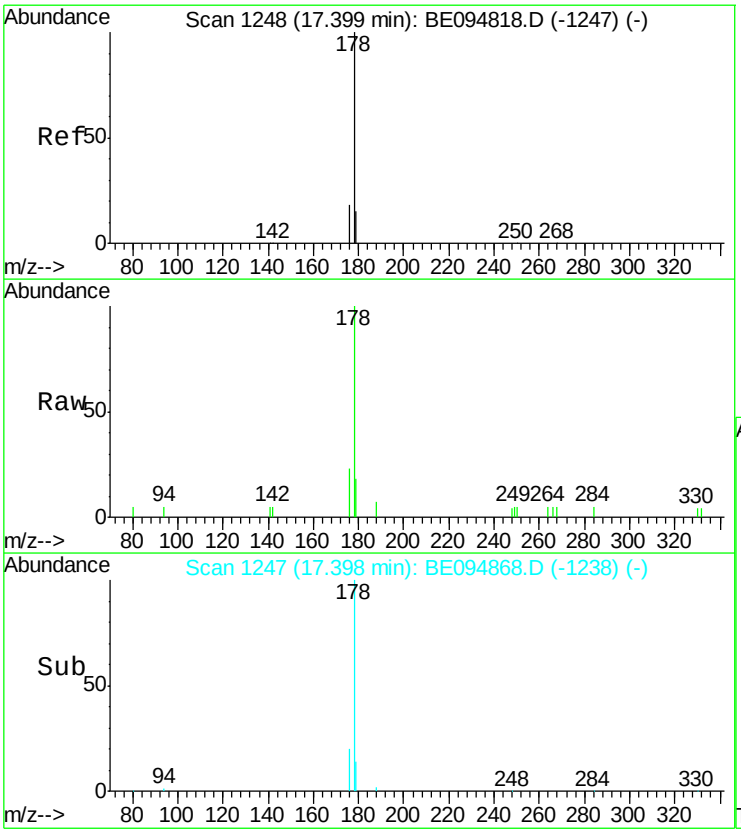
#23
Phenanthrene
Concen: 0.244 ng
RT: 17.30 min Scan# 1244
Delta R.T. -0.00 min
Lab File: BE094868.D
Acq: 27 Nov 2017 12:34

Instrument :
BNA_E
ClientSampleId :
PB104402BS

Tgt Ion:178 Resp: 3652

Ion	Ratio	Lower	Upper
178	100		
176	18.1	15.1	22.7
179	14.9	11.8	17.6

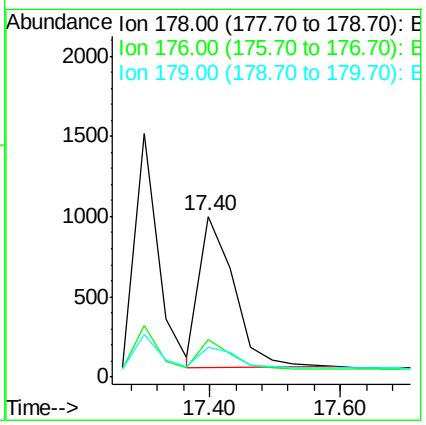


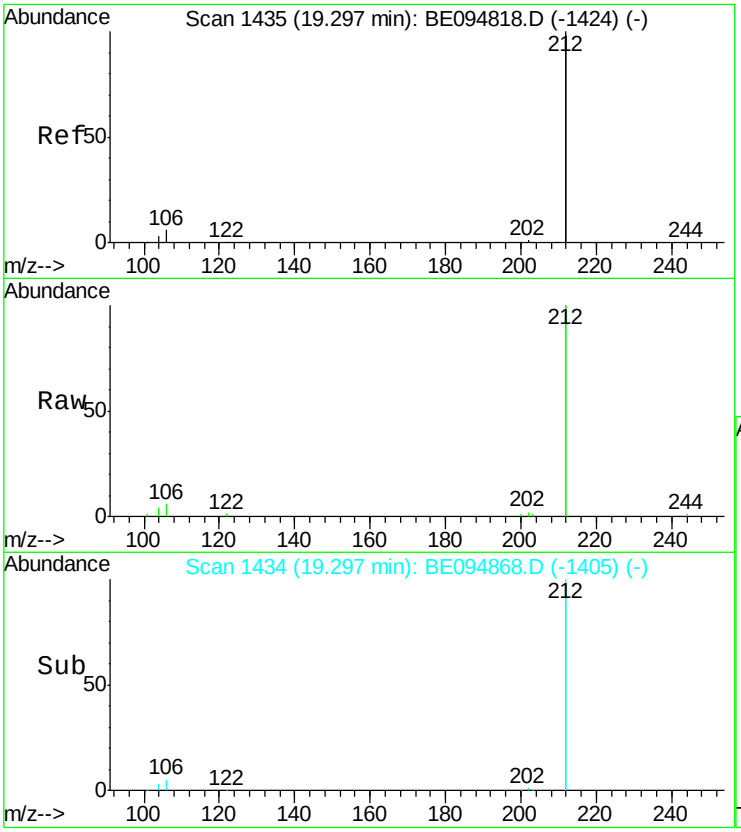


#24
Anthracene
Concen: 0.230 ng
RT: 17.40 min Scan# 1247
Delta R.T. -0.00 min
Lab File: BE094868.D
Acq: 27 Nov 2017 12:34

Tgt Ion:178 Resp: 3477

Ion	Ratio	Lower	Upper
178	100		
176	17.7	12.8	19.2
179	15.4	13.0	19.6



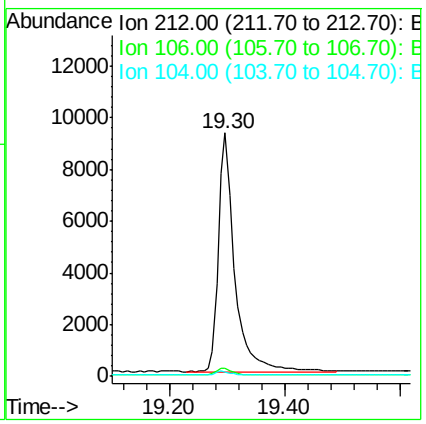


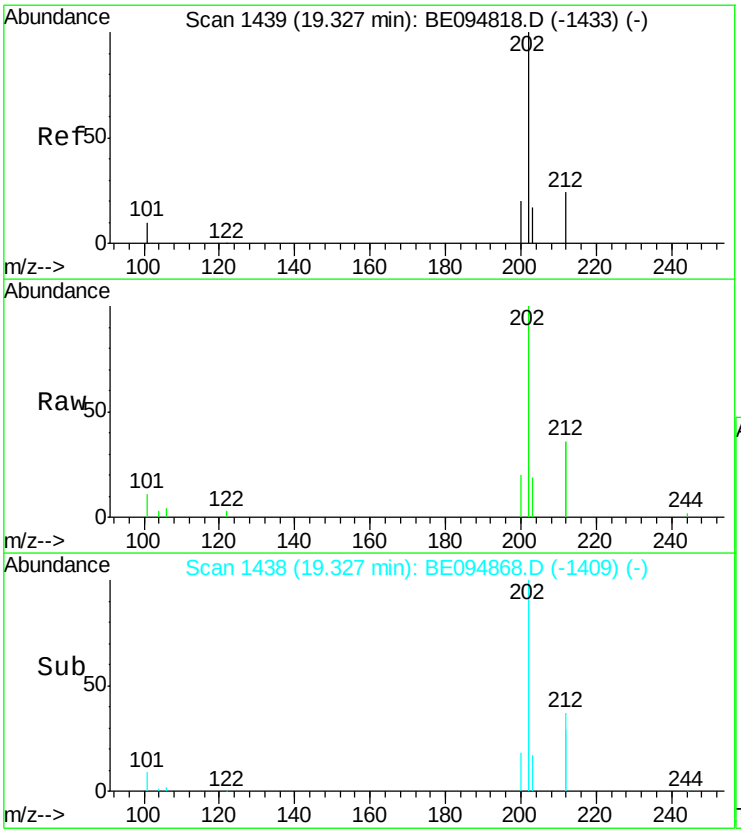
#25
Fluoranthene-d10
Concen: 0.261 ng
RT: 19.30 min Scan# 1434
Delta R.T. 0.02 min
Lab File: BE094868.D
Acq: 27 Nov 2017 12:34

Instrument :
BNA_E
ClientSampleId :
PB104402BS

Tgt Ion:212 Resp: 18164

Ion	Ratio	Lower	Upper
212	100		
106	3.0	2.8	4.2
104	1.6	1.6	2.4#

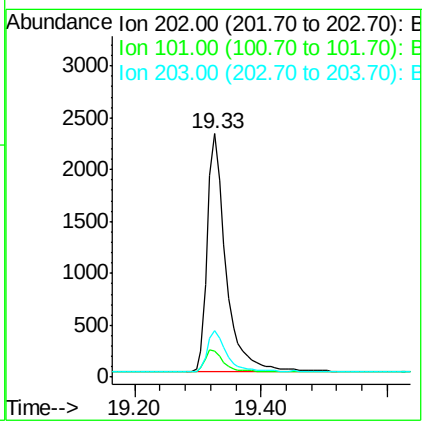


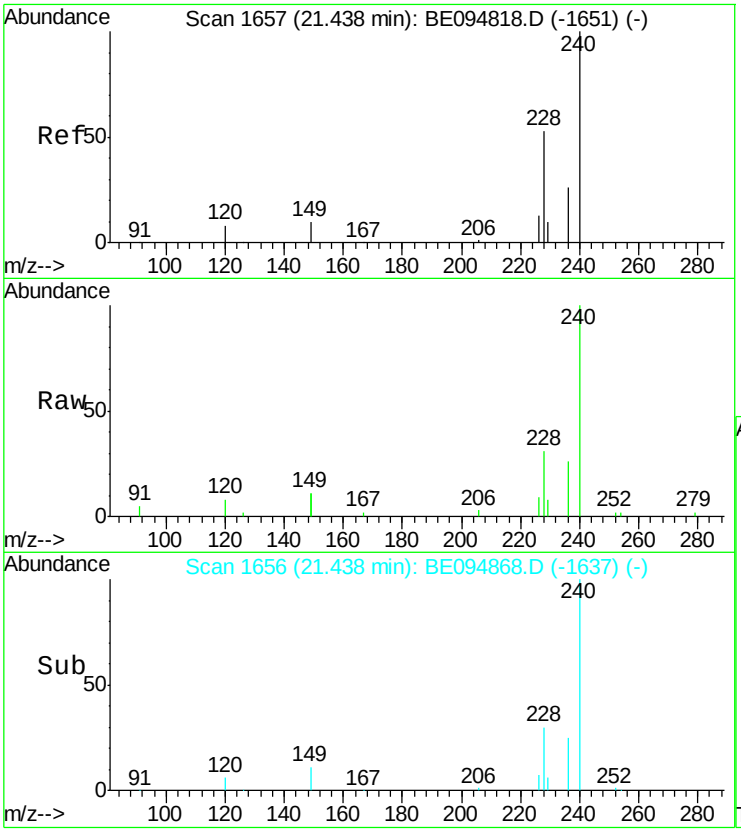


#26
Fluoranthene
Concen: 0.213 ng
RT: 19.33 min Scan# 1438
Delta R.T. 0.01 min
Lab File: BE094868.D
Acq: 27 Nov 2017 12:34

Tgt Ion:202 Resp: 4752

Ion	Ratio	Lower	Upper
202	100		
101	9.5	9.8	14.8#
203	17.3	13.7	20.5



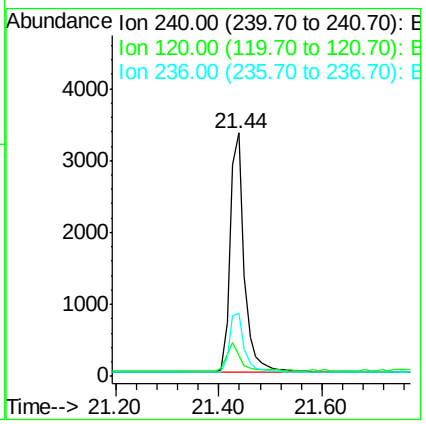


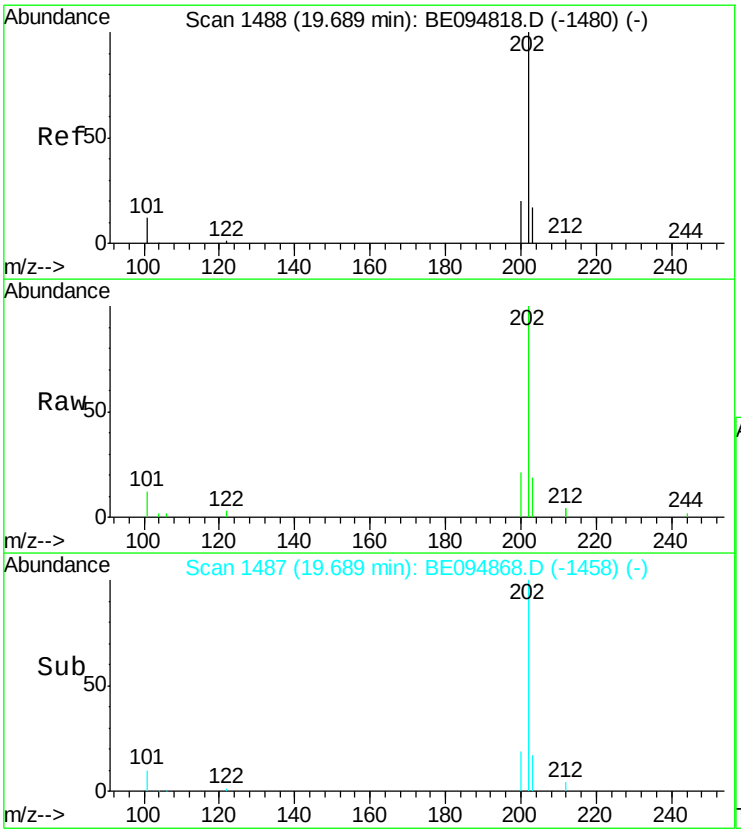
#27
Chrysene-d12
Concen: 0.400 ng
RT: 21.44 min Scan# 1656
Delta R.T. 0.01 min
Lab File: BE094868.D
Acq: 27 Nov 2017 12:34

Instrument :
BNA_E
ClientSampleId :
PB104402BS

Tgt Ion:240 Resp: 6366

Ion	Ratio	Lower	Upper
240	100		
120	8.4	5.5	8.3#
236	26.0	20.7	31.1

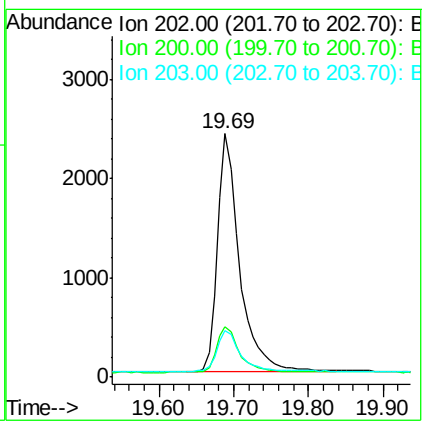


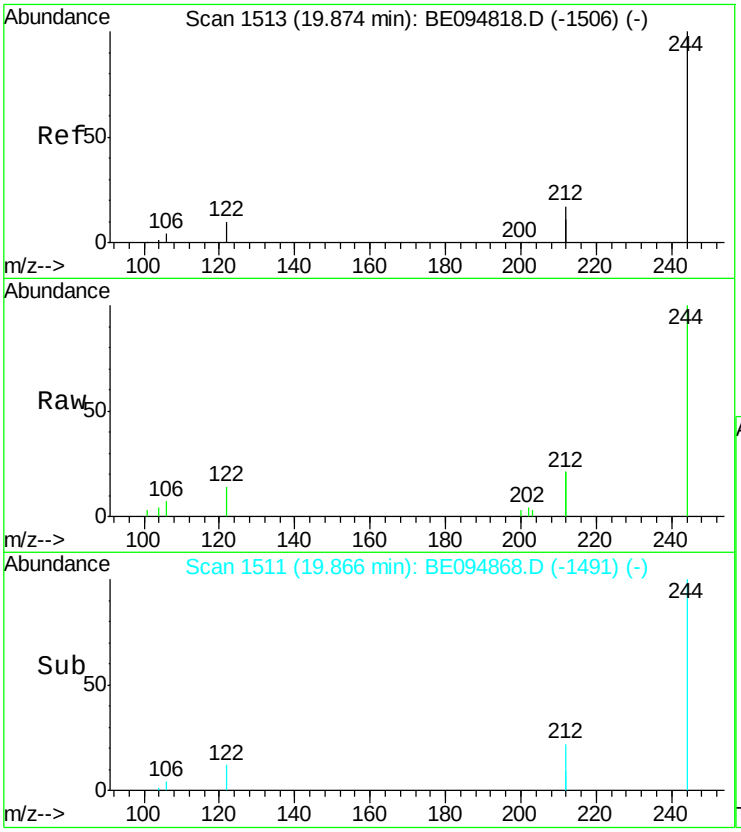


#28
Pyrene
Concen: 0.223 ng
RT: 19.69 min Scan# 1487
Delta R.T. 0.01 min
Lab File: BE094868.D
Acq: 27 Nov 2017 12:34

Tgt Ion:202 Resp: 4974

Ion	Ratio	Lower	Upper
202	100		
200	20.2	16.6	25.0
203	18.9	13.8	20.8



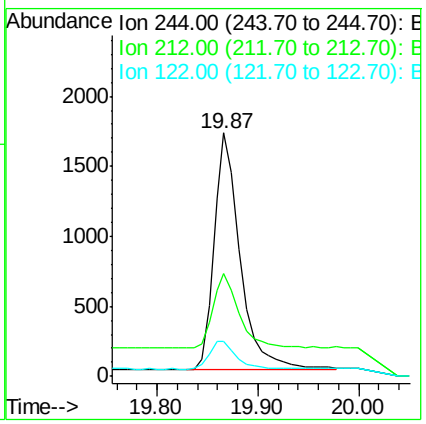


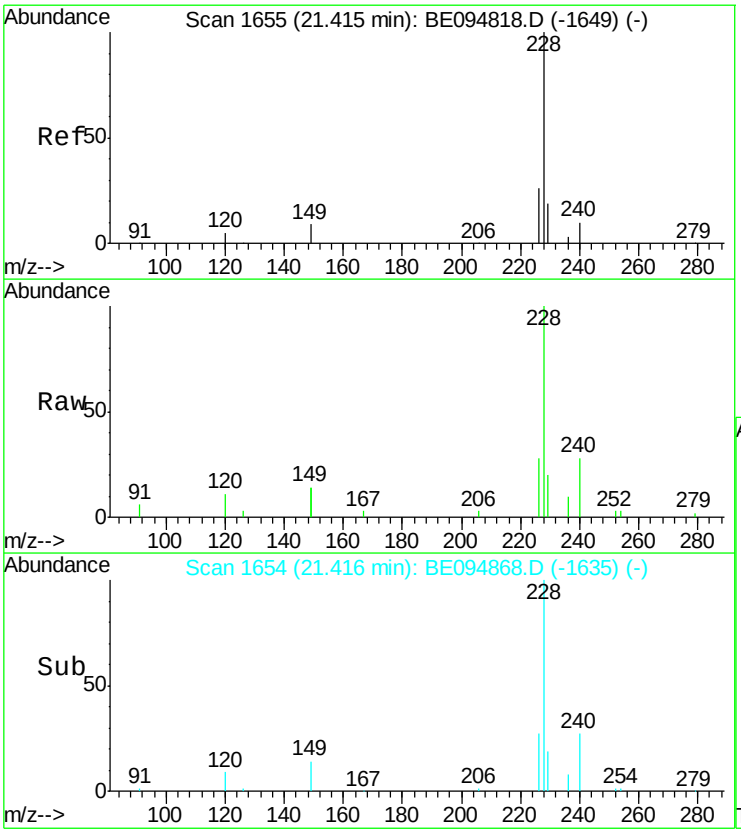
#29
Terphenyl-d14
Concen: 0.257 ng
RT: 19.87 min Scan# 1511
Delta R.T. -0.00 min
Lab File: BE094868.D
Acq: 27 Nov 2017 12:34

Instrument :
BNA_E
ClientSampleId :
PB104402BS

Tgt Ion:244 Resp: 3081

Ion	Ratio	Lower	Upper
244	100		
212	42.3	25.4	38.0#
122	14.4	8.1	12.1#

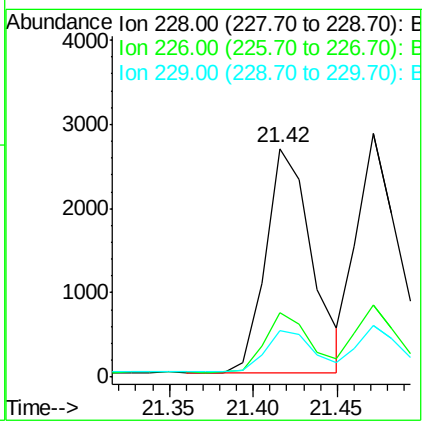


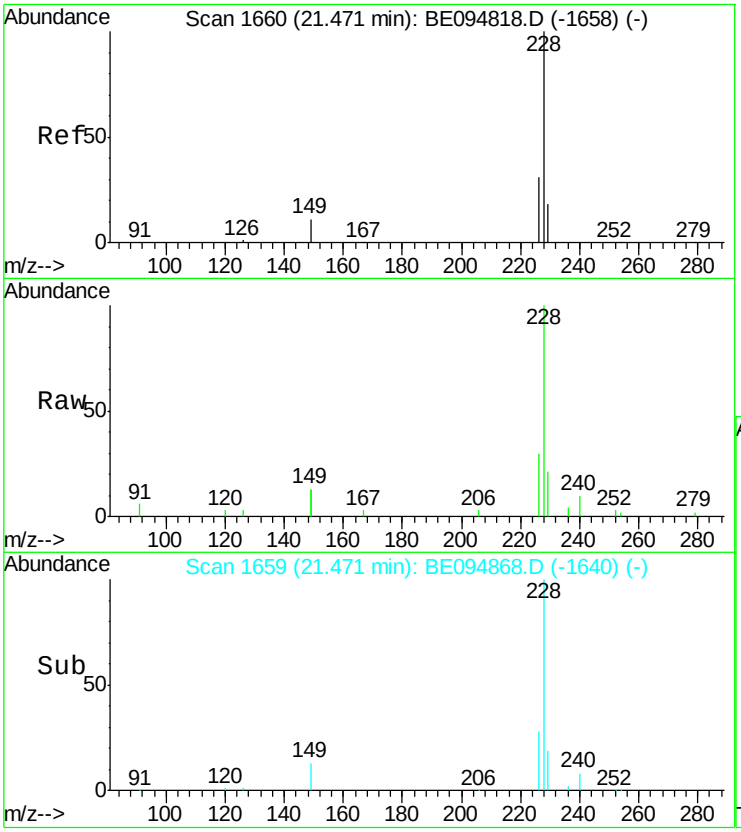


#30
Benzo(a)anthracene
Concen: 0.246 ng
RT: 21.42 min Scan# 1654
Delta R.T. 0.01 min
Lab File: BE094868.D
Acq: 27 Nov 2017 12:34

Tgt Ion:228 Resp: 5102

Ion	Ratio	Lower	Upper
228	100		
226	28.0	40.0	60.0#
229	20.5	40.0	60.0#



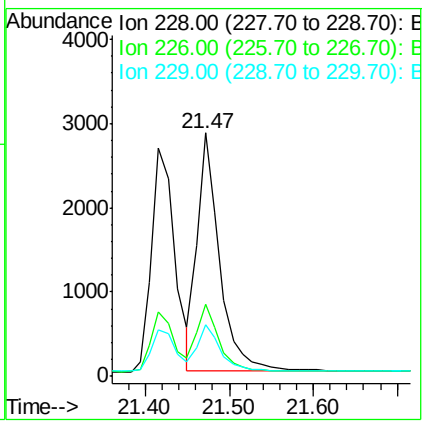


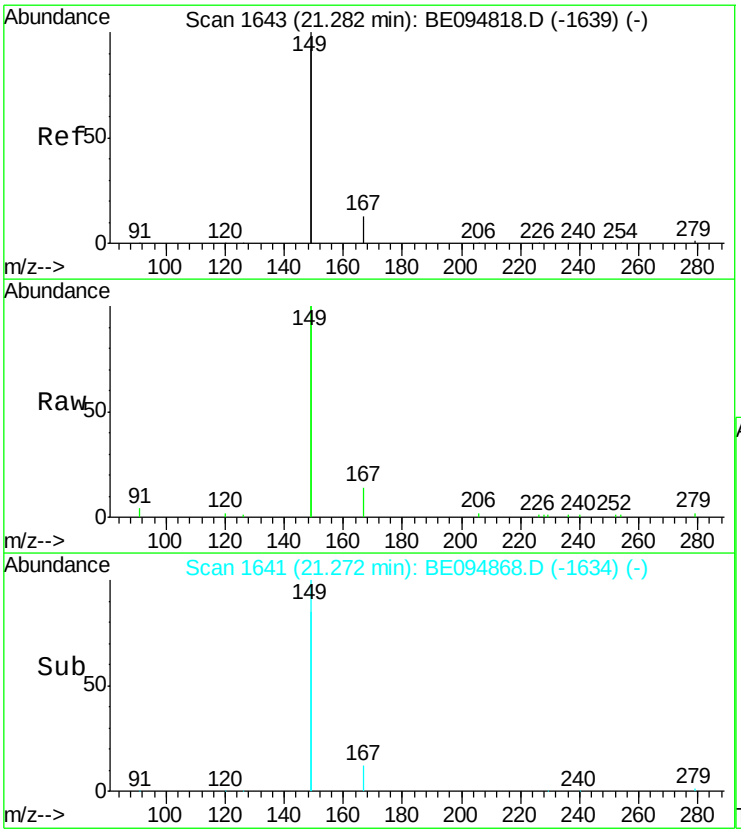
#31
Chrysene
Concen: 0.251 ng
RT: 21.47 min Scan# 1659
Delta R.T. 0.01 min
Lab File: BE094868.D
Acq: 27 Nov 2017 12:34

Instrument :
BNA_E
ClientSampleId :
PB104402BS

Tgt Ion:228 Resp: 5284

Ion	Ratio	Lower	Upper
228	100		
226	29.9	40.0	60.0#
229	21.1	40.0	60.0#

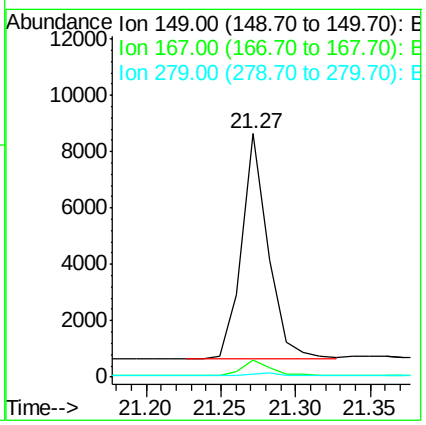


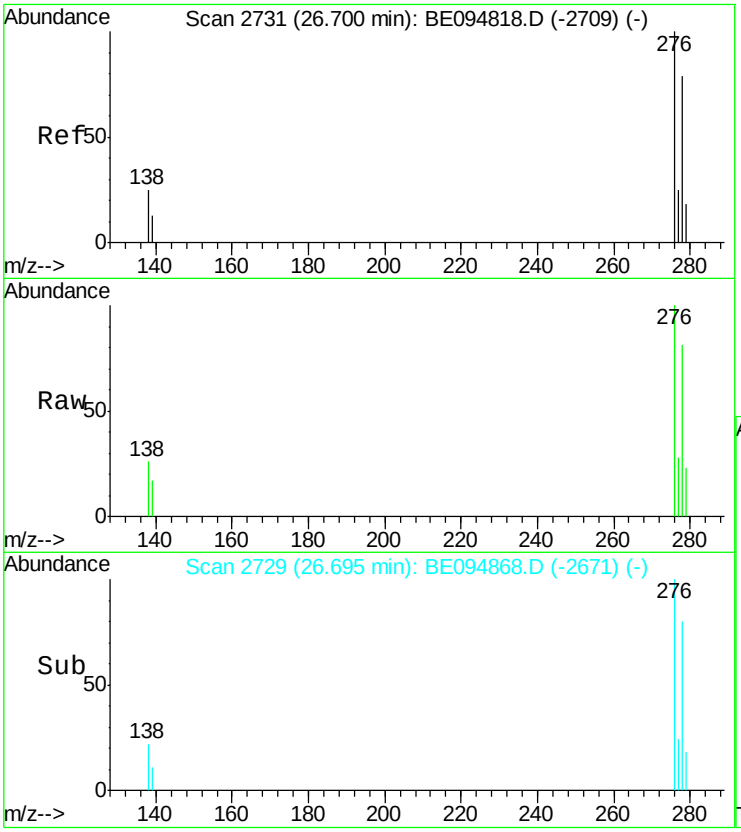


#32
Bis(2-ethylhexyl)phthalate
Concen: 0.194 ng
RT: 21.27 min Scan# 1641
Delta R.T. -0.02 min
Lab File: BE094868.D
Acq: 27 Nov 2017 12:34

Tgt Ion:149 Resp: 9865

Ion	Ratio	Lower	Upper
149	100		
167	6.9	5.4	8.0
279	1.0	0.7	1.1



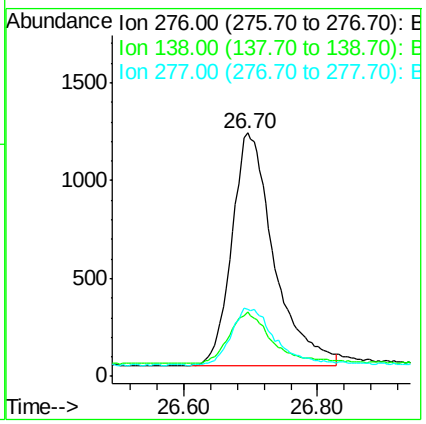


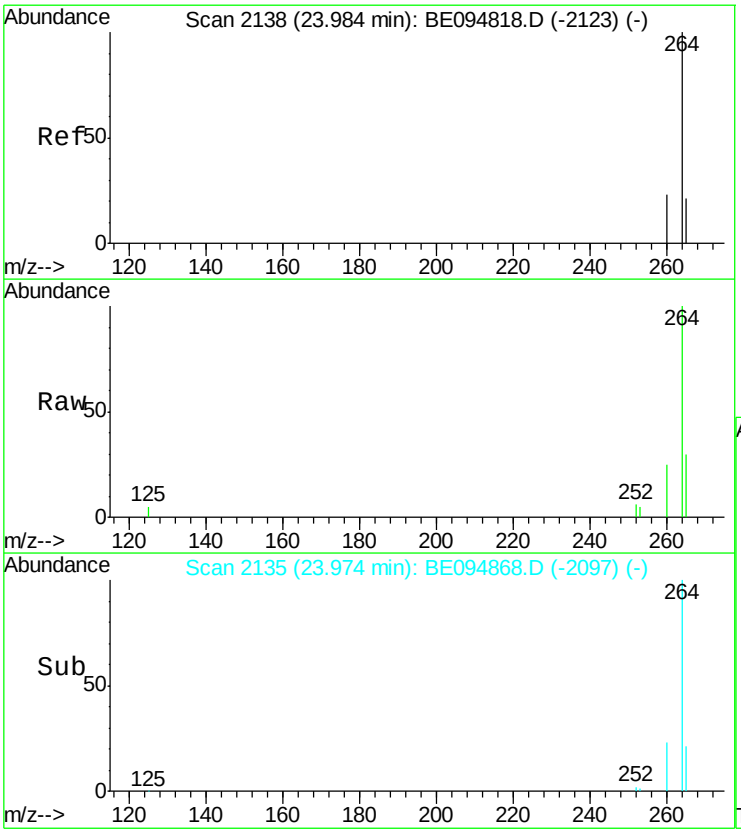
#33
Indeno(1,2,3-cd)pyrene
Concen: 0.267 ng
RT: 26.70 min Scan# 2729
Delta R.T. 0.06 min
Lab File: BE094868.D
Acq: 27 Nov 2017 12:34

Instrument :
BNA_E
ClientSampleId :
PB104402BS

Tgt Ion:276 Resp: 5196

Ion	Ratio	Lower	Upper
276	100		
138	22.3	22.5	33.7#
277	25.6	19.9	29.9

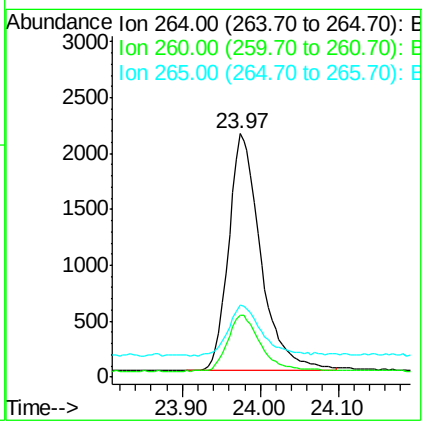


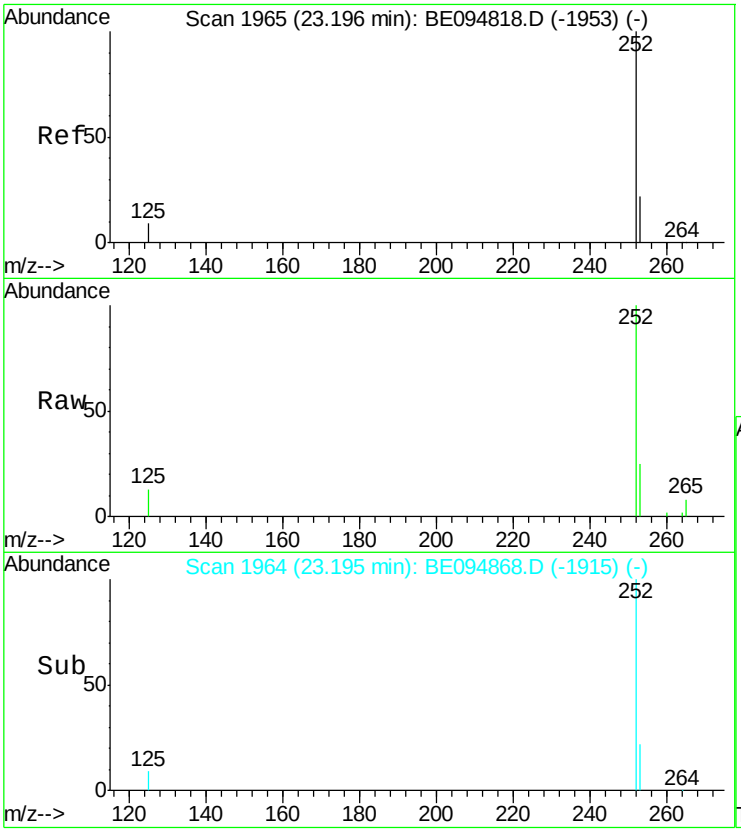


#34
Perylene-d12
Concen: 0.400 ng
RT: 23.97 min Scan# 2135
Delta R.T. 0.02 min
Lab File: BE094868.D
Acq: 27 Nov 2017 12:34

Tgt Ion:264 Resp: 6082

Ion	Ratio	Lower	Upper
264	100		
260	25.3	20.5	30.7
265	29.6	22.8	34.2



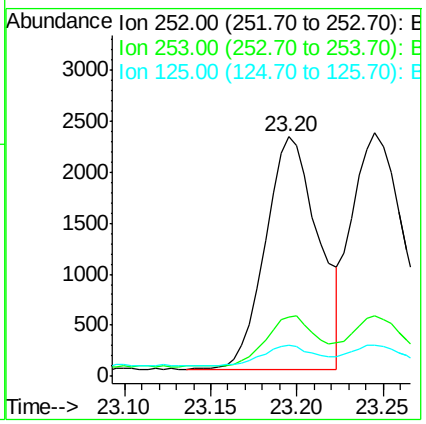


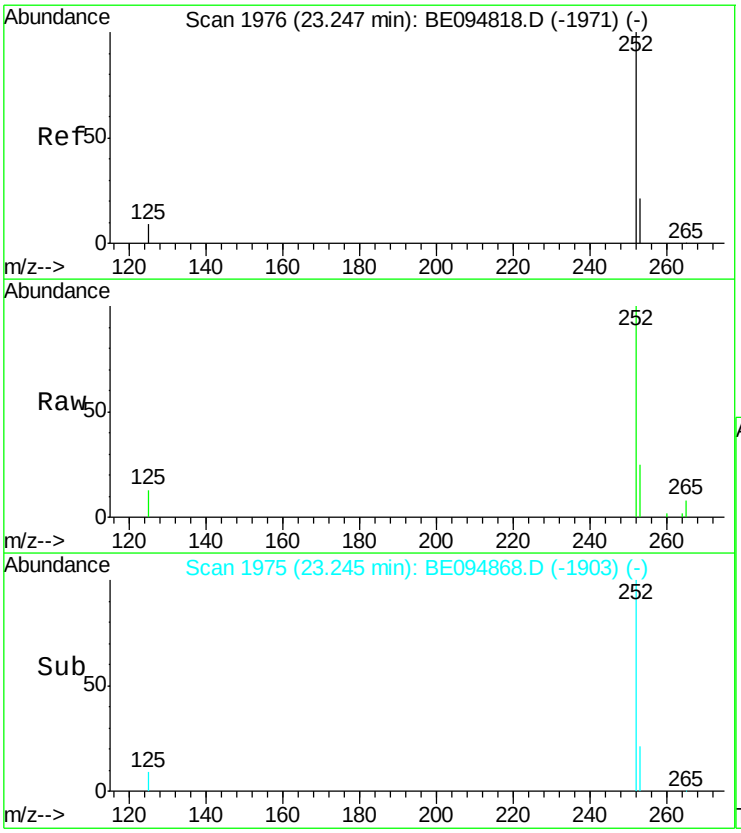
#35
Benzo(b)fluoranthene
Concen: 0.247 ng
RT: 23.20 min Scan# 1964
Delta R.T. 0.02 min
Lab File: BE094868.D
Acq: 27 Nov 2017 12:34

Instrument :
BNA_E
ClientSampleId :
PB104402BS

Tgt Ion:252 Resp: 4865

Ion	Ratio	Lower	Upper
252	100		
253	25.0	48.0	72.0#
125	13.1	56.0	84.0#

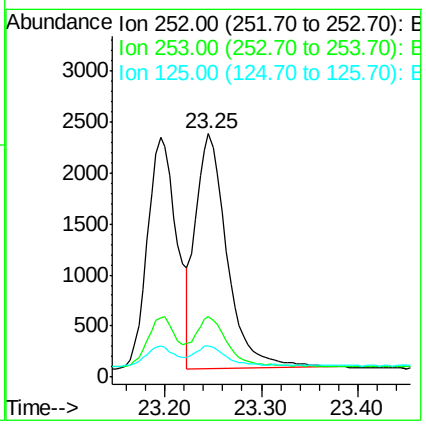


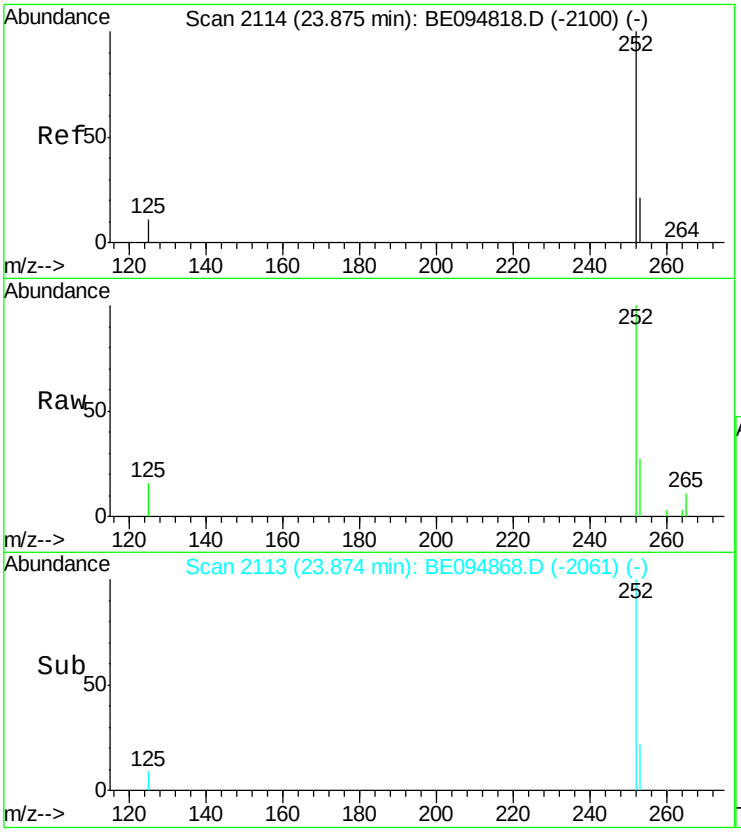


#36
Benzo(k)fluoranthene
Concen: 0.248 ng
RT: 23.25 min Scan# 1975
Delta R.T. 0.03 min
Lab File: BE094868.D
Acq: 27 Nov 2017 12:34

Tgt Ion:252 Resp: 5201

Ion	Ratio	Lower	Upper
252	100		
253	25.1	48.0	72.0#
125	12.9	56.0	84.0#



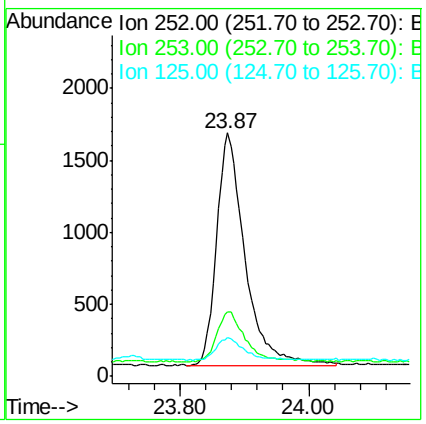


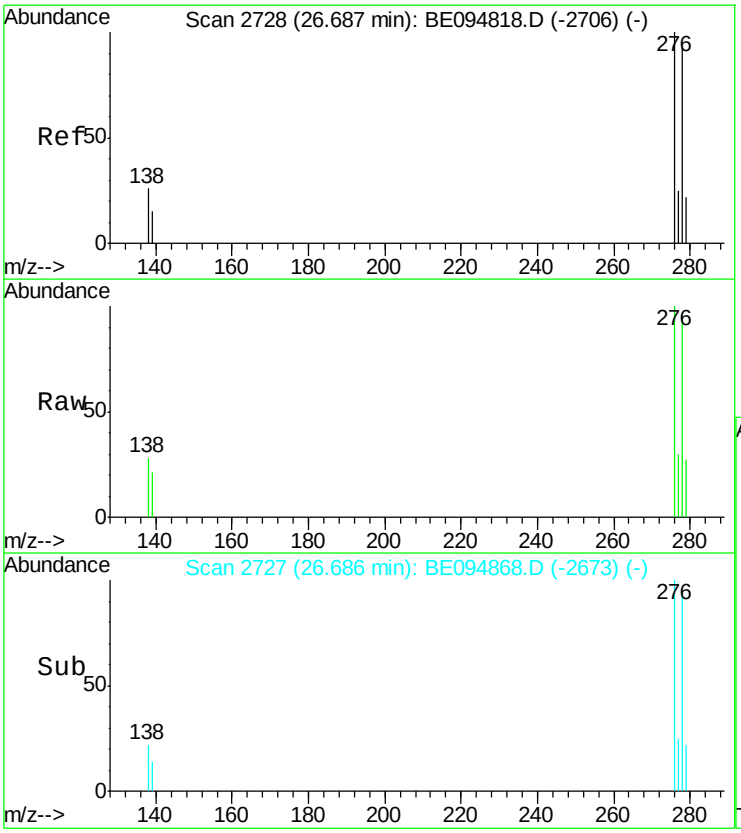
#37
Benzo(a)pyrene
Concen: 0.259 ng
RT: 23.87 min Scan# 2113
Delta R.T. 0.04 min
Lab File: BE094868.D
Acq: 27 Nov 2017 12:34

Instrument :
BNA_E
ClientSampleId :
PB104402BS

Tgt Ion:252 Resp: 4941

Ion	Ratio	Lower	Upper
252	100		
253	26.7	52.0	78.0#
125	15.9	68.0	102.0#

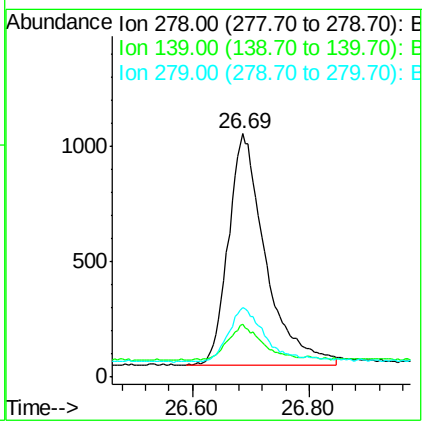


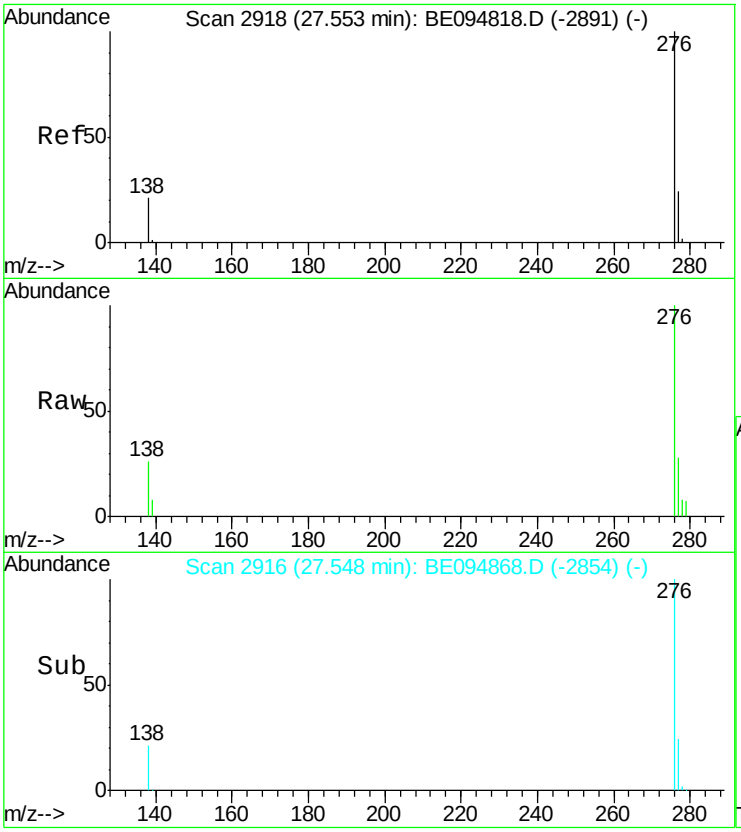


#38
Dibenzo(a,h)anthracene
Concen: 0.258 ng
RT: 26.69 min Scan# 2727
Delta R.T. 0.04 min
Lab File: BE094868.D
Acq: 27 Nov 2017 12:34

Tgt Ion:278 Resp: 4419

Ion	Ratio	Lower	Upper
278	100		
139	21.7	56.0	84.0#
279	28.4	52.0	78.0#





#39
Benzo(g,h,i)perylene
Concen: 0.277 ng
RT: 27.55 min Scan# 2916
Delta R.T. 0.08 min
Lab File: BE094868.D
Acq: 27 Nov 2017 12:34

Instrument :
BNA_E
ClientSampleId :
PB104402BS

Tgt Ion:276 Resp: 4441

Ion	Ratio	Lower	Upper
276	100		
277	28.4	52.0	78.0#
138	26.5	44.0	66.0#