Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA E\DATA\BE101217\
Data File : BE094318.D
Acq On : 12 Oct 2017 18:23
Operator : SJ/JU
Sample : I5530-17
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument : BNA_E
ClientSampleId :

Quant Time: Oct 12 22:41:18 2017
Quant Method : Z:\HPCHEM1\BNA E\METHODS\8270-SIM-BE100617.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Oct 06 15:16:13 2017
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.92	152	1653	0.40	ng		0.01
7) Naphthalene-d8	10.71	136	8170	0.40	ng		0.02
13) Acenaphthene-d10	14.53	164	4297	0.40	ng		0.02
19) Phenanthrene-d10	17.24	188	8186	0.40	ng		0.00
27) Chrysene-d12	21.43	240	9658	0.40	ng		0.02
34) Perylene-d12	23.95	264	9028	0.40	ng		0.04
System Monitoring Compounds							
4) 2-Fluorophenol	5.51	112	384409	69.78	ng		0.01
5) Phenol-d6	7.10	99	347014	43.45	ng		0.01
8) Nitrobenzene-d5	9.06	82	924186	135.86	ng		0.00
11) 2-Methylnaphthalene-d10	12.30	152	9	0.00	ng		0.02
14) 2,4,6-Tribromophenol	16.03	330	262796	140.68	ng		0.03
15) 2-Fluorobiphenyl	13.15	172	1776008	120.65	ng		0.02
25) Fluoranthene-d10	19.29	212	229	0.00	ng		0.02
29) Terphenyl-d14	19.87	244	1870586	102.56	ng		0.02
Target Compounds							Qvalue
2) 1,4-Dioxane	3.42	88	61	0.020	ng	#	16
3) n-Nitrosodimethylamine	3.73	42	76	0.024	ng	#	7
9) Naphthalene	10.76	128	10041	0.109	ng	#	97
12) 2-Methylnaphthalene	12.36	142	889	0.059	ng		94
16) Acenaphthylene	14.24	152	652	0.030	ng	#	68
17) Acenaphthene	14.59	154	1834	0.128	ng		96
18) Fluorene	15.58	166	2213	0.118	ng		96
23) Phenanthrene	17.30	178	6302	0.222	ng	#	92
24) Anthracene	17.30	178	6294	0.291	ng		94
26) Fluoranthene	19.31	202	3726	0.150	ng		96
28) Pyrene	19.67	202	3411	0.103	ng	#	93
30) Benzo(a)anthracene	21.40	228	1450	0.046	ng	#	17
31) Chrysene	21.46	228	1214	0.039	ng	#	20
32) Bis(2-ethylhexyl)phthalate	21.29	149	14487	0.198	ng	#	98
33) Indeno(1,2,3-cd)pyrene	26.65	276	647	0.021	ng	#	77
35) Benzo(b)fluoranthene	23.18	252	1164	0.038	ng	#	1
36) Benzo(k)fluoranthene	23.22	252	879	0.028	ng	#	1
37) Benzo(a)pyrene	23.84	252	782	0.027	ng	#	1

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

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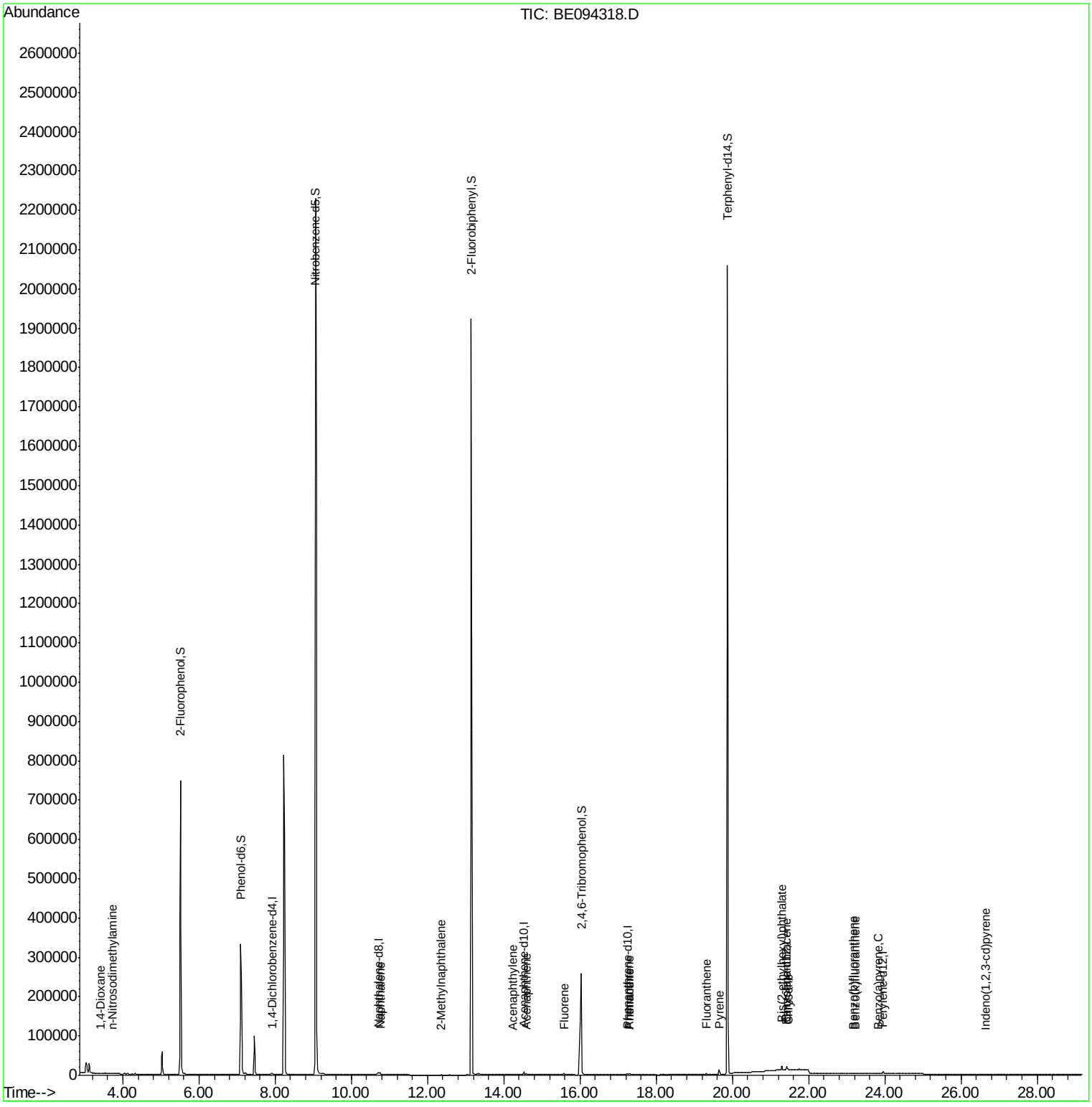
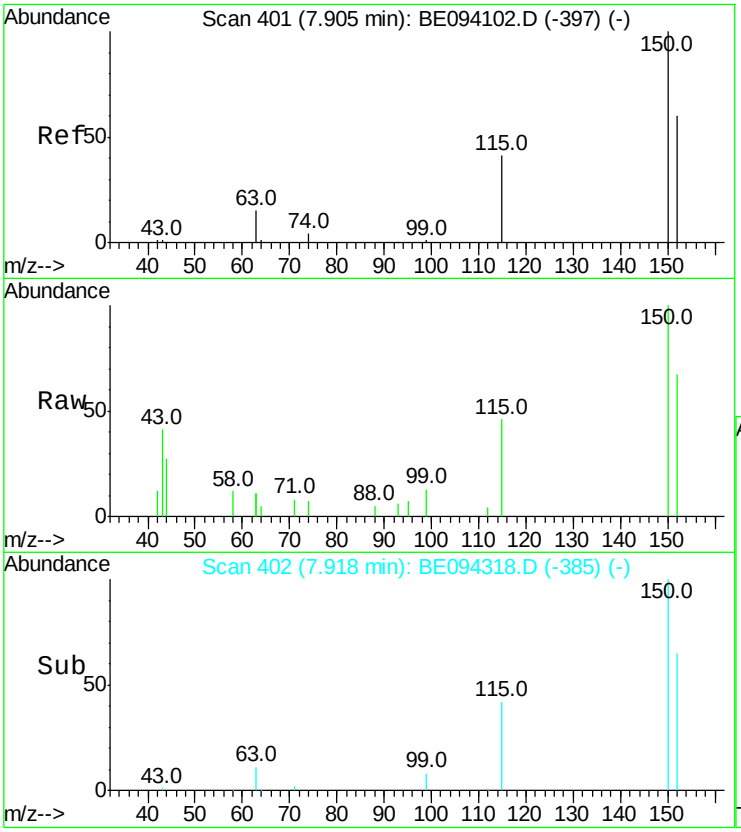


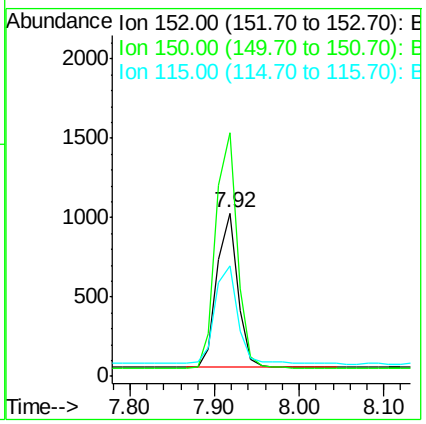


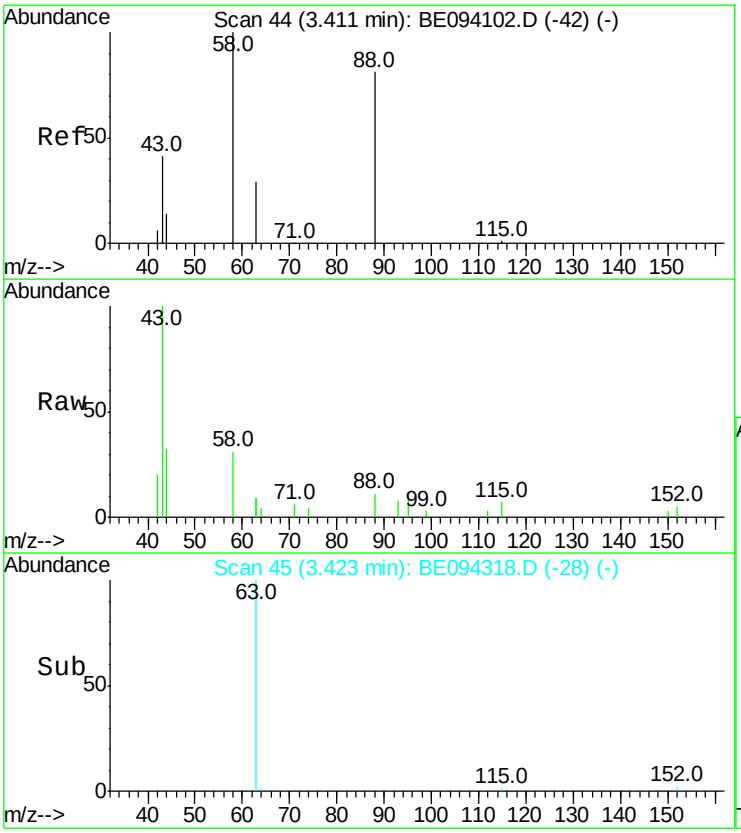
#1
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.92 min Scan# 402
Delta R.T. 0.01 min
Lab File: BE094318.D
Acq: 12 Oct 2017 18:23

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:152 Resp: 1653

Ion	Ratio	Lower	Upper
152	100		
150	149.4	117.2	175.8
115	68.0	57.0	85.6

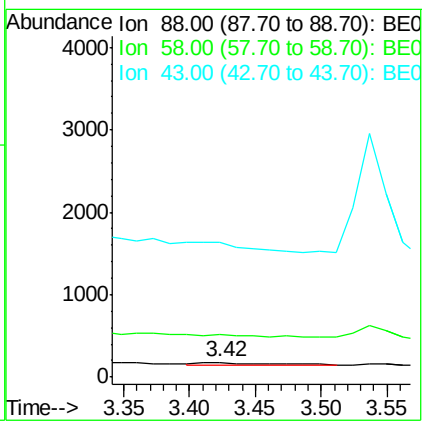


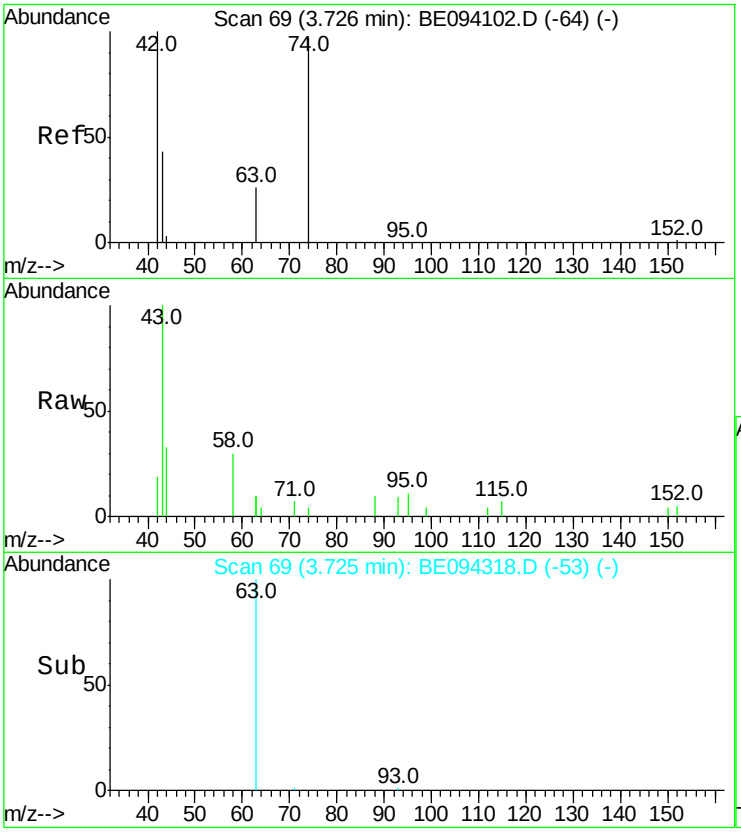


#2
1,4-Dioxane
Concen: 0.020 ng
RT: 3.42 min Scan# 45
Delta R.T. 0.01 min
Lab File: BE094318.D
Acq: 12 Oct 2017 18:23

Tgt Ion: 88 Resp: 61

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



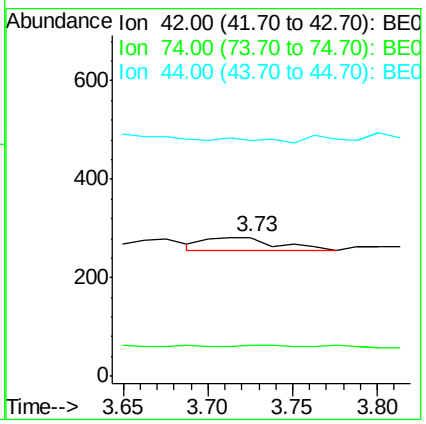


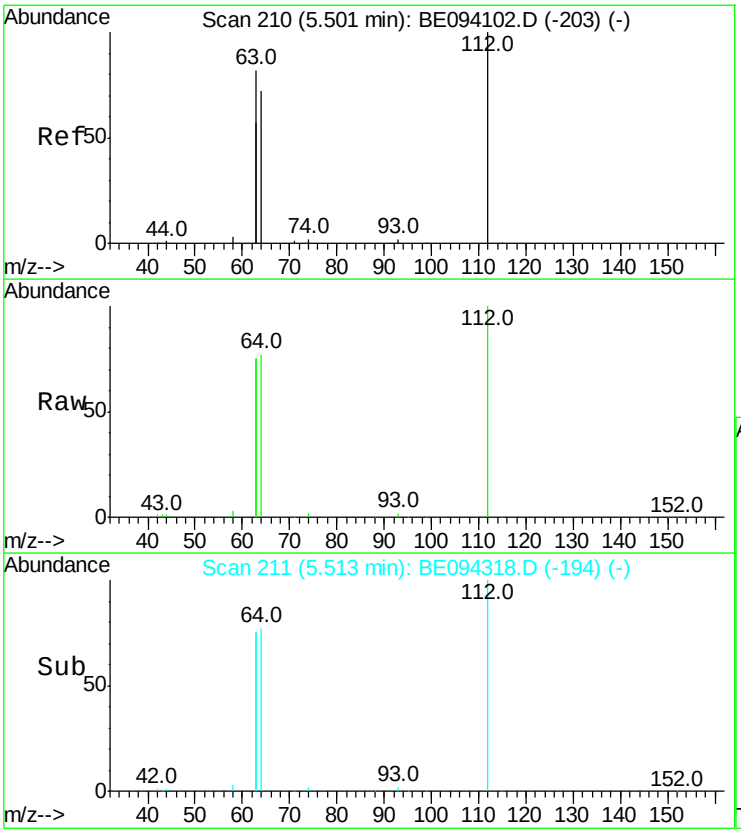
#3
n-Nitrosodimethylamine
Concen: 0.024 ng
RT: 3.73 min Scan# 69
Delta R.T. -0.00 min
Lab File: BE094318.D
Acq: 12 Oct 2017 18:23

Instrument :
BNA_E
ClientSampleId :

Tgt Ion: 42 Resp: 76

Ion	Ratio	Lower	Upper
42	100		
74	10.5	100.3	150.5#
44	0.0	17.0	25.4#

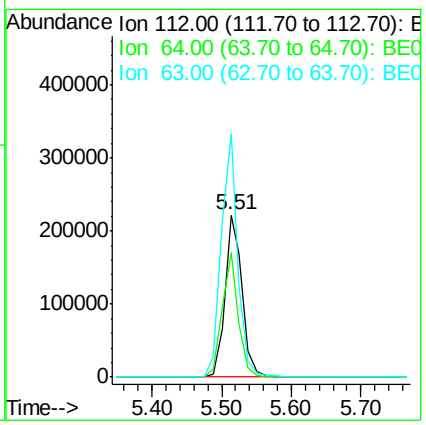


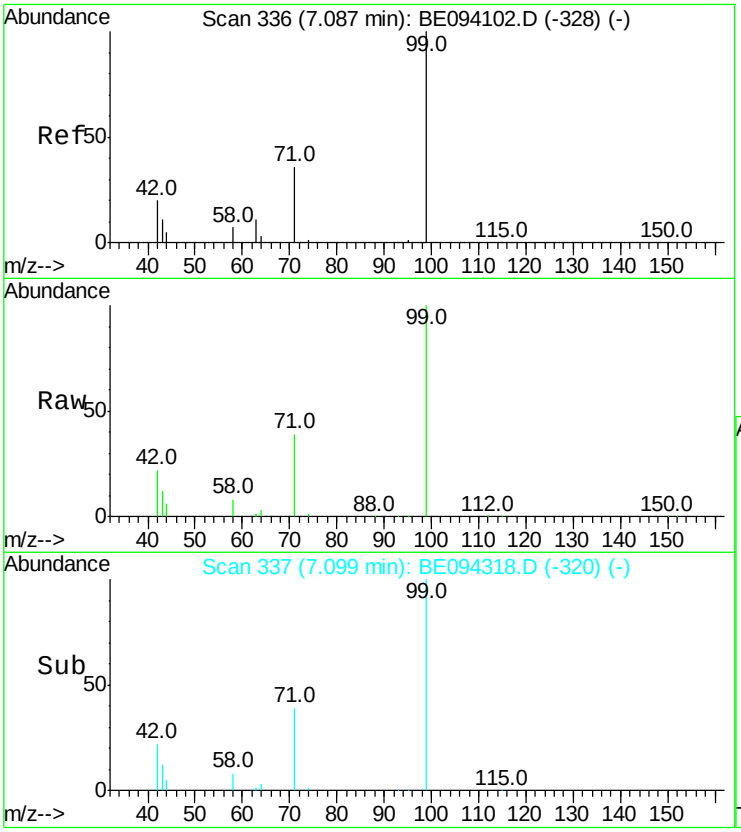


#4
2-Fluorophenol
Concen: 69.785 ng
RT: 5.51 min Scan# 211
Delta R.T. 0.01 min
Lab File: BE094318.D
Acq: 12 Oct 2017 18:23

Tgt Ion:112 Resp: 384409

Ion	Ratio	Lower	Upper
112	100		
64	72.2	60.1	90.1
63	144.0	116.8	175.2



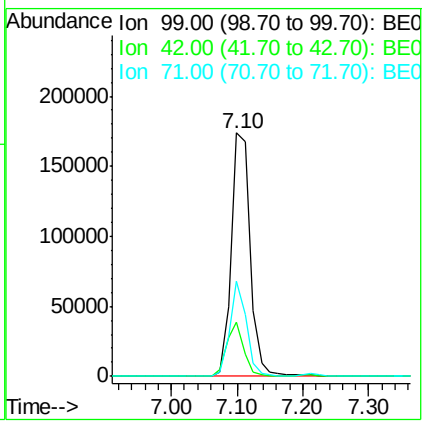


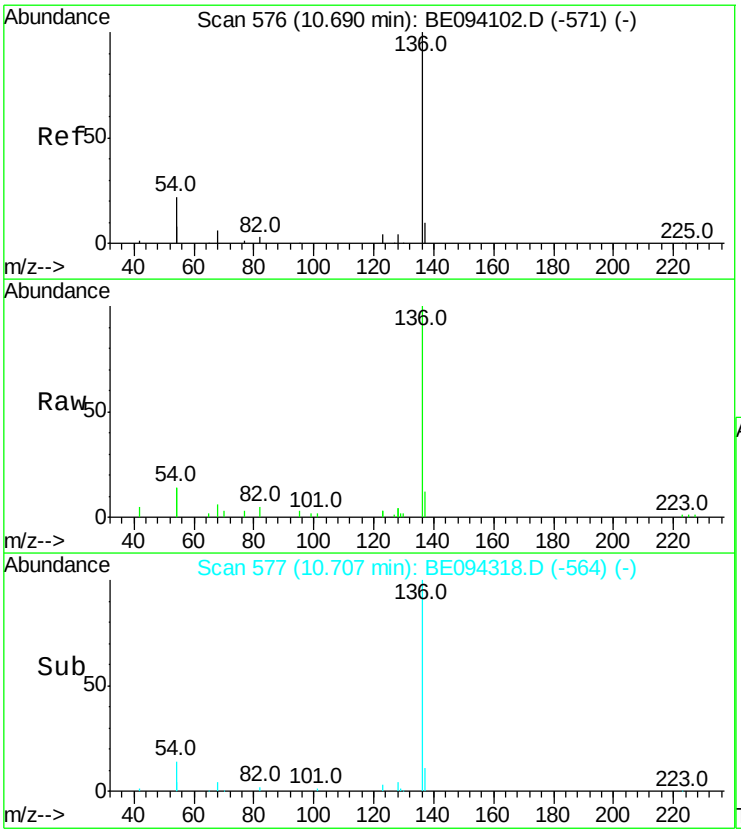
#5
Phenol-d6
Concen: 43.454 ng
RT: 7.10 min Scan# 337
Delta R.T. 0.01 min
Lab File: BE094318.D
Acq: 12 Oct 2017 18:23

Instrument :
BNA_E
ClientSampleId :

Tgt Ion: 99 Resp: 347014

Ion	Ratio	Lower	Upper
99	100		
42	19.7	20.2	30.2#
71	34.0	28.4	42.6

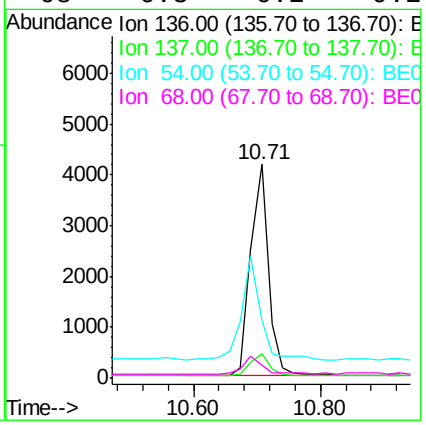


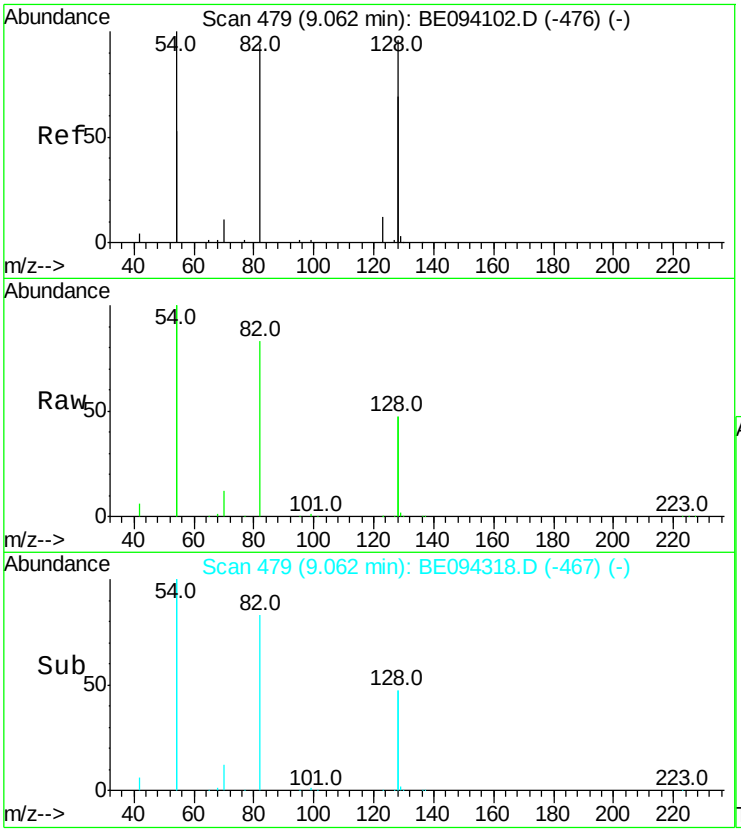


#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.71 min Scan# 577
Delta R.T. 0.02 min
Lab File: BE094318.D
Acq: 12 Oct 2017 18:23

Tgt Ion:136 Resp: 8170

Ion	Ratio	Lower	Upper
136	100		
137	11.7	9.5	14.3
54	27.1	29.1	43.7#
68	6.3	6.2	9.2



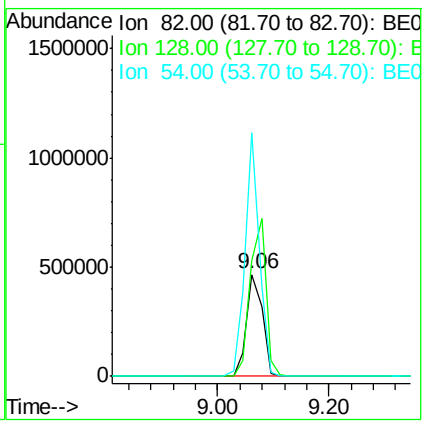


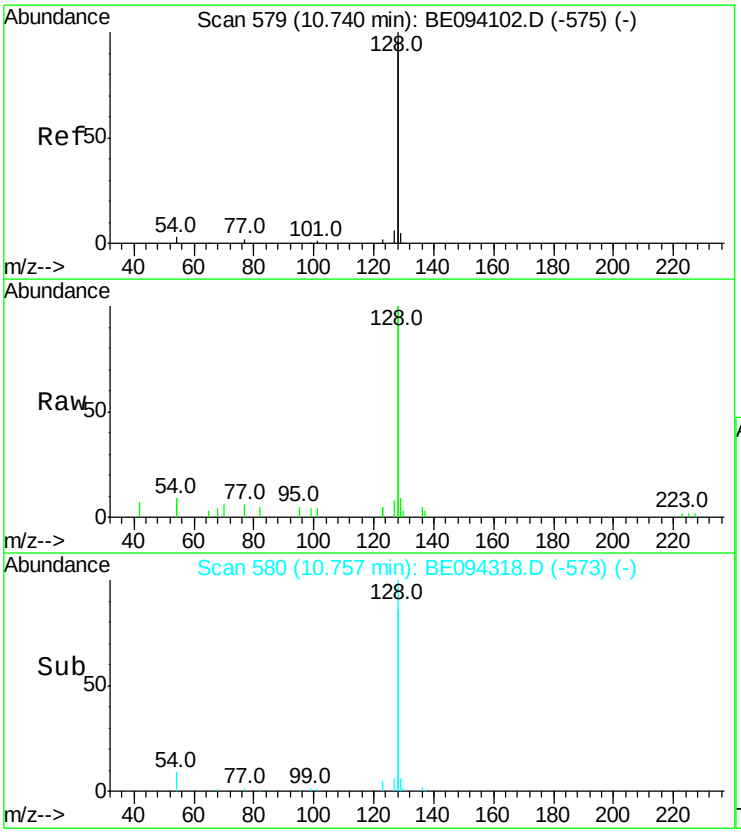
#8
Nitrobenzene-d5
Concen: 135.865 ng
RT: 9.06 min Scan# 479
Delta R.T. -0.00 min
Lab File: BE094318.D
Acq: 12 Oct 2017 18:23

Instrument :
BNA_E
ClientSampleId :

Tgt Ion: 82 Resp: 924186

Ion	Ratio	Lower	Upper
82	100		
128	113.3	150.0	225.0#
54	239.6	154.2	231.4#

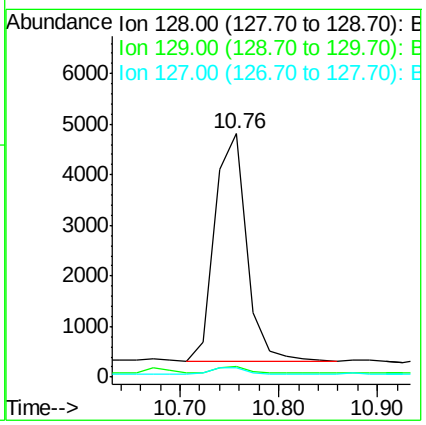


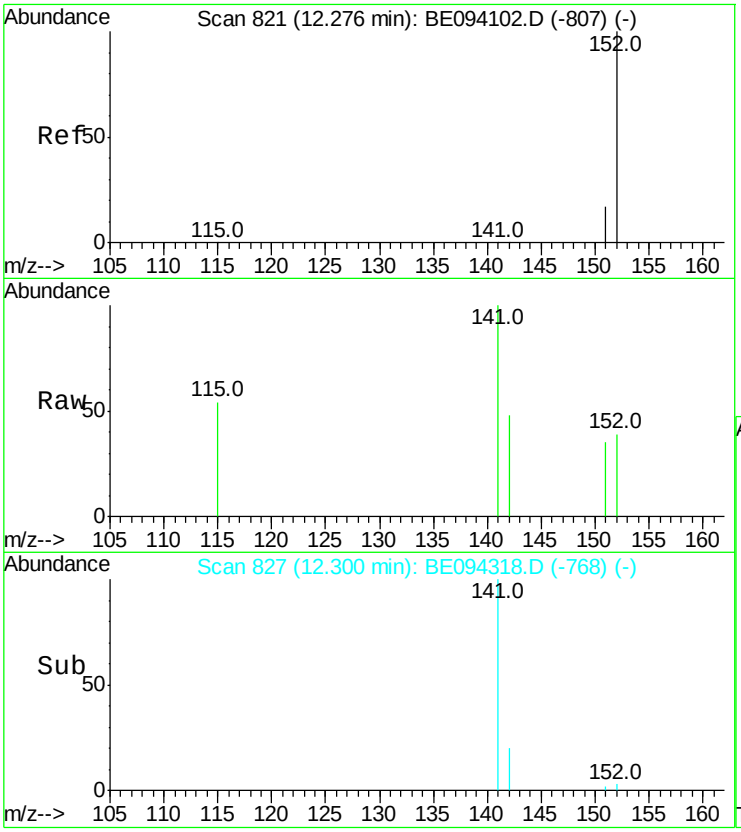


#9
Naphthalene
Concen: 0.109 ng
RT: 10.76 min Scan# 580
Delta R.T. 0.02 min
Lab File: BE094318.D
Acq: 12 Oct 2017 18:23

Tgt Ion:128 Resp: 10041

Ion	Ratio	Lower	Upper
128	100		
129	4.5	2.6	3.8#
127	4.1	2.8	4.2



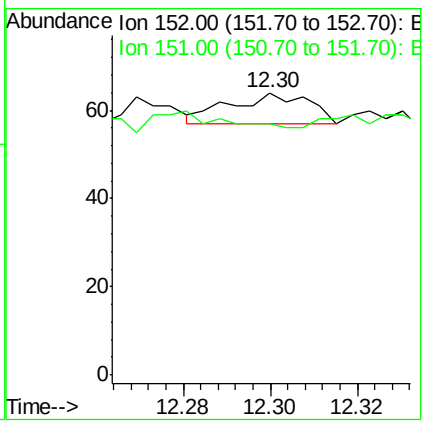


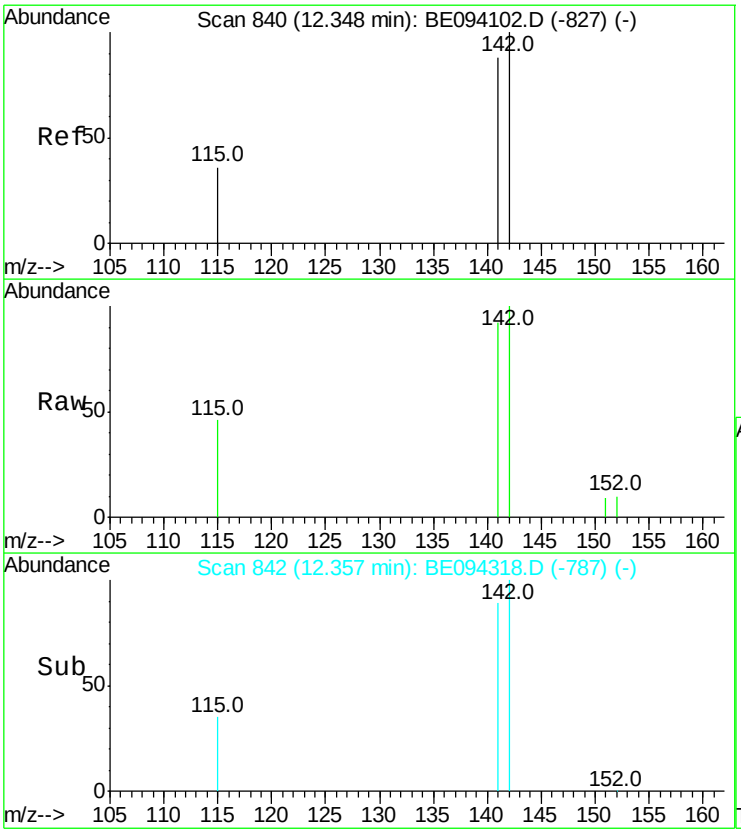
#11
2-Methylnaphthalene-d10
Concen: 0.001 ng
RT: 12.30 min Scan# 827
Delta R.T. 0.02 min
Lab File: BE094318.D
Acq: 12 Oct 2017 18:23

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:152 Resp: 9

Ion	Ratio	Lower	Upper
152	100		
151	0.0	15.4	23.0#

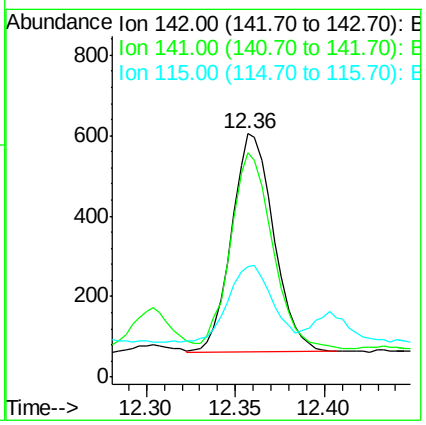


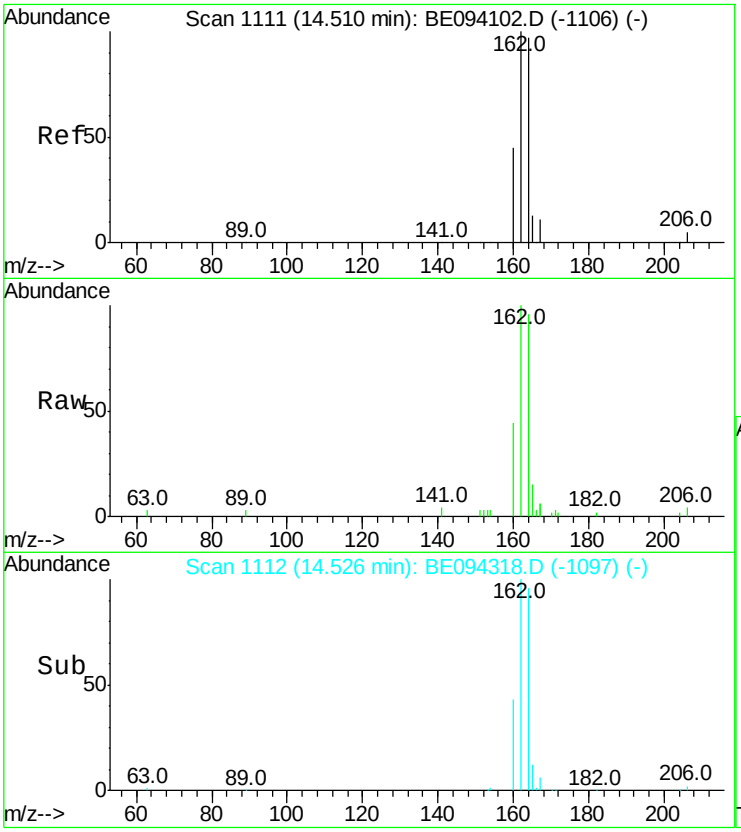


#12
2-Methylnaphthalene
Concen: 0.059 ng
RT: 12.36 min Scan# 842
Delta R.T. 0.01 min
Lab File: BE094318.D
Acq: 12 Oct 2017 18:23

Tgt Ion:142 Resp: 889

Ion	Ratio	Lower	Upper
142	100		
141	92.1	70.4	105.6
115	45.6	31.7	47.5



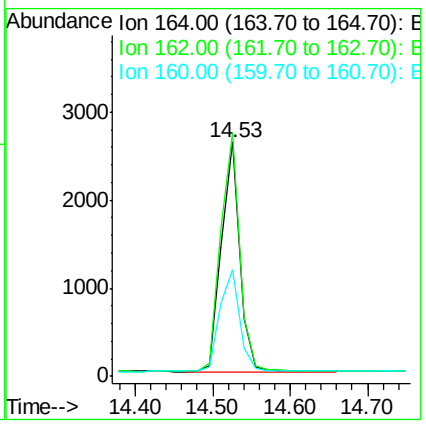


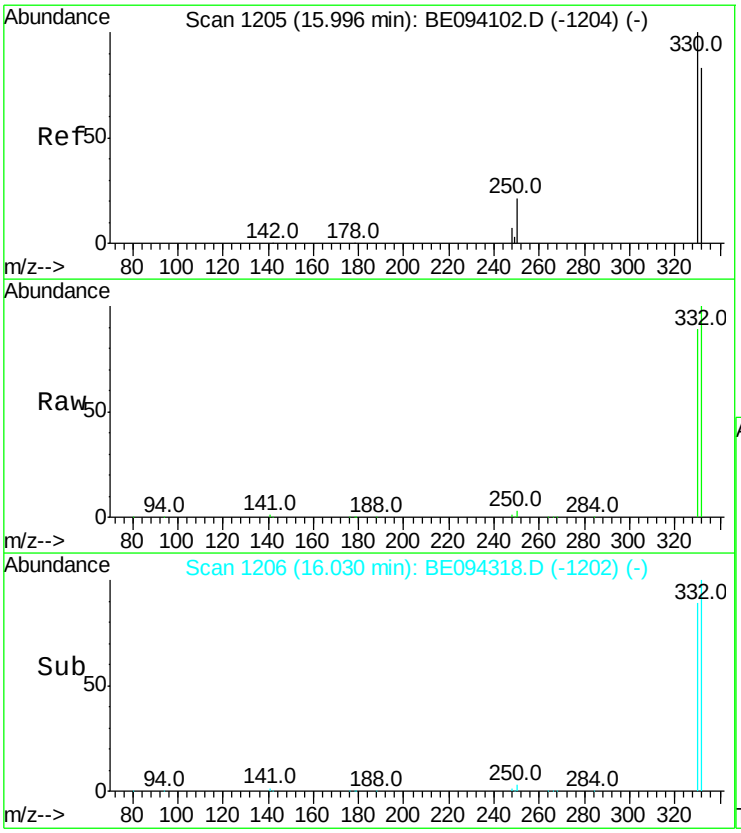
#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.53 min Scan# 1112
Delta R.T. 0.02 min
Lab File: BE094318.D
Acq: 12 Oct 2017 18:23

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:164 Resp: 4297

Ion	Ratio	Lower	Upper
164	100		
162	103.9	83.1	124.7
160	45.8	37.1	55.7

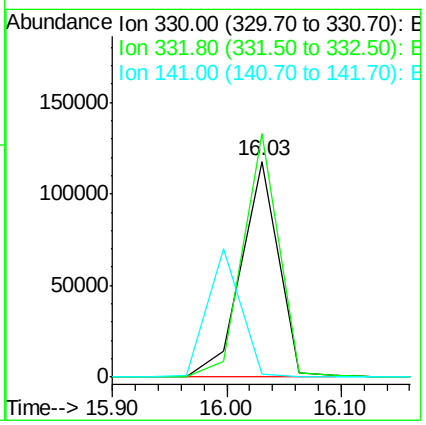


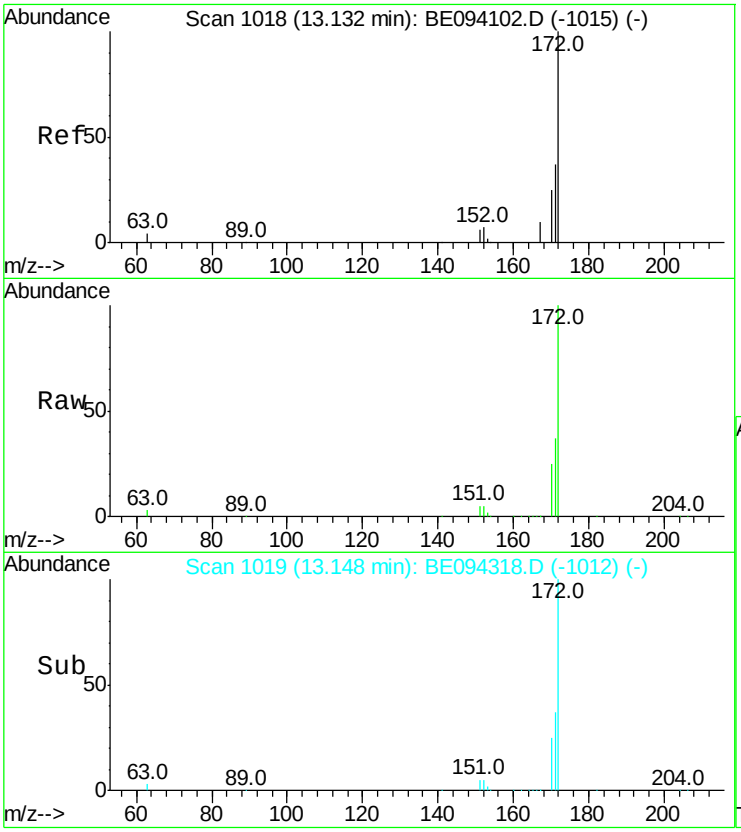


#14
2,4,6-Tribromophenol
Concen: 140.682 ng
RT: 16.03 min Scan# 1206
Delta R.T. 0.03 min
Lab File: BE094318.D
Acq: 12 Oct 2017 18:23

Tgt Ion:330 Resp: 262796

Ion	Ratio	Lower	Upper
330	100		
332	107.5	152.7	229.1#
141	0.0	33.7	50.5#



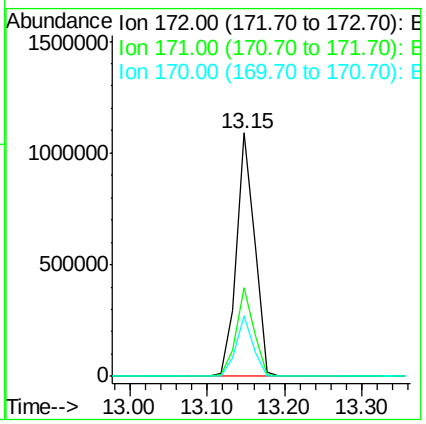


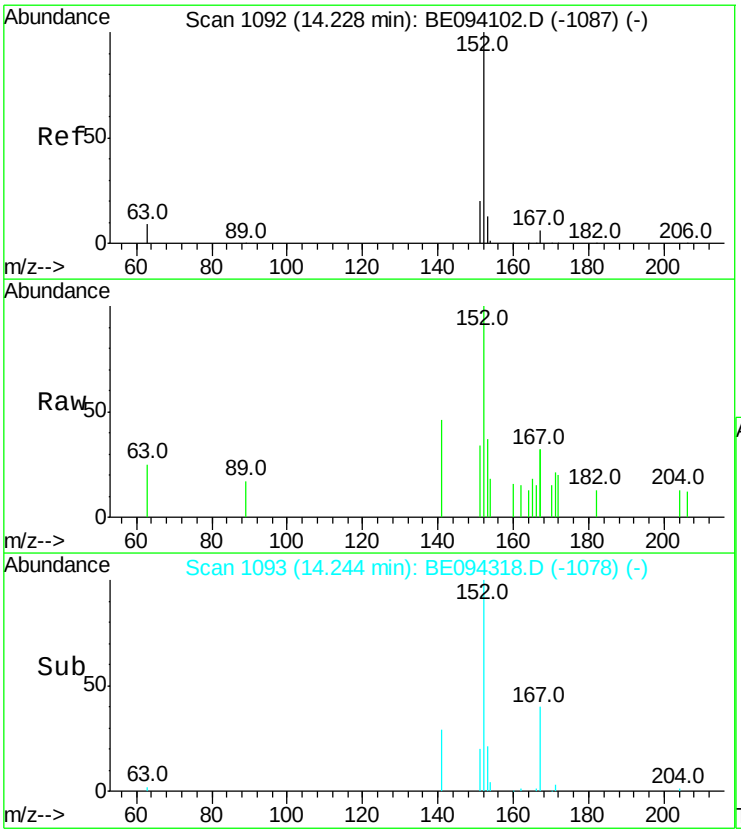
#15
2-Fluorobiphenyl
Concen: 120.652 ng
RT: 13.15 min Scan# 1019
Delta R.T. 0.02 min
Lab File: BE094318.D
Acq: 12 Oct 2017 18:23

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:172 Resp: 1776008

Ion	Ratio	Lower	Upper
172	100		
171	36.7	29.9	44.9
170	24.7	21.8	32.8

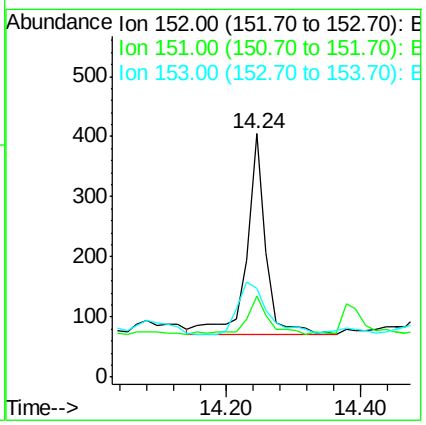


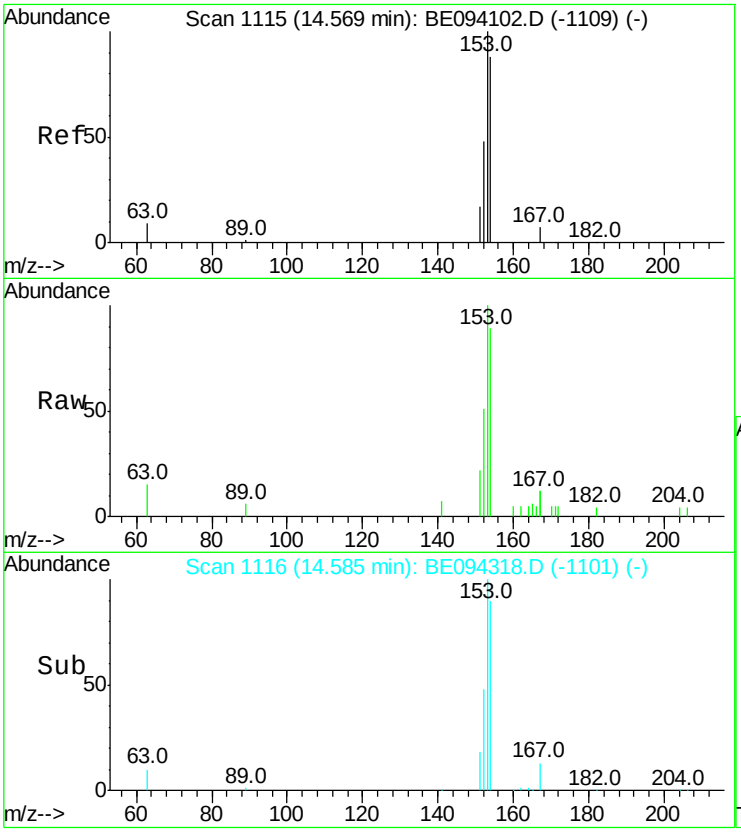


#16
Acenaphthylene
Concen: 0.030 ng
RT: 14.24 min Scan# 1093
Delta R.T. 0.02 min
Lab File: BE094318.D
Acq: 12 Oct 2017 18:23

Tgt Ion:152 Resp: 652

Ion	Ratio	Lower	Upper
152	100		
151	22.7	15.7	23.5
153	40.5	10.5	15.7#



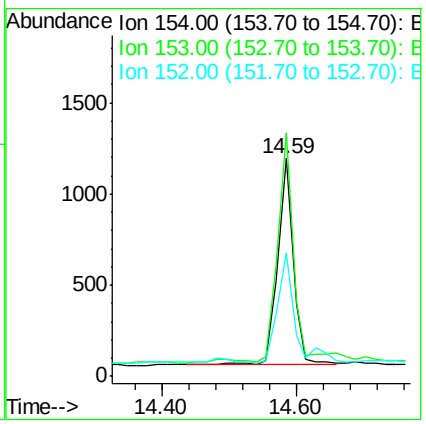


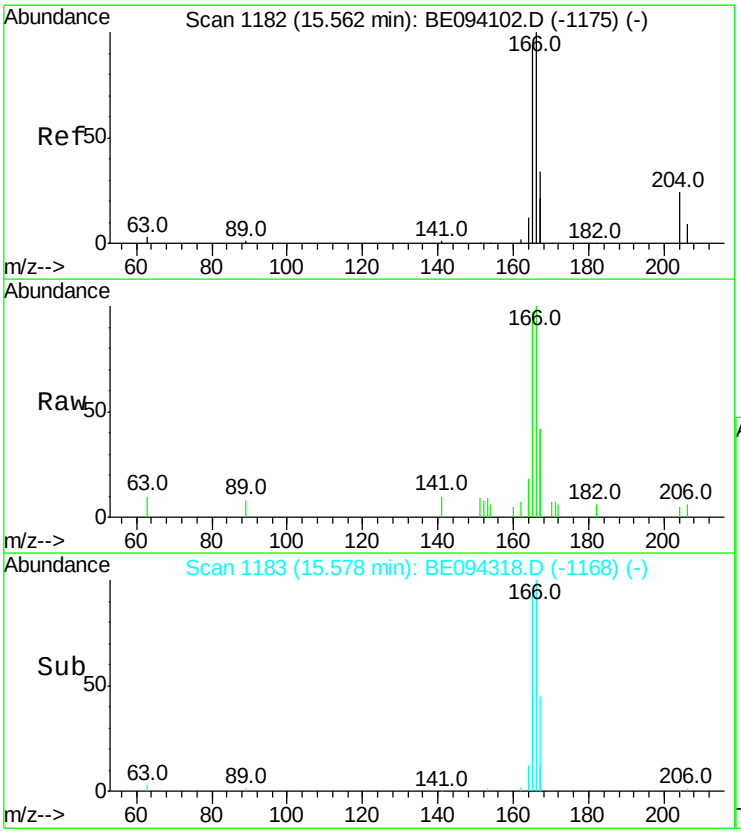
#17
Acenaphthene
Concen: 0.128 ng
RT: 14.59 min Scan# 1116
Delta R.T. 0.02 min
Lab File: BE094318.D
Acq: 12 Oct 2017 18:23

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:154 Resp: 1834

Ion	Ratio	Lower	Upper
154	100		
153	110.1	89.2	133.8
152	58.7	42.0	63.0

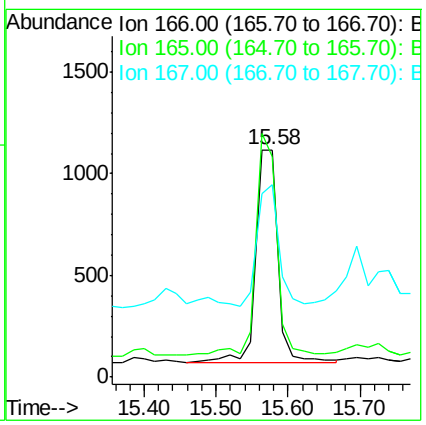


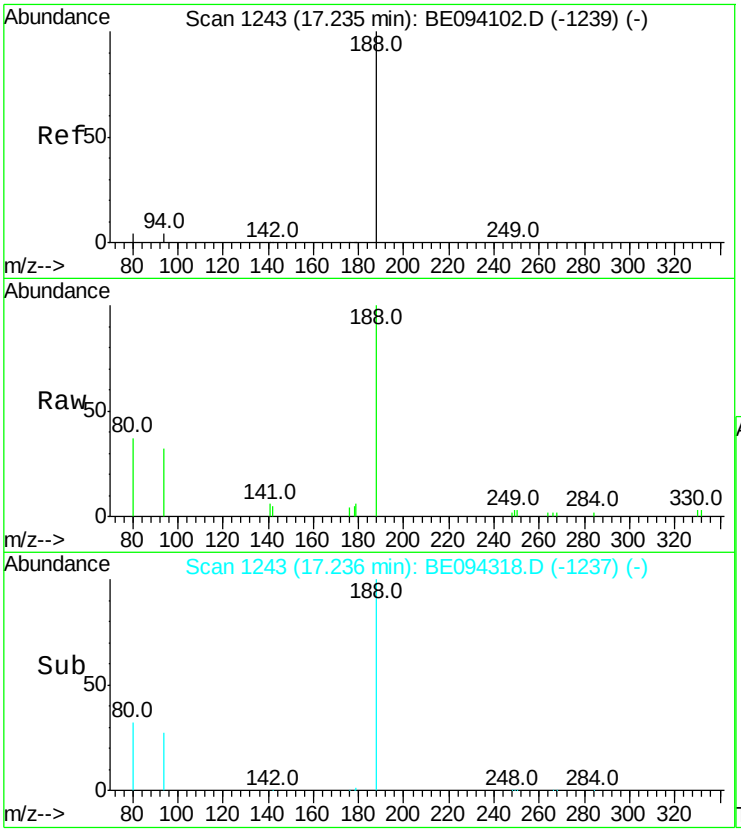


#18
Fluorene
Concen: 0.118 ng
RT: 15.58 min Scan# 1183
Delta R.T. 0.02 min
Lab File: BE094318.D
Acq: 12 Oct 2017 18:23

Tgt Ion:166 Resp: 2213

Ion	Ratio	Lower	Upper
166	100		
165	99.9	77.8	116.6
167	56.8	42.4	63.6



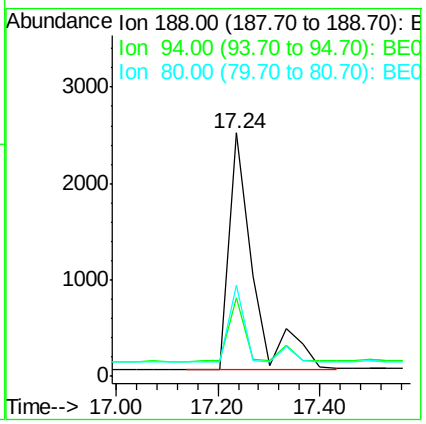


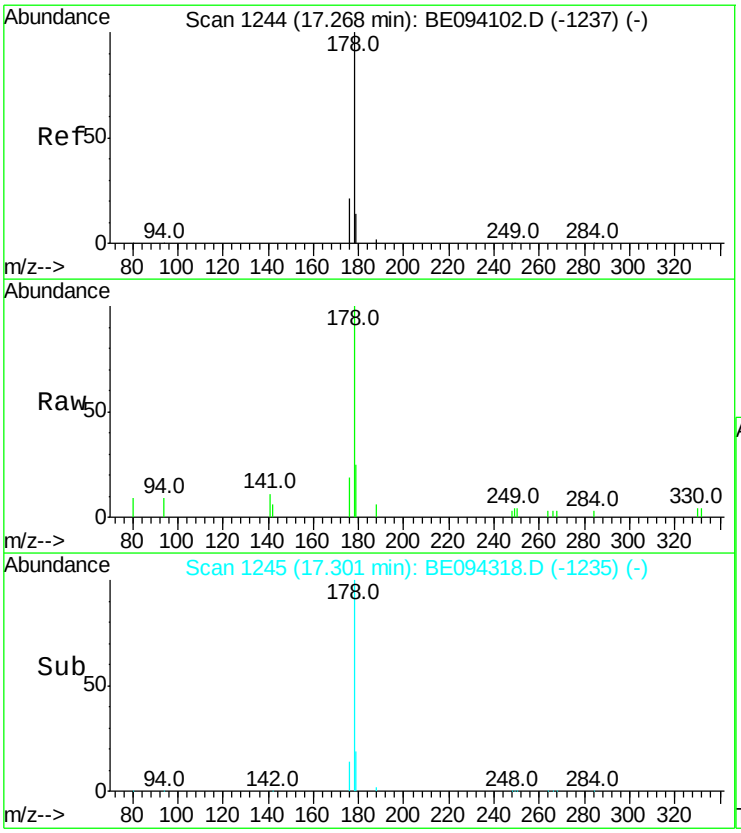
#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.24 min Scan# 1243
Delta R.T. 0.00 min
Lab File: BE094318.D
Acq: 12 Oct 2017 18:23

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:188 Resp: 8186

Ion	Ratio	Lower	Upper
188	100		
94	32.3	3.9	5.9#
80	37.3	3.6	5.4#

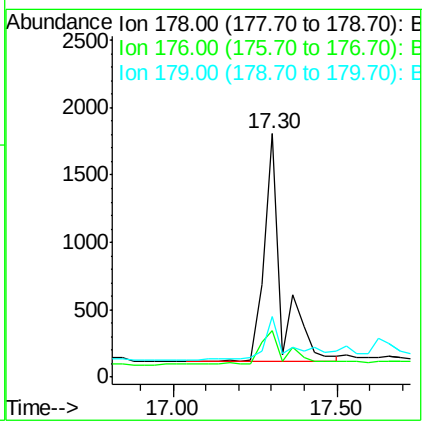


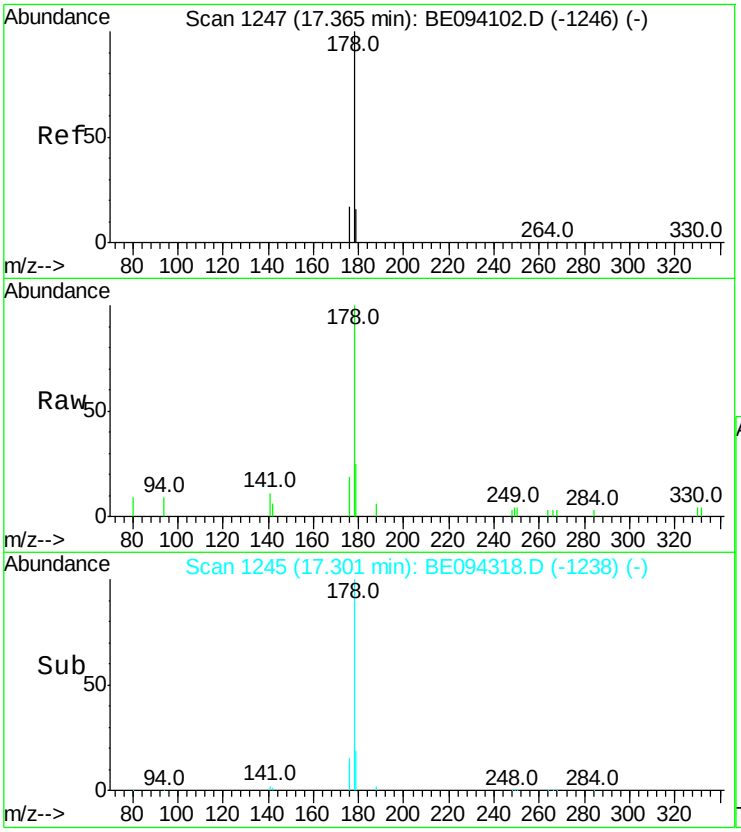


#23
Phenanthrene
Concen: 0.222 ng
RT: 17.30 min Scan# 1245
Delta R.T. 0.03 min
Lab File: BE094318.D
Acq: 12 Oct 2017 18:23

Tgt Ion:178 Resp: 6302

Ion	Ratio	Lower	Upper
178	100		
176	20.5	15.1	22.7
179	20.4	11.8	17.6#



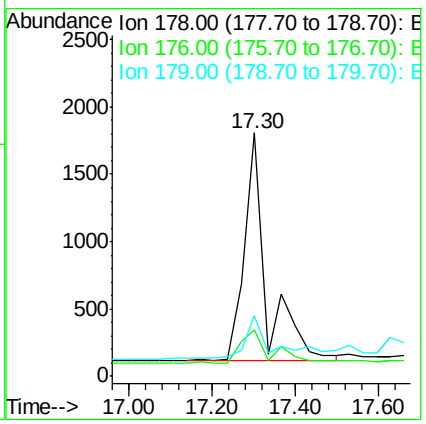


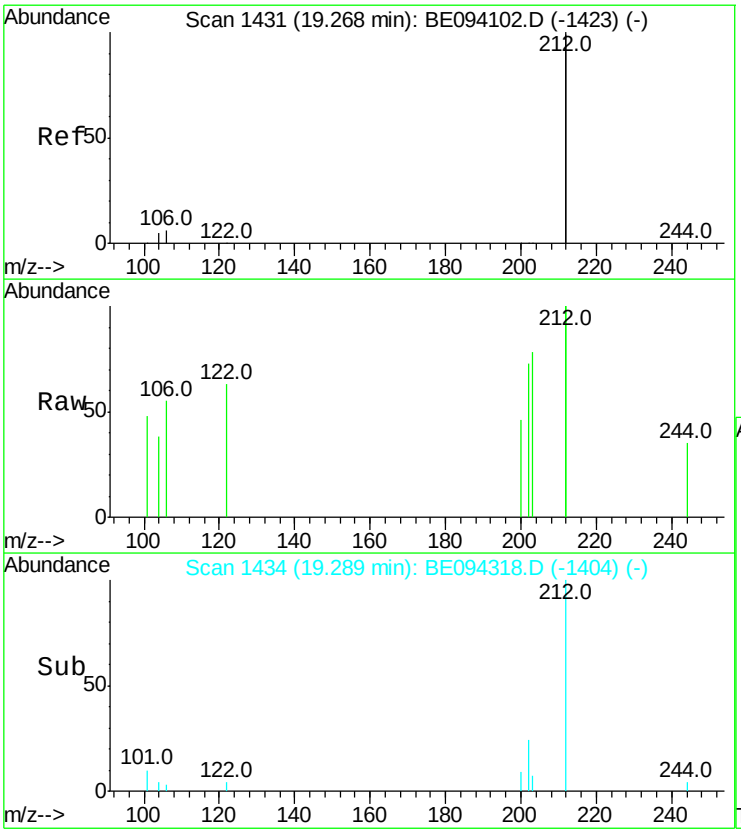
#24
Anthracene
Concen: 0.291 ng
RT: 17.30 min Scan# 1245
Delta R.T. -0.06 min
Lab File: BE094318.D
Acq: 12 Oct 2017 18:23

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:178 Resp: 6294

Ion	Ratio	Lower	Upper
178	100		
176	18.7	12.8	19.2
179	18.6	13.0	19.6

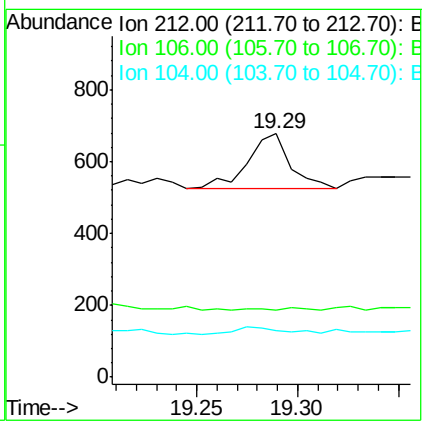


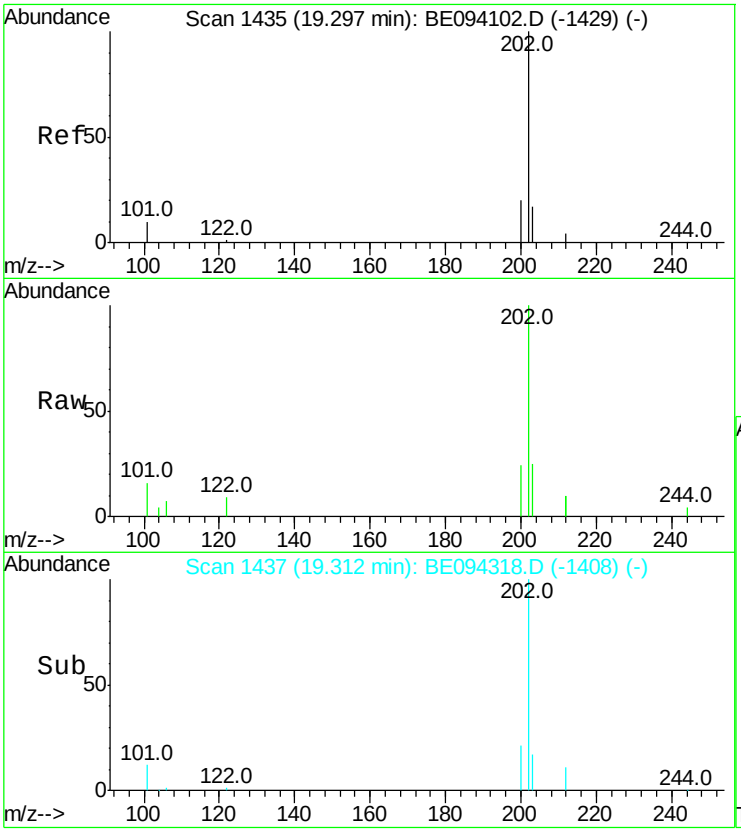


#25
Fluoranthene-d10
Concen: 0.003 ng
RT: 19.29 min Scan# 1434
Delta R.T. 0.02 min
Lab File: BE094318.D
Acq: 12 Oct 2017 18:23

Tgt Ion:212 Resp: 229

Ion	Ratio	Lower	Upper
212	100		
106	0.0	2.8	4.2#
104	13.5	1.6	2.4#



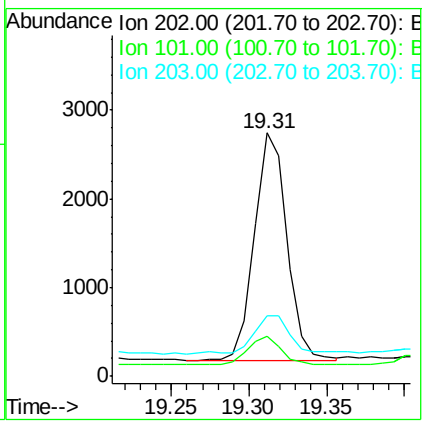


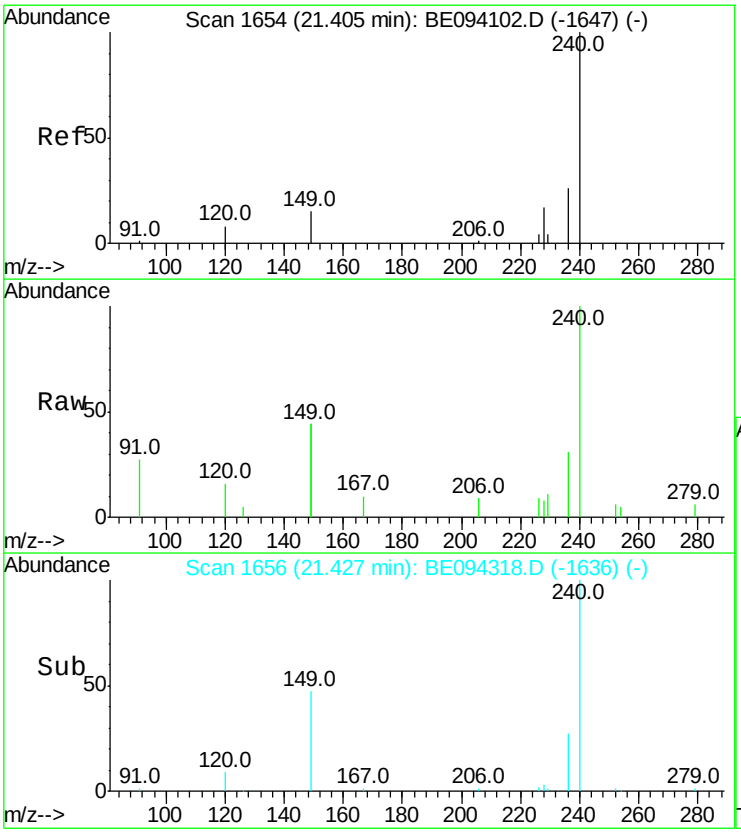
#26
Fluoranthene
Concen: 0.150 ng
RT: 19.31 min Scan# 1437
Delta R.T. 0.01 min
Lab File: BE094318.D
Acq: 12 Oct 2017 18:23

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:202 Resp: 3726

Ion	Ratio	Lower	Upper
202	100		
101	13.8	9.8	14.8
203	18.7	13.7	20.5

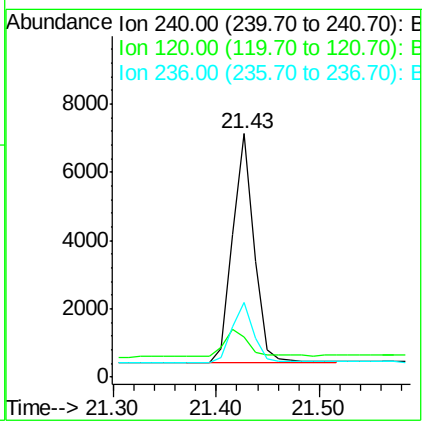


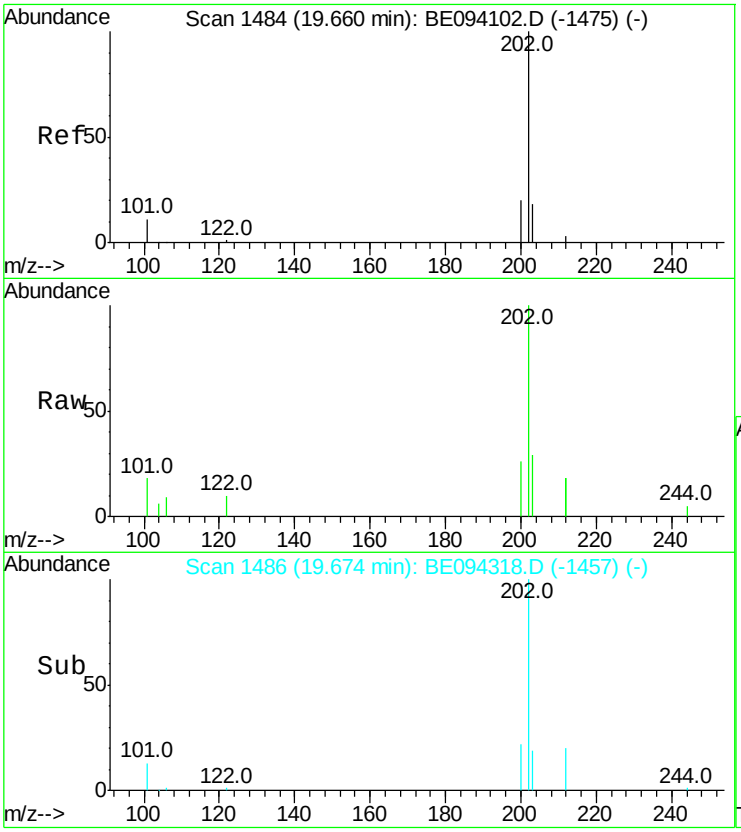


#27
Chrysene-d12
Concen: 0.400 ng
RT: 21.43 min Scan# 1656
Delta R.T. 0.02 min
Lab File: BE094318.D
Acq: 12 Oct 2017 18:23

Tgt Ion:240 Resp: 9658

Ion	Ratio	Lower	Upper
240	100		
120	16.4	5.5	8.3#
236	30.7	20.7	31.1



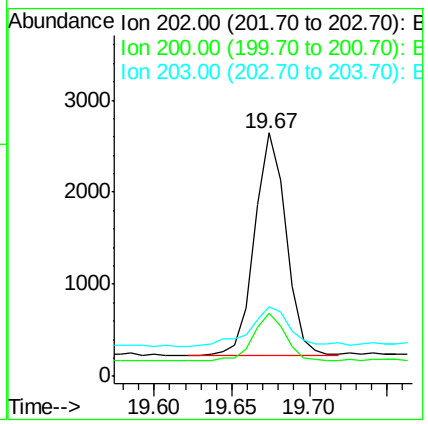


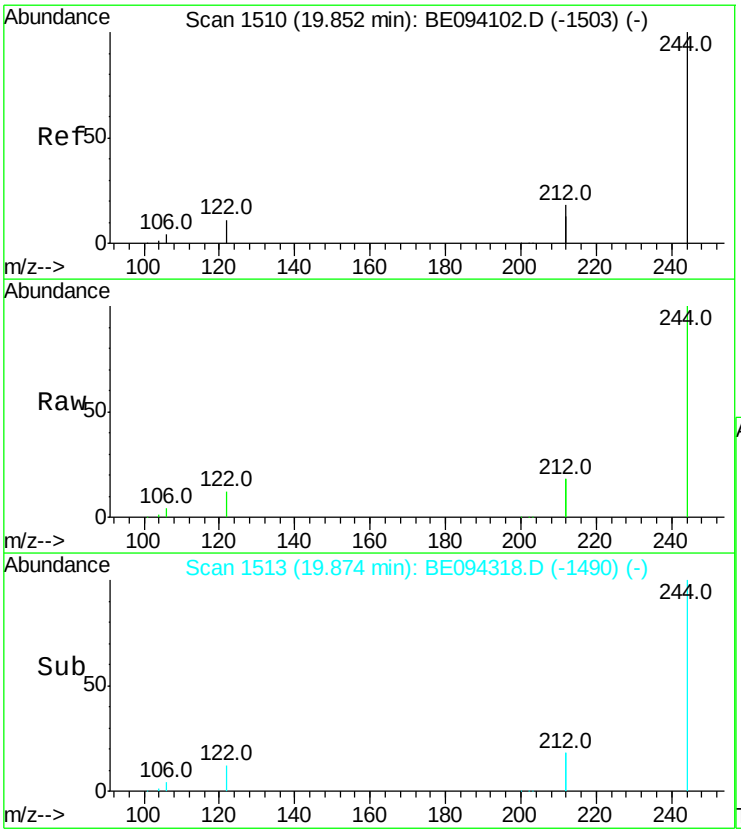
#28
Pyrene
Concen: 0.103 ng
RT: 19.67 min Scan# 1486
Delta R.T. 0.01 min
Lab File: BE094318.D
Acq: 12 Oct 2017 18:23

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:202 Resp: 3411

Ion	Ratio	Lower	Upper
202	100		
200	21.3	16.6	25.0
203	23.3	13.8	20.8#

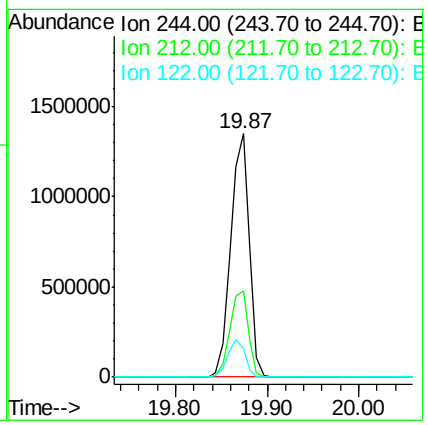


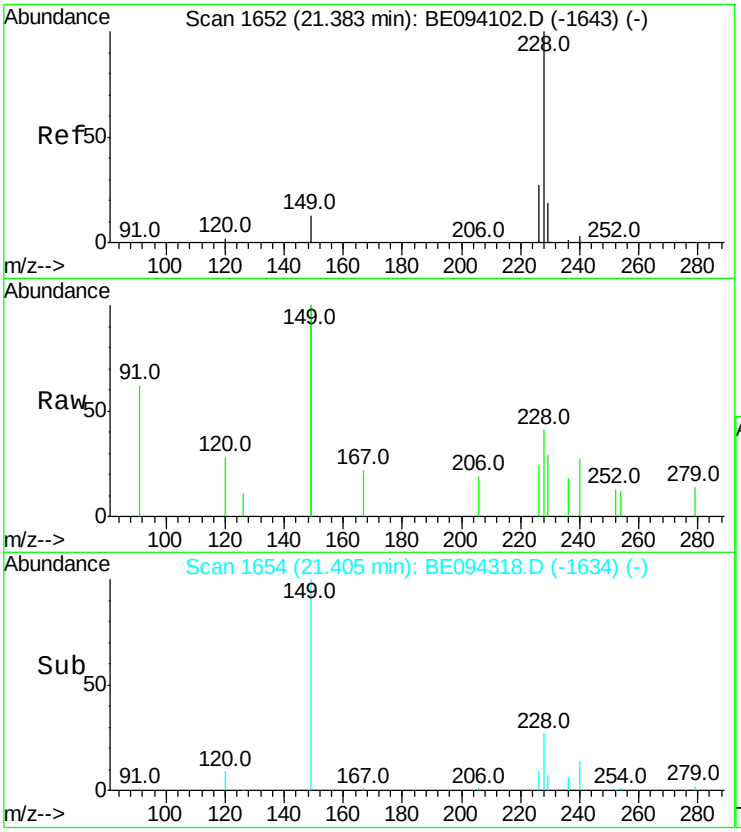


#29
Terphenyl-d14
Concen: 102.564 ng
RT: 19.87 min Scan# 1513
Delta R.T. 0.02 min
Lab File: BE094318.D
Acq: 12 Oct 2017 18:23

Tgt Ion:244 Resp: 1870586

Ion	Ratio	Lower	Upper
244	100		
212	35.6	25.4	38.0
122	11.5	8.1	12.1



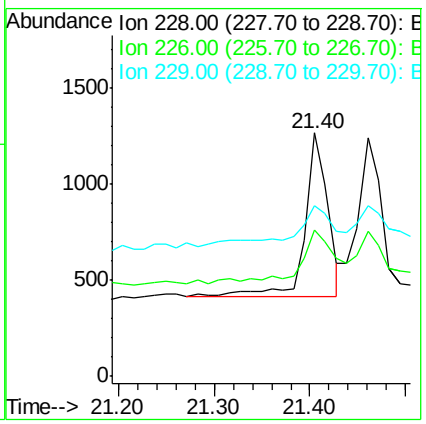


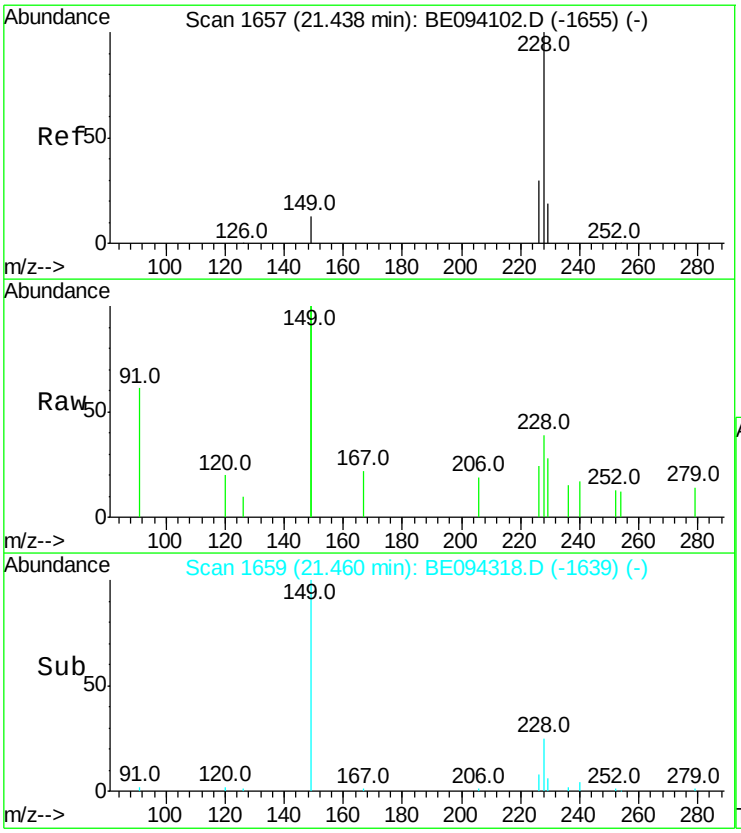
#30
Benzo(a)anthracene
Concen: 0.046 ng
RT: 21.40 min Scan# 1654
Delta R.T. 0.02 min
Lab File: BE094318.D
Acq: 12 Oct 2017 18:23

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:228 Resp: 1450

Ion	Ratio	Lower	Upper
228	100		
226	59.9	21.4	32.0#
229	70.2	16.4	24.6#

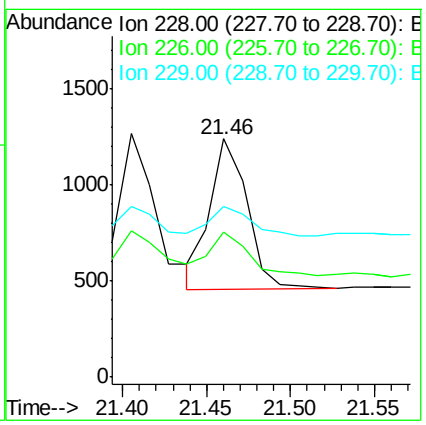


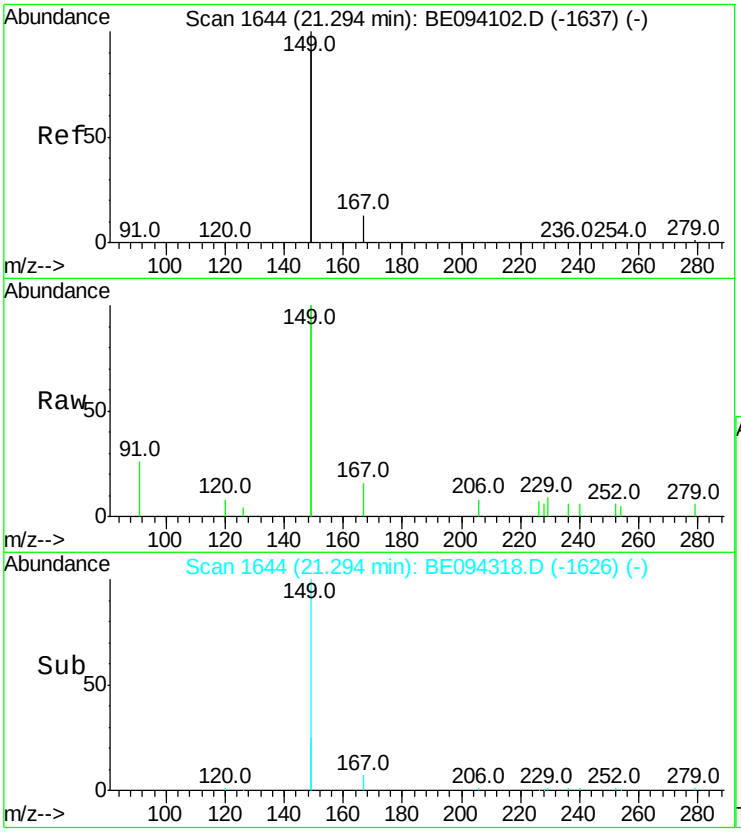


#31
Chrysene
Concen: 0.039 ng
RT: 21.46 min Scan# 1659
Delta R.T. 0.02 min
Lab File: BE094318.D
Acq: 12 Oct 2017 18:23

Tgt Ion:228 Resp: 1214

Ion	Ratio	Lower	Upper
228	100		
226	60.9	23.6	35.4#
229	71.5	16.4	24.6#



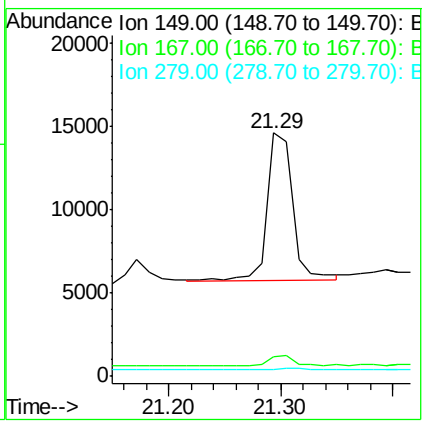


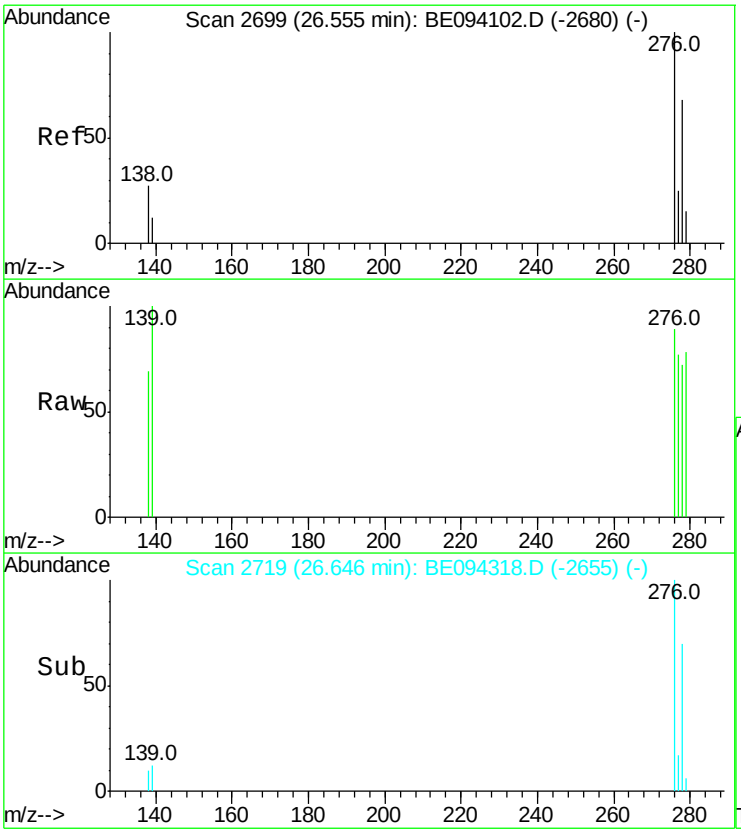
#32
Bis(2-ethylhexyl)phthalate
Concen: 0.198 ng
RT: 21.29 min Scan# 1644
Delta R.T. 0.00 min
Lab File: BE094318.D
Acq: 12 Oct 2017 18:23

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:149 Resp: 14487

Ion	Ratio	Lower	Upper
149	100		
167	7.4	5.4	8.0
279	1.5	0.7	1.1#

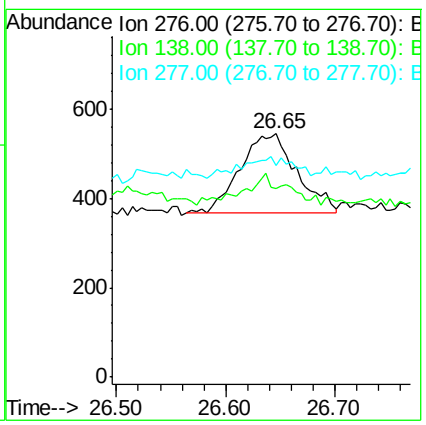


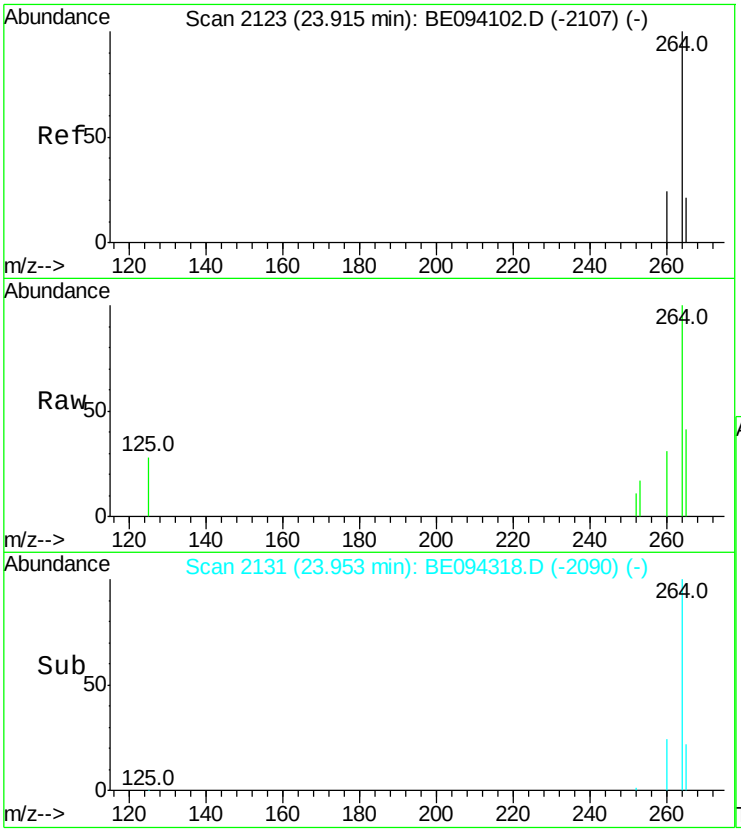


#33
Indeno(1,2,3-cd)pyrene
Concen: 0.021 ng
RT: 26.65 min Scan# 2719
Delta R.T. 0.09 min
Lab File: BE094318.D
Acq: 12 Oct 2017 18:23

Tgt Ion:276 Resp: 647

Ion	Ratio	Lower	Upper
276	100		
138	13.1	22.5	33.7#
277	16.2	19.9	29.9#



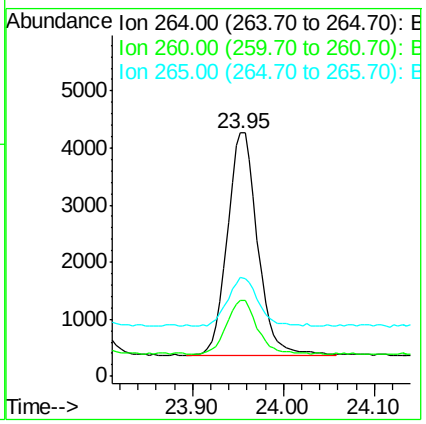


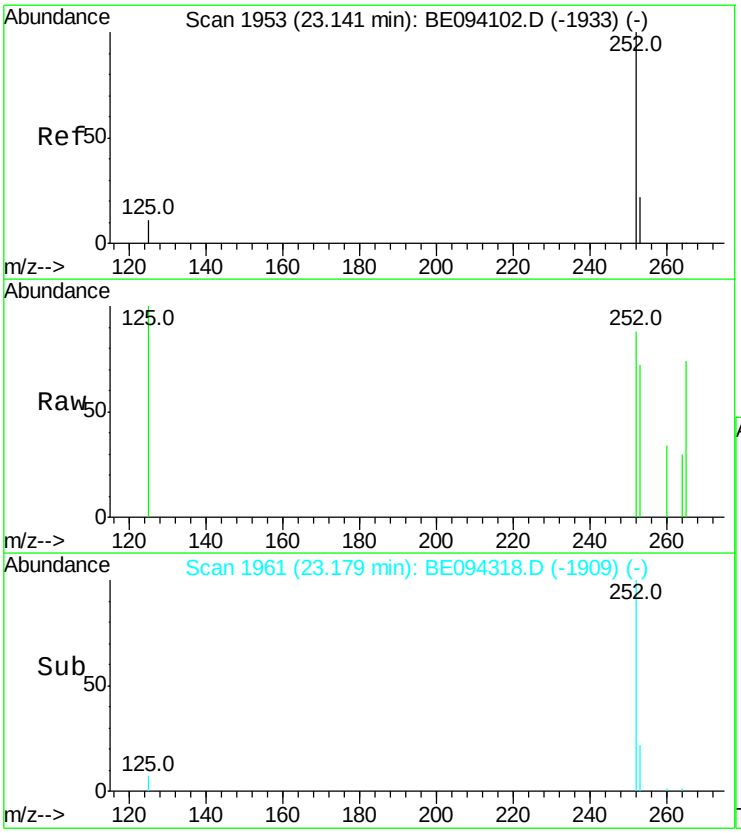
#34
Perylene-d12
Concen: 0.400 ng
RT: 23.95 min Scan# 2131
Delta R.T. 0.04 min
Lab File: BE094318.D
Acq: 12 Oct 2017 18:23

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:264 Resp: 9028

Ion	Ratio	Lower	Upper
264	100		
260	31.4	20.5	30.7#
265	40.8	22.8	34.2#

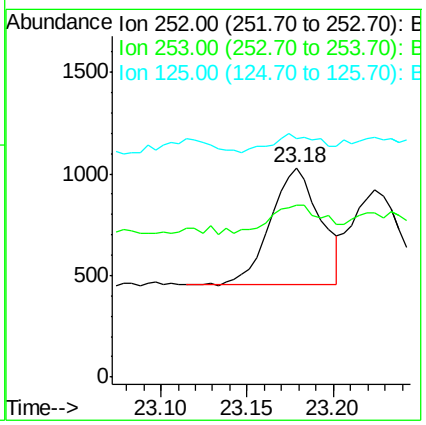


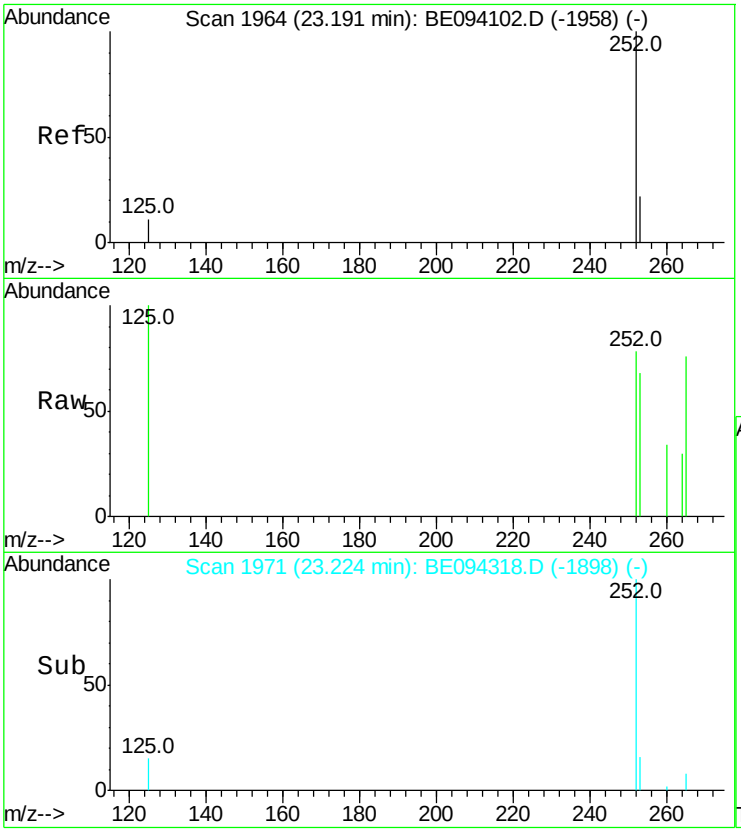


#35
Benzo(b)fluoranthene
Concen: 0.038 ng
RT: 23.18 min Scan# 1961
Delta R.T. 0.04 min
Lab File: BE094318.D
Acq: 12 Oct 2017 18:23

Tgt Ion:252 Resp: 1164

Ion	Ratio	Lower	Upper
252	100		
253	81.8	18.2	27.2#
125	114.1	10.1	15.1#



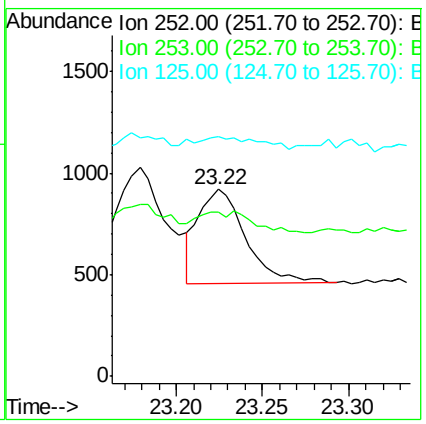


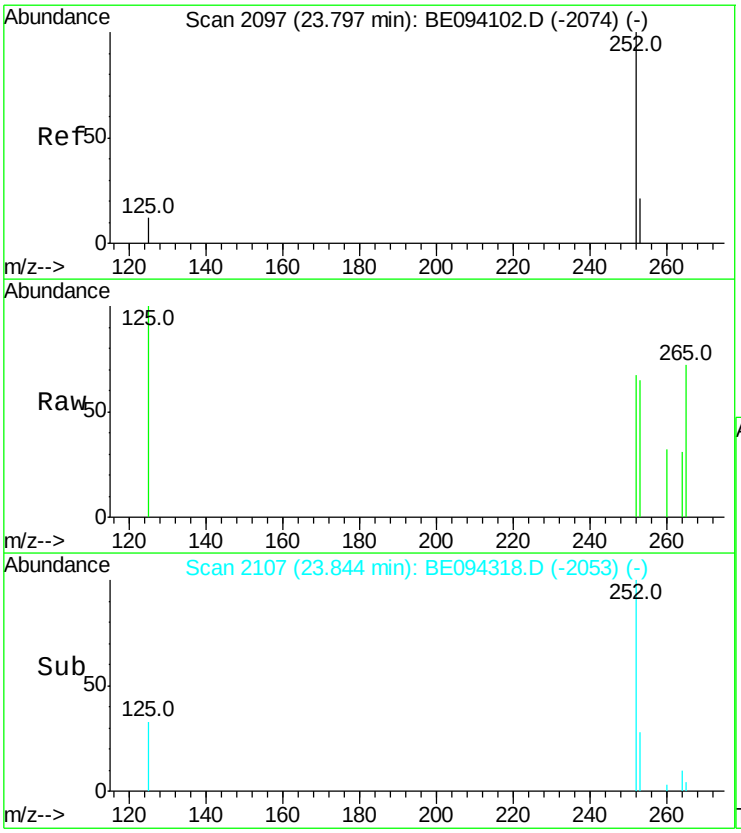
#36
Benzo(k)fluoranthene
Concen: 0.028 ng
RT: 23.22 min Scan# 1971
Delta R.T. 0.03 min
Lab File: BE094318.D
Acq: 12 Oct 2017 18:23

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:252 Resp: 879

Ion	Ratio	Lower	Upper
252	100		
253	87.6	18.6	27.8#
125	128.2	10.7	16.1#





#37
Benzo(a)pyrene
Concen: 0.027 ng
RT: 23.84 min Scan# 2107
Delta R.T. 0.05 min
Lab File: BE094318.D
Acq: 12 Oct 2017 18:23

Tgt Ion:252 Resp: 782

Ion	Ratio	Lower	Upper
252	100		
253	97.0	19.0	28.6#
125	150.4	11.8	17.8#