Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA E\DATA\BE100617\
Data File : BE094193.D
Acq On : 6 Oct 2017 23:43
Operator : SJ/JU
Sample : I5571-08
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument : BNA_E
ClientSampleId : PAMT-COMP-D

Quant Time: Oct 07 01:16:14 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	7.91	152	1508	0.40	ng		0.00
7) Naphthalene-d8	10.69	136	7394	0.40	ng		0.00
13) Acenaphthene-d10	14.51	164	4355	0.40	ng		0.00
19) Phenanthrene-d10	17.24	188	11254	0.40	ng		0.00
27) Chrysene-d12	21.40	240	10545	0.40	ng		0.00
34) Perylene-d12	23.90	264	9943	0.40	ng		-0.01
System Monitoring Compounds							
4) 2-Fluorophenol	5.50	112	283054	56.33	ng		0.00
5) Phenol-d6	7.07	99	296242	40.66	ng		-0.01
8) Nitrobenzene-d5	9.04	82	578751	94.01	ng		-0.02
11) 2-Methylnaphthalene-d10	12.29	152	6	0.00	ng		0.01
14) 2,4,6-Tribromophenol	16.00	330	232539	122.83	ng		0.00
15) 2-Fluorobiphenyl	13.13	172	1149382	77.04	ng		0.00
25) Fluoranthene-d10	19.26	212	62	0.00	ng		0.00
29) Terphenyl-d14	19.85	244	1557730	78.23	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.42	88	176	0.064	ng	#	18
3) n-Nitrosodimethylamine	3.68	42	15	0.005	ng	#	1
6) bis(2-Chloroethyl)ether	7.24	93	262	0.044	ng	#	1
9) Naphthalene	10.74	128	1627	0.020	ng	#	87
10) Hexachlorobutadiene	11.01	225	33	0.010	ng		91
12) 2-Methylnaphthalene	12.34	142	217	0.016	ng	#	85
16) Acenaphthylene	14.23	152	123	0.006	ng	#	48
17) Acenaphthene	14.57	154	112	0.008	ng	#	82
18) Fluorene	15.55	166	187	0.010	ng	#	75
20) 4-Bromophenyl-phenylether	16.42	248	12	0.002	ng	#	1
21) Hexachlorobenzene	16.55	284	8	0.001	ng	#	38
22) Pentachlorophenol	16.91	266	68	0.043	ng		97
23) Phenanthrene	17.27	178	1295	0.033	ng	#	82
24) Anthracene	17.37	178	528	0.018	ng	#	80
26) Fluoranthene	19.29	202	1295	0.038	ng	#	86
28) Pyrene	19.65	202	2368	0.065	ng	#	94
30) Benzo(a)anthracene	21.38	228	959	0.028	ng	#	69
31) Chrysene	21.44	228	1138	0.033	ng	#	74
32) Bis(2-ethylhexyl)phthalate	21.28	149	44219	0.554	ng		100
33) Indeno(1,2,3-cd)pyrene	26.55	276	673	0.020	ng		97
35) Benzo(b)fluoranthene	23.14	252	1027	0.031	ng	#	15
36) Benzo(k)fluoranthene	23.14	252	1027	0.030	ng	#	17
37) Benzo(a)pyrene	23.79	252	722	0.023	ng	#	1
38) Dibenzo(a,h)anthracene	26.56	278	567	0.019	ng	#	15
39) Benzo(g,h,i)perylene	27.36	276	638	0.021	ng	#	46

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

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Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument :
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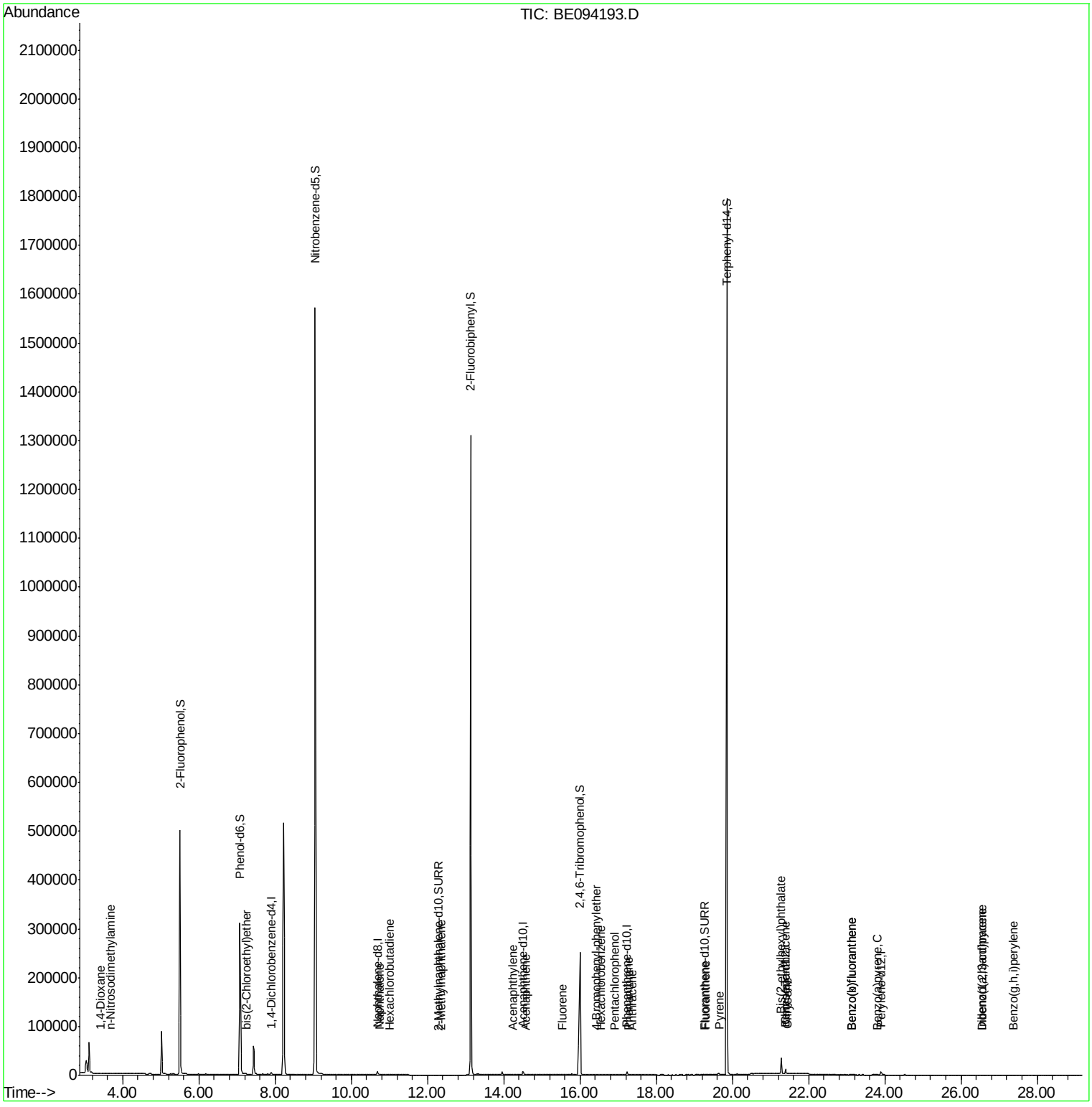
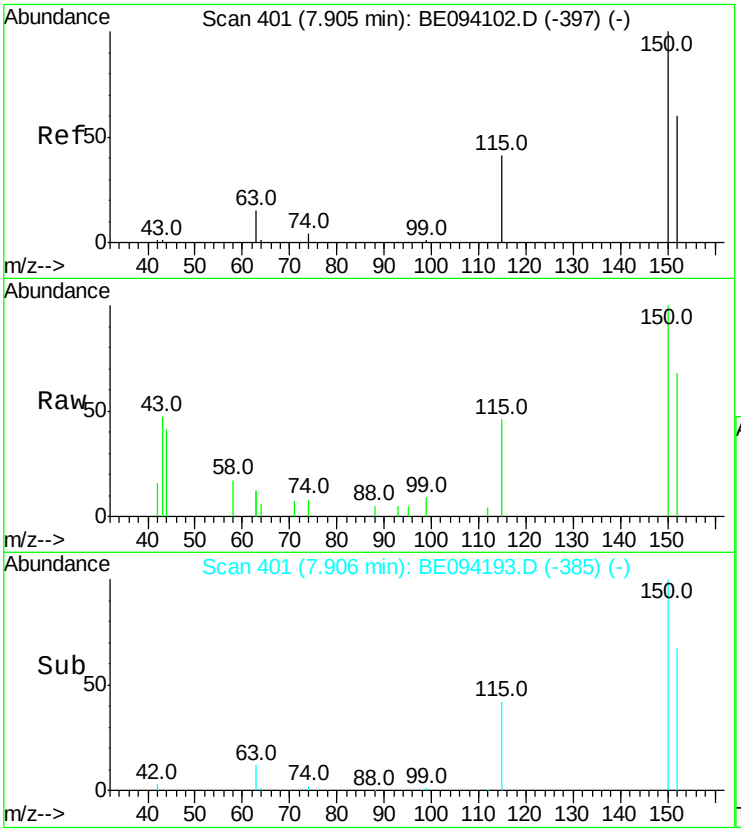
PAMT-COMP-D

Quant Time: Oct 07 01:16:14 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



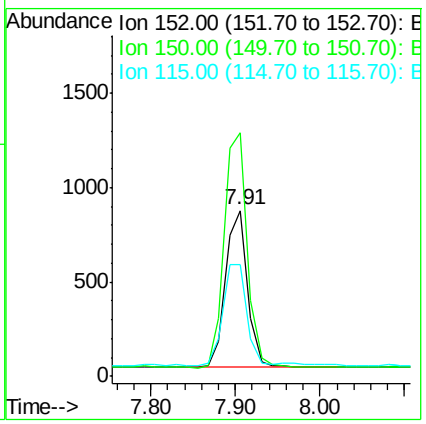


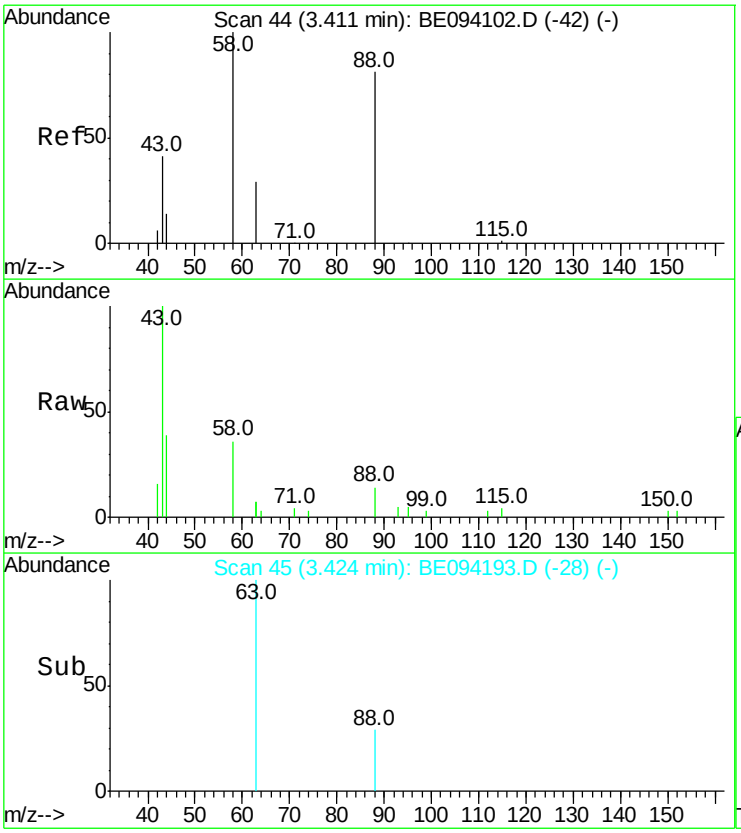
#1
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.91 min Scan# 401
Delta R.T. 0.00 min
Lab File: BE094193.D
Acq: 6 Oct 2017 23:43

Instrument :
BNA_E
ClientSampleId :
PAMT-COMP-D

Tgt Ion:152 Resp: 1508

Ion	Ratio	Lower	Upper
152	100		
150	146.8	117.2	175.8
115	67.1	57.0	85.6

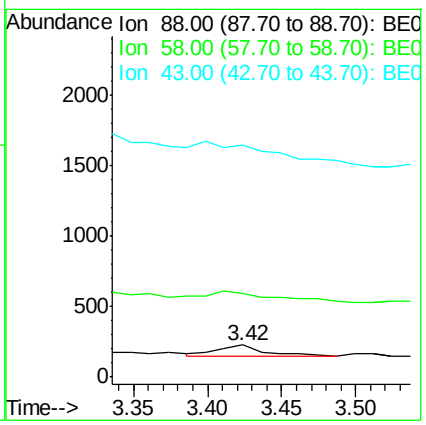


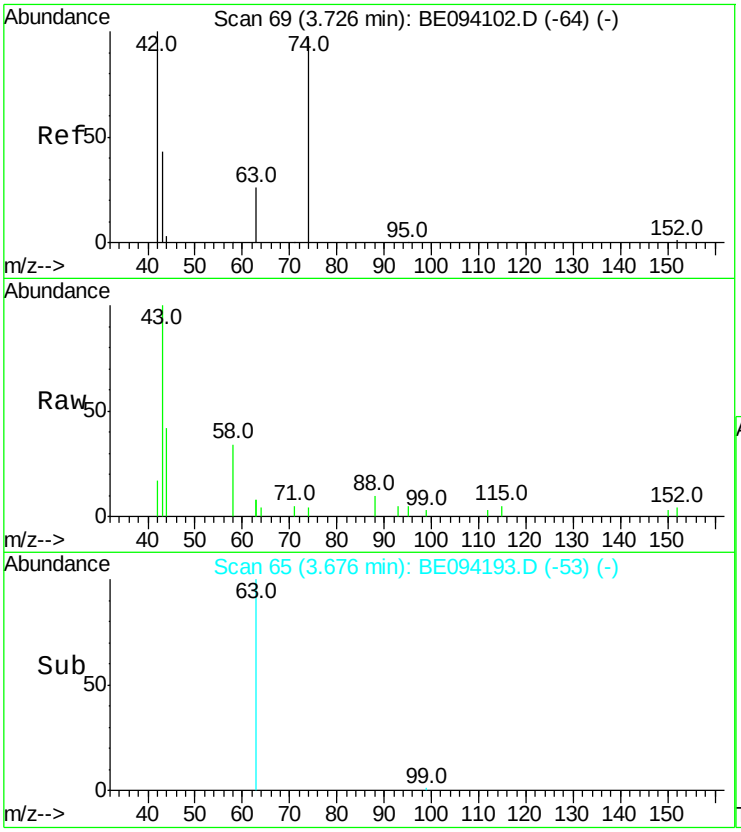


#2
1,4-Dioxane
Concen: 0.064 ng
RT: 3.42 min Scan# 45
Delta R.T. 0.01 min
Lab File: BE094193.D
Acq: 6 Oct 2017 23:43

Tgt Ion: 88 Resp: 176

Ion	Ratio	Lower	Upper
88	100		
58	155.7	63.2	94.8#
43	0.0	41.2	61.8#



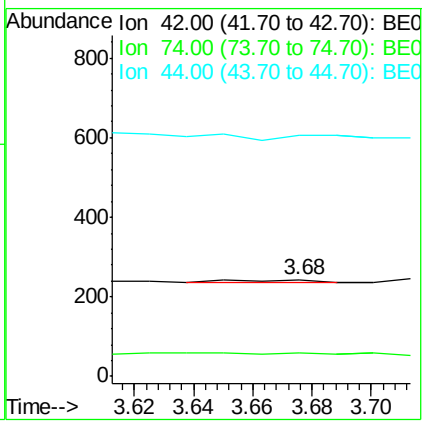


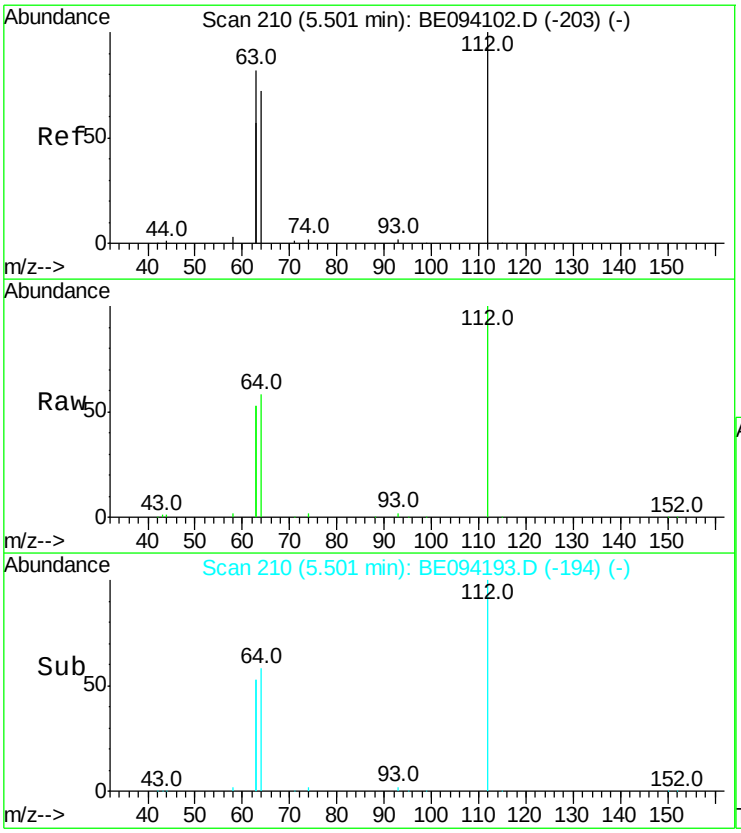
#3
n-Nitrosodimethylamine
Concen: 0.005 ng
RT: 3.68 min Scan# 65
Delta R.T. -0.05 min
Lab File: BE094193.D
Acq: 6 Oct 2017 23:43

Instrument :
BNA_E
ClientSampleId :
PAMT-COMP-D

Tgt Ion: 42 Resp: 15

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

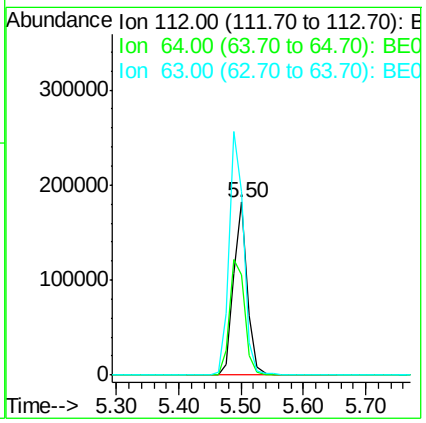


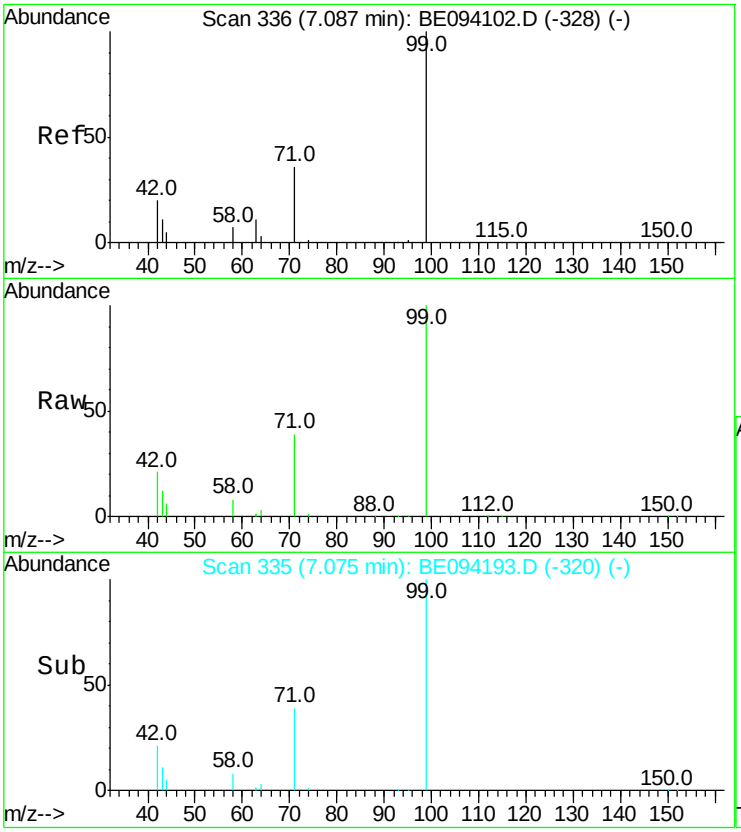


#4
2-Fluorophenol
Concen: 56.326 ng
RT: 5.50 min Scan# 210
Delta R.T. 0.00 min
Lab File: BE094193.D
Acq: 6 Oct 2017 23:43

Tgt Ion:112 Resp: 283054

Ion	Ratio	Lower	Upper
112	100		
64	75.3	60.1	90.1
63	149.6	116.8	175.2



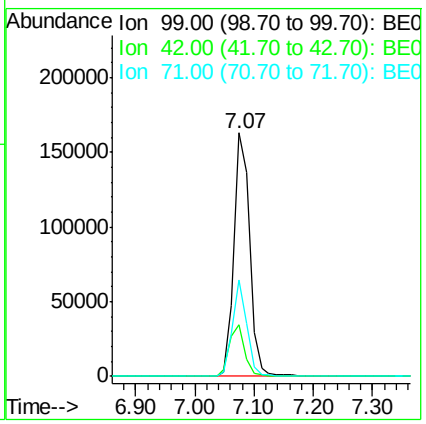


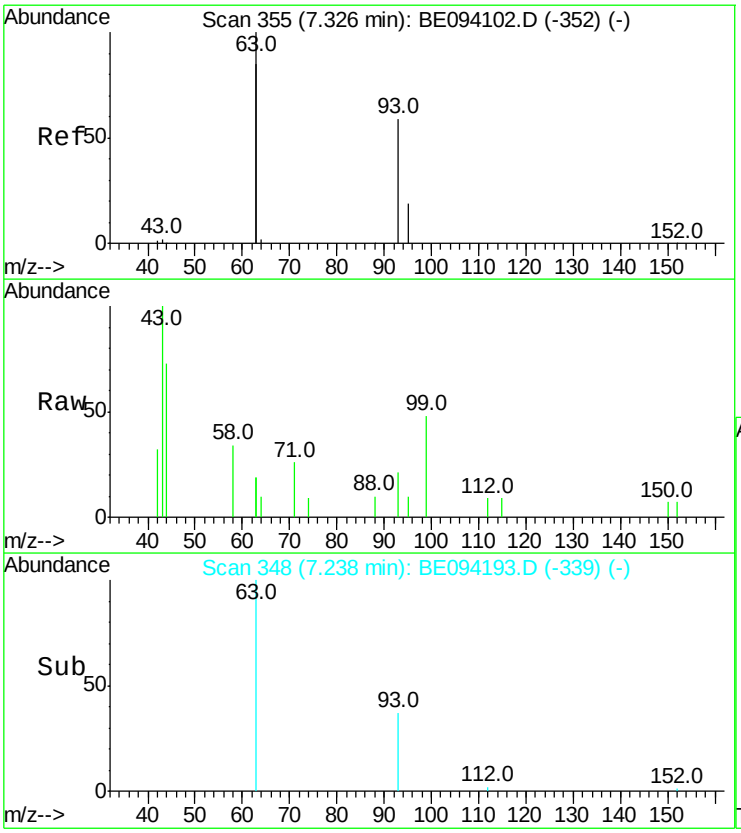
#5
Phenol-d6
Concen: 40.663 ng
RT: 7.07 min Scan# 335
Delta R.T. -0.01 min
Lab File: BE094193.D
Acq: 6 Oct 2017 23:43

Instrument :
BNA_E
ClientSampleId :
PAMT-COMP-D

Tgt Ion: 99 Resp: 296242

Ion	Ratio	Lower	Upper
99	100		
42	20.6	20.2	30.2
71	35.5	28.4	42.6

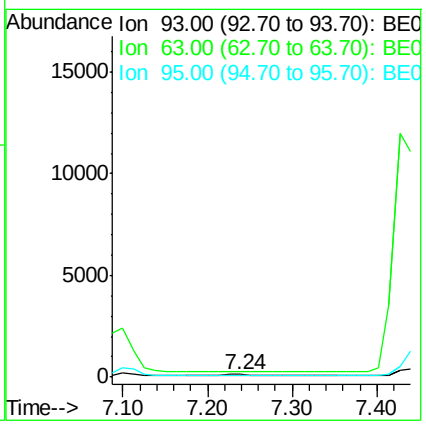


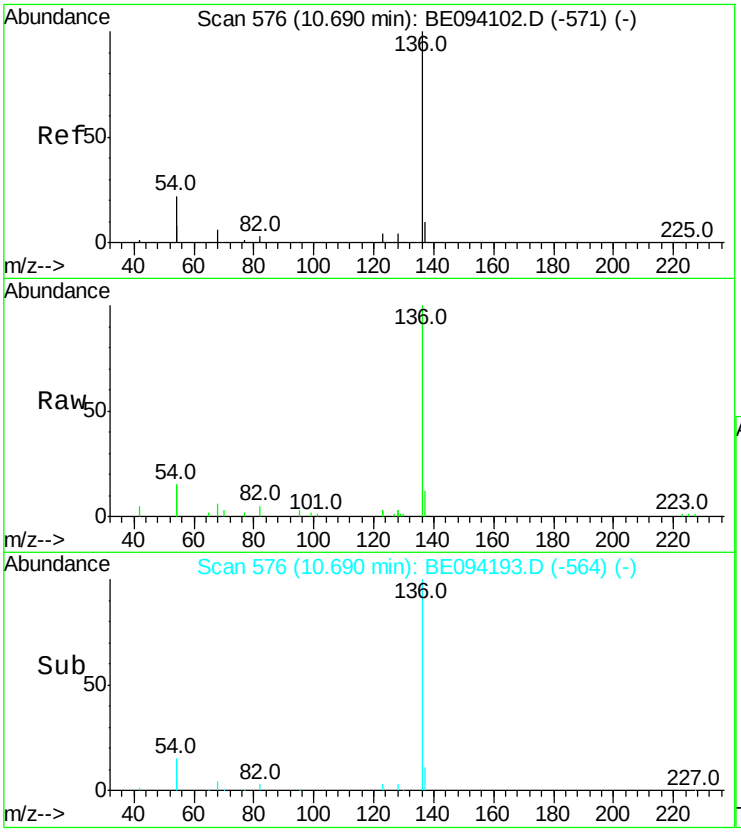


#6
bis(2-Chloroethyl)ether
Concen: 0.044 ng
RT: 7.24 min Scan# 348
Delta R.T. -0.09 min
Lab File: BE094193.D
Acq: 6 Oct 2017 23:43

Tgt Ion: 93 Resp: 262

Ion	Ratio	Lower	Upper
93	100		
63	0.0	275.3	412.9#
95	0.0	25.2	37.8#



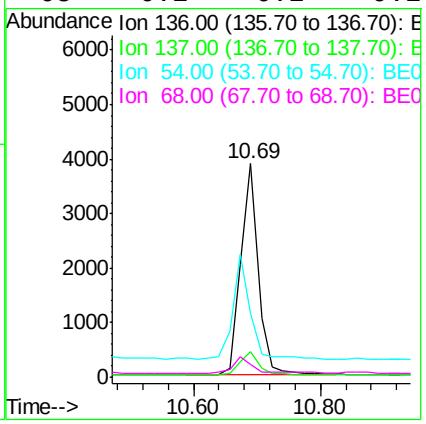


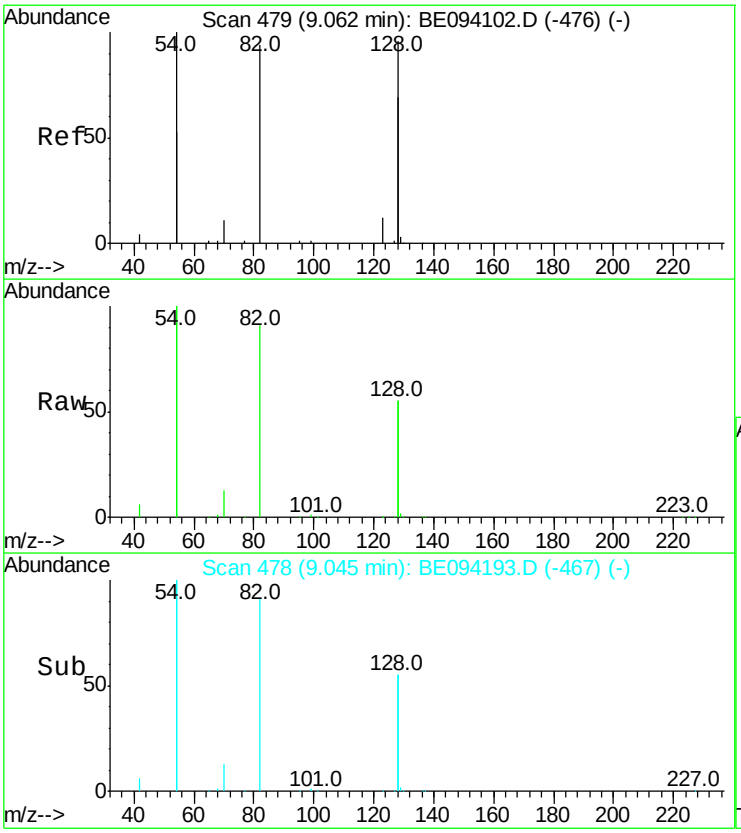
#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.69 min Scan# 576
Delta R.T. -0.00 min
Lab File: BE094193.D
Acq: 6 Oct 2017 23:43

Instrument :
BNA_E
ClientSampleId :
PAMT-COMP-D

Tgt Ion:136 Resp: 7394

Ion	Ratio	Lower	Upper
136	100		
137	11.9	9.5	14.3
54	30.2	29.1	43.7
68	6.2	6.2	9.2

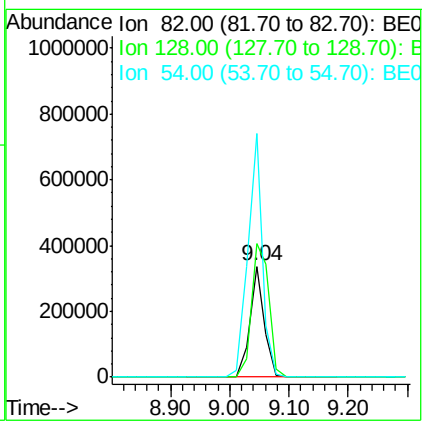


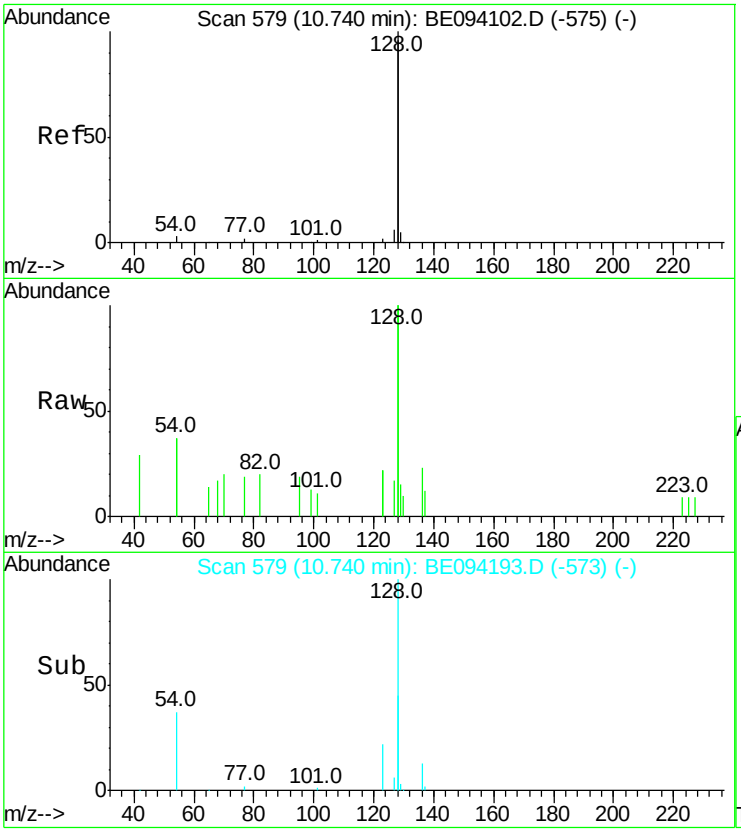


#8
Nitrobenzene-d5
Concen: 94.012 ng
RT: 9.04 min Scan# 478
Delta R.T. -0.02 min
Lab File: BE094193.D
Acq: 6 Oct 2017 23:43

Tgt Ion: 82 Resp: 578751

Ion	Ratio	Lower	Upper
82	100		
128	120.7	150.0	225.0#
54	219.2	154.2	231.4



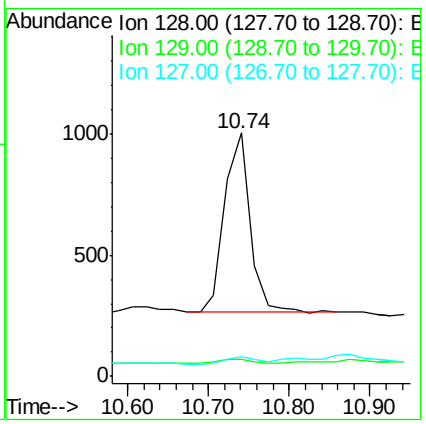


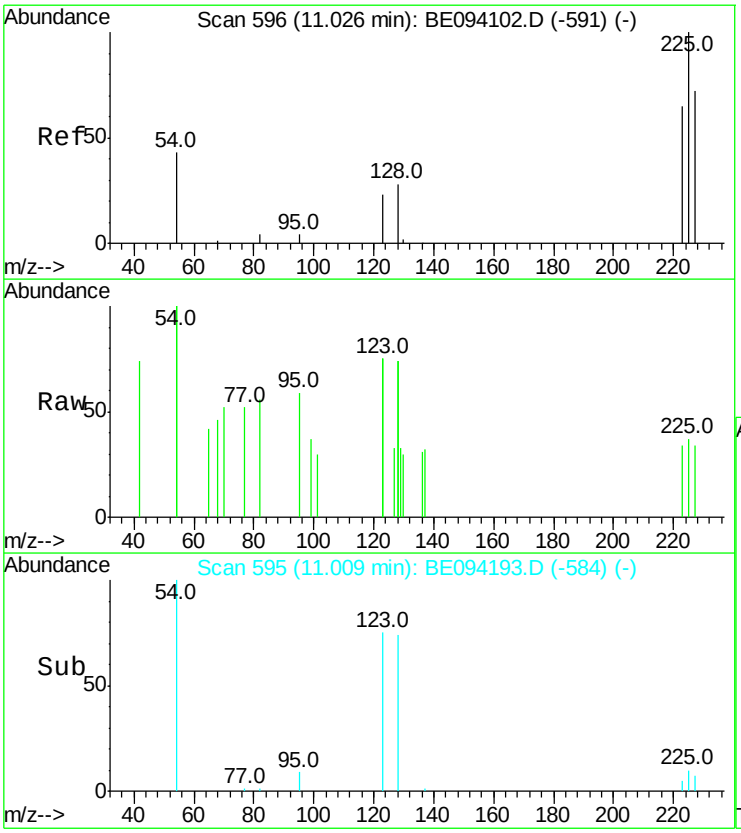
#9
Naphthalene
Concen: 0.020 ng
RT: 10.74 min Scan# 579
Delta R.T. -0.00 min
Lab File: BE094193.D
Acq: 6 Oct 2017 23:43

Instrument :
BNA_E
ClientSampleId :
PAMT-COMP-D

Tgt Ion:128 Resp: 1627

Ion	Ratio	Lower	Upper
128	100		
129	7.3	2.6	3.8#
127	8.3	2.8	4.2#

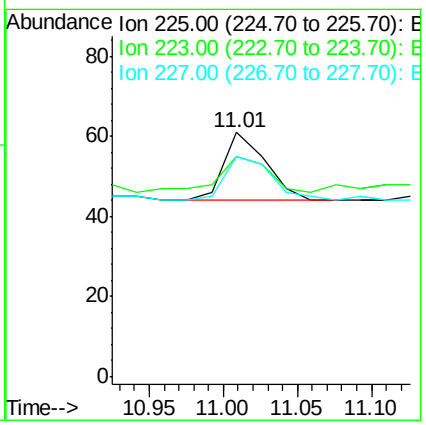


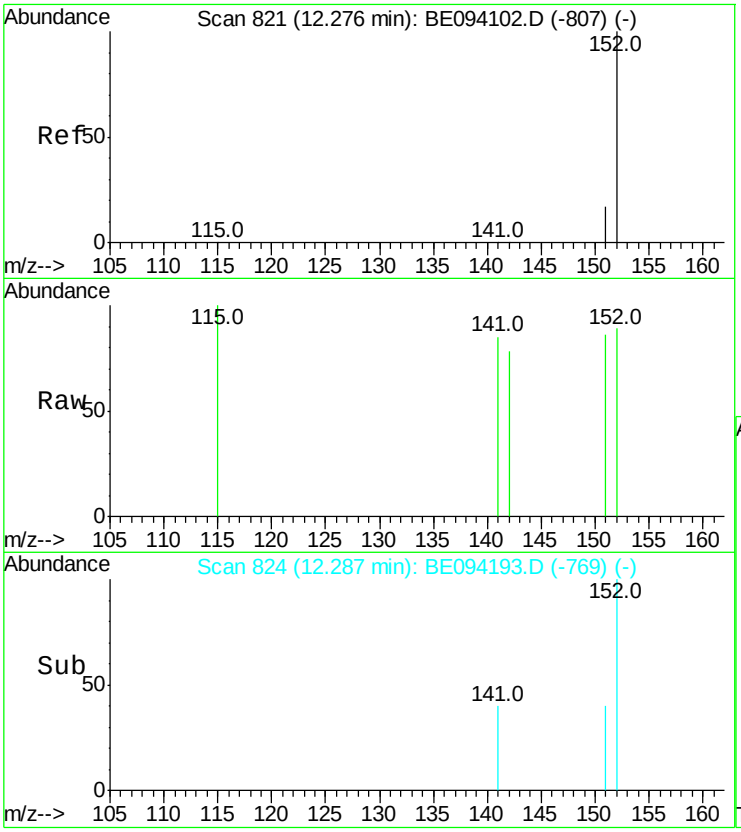


#10
Hexachlorobutadiene
Concen: 0.010 ng
RT: 11.01 min Scan# 595
Delta R.T. -0.02 min
Lab File: BE094193.D
Acq: 6 Oct 2017 23:43

Tgt Ion:225 Resp: 33

Ion	Ratio	Lower	Upper
225	100		
223	63.6	53.0	79.6
227	75.8	51.4	77.2



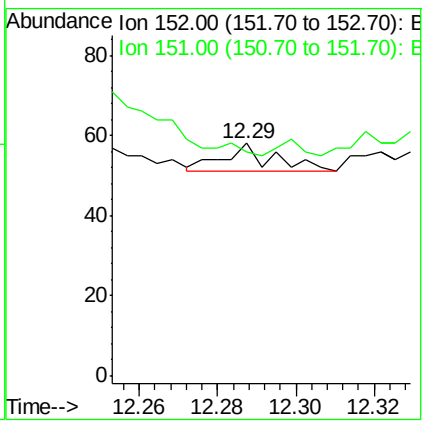


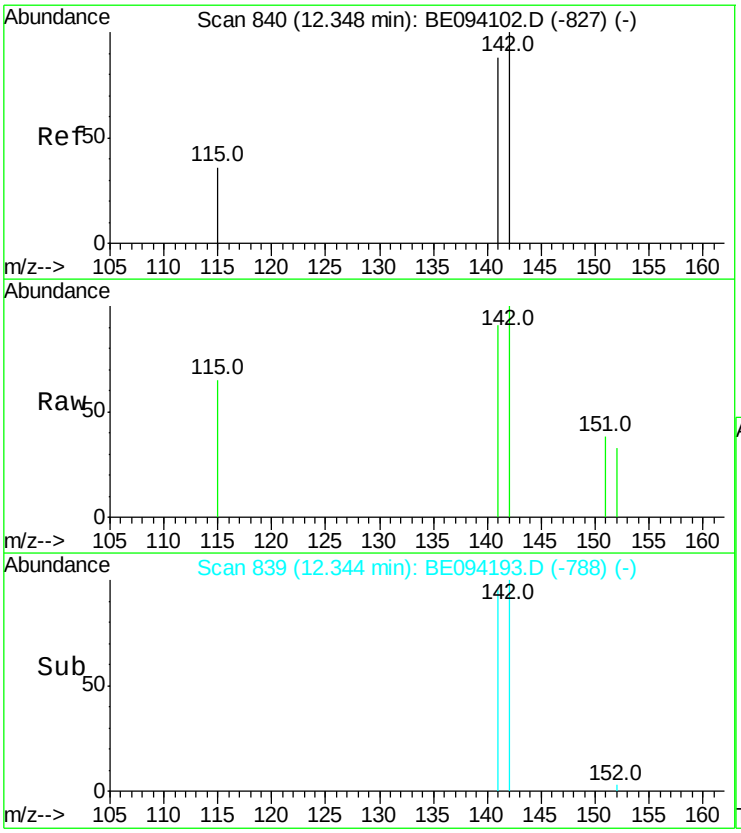
#11
2-Methylnaphthalene-d10
Concen: 0.001 ng
RT: 12.29 min Scan# 824
Delta R.T. 0.01 min
Lab File: BE094193.D
Acq: 6 Oct 2017 23:43

Instrument :
BNA_E
ClientSampleId :
PAMT-COMP-D

Tgt Ion:152 Resp: 6

Ion	Ratio	Lower	Upper
152	100		
151	33.3	15.4	23.0#

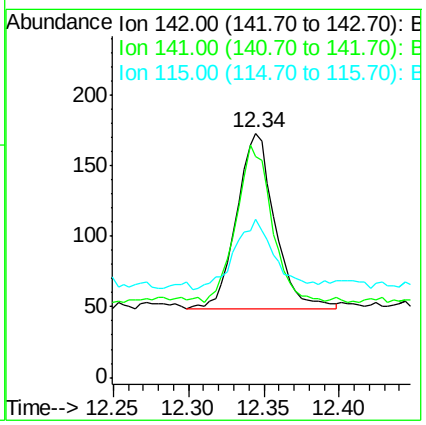


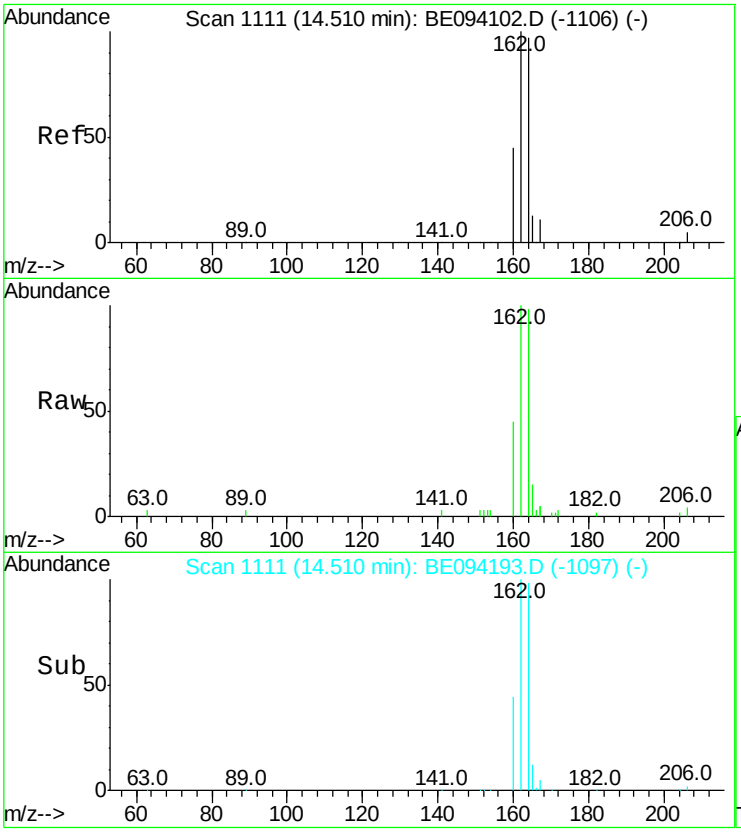


#12
2-Methylnaphthalene
Concen: 0.016 ng
RT: 12.34 min Scan# 839
Delta R.T. -0.00 min
Lab File: BE094193.D
Acq: 6 Oct 2017 23:43

Tgt Ion:142 Resp: 217

Ion	Ratio	Lower	Upper
142	100		
141	90.8	70.4	105.6
115	64.7	31.7	47.5#



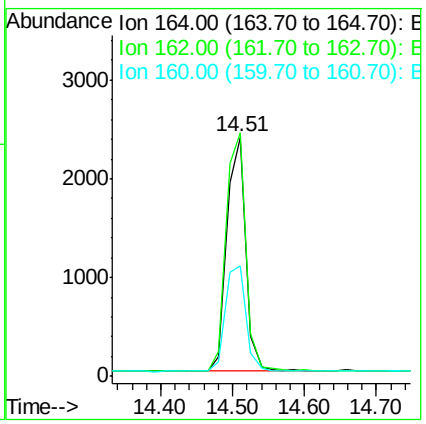


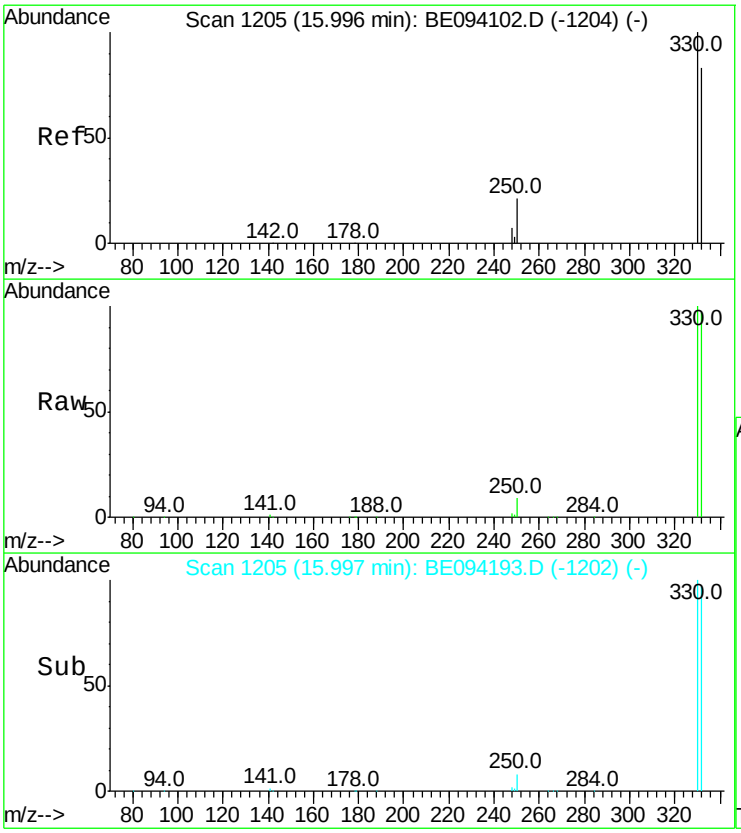
#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.51 min Scan# 1111
Delta R.T. 0.00 min
Lab File: BE094193.D
Acq: 6 Oct 2017 23:43

Instrument :
BNA_E
ClientSampleId :
PAMT-COMP-D

Tgt Ion:164 Resp: 4355

Ion	Ratio	Lower	Upper
164	100		
162	101.9	83.1	124.7
160	46.4	37.1	55.7

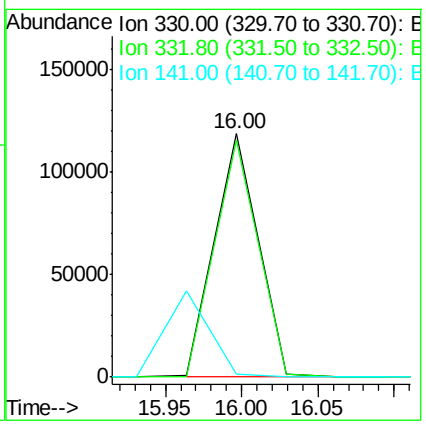


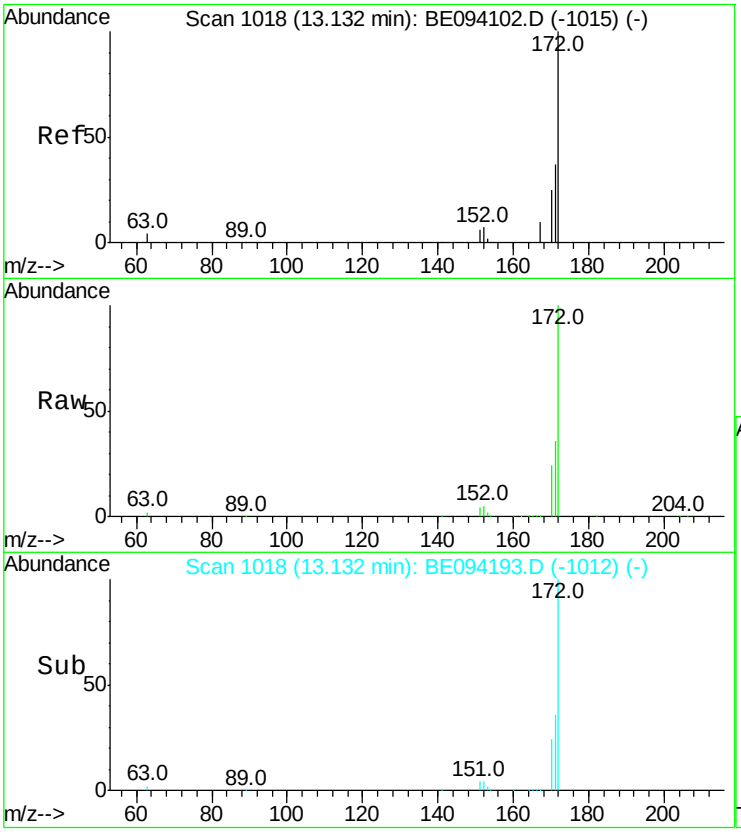


#14
2,4,6-Tribromophenol
Concen: 122.826 ng
RT: 16.00 min Scan# 1205
Delta R.T. 0.00 min
Lab File: BE094193.D
Acq: 6 Oct 2017 23:43

Tgt Ion:330 Resp: 232539

Ion	Ratio	Lower	Upper
330	100		
332	97.6	152.7	229.1#
141	0.0	33.7	50.5#



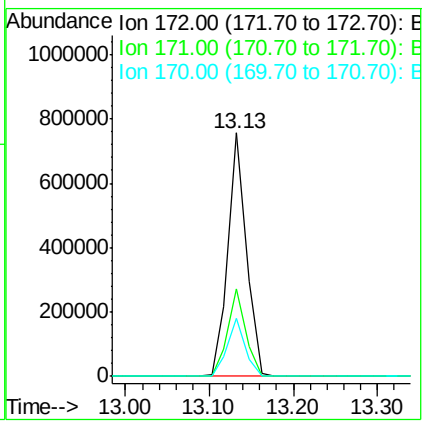


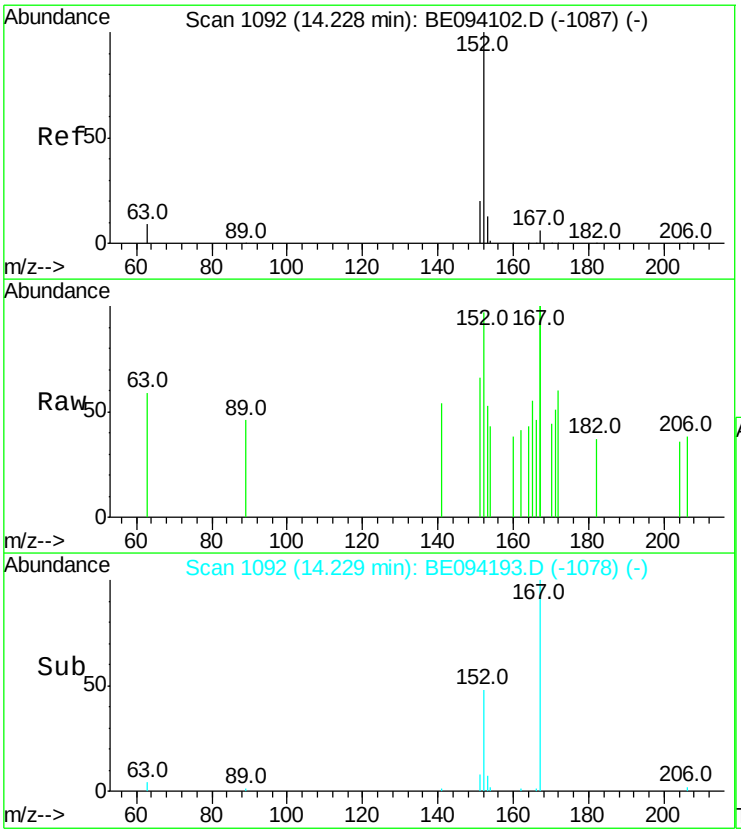
#15
2-Fluorobiphenyl
Concen: 77.042 ng
RT: 13.13 min Scan# 1018
Delta R.T. 0.00 min
Lab File: BE094193.D
Acq: 6 Oct 2017 23:43

Instrument :
BNA_E
ClientSampleId :
PAMT-COMP-D

Tgt Ion:172 Resp: 1149382

Ion	Ratio	Lower	Upper
172	100		
171	35.8	29.9	44.9
170	23.9	21.8	32.8

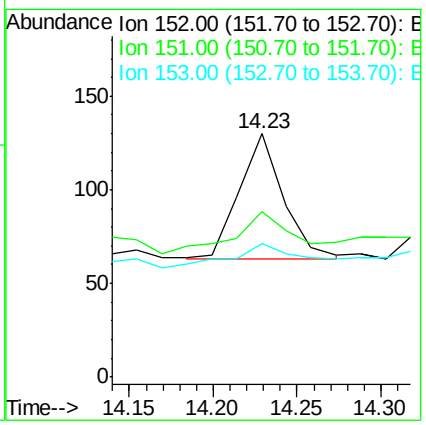


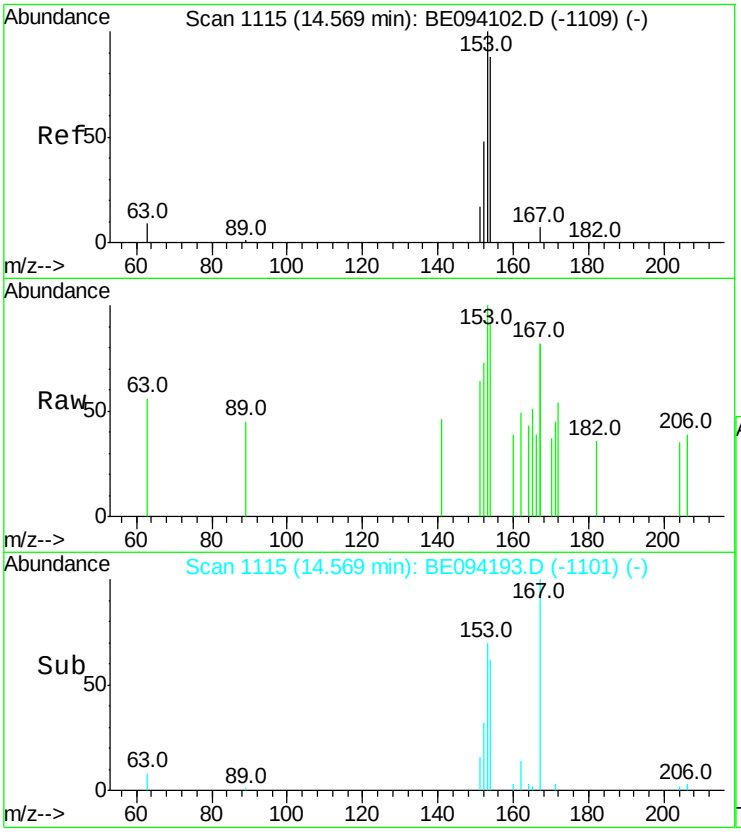


#16
Acenaphthylene
Concen: 0.006 ng
RT: 14.23 min Scan# 1092
Delta R.T. 0.00 min
Lab File: BE094193.D
Acq: 6 Oct 2017 23:43

Tgt Ion:152 Resp: 123

Ion	Ratio	Lower	Upper
152	100		
151	44.7	15.7	23.5#
153	31.7	10.5	15.7#



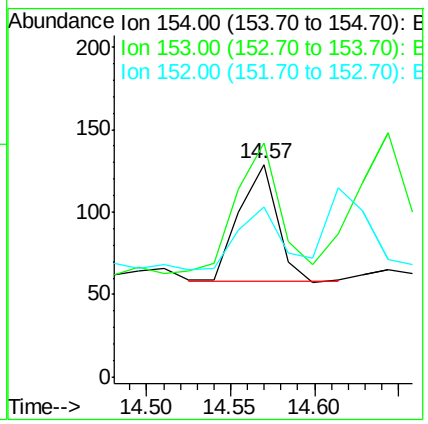


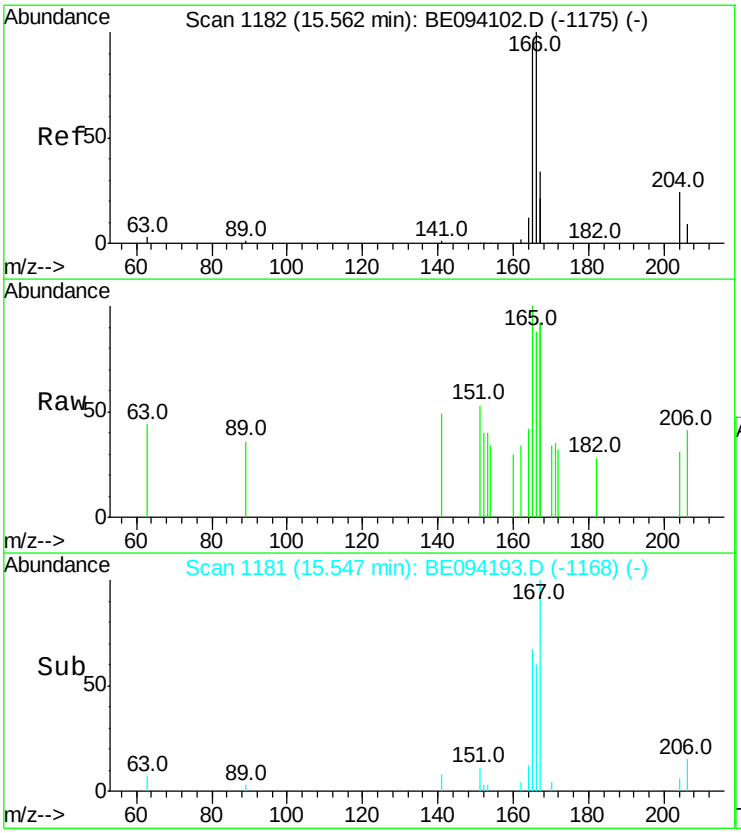
#17
Acenaphthene
Concen: 0.008 ng
RT: 14.57 min Scan# 1115
Delta R.T. 0.00 min
Lab File: BE094193.D
Acq: 6 Oct 2017 23:43

Instrument :
BNA_E
ClientSampleId :
PAMT-COMP-D

Tgt Ion:154 Resp: 112

Ion	Ratio	Lower	Upper
154	100		
153	130.4	89.2	133.8
152	66.1	42.0	63.0#

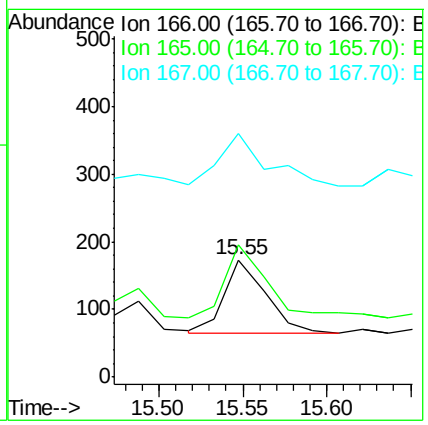


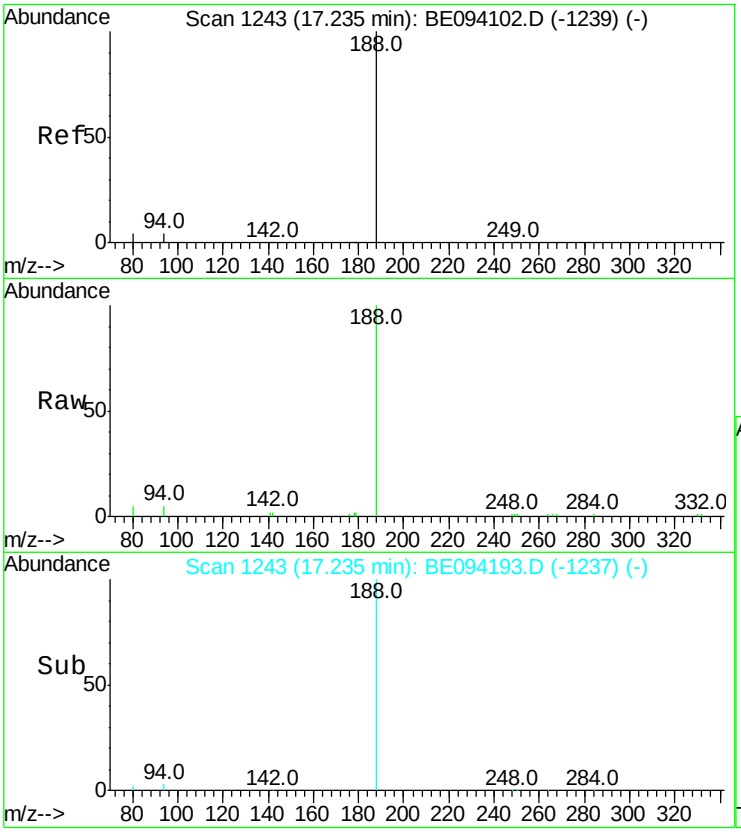


#18
Fluorene
Concen: 0.010 ng
RT: 15.55 min Scan# 1181
Delta R.T. -0.01 min
Lab File: BE094193.D
Acq: 6 Oct 2017 23:43

Tgt Ion:166 Resp: 187

Ion	Ratio	Lower	Upper
166	100		
165	111.8	77.8	116.6
167	84.0	42.4	63.6#



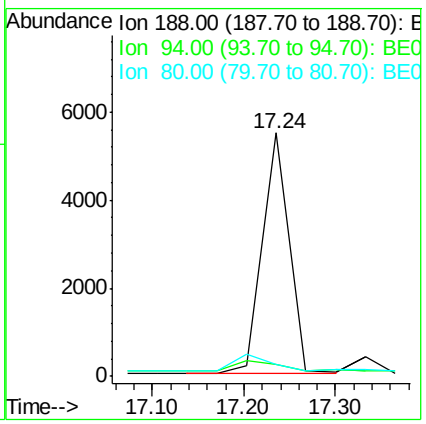


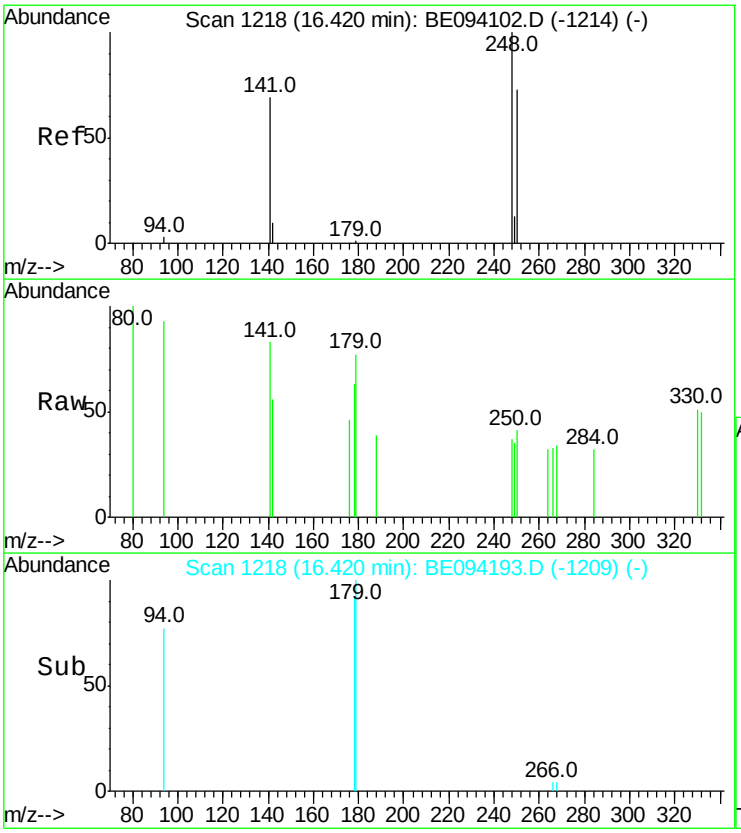
#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.24 min Scan# 1243
Delta R.T. 0.00 min
Lab File: BE094193.D
Acq: 6 Oct 2017 23:43

Instrument :
BNA_E
ClientSampleId :
PAMT-COMP-D

Tgt Ion:188 Resp: 11254

Ion	Ratio	Lower	Upper
188	100		
94	4.9	3.9	5.9
80	4.8	3.6	5.4

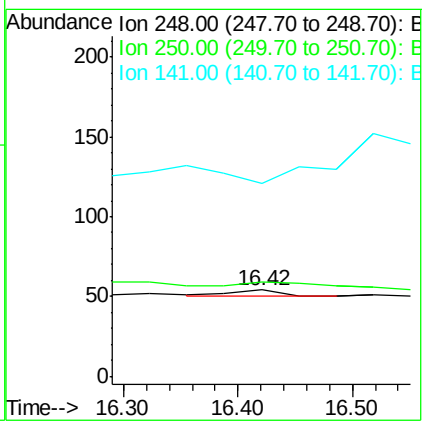


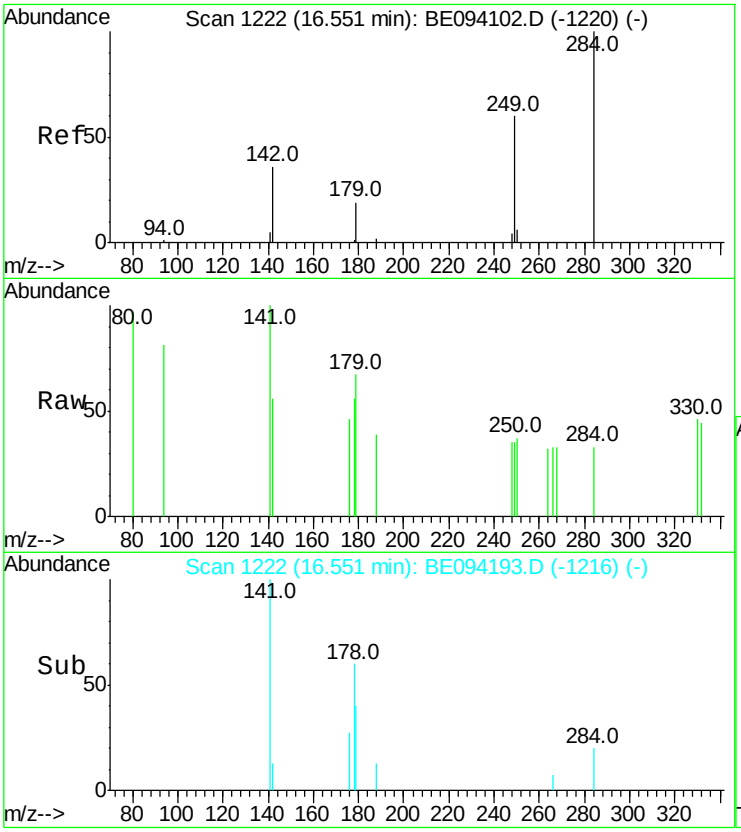


#20
4-Bromophenyl-phenylether
Concen: 0.002 ng
RT: 16.42 min Scan# 1218
Delta R.T. 0.00 min
Lab File: BE094193.D
Acq: 6 Oct 2017 23:43

Tgt Ion:248 Resp: 12

Ion	Ratio	Lower	Upper
248	100		
250	109.3	62.7	94.1#
141	224.1	48.2	72.2#



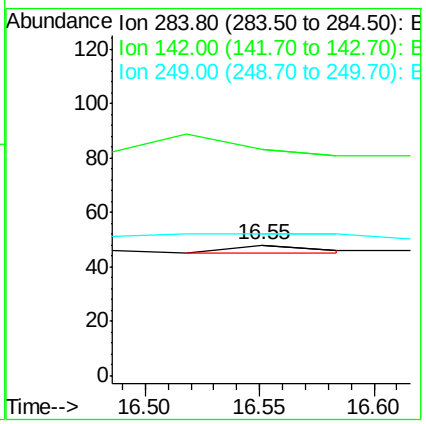


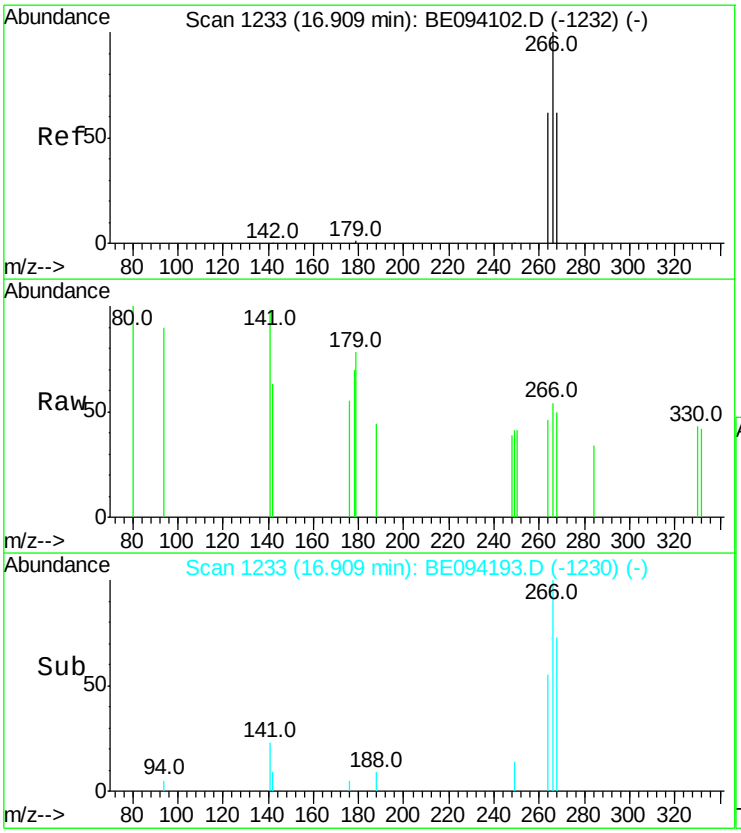
#21
Hexachlorobenzene
Concen: 0.001 ng
RT: 16.55 min Scan# 1222
Delta R.T. 0.00 min
Lab File: BE094193.D
Acq: 6 Oct 2017 23:43

Instrument :
BNA_E
ClientSampleId :
PAMT-COMP-D

Tgt Ion:284 Resp: 8

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

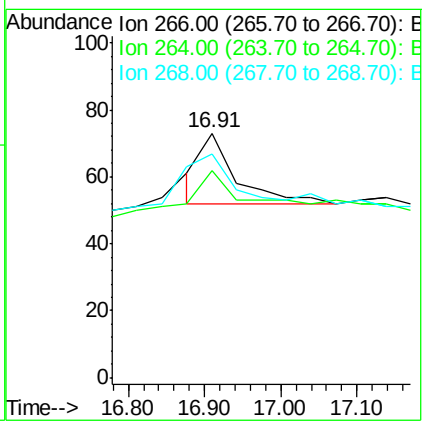


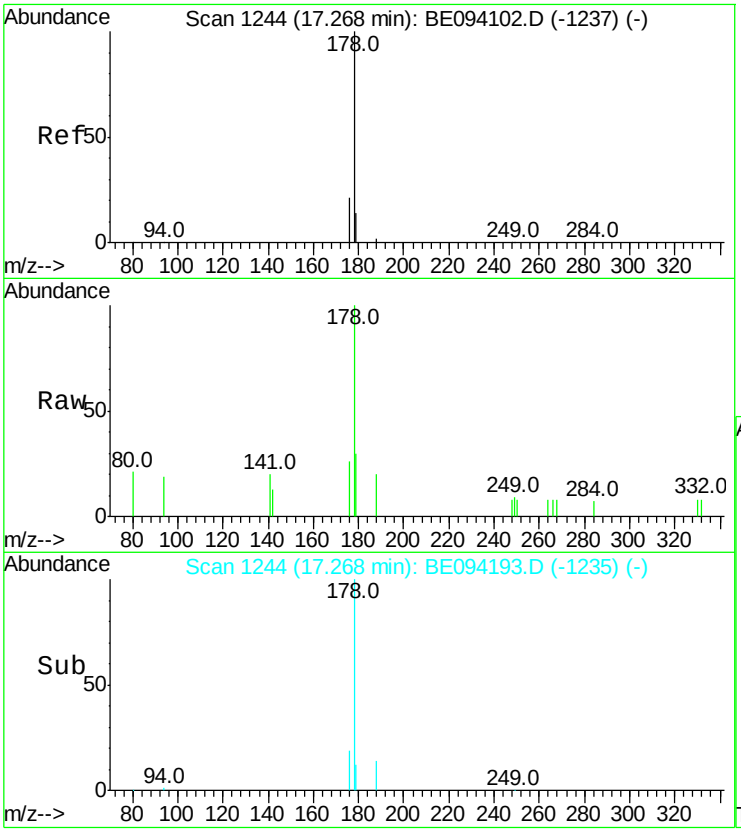


#22
Pentachlorophenol
Concen: 0.043 ng
RT: 16.91 min Scan# 1233
Delta R.T. 0.00 min
Lab File: BE094193.D
Acq: 6 Oct 2017 23:43

Tgt Ion:266 Resp: 68

Ion	Ratio	Lower	Upper
266	100		
264	84.9	72.5	108.7
268	91.8	73.8	110.6



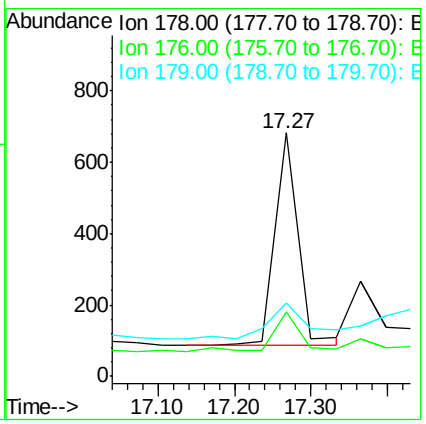


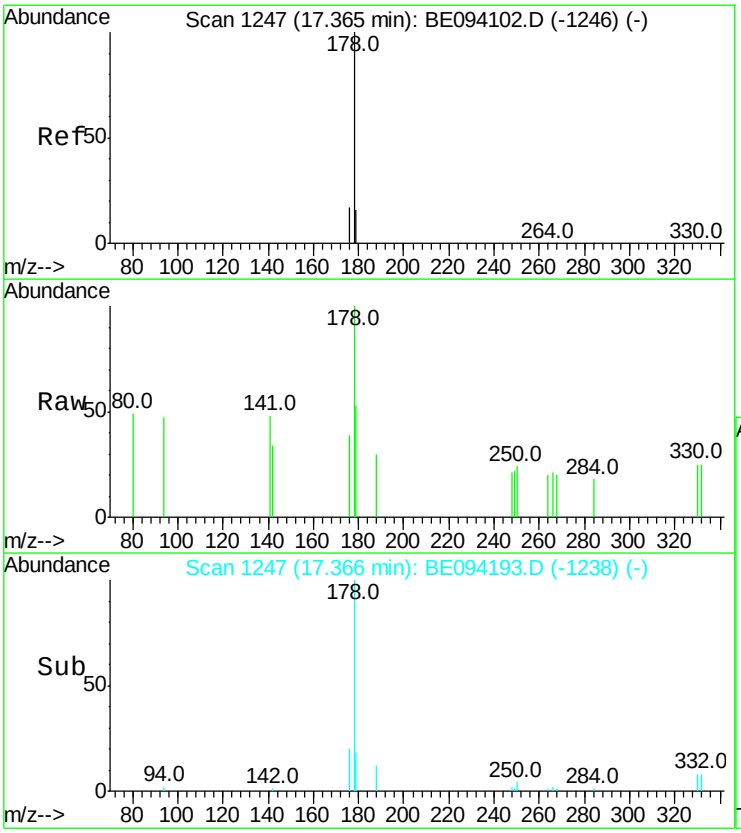
#23
Phenanthrene
Concen: 0.033 ng
RT: 17.27 min Scan# 1244
Delta R.T. 0.00 min
Lab File: BE094193.D
Acq: 6 Oct 2017 23:43

Instrument :
BNA_E
ClientSampleId :
PAMT-COMP-D

Tgt Ion:178 Resp: 1295

Ion	Ratio	Lower	Upper
178	100		
176	21.0	15.1	22.7
179	29.4	11.8	17.6#

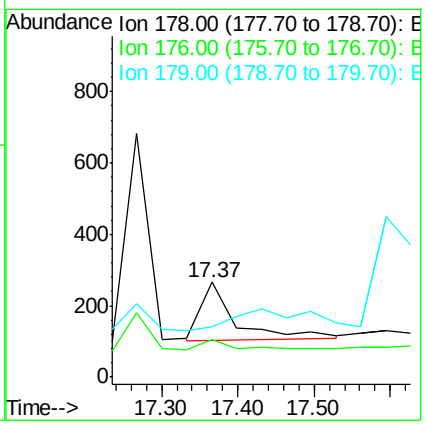


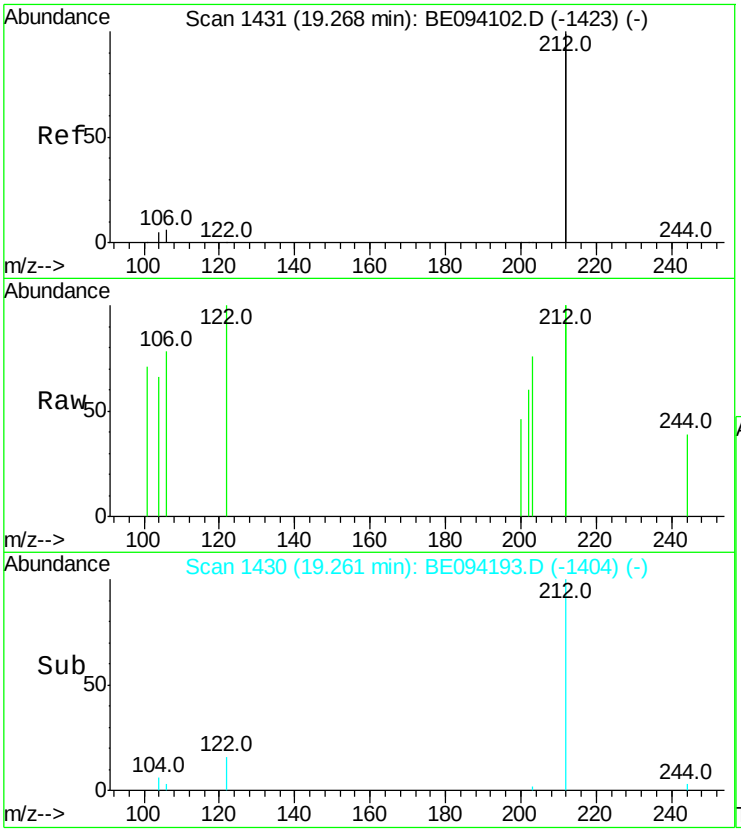


#24
Anthracene
Concen: 0.018 ng
RT: 17.37 min Scan# 1247
Delta R.T. 0.00 min
Lab File: BE094193.D
Acq: 6 Oct 2017 23:43

Tgt Ion:178 Resp: 528

Ion	Ratio	Lower	Upper
178	100		
176	17.0	12.8	19.2
179	0.0	13.0	19.6#



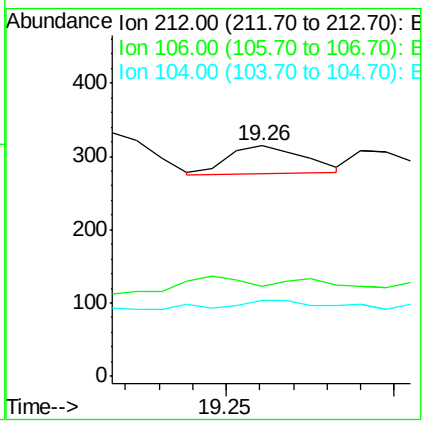


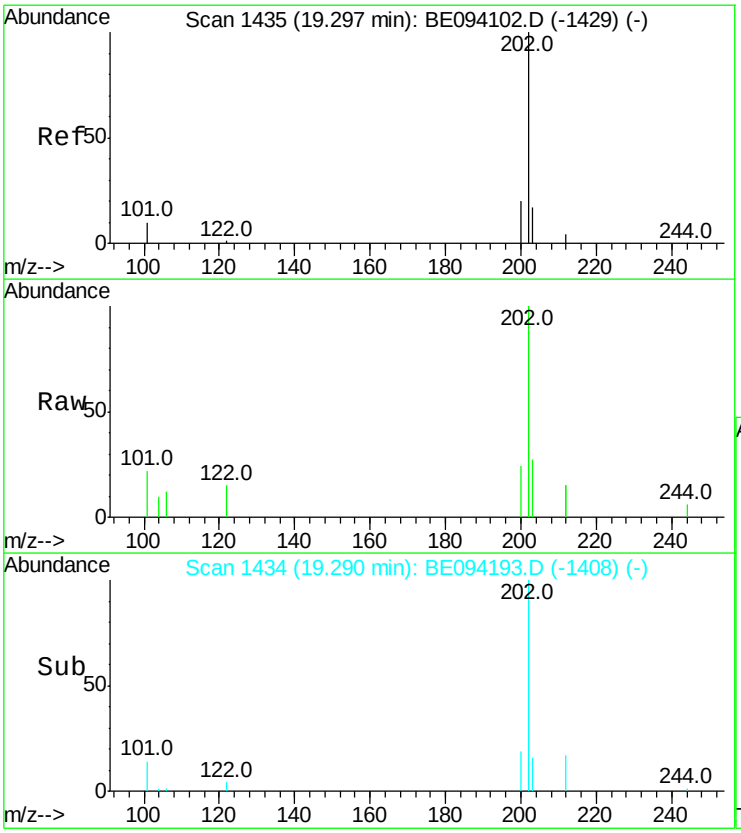
#25
Fluoranthene-d10
Concen: 0.001 ng
RT: 19.26 min Scan# 1430
Delta R.T. -0.01 min
Lab File: BE094193.D
Acq: 6 Oct 2017 23:43

Instrument :
BNA_E
ClientSampleId :
PAMT-COMP-D

Tgt Ion:212 Resp: 62

Ion	Ratio	Lower	Upper
212	100		
106	54.8	2.8	4.2#
104	45.2	1.6	2.4#

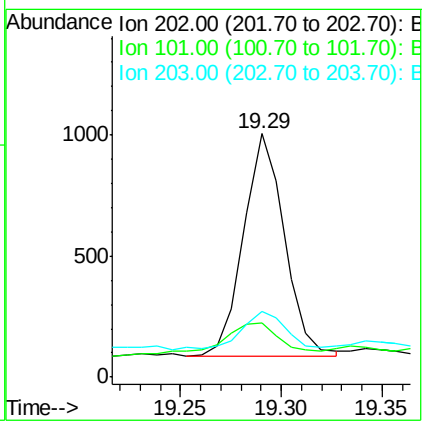


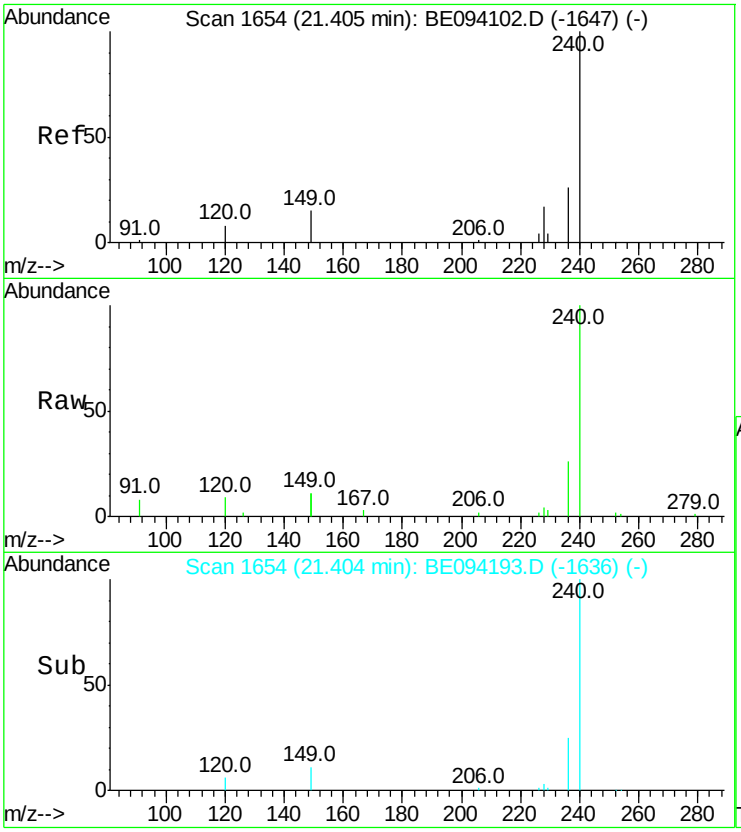


#26
Fluoranthene
Concen: 0.038 ng
RT: 19.29 min Scan# 1434
Delta R.T. -0.01 min
Lab File: BE094193.D
Acq: 6 Oct 2017 23:43

Tgt Ion:202 Resp: 1295

Ion	Ratio	Lower	Upper
202	100		
101	23.5	9.8	14.8#
203	18.8	13.7	20.5



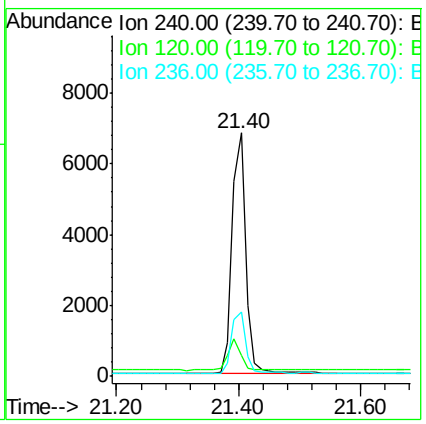


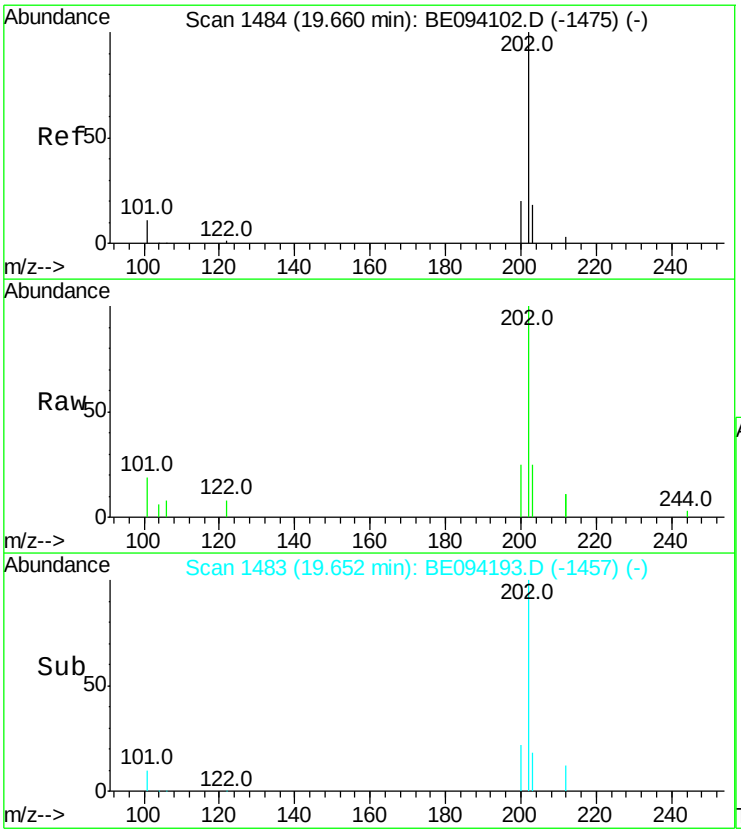
#27
Chrysene-d12
Concen: 0.400 ng
RT: 21.40 min Scan# 1654
Delta R.T. -0.00 min
Lab File: BE094193.D
Acq: 6 Oct 2017 23:43

Instrument :
BNA_E
ClientSampleId :
PAMT-COMP-D

Tgt Ion:240 Resp: 10545

Ion	Ratio	Lower	Upper
240	100		
120	8.6	5.5	8.3#
236	26.4	20.7	31.1

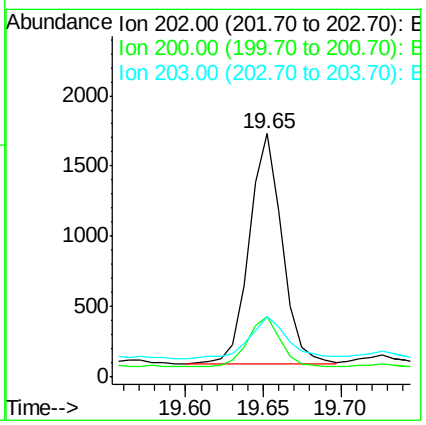


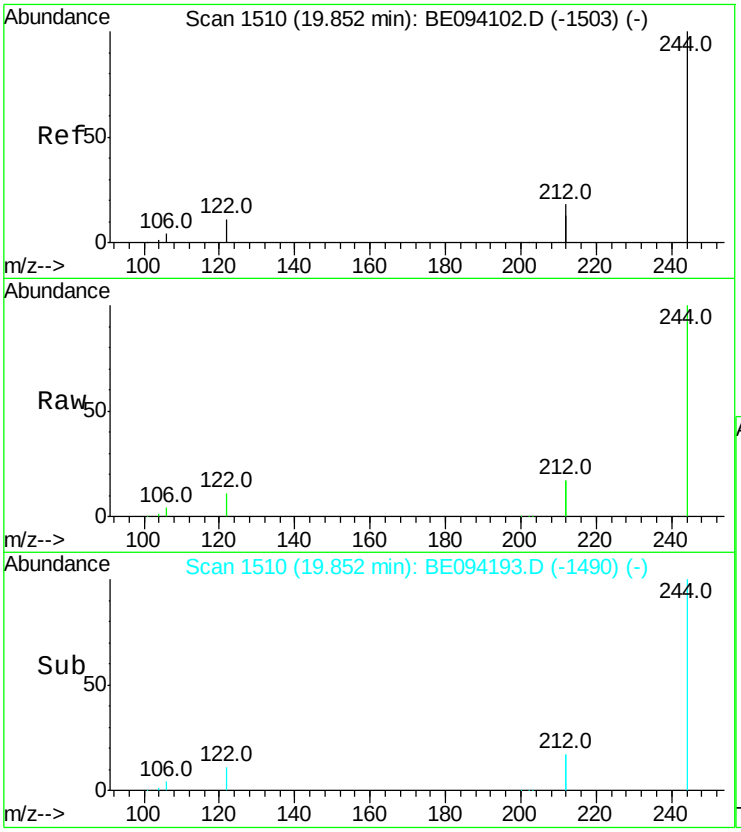


#28
Pyrene
Concen: 0.065 ng
RT: 19.65 min Scan# 1483
Delta R.T. -0.01 min
Lab File: BE094193.D
Acq: 6 Oct 2017 23:43

Tgt Ion:202 Resp: 2368

Ion	Ratio	Lower	Upper
202	100		
200	22.2	16.6	25.0
203	21.9	13.8	20.8#



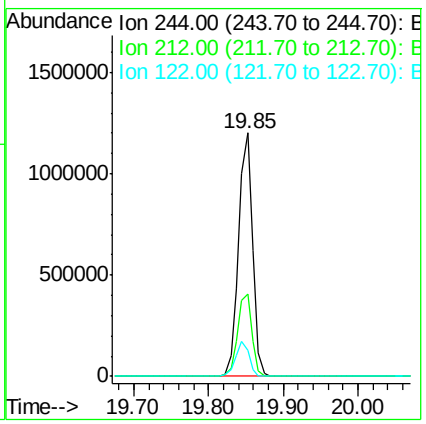


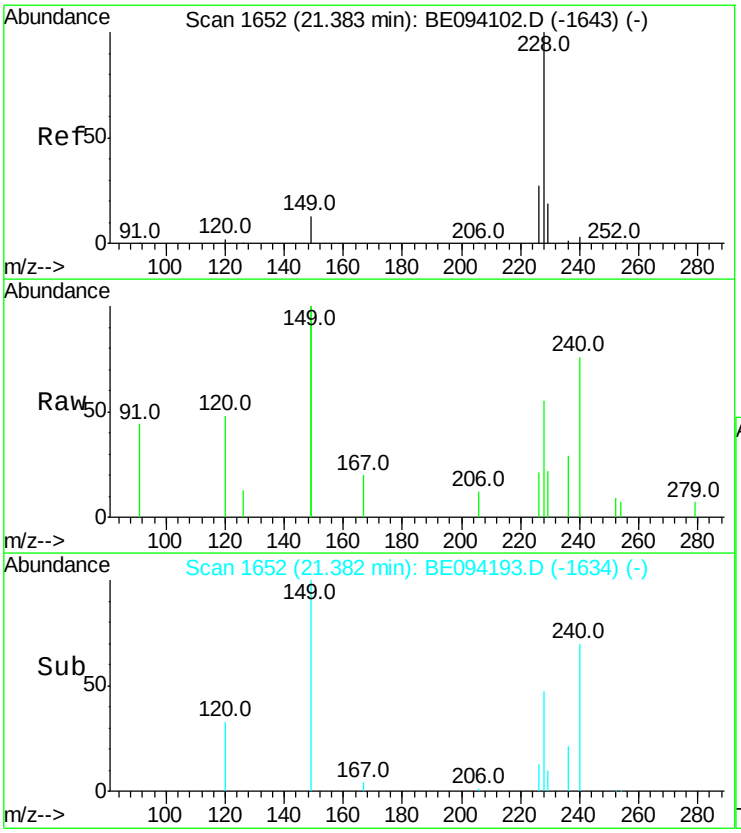
#29
Terphenyl-d14
Concen: 78.226 ng
RT: 19.85 min Scan# 1510
Delta R.T. 0.00 min
Lab File: BE094193.D
Acq: 6 Oct 2017 23:43

Instrument :
BNA_E
ClientSampleId :
PAMT-COMP-D

Tgt Ion:244 Resp: 1557730

Ion	Ratio	Lower	Upper
244	100		
212	33.6	25.4	38.0
122	10.6	8.1	12.1

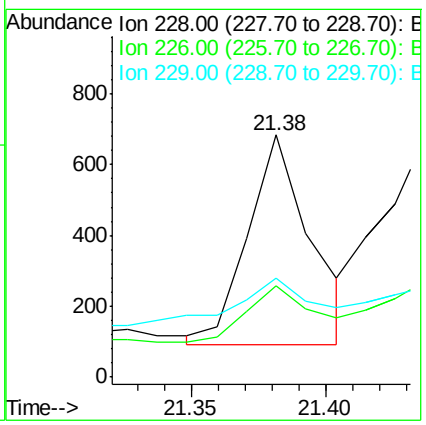


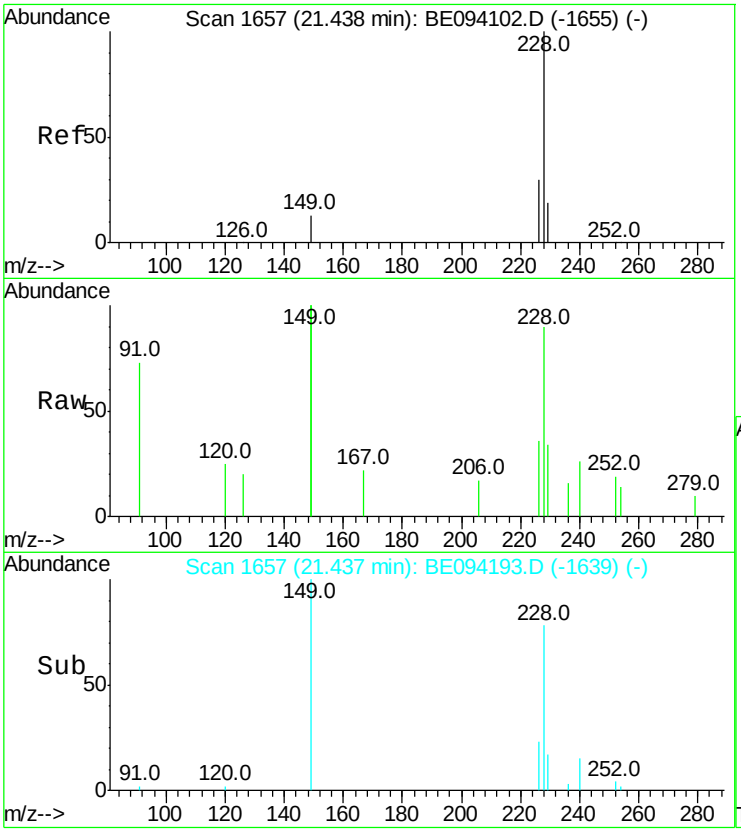


#30
Benzo(a)anthracene
Concen: 0.028 ng
RT: 21.38 min Scan# 1652
Delta R.T. -0.00 min
Lab File: BE094193.D
Acq: 6 Oct 2017 23:43

Tgt Ion:228 Resp: 959

Ion	Ratio	Lower	Upper
228	100		
226	37.9	21.4	32.0#
229	40.8	16.4	24.6#



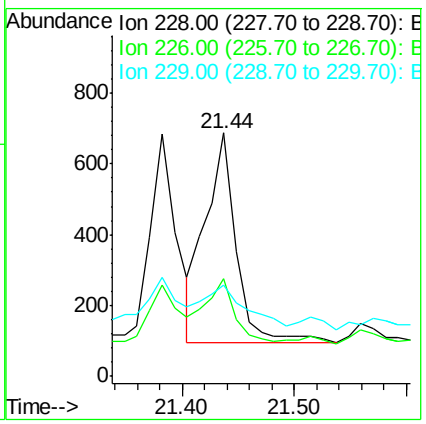


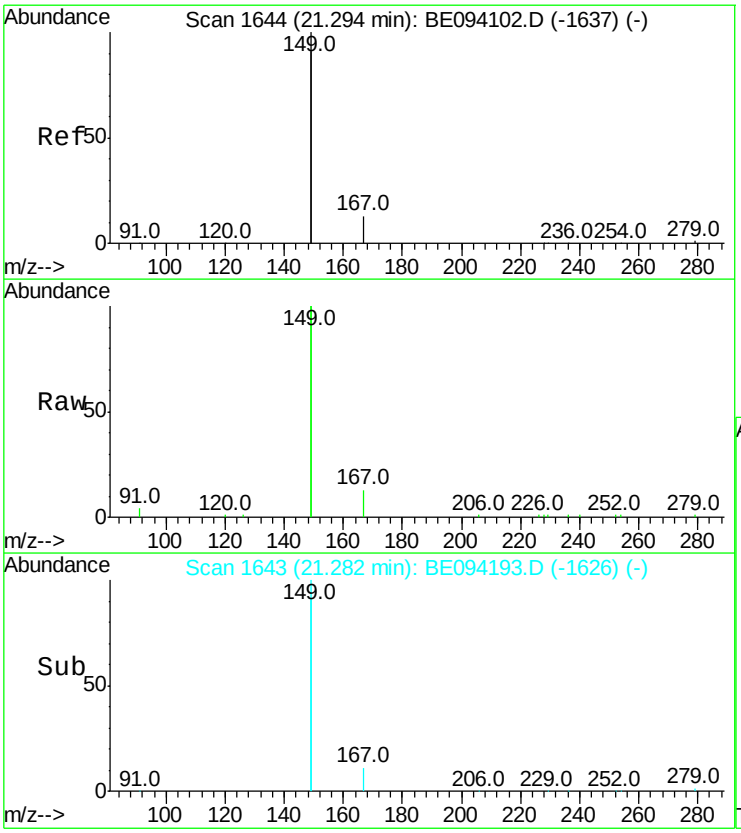
#31
Chrysene
Concen: 0.033 ng
RT: 21.44 min Scan# 1657
Delta R.T. -0.00 min
Lab File: BE094193.D
Acq: 6 Oct 2017 23:43

Instrument :
BNA_E
ClientSampleId :
PAMT-COMP-D

Tgt Ion:228 Resp: 1138

Ion	Ratio	Lower	Upper
228	100		
226	39.8	23.6	35.4#
229	37.5	16.4	24.6#

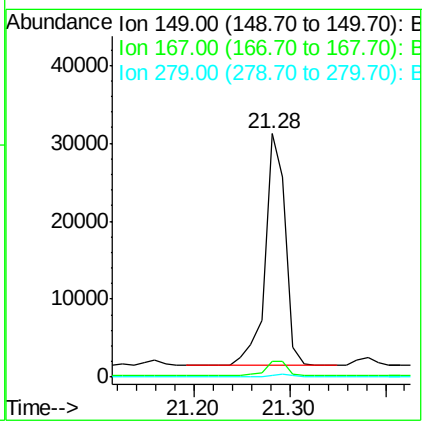


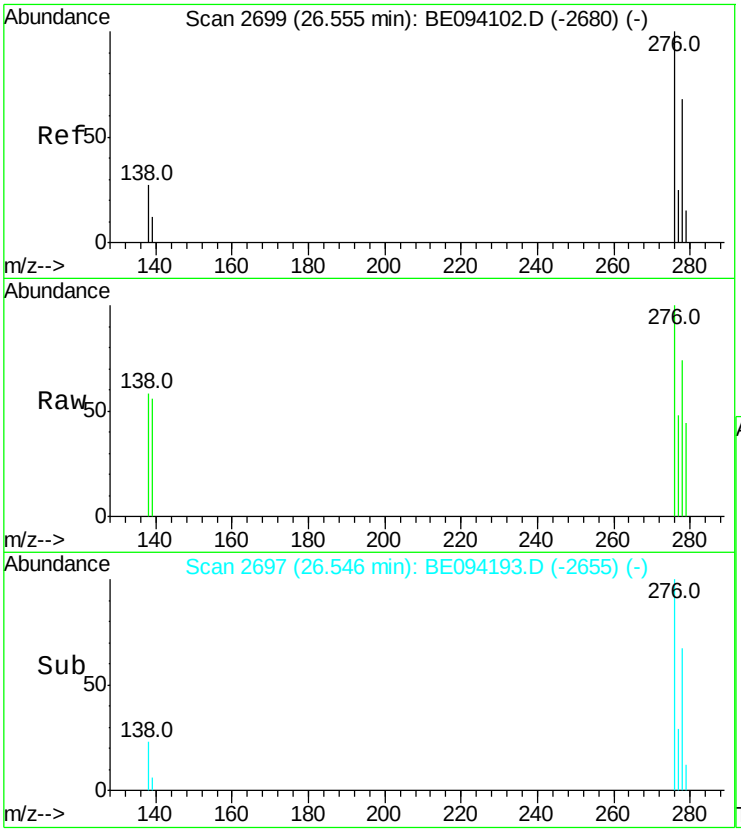


#32
Bis(2-ethylhexyl)phthalate
Concen: 0.554 ng
RT: 21.28 min Scan# 1643
Delta R.T. -0.01 min
Lab File: BE094193.D
Acq: 6 Oct 2017 23:43

Tgt Ion:149 Resp: 44219

Ion	Ratio	Lower	Upper
149	100		
167	6.8	5.4	8.0
279	0.9	0.7	1.1



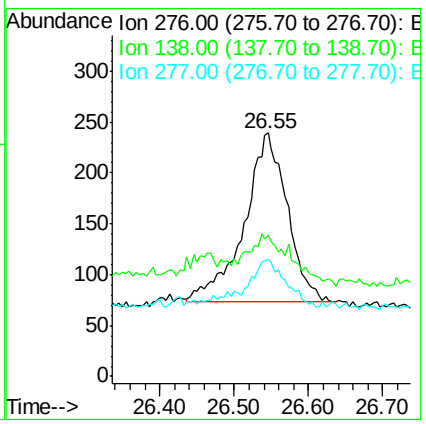


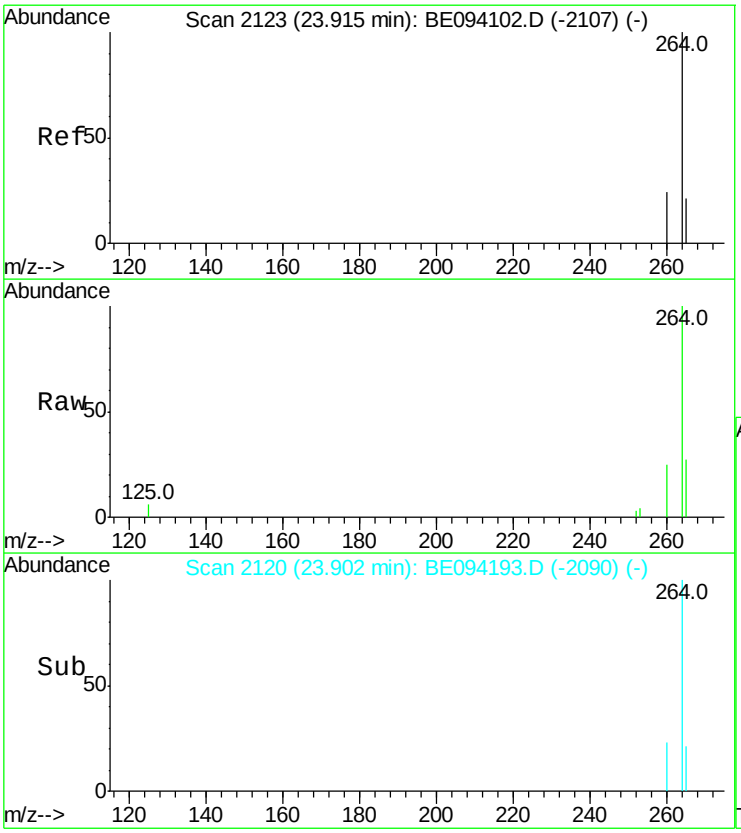
#33
Indeno(1,2,3-cd)pyrene
Concen: 0.020 ng
RT: 26.55 min Scan# 2697
Delta R.T. -0.01 min
Lab File: BE094193.D
Acq: 6 Oct 2017 23:43

Instrument :
BNA_E
ClientSampleId :
PAMT-COMP-D

Tgt Ion:276 Resp: 673

Ion	Ratio	Lower	Upper
276	100		
138	30.3	22.5	33.7
277	23.6	19.9	29.9

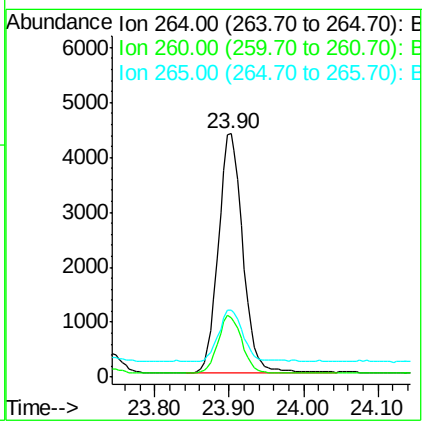


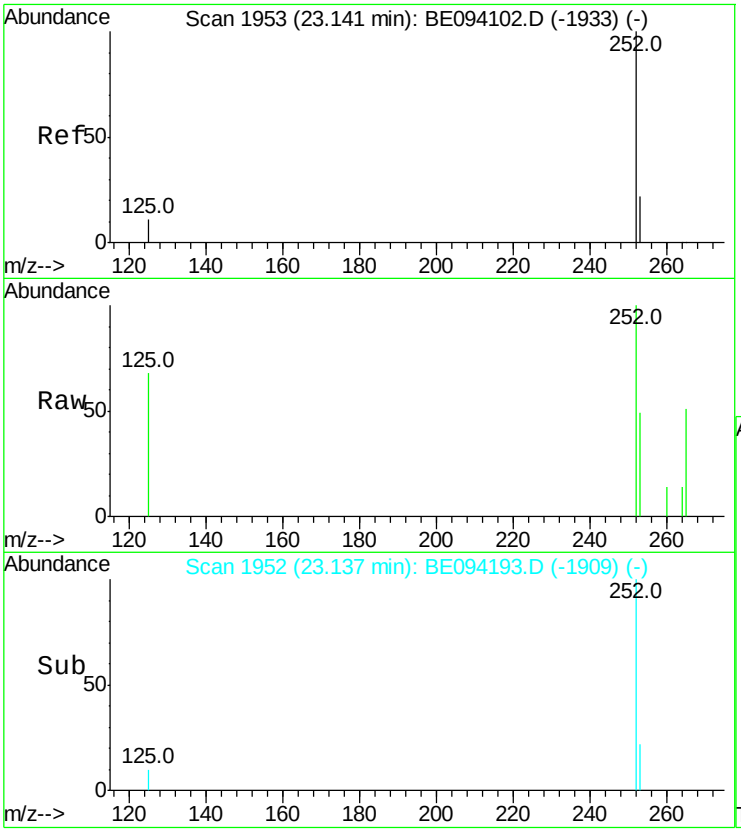


#34
Perylene-d12
Concen: 0.400 ng
RT: 23.90 min Scan# 2120
Delta R.T. -0.01 min
Lab File: BE094193.D
Acq: 6 Oct 2017 23:43

Tgt Ion:264 Resp: 9943

Ion	Ratio	Lower	Upper
264	100		
260	24.6	20.5	30.7
265	27.3	22.8	34.2



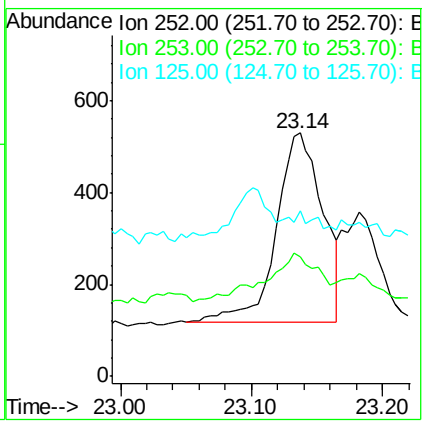


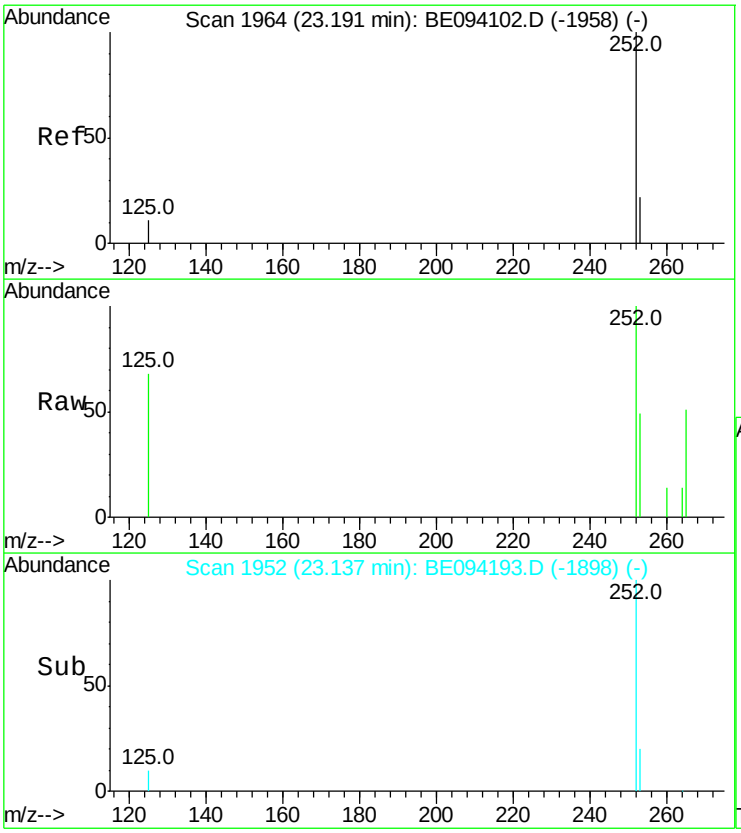
#35
Benzo(b)fluoranthene
Concen: 0.031 ng
RT: 23.14 min Scan# 1952
Delta R.T. -0.00 min
Lab File: BE094193.D
Acq: 6 Oct 2017 23:43

Instrument :
BNA_E
ClientSampleId :
PAMT-COMP-D

Tgt Ion:252 Resp: 1027

Ion	Ratio	Lower	Upper
252	100		
253	48.9	18.2	27.2#
125	67.7	10.1	15.1#

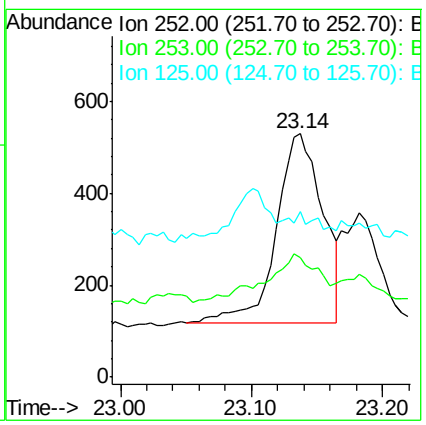


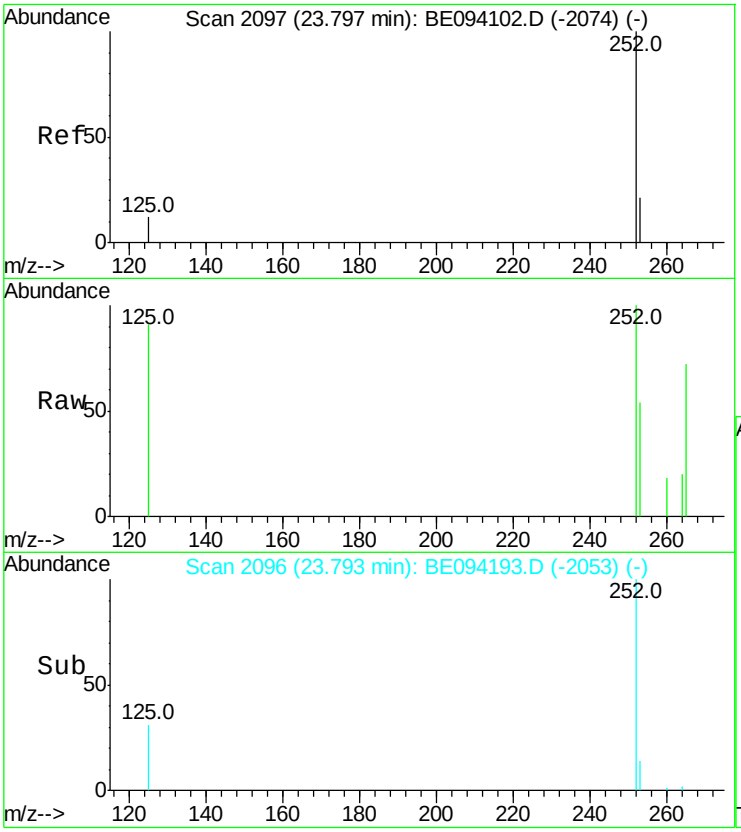


#36
Benzo(k)fluoranthene
Concen: 0.030 ng
RT: 23.14 min Scan# 1952
Delta R.T. -0.05 min
Lab File: BE094193.D
Acq: 6 Oct 2017 23:43

Tgt Ion:252 Resp: 1027

Ion	Ratio	Lower	Upper
252	100		
253	48.9	18.6	27.8#
125	67.7	10.7	16.1#



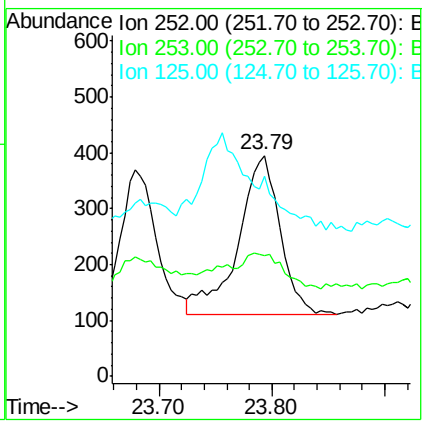


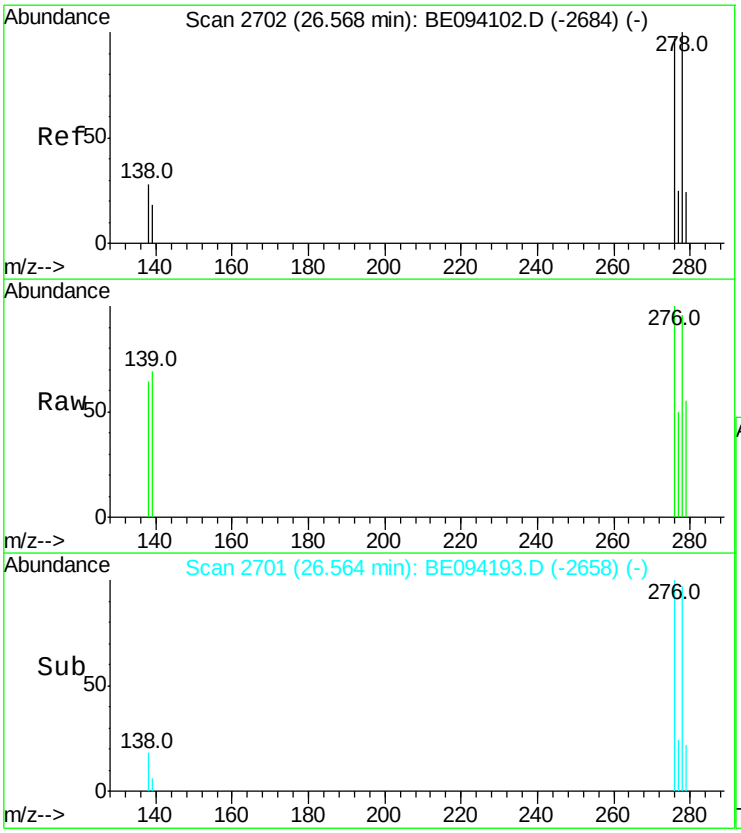
#37
Benzo(a)pyrene
Concen: 0.023 ng
RT: 23.79 min Scan# 2096
Delta R.T. -0.00 min
Lab File: BE094193.D
Acq: 6 Oct 2017 23:43

Instrument :
BNA_E
ClientSampleId :
PAMT-COMP-D

Tgt Ion:252 Resp: 722

Ion	Ratio	Lower	Upper
252	100		
253	54.4	19.0	28.6#
125	90.6	11.8	17.8#

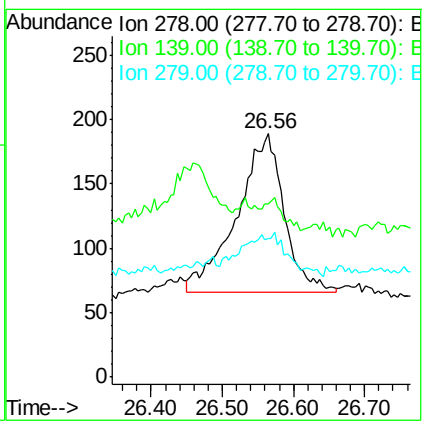


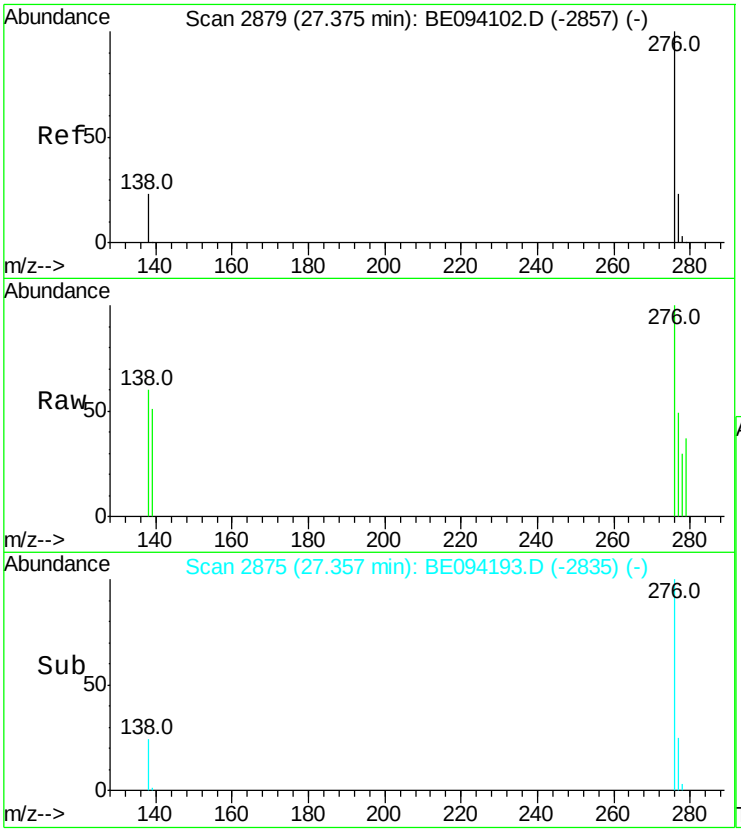


#38
Dibenzo(a,h)anthracene
Concen: 0.019 ng
RT: 26.56 min Scan# 2701
Delta R.T. -0.00 min
Lab File: BE094193.D
Acq: 6 Oct 2017 23:43

Tgt Ion:278 Resp: 567

Ion	Ratio	Lower	Upper
278	100		
139	71.4	16.3	24.5#
279	57.1	19.9	29.9#





#39
Benzo(g,h,i)perylene
Concen: 0.021 ng
RT: 27.36 min Scan# 2875
Delta R.T. -0.02 min
Lab File: BE094193.D
Acq: 6 Oct 2017 23:43

Instrument :
BNA_E
ClientSampleId :
PAMT-COMP-D

Tgt Ion:276 Resp: 638

Ion	Ratio	Lower	Upper
276	100		
277	48.8	20.8	31.2#
138	59.7	21.5	32.3#