Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA E\DATA\BE092317\
Data File : BE094085.D
Acq On : 23 Sep 2017 19:29
Operator : SJ/JU
Sample : I5340-02
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument : BNA_E
ClientSampleId :

Quant Time: Sep 25 08:46:42 2017
Quant Method : Z:\HPCHEM1\BNA E\METHODS\8270-SIM-BE092317.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Sep 25 07:59:29 2017
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.90	152	1130	0.40	ng	0.00
7) Naphthalene-d8	10.69	136	7334	0.40	ng	0.00
13) Acenaphthene-d10	14.51	164	5806	0.40	ng	0.00
19) Phenanthrene-d10	17.24	188	16632	0.40	ng	0.00
27) Chrysene-d12	21.40	240	18510	0.40	ng	0.00
34) Perylene-d12	23.90	264	14213	0.40	ng	0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.50	112	1608	0.19	ng	0.00
5) Phenol-d6	7.09	99	2693	0.40	ng	0.00
8) Nitrobenzene-d5	9.04	82	2375	0.36	ng	-0.02
11) 2-Methylnaphthalene-d10	12.27	152	4464	0.36	ng	0.00
14) 2,4,6-Tribromophenol	16.00	330	2308	0.52	ng	0.00
15) 2-Fluorobiphenyl	13.13	172	6346	0.33	ng	0.00
25) Fluoranthene-d10	19.26	212	68056	0.32	ng	0.00
29) Terphenyl-d14	19.84	244	10141	0.35	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.40	88	116	Below Cal	#	16
3) n-Nitrosodimethylamine	3.76	42	67	Below Cal	#	1
6) bis(2-Chloroethyl)ether	7.34	93	315	0.063	ng	# 1
9) Naphthalene	10.74	128	5719	Below Cal	#	95
12) 2-Methylnaphthalene	12.34	142	707	0.048	ng	# 89
16) Acenaphthylene	14.23	152	8710	0.298	ng	100
17) Acenaphthene	14.57	154	1144	0.059	ng	# 90
18) Fluorene	15.55	166	2745	0.095	ng	89
22) Pentachlorophenol	16.91	266	309	0.137	ng	# 84
23) Phenanthrene	17.27	178	81467	1.368	ng	98
24) Anthracene	17.27	178	81369	1.771	ng	96
26) Fluoranthene	19.29	202	180296	2.821	ng	99
28) Pyrene	19.65	202	179388	3.503	ng	# 96
30) Benzo(a)anthracene	21.38	228	83016	1.339	ng	98
31) Chrysene	21.44	228	93985	1.547	ng	98
32) Bis(2-ethylhexyl)phthalate	21.29	149	44424	0.267	ng	100
33) Indeno(1,2,3-cd)pyrene	26.54	276	42688	0.909	ng	96
35) Benzo(b)fluoranthene	23.13	252	101231	1.968	ng	98
36) Benzo(k)fluoranthene	23.13	252	101231	1.961	ng	99
37) Benzo(a)pyrene	23.79	252	65170	1.411	ng	99
38) Dibenzo(a,h)anthracene	26.55	278	10607	0.287	ng	# 84
39) Benzo(g,h,i)perylene	27.36	276	43608	1.180	ng	99

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

Quantitation Report (Not Reviewed)

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Data File : BE094085.D
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QLast Update : Mon Sep 25 07:59:29 2017
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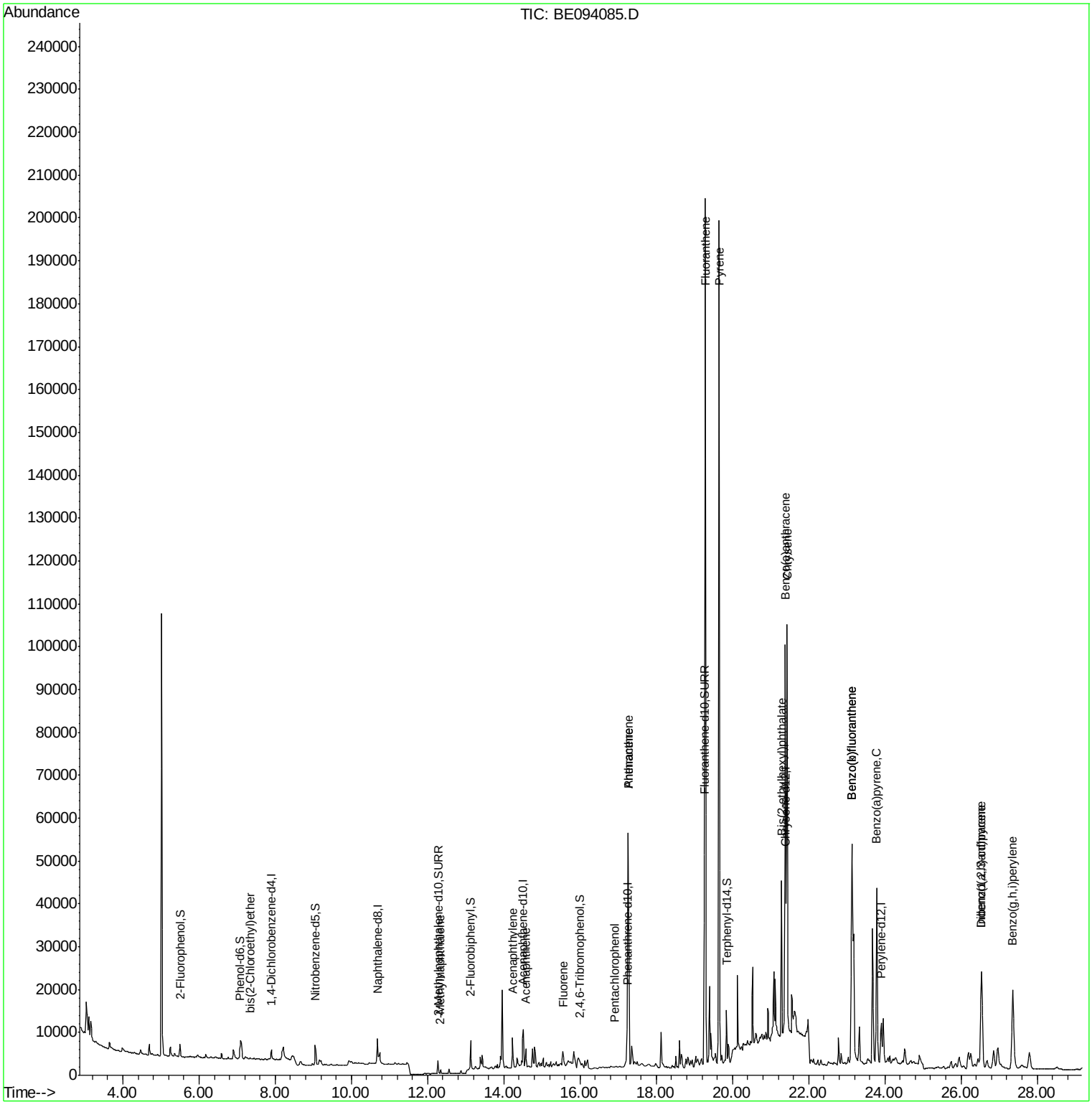
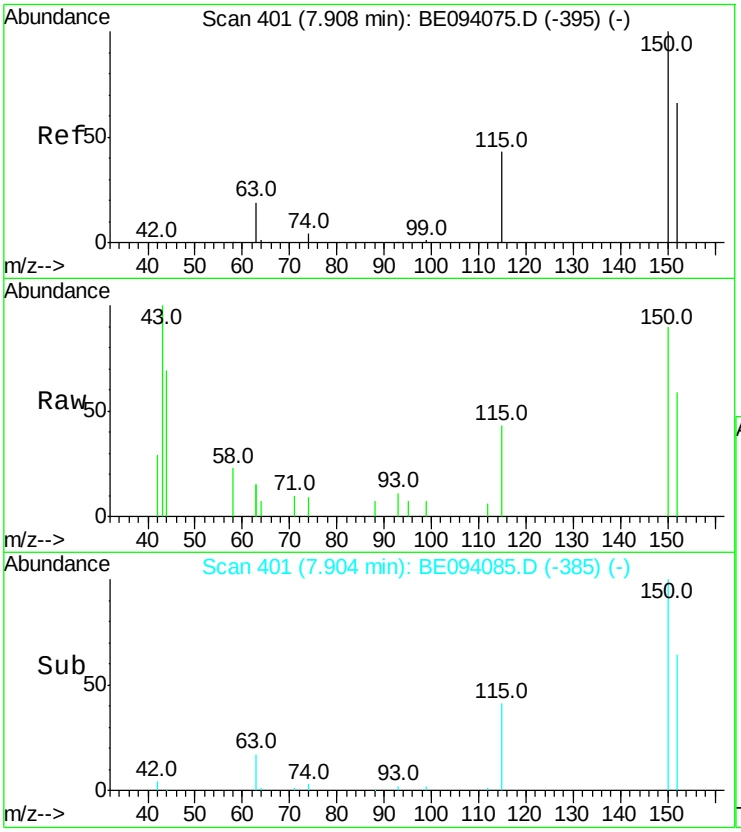


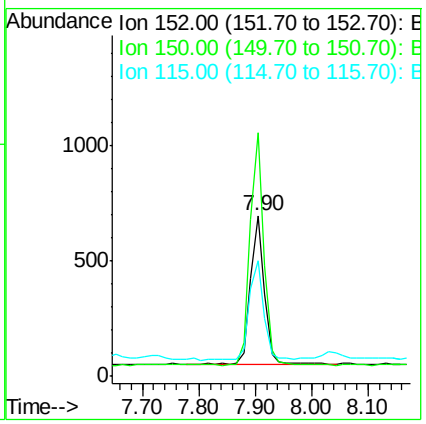


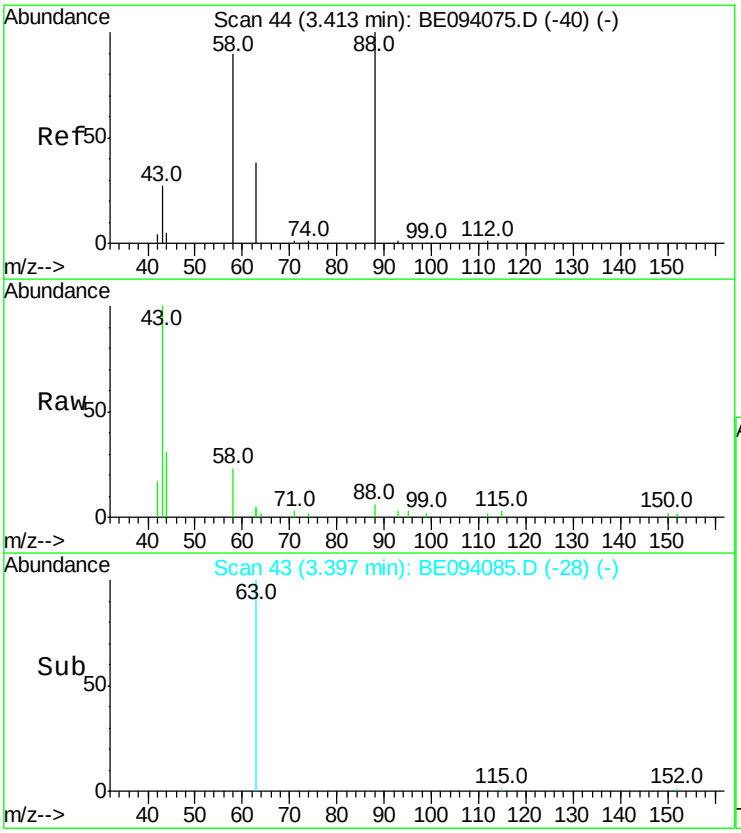
#1
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.90 min Scan# 401
Delta R.T. -0.00 min
Lab File: BE094085.D
Acq: 23 Sep 2017 19:29

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:152 Resp: 1130

Ion	Ratio	Lower	Upper
152	100		
150	151.4	117.2	175.8
115	71.6	57.0	85.6

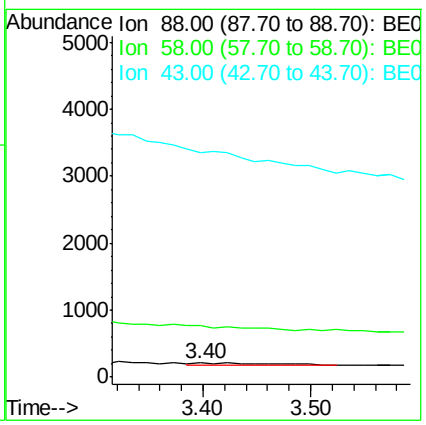


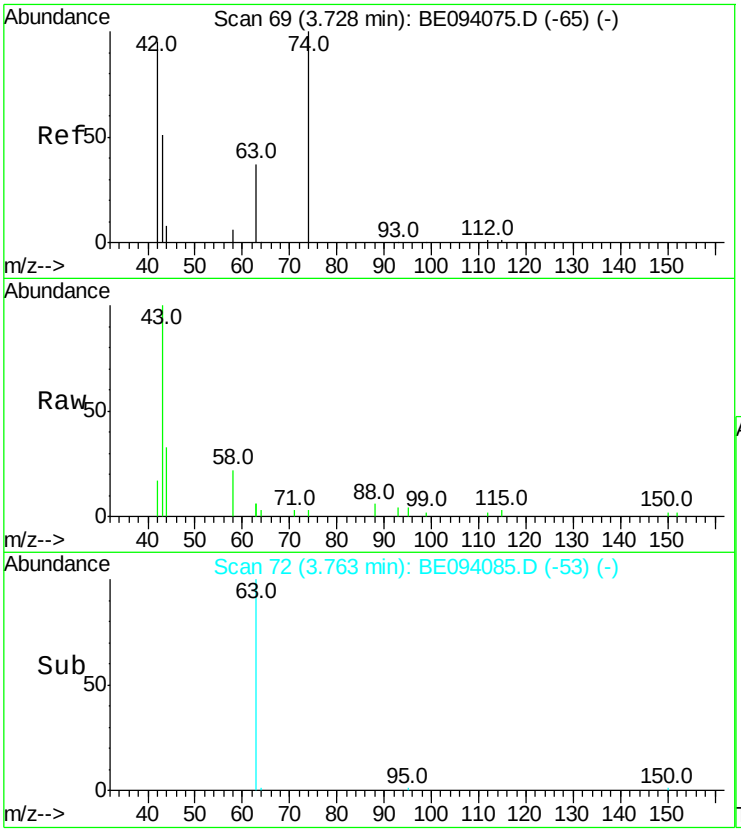


#2
1,4-Dioxane
Concen: Below Cal
RT: 3.40 min Scan# 43
Delta R.T. -0.02 min
Lab File: BE094085.D
Acq: 23 Sep 2017 19:29

Tgt Ion: 88 Resp: 116

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



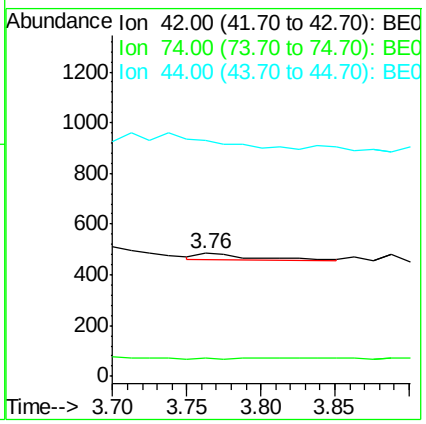


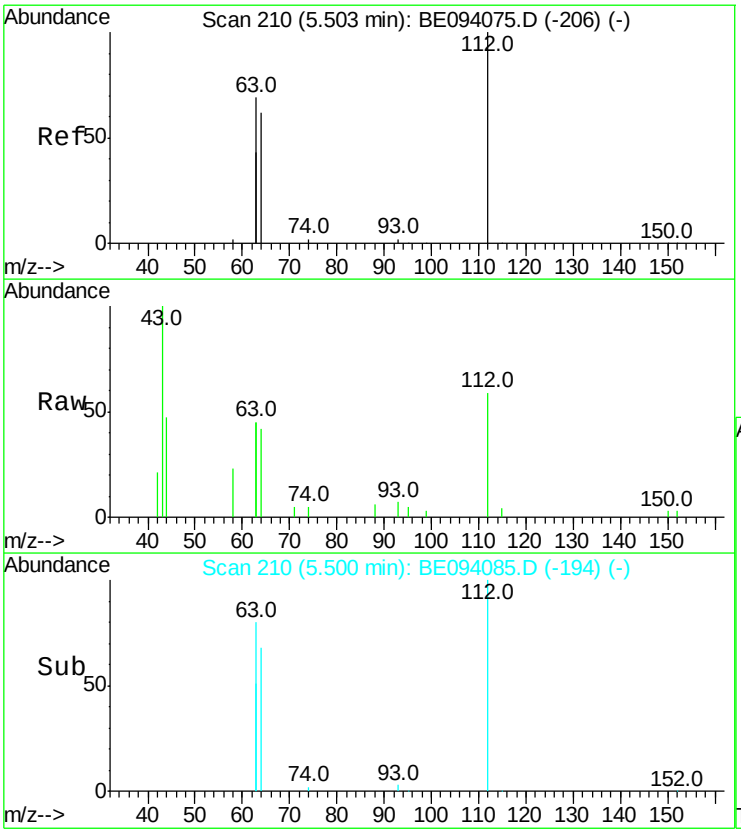
#3
n-Nitrosodimethylamine
Concen: Below Cal
RT: 3.76 min Scan# 72
Delta R.T. 0.03 min
Lab File: BE094085.D
Acq: 23 Sep 2017 19:29

Instrument :
BNA_E
ClientSampleId :

Tgt Ion: 42 Resp: 67

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

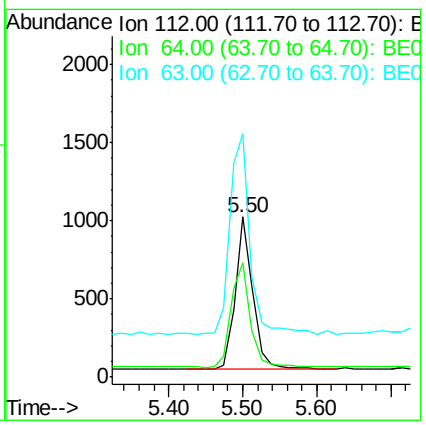


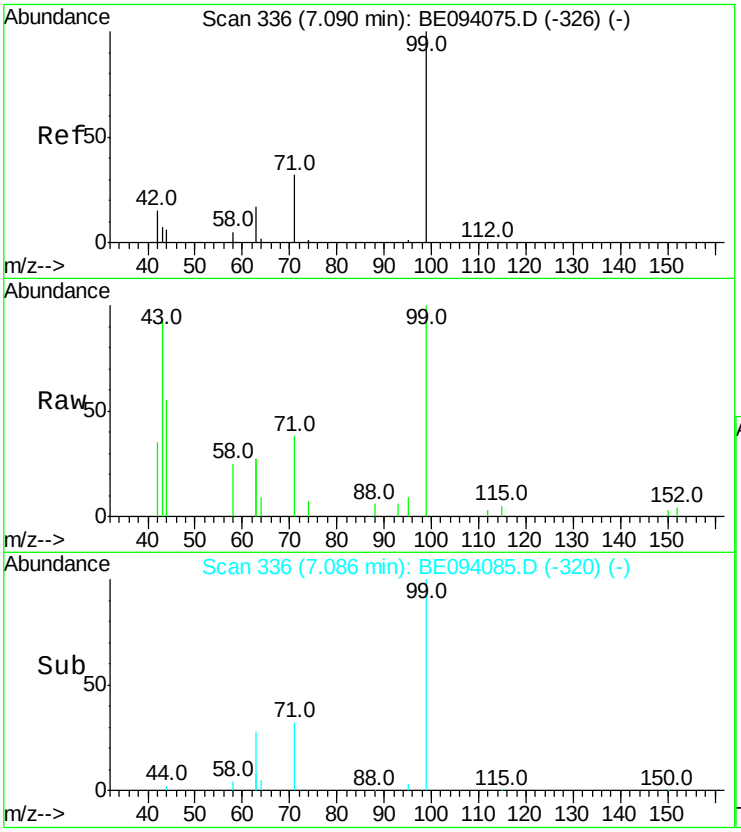


#4
2-Fluorophenol
Concen: 0.191 ng
RT: 5.50 min Scan# 210
Delta R.T. -0.00 min
Lab File: BE094085.D
Acq: 23 Sep 2017 19:29

Tgt Ion:112 Resp: 1608

Ion	Ratio	Lower	Upper
112	100		
64	76.1	60.1	90.1
63	150.5	116.8	175.2



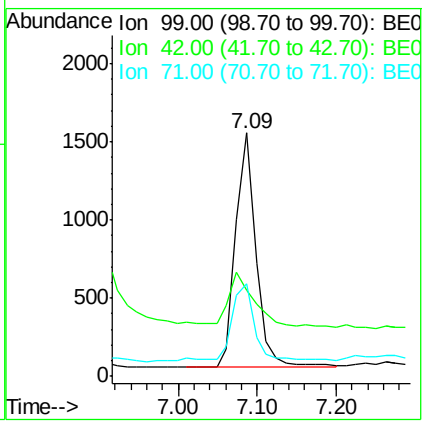


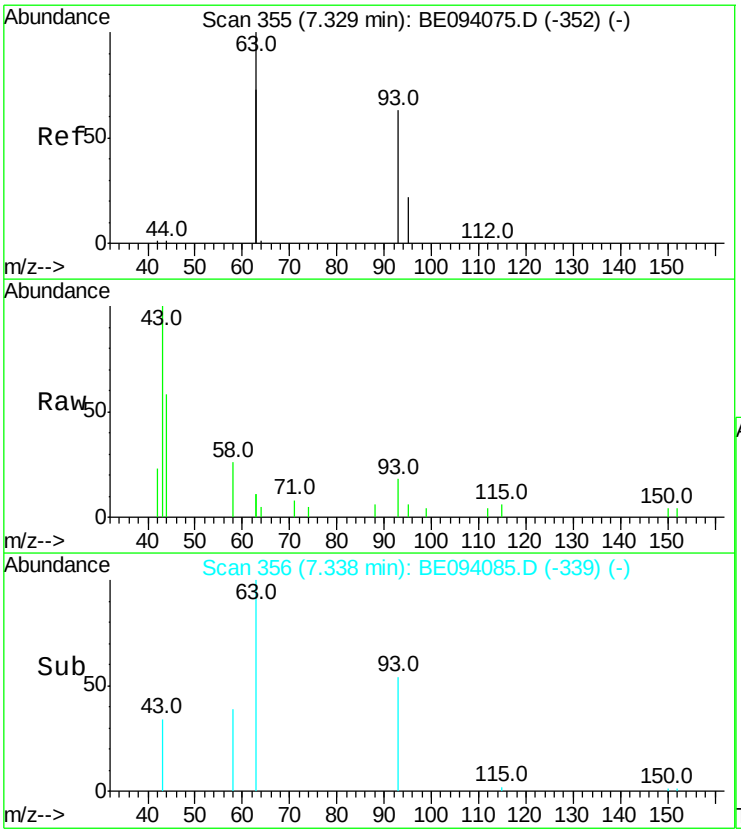
#5
Phenol-d6
Concen: 0.403 ng
RT: 7.09 min Scan# 336
Delta R.T. -0.00 min
Lab File: BE094085.D
Acq: 23 Sep 2017 19:29

Instrument :
BNA_E
ClientSampleId :

Tgt Ion: 99 Resp: 2693

Ion	Ratio	Lower	Upper
99	100		
42	30.6	20.2	30.2#
71	35.2	28.4	42.6

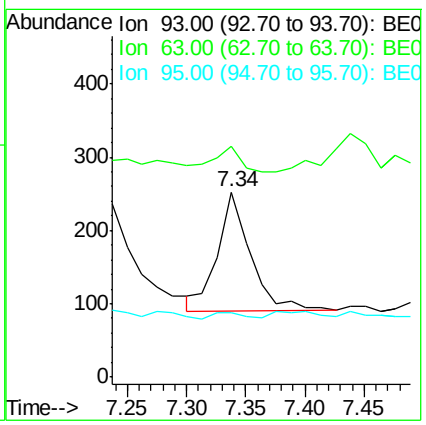


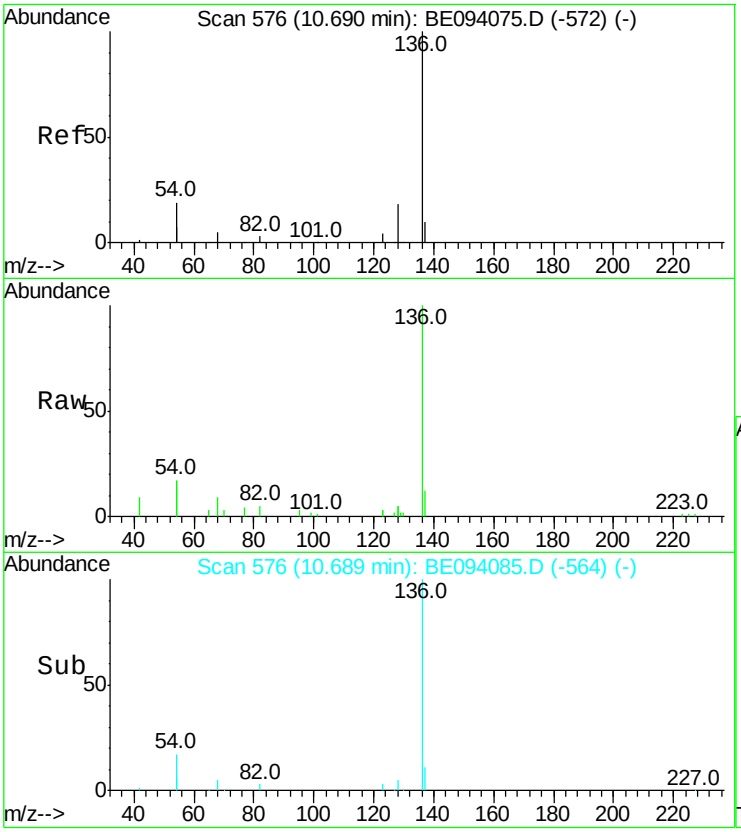


#6
bis(2-Chloroethyl)ether
Concen: 0.063 ng
RT: 7.34 min Scan# 356
Delta R.T. 0.01 min
Lab File: BE094085.D
Acq: 23 Sep 2017 19:29

Tgt Ion: 93 Resp: 315

Ion	Ratio	Lower	Upper
93	100		
63	16.8	275.3	412.9#
95	5.4	25.2	37.8#



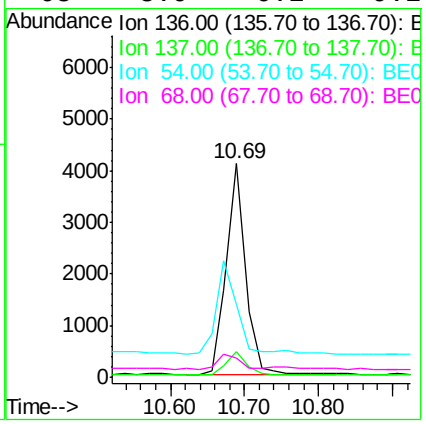


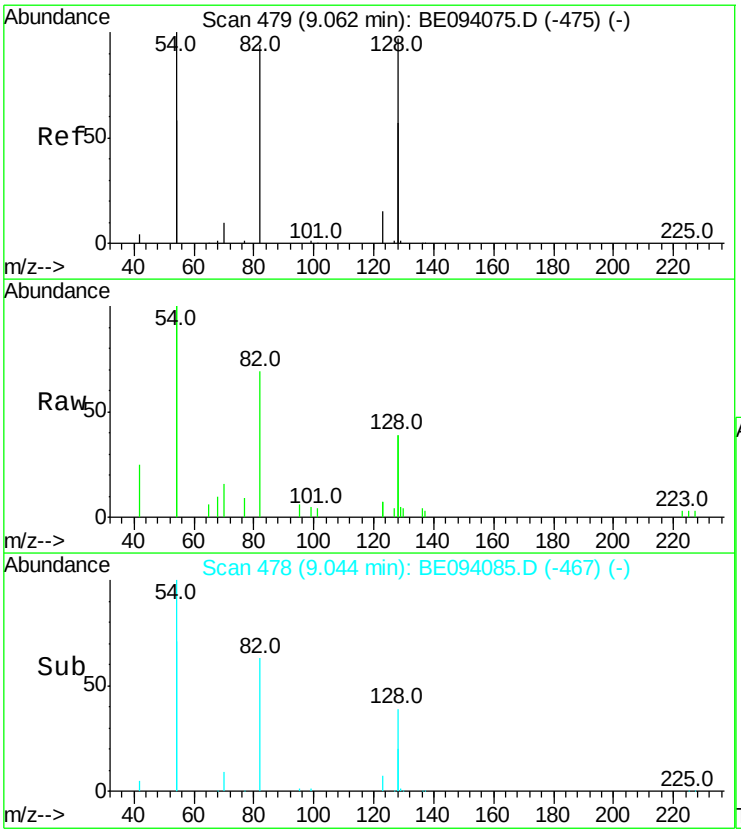
#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.69 min Scan# 576
Delta R.T. -0.00 min
Lab File: BE094085.D
Acq: 23 Sep 2017 19:29

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:136 Resp: 7334

Ion	Ratio	Lower	Upper
136	100		
137	12.1	9.5	14.3
54	34.2	29.1	43.7
68	8.9	6.2	9.2

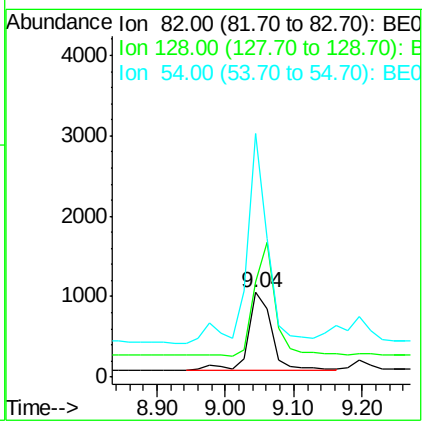


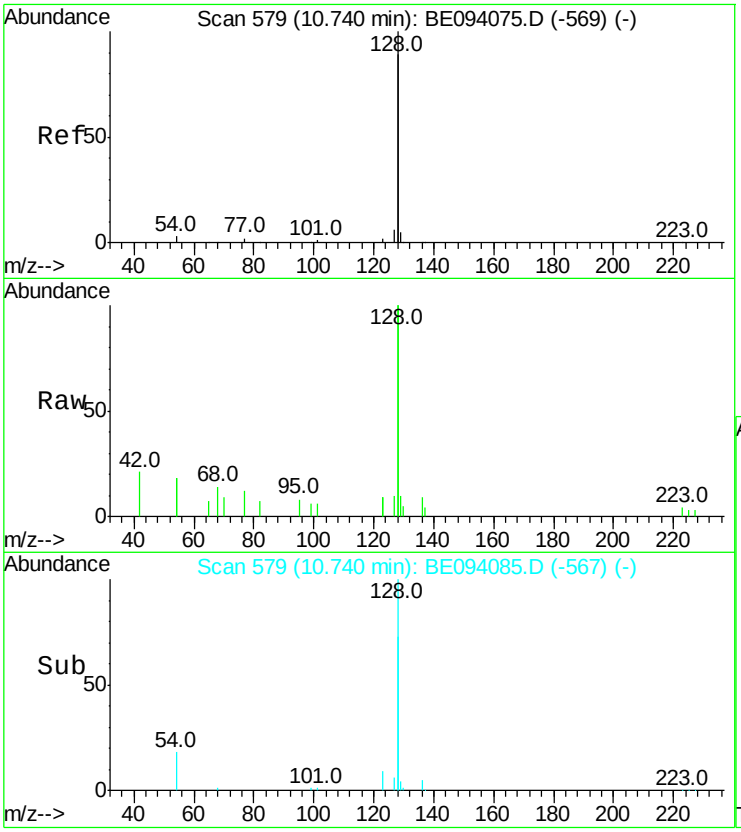


#8
Nitrobenzene-d5
Concen: 0.364 ng
RT: 9.04 min Scan# 478
Delta R.T. -0.02 min
Lab File: BE094085.D
Acq: 23 Sep 2017 19:29

Tgt Ion: 82 Resp: 2375

Ion	Ratio	Lower	Upper
82	100		
128	112.5	150.0	225.0#
54	287.8	154.2	231.4#



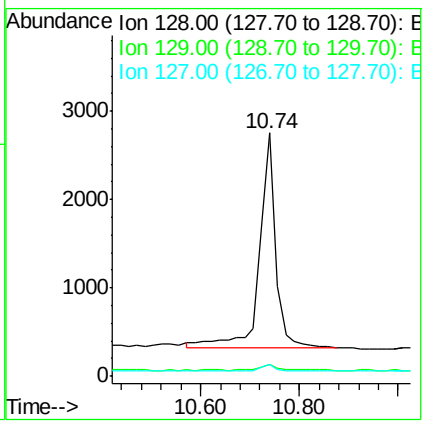


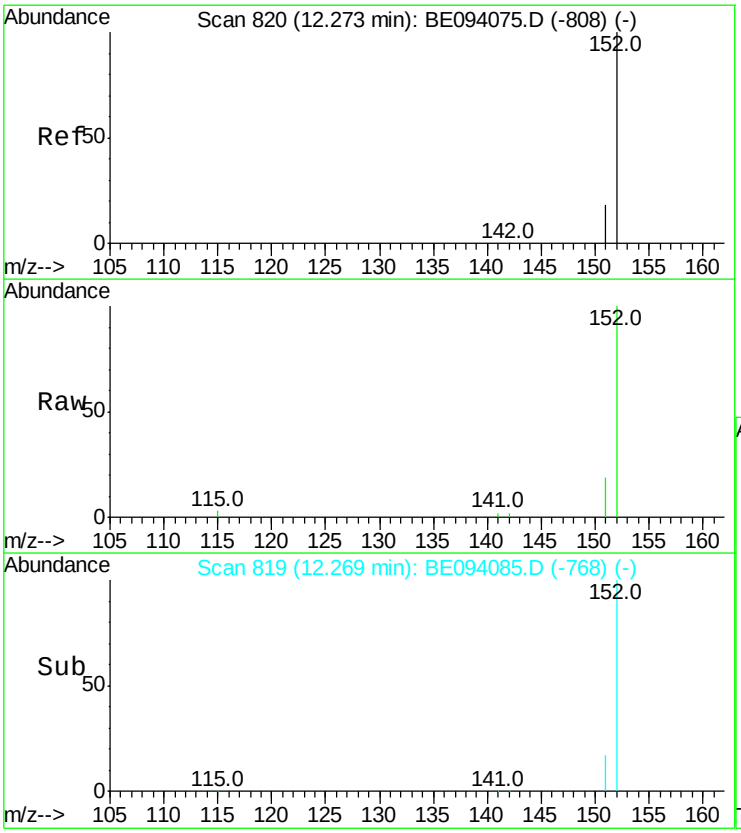
#9
Naphthalene
Concen: Below Cal
RT: 10.74 min Scan# 579
Delta R.T. -0.00 min
Lab File: BE094085.D
Acq: 23 Sep 2017 19:29

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:128 Resp: 5719

Ion	Ratio	Lower	Upper
128	100		
129	4.8	2.6	3.8#
127	5.0	2.8	4.2#

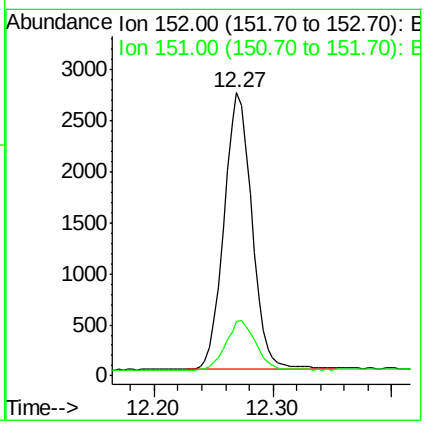


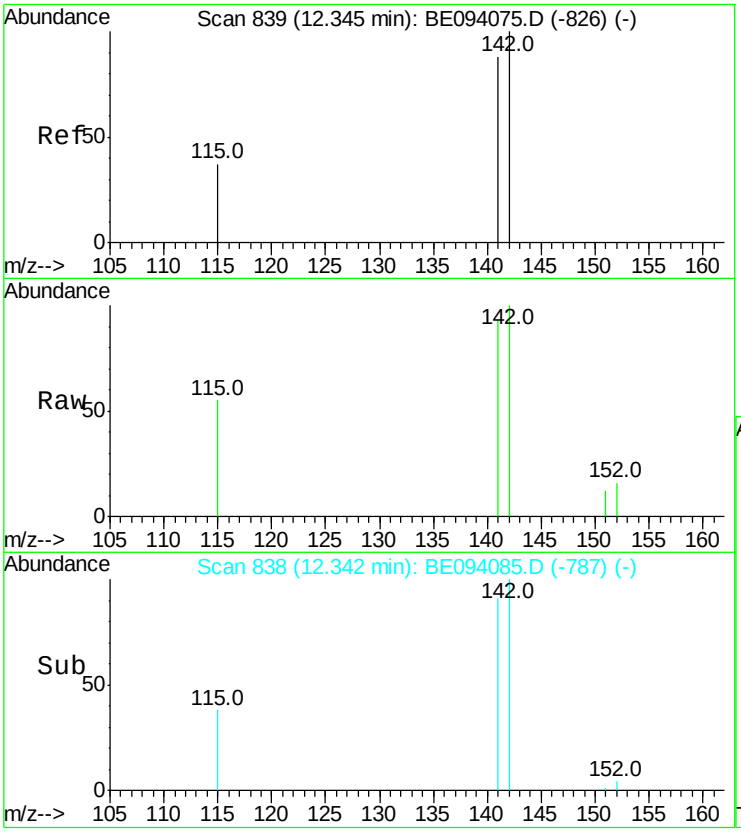


#11
2-Methylnaphthalene-d10
Concen: 0.359 ng
RT: 12.27 min Scan# 819
Delta R.T. -0.00 min
Lab File: BE094085.D
Acq: 23 Sep 2017 19:29

Tgt Ion:152 Resp: 4464

Ion	Ratio	Lower	Upper
152	100		
151	19.0	15.4	23.0



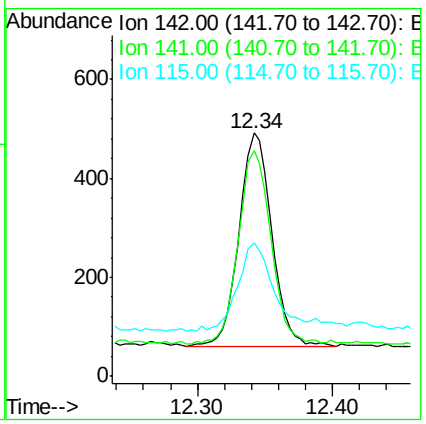


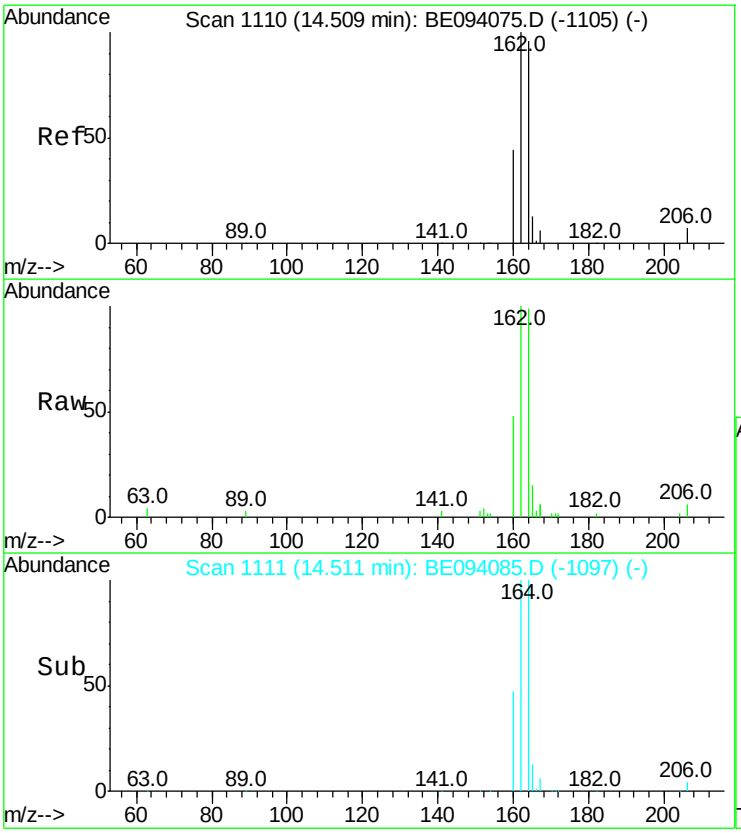
#12
2-Methylnaphthalene
Concen: 0.048 ng
RT: 12.34 min Scan# 838
Delta R.T. -0.00 min
Lab File: BE094085.D
Acq: 23 Sep 2017 19:29

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:142 Resp: 707

Ion	Ratio	Lower	Upper
142	100		
141	92.7	70.4	105.6
115	55.1	31.7	47.5#

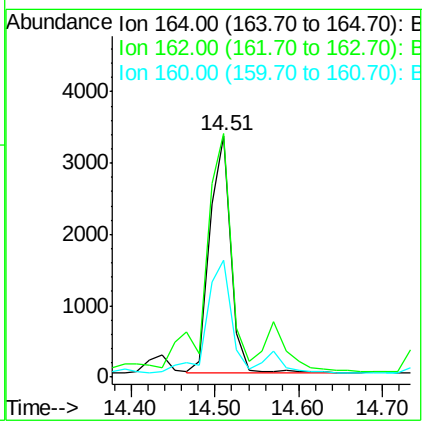


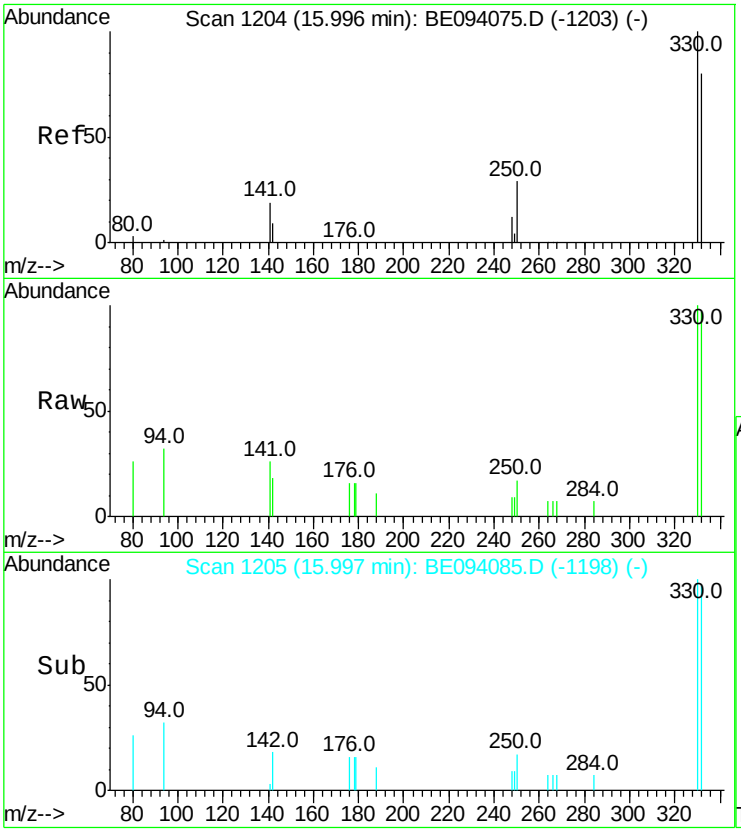


#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.51 min Scan# 1111
Delta R.T. 0.00 min
Lab File: BE094085.D
Acq: 23 Sep 2017 19:29

Tgt Ion:164 Resp: 5806

Ion	Ratio	Lower	Upper
164	100		
162	100.7	83.1	124.7
160	48.5	37.1	55.7



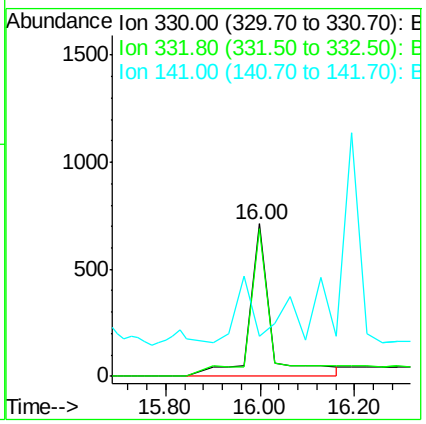


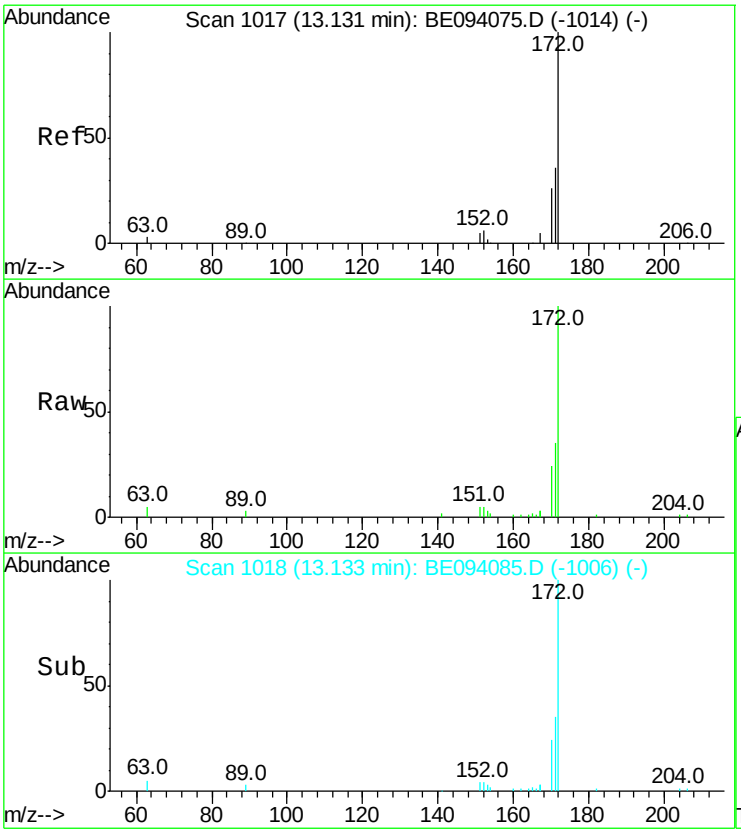
#14
2,4,6-Tribromophenol
Concen: 0.524 ng
RT: 16.00 min Scan# 1205
Delta R.T. 0.00 min
Lab File: BE094085.D
Acq: 23 Sep 2017 19:29

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:330 Resp: 2308

Ion	Ratio	Lower	Upper
330	100		
332	95.6	152.7	229.1#
141	0.0	33.7	50.5#

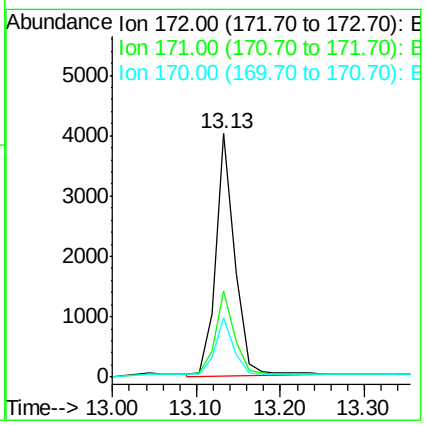


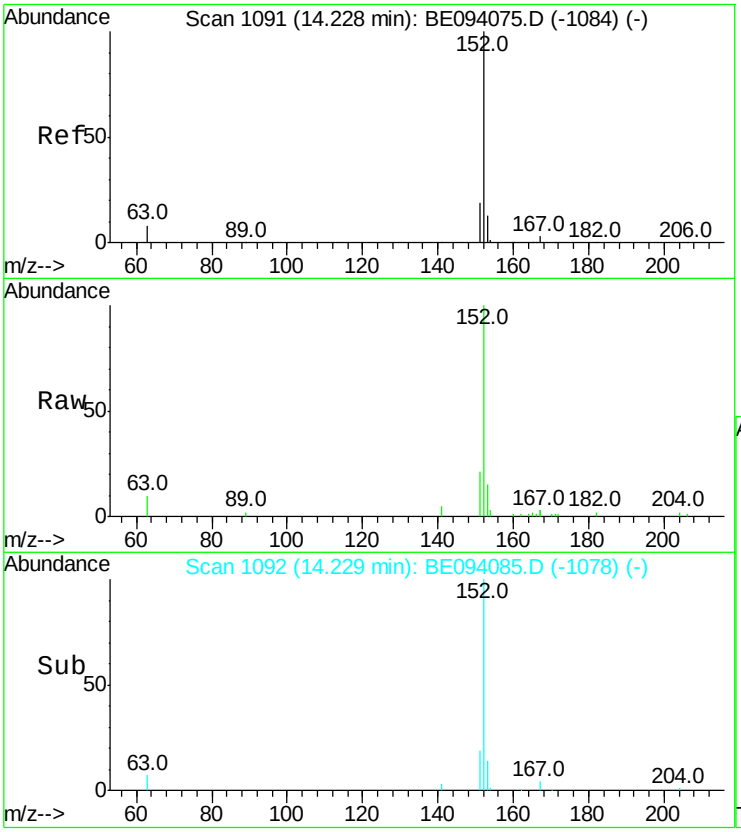


#15
2-Fluorobiphenyl
Concen: 0.333 ng
RT: 13.13 min Scan# 1018
Delta R.T. 0.00 min
Lab File: BE094085.D
Acq: 23 Sep 2017 19:29

Tgt Ion:172 Resp: 6346

Ion	Ratio	Lower	Upper
172	100		
171	35.5	29.9	44.9
170	24.4	21.8	32.8



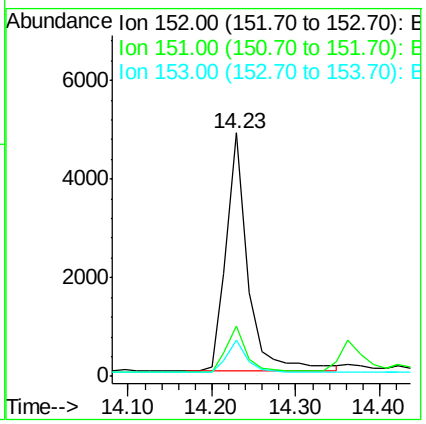


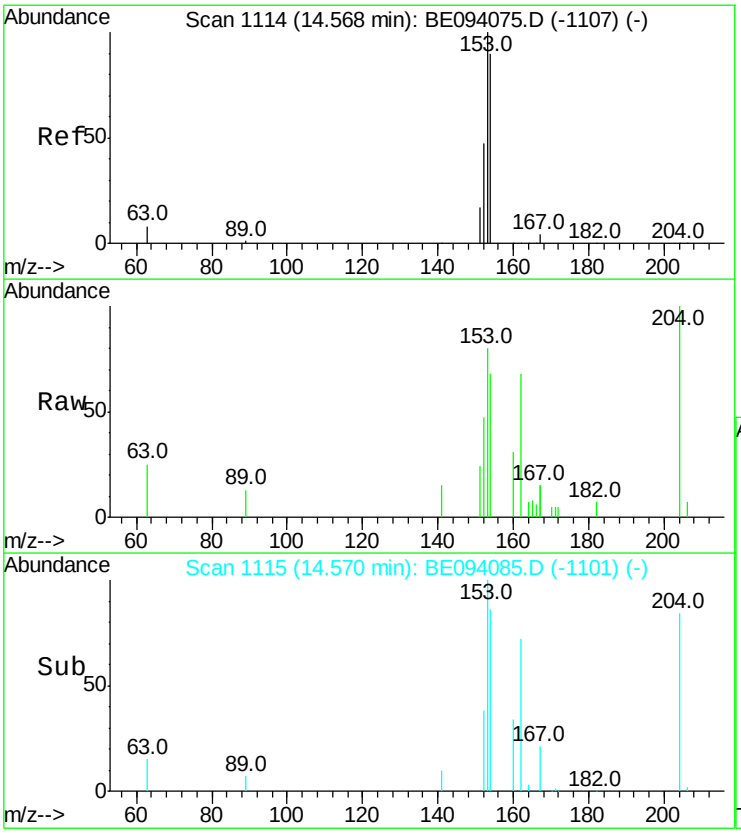
#16
Acenaphthylene
Concen: 0.298 ng
RT: 14.23 min Scan# 1092
Delta R.T. 0.00 min
Lab File: BE094085.D
Acq: 23 Sep 2017 19:29

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:152 Resp: 8710

Ion	Ratio	Lower	Upper
152	100		
151	19.4	15.7	23.5
153	13.2	10.5	15.7

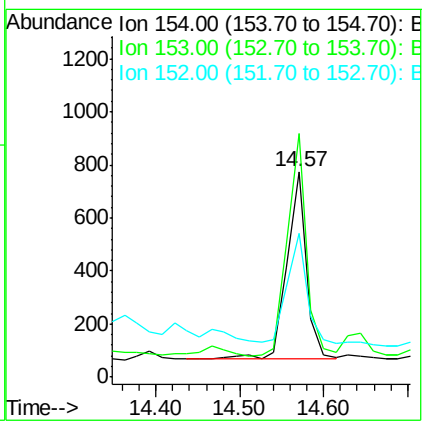


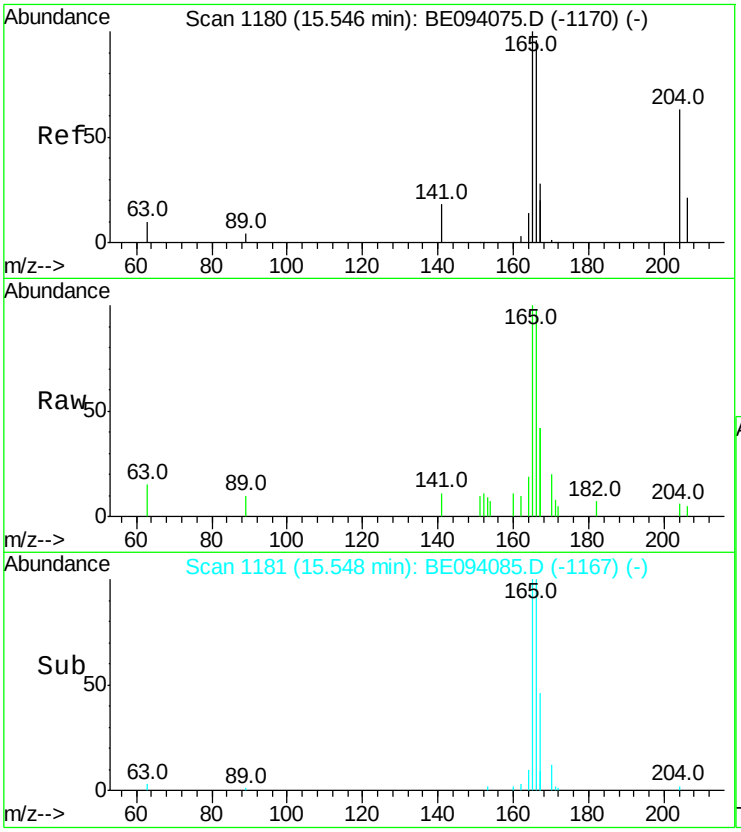


#17
Acenaphthene
Concen: 0.059 ng
RT: 14.57 min Scan# 1115
Delta R.T. 0.00 min
Lab File: BE094085.D
Acq: 23 Sep 2017 19:29

Tgt Ion:154 Resp: 1144

Ion	Ratio	Lower	Upper
154	100		
153	117.3	89.2	133.8
152	66.9	42.0	63.0#



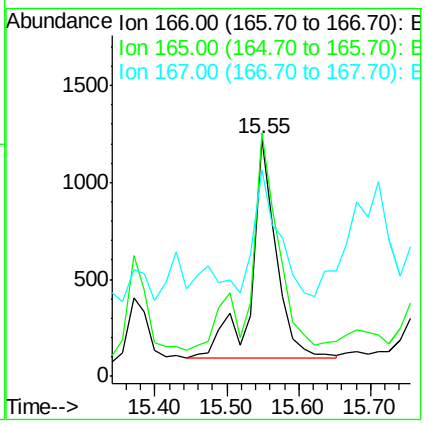


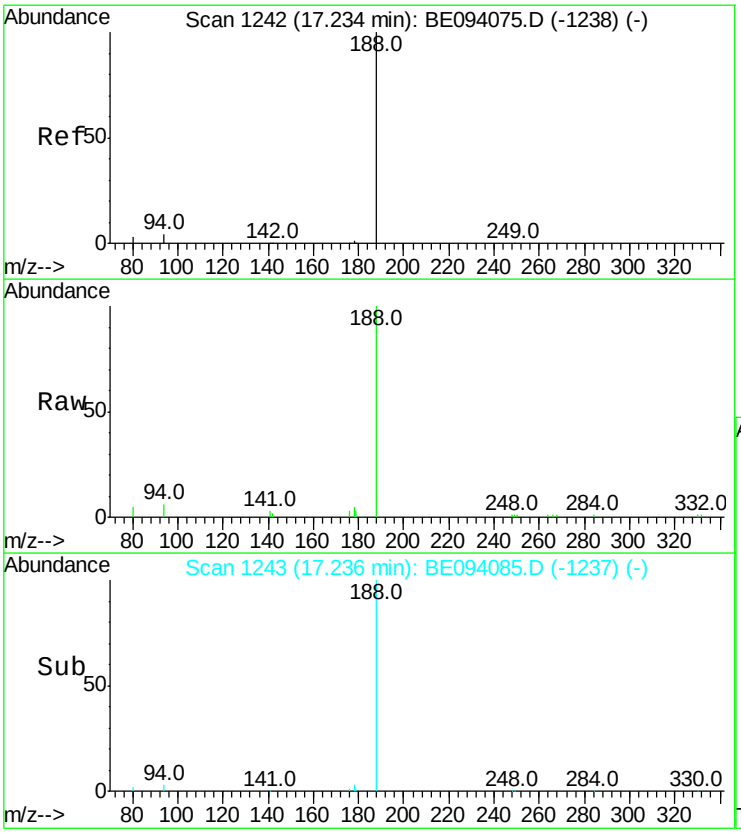
#18
Fluorene
Concen: 0.095 ng
RT: 15.55 min Scan# 1181
Delta R.T. 0.00 min
Lab File: BE094085.D
Acq: 23 Sep 2017 19:29

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:166 Resp: 2745

Ion	Ratio	Lower	Upper
166	100		
165	112.6	77.8	116.6
167	54.9	42.4	63.6

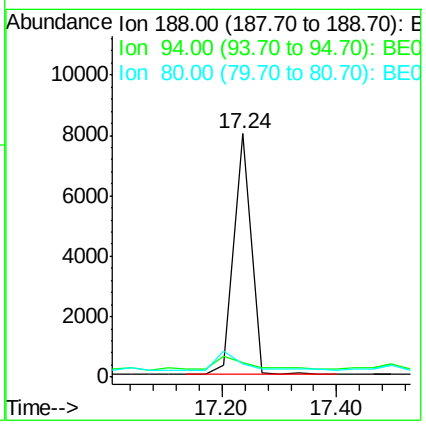


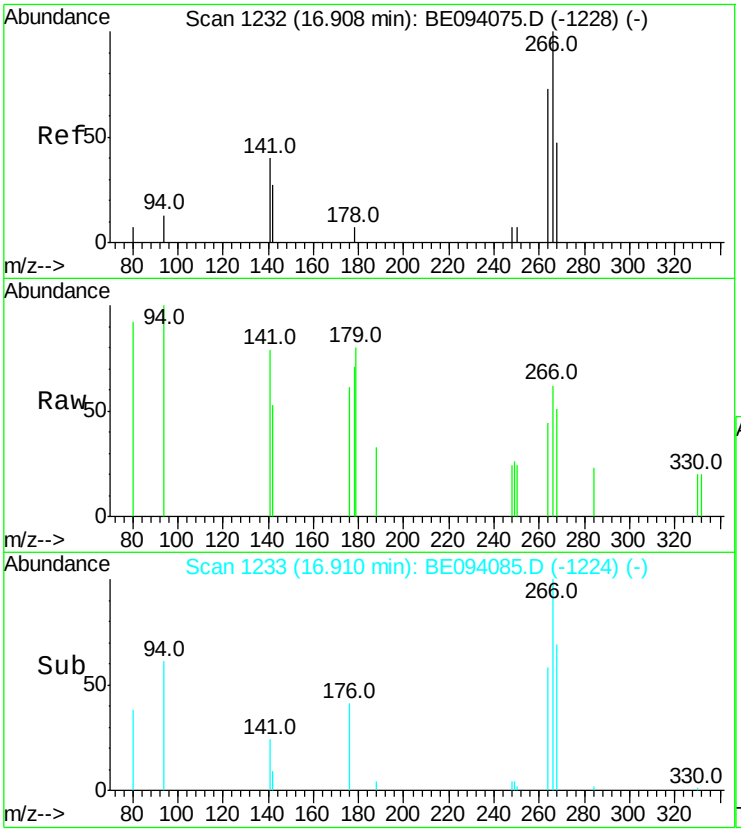


#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.24 min Scan# 1243
Delta R.T. 0.00 min
Lab File: BE094085.D
Acq: 23 Sep 2017 19:29

Tgt Ion:188 Resp: 16632

Ion	Ratio	Lower	Upper
188	100		
94	6.2	3.9	5.9#
80	5.2	3.6	5.4



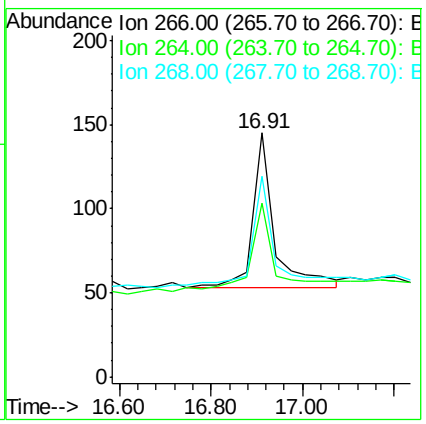


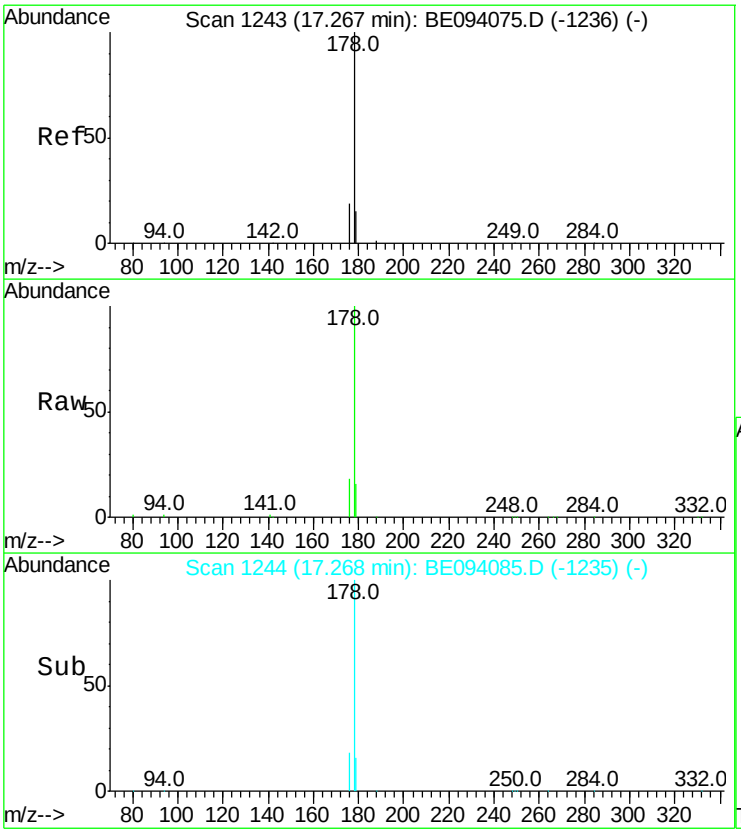
#22
Pentachlorophenol
Concen: 0.137 ng
RT: 16.91 min Scan# 1233
Delta R.T. 0.00 min
Lab File: BE094085.D
Acq: 23 Sep 2017 19:29

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:266 Resp: 309

Ion	Ratio	Lower	Upper
266	100		
264	71.0	72.5	108.7#
268	82.1	73.8	110.6

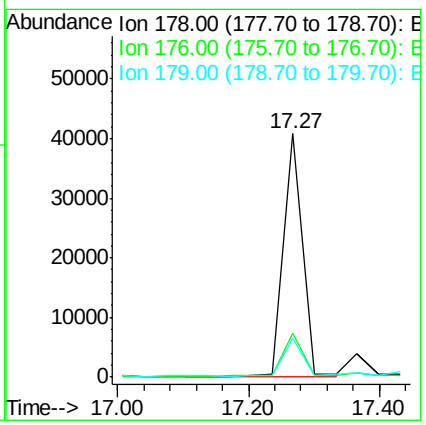


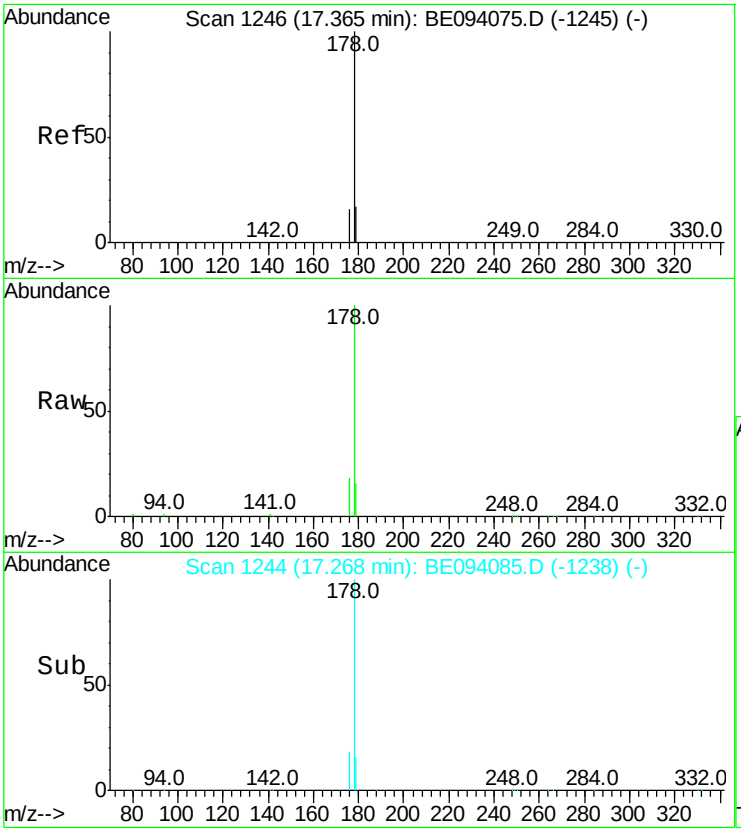


#23
Phenanthrene
Concen: 1.368 ng
RT: 17.27 min Scan# 1244
Delta R.T. 0.00 min
Lab File: BE094085.D
Acq: 23 Sep 2017 19:29

Tgt Ion:178 Resp: 81467

Ion	Ratio	Lower	Upper
178	100		
176	18.9	15.1	22.7
179	16.8	11.8	17.6



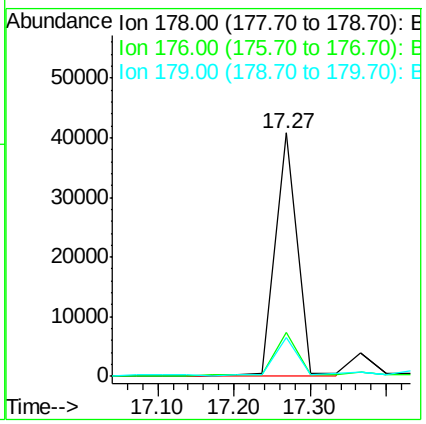


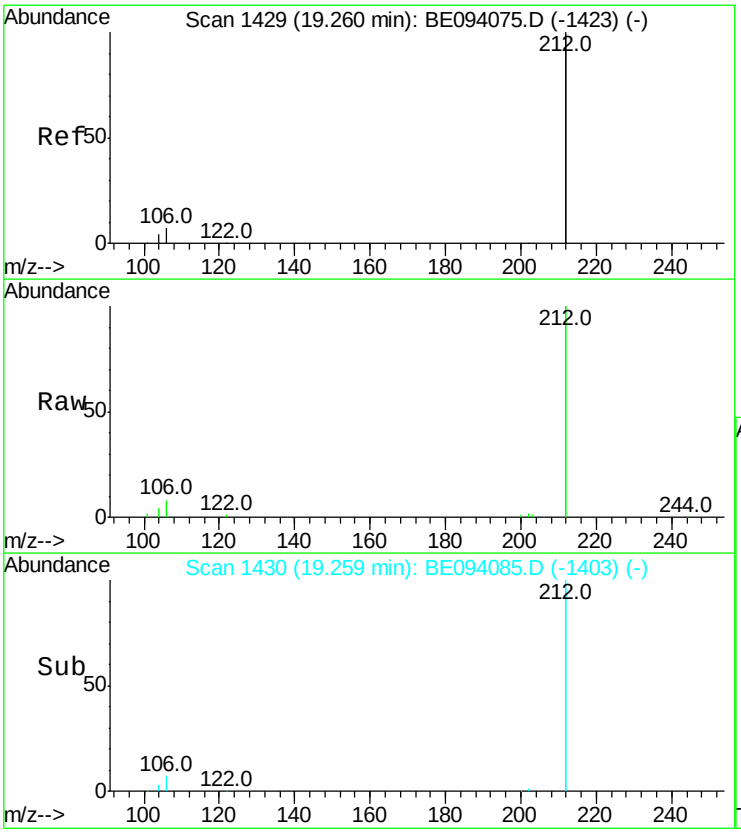
#24
Anthracene
Concen: 1.771 ng
RT: 17.27 min Scan# 1244
Delta R.T. -0.10 min
Lab File: BE094085.D
Acq: 23 Sep 2017 19:29

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:178 Resp: 81369

Ion	Ratio	Lower	Upper
178	100		
176	18.7	12.8	19.2
179	16.8	13.0	19.6

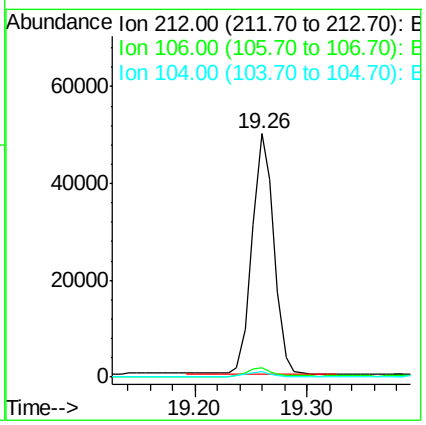


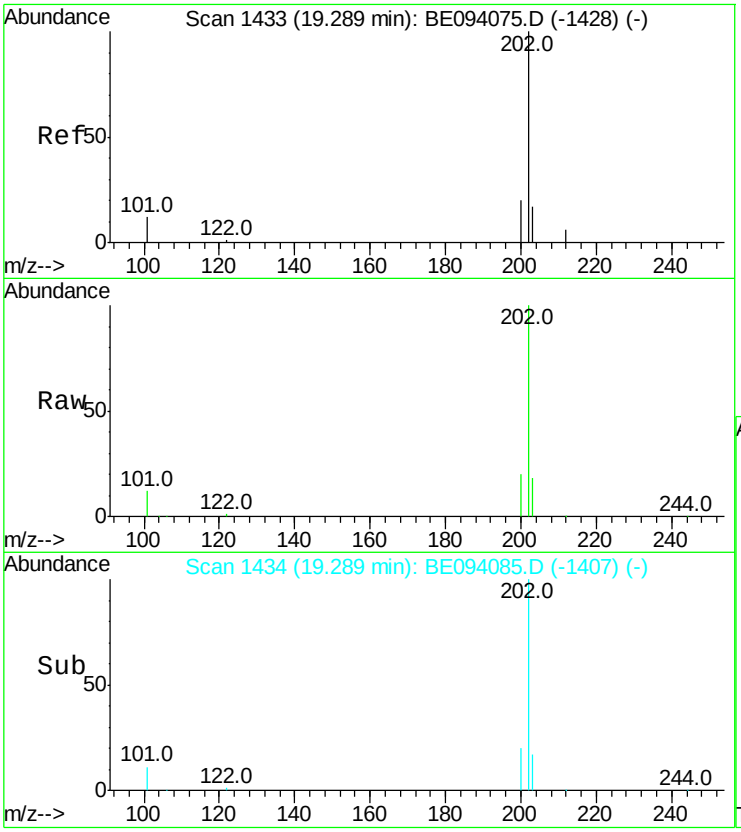


#25
Fluoranthene-d10
Concen: 0.319 ng
RT: 19.26 min Scan# 1430
Delta R.T. -0.00 min
Lab File: BE094085.D
Acq: 23 Sep 2017 19:29

Tgt Ion:212 Resp: 68056

Ion	Ratio	Lower	Upper
212	100		
106	3.6	2.8	4.2
104	2.0	1.6	2.4



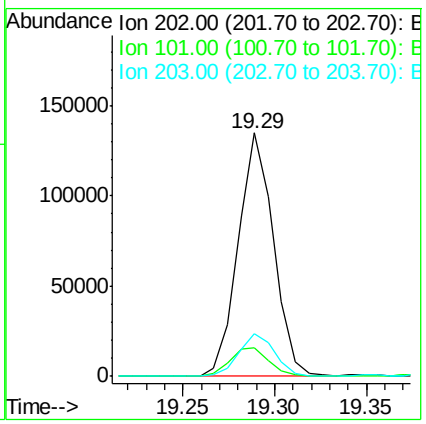


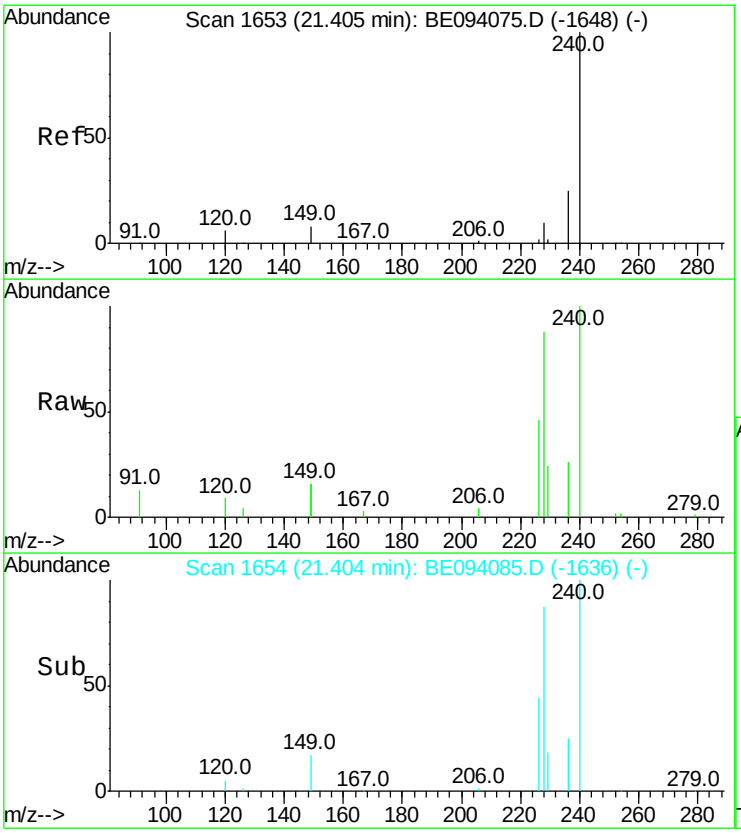
#26
Fluoranthene
Concen: 2.821 ng
RT: 19.29 min Scan# 1434
Delta R.T. -0.00 min
Lab File: BE094085.D
Acq: 23 Sep 2017 19:29

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:202 Resp: 180296

Ion	Ratio	Lower	Upper
202	100		
101	12.5	9.8	14.8
203	17.5	13.7	20.5

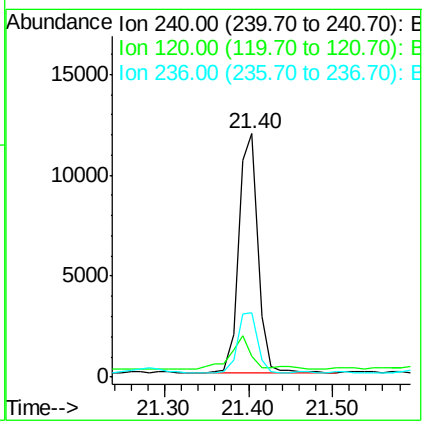


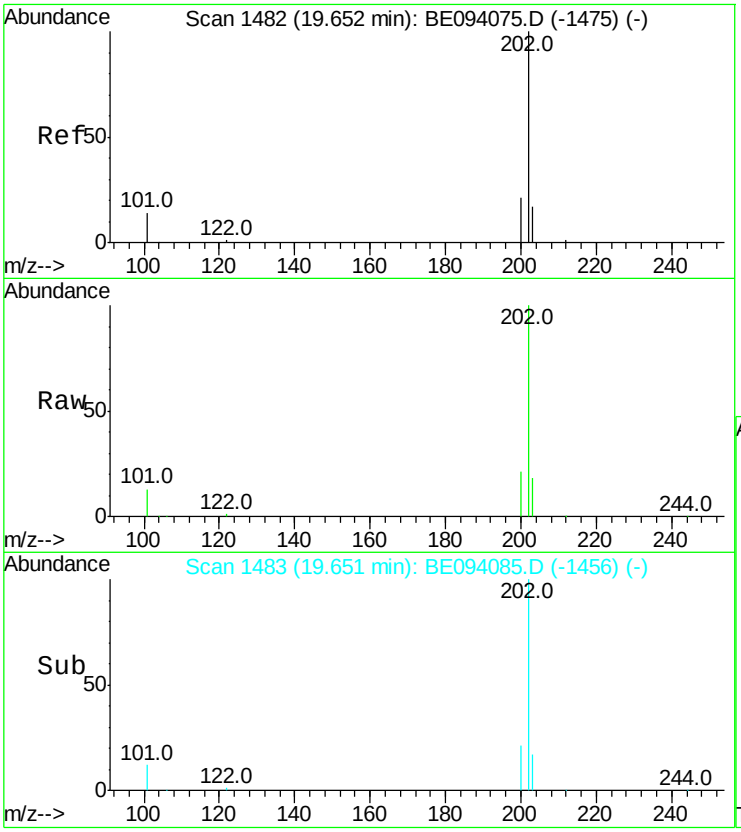


#27
Chrysene-d12
Concen: 0.400 ng
RT: 21.40 min Scan# 1654
Delta R.T. -0.00 min
Lab File: BE094085.D
Acq: 23 Sep 2017 19:29

Tgt Ion:240 Resp: 18510

Ion	Ratio	Lower	Upper
240	100		
120	8.8	5.5	8.3#
236	26.3	20.7	31.1



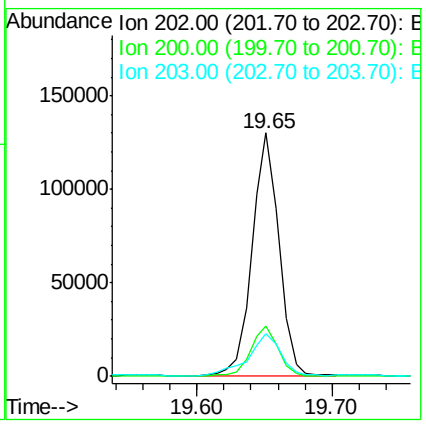


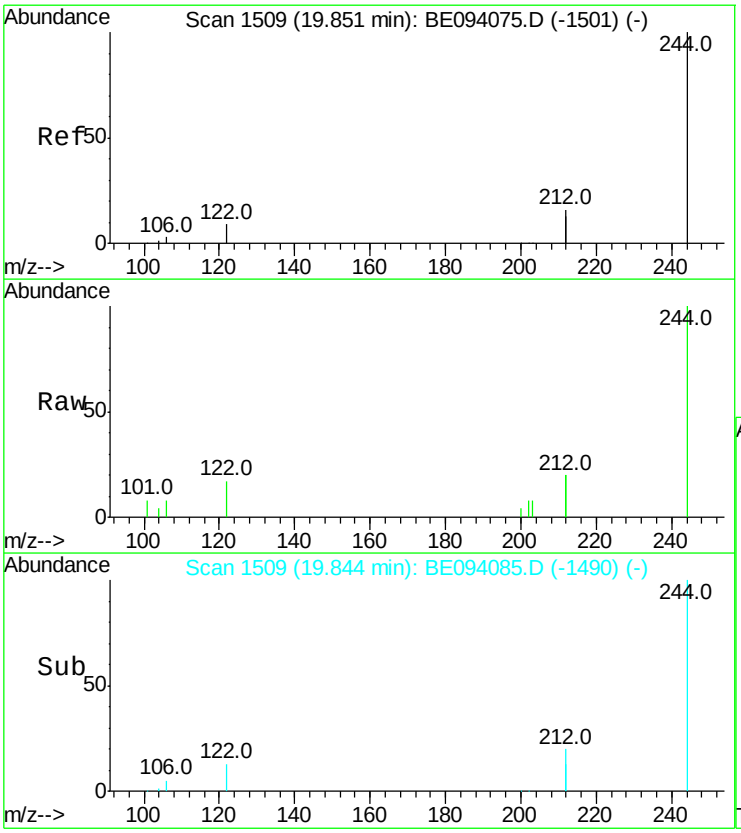
#28
Pyrene
Concen: 3.503 ng
RT: 19.65 min Scan# 1483
Delta R.T. -0.00 min
Lab File: BE094085.D
Acq: 23 Sep 2017 19:29

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:202 Resp: 179388

Ion	Ratio	Lower	Upper
202	100		
200	20.9	16.6	25.0
203	21.0	13.8	20.8#

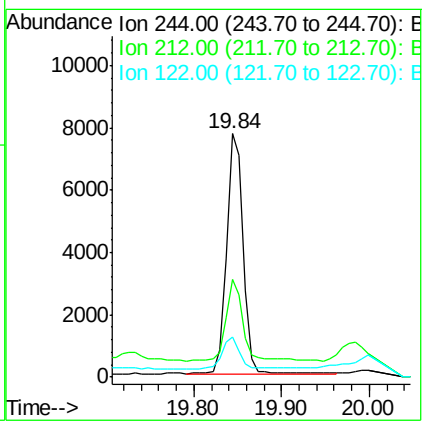


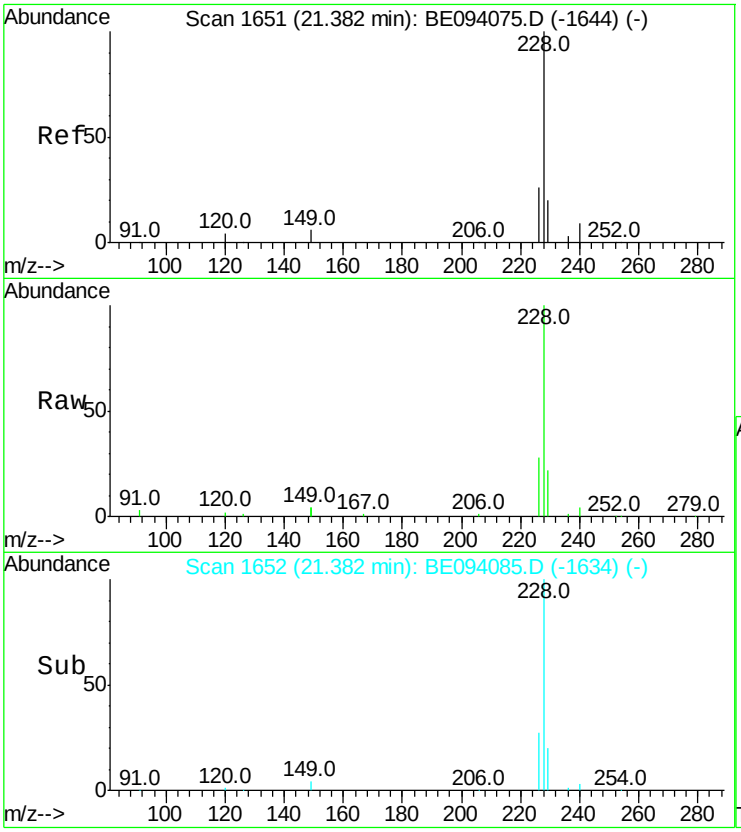


#29
Terphenyl-d14
Concen: 0.350 ng
RT: 19.84 min Scan# 1509
Delta R.T. -0.01 min
Lab File: BE094085.D
Acq: 23 Sep 2017 19:29

Tgt Ion:244 Resp: 10141

Ion	Ratio	Lower	Upper
244	100		
212	40.2	25.4	38.0#
122	16.7	8.1	12.1#



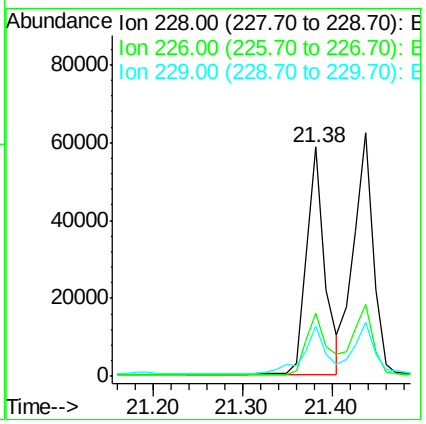


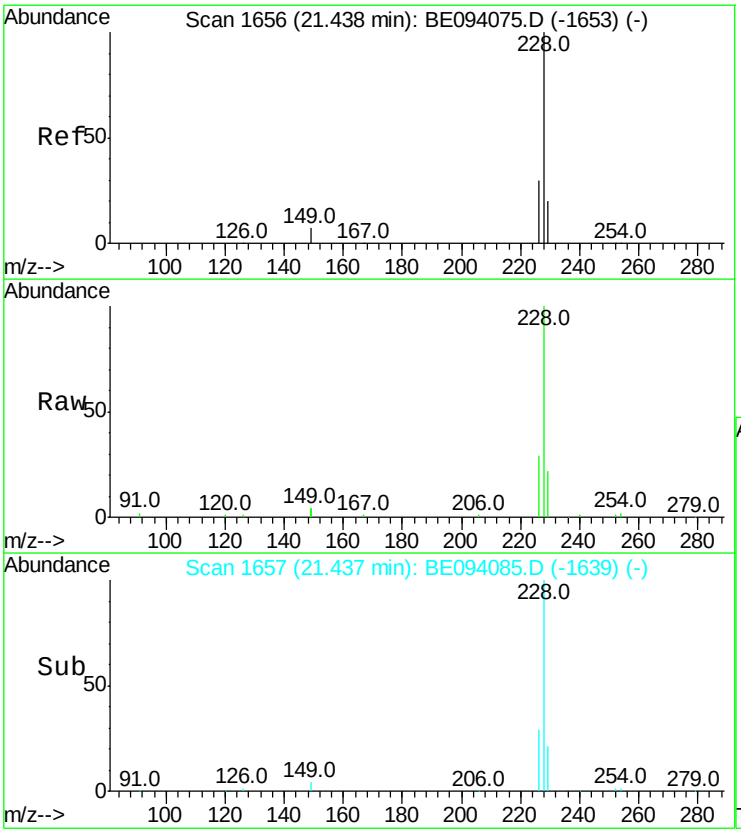
#30
Benzo(a)anthracene
Concen: 1.339 ng
RT: 21.38 min Scan# 1652
Delta R.T. -0.00 min
Lab File: BE094085.D
Acq: 23 Sep 2017 19:29

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:228 Resp: 83016

Ion	Ratio	Lower	Upper
228	100		
226	27.6	21.4	32.0
229	21.9	16.4	24.6

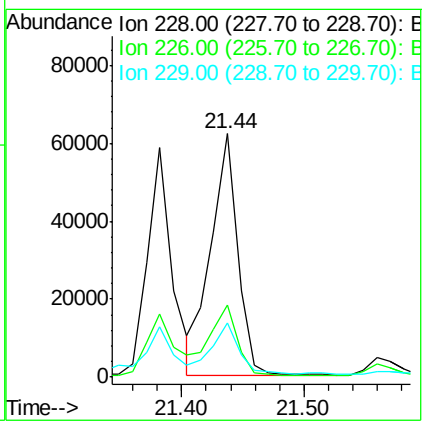


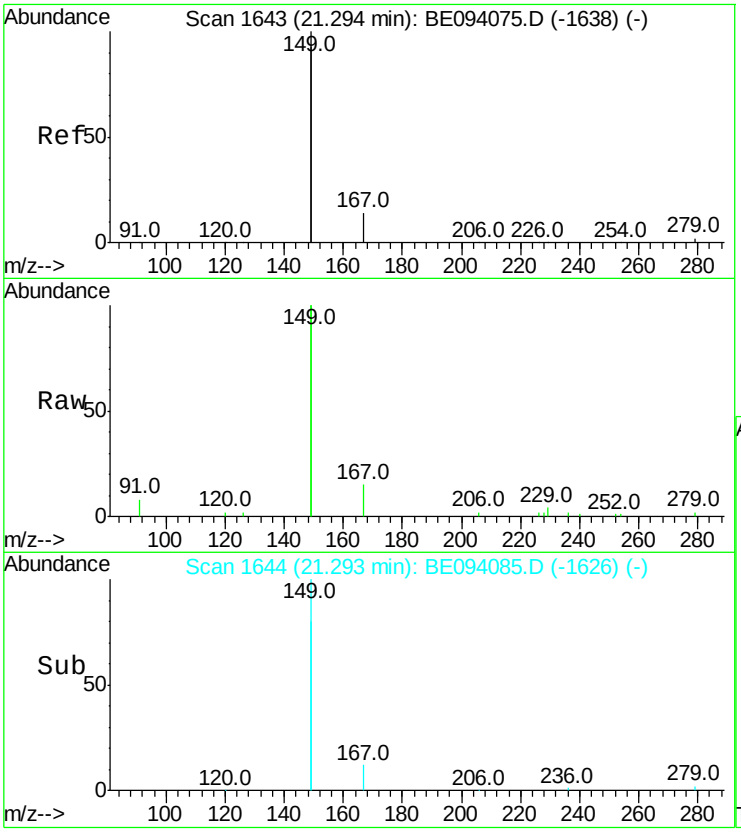


#31
Chrysene
Concen: 1.547 ng
RT: 21.44 min Scan# 1657
Delta R.T. -0.00 min
Lab File: BE094085.D
Acq: 23 Sep 2017 19:29

Tgt Ion:228 Resp: 93985

Ion	Ratio	Lower	Upper
228	100		
226	29.4	23.6	35.4
229	22.3	16.4	24.6



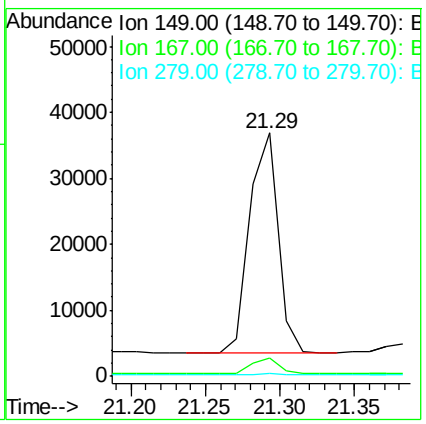


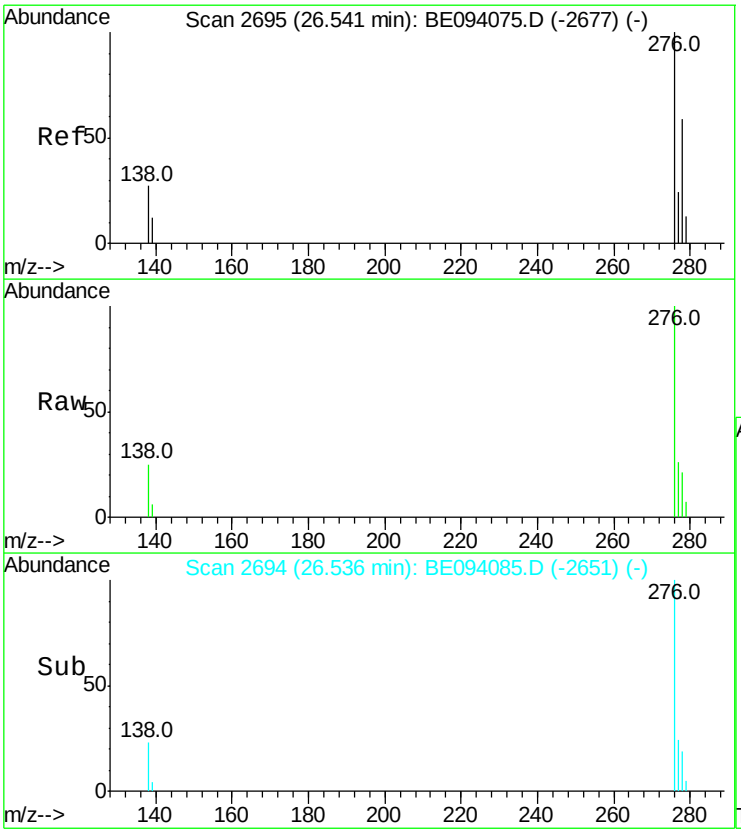
#32
Bis(2-ethylhexyl)phthalate
Concen: 0.267 ng
RT: 21.29 min Scan# 1644
Delta R.T. -0.00 min
Lab File: BE094085.D
Acq: 23 Sep 2017 19:29

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:149 Resp: 44424

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

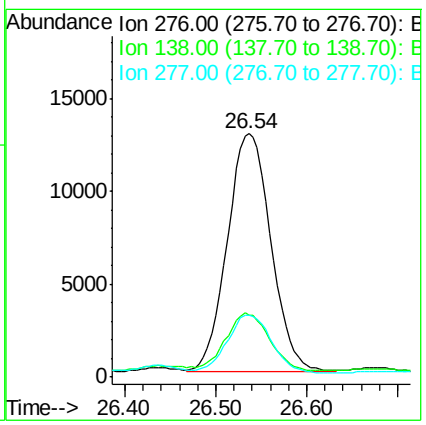


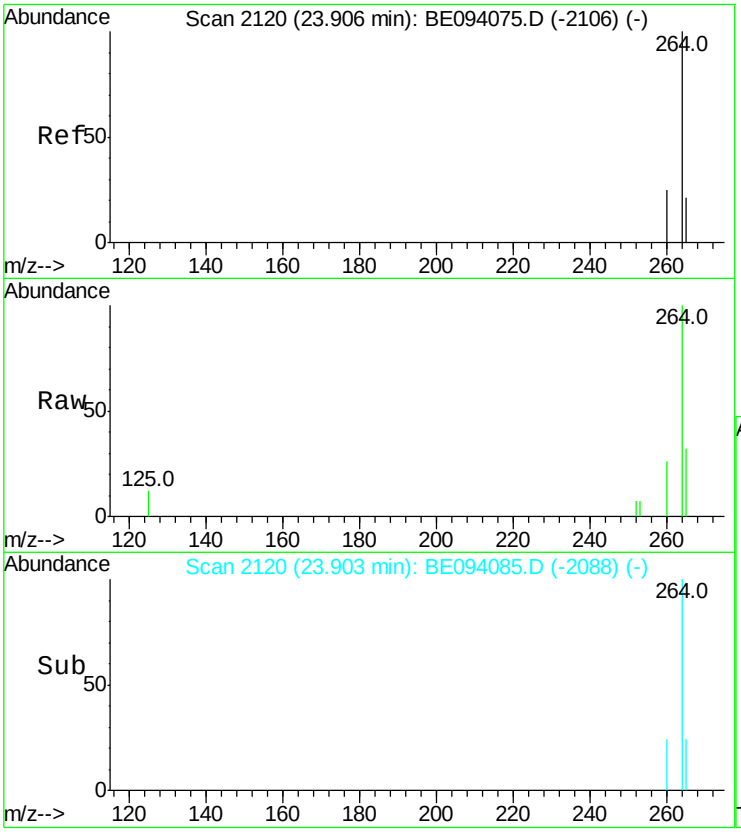


#33
Indeno(1,2,3-cd)pyrene
Concen: 0.909 ng
RT: 26.54 min Scan# 2694
Delta R.T. -0.00 min
Lab File: BE094085.D
Acq: 23 Sep 2017 19:29

Tgt Ion:276 Resp: 42688

Ion	Ratio	Lower	Upper
276	100		
138	24.4	22.5	33.7
277	24.6	19.9	29.9



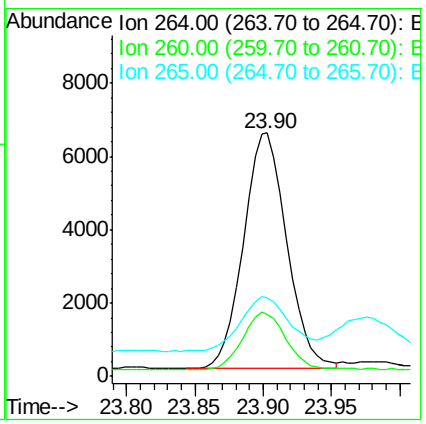


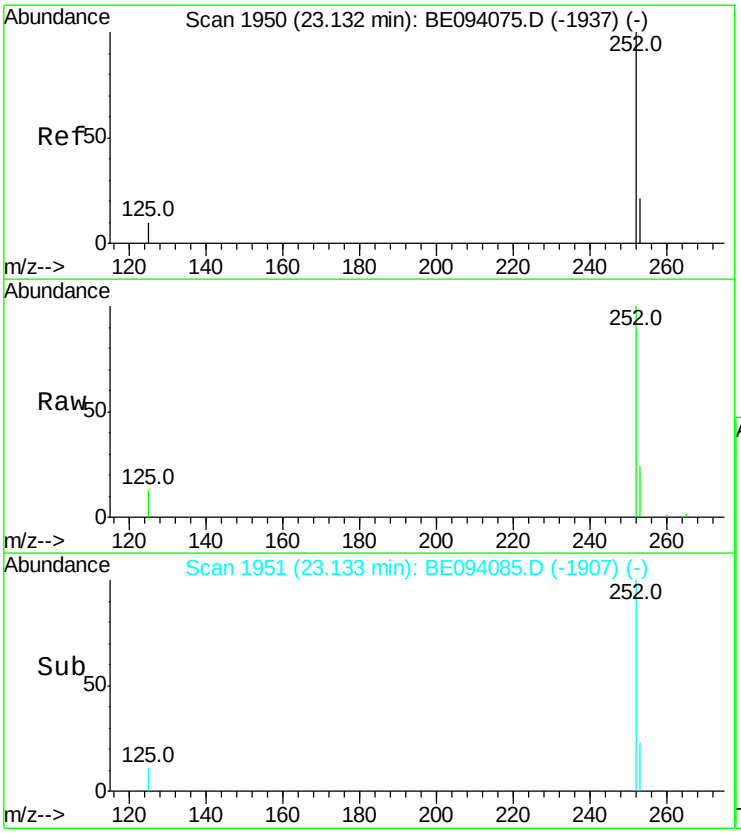
#34
Perylene-d12
Concen: 0.400 ng
RT: 23.90 min Scan# 2120
Delta R.T. -0.00 min
Lab File: BE094085.D
Acq: 23 Sep 2017 19:29

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:264 Resp: 14213

Ion	Ratio	Lower	Upper
264	100		
260	25.6	20.5	30.7
265	32.5	22.8	34.2

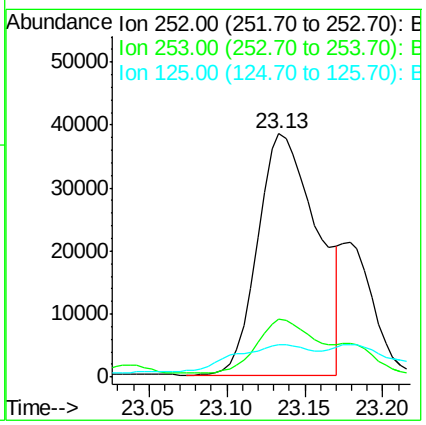


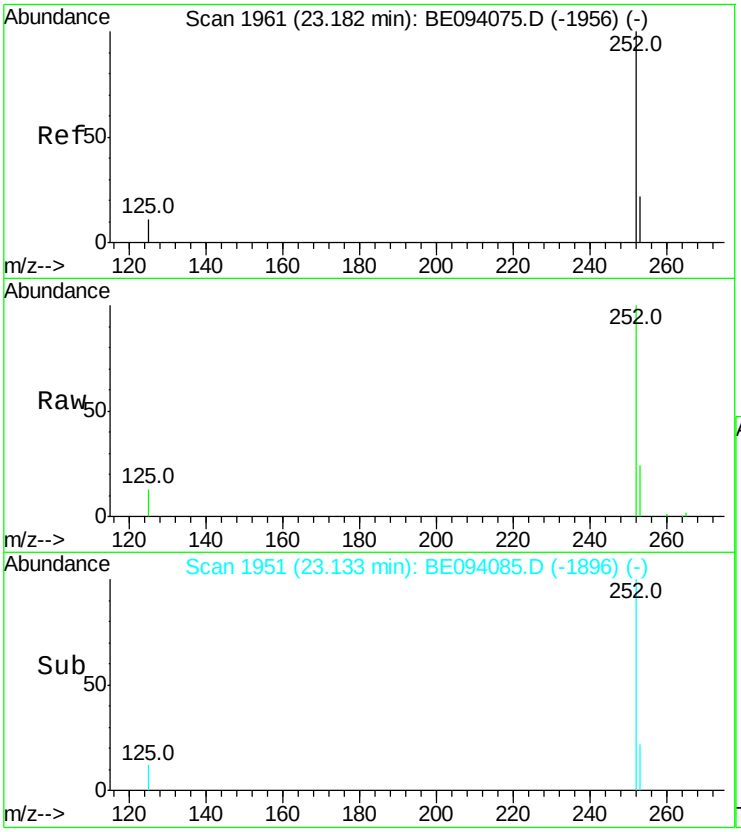


#35
Benzo(b)fluoranthene
Concen: 1.968 ng
RT: 23.13 min Scan# 1951
Delta R.T. 0.00 min
Lab File: BE094085.D
Acq: 23 Sep 2017 19:29

Tgt Ion:252 Resp: 101231

Ion	Ratio	Lower	Upper
252	100		
253	23.8	18.2	27.2
125	13.4	10.1	15.1



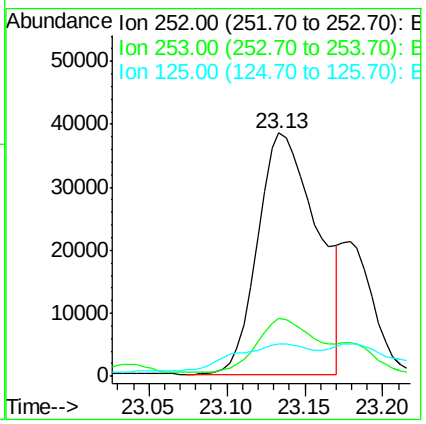


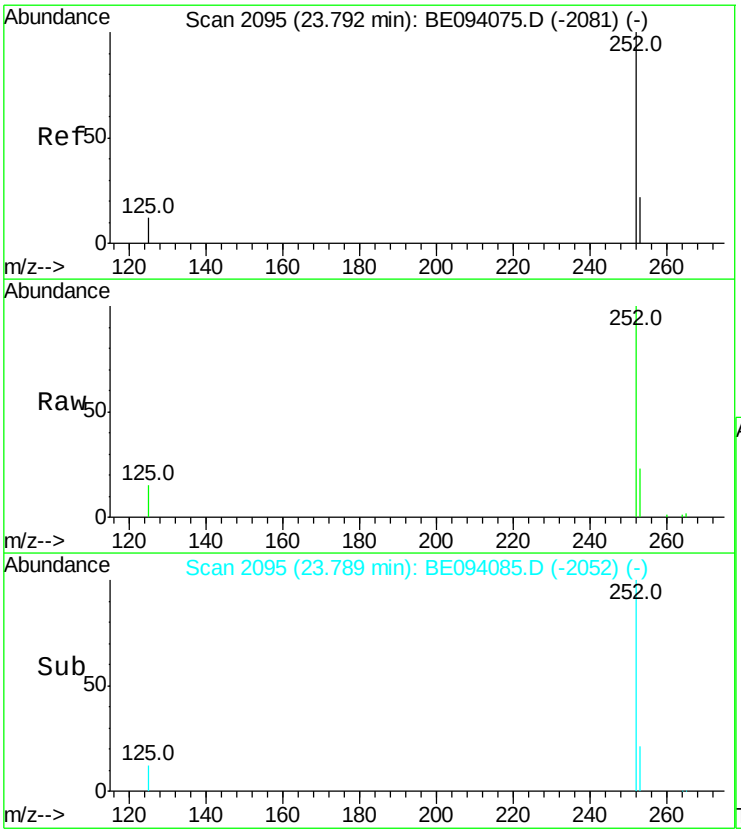
#36
Benzo(k)fluoranthene
Concen: 1.961 ng
RT: 23.13 min Scan# 1951
Delta R.T. -0.05 min
Lab File: BE094085.D
Acq: 23 Sep 2017 19:29

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:252 Resp: 101231

Ion	Ratio	Lower	Upper
252	100		
253	23.8	18.6	27.8
125	13.4	10.7	16.1

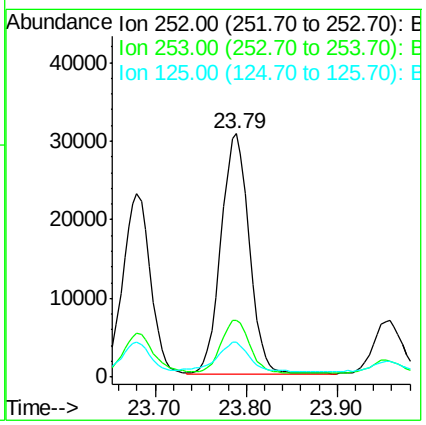


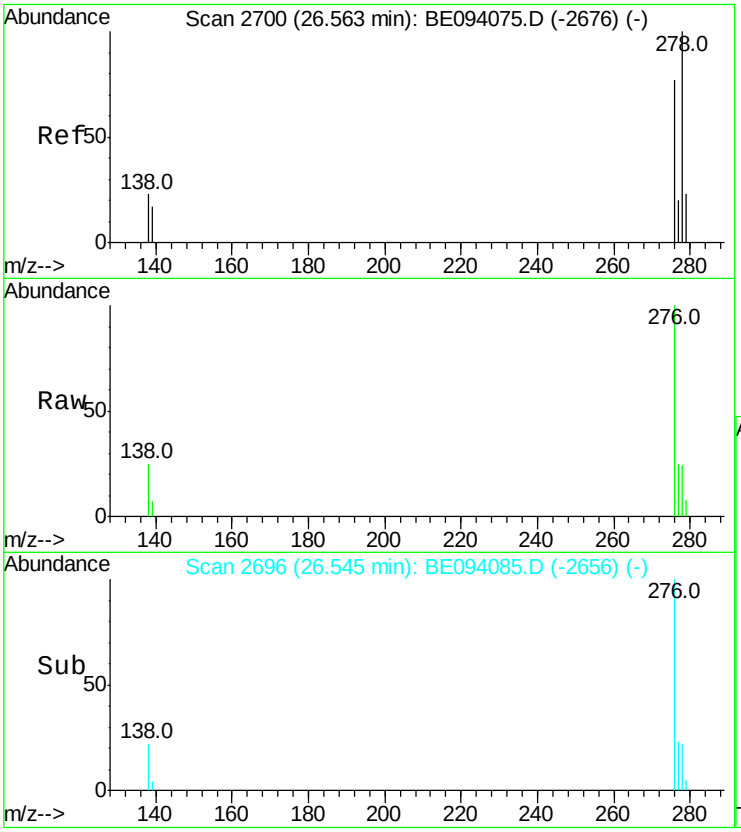


#37
Benzo(a)pyrene
Concen: 1.411 ng
RT: 23.79 min Scan# 2095
Delta R.T. -0.00 min
Lab File: BE094085.D
Acq: 23 Sep 2017 19:29

Tgt Ion:252 Resp: 65170

Ion	Ratio	Lower	Upper
252	100		
253	23.1	19.0	28.6
125	14.5	11.8	17.8



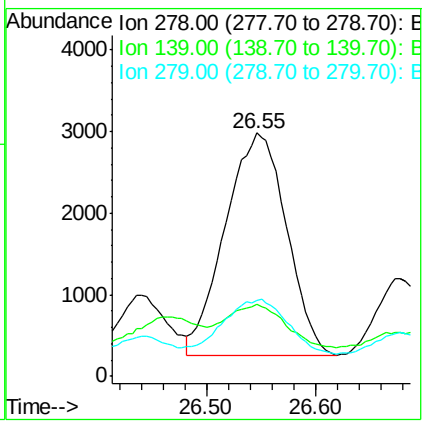


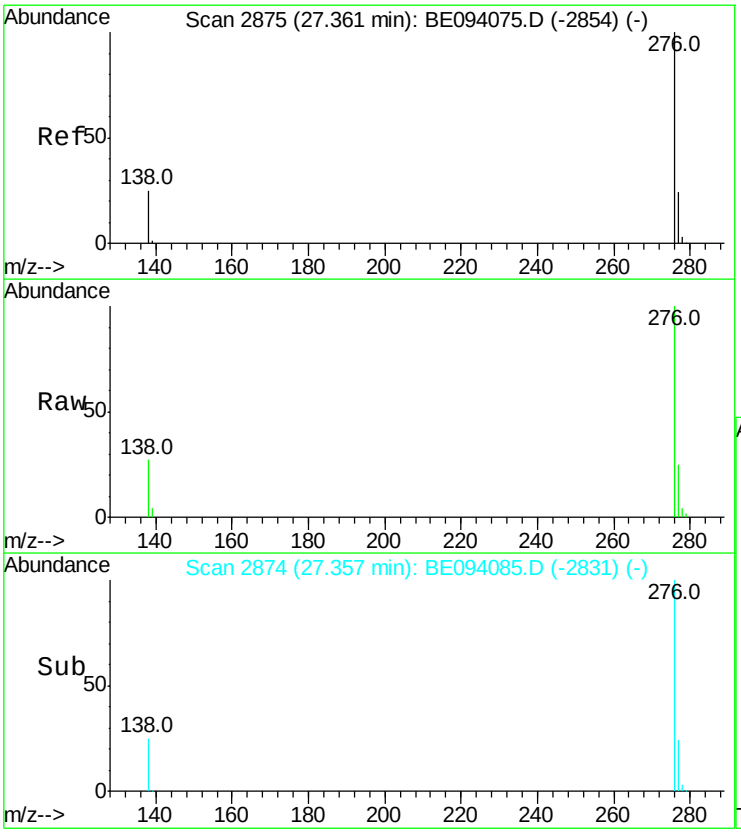
#38
Dibenzo(a,h)anthracene
Concen: 0.287 ng
RT: 26.55 min Scan# 2696
Delta R.T. -0.02 min
Lab File: BE094085.D
Acq: 23 Sep 2017 19:29

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:278 Resp: 10607

Ion	Ratio	Lower	Upper
278	100		
139	29.5	16.3	24.5#
279	31.3	19.9	29.9#





#39
Benzo(g,h,i)perylene
Concen: 1.180 ng
RT: 27.36 min Scan# 2874
Delta R.T. -0.00 min
Lab File: BE094085.D
Acq: 23 Sep 2017 19:29

Tgt Ion:276 Resp: 43608

Ion	Ratio	Lower	Upper
276	100		
277	25.3	20.8	31.2
138	27.1	21.5	32.3