Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA E\Data\BE092317\
Data File : BE094073.D
Acq On : 23 Sep 2017 12:01
Operator : SJ/JU
Sample : SSTDICC0.1
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument : BNA_E
ClientSampleId :

Quant Time: Sep 23 14:52:42 2017
Quant Method : Z:\HPCHEM1\BNA E\METHODS\8270-SIM-BE092317.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Sat Sep 23 14:52:02 2017
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.908	152	720	0.40	ng		0.00
7) Naphthalene-d8	10.690	136	3750	0.40	ng		0.00
13) Acenaphthene-d10	14.509	164	2770	0.40	ng		0.00
19) Phenanthrene-d10	17.234	188	12035	0.40	ng		0.00
27) Chrysene-d12	21.405	240	16862	0.40	ng		0.00
34) Perylene-d12	23.906	264	13846	0.40	ng		0.00
System Monitoring Compounds							
4) 2-Fluorophenol	5.503	112	480	0.21	ng		0.00
5) Phenol-d6	7.090	99	463	0.13	ng		0.00
8) Nitrobenzene-d5	9.061	82	370	0.12	ng		0.00
11) 2-Methylnaphthalene-d10	12.274	152	647	0.11	ng		0.00
14) 2,4,6-Tribromophenol	15.996	330	1078	1.26	ng		0.00
15) 2-Fluorobiphenyl	13.131	172	1679	0.15	ng		0.00
25) Fluoranthene-d10	19.260	212	15101	0.08	ng		0.00
29) Terphenyl-d14	19.844	244	2822	0.09	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.413	88	190	0.19	ng	#	75
3) n-Nitrosodimethylamine	3.728	42	255	0.22	ng	#	62
6) bis(2-Chloroethyl)ether	7.329	93	335	0.12	ng		97
9) Naphthalene	10.740	128	9427	0.22	ng	#	96
10) Hexachlorobutadiene	11.025	225	164	0.10	ng	#	88
12) 2-Methylnaphthalene	12.346	142	764	0.11	ng	#	92
16) Acenaphthylene	14.227	152	1367	0.10	ng		97
17) Acenaphthene	14.568	154	965	0.10	ng		98
18) Fluorene	15.561	166	1496	0.12	ng		98
20) 4-Bromophenyl-phenylether	16.420	248	622	0.09	ng	#	48
21) Hexachlorobenzene	16.550	284	421	0.06	ng	#	100
22) Pentachlorophenol	16.909	266	812	0.43	ng		97
23) Phenanthrene	17.267	178	4352	0.11	ng	#	98
24) Anthracene	17.365	178	3526	0.10	ng	#	93
26) Fluoranthene	19.290	202	4499	0.08	ng	#	96
28) Pyrene	19.652	202	4959	0.09	ng		99
30) Benzo(a)anthracene	21.383	228	6037	0.12	ng		96
31) Chrysene	21.438	228	5614	0.10	ng		97
32) Bis(2-ethylhexyl)phtha...	21.294	149	17188	0.14	ng		100
33) Indeno(1,2,3-cd)pyrene	26.545	276	4325	0.12	ng		97
35) Benzo(b)fluoranthene	23.136	252	5022	0.11	ng	#	88
36) Benzo(k)fluoranthene	23.186	252	5092	0.09	ng	#	85
37) Benzo(a)pyrene	23.792	252	4602	0.10	ng	#	80
38) Dibenzo(a,h)anthracene	26.559	278	3678	0.12	ng	#	85
39) Benzo(g,h,i)perylene	27.361	276	3747	0.12	ng	#	88

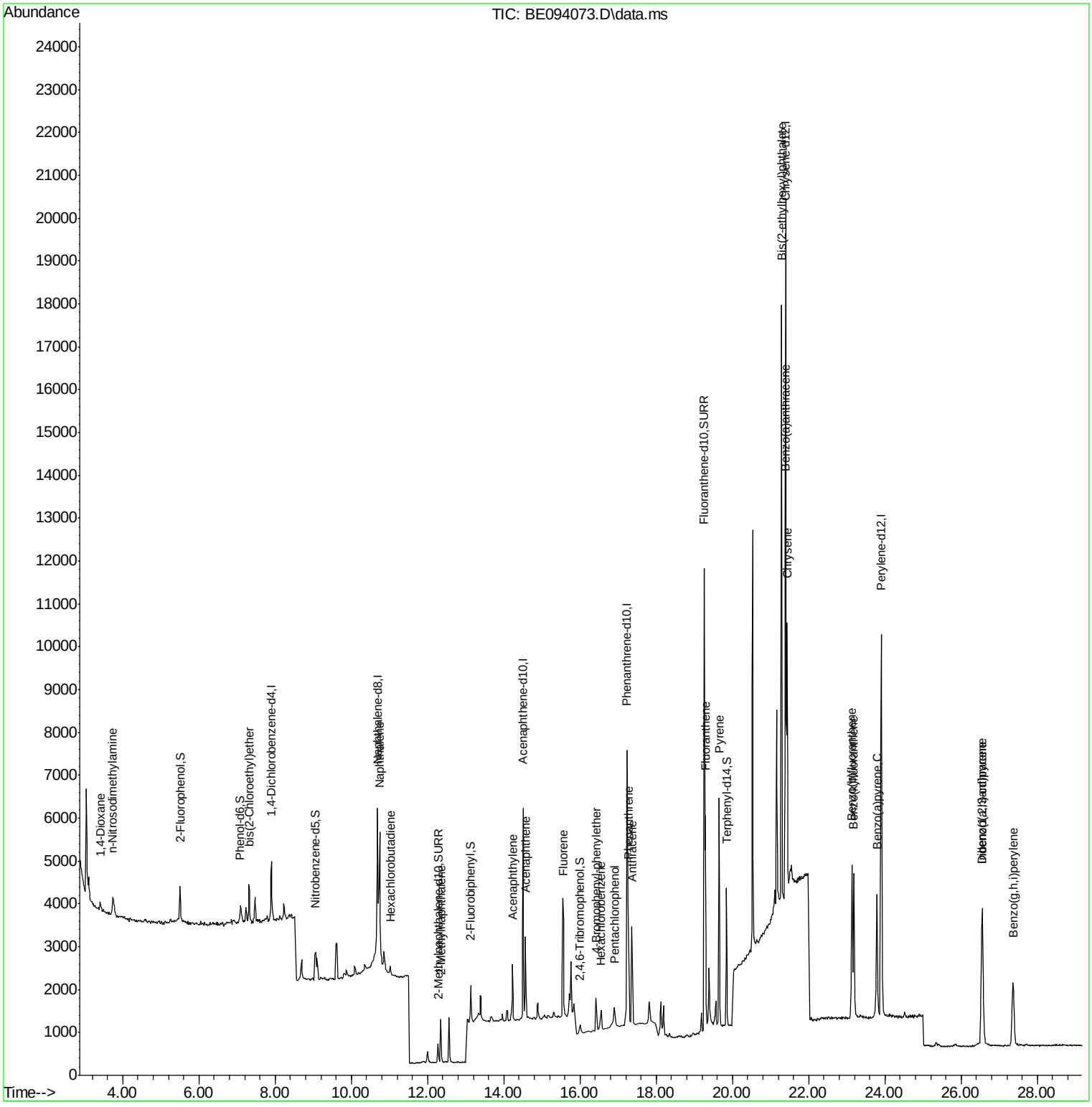
(#) = qualifier out of range (m) = manual integration (+) = signals summed

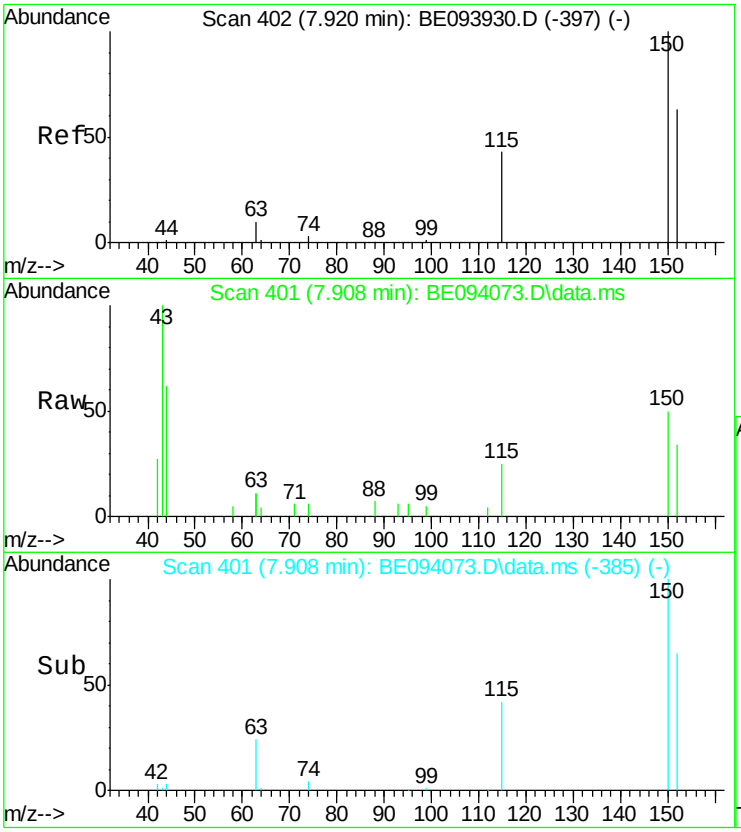
Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA E\Data\BE092317\
Data File : BE094073.D
Acq On : 23 Sep 2017 12:01
Operator : SJ/JU
Sample : SSTDICC0.1
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_E
ClientSampleId :

Quant Time: Sep 23 14:52:42 2017
Quant Method : Z:\HPCHEM1\BNA E\METHODS\8270-SIM-BE092317.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Sat Sep 23 14:52:02 2017
Response via : Initial Calibration



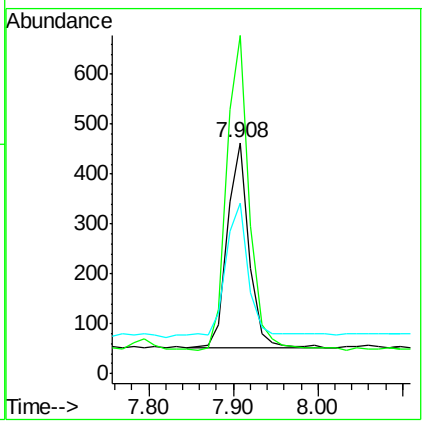


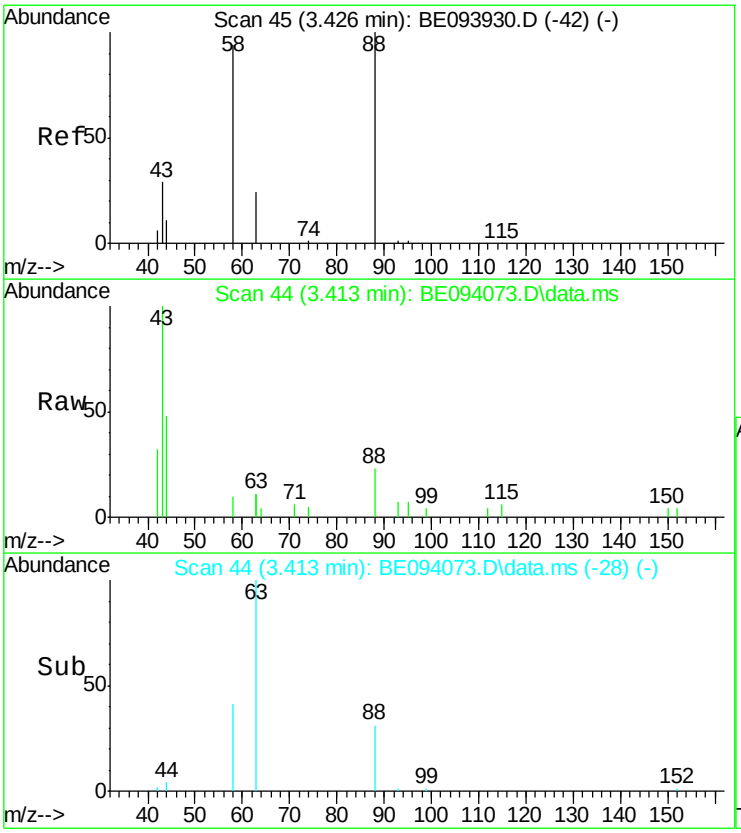
#1
1,4-Dichlorobenzene-d4
Concen: 0.40 ng
RT: 7.908 min Scan# 40
Delta R.T. 0.000 min
Lab File: BE094073.D
Acq: 23 Sep 2017 12:01

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:152 Resp: 720

Ion	Ratio	Lower	Upper
152	100		
150	146.4	121.8	182.6
115	74.1	52.6	79.0

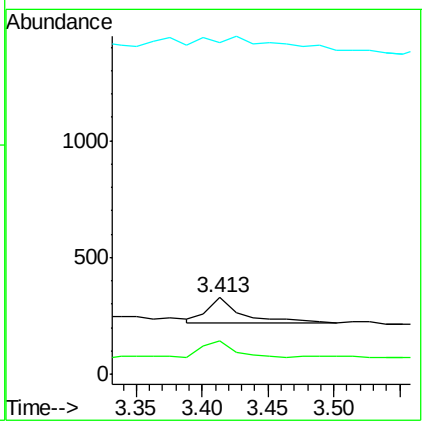


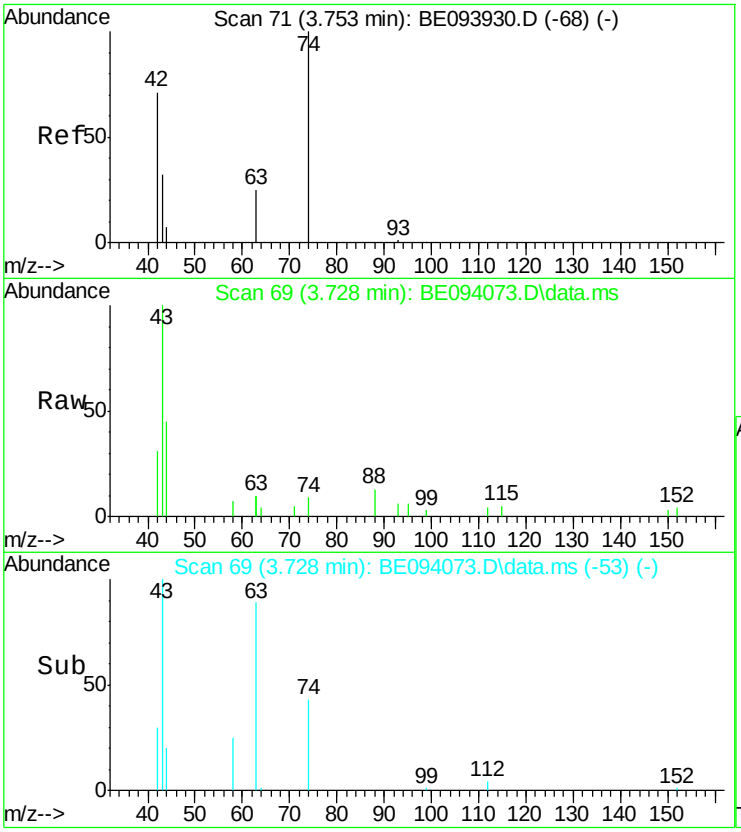


#2
1,4-Dioxane
Concen: 0.19 ng
RT: 3.413 min Scan# 44
Delta R.T. 0.000 min
Lab File: BE094073.D
Acq: 23 Sep 2017 12:01

Tgt Ion: 88 Resp: 190

Ion	Ratio	Lower	Upper
88	100		
58	69.5	65.4	98.0
43	0.0	23.9	35.9#



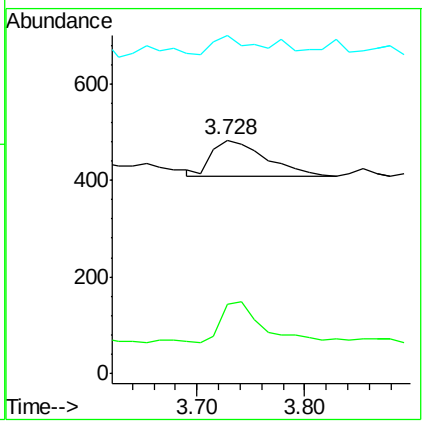


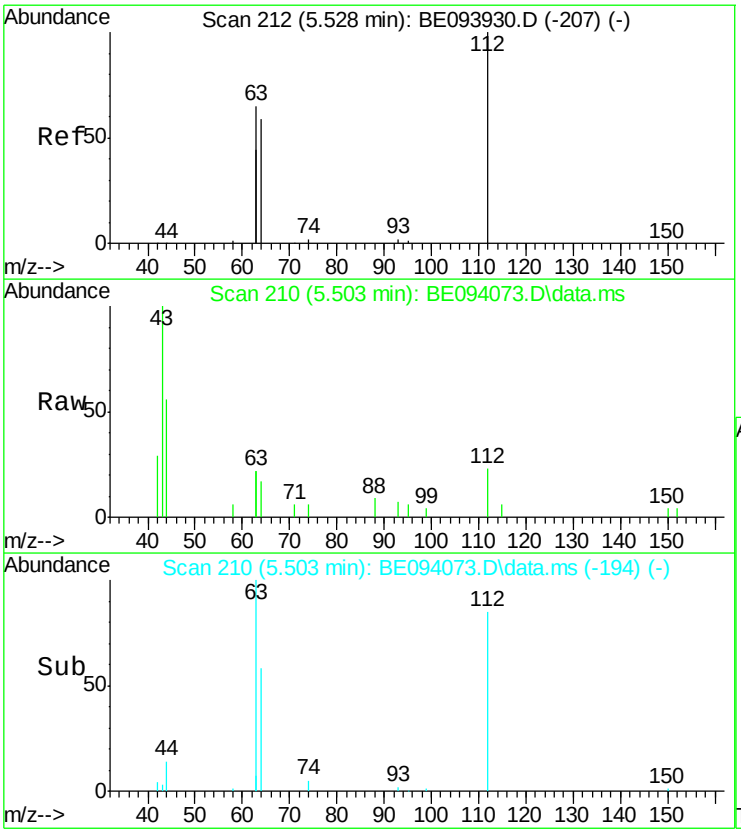
#3
n-Nitrosodimethylamine
Concen: 0.22 ng
RT: 3.728 min Scan# 69
Delta R.T. 0.000 min
Lab File: BE094073.D
Acq: 23 Sep 2017 12:01

Instrument :
BNA_E
ClientSampleId :

Tgt Ion: 42 Resp: 255

Ion	Ratio	Lower	Upper
42	100		
74	86.3	104.0	156.0#
44	35.3	13.8	20.8#

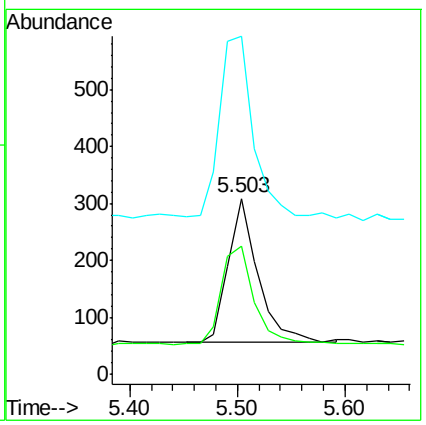


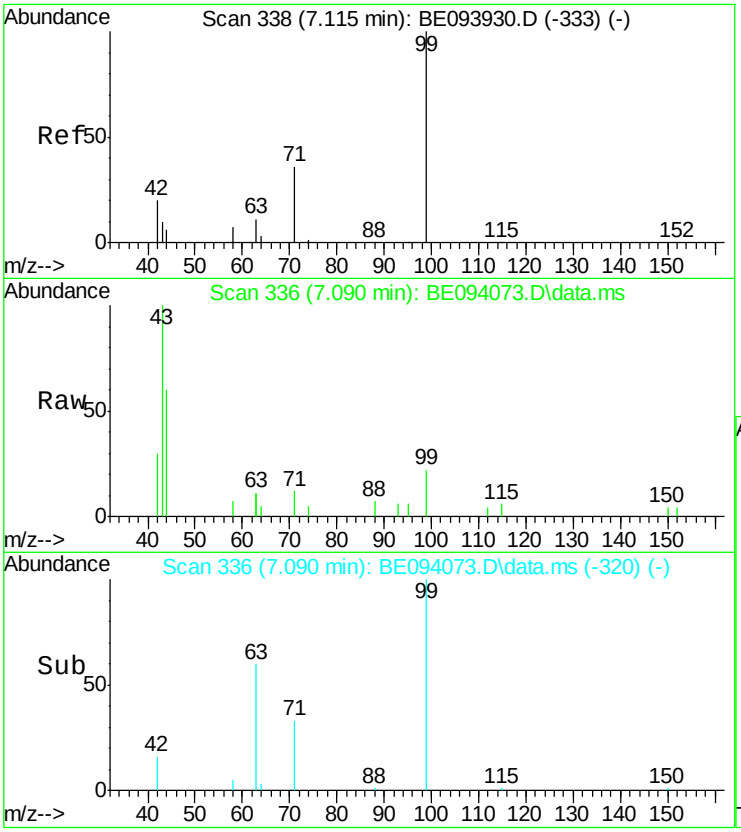


#4
2-Fluorophenol
Concen: 0.21 ng
RT: 5.503 min Scan# 210
Delta R.T. 0.000 min
Lab File: BE094073.D
Acq: 23 Sep 2017 12:01

Tgt Ion:112 Resp: 480

Ion	Ratio	Lower	Upper
112	100		
64	78.1	57.7	86.5
63	159.6	116.0	174.0



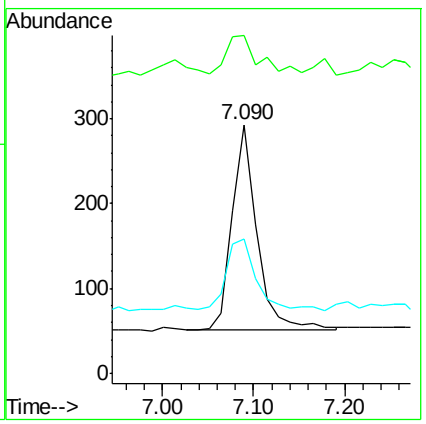


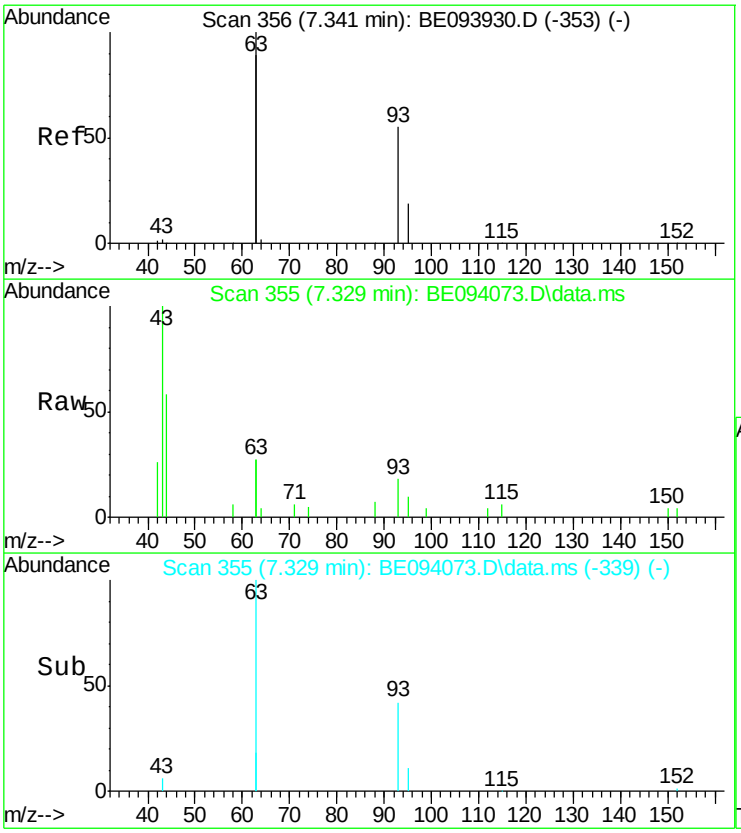
#5
Phenol-d6
Concen: 0.13 ng
RT: 7.090 min Scan# 33
Delta R.T. 0.000 min
Lab File: BE094073.D
Acq: 23 Sep 2017 12:01

Instrument :
BNA_E
ClientSampleId :

Tgt Ion: 99 Resp: 463

Ion	Ratio	Lower	Upper
99	100		
42	23.1	17.1	25.7
71	41.9	26.6	39.8#

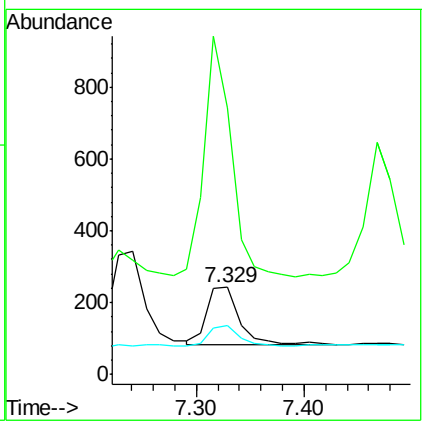


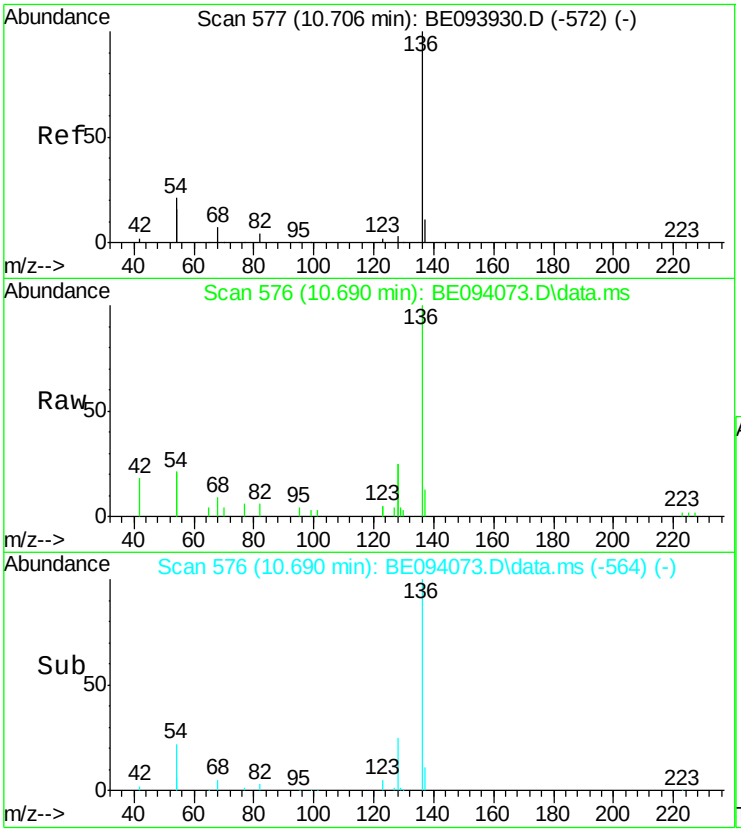


#6
bis(2-Chloroethyl)ether
Concen: 0.12 ng
RT: 7.329 min Scan# 355
Delta R.T. 0.000 min
Lab File: BE094073.D
Acq: 23 Sep 2017 12:01

Tgt Ion: 93 Resp: 335

Ion	Ratio	Lower	Upper
93	100		
63	348.7	283.4	425.2
95	36.1	26.9	40.3



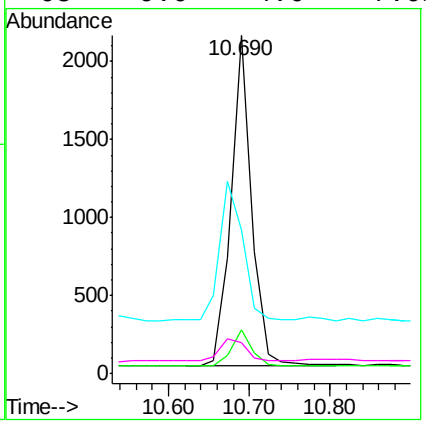


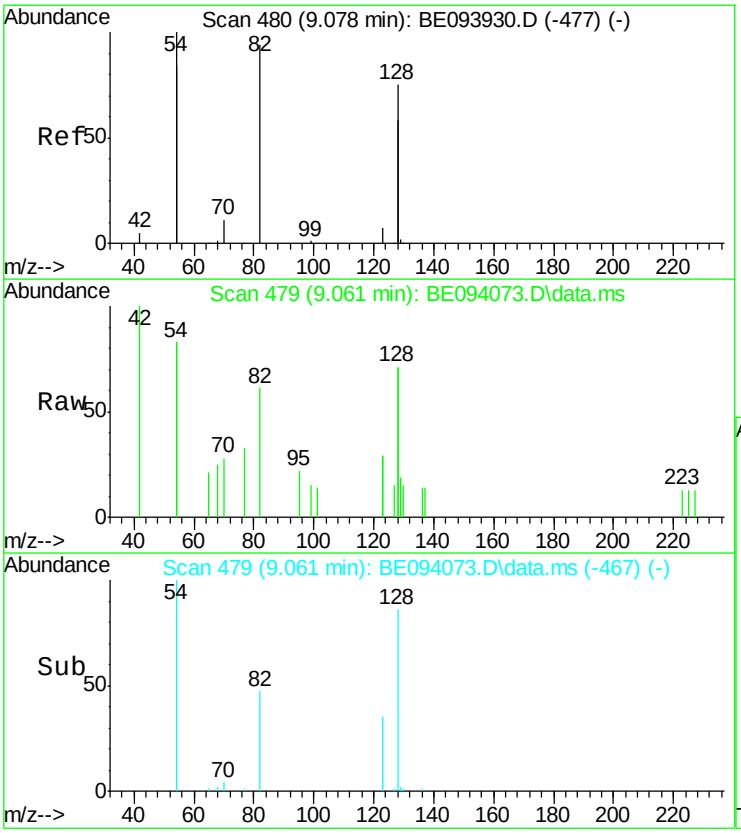
#7
Naphthalene-d8
Concen: 0.40 ng
RT: 10.690 min Scan# 57
Delta R.T. -0.000 min
Lab File: BE094073.D
Acq: 23 Sep 2017 12:01

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:136 Resp: 3750

Ion	Ratio	Lower	Upper
136	100		
137	12.8	9.2	13.8
54	42.5	21.9	32.9#
68	9.0	4.6	7.0#

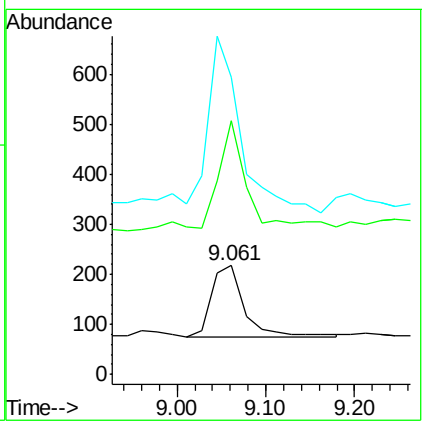


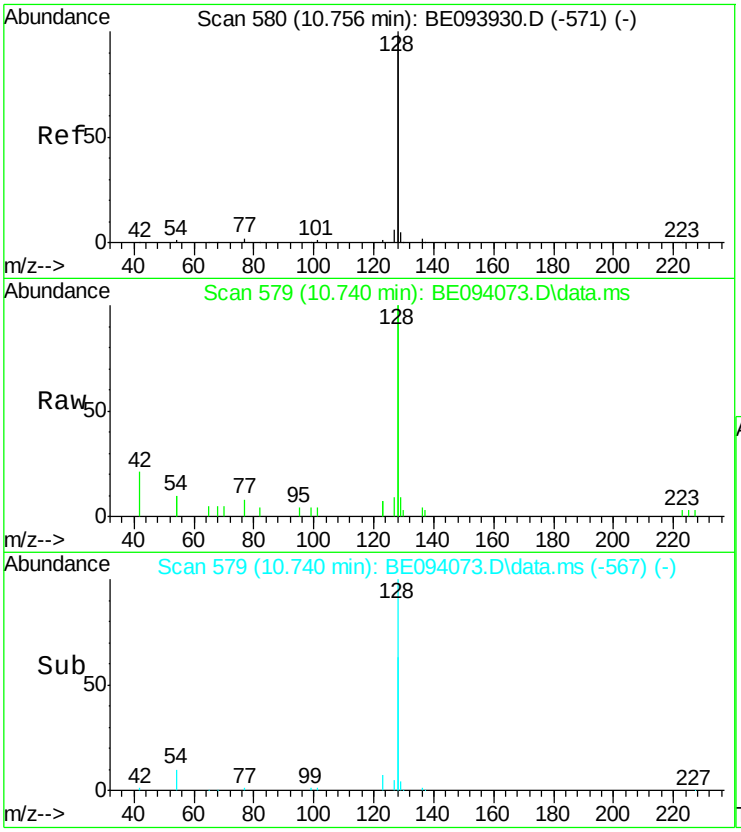


#8
Nitrobenzene-d5
Concen: 0.12 ng
RT: 9.061 min Scan# 479
Delta R.T. -0.000 min
Lab File: BE094073.D
Acq: 23 Sep 2017 12:01

Tgt Ion: 82 Resp: 370

Ion	Ratio	Lower	Upper
82	100		
128	234.1	91.4	137.0#
54	273.7	197.8	296.8



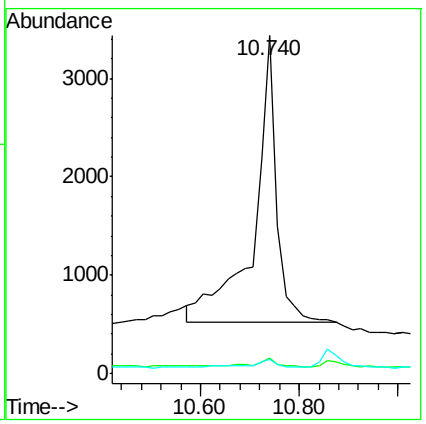


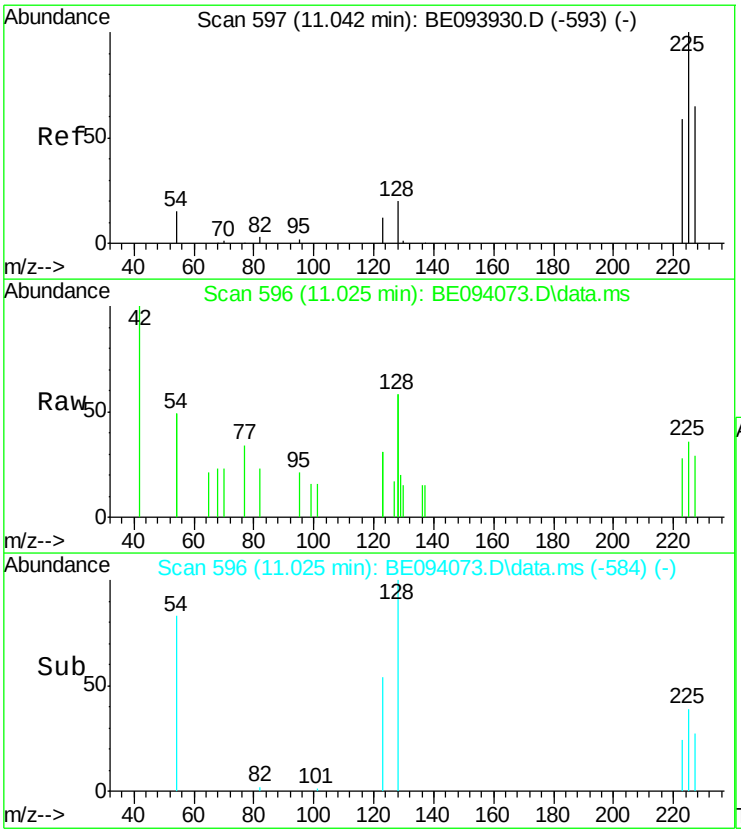
#9
Naphthalene
Concen: 0.22 ng
RT: 10.740 min Scan# 57
Delta R.T. -0.000 min
Lab File: BE094073.D
Acq: 23 Sep 2017 12:01

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:128 Resp: 9427

Ion	Ratio	Lower	Upper
128	100		
129	4.5	2.5	3.7#
127	4.3	2.6	4.0#

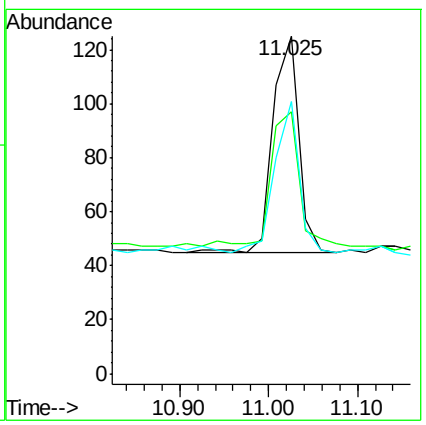


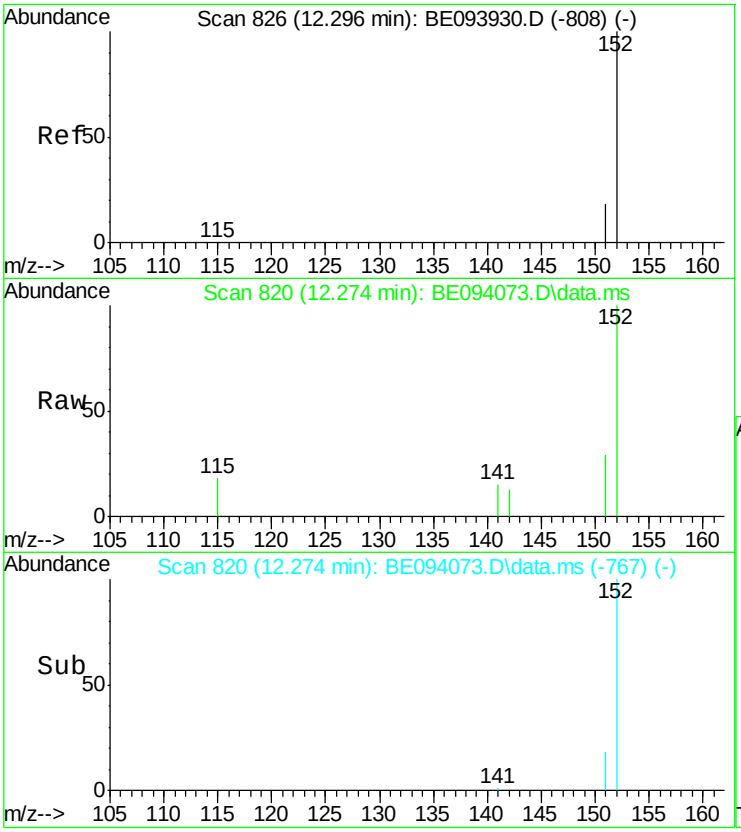


#10
Hexachlorobutadiene
Concen: 0.10 ng
RT: 11.025 min Scan# 596
Delta R.T. -0.000 min
Lab File: BE094073.D
Acq: 23 Sep 2017 12:01

Tgt Ion:225 Resp: 164

Ion	Ratio	Lower	Upper
225	100		
223	77.4	49.4	74.0#
227	65.9	50.5	75.7



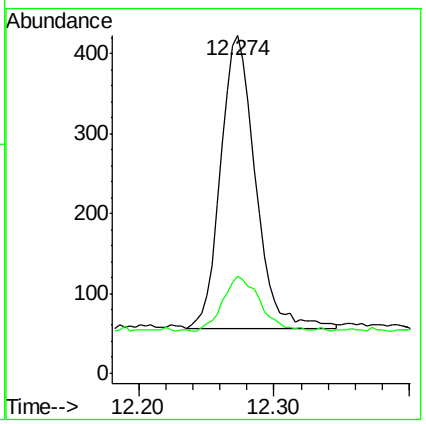


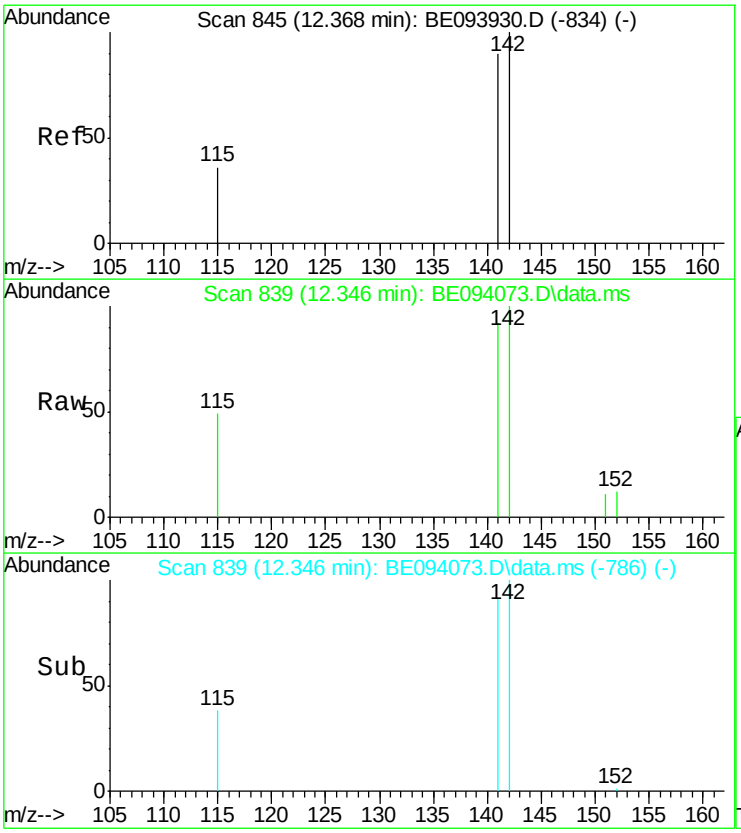
#11
2-Methylnaphthalene-d10
Concen: 0.11 ng
RT: 12.274 min Scan# 82
Delta R.T. 0.000 min
Lab File: BE094073.D
Acq: 23 Sep 2017 12:01

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:152 Resp: 647

Ion	Ratio	Lower	Upper
152	100		
151	20.6	15.4	23.0

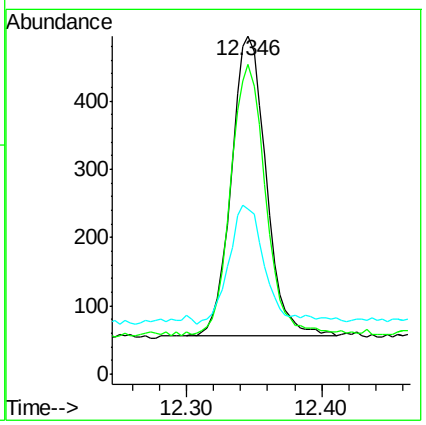


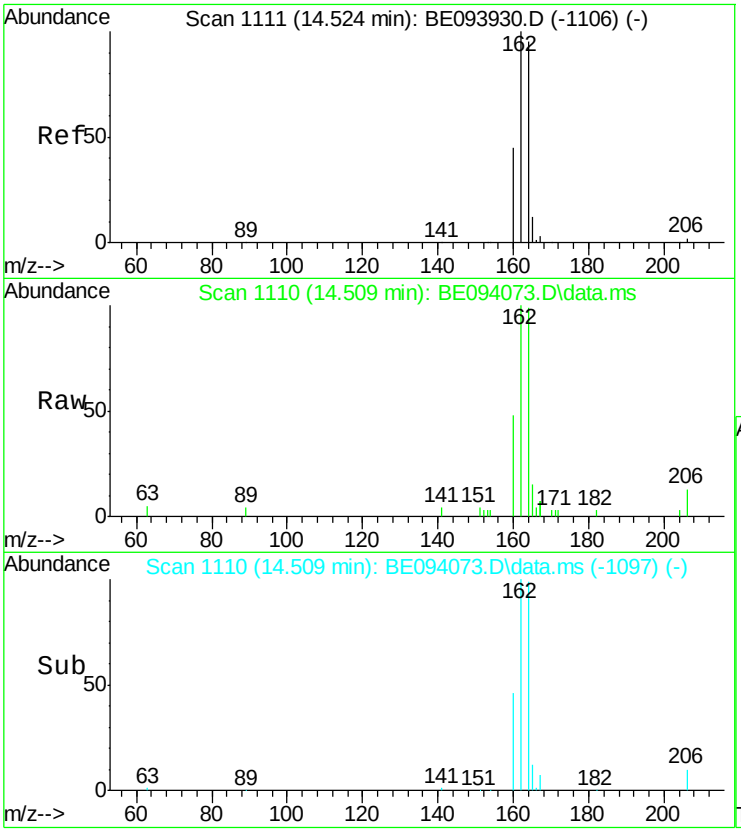


#12
2-Methylnaphthalene
Concen: 0.11 ng
RT: 12.346 min Scan# 839
Delta R.T. 0.000 min
Lab File: BE094073.D
Acq: 23 Sep 2017 12:01

Tgt Ion:142 Resp: 764

Ion	Ratio	Lower	Upper
142	100		
141	91.7	71.4	107.2
115	48.9	29.4	44.0#



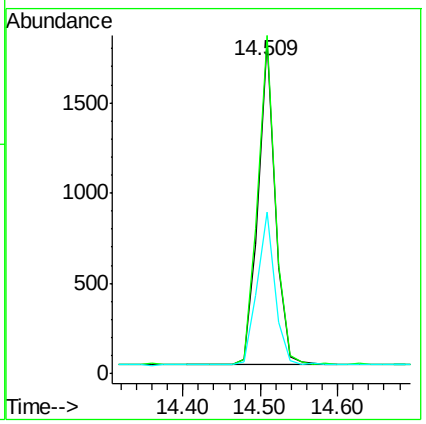


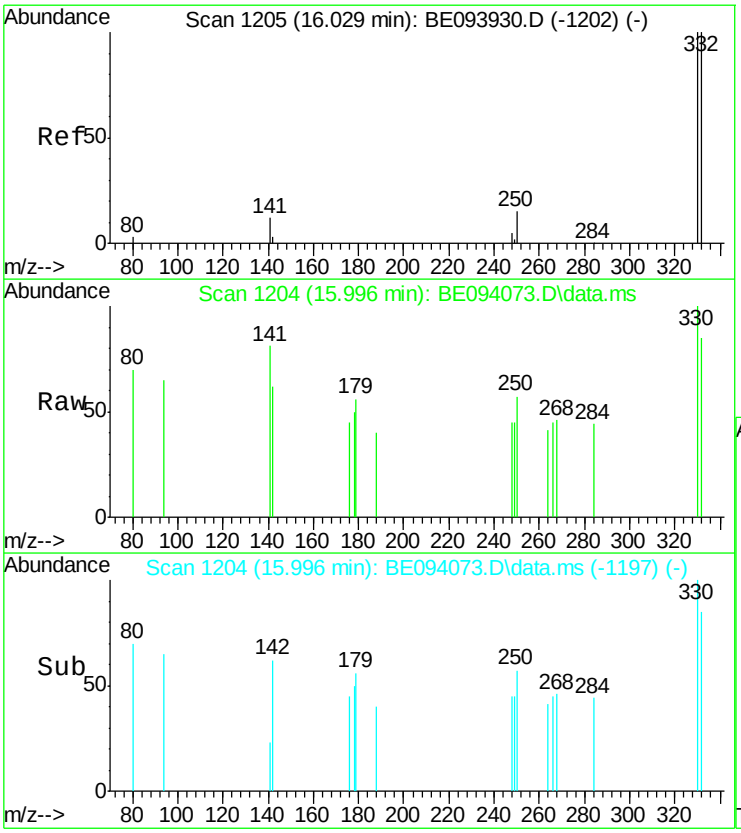
#13
Acenaphthene-d10
Concen: 0.40 ng
RT: 14.509 min Scan# 11
Delta R.T. -0.000 min
Lab File: BE094073.D
Acq: 23 Sep 2017 12:01

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:164 Resp: 2770

Ion	Ratio	Lower	Upper
164	100		
162	101.4	80.8	121.2
160	48.3	37.0	55.4

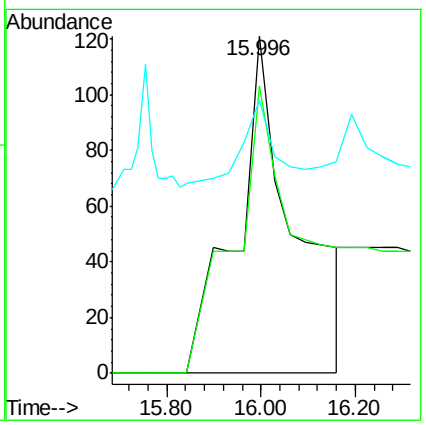


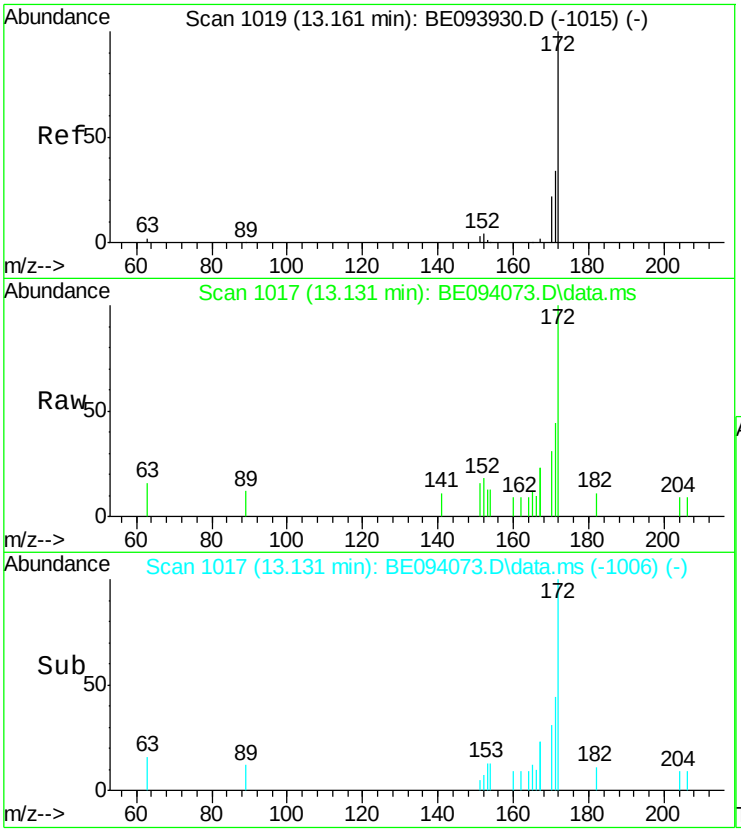


#14
2,4,6-Tribromophenol
Concen: 1.26 ng
RT: 15.996 min Scan# 1204
Delta R.T. 0.000 min
Lab File: BE094073.D
Acq: 23 Sep 2017 12:01

Tgt Ion:330 Resp: 1078

Ion	Ratio	Lower	Upper
330	100		
332	96.9	76.9	115.3
141	14.8	0.0	0.0#



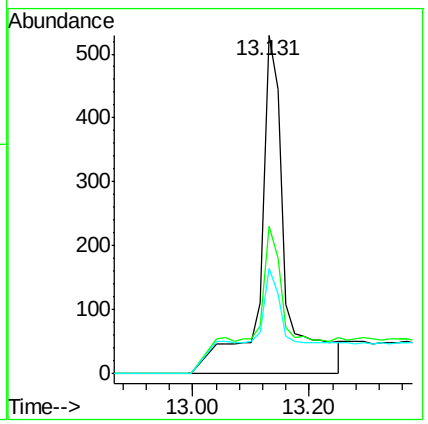


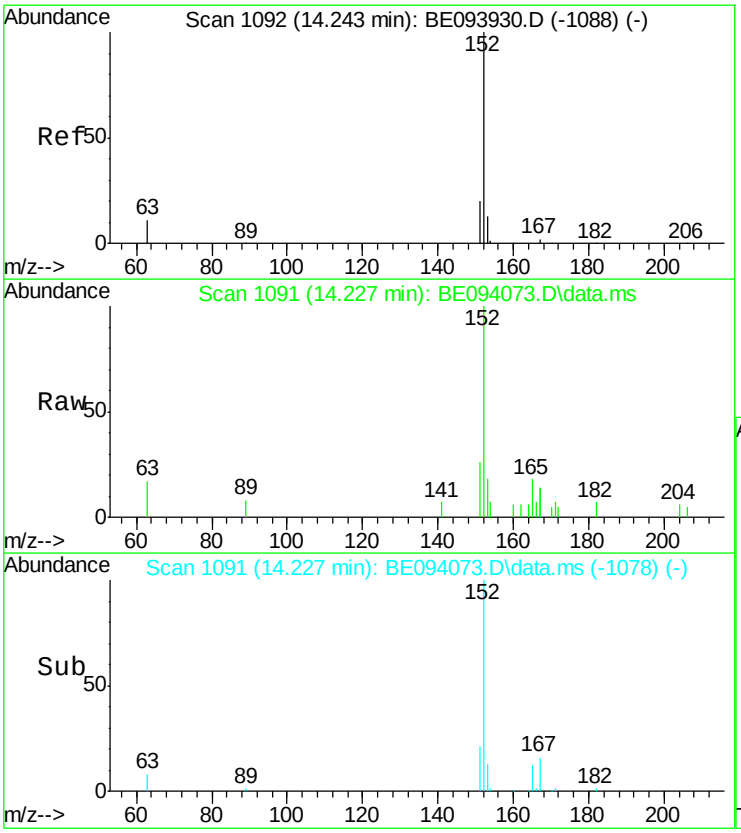
#15
2-Fluorobiphenyl
Concen: 0.15 ng
RT: 13.131 min Scan# 10
Delta R.T. -0.000 min
Lab File: BE094073.D
Acq: 23 Sep 2017 12:01

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:172 Resp: 1679

Ion	Ratio	Lower	Upper
172	100		
171	43.7	26.9	40.3#
170	31.2	17.3	25.9#

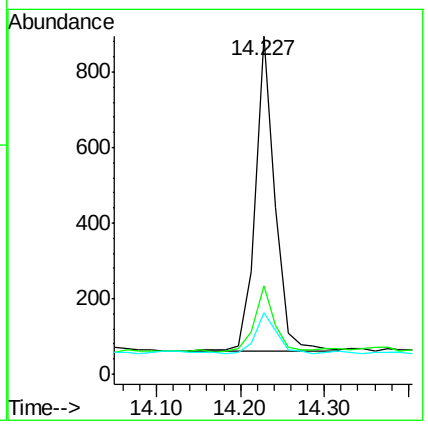


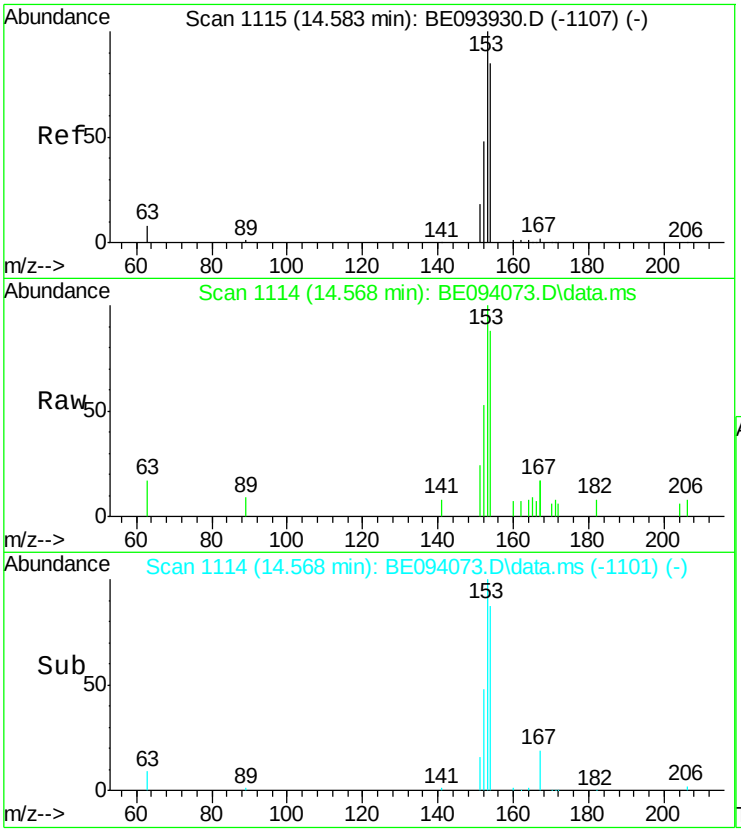


#16
Acenaphthylene
Concen: 0.10 ng
RT: 14.227 min Scan# 1091
Delta R.T. -0.000 min
Lab File: BE094073.D
Acq: 23 Sep 2017 12:01

Tgt Ion:152 Resp: 1367

Ion	Ratio	Lower	Upper
152	100		
151	21.7	15.7	23.5
153	13.8	10.6	16.0



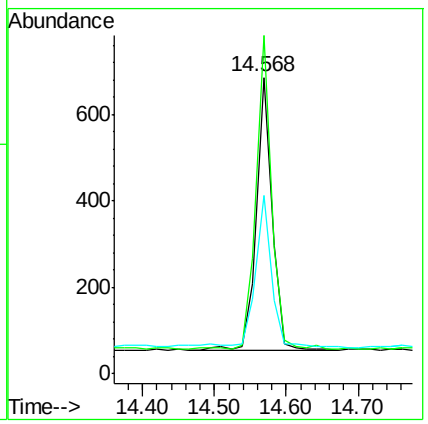


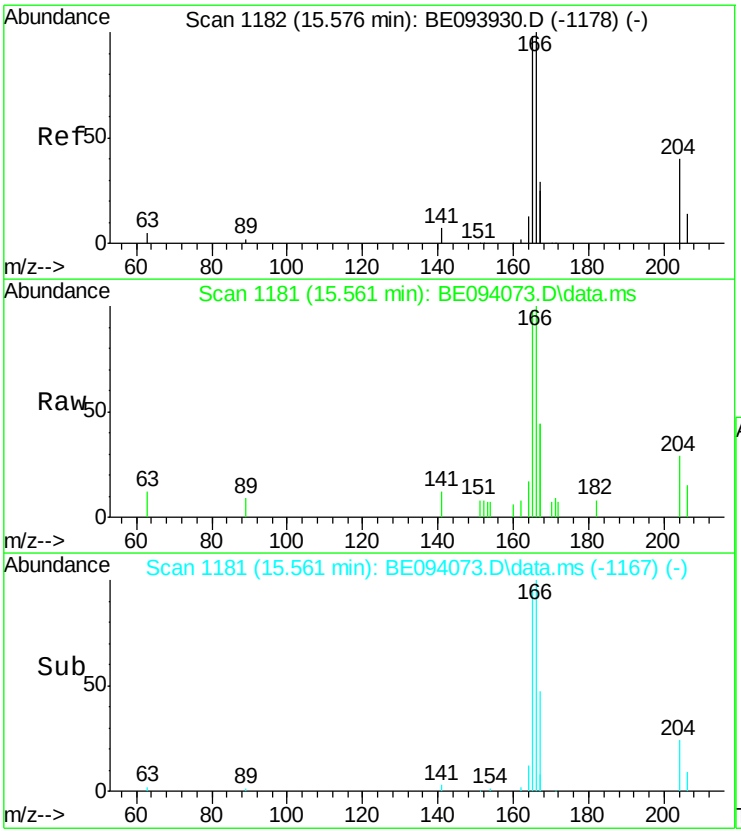
#17
Acenaphthene
Concen: 0.10 ng
RT: 14.568 min Scan# 11
Delta R.T. -0.000 min
Lab File: BE094073.D
Acq: 23 Sep 2017 12:01

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:154 Resp: 965

Ion	Ratio	Lower	Upper
154	100		
153	113.4	91.8	137.6
152	57.7	44.9	67.3

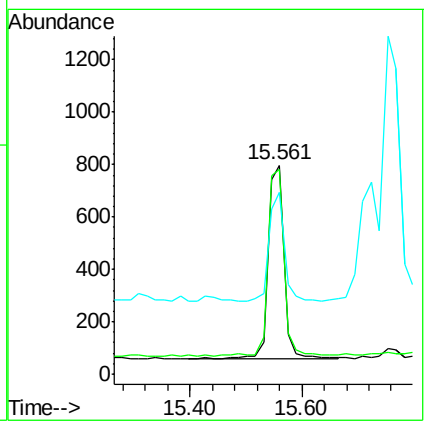


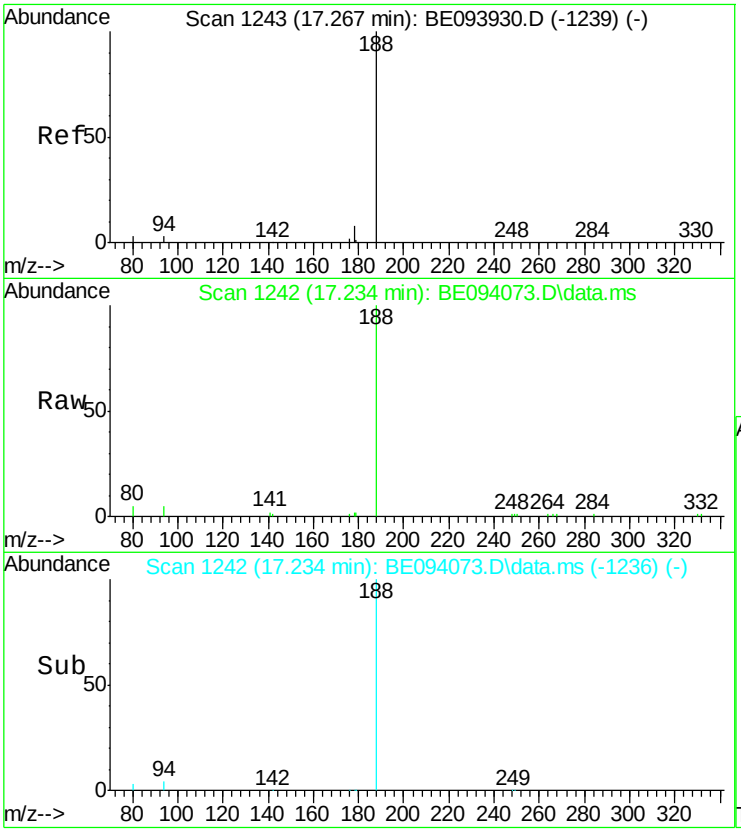


#18
Fluorene
Concen: 0.12 ng
RT: 15.561 min Scan# 1181
Delta R.T. 0.015 min
Lab File: BE094073.D
Acq: 23 Sep 2017 12:01

Tgt Ion:166 Resp: 1496

Ion	Ratio	Lower	Upper
166	100		
165	95.9	79.4	119.0
167	54.2	43.5	65.3



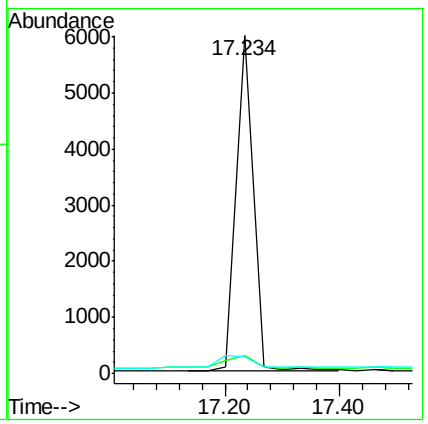


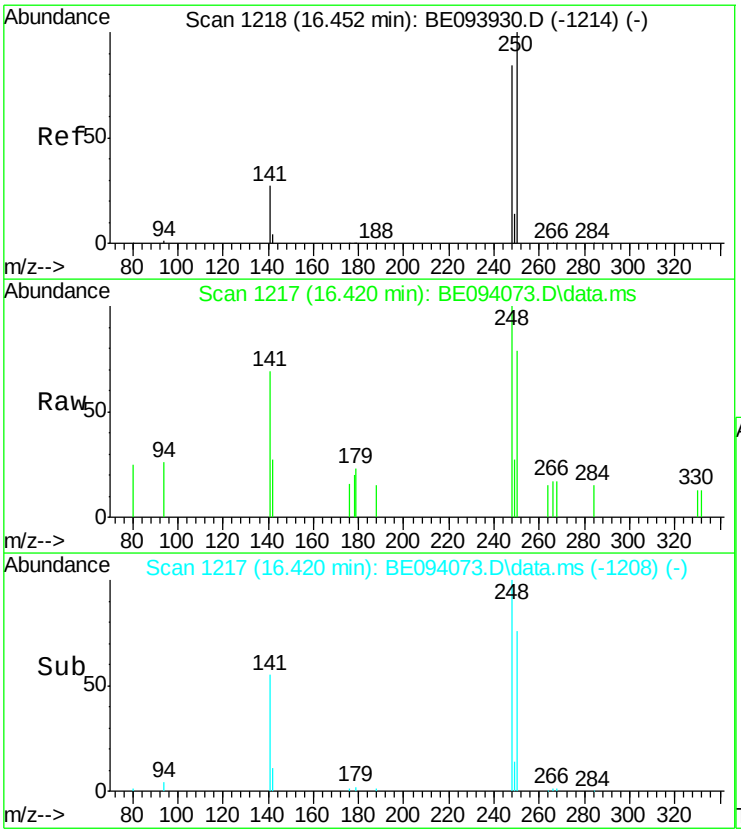
#19
Phenanthrene-d10
Concen: 0.40 ng
RT: 17.234 min Scan# 12
Delta R.T. 0.000 min
Lab File: BE094073.D
Acq: 23 Sep 2017 12:01

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:188 Resp: 12035

Ion	Ratio	Lower	Upper
188	100		
94	5.4	16.1	24.1#
80	4.9	18.2	27.2#

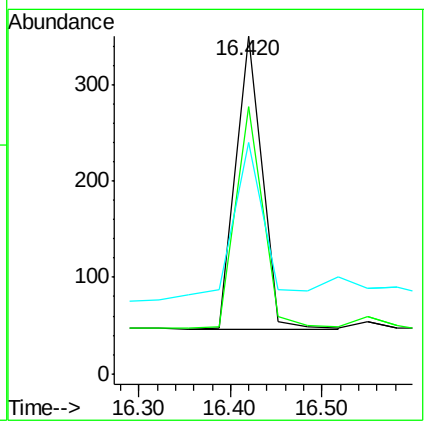


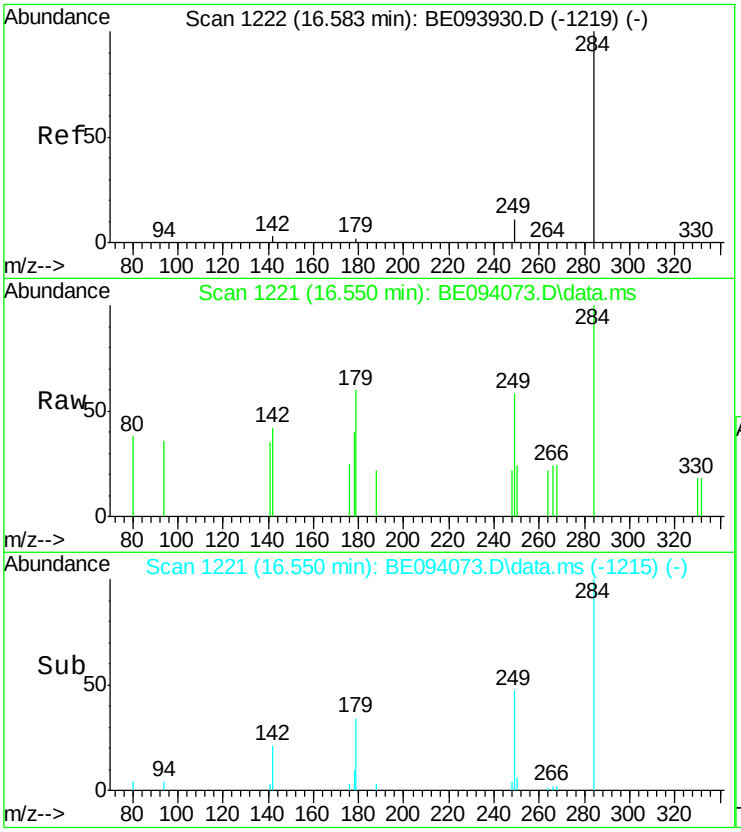


#20
4-Bromophenyl-phenylether
Concen: 0.09 ng
RT: 16.420 min Scan# 1217
Delta R.T. 0.000 min
Lab File: BE094073.D
Acq: 23 Sep 2017 12:01

Tgt Ion:248 Resp: 622

Ion	Ratio	Lower	Upper
248	100		
250	79.1	111.8	167.8#
141	68.6	27.1	40.7#



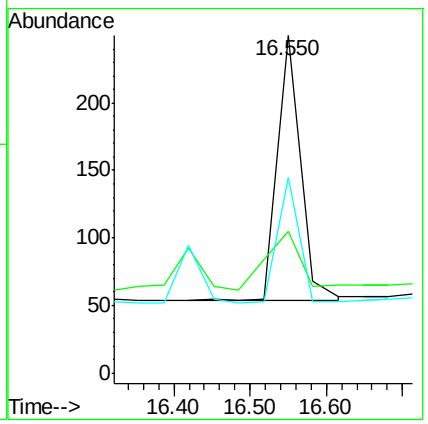


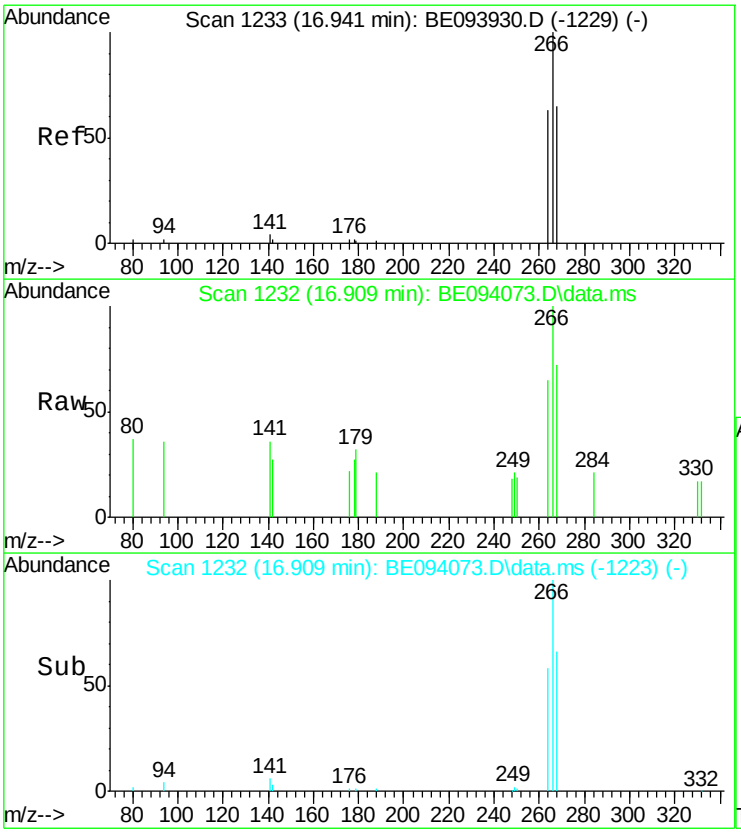
#21
Hexachlorobenzene
Concen: 0.06 ng
RT: 16.550 min Scan# 12
Delta R.T. 0.000 min
Lab File: BE094073.D
Acq: 23 Sep 2017 12:01

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:284 Resp: 421

Ion	Ratio	Lower	Upper
284	100		
142	32.5	0.0	0.0#
249	44.2	0.0	0.0#

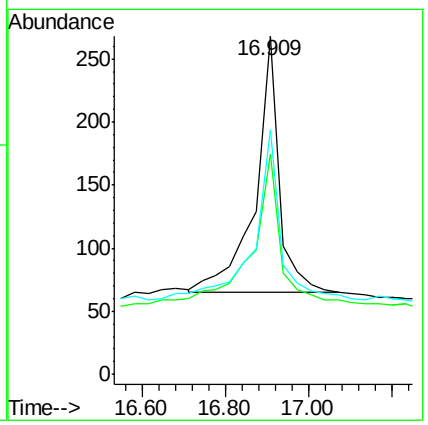


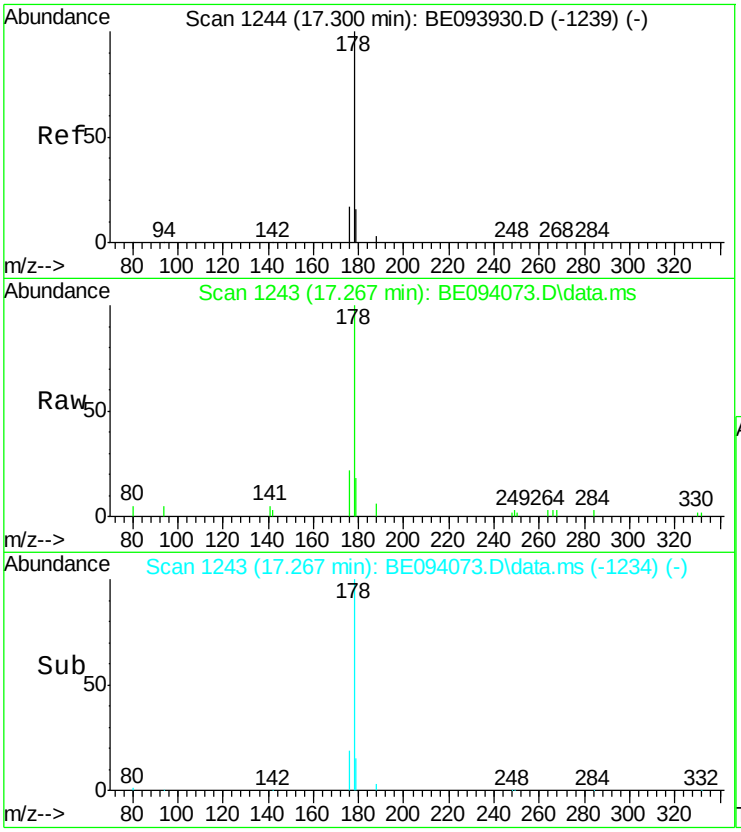


#22
Pentachlorophenol
Concen: 0.43 ng
RT: 16.909 min Scan# 1232
Delta R.T. 0.000 min
Lab File: BE094073.D
Acq: 23 Sep 2017 12:01

Tgt Ion:266 Resp: 812

Ion	Ratio	Lower	Upper
266	100		
264	65.3	53.5	80.3
268	72.4	60.0	90.0



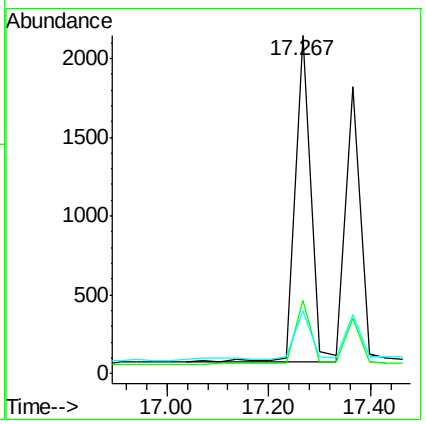


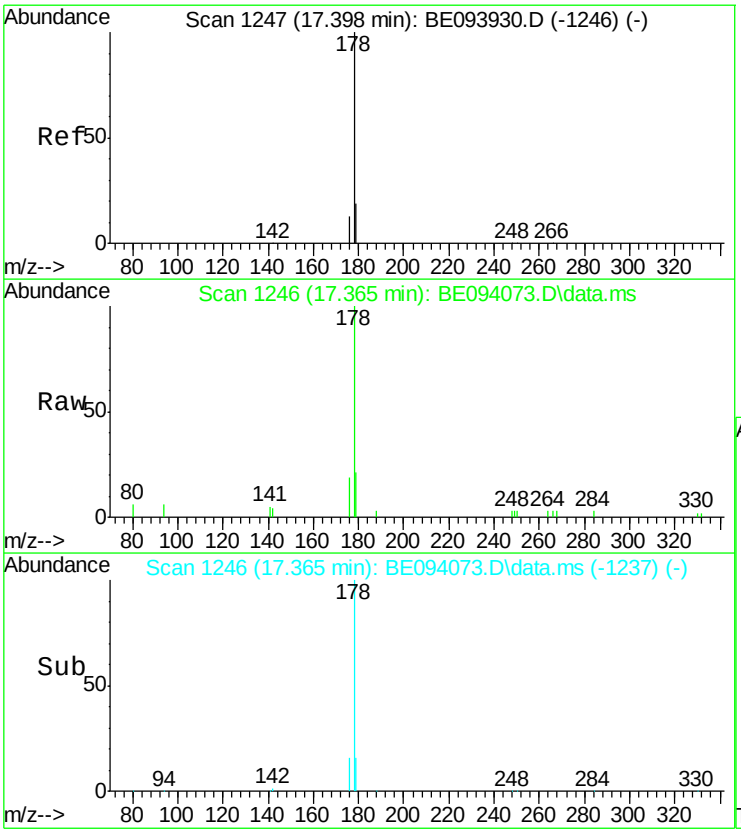
#23
Phenanthrene
Concen: 0.11 ng
RT: 17.267 min Scan# 12
Delta R.T. 0.000 min
Lab File: BE094073.D
Acq: 23 Sep 2017 12:01

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:178 Resp: 4352

Ion	Ratio	Lower	Upper
178	100		
176	19.6	0.0	0.0#
179	15.1	12.6	18.8

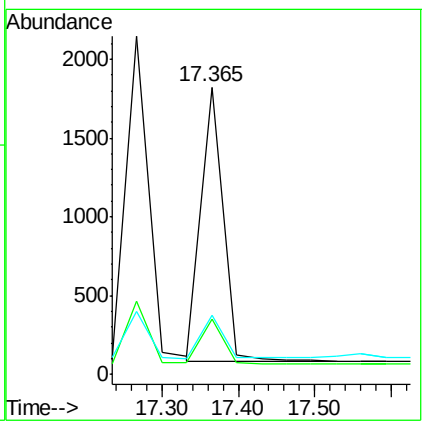


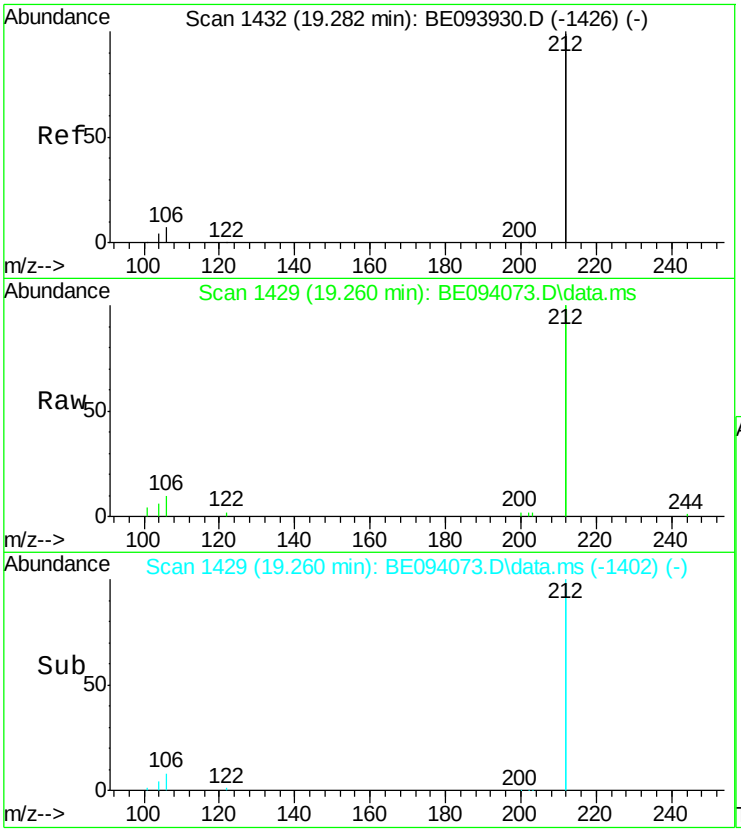


#24
Anthracene
Concen: 0.10 ng
RT: 17.365 min Scan# 1246
Delta R.T. 0.000 min
Lab File: BE094073.D
Acq: 23 Sep 2017 12:01

Tgt Ion:178 Resp: 3526

Ion	Ratio	Lower	Upper
178	100		
176	16.8	16.0	24.0
179	16.5	0.0	0.0#



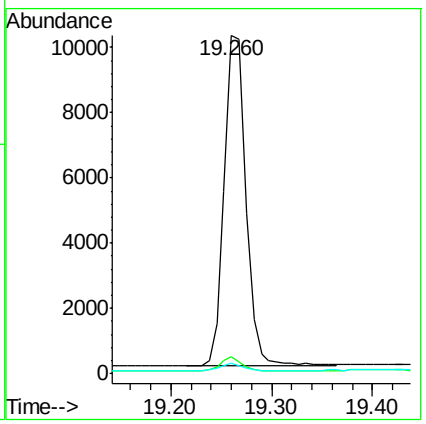


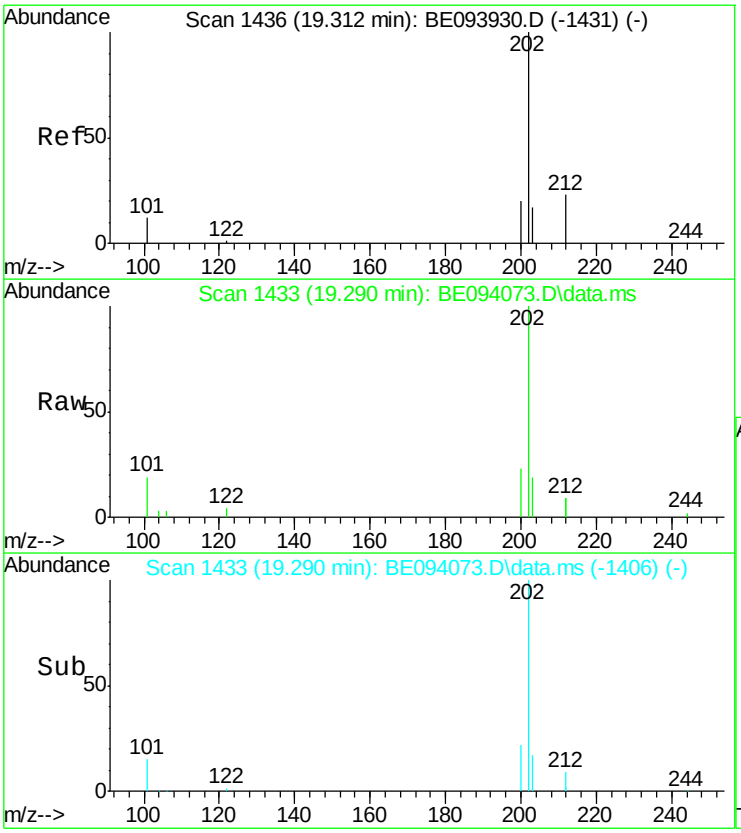
#25
Fluoranthene-d10
Concen: 0.08 ng
RT: 19.260 min Scan# 14
Delta R.T. 0.000 min
Lab File: BE094073.D
Acq: 23 Sep 2017 12:01

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:212 Resp: 15101

Ion	Ratio	Lower	Upper
212	100		
106	3.6	2.7	4.1
104	1.9	1.6	2.4

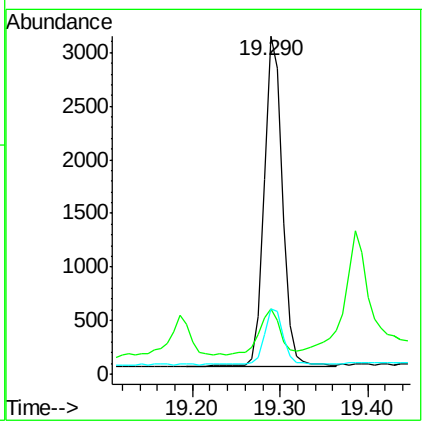


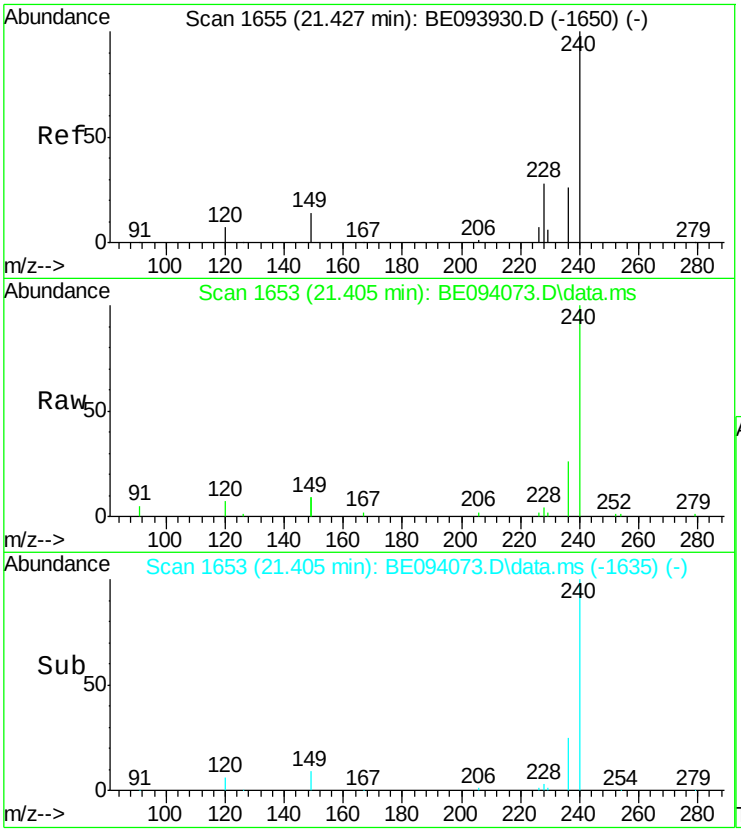


#26
Fluoranthene
Concen: 0.08 ng
RT: 19.290 min Scan# 1433
Delta R.T. 0.000 min
Lab File: BE094073.D
Acq: 23 Sep 2017 12:01

Tgt Ion:202 Resp: 4499

Ion	Ratio	Lower	Upper
202	100		
101	15.8	9.7	14.5#
203	16.9	13.7	20.5



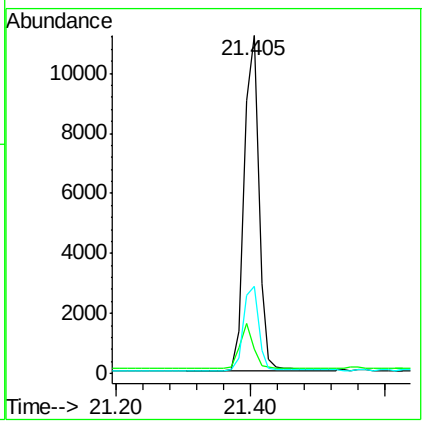


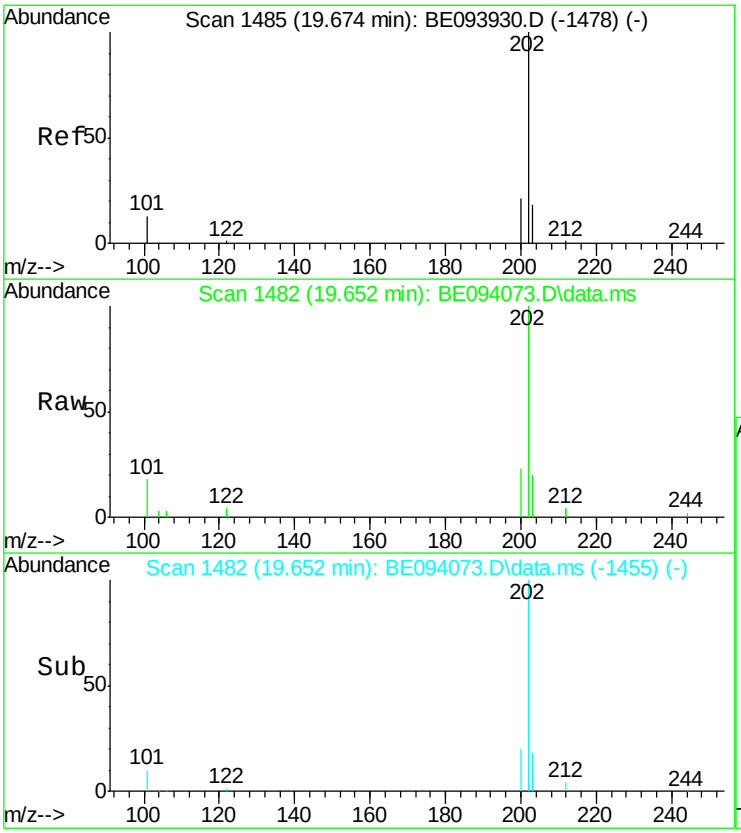
#27
Chrysene-d12
Concen: 0.40 ng
RT: 21.405 min Scan# 16
Delta R.T. 0.000 min
Lab File: BE094073.D
Acq: 23 Sep 2017 12:01

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:240 Resp: 16862

Ion	Ratio	Lower	Upper
240	100		
120	7.3	8.7	13.1#
236	25.8	21.3	31.9

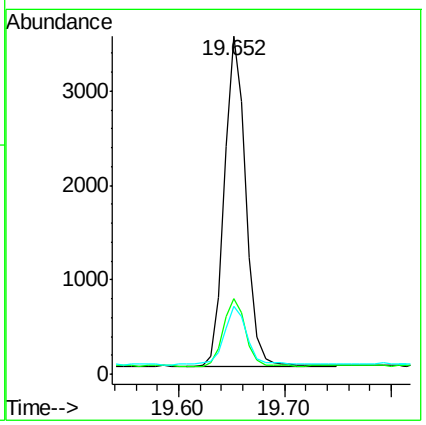


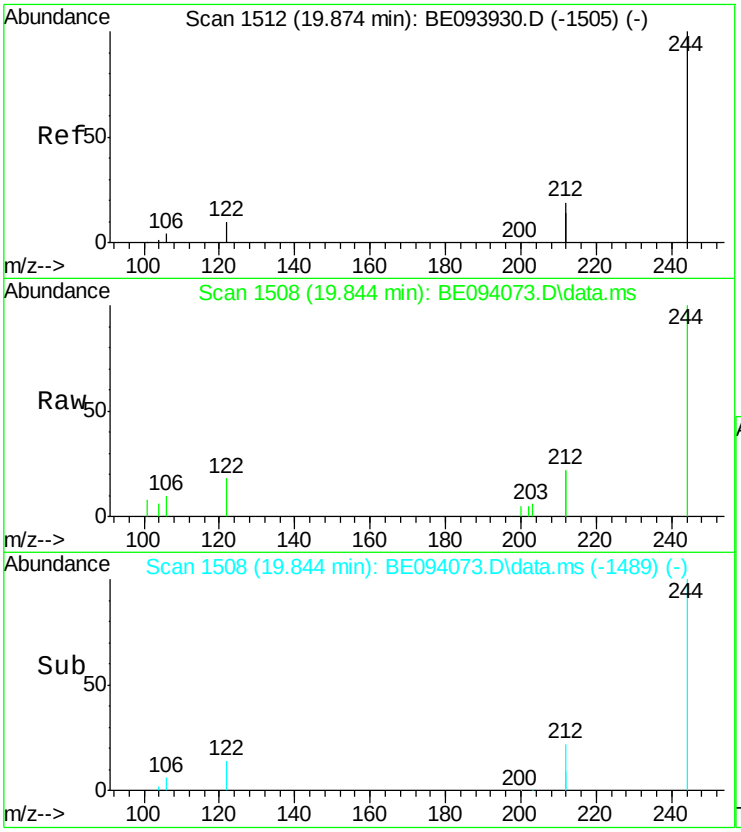


#28
Pyrene
Concen: 0.09 ng
RT: 19.652 min Scan# 1482
Delta R.T. 0.000 min
Lab File: BE094073.D
Acq: 23 Sep 2017 12:01

Tgt Ion:202 Resp: 4959

Ion	Ratio	Lower	Upper
202	100		
200	21.1	16.6	24.8
203	18.8	14.2	21.4



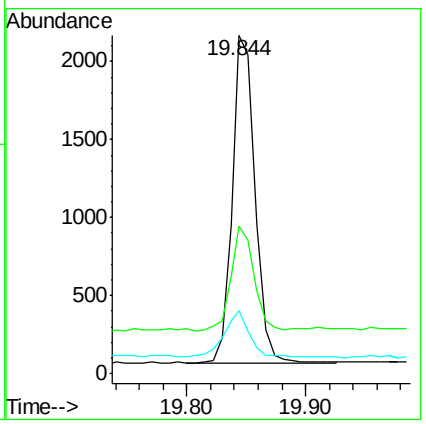


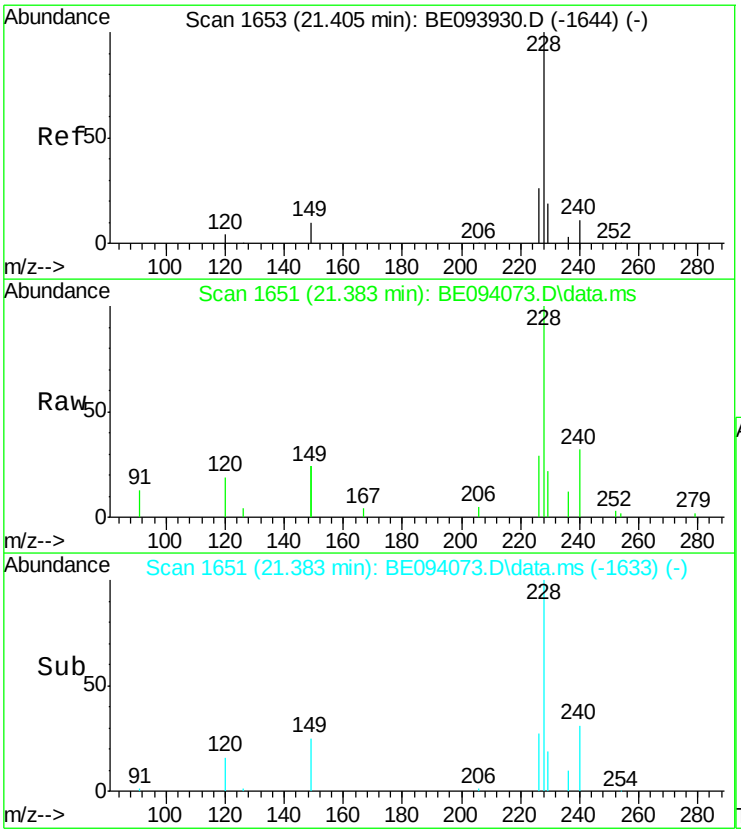
#29
Terphenyl-d14
Concen: 0.09 ng
RT: 19.844 min Scan# 15
Delta R.T. -0.007 min
Lab File: BE094073.D
Acq: 23 Sep 2017 12:01

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:244 Resp: 2822

Ion	Ratio	Lower	Upper
244	100		
212	43.5	28.3	42.5#
122	18.5	9.4	14.0#

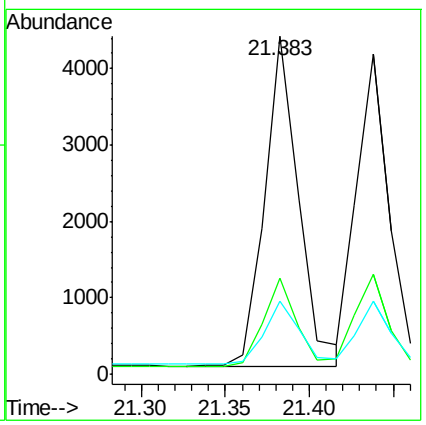


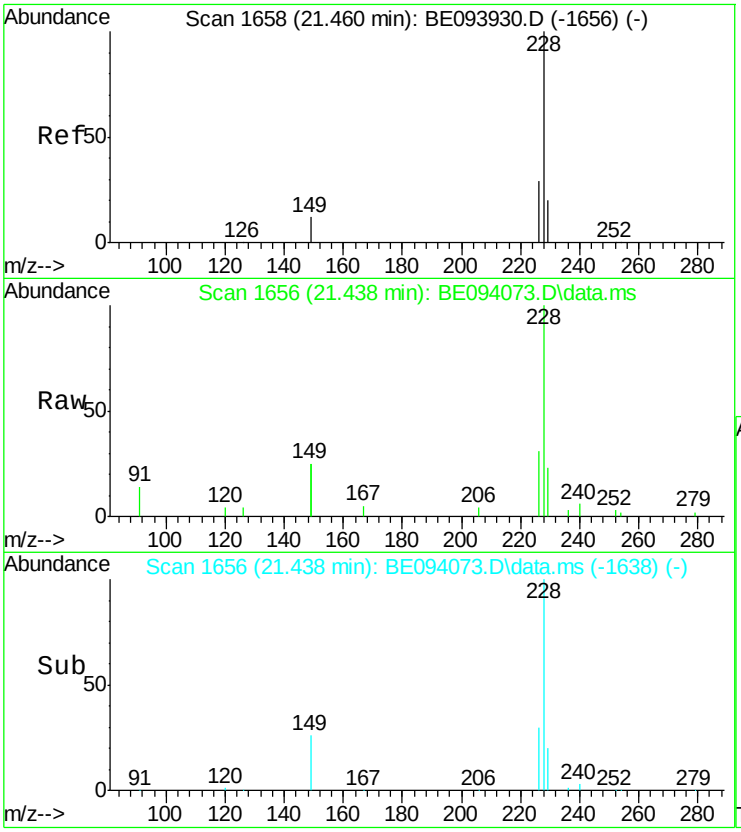


#30
Benzo(a)anthracene
Concen: 0.12 ng
RT: 21.383 min Scan# 1651
Delta R.T. 0.000 min
Lab File: BE094073.D
Acq: 23 Sep 2017 12:01

Tgt Ion:228 Resp: 6037

Ion	Ratio	Lower	Upper
228	100		
226	28.5	20.8	31.2
229	21.8	16.6	25.0



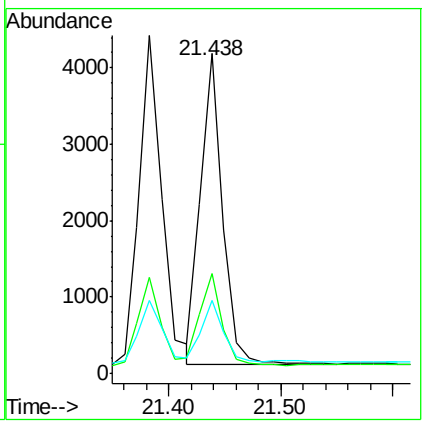


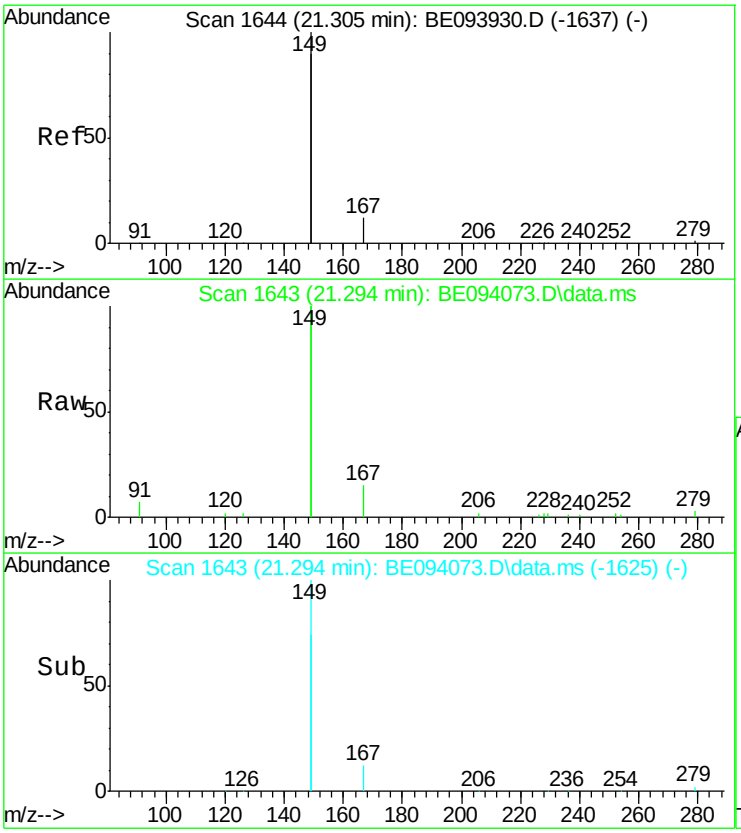
#31
Chrysene
Concen: 0.10 ng
RT: 21.438 min Scan# 16
Delta R.T. 0.000 min
Lab File: BE094073.D
Acq: 23 Sep 2017 12:01

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:228 Resp: 5614

Ion	Ratio	Lower	Upper
228	100		
226	31.2	24.6	37.0
229	22.7	15.8	23.8

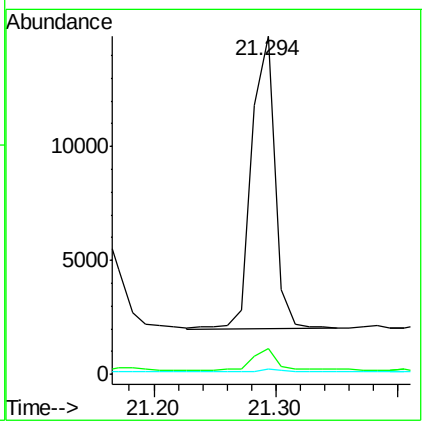


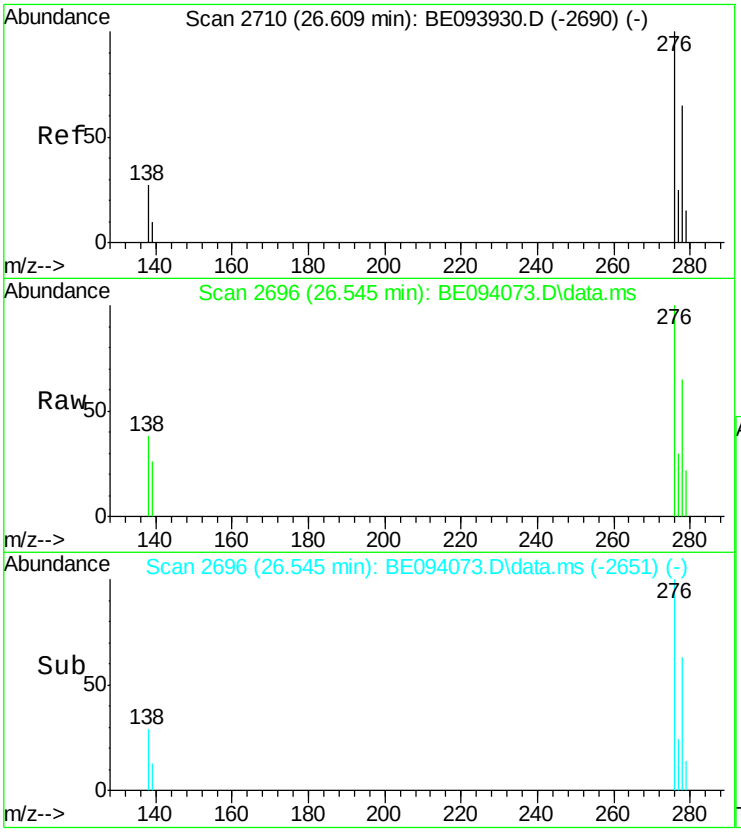


#32
Bis(2-ethylhexyl)phthalate
Concen: 0.14 ng
RT: 21.294 min Scan# 1643
Delta R.T. 0.000 min
Lab File: BE094073.D
Acq: 23 Sep 2017 12:01

Tgt Ion:149 Resp: 17188

Ion	Ratio	Lower	Upper
149	100		
167	6.8	5.4	8.0
279	1.0	0.7	1.1



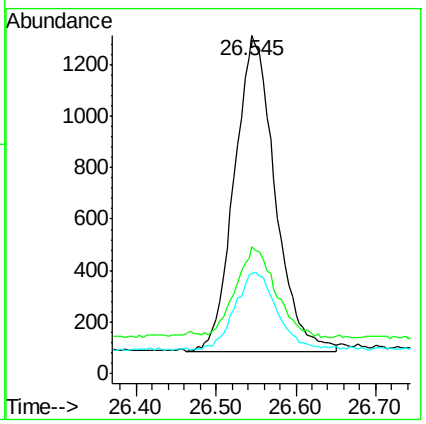


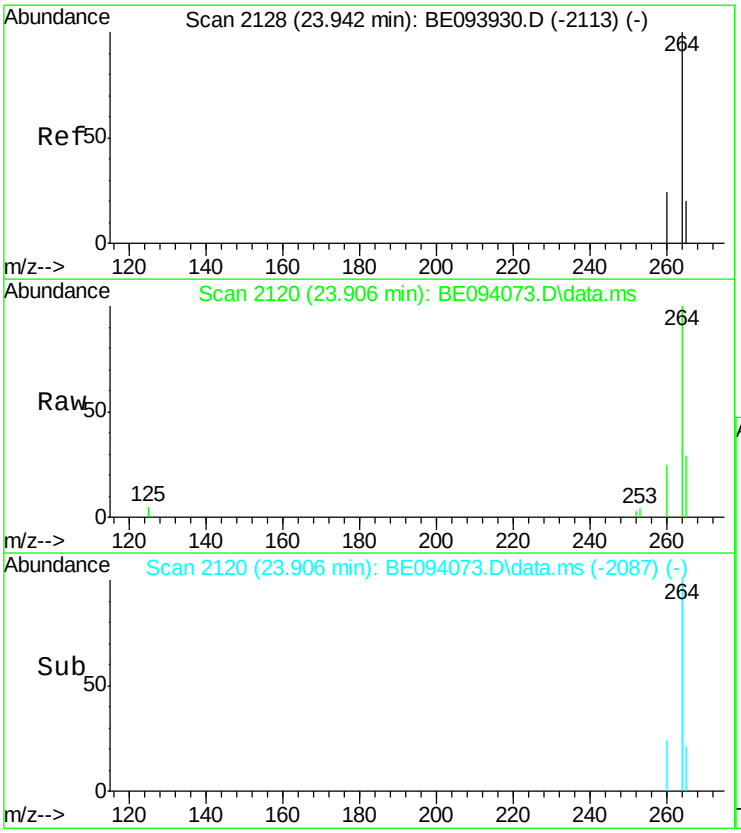
#33
Indeno(1,2,3-cd)pyrene
Concen: 0.12 ng
RT: 26.545 min Scan# 26
Delta R.T. 0.005 min
Lab File: BE094073.D
Acq: 23 Sep 2017 12:01

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:276 Resp: 4325

Ion	Ratio	Lower	Upper
276	100		
138	28.3	22.2	33.2
277	26.4	19.5	29.3

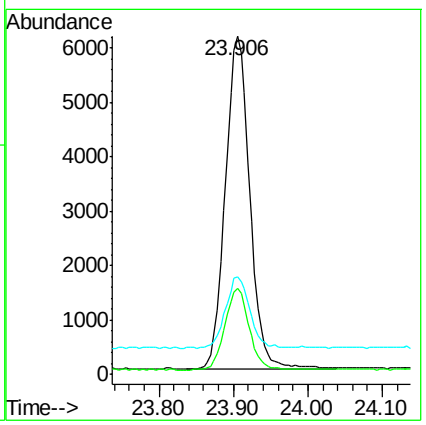


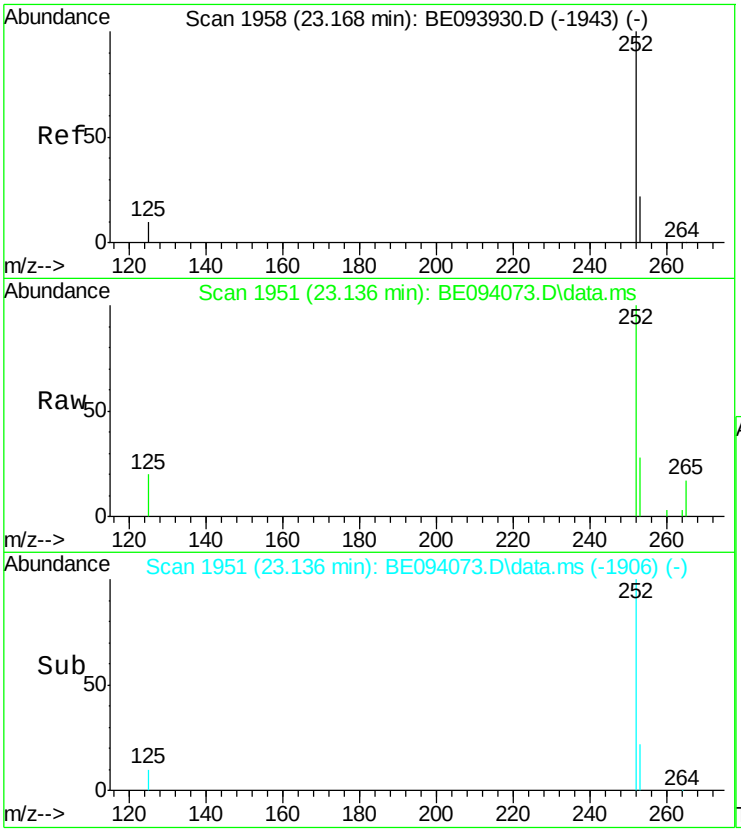


#34
Perylene-d12
Concen: 0.40 ng
RT: 23.906 min Scan# 2120
Delta R.T. -0.000 min
Lab File: BE094073.D
Acq: 23 Sep 2017 12:01

Tgt Ion:264 Resp: 13846

Ion	Ratio	Lower	Upper
264	100		
260	25.3	20.0	30.0
265	28.7	24.0	36.0



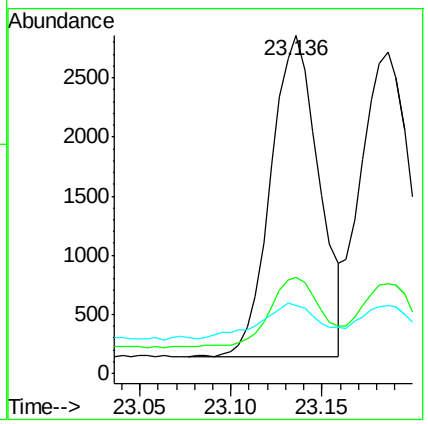


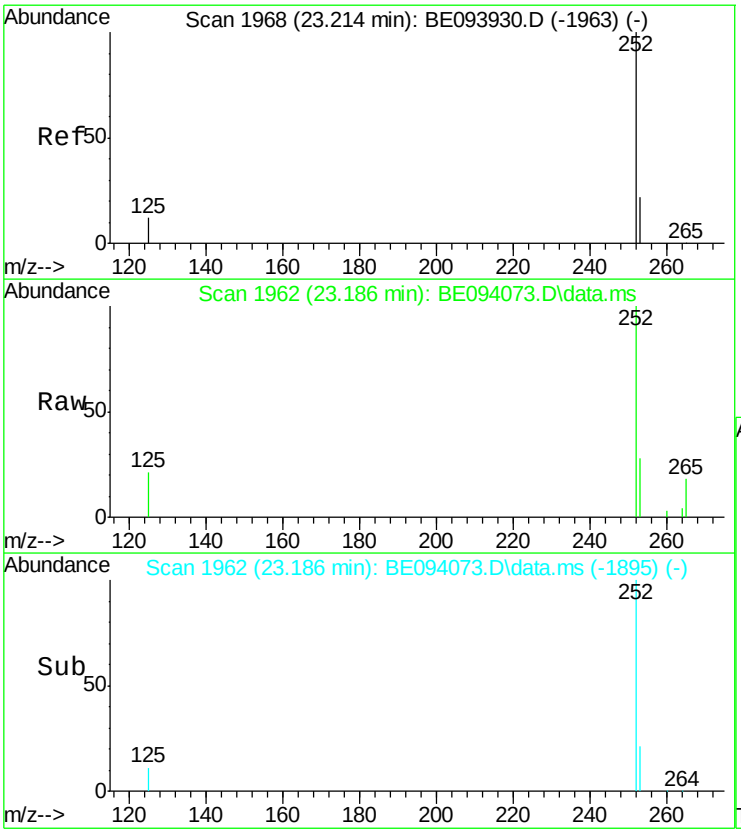
#35
Benzo(b)fluoranthene
Concen: 0.11 ng
RT: 23.136 min Scan# 19
Delta R.T. 0.004 min
Lab File: BE094073.D
Acq: 23 Sep 2017 12:01

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:252 Resp: 5022

Ion	Ratio	Lower	Upper
252	100		
253	28.3	19.4	29.0
125	20.3	10.0	15.0#

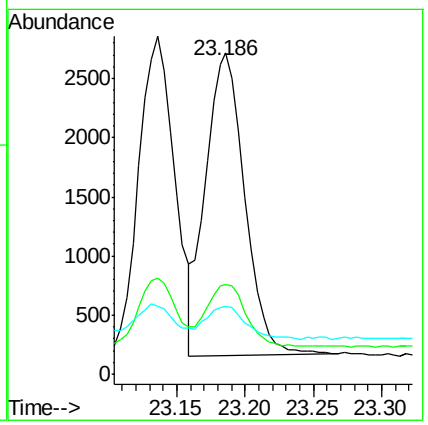


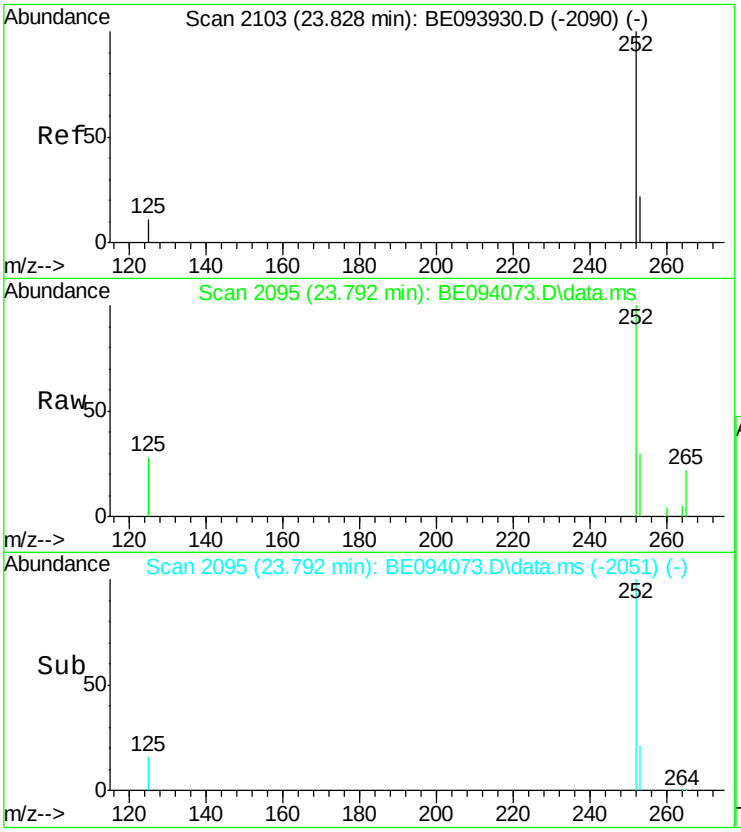


#36
Benzo(k)fluoranthene
Concen: 0.09 ng
RT: 23.186 min Scan# 1962
Delta R.T. 0.004 min
Lab File: BE094073.D
Acq: 23 Sep 2017 12:01

Tgt Ion:252 Resp: 5092

Ion	Ratio	Lower	Upper
252	100		
253	28.0	18.1	27.1#
125	21.0	9.8	14.6#



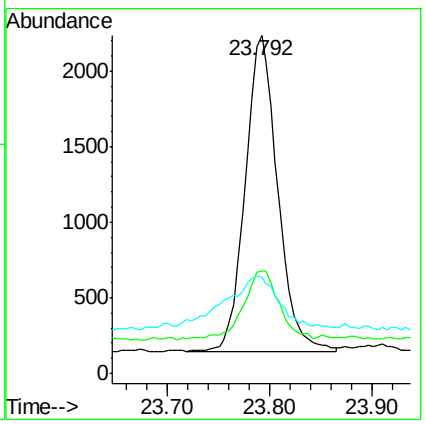


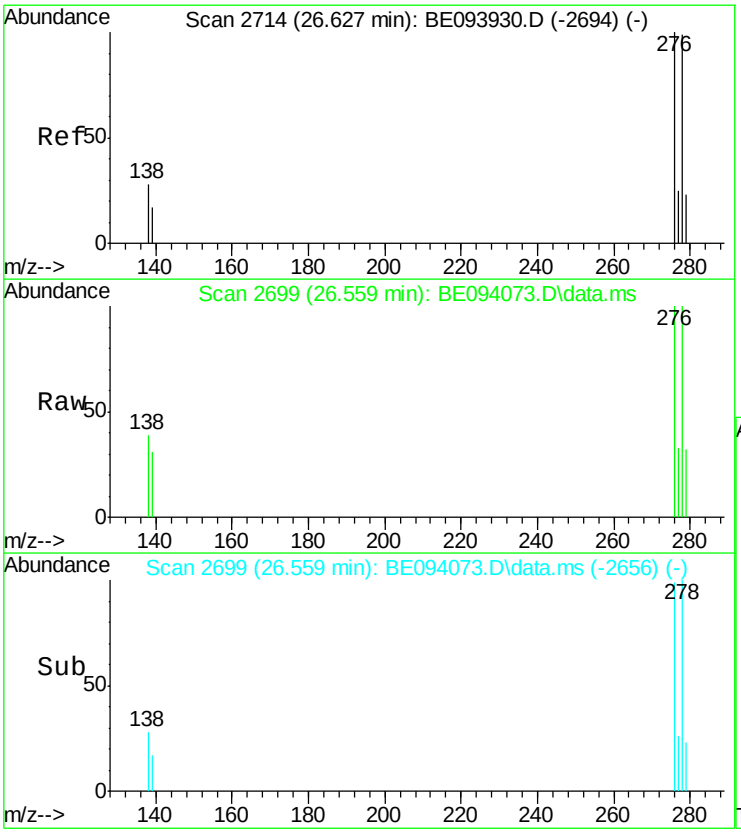
#37
Benzo(a)pyrene
Concen: 0.10 ng
RT: 23.792 min Scan# 20
Delta R.T. -0.000 min
Lab File: BE094073.D
Acq: 23 Sep 2017 12:01

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:252 Resp: 4602

Ion	Ratio	Lower	Upper
252	100		
253	30.4	19.6	29.4#
125	28.3	11.8	17.8#

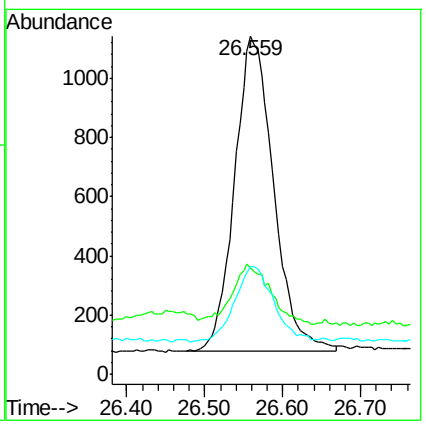


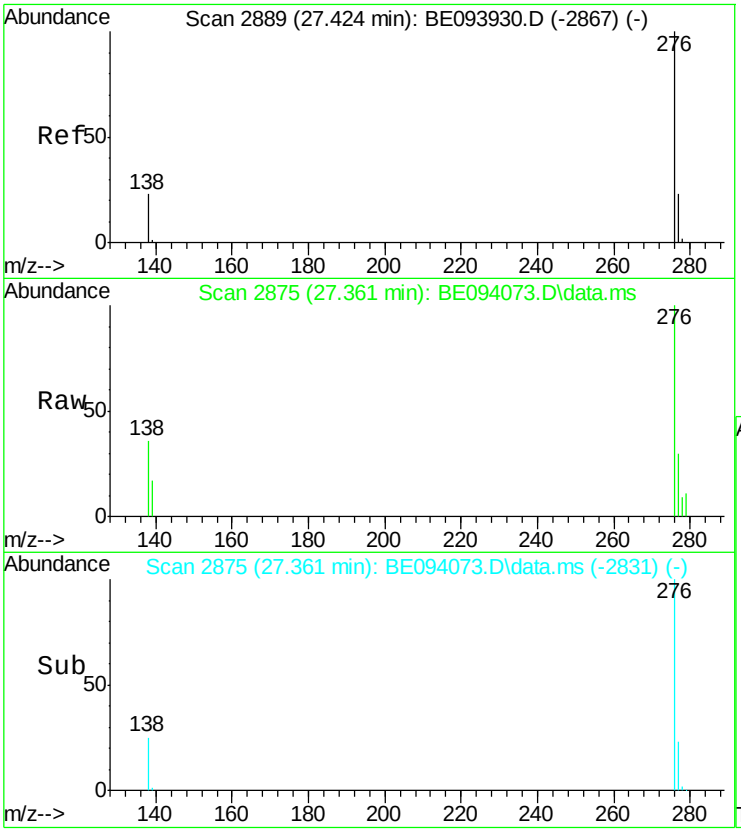


#38
Dibenzo(a,h)anthracene
Concen: 0.12 ng
RT: 26.559 min Scan# 2699
Delta R.T. -0.005 min
Lab File: BE094073.D
Acq: 23 Sep 2017 12:01

Tgt Ion:278 Resp: 3678

Ion	Ratio	Lower	Upper
278	100		
139	31.4	16.7	25.1#
279	31.8	21.6	32.4





#39
Benzo(g,h,i)perylene
Concen: 0.12 ng
RT: 27.361 min Scan# 28
Delta R.T. 0.000 min
Lab File: BE094073.D
Acq: 23 Sep 2017 12:01

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:276 Resp: 3747

Ion	Ratio	Lower	Upper
276	100		
277	29.7	20.6	30.8
138	35.7	21.9	32.9#