Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA E\DATA\BE051517\
Data File : BE093031.D
Acq On : 15 May 2017 12:59
Operator : SJ/MA
Sample : SSTDICV0.4
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument : BNA_E
ClientSampleId :

Quant Time: May 15 13:44:00 2017
Quant Method : Z:\HPCHEM1\BNA E\METHODS\8270-SIM-BE051517.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon May 15 13:35:57 2017
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.75	152	828	0.40	ng		0.00
7) Naphthalene-d8	10.53	136	3511	0.40	ng		0.00
13) Acenaphthene-d10	14.39	164	1722	0.40	ng		0.00
19) Phenanthrene-d10	17.13	188	4162	0.40	ng		0.00
27) Chrysene-d12	21.28	240	4476	0.40	ng		0.00
34) Perylene-d12	23.69	264	3767	0.40	ng		-0.01
System Monitoring Compounds							
4) 2-Fluorophenol	5.35	112	978	0.39	ng		0.00
5) Phenol-d6	6.92	99	1343	0.39	ng		0.00
8) Nitrobenzene-d5	8.88	82	1189	0.39	ng		0.00
11) 2-Methylnaphthalene-d10	12.13	152	2059	0.40	ng		0.02
14) 2,4,6-Tribromophenol	15.88	330	184	0.36	ng		0.00
15) 2-Fluorobiphenyl	13.01	172	2851	0.40	ng		0.00
25) Fluoranthene-d10	19.14	212	4234	0.39	ng		0.00
29) Terphenyl-d14	19.74	244	3333	0.40	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.31	88	642	0.39	ng		98
3) n-Nitrosodimethylamine	3.59	42	586	0.39	ng		97
6) bis(2-Chloroethyl)ether	7.18	93	1111	0.40	ng	#	100
9) Naphthalene	10.58	128	3714	0.40	ng		99
10) Hexachlorobutadiene	10.89	225	483	0.40	ng		99
12) 2-Methylnaphthalene	12.19	142	2299	0.40	ng		98
16) Acenaphthylene	14.10	152	11524	0.38	ng		100
17) Acenaphthene	14.46	154	2178	0.40	ng		96
18) Fluorene	15.43	166	2621	0.39	ng		99
20) 4-Bromophenyl-phenylether	16.36	248	537	0.42	ng		90
21) Hexachlorobenzene	16.47	284	860	0.48	ng	#	100
22) Pentachlorophenol	16.82	266	190	0.38	ng		95
23) Phenanthrene	17.19	178	3943	0.46	ng		99
24) Anthracene	17.28	178	3870	0.46	ng		97
26) Fluoranthene	19.18	202	20847	0.41	ng	#	99
28) Pyrene	19.53	202	21734	0.40	ng	#	95
30) Benzo(a)anthracene	21.32	228	4404	0.36	ng		99
31) Chrysene	21.32	228	5186	0.40	ng		97
32) Bis(2-ethylhexyl)phthalate	21.20	149	1971	0.34	ng		97
33) Indeno(1,2,3-cd)pyrene	26.24	276	19811	0.42	ng		99
35) Benzo(b)fluoranthene	22.95	252	4689	0.39	ng		99
36) Benzo(k)fluoranthene	23.00	252	4860	0.41	ng		96
37) Benzo(a)pyrene	23.59	252	4162	0.38	ng		99
38) Dibenzo(a,h)anthracene	26.27	278	4323	0.43	ng		96
39) Benzo(g,h,i)perylene	27.00	276	17824	0.40	ng		100

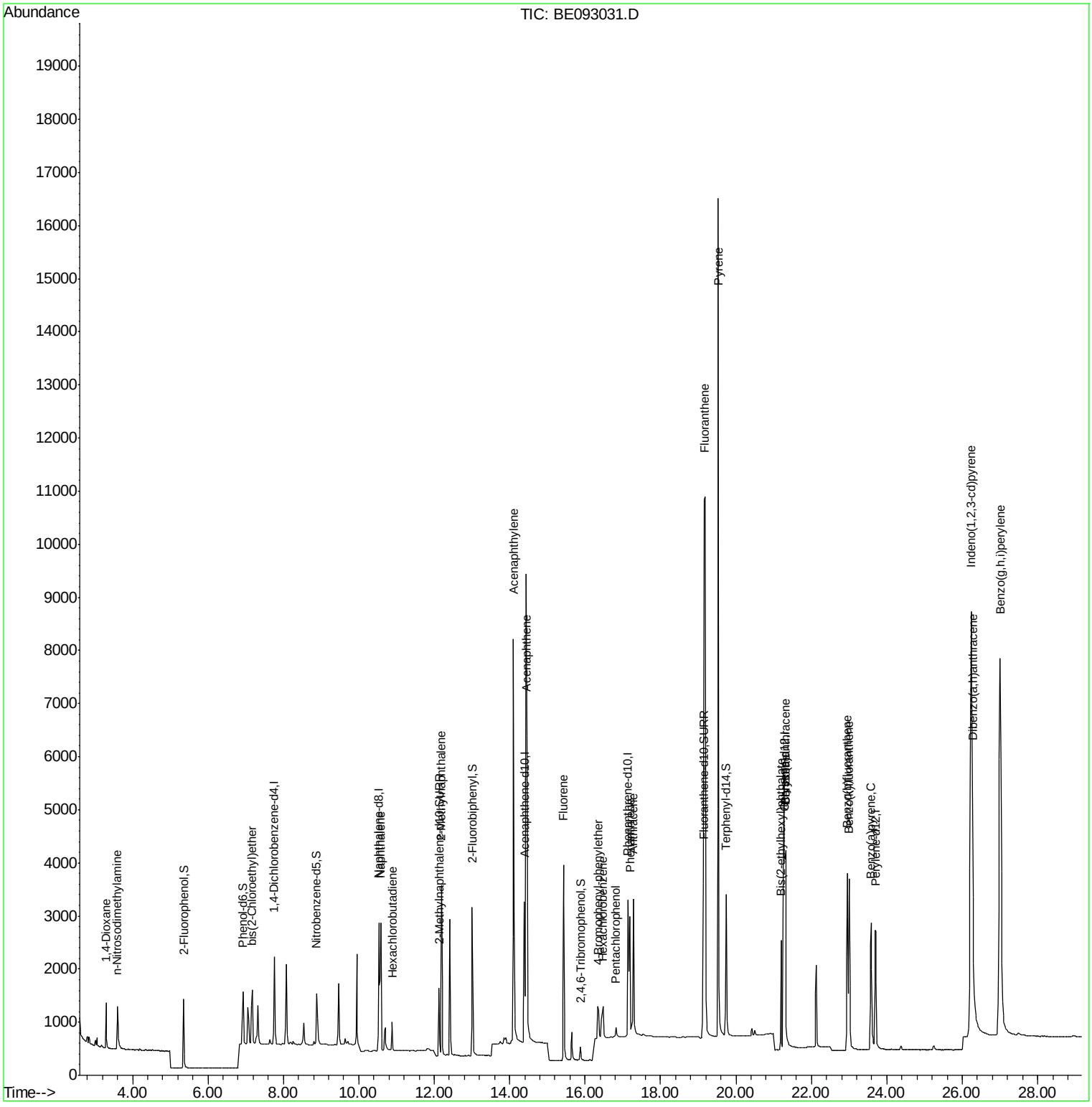
(#) = qualifier out of range (m) = manual integration (+) = signals summed

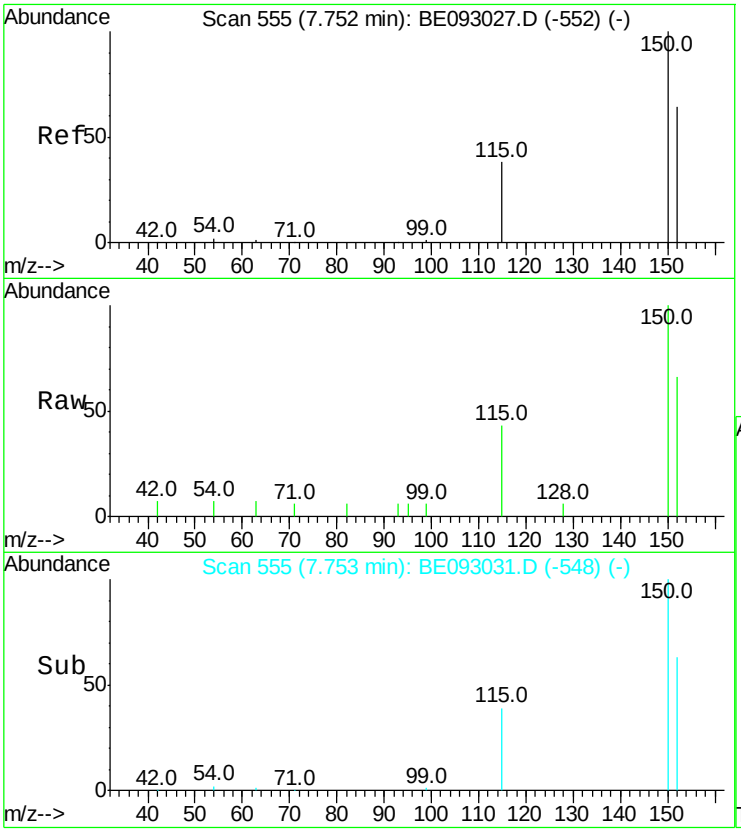
Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA E\DATA\BE051517\
Data File : BE093031.D
Acq On : 15 May 2017 12:59
Operator : SJ/MA
Sample : SSTDICV0.4
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
BNA_E
ClientSampleId :

Quant Time: May 15 13:44:00 2017
Quant Method : Z:\HPCHEM1\BNA E\METHODS\8270-SIM-BE051517.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon May 15 13:35:57 2017
Response via : Initial Calibration



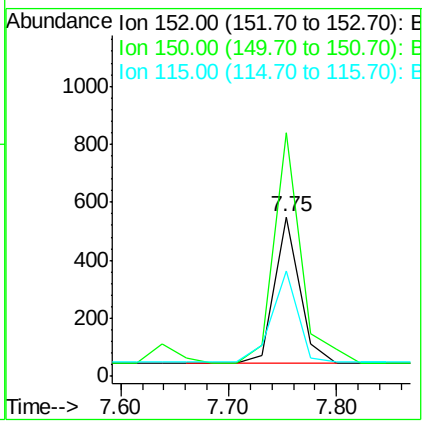


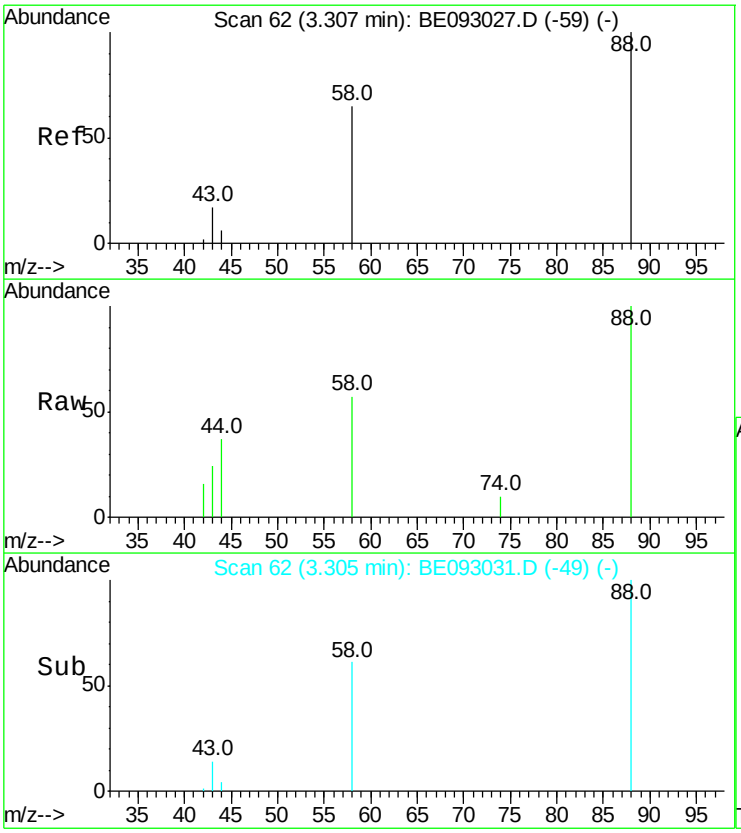
#1
1,4-Dichlorobenzene-d4
Concen: 0.40 ng
RT: 7.75 min Scan# 555
Delta R.T. 0.00 min
Lab File: BE093031.D
Acq: 15 May 2017 12:59

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:152 Resp: 828

Ion	Ratio	Lower	Upper
152	100		
150	152.5	125.1	187.7
115	66.0	55.7	83.5

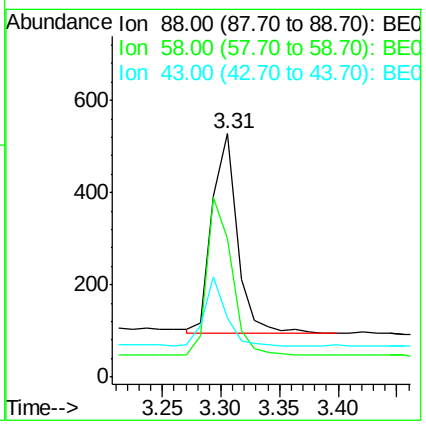


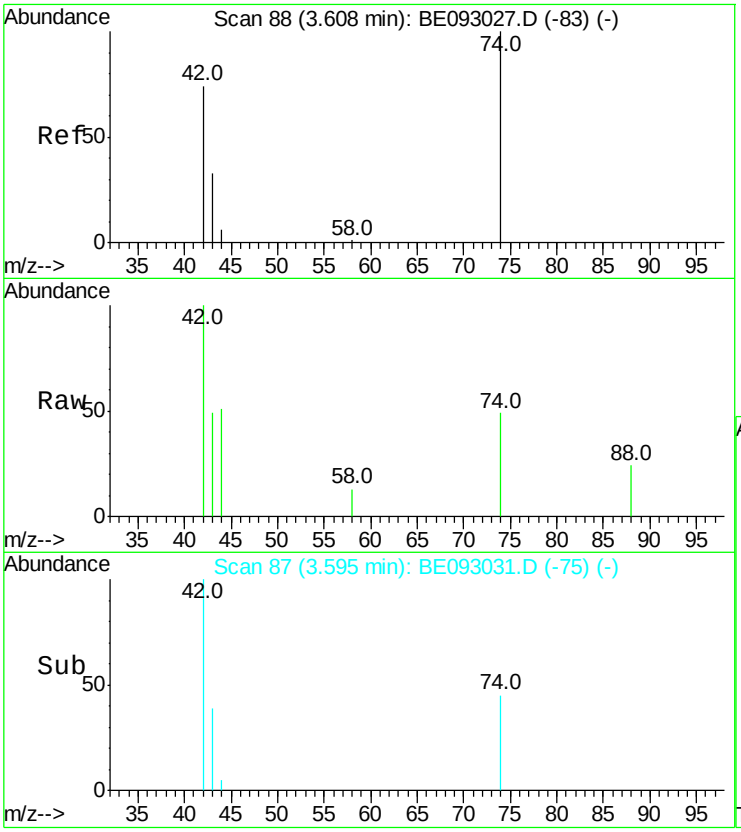


#2
1,4-Dioxane
Concen: 0.39 ng
RT: 3.31 min Scan# 62
Delta R.T. -0.00 min
Lab File: BE093031.D
Acq: 15 May 2017 12:59

Tgt Ion: 88 Resp: 642

Ion	Ratio	Lower	Upper
88	100		
58	76.8	62.2	93.4
43	31.3	23.2	34.8

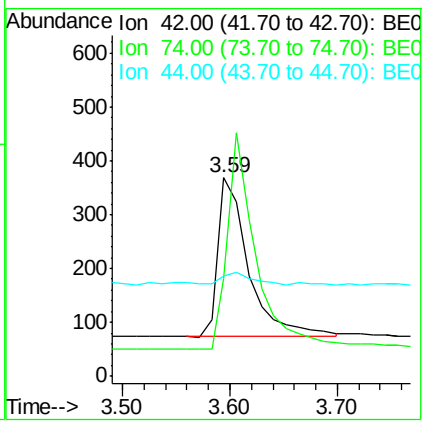




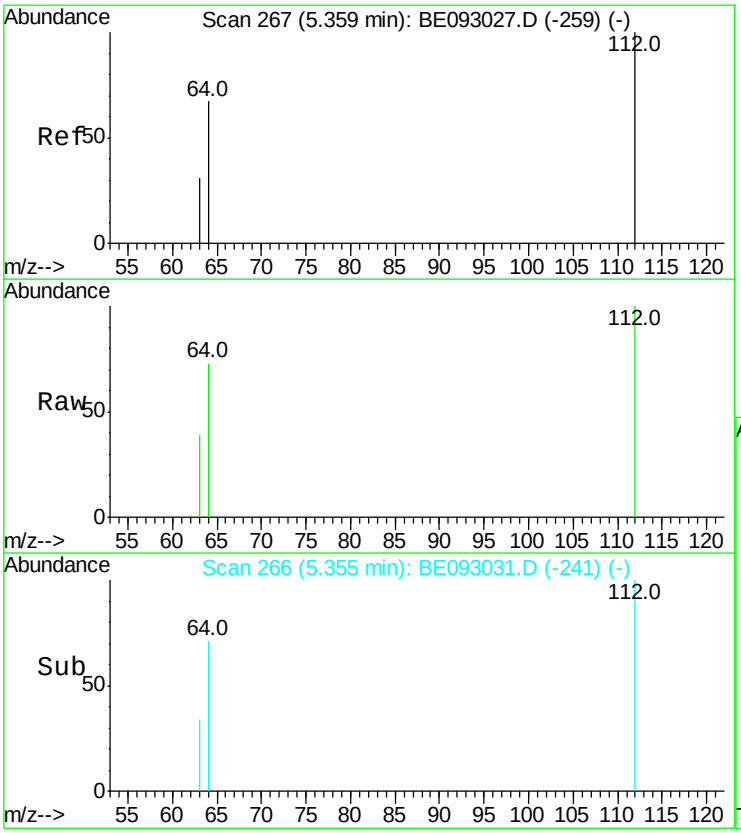
#3
n-Nitrosodimethylamine
Concen: 0.39 ng
RT: 3.59 min Scan# 87
Delta R.T. -0.01 min
Lab File: BE093031.D
Acq: 15 May 2017 12:59

Tgt Ion: 42 Resp: 586

Ion	Ratio	Lower	Upper
42	100		
74	127.5	99.1	148.7
44	8.7	7.4	11.2



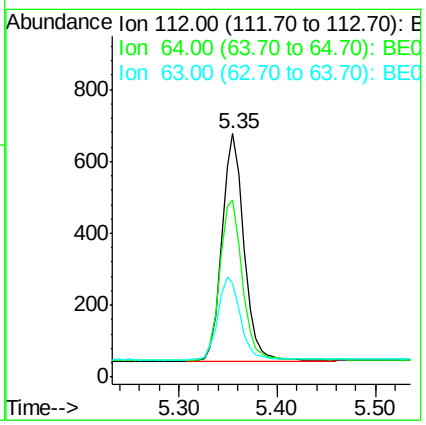
Instrument :
BNA_E
ClientSampleId :

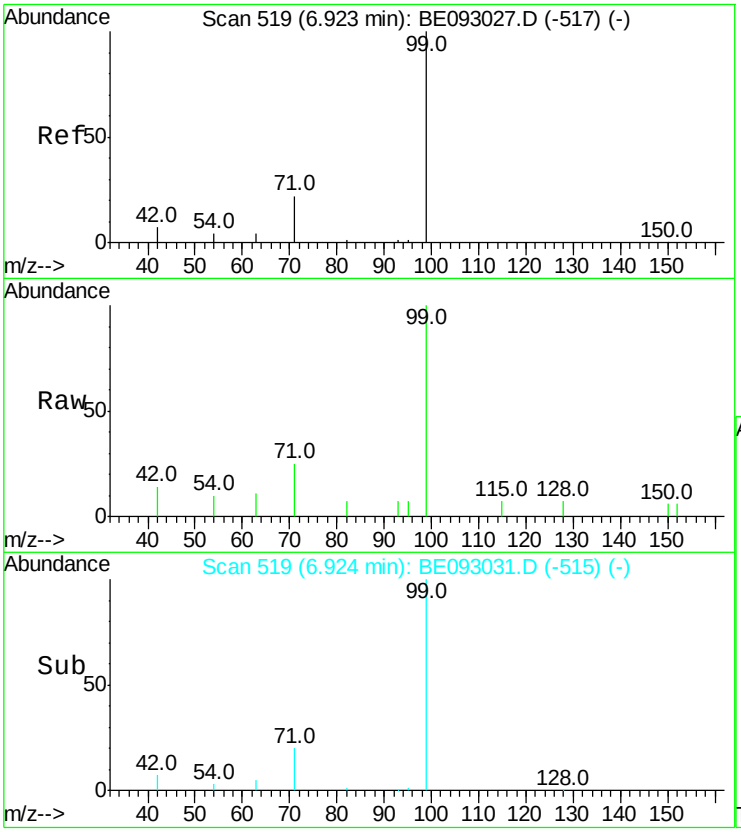


#4
2-Fluorophenol
Concen: 0.39 ng
RT: 5.35 min Scan# 266
Delta R.T. -0.00 min
Lab File: BE093031.D
Acq: 15 May 2017 12:59

Tgt Ion:112 Resp: 978

Ion	Ratio	Lower	Upper
112	100		
64	72.9	56.4	84.6
63	37.2	29.3	43.9



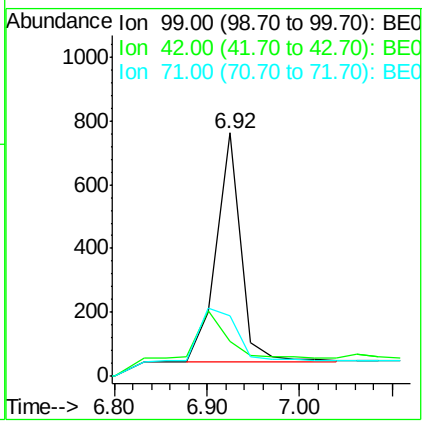


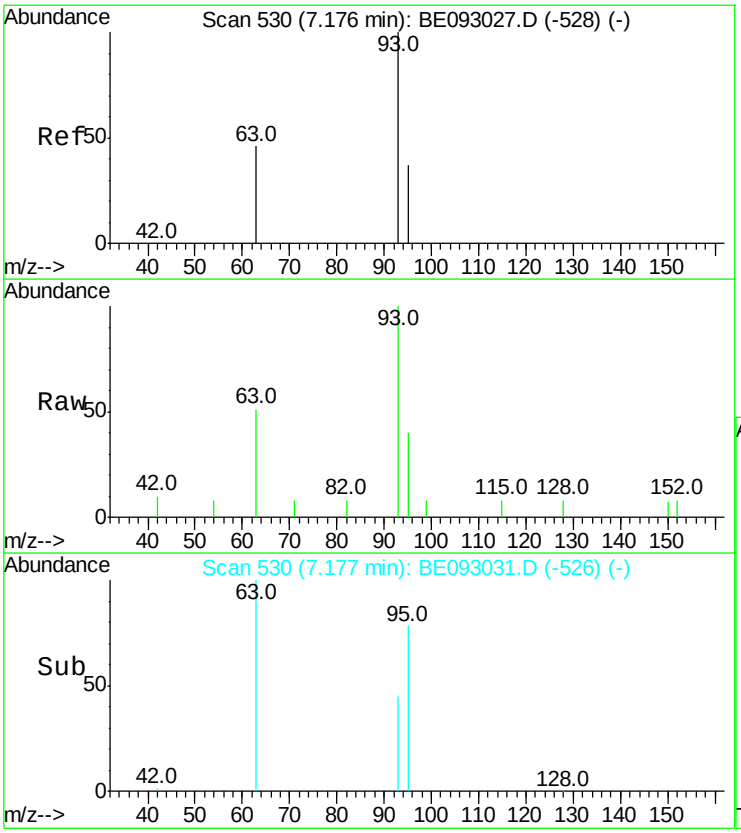
#5
Phenol-d6
Concen: 0.39 ng
RT: 6.92 min Scan# 519
Delta R.T. 0.00 min
Lab File: BE093031.D
Acq: 15 May 2017 12:59

Instrument :
BNA_E
ClientSampleId :

Tgt Ion: 99 Resp: 1343

Ion	Ratio	Lower	Upper
99	100		
42	0.0	0.0	0.0
71	0.0	0.0	0.0

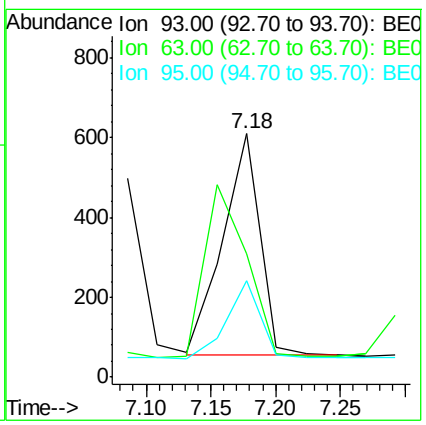


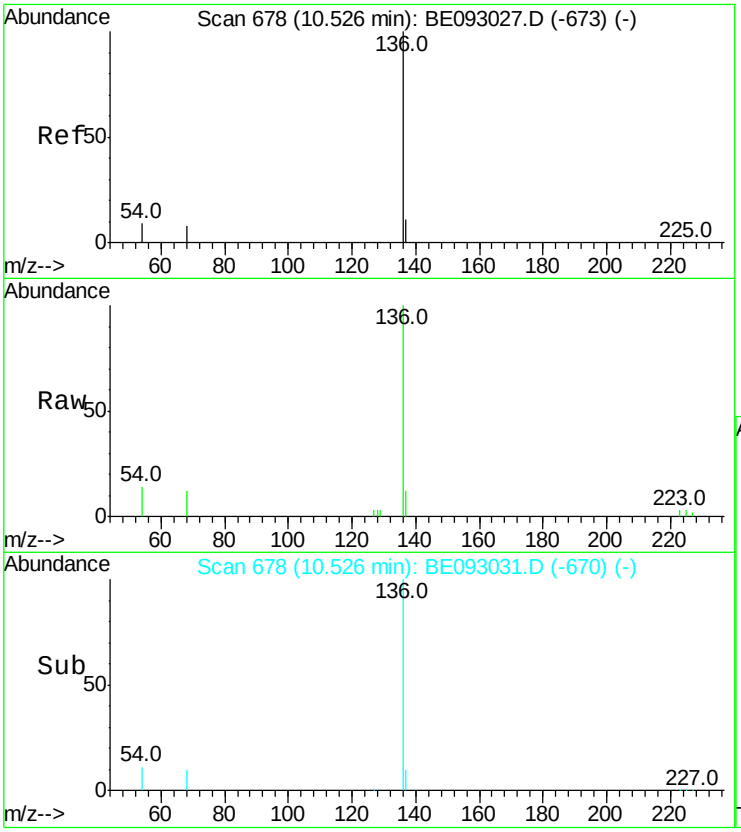


#6
bis(2-Chloroethyl)ether
Concen: 0.40 ng
RT: 7.18 min Scan# 530
Delta R.T. 0.00 min
Lab File: BE093031.D
Acq: 15 May 2017 12:59

Tgt Ion: 93 Resp: 1111

Ion	Ratio	Lower	Upper
93	100		
63	0.0	0.0	0.0
95	32.0	25.4	38.0



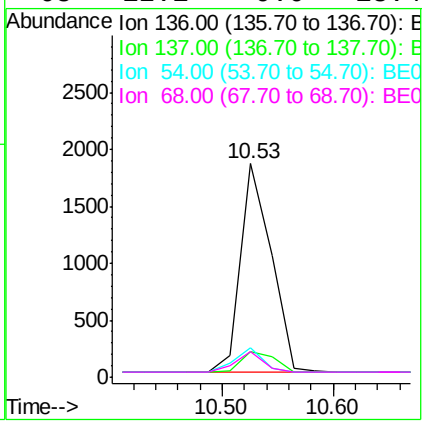


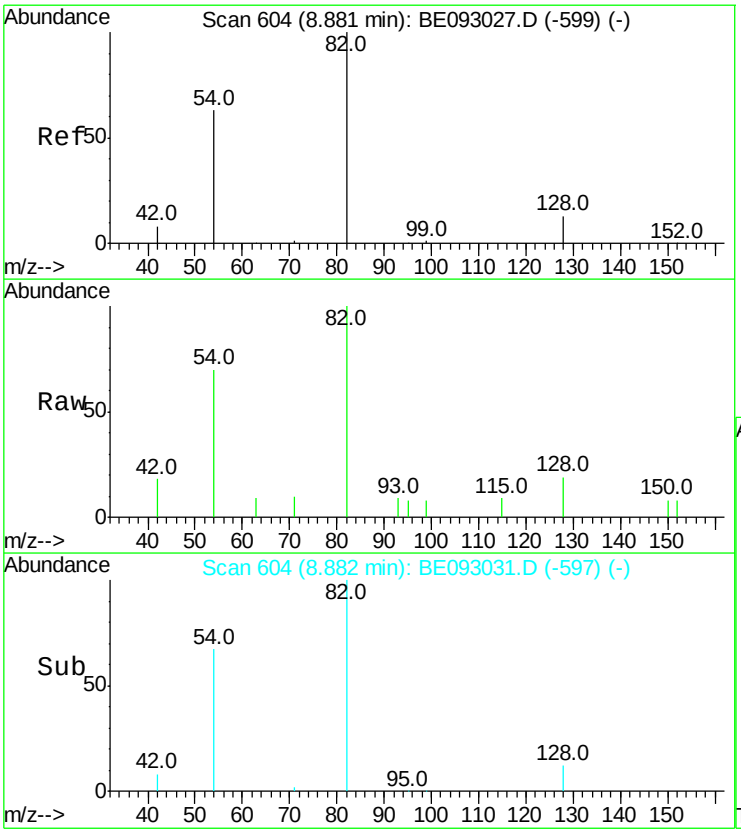
#7
Naphthalene-d8
Concen: 0.40 ng
RT: 10.53 min Scan# 678
Delta R.T. 0.00 min
Lab File: BE093031.D
Acq: 15 May 2017 12:59

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:136 Resp: 3511

Ion	Ratio	Lower	Upper
136	100		
137	12.2	9.8	14.8
54	14.0	10.3	15.5
68	12.1	9.0	13.4

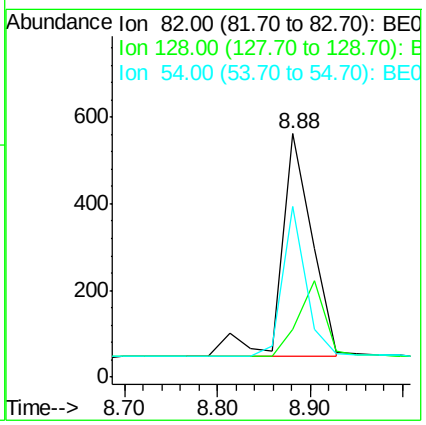


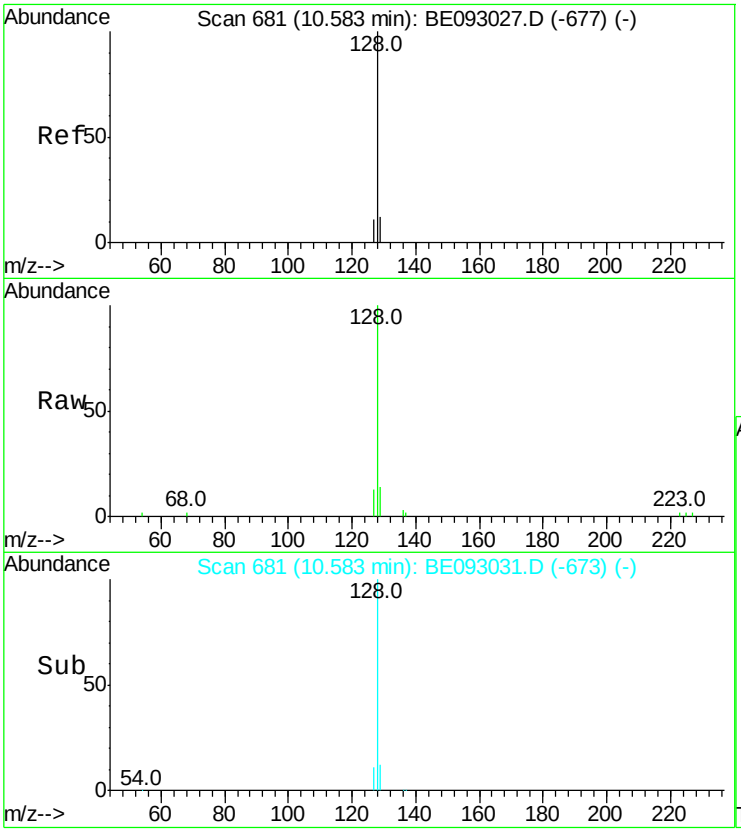


#8
Nitrobenzene-d5
Concen: 0.39 ng
RT: 8.88 min Scan# 604
Delta R.T. 0.00 min
Lab File: BE093031.D
Acq: 15 May 2017 12:59

Tgt Ion: 82 Resp: 1189

Ion	Ratio	Lower	Upper
82	100		
128	19.4	17.0	25.4
54	69.9	53.8	80.6



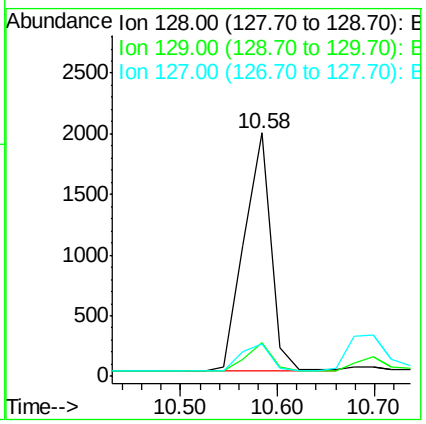


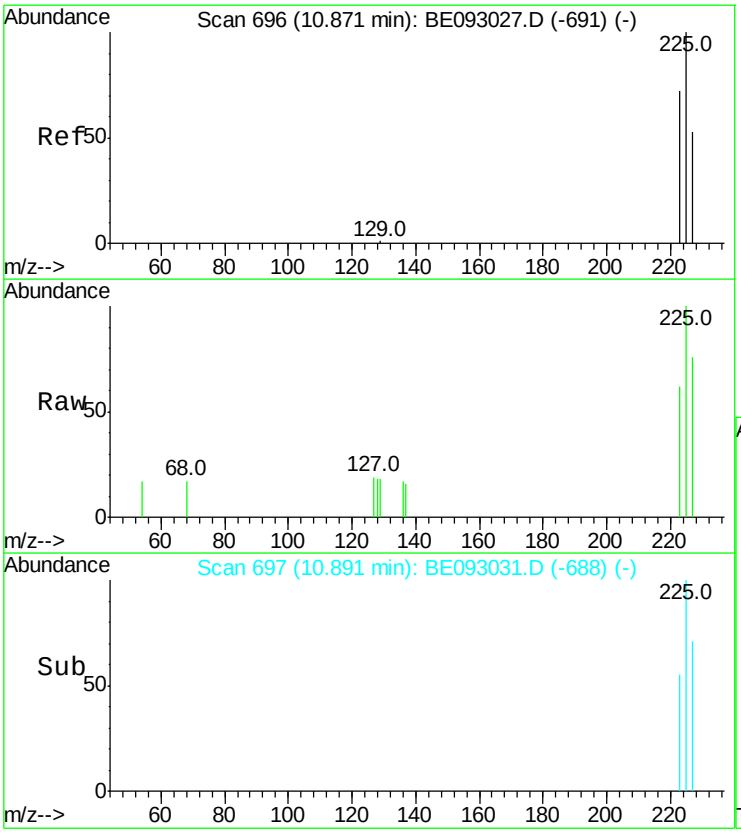
#9
Naphthalene
Concen: 0.40 ng
RT: 10.58 min Scan# 681
Delta R.T. 0.00 min
Lab File: BE093031.D
Acq: 15 May 2017 12:59

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:128 Resp: 3714

Ion	Ratio	Lower	Upper
128	100		
129	13.7	11.4	17.0
127	13.4	11.2	16.8

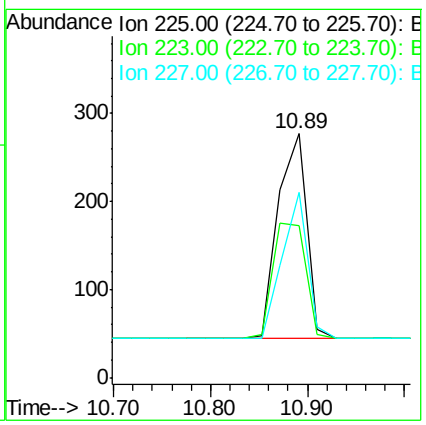


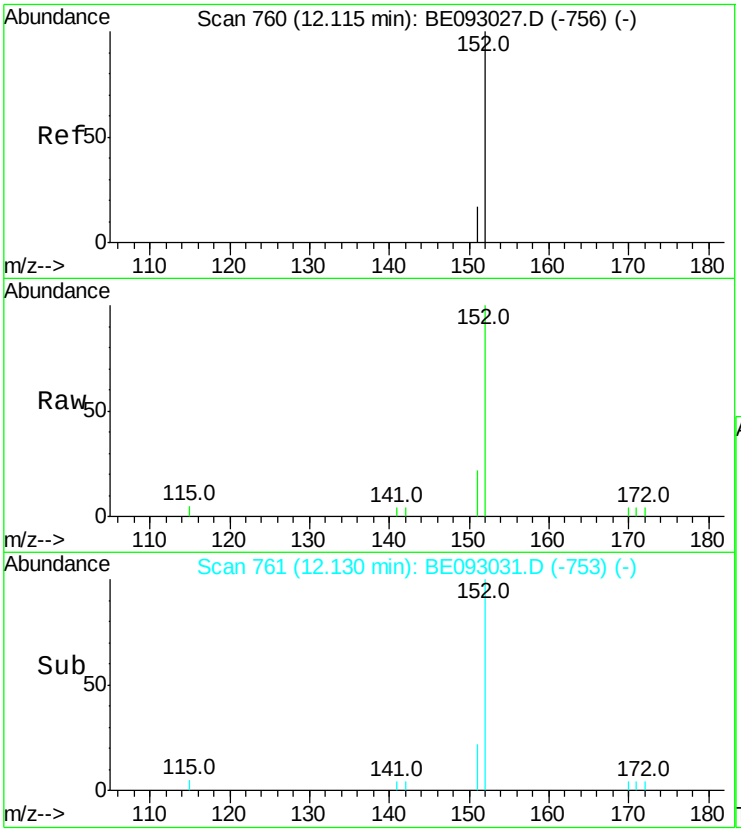


#10
Hexachlorobutadiene
Concen: 0.40 ng
RT: 10.89 min Scan# 697
Delta R.T. 0.02 min
Lab File: BE093031.D
Acq: 15 May 2017 12:59

Tgt Ion:225 Resp: 483

Ion	Ratio	Lower	Upper
225	100		
223	63.6	49.7	74.5
227	62.7	50.3	75.5



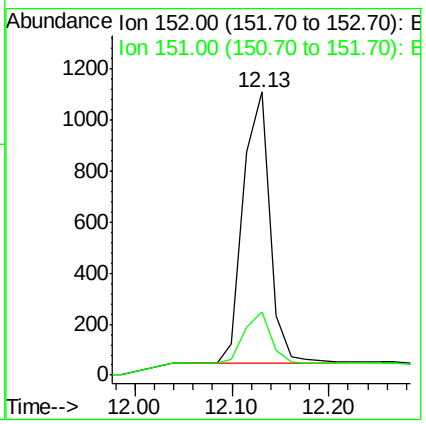


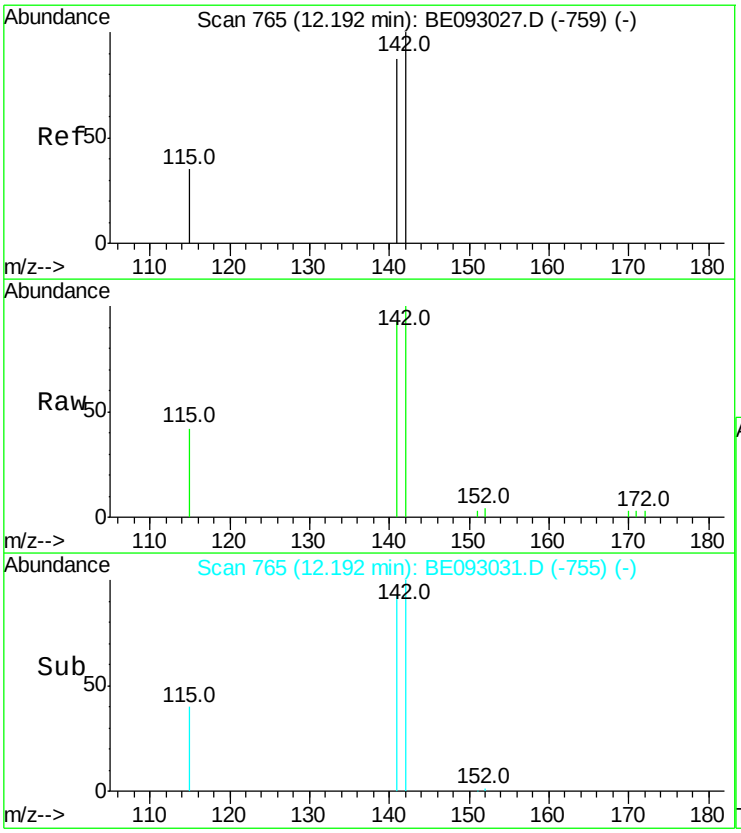
#11
2-Methylnaphthalene-d10
Concen: 0.40 ng
RT: 12.13 min Scan# 761
Delta R.T. 0.02 min
Lab File: BE093031.D
Acq: 15 May 2017 12:59

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:152 Resp: 2059

Ion	Ratio	Lower	Upper
152	100		
151	19.3	15.1	22.7

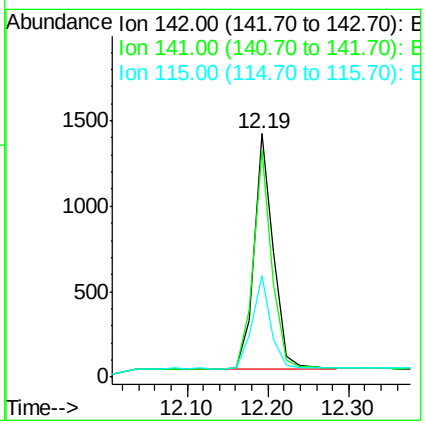


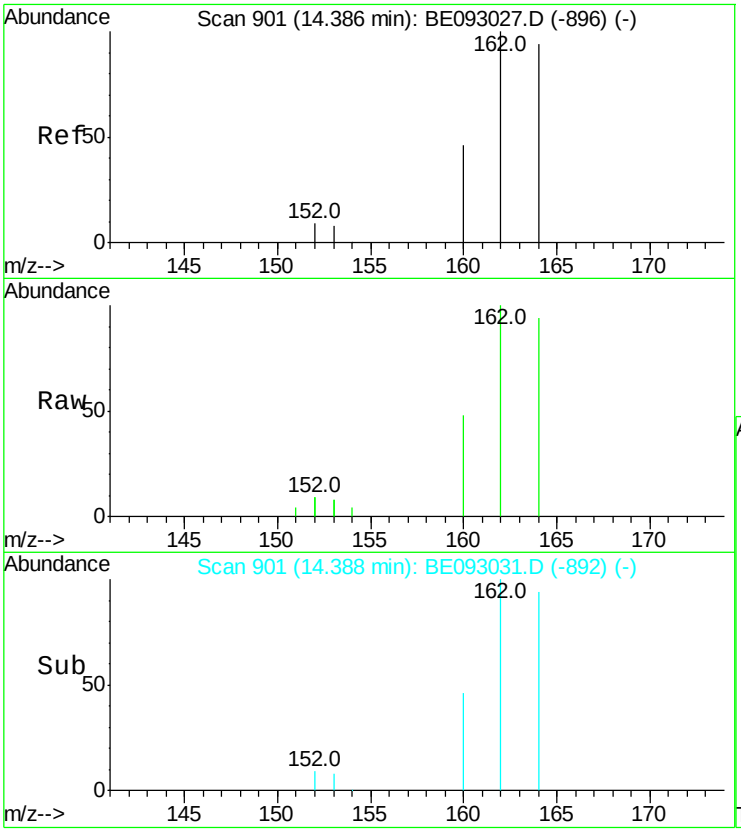


#12
2-Methylnaphthalene
Concen: 0.40 ng
RT: 12.19 min Scan# 765
Delta R.T. -0.00 min
Lab File: BE093031.D
Acq: 15 May 2017 12:59

Tgt Ion:142 Resp: 2299

Ion	Ratio	Lower	Upper
142	100		
141	93.0	72.6	108.8
115	41.8	32.2	48.2



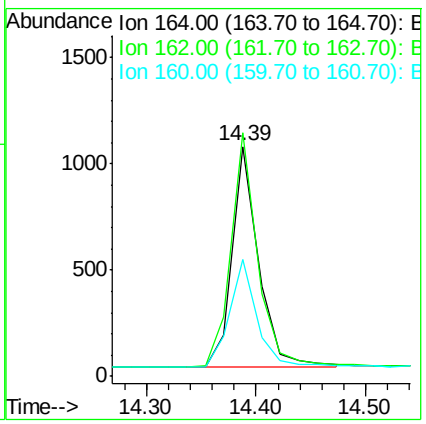


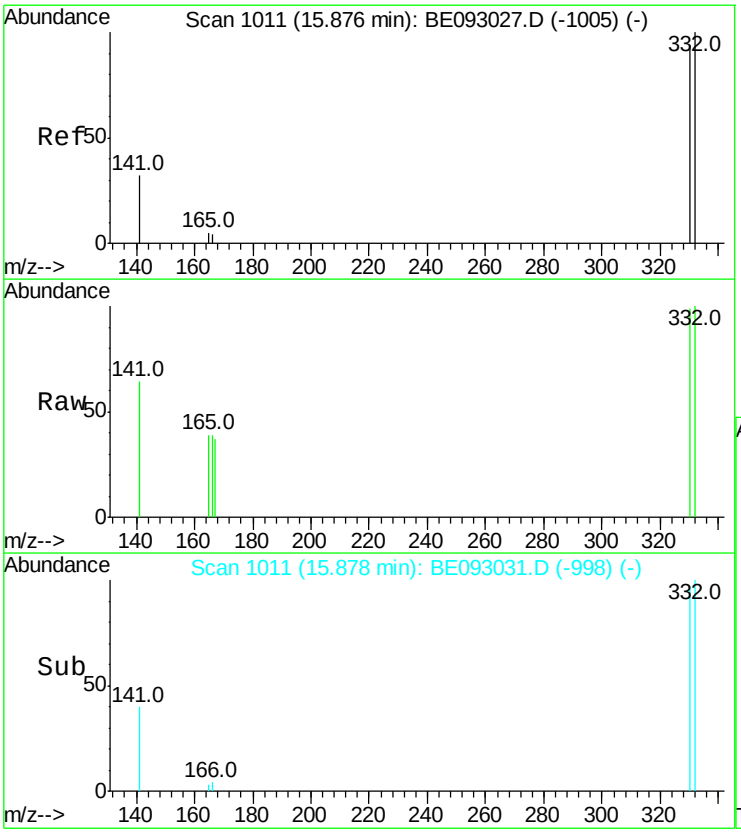
#13
Acenaphthene-d10
Concen: 0.40 ng
RT: 14.39 min Scan# 901
Delta R.T. 0.00 min
Lab File: BE093031.D
Acq: 15 May 2017 12:59

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:164 Resp: 1722

Ion	Ratio	Lower	Upper
164	100		
162	105.9	84.6	127.0
160	51.0	41.8	62.6

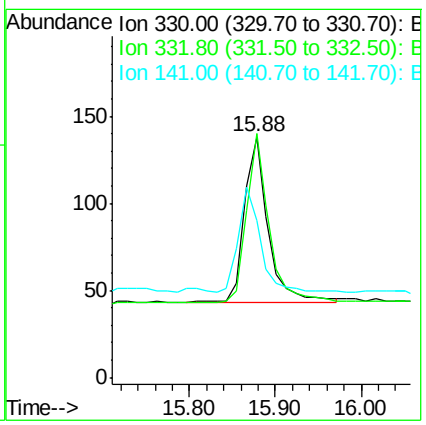


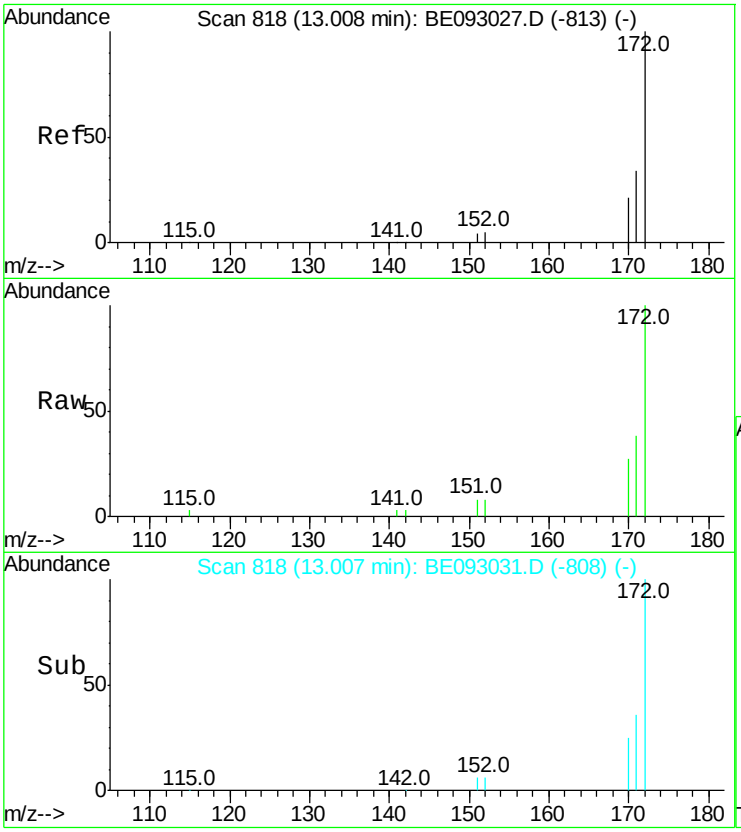


#14
2,4,6-Tribromophenol
Concen: 0.36 ng
RT: 15.88 min Scan# 1011
Delta R.T. 0.00 min
Lab File: BE093031.D
Acq: 15 May 2017 12:59

Tgt Ion:330 Resp: 184

Ion	Ratio	Lower	Upper
330	100		
332	96.7	77.7	116.5
141	58.7	56.2	84.4



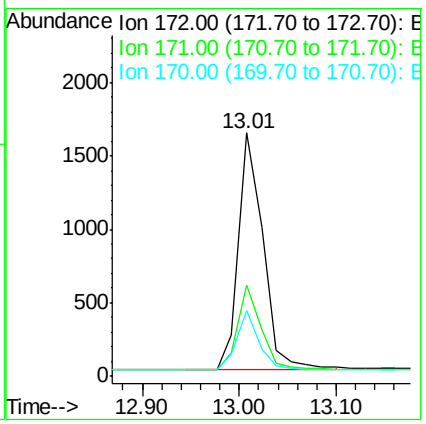


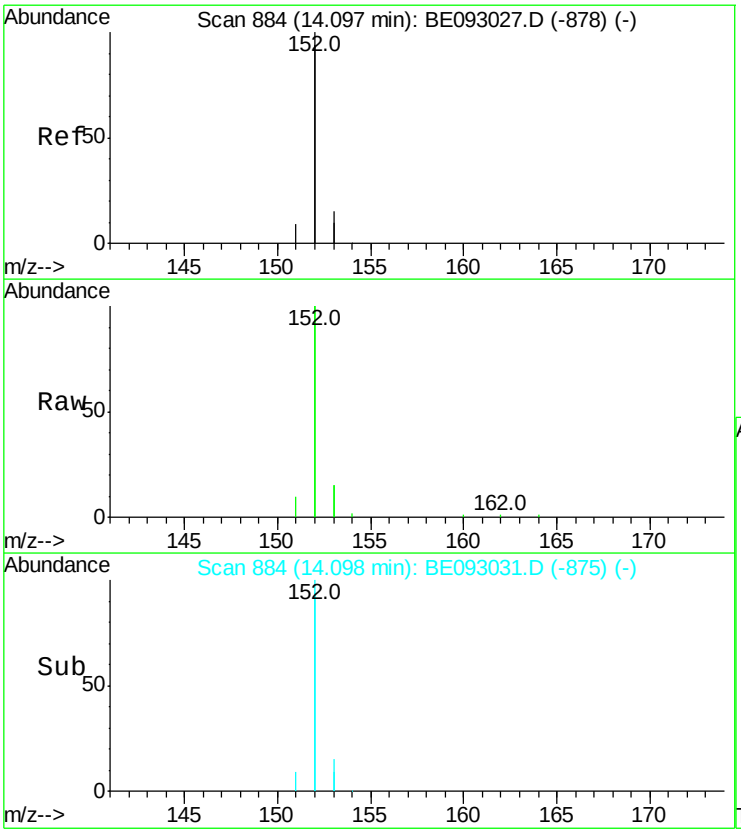
#15
2-Fluorobiphenyl
Concen: 0.40 ng
RT: 13.01 min Scan# 818
Delta R.T. -0.00 min
Lab File: BE093031.D
Acq: 15 May 2017 12:59

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:172 Resp: 2851

Ion	Ratio	Lower	Upper
172	100		
171	37.7	29.8	44.6
170	26.9	20.7	31.1

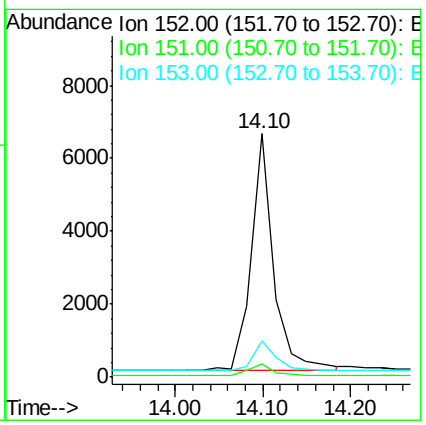


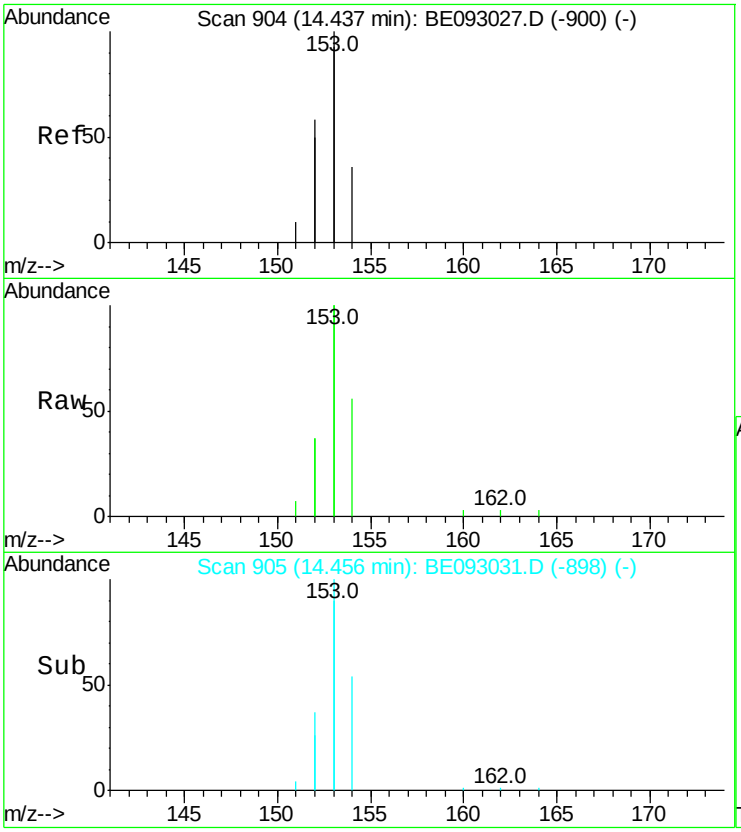


#16
Acenaphthylene
Concen: 0.38 ng
RT: 14.10 min Scan# 884
Delta R.T. 0.00 min
Lab File: BE093031.D
Acq: 15 May 2017 12:59

Tgt Ion:152 Resp: 11524

Ion	Ratio	Lower	Upper
152	100		
151	4.9	4.0	6.0
153	13.0	10.3	15.5



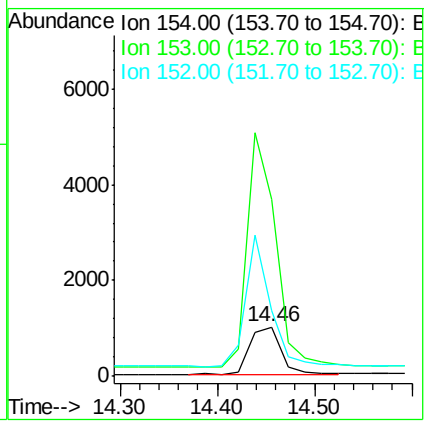


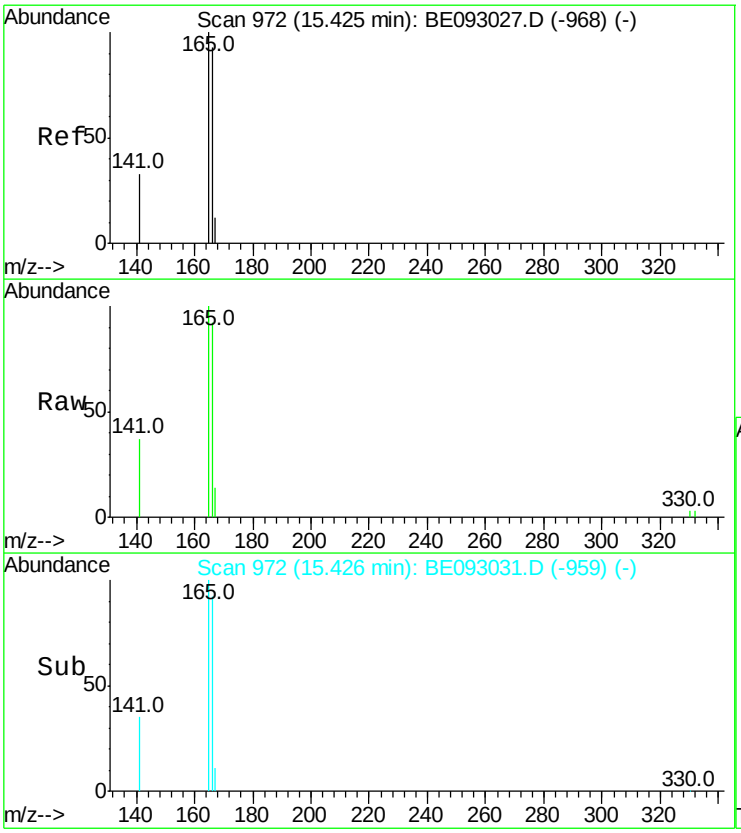
#17
Acenaphthene
Concen: 0.40 ng
RT: 14.46 min Scan# 905
Delta R.T. 0.02 min
Lab File: BE093031.D
Acq: 15 May 2017 12:59

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:154 Resp: 2178

Ion	Ratio	Lower	Upper
154	100		
153	454.0	367.8	551.6
152	223.6	188.2	282.2

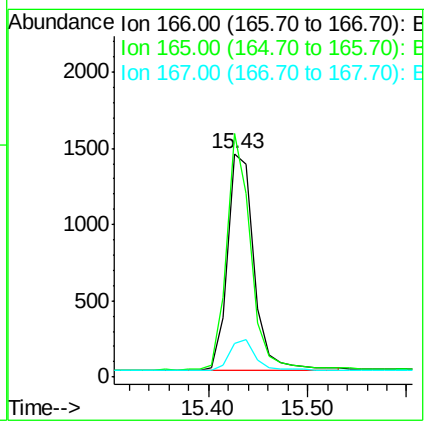


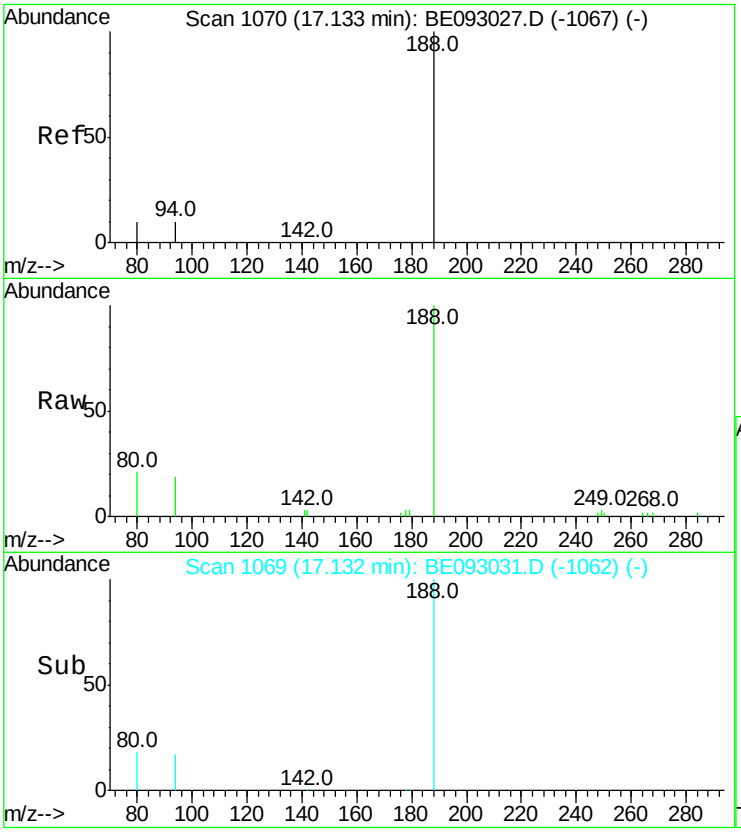


#18
Fluorene
Concen: 0.39 ng
RT: 15.43 min Scan# 972
Delta R.T. 0.00 min
Lab File: BE093031.D
Acq: 15 May 2017 12:59

Tgt Ion:166 Resp: 2621

Ion	Ratio	Lower	Upper
166	100		
165	99.2	78.6	117.8
167	13.8	11.1	16.7



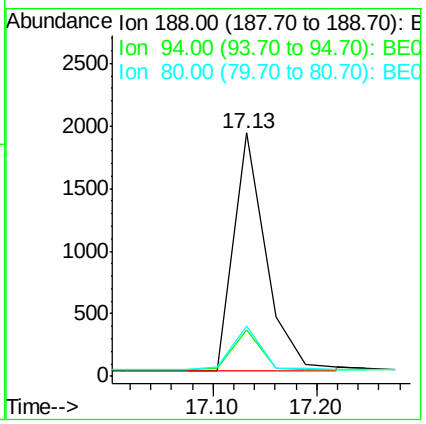


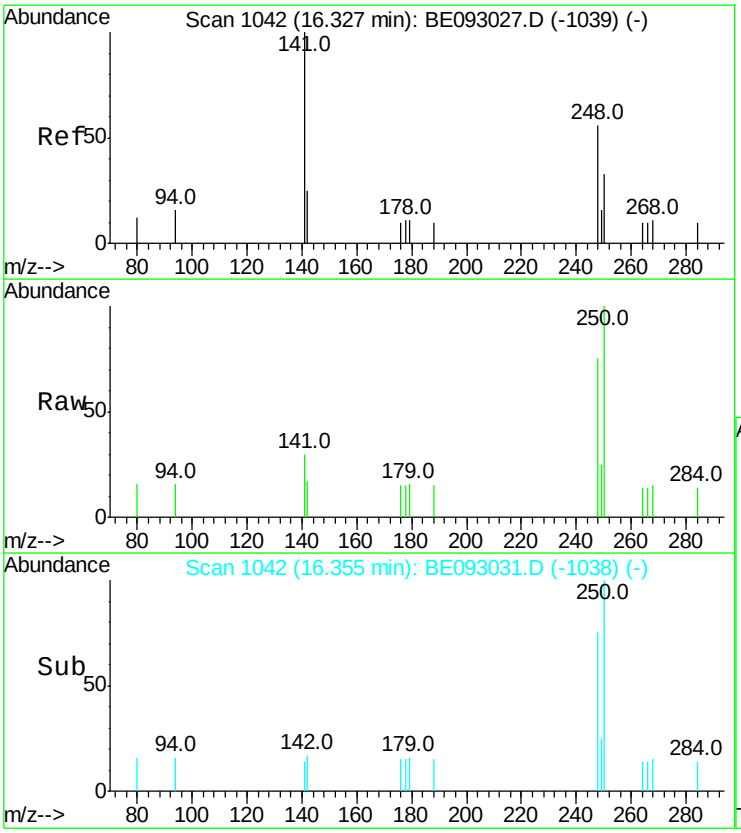
#19
Phenanthrene-d10
Concen: 0.40 ng
RT: 17.13 min Scan# 1069
Delta R.T. -0.00 min
Lab File: BE093031.D
Acq: 15 May 2017 12:59

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:188 Resp: 4162

Ion	Ratio	Lower	Upper
188	100		
94	19.0	11.3	16.9#
80	20.7	11.7	17.5#

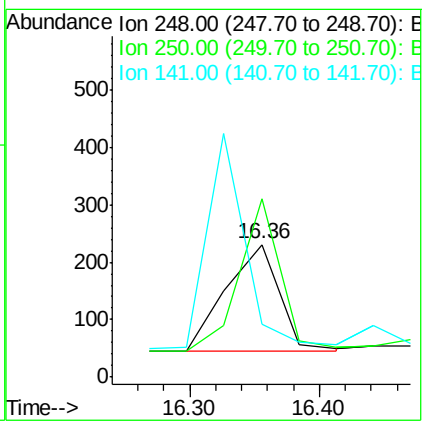


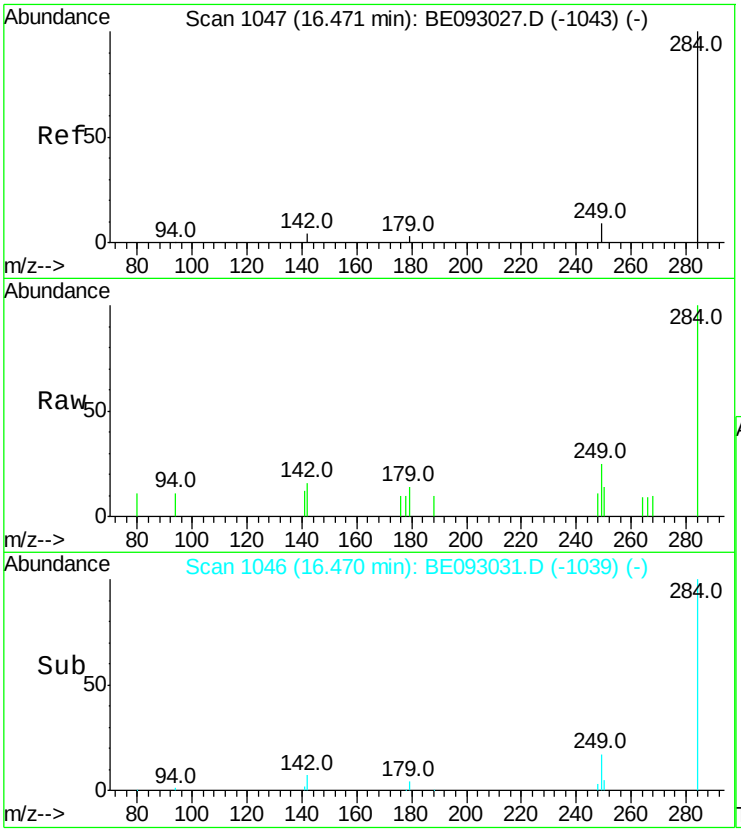


#20
4-Bromophenyl-phenylether
Concen: 0.42 ng
RT: 16.36 min Scan# 1042
Delta R.T. 0.03 min
Lab File: BE093031.D
Acq: 15 May 2017 12:59

Tgt Ion:248 Resp: 537

Ion	Ratio	Lower	Upper
248	100		
250	134.2	100.0	150.0
141	40.3	40.0	60.0



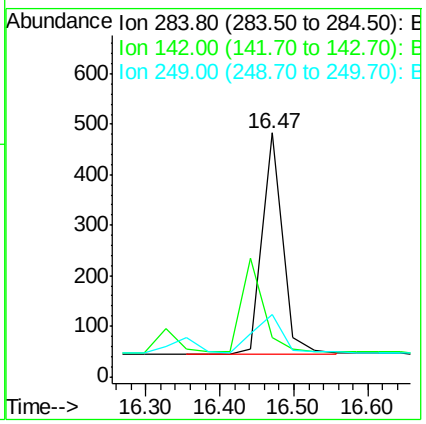


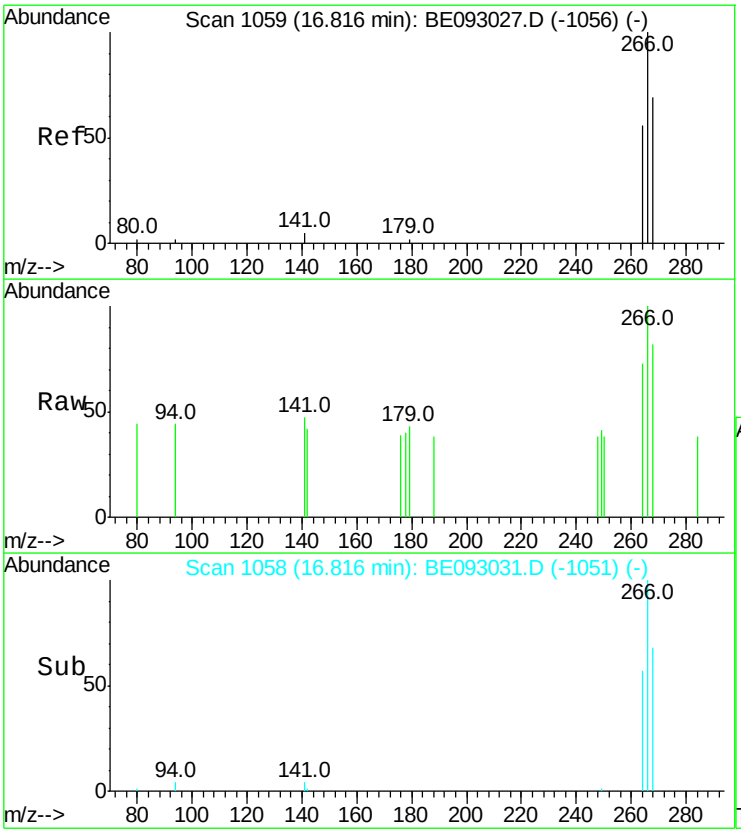
#21
Hexachlorobenzene
Concen: 0.48 ng
RT: 16.47 min Scan# 1046
Delta R.T. -0.00 min
Lab File: BE093031.D
Acq: 15 May 2017 12:59

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:284 Resp: 860

Ion	Ratio	Lower	Upper
284	100		
142	0.0	0.0	0.0
249	23.7	0.0	0.0#

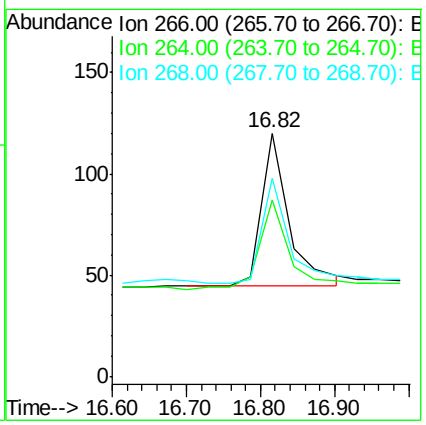


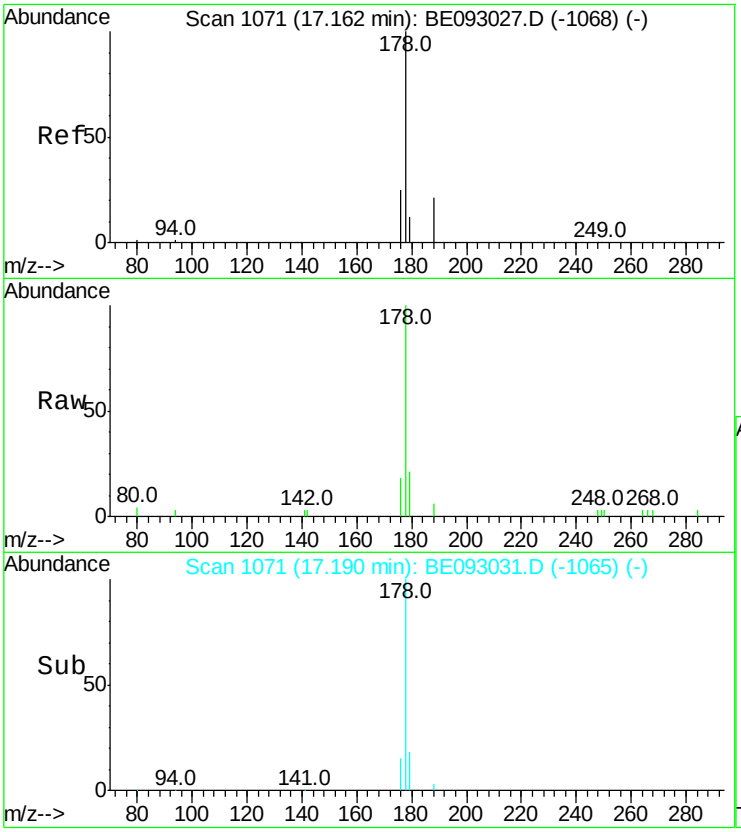


#22
Pentachlorophenol
Concen: 0.38 ng
RT: 16.82 min Scan# 1058
Delta R.T. -0.00 min
Lab File: BE093031.D
Acq: 15 May 2017 12:59

Tgt Ion:266 Resp: 190

Ion	Ratio	Lower	Upper
266	100		
264	72.5	58.2	87.2
268	81.7	71.9	107.9



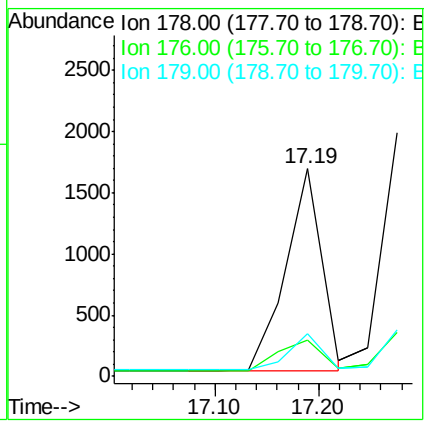


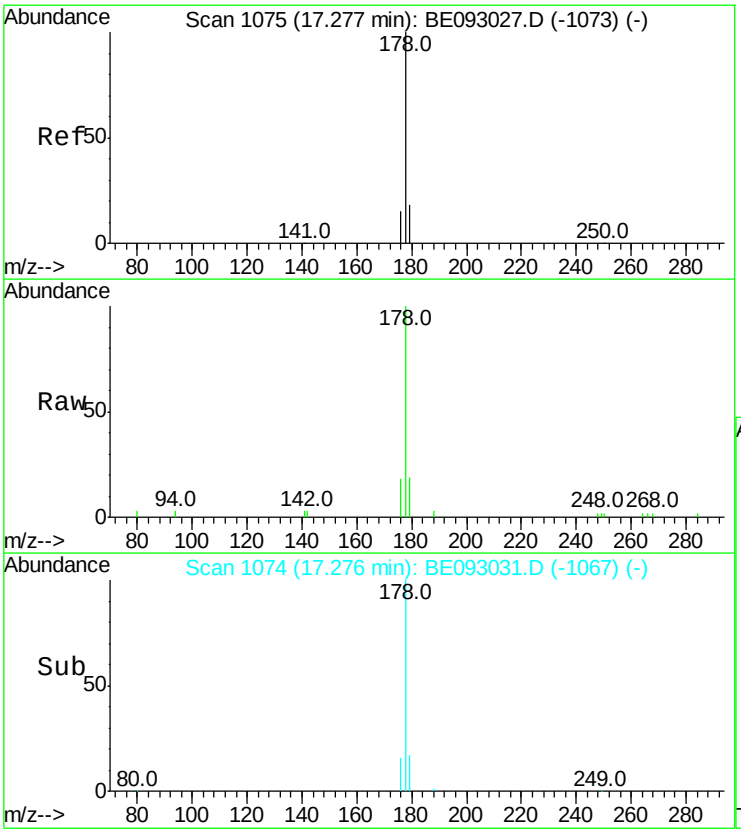
#23
Phenanthrene
Concen: 0.46 ng
RT: 17.19 min Scan# 1071
Delta R.T. 0.03 min
Lab File: BE093031.D
Acq: 15 May 2017 12:59

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:178 Resp: 3943

Ion	Ratio	Lower	Upper
178	100		
176	18.3	15.0	22.4
179	16.6	12.7	19.1

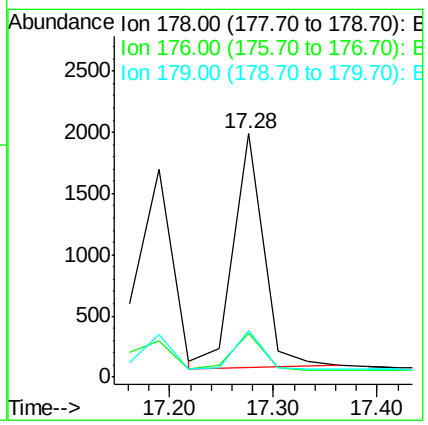


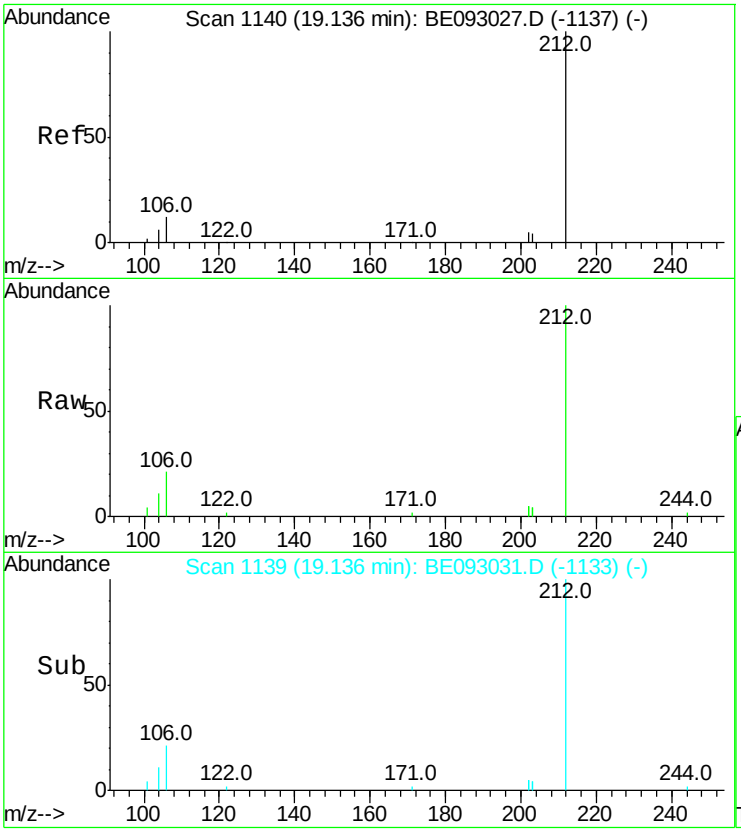


#24
Anthracene
Concen: 0.46 ng
RT: 17.28 min Scan# 1074
Delta R.T. -0.00 min
Lab File: BE093031.D
Acq: 15 May 2017 12:59

Tgt Ion:178 Resp: 3870

Ion	Ratio	Lower	Upper
178	100		
176	17.2	14.6	22.0
179	16.7	12.0	18.0



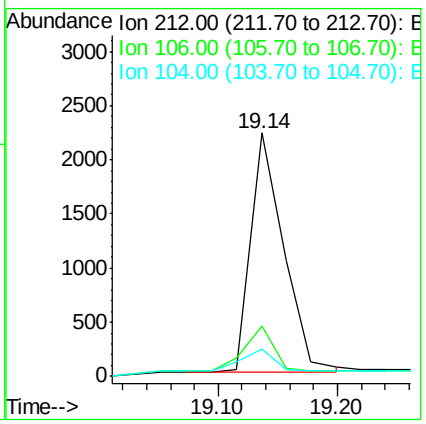


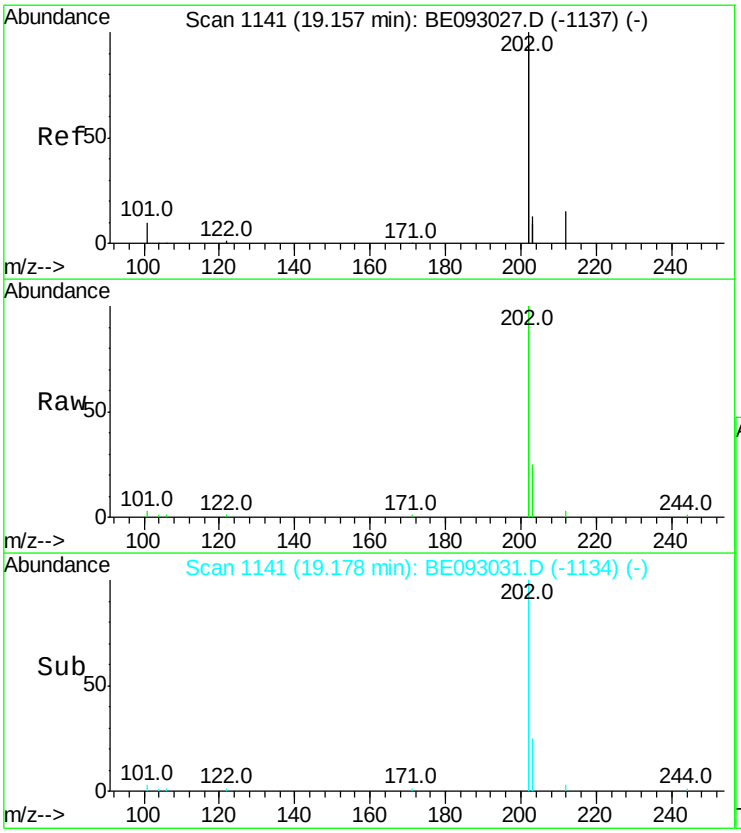
#25
Fluoranthene-d10
Concen: 0.39 ng
RT: 19.14 min Scan# 1139
Delta R.T. 0.00 min
Lab File: BE093031.D
Acq: 15 May 2017 12:59

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:212 Resp: 4234

Ion	Ratio	Lower	Upper
212	100		
106	17.1	0.0	0.0#
104	9.0	0.0	0.0#

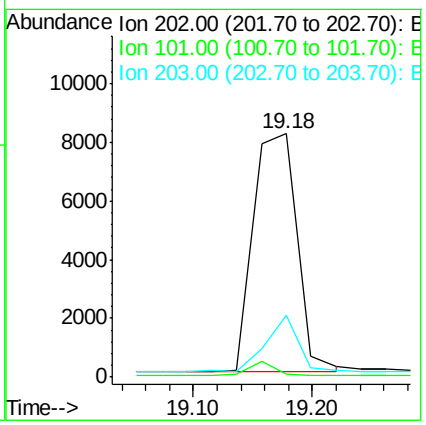


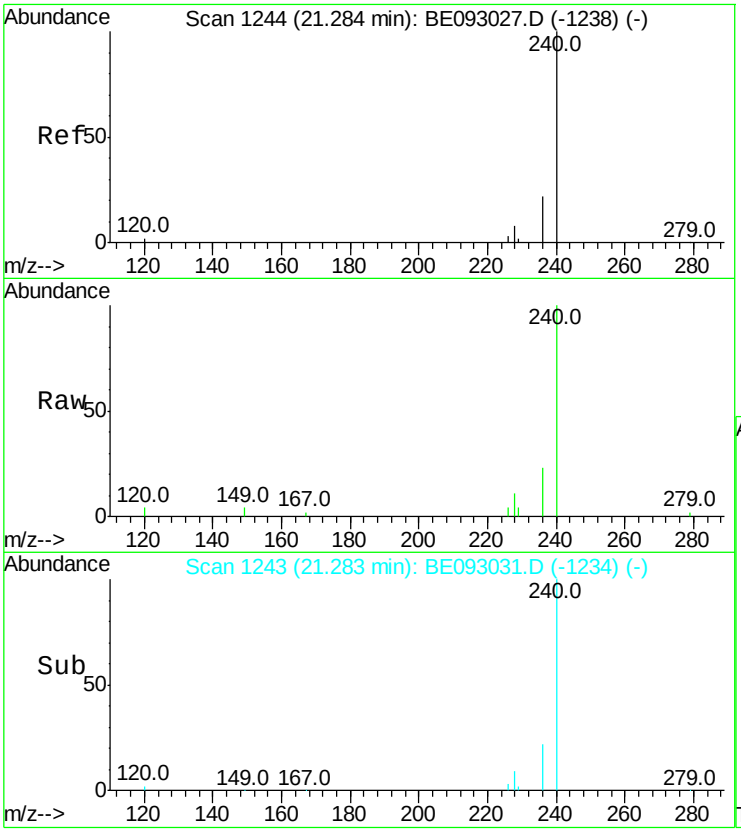


#26
Fluoranthene
Concen: 0.41 ng
RT: 19.18 min Scan# 1141
Delta R.T. 0.02 min
Lab File: BE093031.D
Acq: 15 May 2017 12:59

Tgt Ion:202 Resp: 20847

Ion	Ratio	Lower	Upper
202	100		
101	0.0	0.0	0.0
203	17.5	14.4	21.6



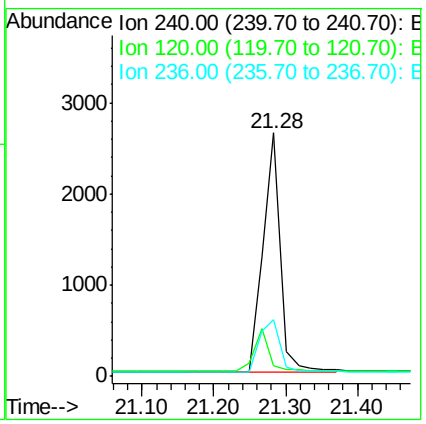


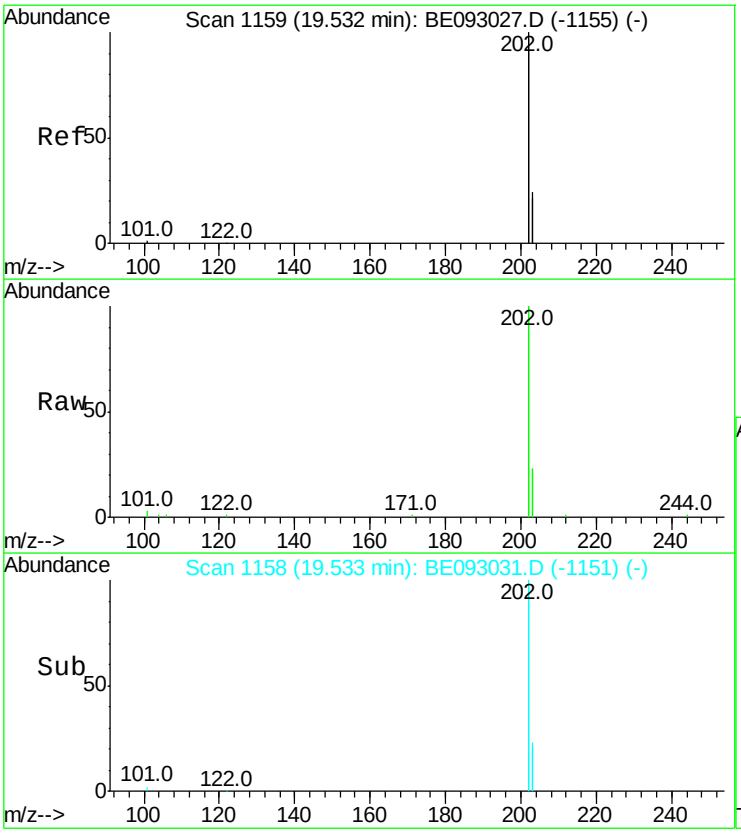
#27
Chrysene-d12
Concen: 0.40 ng
RT: 21.28 min Scan# 1243
Delta R.T. -0.00 min
Lab File: BE093031.D
Acq: 15 May 2017 12:59

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:240 Resp: 4476

Ion	Ratio	Lower	Upper
240	100		
120	4.3	4.6	7.0#
236	23.5	20.8	31.2

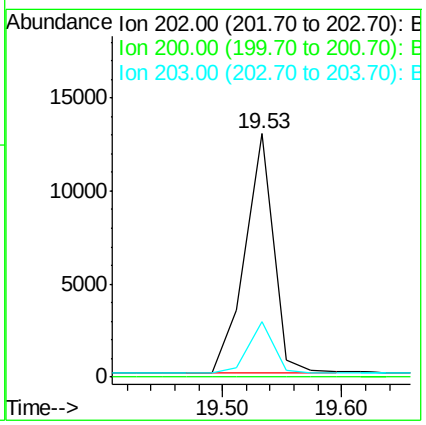


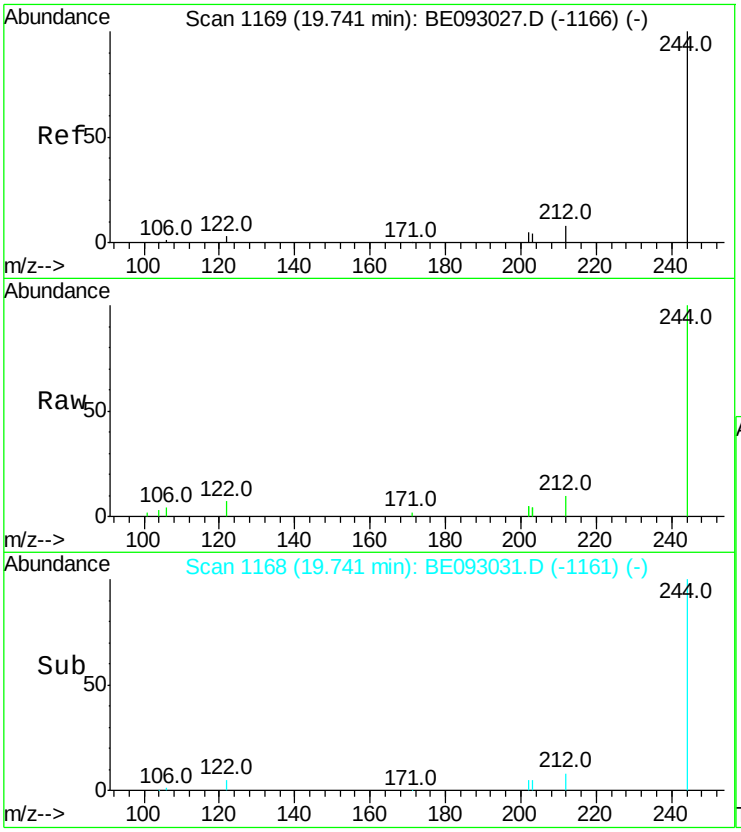


#28
Pyrene
Concen: 0.40 ng
RT: 19.53 min Scan# 1158
Delta R.T. 0.00 min
Lab File: BE093031.D
Acq: 15 May 2017 12:59

Tgt Ion:202 Resp: 21734

Ion	Ratio	Lower	Upper
202	100		
200	0.0	0.0	0.0
203	19.2	13.7	20.5



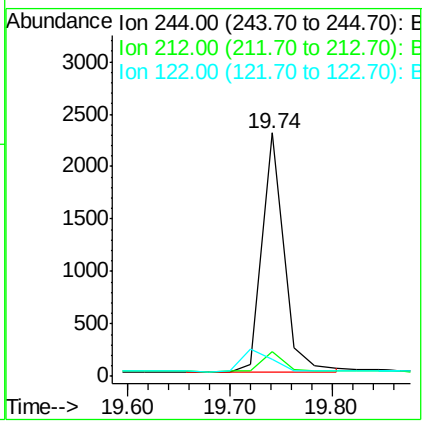


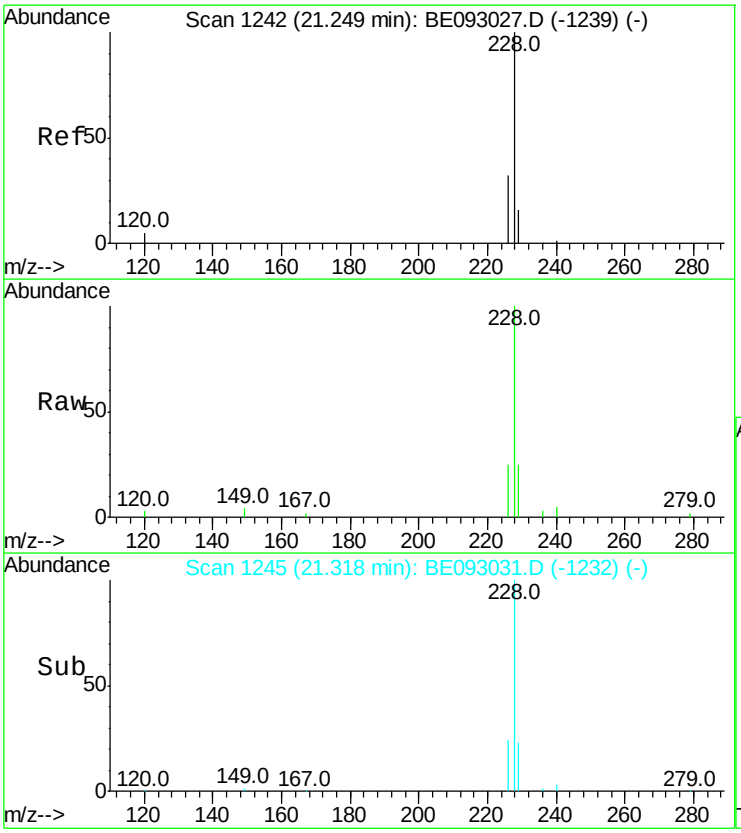
#29
Terphenyl-d14
Concen: 0.40 ng
RT: 19.74 min Scan# 1168
Delta R.T. 0.00 min
Lab File: BE093031.D
Acq: 15 May 2017 12:59

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:244 Resp: 3333

Ion	Ratio	Lower	Upper
244	100		
212	10.4	10.6	16.0#
122	6.8	15.4	23.0#

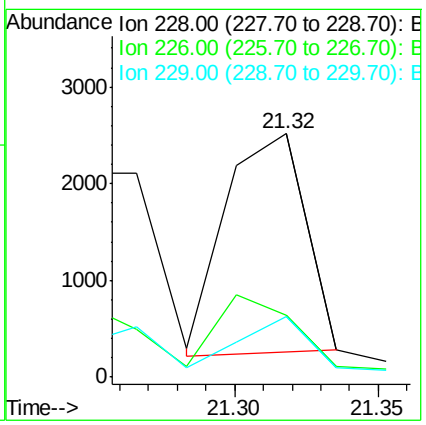


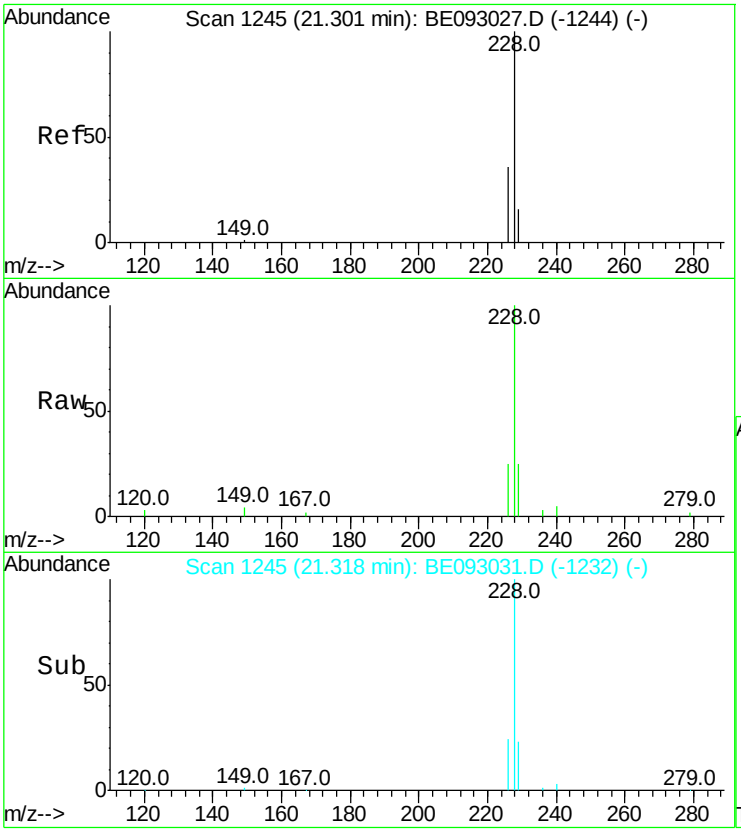


#30
Benzo(a)anthracene
Concen: 0.36 ng
RT: 21.32 min Scan# 1245
Delta R.T. 0.07 min
Lab File: BE093031.D
Acq: 15 May 2017 12:59

Tgt Ion:228 Resp: 4404

Ion	Ratio	Lower	Upper
228	100		
226	25.2	19.7	29.5
229	24.8	19.2	28.8



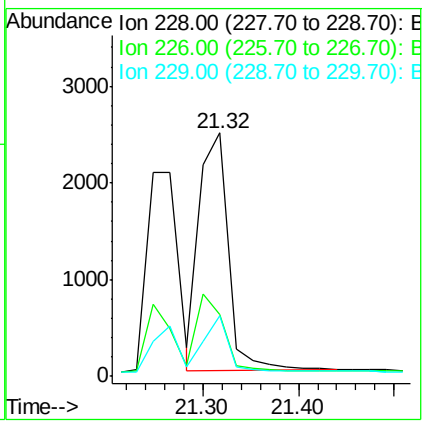


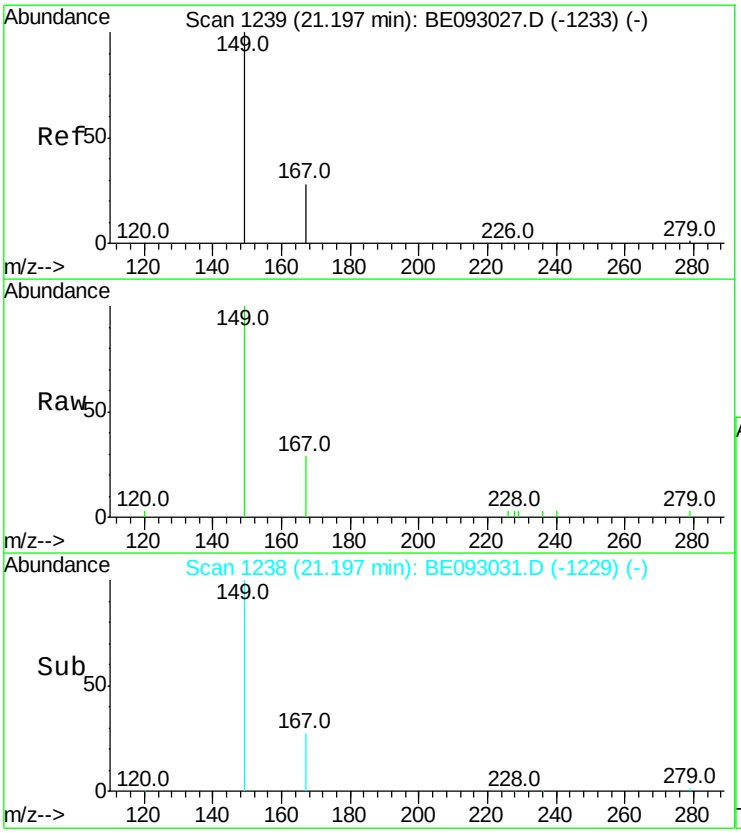
#31
Chrysene
Concen: 0.40 ng
RT: 21.32 min Scan# 1245
Delta R.T. 0.02 min
Lab File: BE093031.D
Acq: 15 May 2017 12:59

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:228 Resp: 5186

Ion	Ratio	Lower	Upper
228	100		
226	25.2	21.5	32.3
229	24.8	18.6	28.0

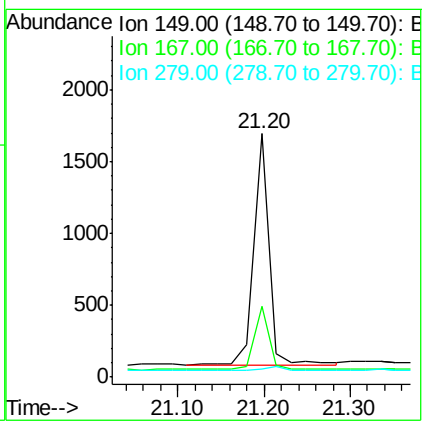


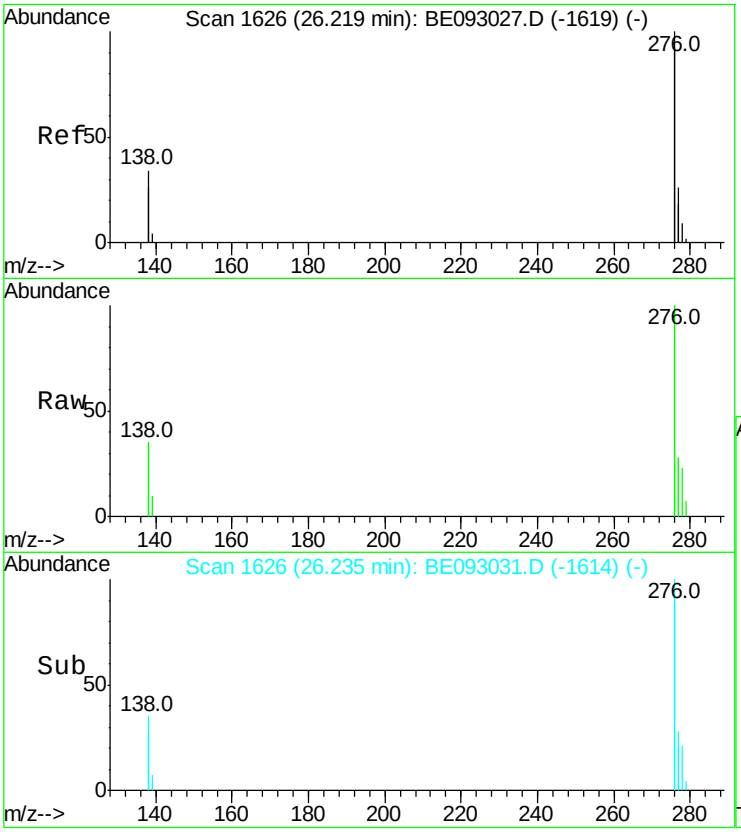


#32
Bis(2-ethylhexyl)phthalate
Concen: 0.34 ng
RT: 21.20 min Scan# 1238
Delta R.T. -0.00 min
Lab File: BE093031.D
Acq: 15 May 2017 12:59

Tgt Ion:149 Resp: 1971

Ion	Ratio	Lower	Upper
149	100		
167	26.8	20.1	30.1
279	2.4	2.2	3.4



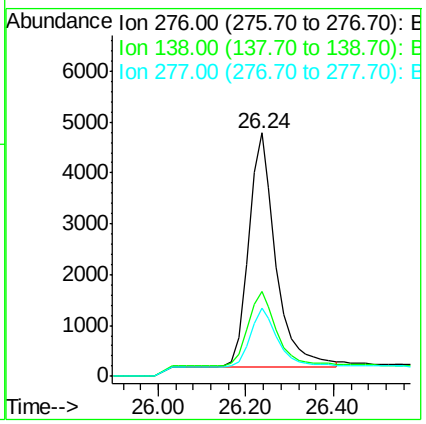


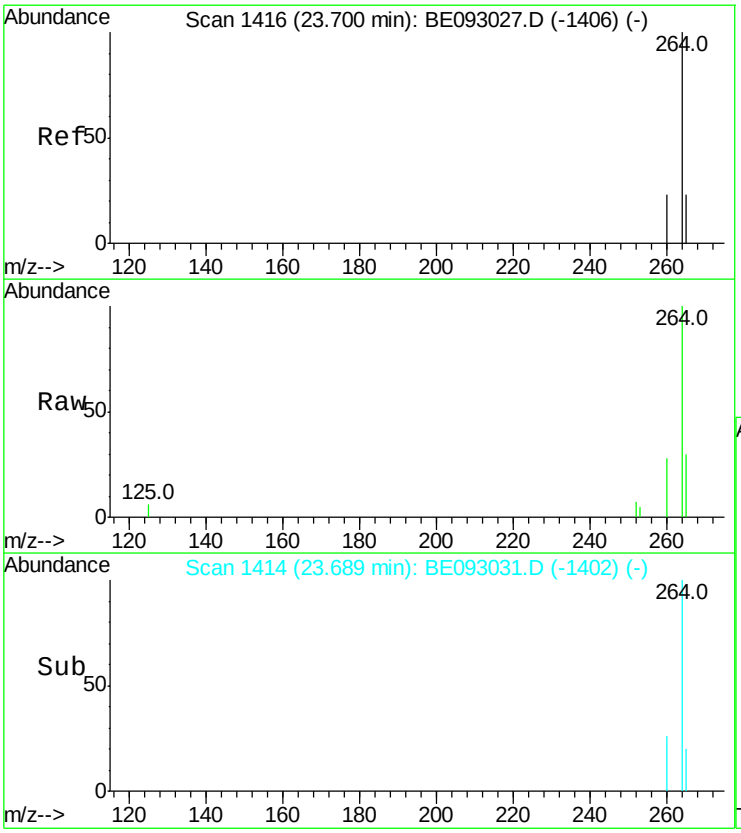
#33
Indeno(1,2,3-cd)pyrene
Concen: 0.42 ng
RT: 26.24 min Scan# 1626
Delta R.T. 0.02 min
Lab File: BE093031.D
Acq: 15 May 2017 12:59

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:276 Resp: 19811

Ion	Ratio	Lower	Upper
276	100		
138	33.8	27.4	41.2
277	25.1	20.1	30.1

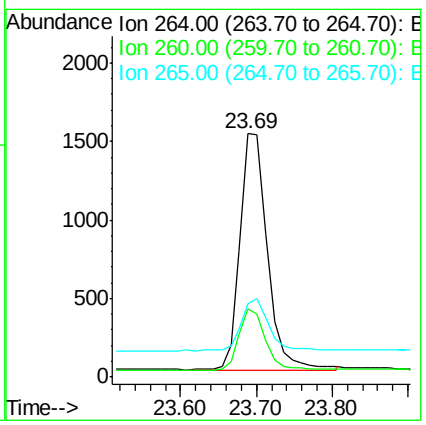


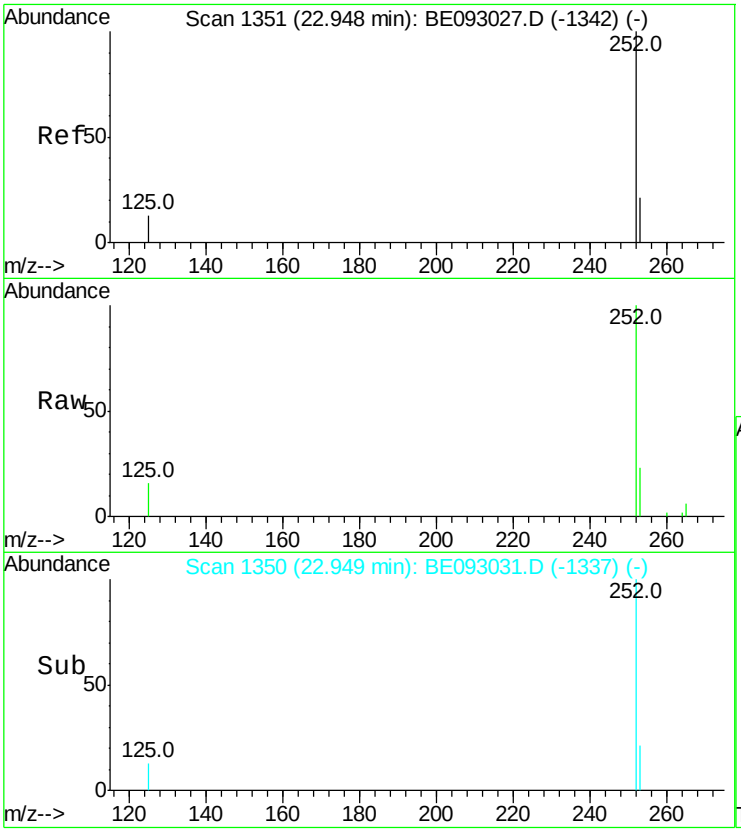


#34
Perylene-d12
Concen: 0.40 ng
RT: 23.69 min Scan# 1414
Delta R.T. -0.01 min
Lab File: BE093031.D
Acq: 15 May 2017 12:59

Tgt Ion:264 Resp: 3767

Ion	Ratio	Lower	Upper
264	100		
260	28.2	21.0	31.4
265	30.3	24.6	36.8



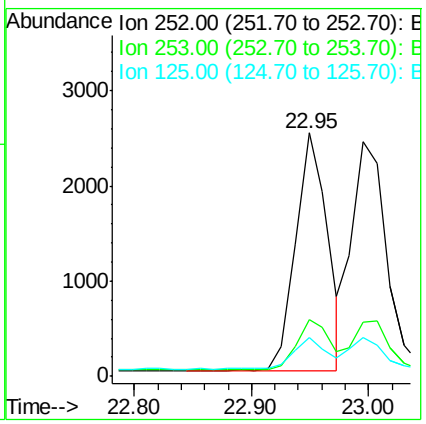


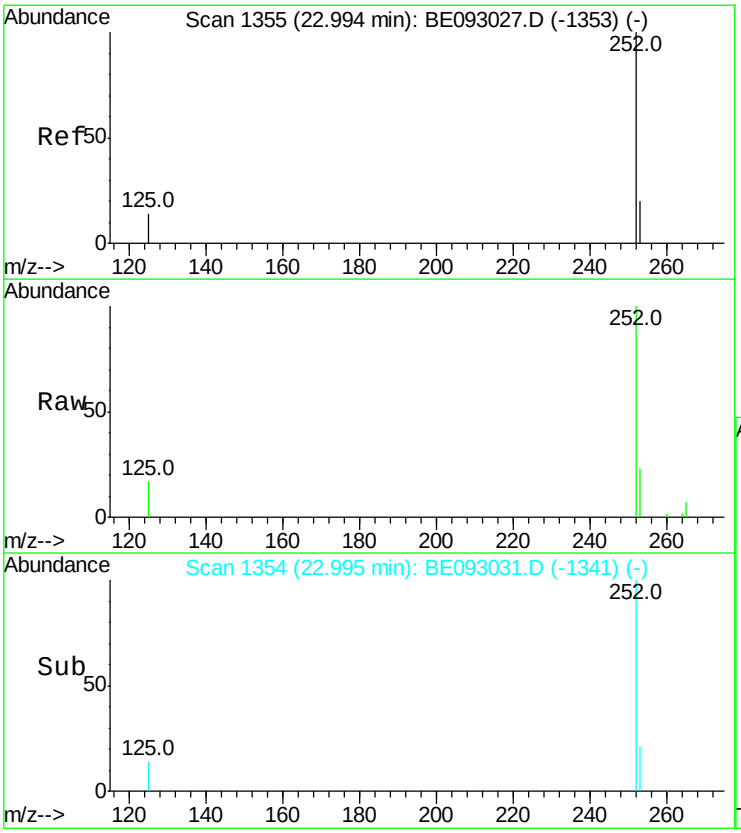
#35
Benzo(b)fluoranthene
Concen: 0.39 ng
RT: 22.95 min Scan# 1350
Delta R.T. 0.00 min
Lab File: BE093031.D
Acq: 15 May 2017 12:59

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:252 Resp: 4689

Ion	Ratio	Lower	Upper
252	100		
253	23.0	18.5	27.7
125	15.9	13.4	20.0

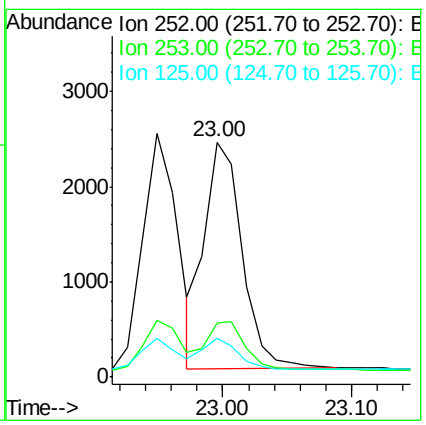


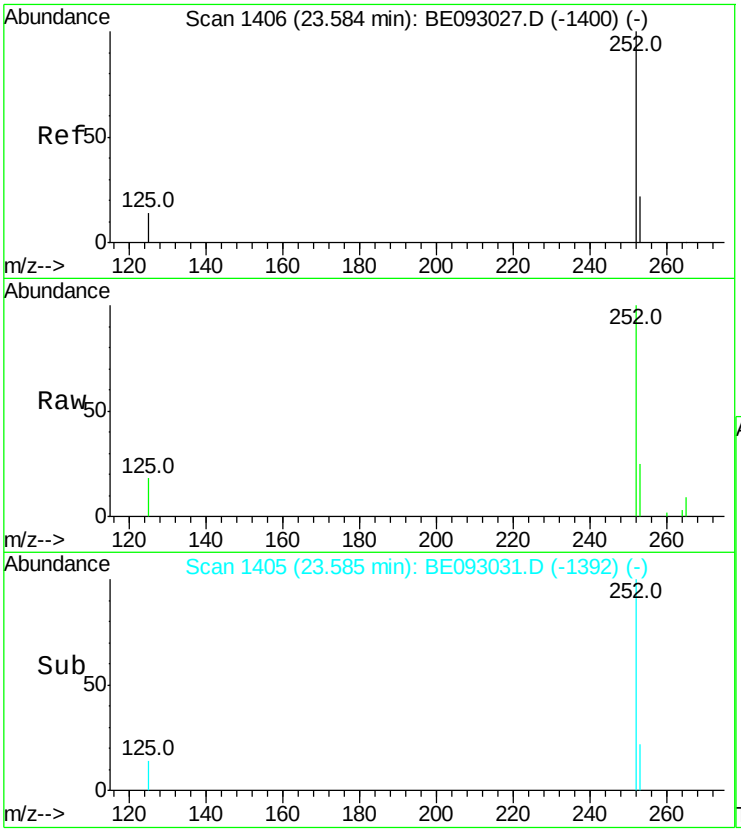


#36
Benzo(k)fluoranthene
Concen: 0.41 ng
RT: 23.00 min Scan# 1354
Delta R.T. 0.00 min
Lab File: BE093031.D
Acq: 15 May 2017 12:59

Tgt Ion:252 Resp: 4860

Ion	Ratio	Lower	Upper
252	100		
253	23.0	20.3	30.5
125	16.7	12.2	18.4



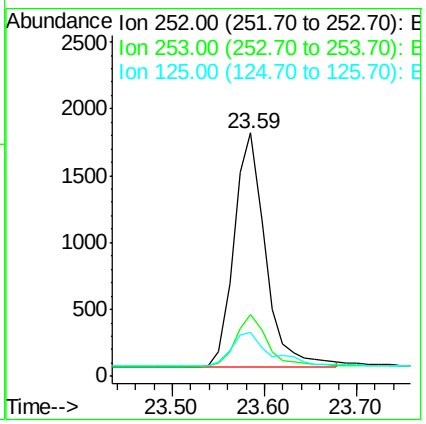


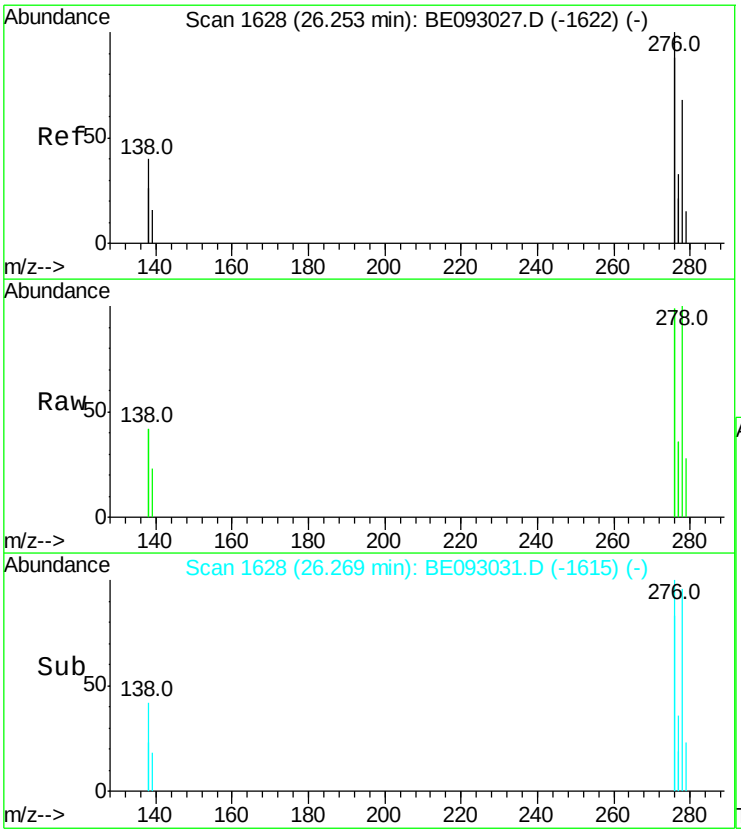
#37
Benzo(a)pyrene
Concen: 0.38 ng
RT: 23.59 min Scan# 1405
Delta R.T. 0.00 min
Lab File: BE093031.D
Acq: 15 May 2017 12:59

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:252 Resp: 4162

Ion	Ratio	Lower	Upper
252	100		
253	25.2	19.9	29.9
125	17.8	14.6	21.8

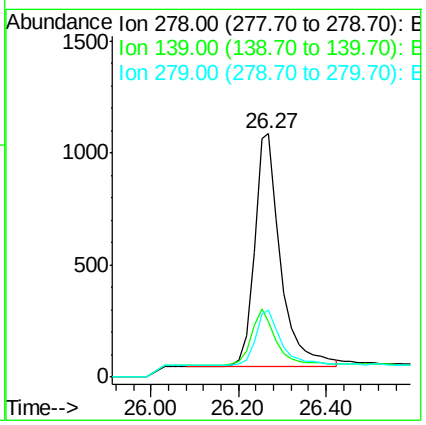


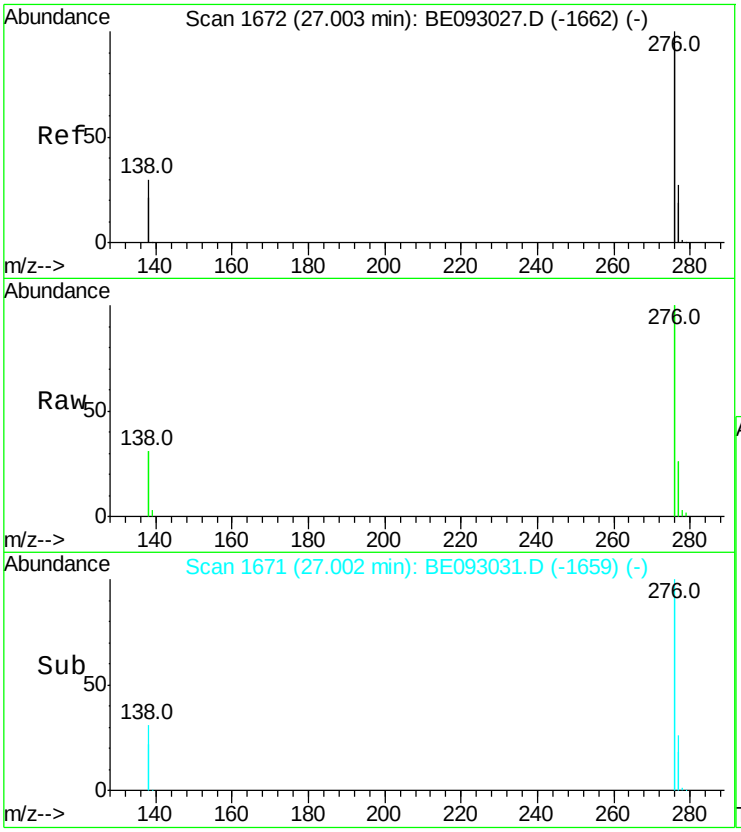


#38
Dibenzo(a,h)anthracene
Concen: 0.43 ng
RT: 26.27 min Scan# 1628
Delta R.T. 0.02 min
Lab File: BE093031.D
Acq: 15 May 2017 12:59

Tgt Ion:278 Resp: 4323

Ion	Ratio	Lower	Upper
278	100		
139	22.7	21.4	32.0
279	27.7	22.2	33.2





#39
Benzo(g,h,i)perylene
Concen: 0.40 ng
RT: 27.00 min Scan# 1671
Delta R.T. -0.00 min
Lab File: BE093031.D
Acq: 15 May 2017 12:59

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:276 Resp: 17824

Ion	Ratio	Lower	Upper
276	100		
277	26.2	21.2	31.8
138	30.5	24.5	36.7