Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA E\DATA\BE051517\
Data File : BE093041.D
Acq On : 15 May 2017 19:18
Operator : SJ/MA
Sample : I3079-08
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument : BNA_E
ClientSampleId :

Quant Time: May 16 01:13:20 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	1039	0.40	ng		0.00
7) Naphthalene-d8	10.53	136	4454	0.40	ng		0.00
13) Acenaphthene-d10	14.39	164	2476	0.40	ng		0.00
19) Phenanthrene-d10	17.13	188	6602	0.40	ng		0.00
27) Chrysene-d12	21.28	240	6386	0.40	ng		0.00
34) Perylene-d12	23.69	264	5485	0.40	ng		-0.01
System Monitoring Compounds							
4) 2-Fluorophenol	5.36	112	549	0.17	ng		0.00
5) Phenol-d6	6.92	99	487	0.11	ng		0.00
8) Nitrobenzene-d5	8.88	82	1947	0.50	ng		0.00
11) 2-Methylnaphthalene-d10	12.11	152	2121	0.32	ng		0.00
14) 2,4,6-Tribromophenol	15.87	330	331	0.45	ng		-0.01
15) 2-Fluorobiphenyl	13.01	172	4314	0.42	ng		0.00
25) Fluoranthene-d10	19.14	212	5766	0.33	ng		0.00
29) Terphenyl-d14	19.74	244	7611	0.64	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.30	88	883	0.43	ng	#	70
3) n-Nitrosodimethylamine	3.54	42	226	0.12	ng	#	1
6) bis(2-Chloroethyl)ether	7.18	93	339	0.10	ng	#	98
9) Naphthalene	10.58	128	959	0.08	ng	#	42
10) Hexachlorobutadiene	10.87	225	1	0.00	ng	#	35
12) 2-Methylnaphthalene	12.19	142	278	0.04	ng	#	83
16) Acenaphthylene	14.10	152	311	0.01	ng	#	30
17) Acenaphthene	14.44	154	57	0.01	ng	#	1
18) Fluorene	15.43	166	187	0.02	ng		93
21) Hexachlorobenzene	16.47	284	12	Below Cal		#	100
22) Pentachlorophenol	16.79	266	21	0.00	ng	#	83
23) Phenanthrene	17.16	178	216	Below Cal		#	1
24) Anthracene	17.27	178	150	Below Cal		#	52
28) Pyrene	19.51	202	365	0.00	ng	#	1
30) Benzo(a)anthracene	21.27	228	123	0.01	ng	#	1
31) Chrysene	21.27	228	176	0.01	ng	#	1
32) Bis(2-ethylhexyl)phthalate	21.20	149	4436	0.50	ng		97
33) Indeno(1,2,3-cd)pyrene	26.22	276	235	0.00	ng	#	48
35) Benzo(b)fluoranthene	22.95	252	50	0.00	ng	#	1
36) Benzo(k)fluoranthene	22.99	252	33	0.00	ng	#	1
37) Benzo(a)pyrene	23.57	252	28	0.00	ng	#	1
38) Dibenzo(a,h)anthracene	26.25	278	40	0.00	ng	#	1
39) Benzo(g,h,i)perylene	27.00	276	176	0.00	ng	#	1

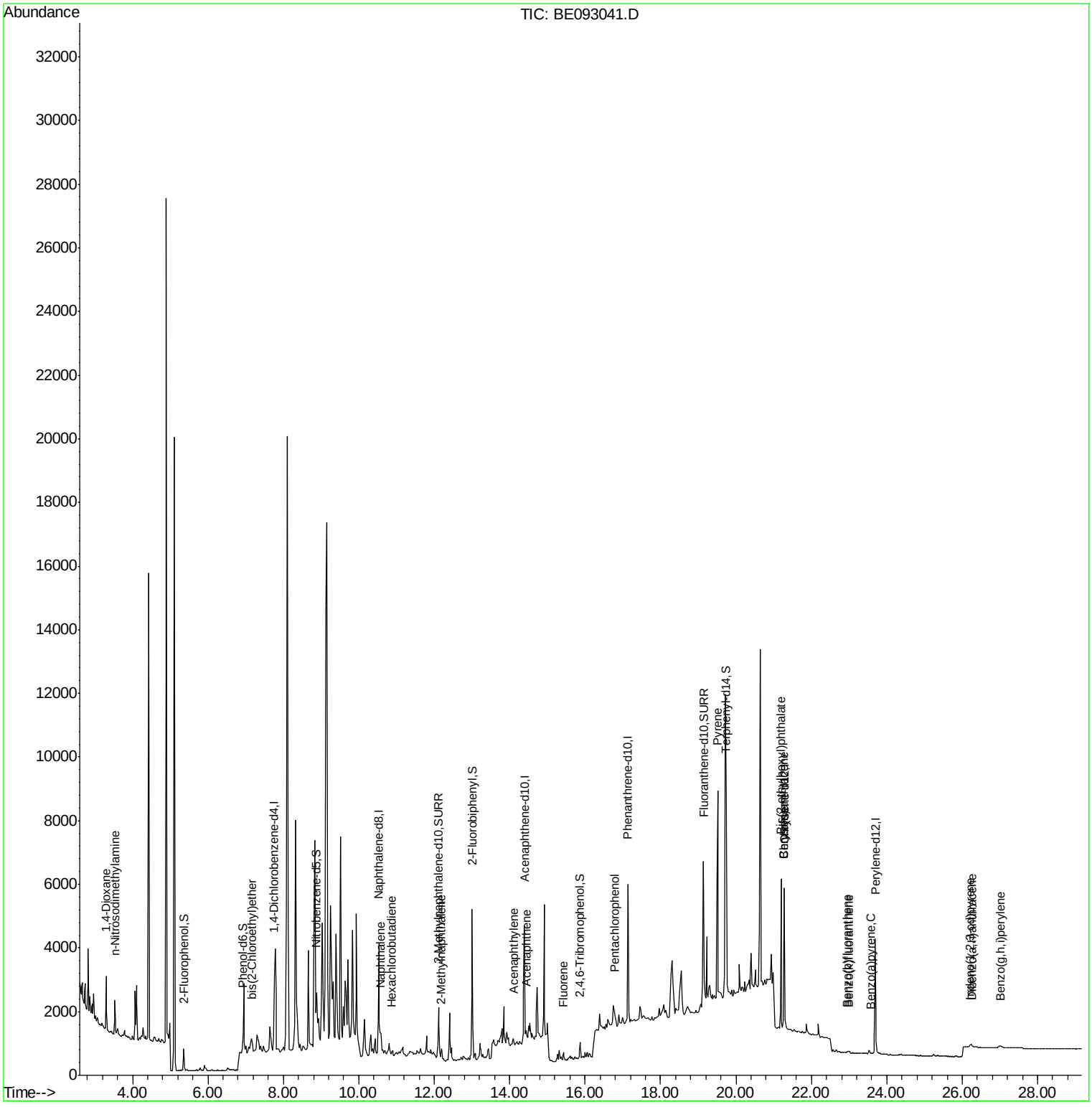
(#) = qualifier out of range (m) = manual integration (+) = signals summed

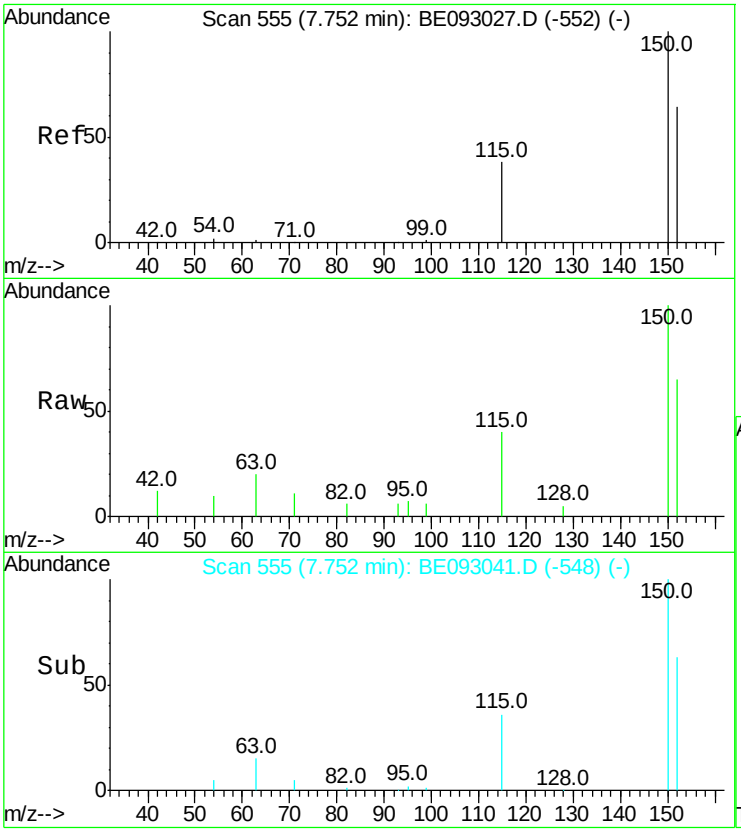
Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA E\DATA\BE051517\
Data File : BE093041.D
Acq On : 15 May 2017 19:18
Operator : SJ/MA
Sample : I3079-08
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
BNA_E
ClientSampleId :

Quant Time: May 16 01:13:20 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



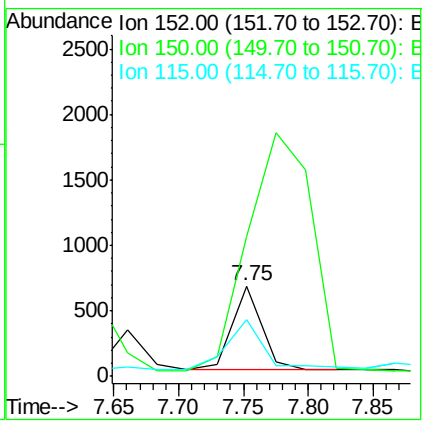


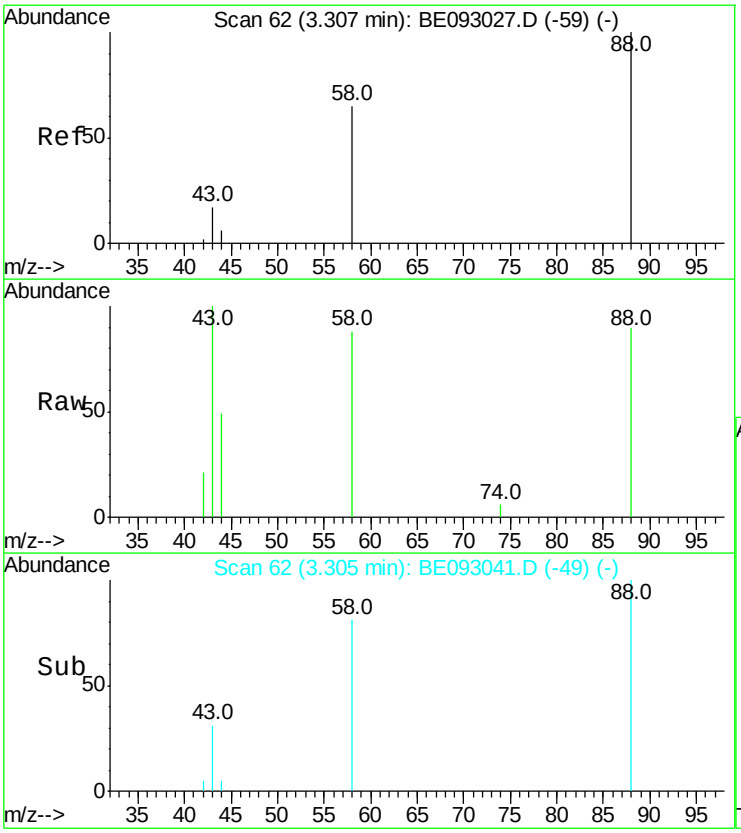
#1
1,4-Dichlorobenzene-d4
Concen: 0.40 ng
RT: 7.75 min Scan# 555
Delta R.T. 0.00 min
Lab File: BE093041.D
Acq: 15 May 2017 19:18

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:152 Resp: 1039

Ion	Ratio	Lower	Upper
152	100		
150	155.0	125.1	187.7
115	62.1	55.7	83.5

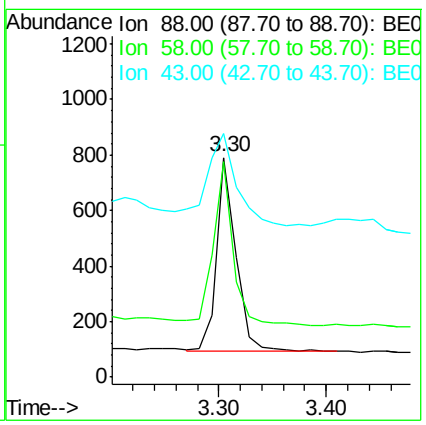


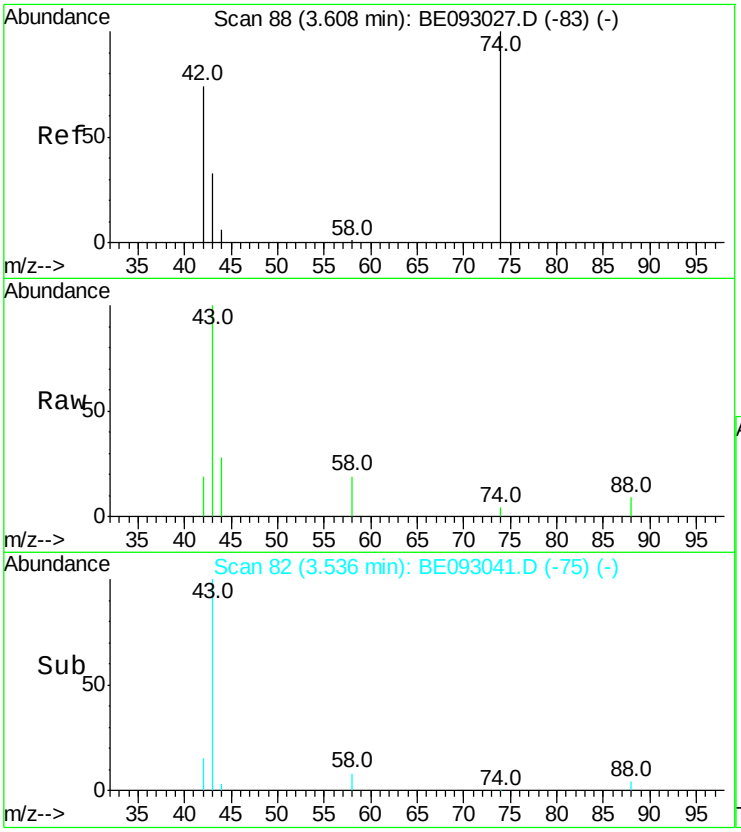


#2
1,4-Dioxane
Concen: 0.43 ng
RT: 3.30 min Scan# 62
Delta R.T. -0.00 min
Lab File: BE093041.D
Acq: 15 May 2017 19:18

Tgt Ion: 88 Resp: 883

Ion	Ratio	Lower	Upper
88	100		
58	86.0	62.2	93.4
43	75.3	23.2	34.8#



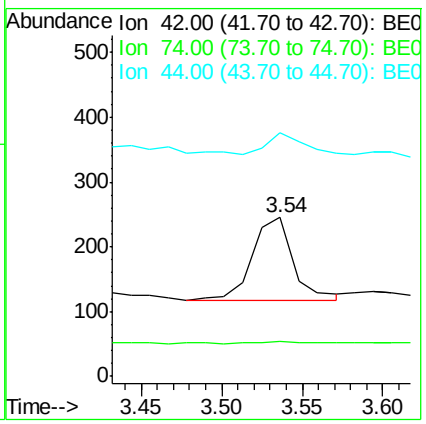


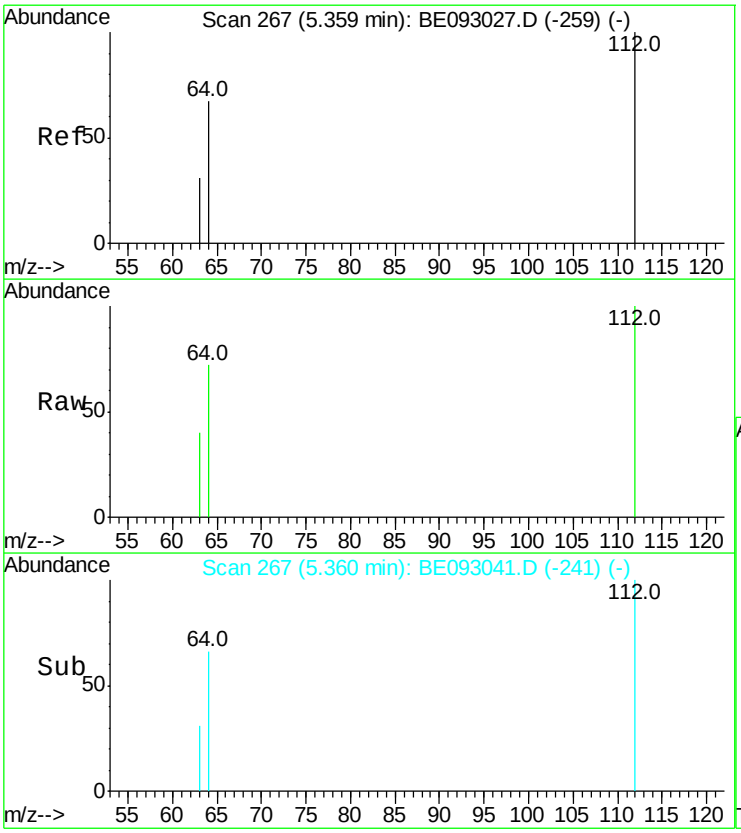
#3
n-Nitrosodimethylamine
Concen: 0.12 ng
RT: 3.54 min Scan# 82
Delta R.T. -0.07 min
Lab File: BE093041.D
Acq: 15 May 2017 19:18

Instrument :
BNA_E
ClientSampleId :

Tgt Ion: 42 Resp: 226

Ion	Ratio	Lower	Upper
42	100		
74	1.3	99.1	148.7#
44	21.7	7.4	11.2#

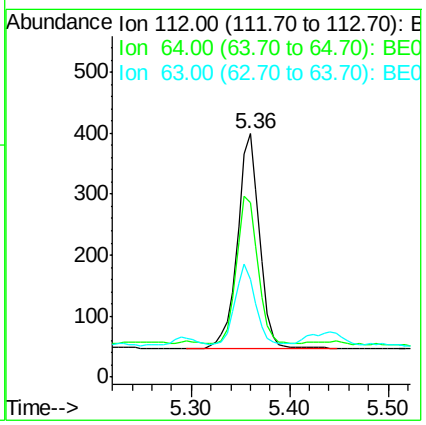


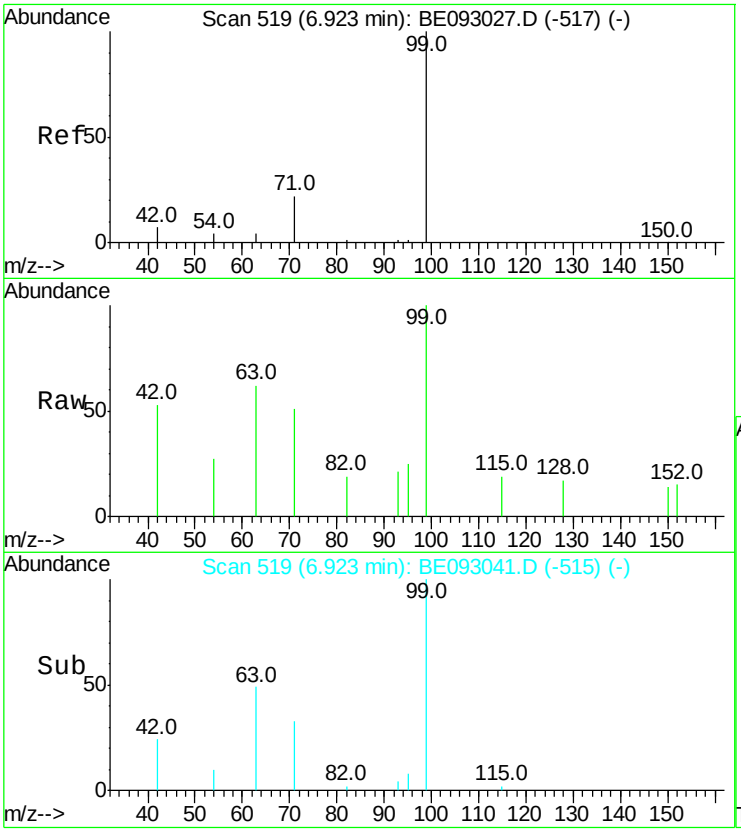


#4
2-Fluorophenol
Concen: 0.17 ng
RT: 5.36 min Scan# 267
Delta R.T. 0.00 min
Lab File: BE093041.D
Acq: 15 May 2017 19:18

Tgt Ion:112 Resp: 549

Ion	Ratio	Lower	Upper
112	100		
64	65.0	56.4	84.6
63	34.6	29.3	43.9



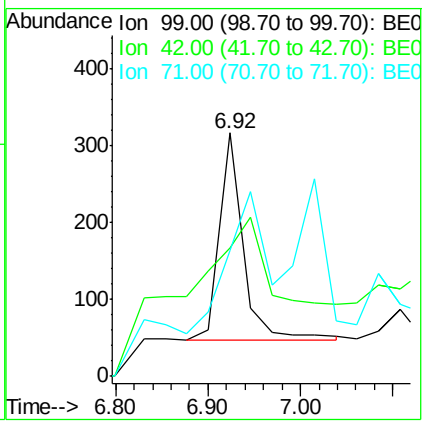


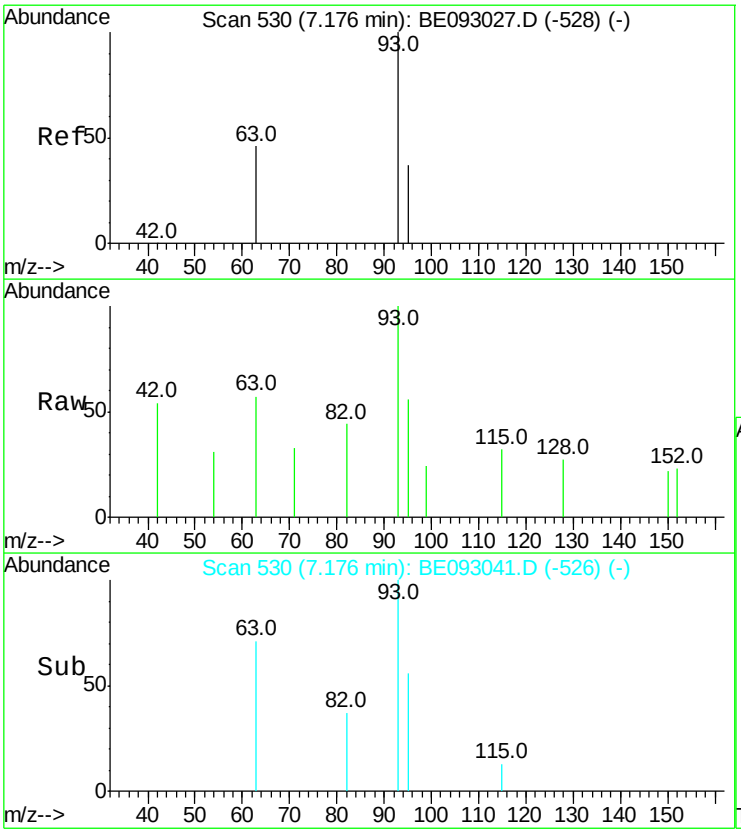
#5
Phenol-d6
Concen: 0.11 ng
RT: 6.92 min Scan# 519
Delta R.T. 0.00 min
Lab File: BE093041.D
Acq: 15 May 2017 19:18

Instrument :
BNA_E
ClientSampleId :

Tgt Ion: 99 Resp: 487

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

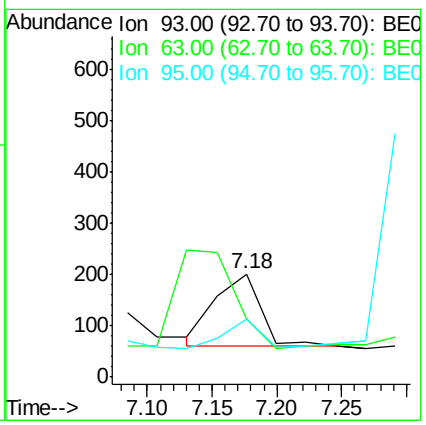


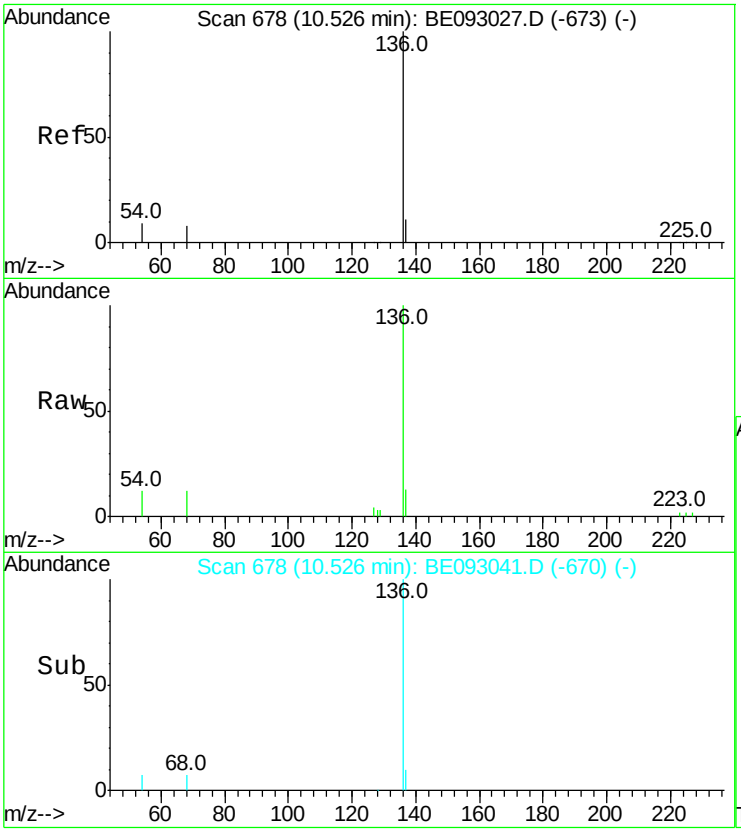


#6
bis(2-Chloroethyl)ether
Concen: 0.10 ng
RT: 7.18 min Scan# 530
Delta R.T. 0.00 min
Lab File: BE093041.D
Acq: 15 May 2017 19:18

Tgt Ion: 93 Resp: 339

Ion	Ratio	Lower	Upper
93	100		
63	0.0	0.0	0.0
95	33.0	25.4	38.0



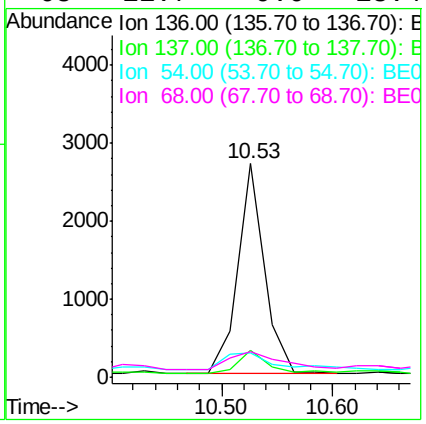


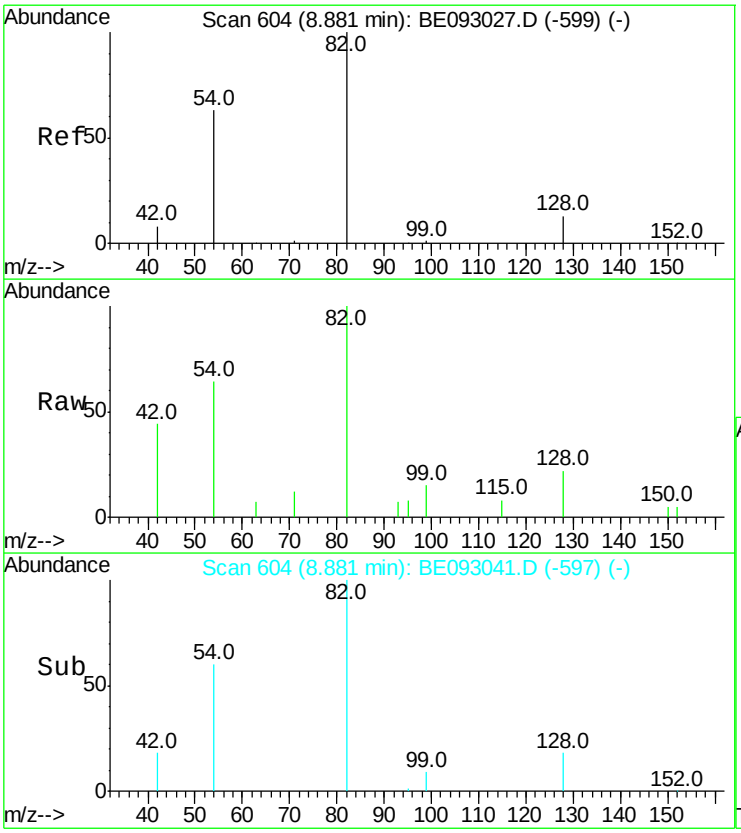
#7
Naphthalene-d8
Concen: 0.40 ng
RT: 10.53 min Scan# 678
Delta R.T. 0.00 min
Lab File: BE093041.D
Acq: 15 May 2017 19:18

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:136 Resp: 4454

Ion	Ratio	Lower	Upper
136	100		
137	12.7	9.8	14.8
54	11.6	10.3	15.5
68	11.7	9.0	13.4

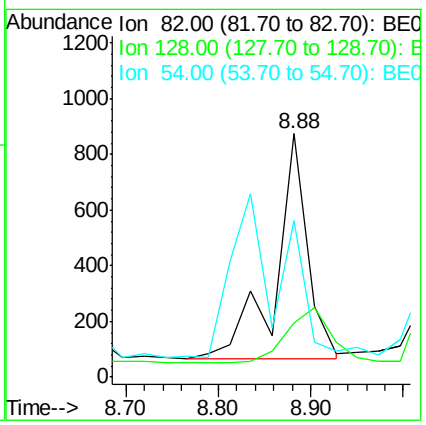


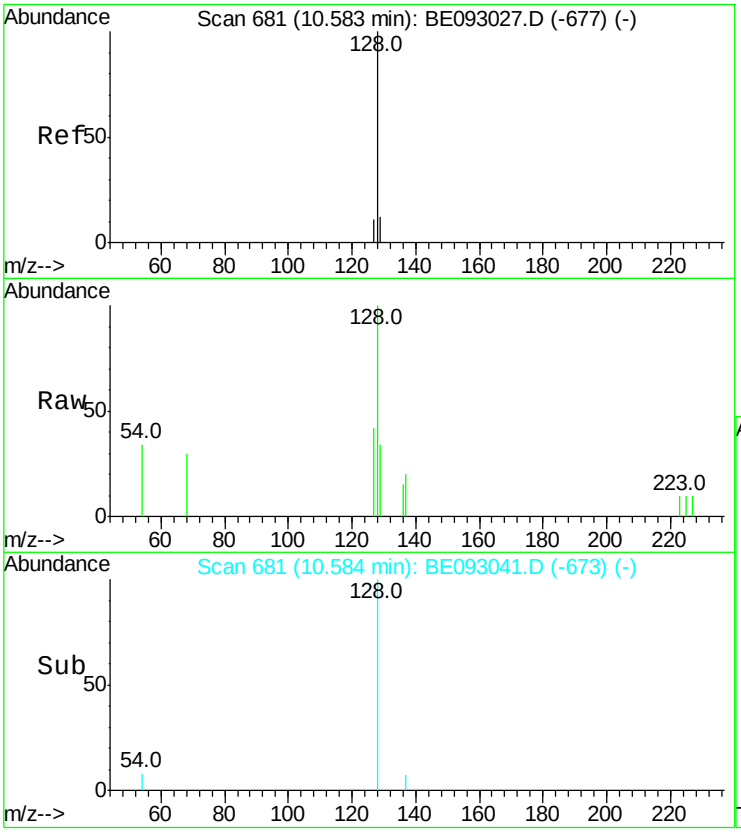


#8
Nitrobenzene-d5
Concen: 0.50 ng
RT: 8.88 min Scan# 604
Delta R.T. 0.00 min
Lab File: BE093041.D
Acq: 15 May 2017 19:18

Tgt Ion: 82 Resp: 1947

Ion	Ratio	Lower	Upper
82	100		
128	22.3	17.0	25.4
54	64.3	53.8	80.6



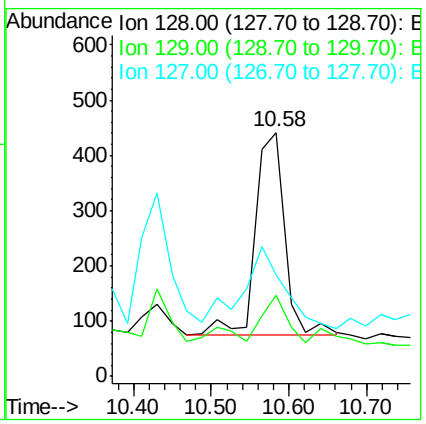


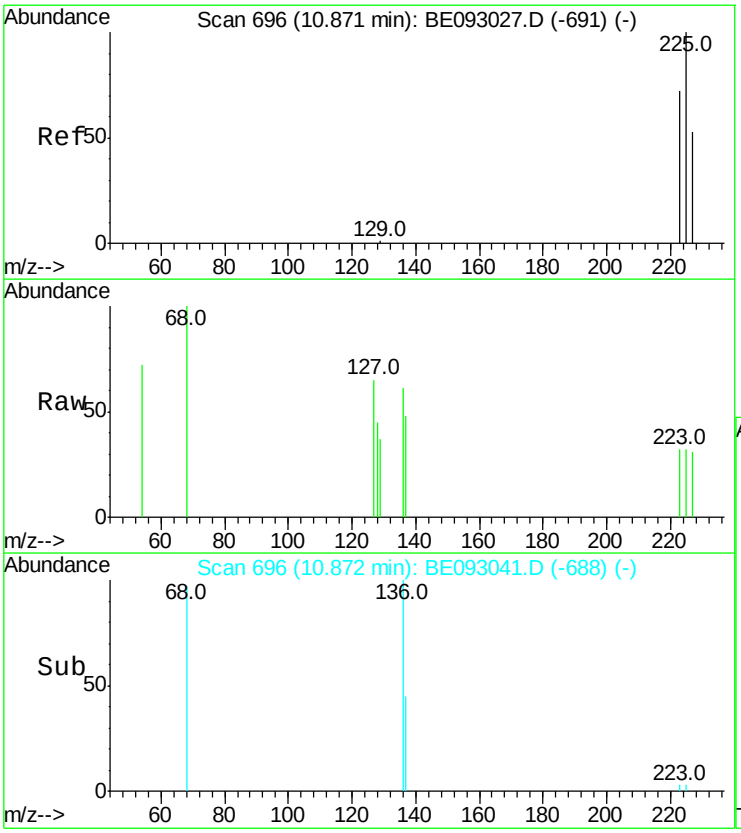
#9
Naphthalene
Concen: 0.08 ng
RT: 10.58 min Scan# 681
Delta R.T. 0.00 min
Lab File: BE093041.D
Acq: 15 May 2017 19:18

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:128 Resp: 959

Ion	Ratio	Lower	Upper
128	100		
129	33.6	11.4	17.0#
127	42.0	11.2	16.8#

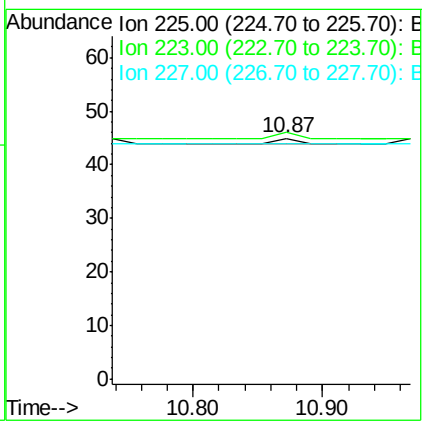


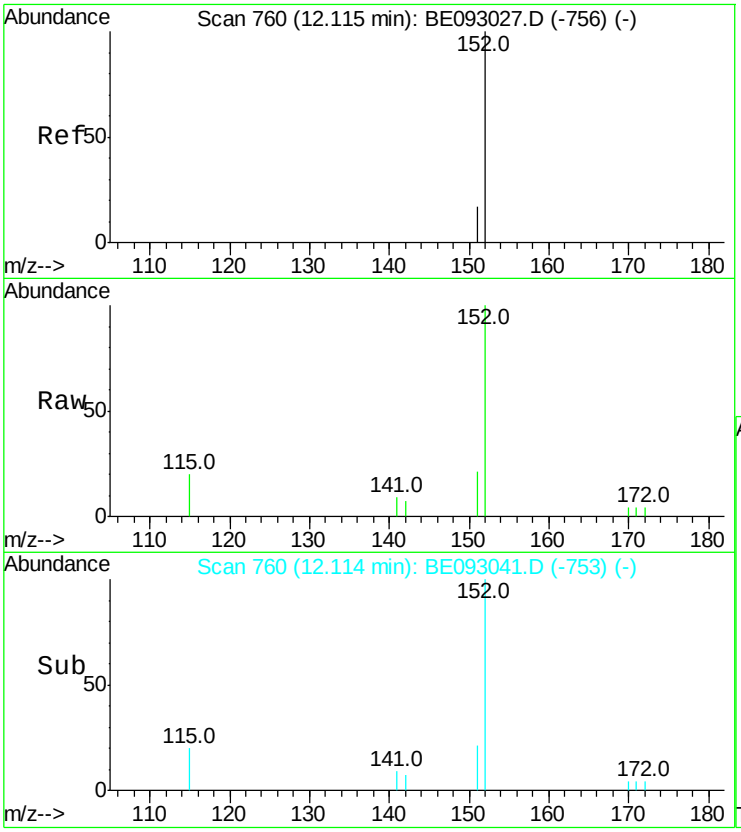


#10
Hexachlorobutadiene
Concen: 0.00 ng
RT: 10.87 min Scan# 696
Delta R.T. 0.00 min
Lab File: BE093041.D
Acq: 15 May 2017 19:18

Tgt Ion:225 Resp: 1

Ion	Ratio	Lower	Upper
225	100		
223	100.0	49.7	74.5#
227	0.0	50.3	75.5#



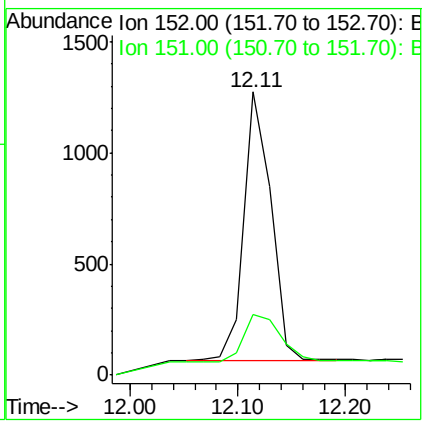


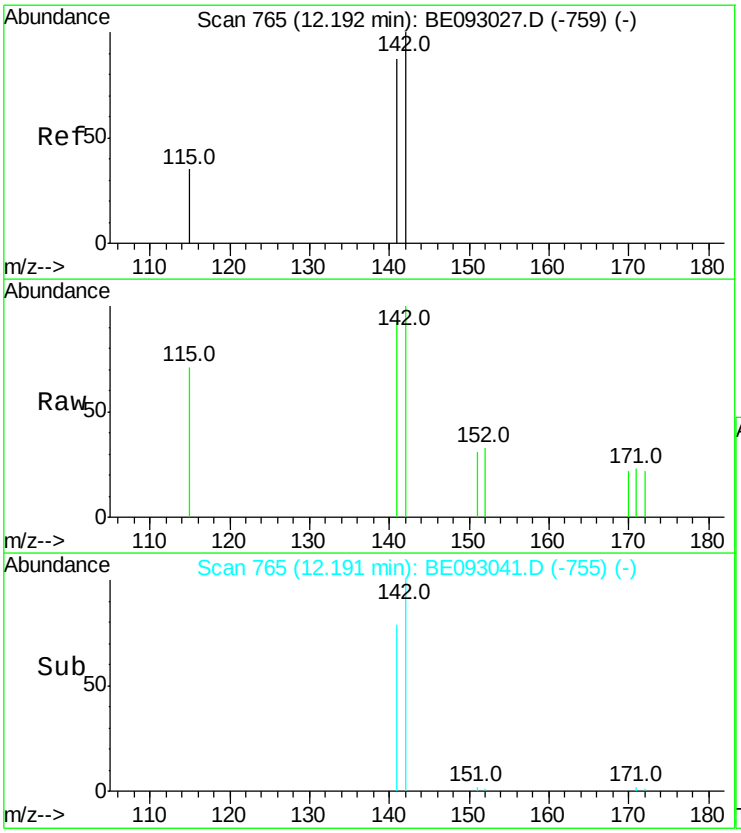
#11
2-Methylnaphthalene-d10
Concen: 0.32 ng
RT: 12.11 min Scan# 760
Delta R.T. -0.00 min
Lab File: BE093041.D
Acq: 15 May 2017 19:18

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:152 Resp: 2121

Ion	Ratio	Lower	Upper
152	100		
151	24.1	15.1	22.7#

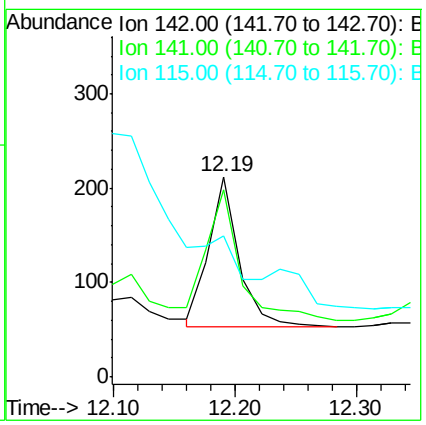


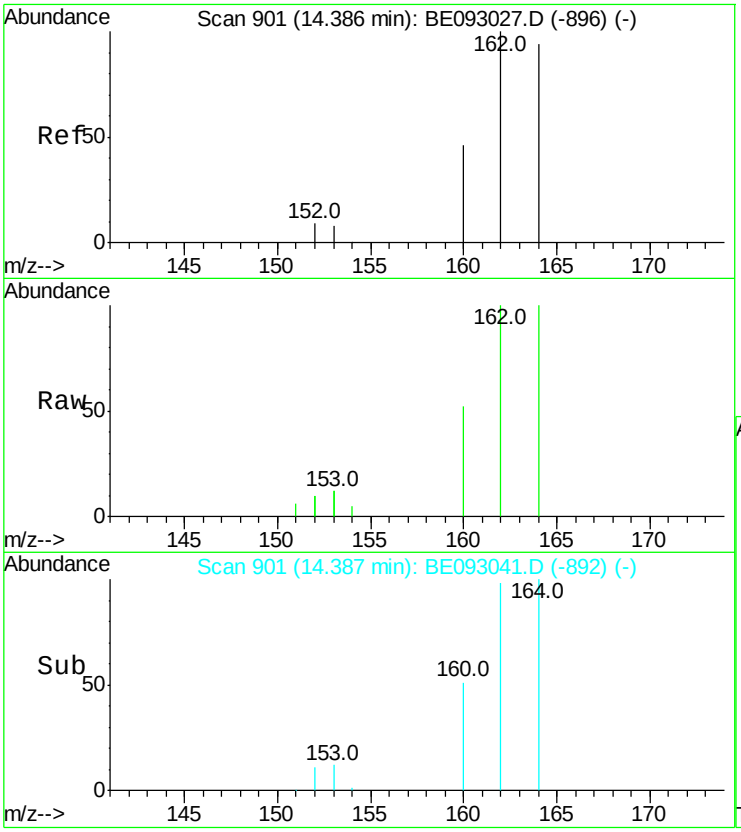


#12
2-Methylnaphthalene
Concen: 0.04 ng
RT: 12.19 min Scan# 765
Delta R.T. -0.00 min
Lab File: BE093041.D
Acq: 15 May 2017 19:18

Tgt Ion:142 Resp: 278

Ion	Ratio	Lower	Upper
142	100		
141	93.4	72.6	108.8
115	70.8	32.2	48.2#



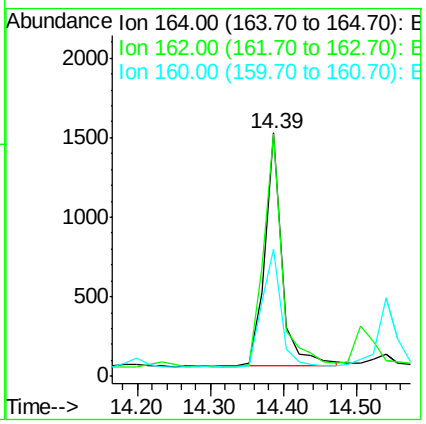


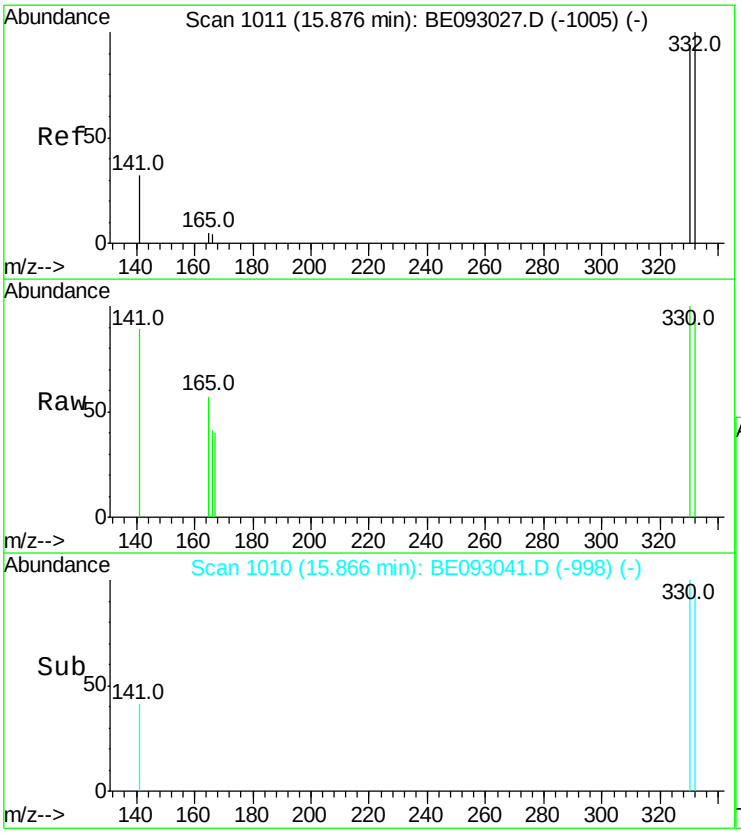
#13
Acenaphthene-d10
Concen: 0.40 ng
RT: 14.39 min Scan# 901
Delta R.T. 0.00 min
Lab File: BE093041.D
Acq: 15 May 2017 19:18

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:164 Resp: 2476

Ion	Ratio	Lower	Upper
164	100		
162	99.6	84.6	127.0
160	52.3	41.8	62.6

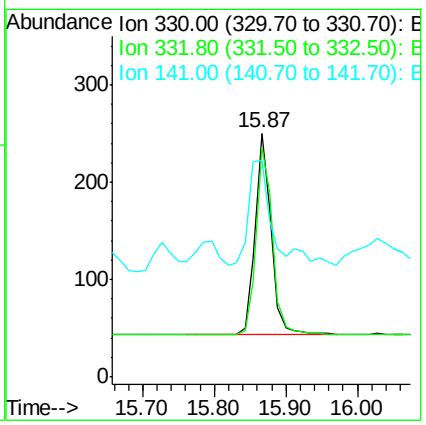


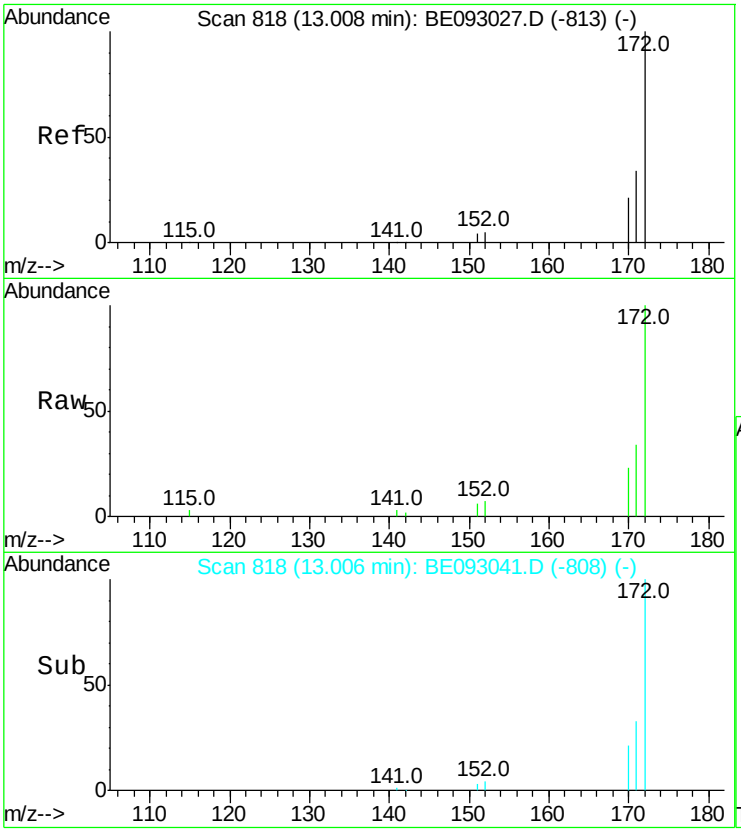


#14
2,4,6-Tribromophenol
Concen: 0.45 ng
RT: 15.87 min Scan# 1010
Delta R.T. -0.01 min
Lab File: BE093041.D
Acq: 15 May 2017 19:18

Tgt Ion:330 Resp: 331

Ion	Ratio	Lower	Upper
330	100		
332	95.2	77.7	116.5
141	77.0	56.2	84.4



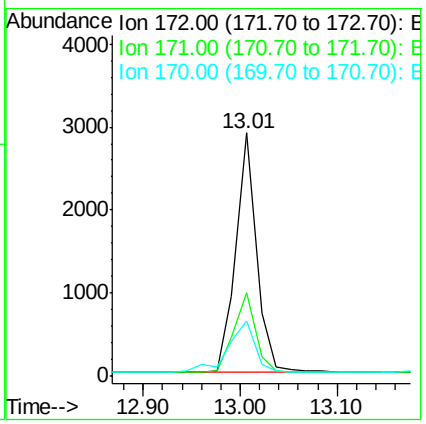


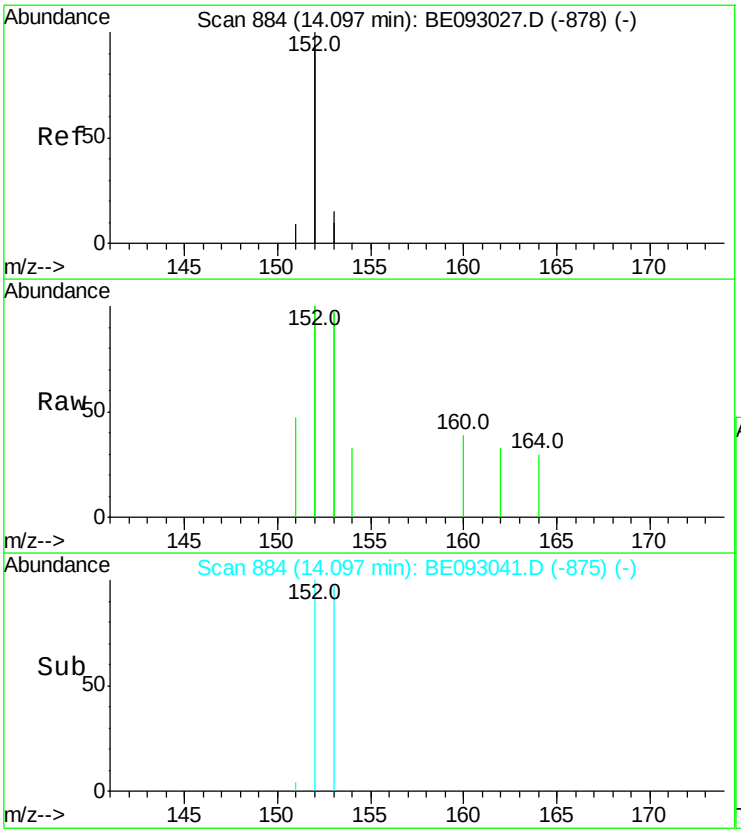
#15
2-Fluorobiphenyl
Concen: 0.42 ng
RT: 13.01 min Scan# 818
Delta R.T. -0.00 min
Lab File: BE093041.D
Acq: 15 May 2017 19:18

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:172 Resp: 4314

Ion	Ratio	Lower	Upper
172	100		
171	34.4	29.8	44.6
170	22.7	20.7	31.1

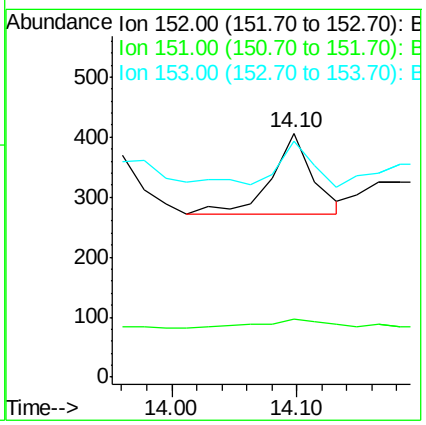


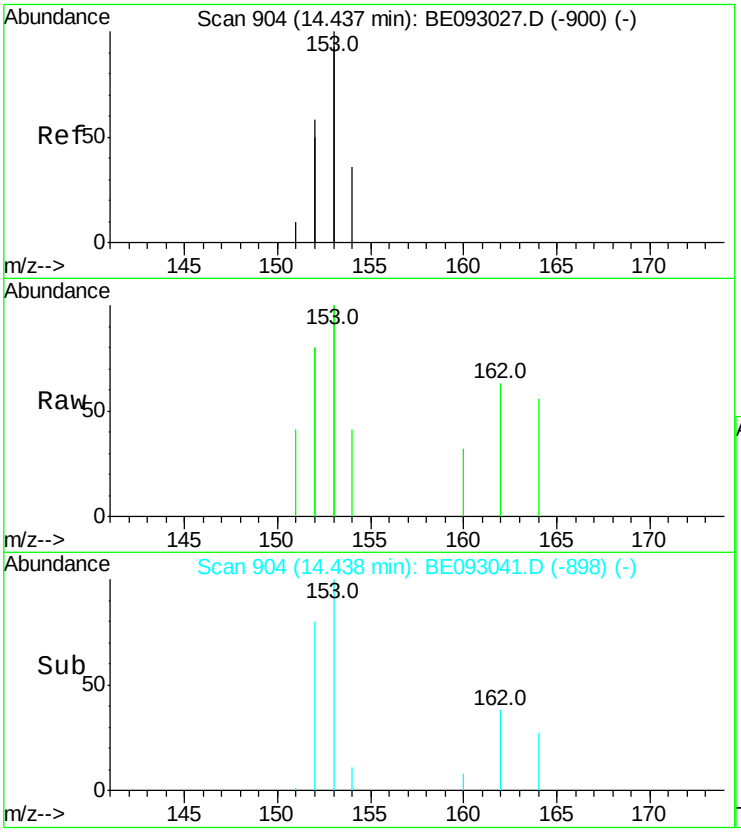


#16
Acenaphthylene
Concen: 0.01 ng
RT: 14.10 min Scan# 884
Delta R.T. 0.00 min
Lab File: BE093041.D
Acq: 15 May 2017 19:18

Tgt Ion:152 Resp: 311

Ion	Ratio	Lower	Upper
152	100		
151	19.3	4.0	6.0#
153	44.7	10.3	15.5#



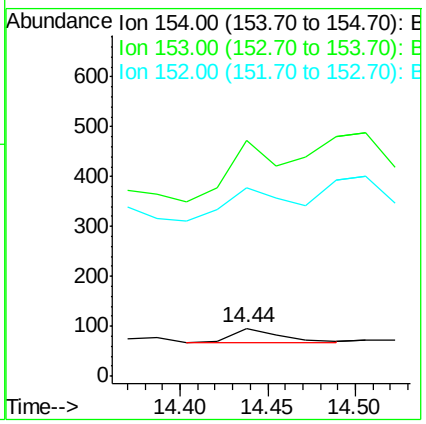


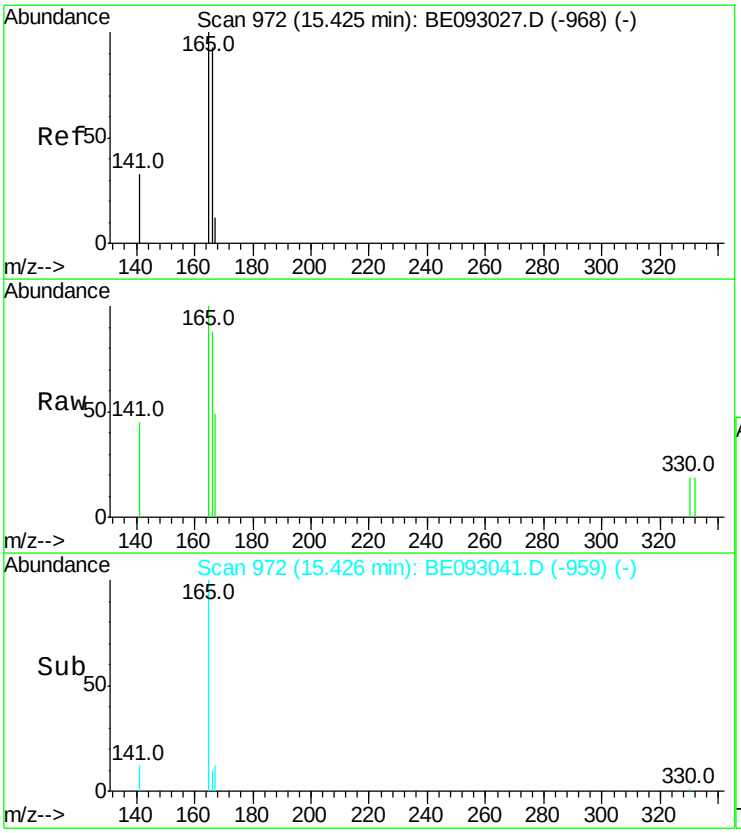
#17
Acenaphthene
Concen: 0.01 ng
RT: 14.44 min Scan# 904
Delta R.T. 0.00 min
Lab File: BE093041.D
Acq: 15 May 2017 19:18

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:154 Resp: 57

Ion	Ratio	Lower	Upper
154	100		
153	0.0	367.8	551.6#
152	0.0	188.2	282.2#

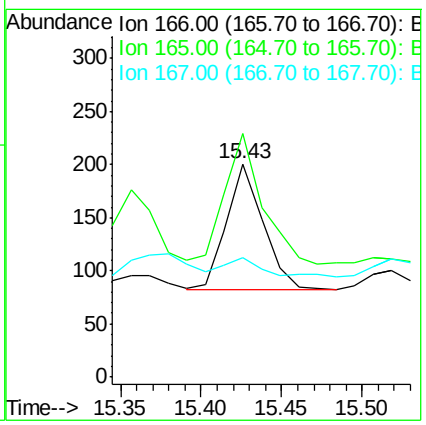


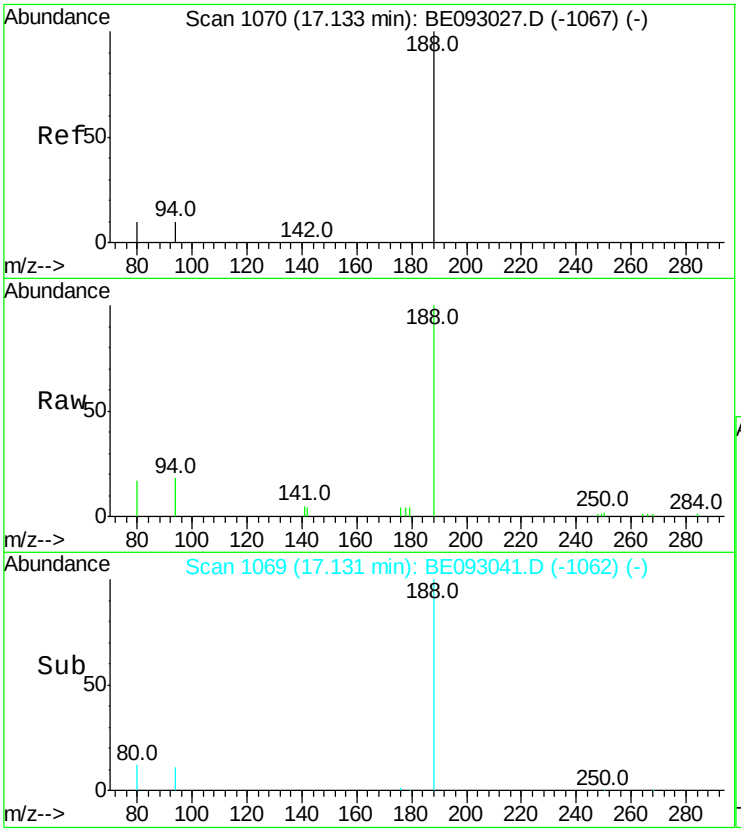


#18
Fluorene
Concen: 0.02 ng
RT: 15.43 min Scan# 972
Delta R.T. 0.00 min
Lab File: BE093041.D
Acq: 15 May 2017 19:18

Tgt Ion:166 Resp: 187

Ion	Ratio	Lower	Upper
166	100		
165	105.3	78.6	117.8
167	16.6	11.1	16.7



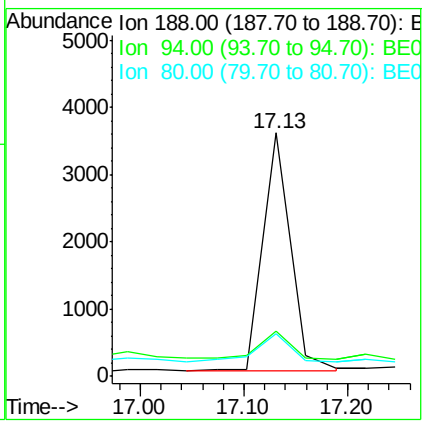


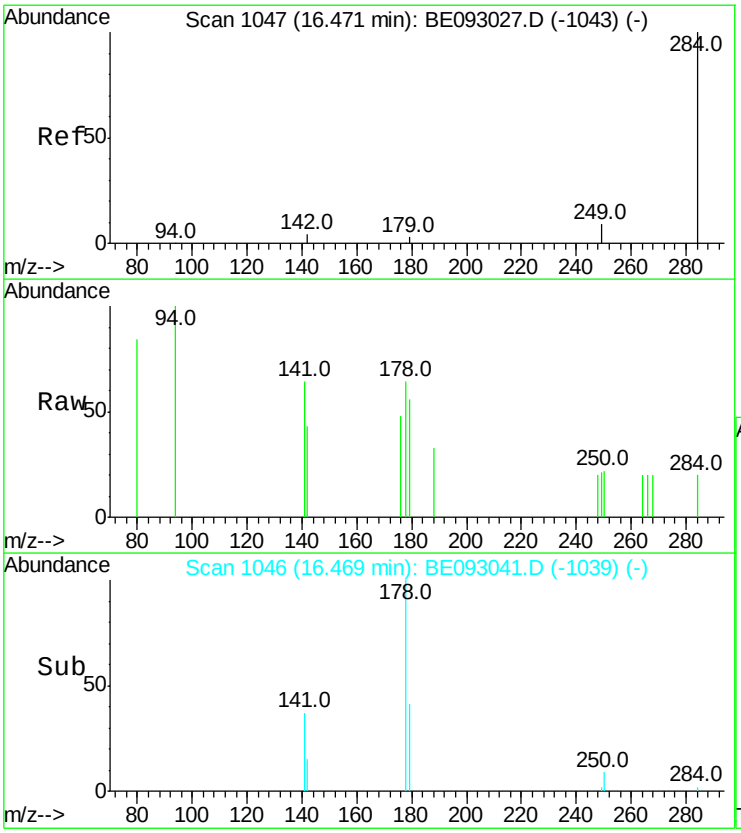
#19
Phenanthrene-d10
Concen: 0.40 ng
RT: 17.13 min Scan# 1069
Delta R.T. -0.00 min
Lab File: BE093041.D
Acq: 15 May 2017 19:18

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:188 Resp: 6602

Ion	Ratio	Lower	Upper
188	100		
94	18.4	11.3	16.9#
80	17.4	11.7	17.5

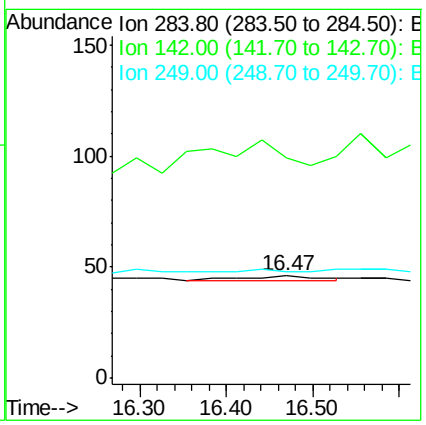


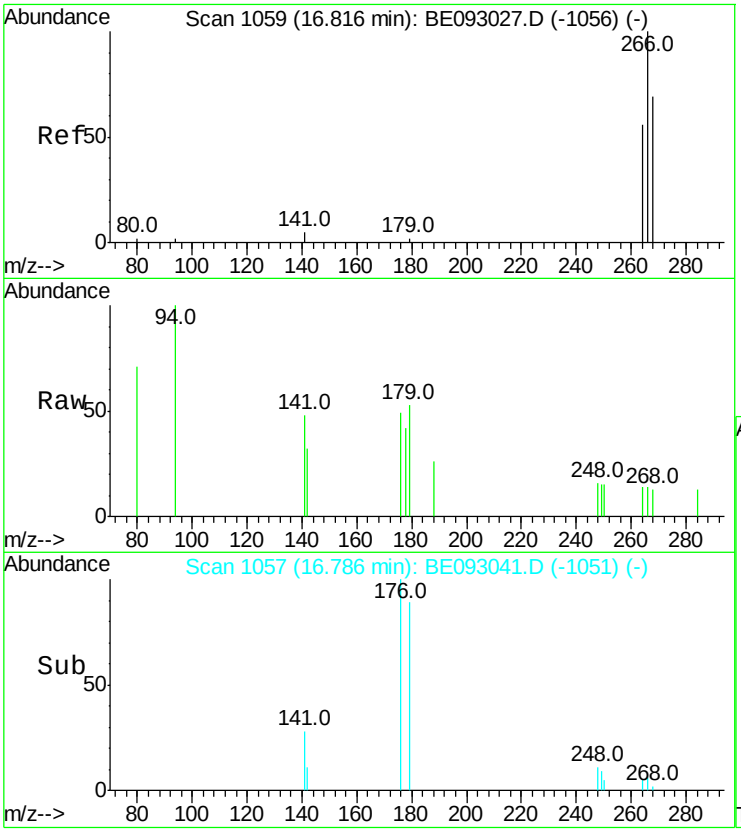


#21
Hexachlorobenzene
Concen: Below Cal
RT: 16.47 min Scan# 1046
Delta R.T. -0.00 min
Lab File: BE093041.D
Acq: 15 May 2017 19:18

Tgt Ion:284 Resp: 12

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



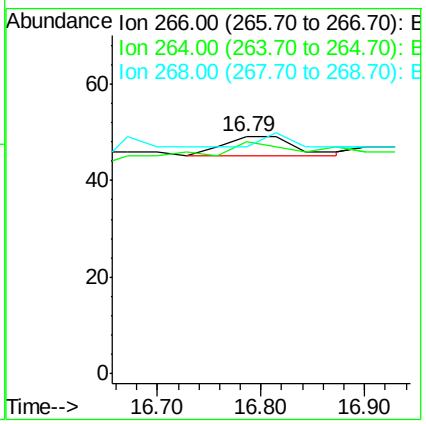


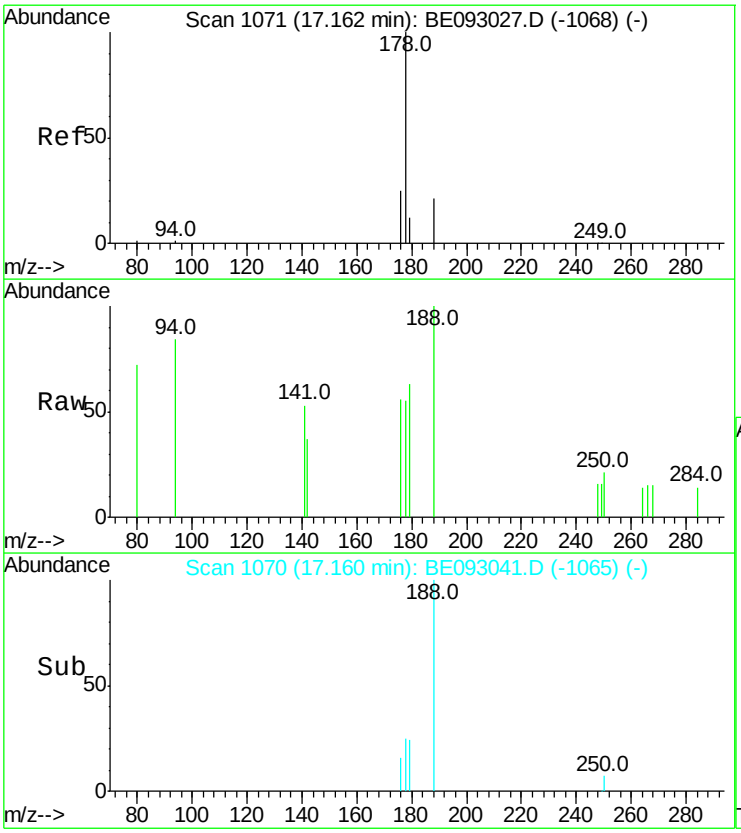
#22
Pentachlorophenol
Concen: 0.00 ng
RT: 16.79 min Scan# 1057
Delta R.T. -0.03 min
Lab File: BE093041.D
Acq: 15 May 2017 19:18

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:266 Resp: 21

Ion	Ratio	Lower	Upper
266	100		
264	98.0	58.2	87.2#
268	95.9	71.9	107.9

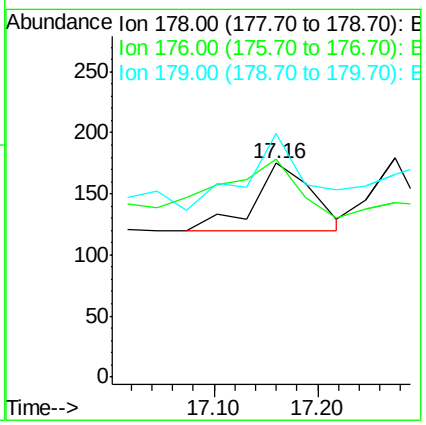


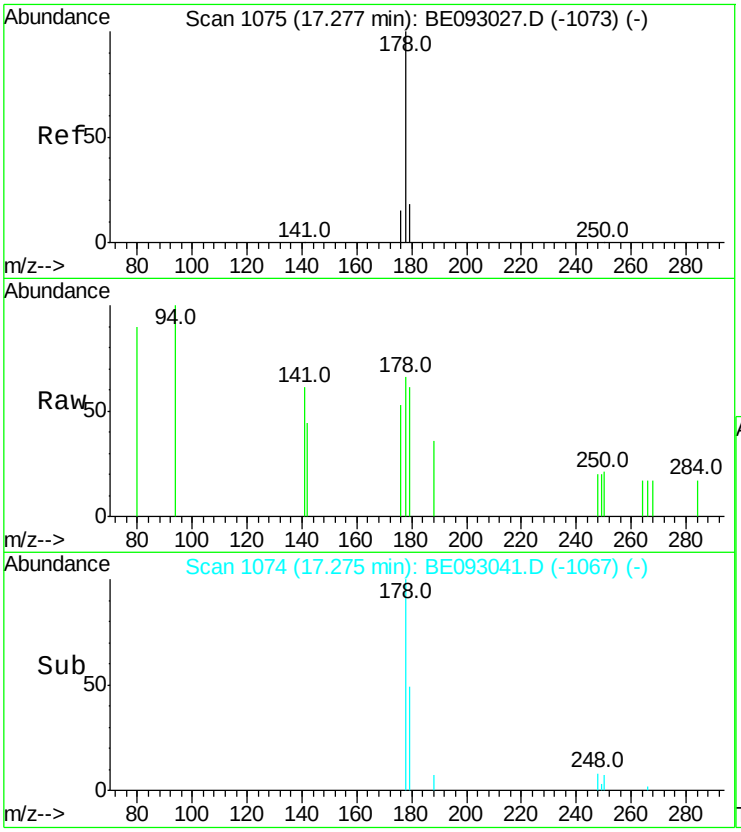


#23
Phenanthrene
Concen: Below Cal
RT: 17.16 min Scan# 1070
Delta R.T. -0.00 min
Lab File: BE093041.D
Acq: 15 May 2017 19:18

Tgt Ion:178 Resp: 216

Ion	Ratio	Lower	Upper
178	100		
176	100.0	15.0	22.4#
179	110.2	12.7	19.1#



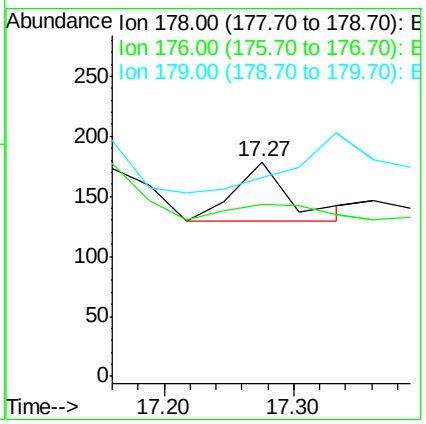


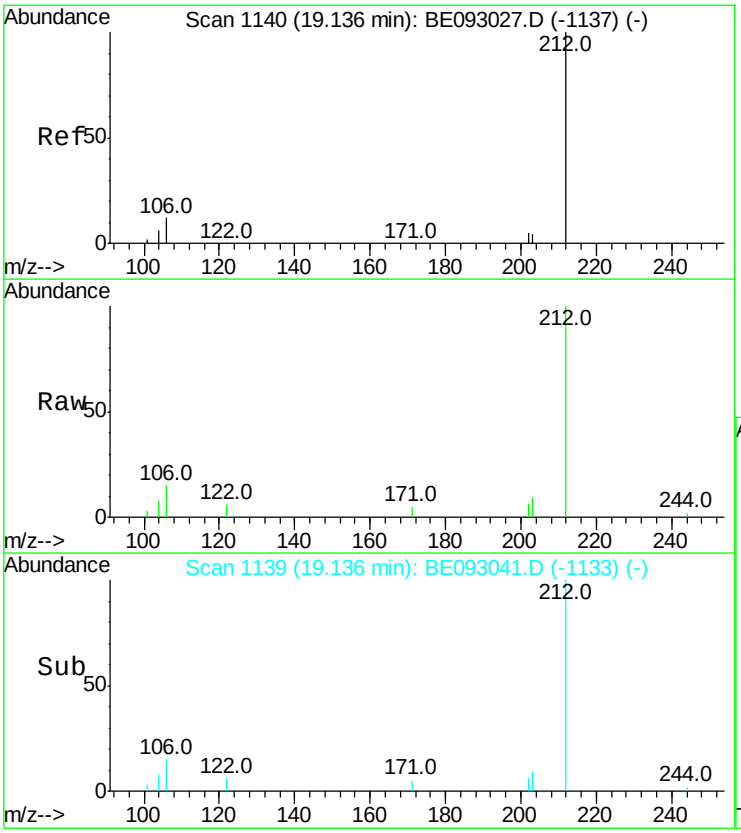
#24
Anthracene
Concen: Below Cal
RT: 17.27 min Scan# 1074
Delta R.T. -0.00 min
Lab File: BE093041.D
Acq: 15 May 2017 19:18

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:178 Resp: 150

Ion	Ratio	Lower	Upper
178	100		
176	44.0	14.6	22.0#
179	0.0	12.0	18.0#

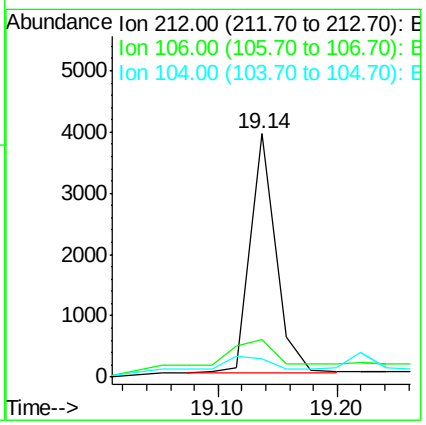


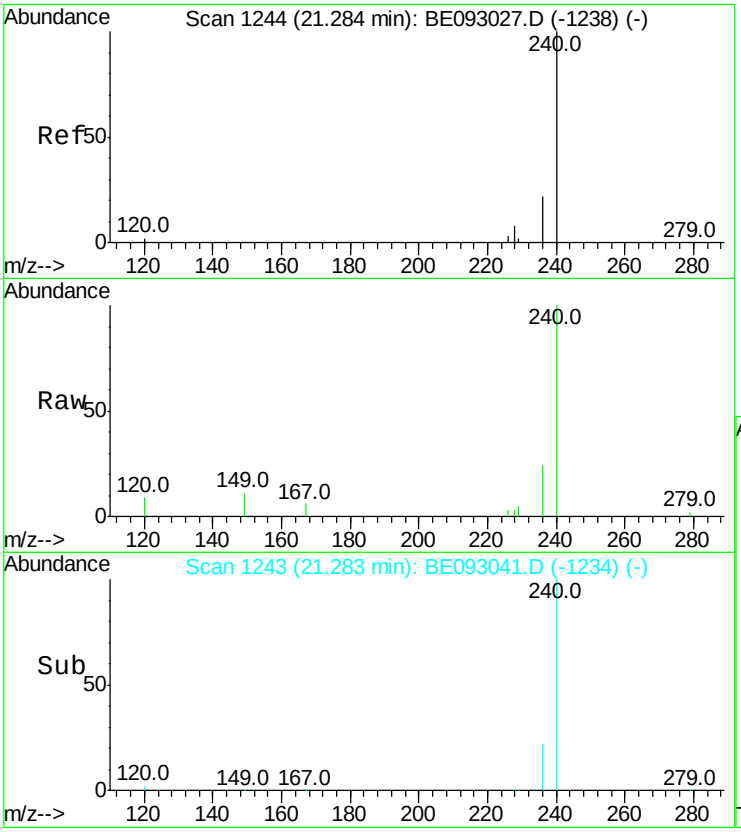


#25
Fluoranthene-d10
Concen: 0.33 ng
RT: 19.14 min Scan# 1139
Delta R.T. 0.00 min
Lab File: BE093041.D
Acq: 15 May 2017 19:18

Tgt Ion:212 Resp: 5766

Ion	Ratio	Lower	Upper
212	100		
106	16.0	0.0	0.0#
104	0.0	0.0	0.0



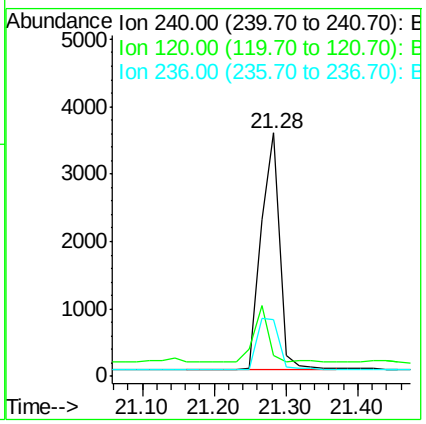


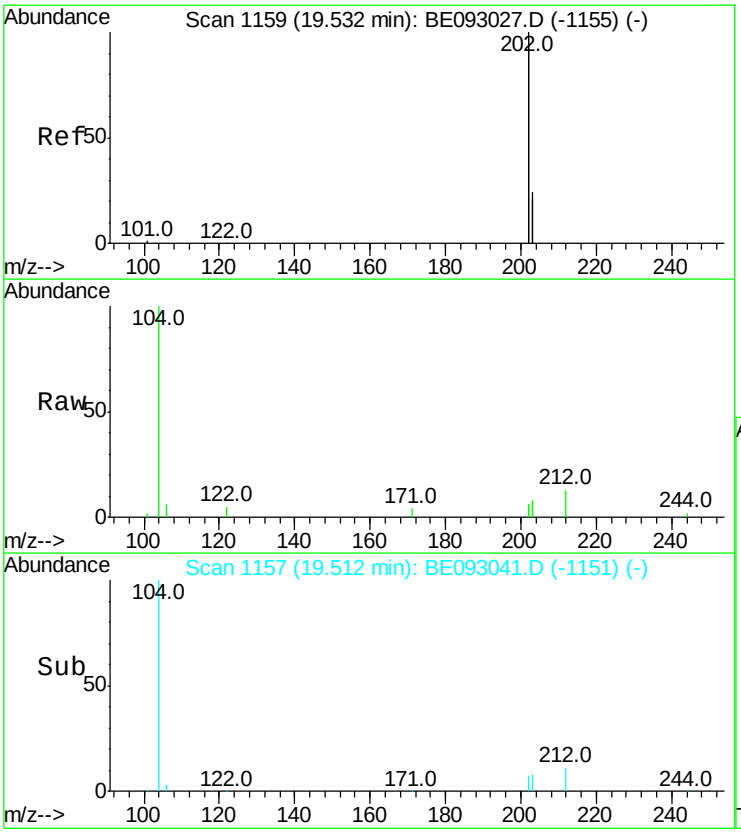
#27
Chrysene-d12
Concen: 0.40 ng
RT: 21.28 min Scan# 1243
Delta R.T. -0.00 min
Lab File: BE093041.D
Acq: 15 May 2017 19:18

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:240 Resp: 6386

Ion	Ratio	Lower	Upper
240	100		
120	8.8	4.6	7.0#
236	23.5	20.8	31.2

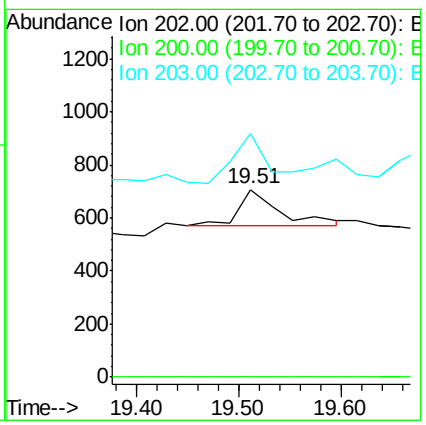


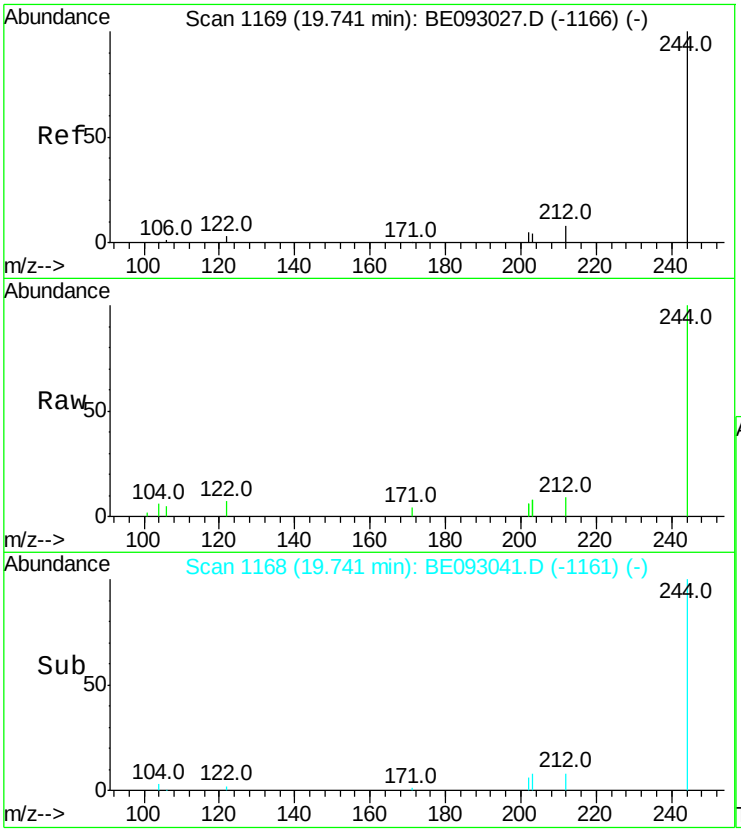


#28
Pyrene
Concen: 0.00 ng
RT: 19.51 min Scan# 1157
Delta R.T. -0.02 min
Lab File: BE093041.D
Acq: 15 May 2017 19:18

Tgt Ion:202 Resp: 365

Ion	Ratio	Lower	Upper
202	100		
200	0.0	0.0	0.0
203	123.3	13.7	20.5#



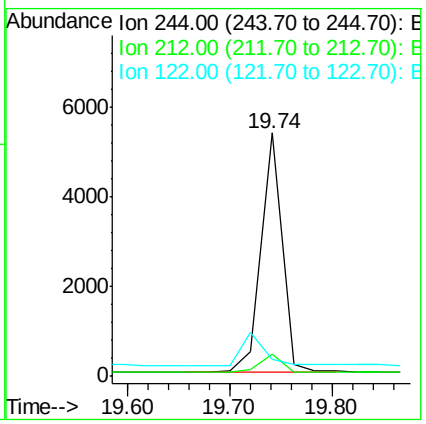


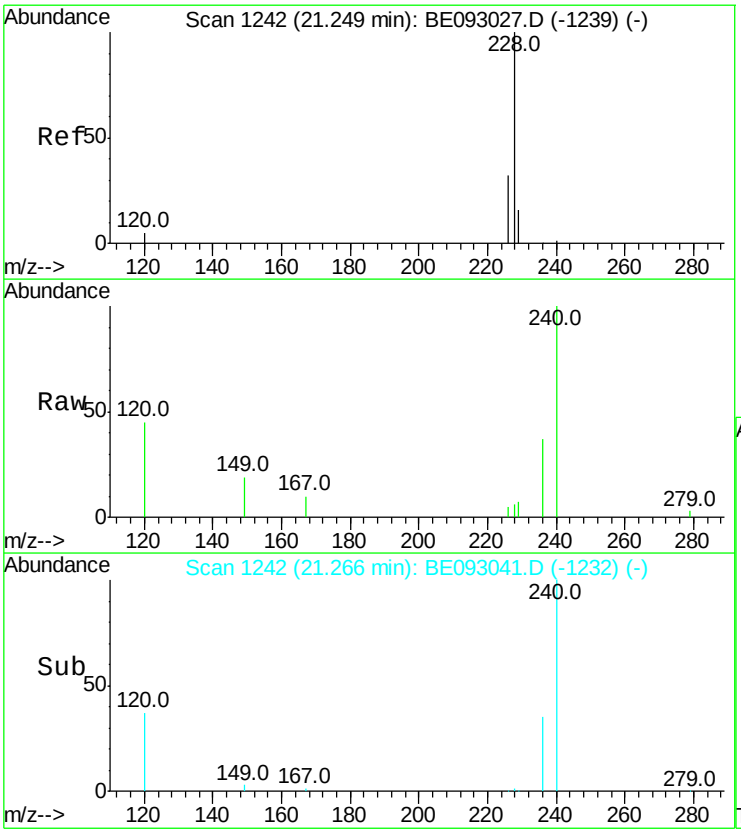
#29
Terphenyl-d14
Concen: 0.64 ng
RT: 19.74 min Scan# 1168
Delta R.T. 0.00 min
Lab File: BE093041.D
Acq: 15 May 2017 19:18

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:244 Resp: 7611

Ion	Ratio	Lower	Upper
244	100		
212	9.3	10.6	16.0#
122	7.0	15.4	23.0#

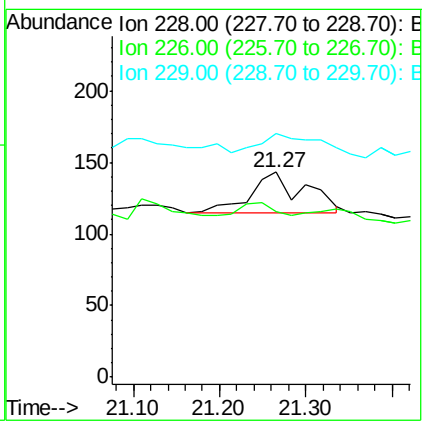


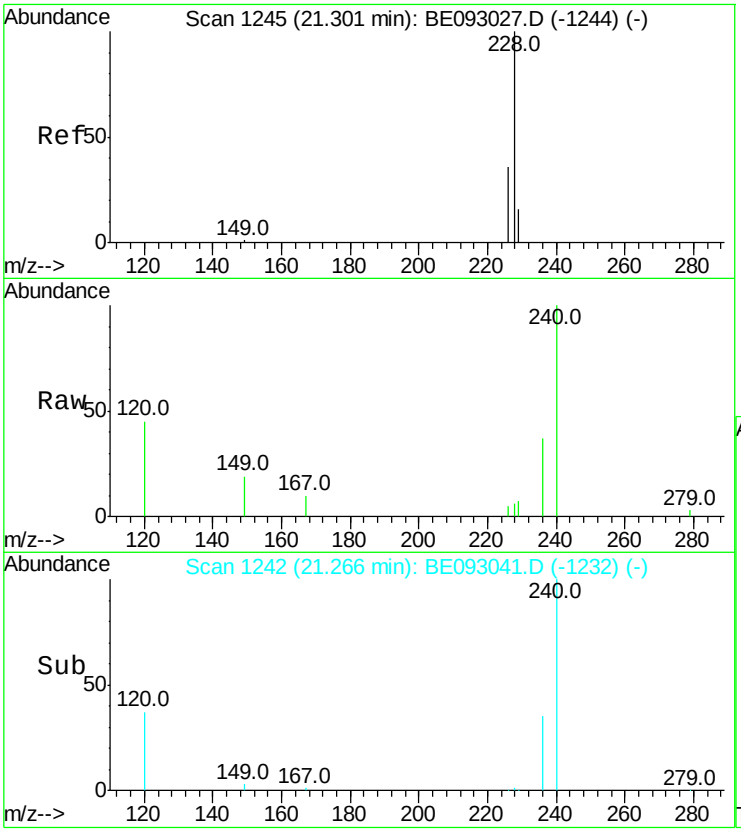


#30
Benzo(a)anthracene
Concen: 0.01 ng
RT: 21.27 min Scan# 1242
Delta R.T. 0.02 min
Lab File: BE093041.D
Acq: 15 May 2017 19:18

Tgt Ion:228 Resp: 123

Ion	Ratio	Lower	Upper
228	100		
226	81.1	19.7	29.5#
229	118.9	19.2	28.8#



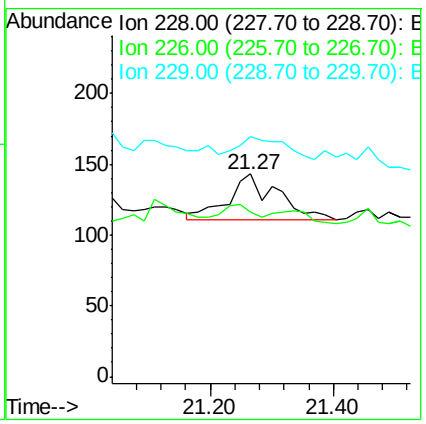


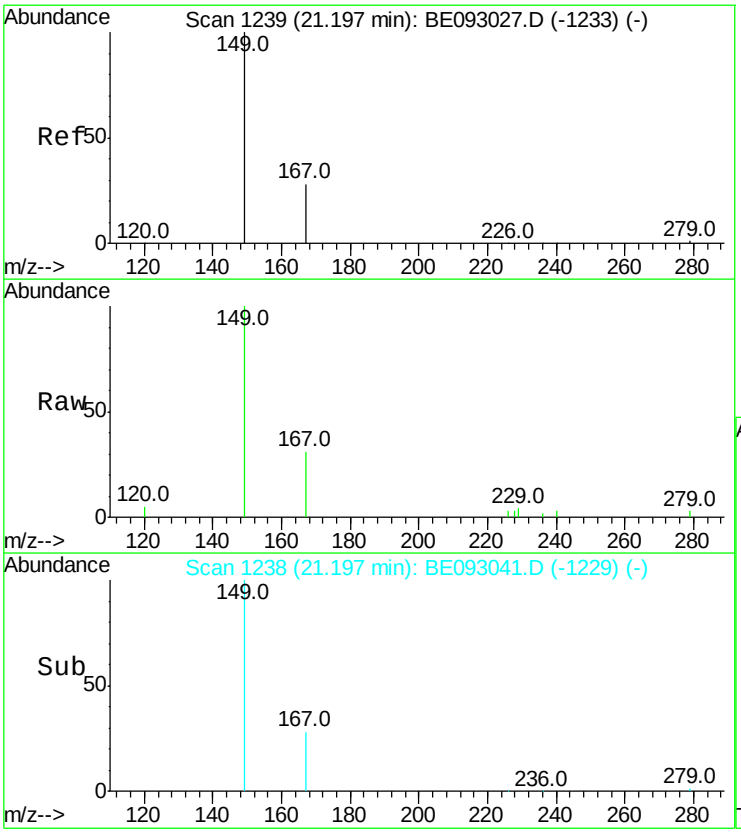
#31
Chrysene
Concen: 0.01 ng
RT: 21.27 min Scan# 1242
Delta R.T. -0.04 min
Lab File: BE093041.D
Acq: 15 May 2017 19:18

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:228 Resp: 176

Ion	Ratio	Lower	Upper
228	100		
226	81.1	21.5	32.3#
229	118.9	18.6	28.0#

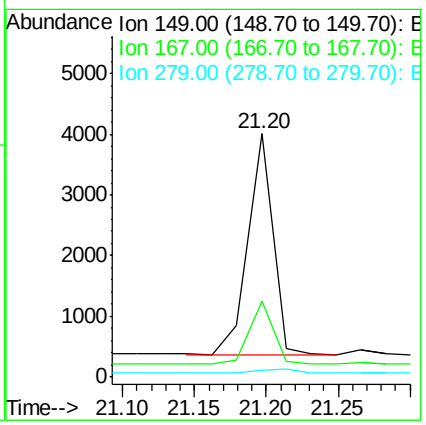


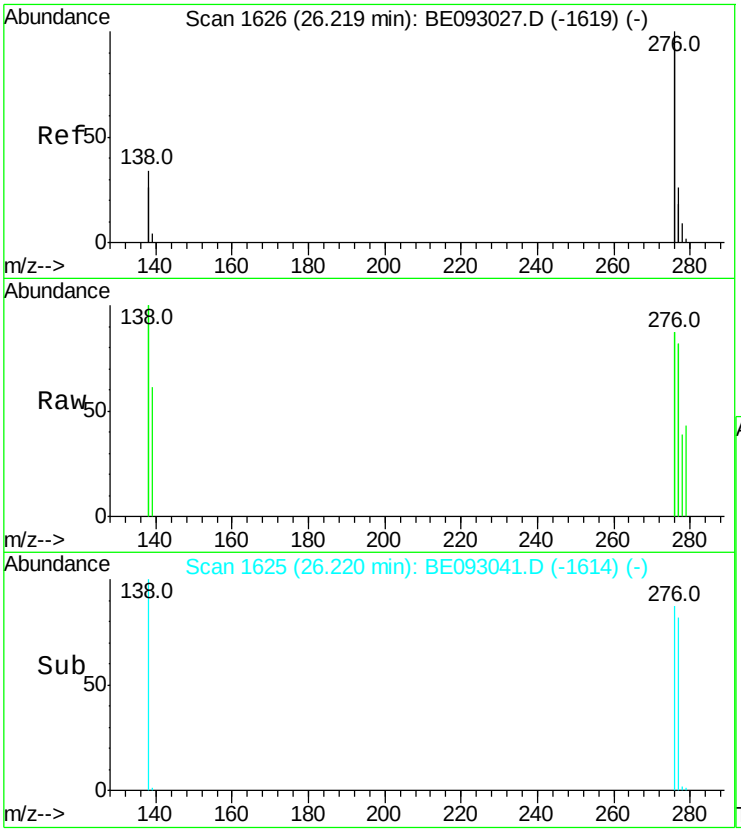


#32
Bis(2-ethylhexyl)phthalate
Concen: 0.50 ng
RT: 21.20 min Scan# 1238
Delta R.T. -0.00 min
Lab File: BE093041.D
Acq: 15 May 2017 19:18

Tgt Ion:149 Resp: 4436

Ion	Ratio	Lower	Upper
149	100		
167	26.8	20.1	30.1
279	2.5	2.2	3.4



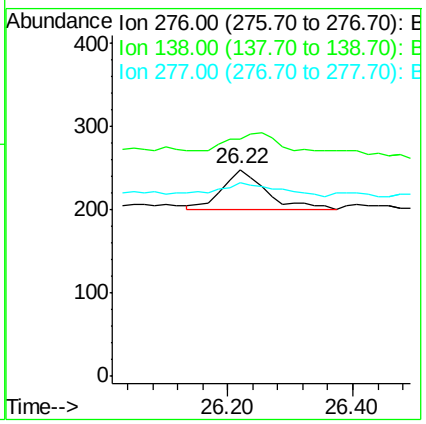


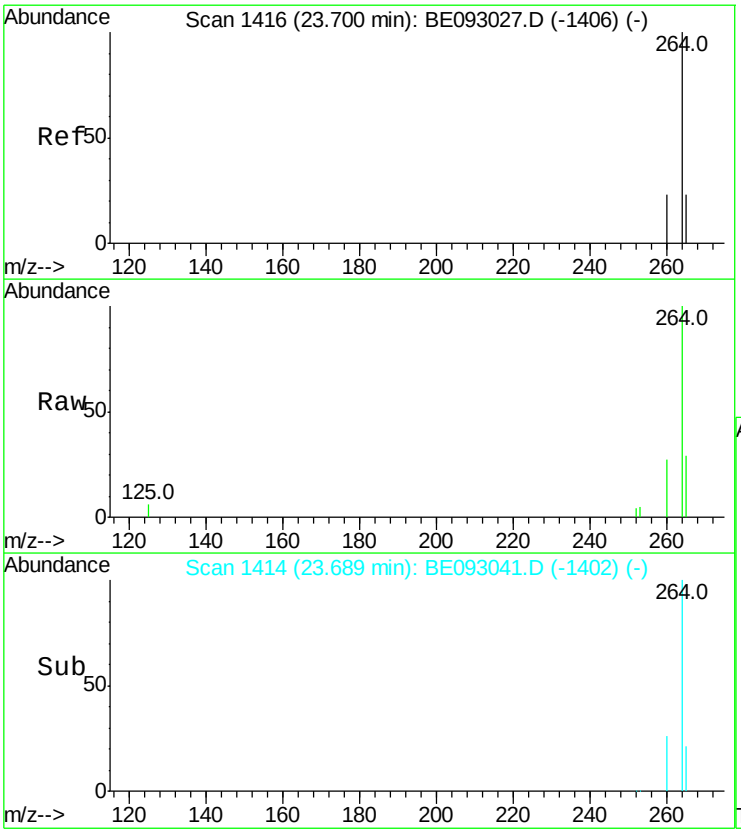
#33
Indeno(1,2,3-cd)pyrene
Concen: 0.00 ng
RT: 26.22 min Scan# 1625
Delta R.T. 0.00 min
Lab File: BE093041.D
Acq: 15 May 2017 19:18

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:276 Resp: 235

Ion	Ratio	Lower	Upper
276	100		
138	0.0	27.4	41.2#
277	46.0	20.1	30.1#

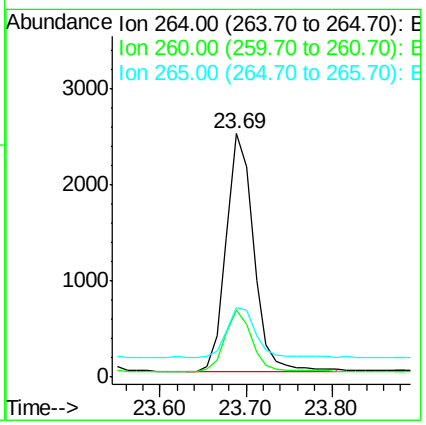


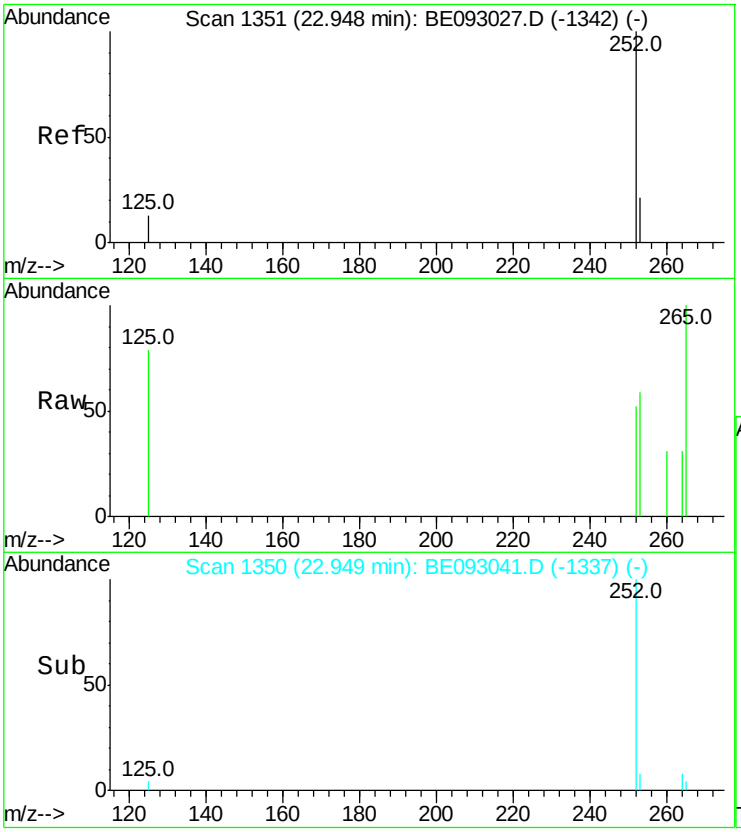


#34
Perylene-d12
Concen: 0.40 ng
RT: 23.69 min Scan# 1414
Delta R.T. -0.01 min
Lab File: BE093041.D
Acq: 15 May 2017 19:18

Tgt Ion:264 Resp: 5485

Ion	Ratio	Lower	Upper
264	100		
260	27.4	21.0	31.4
265	28.6	24.6	36.8



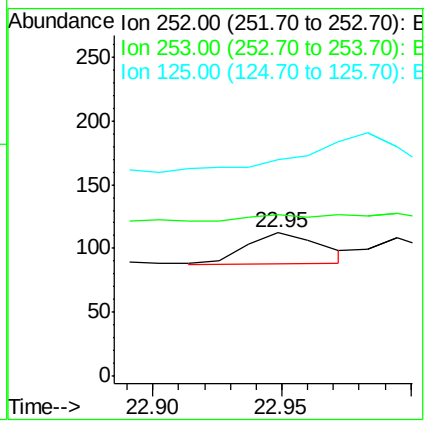


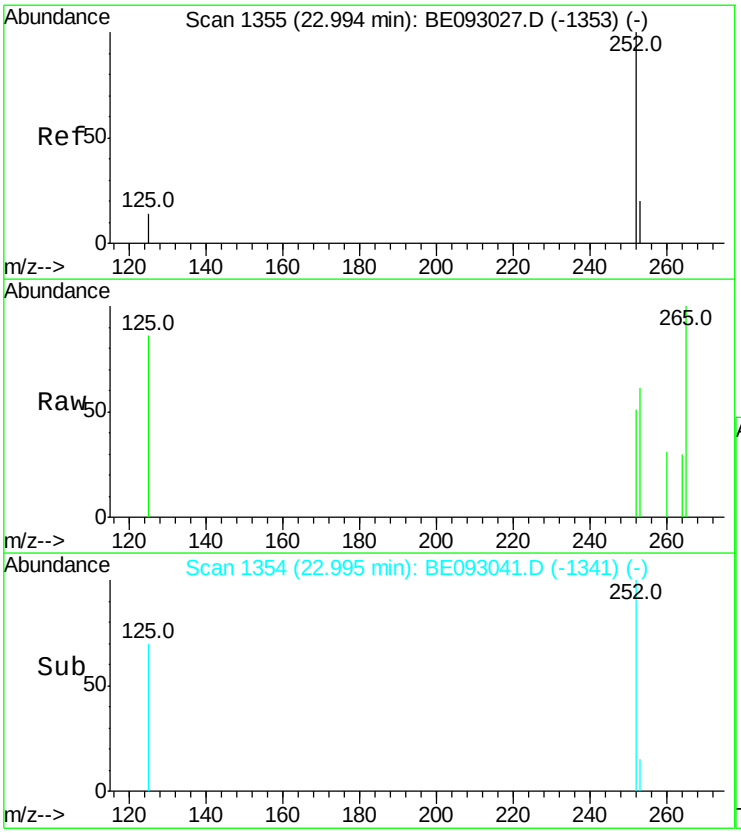
#35
Benzo(b)fluoranthene
Concen: 0.00 ng
RT: 22.95 min Scan# 1350
Delta R.T. 0.00 min
Lab File: BE093041.D
Acq: 15 May 2017 19:18

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:252 Resp: 50

Ion	Ratio	Lower	Upper
252	100		
253	113.4	18.5	27.7#
125	151.8	13.4	20.0#

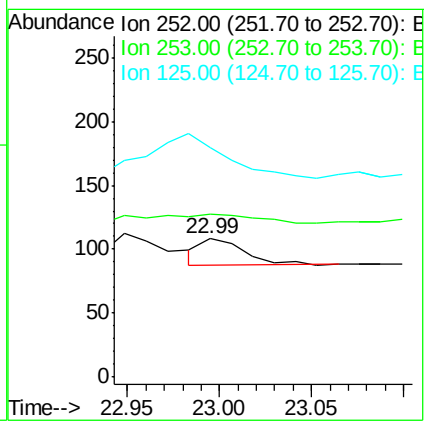


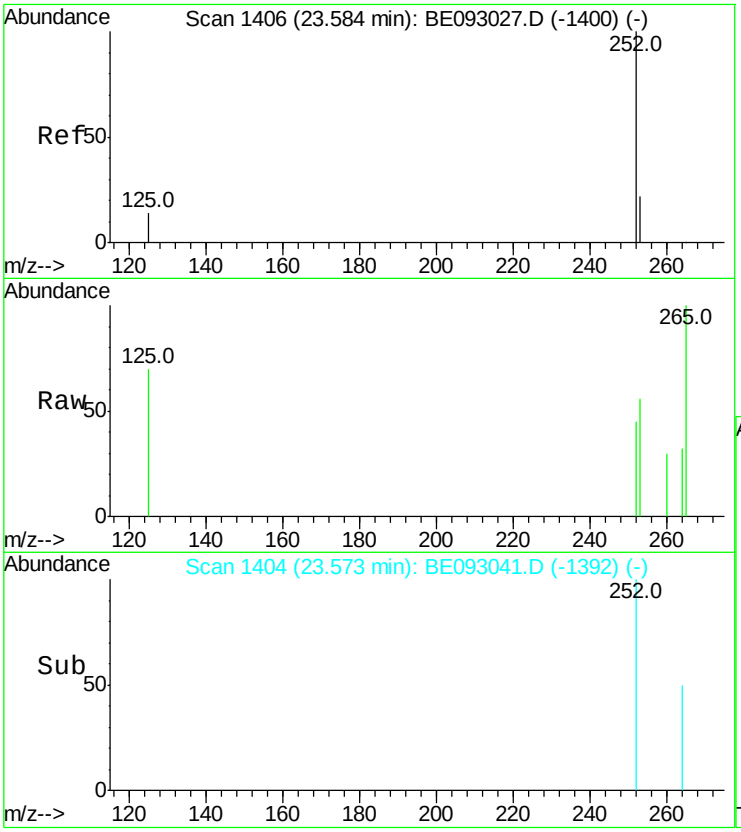


#36
Benzo(k)fluoranthene
Concen: 0.00 ng
RT: 22.99 min Scan# 1354
Delta R.T. 0.00 min
Lab File: BE093041.D
Acq: 15 May 2017 19:18

Tgt Ion:252 Resp: 33

Ion	Ratio	Lower	Upper
252	100		
253	118.5	20.3	30.5#
125	166.7	12.2	18.4#



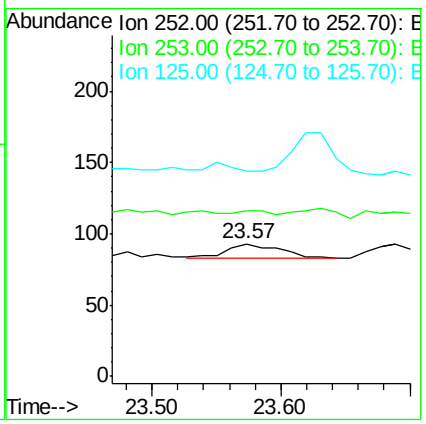


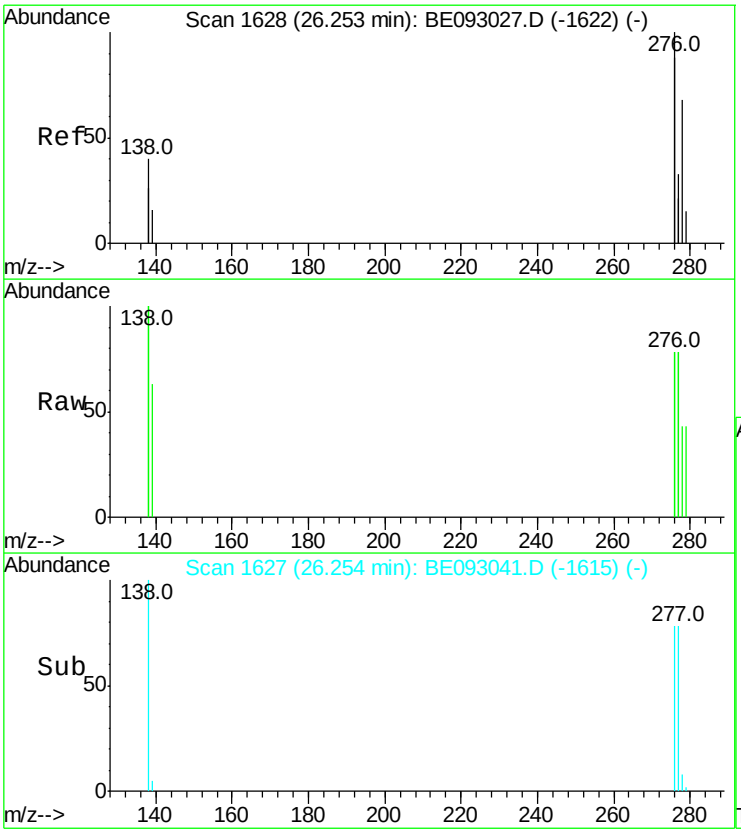
#37
Benzo(a)pyrene
Concen: 0.00 ng
RT: 23.57 min Scan# 1404
Delta R.T. -0.01 min
Lab File: BE093041.D
Acq: 15 May 2017 19:18

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:252 Resp: 28

Ion	Ratio	Lower	Upper
252	100		
253	124.7	19.9	29.9#
125	154.8	14.6	21.8#

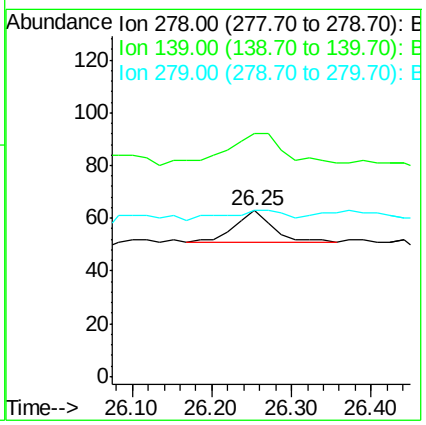


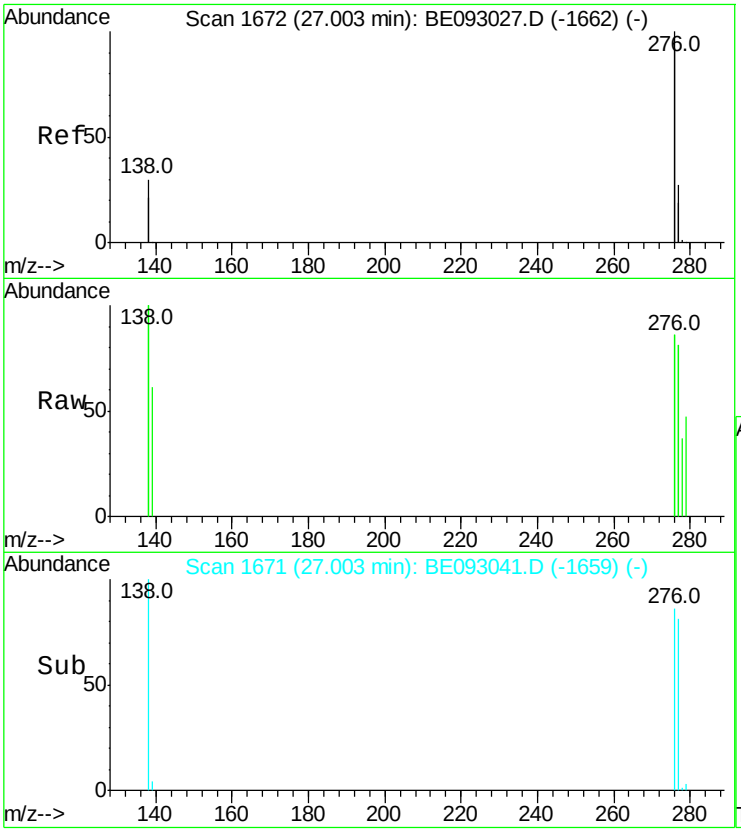


#38
Dibenzo(a,h)anthracene
Concen: 0.00 ng
RT: 26.25 min Scan# 1627
Delta R.T. 0.00 min
Lab File: BE093041.D
Acq: 15 May 2017 19:18

Tgt Ion:278 Resp: 40

Ion	Ratio	Lower	Upper
278	100		
139	146.0	21.4	32.0#
279	100.0	22.2	33.2#





#39
Benzo(g,h,i)perylene
Concen: 0.00 ng
RT: 27.00 min Scan# 1671
Delta R.T. 0.00 min
Lab File: BE093041.D
Acq: 15 May 2017 19:18

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:276 Resp: 176

Ion	Ratio	Lower	Upper
276	100		
277	94.1	21.2	31.8#
138	116.0	24.5	36.7#