Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA E\Data\BE051917\
Data File : BE093055.D
Acq On : 19 May 2017 11:28
Operator : SJ/MA
Sample : SSTDCCC0.4
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument : BNA_E
ClientSampleId :

Quant Time: May 19 17:51:44 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	658	0.40	ng		0.00
7) Naphthalene-d8	10.53	136	2938	0.40	ng		0.00
13) Acenaphthene-d10	14.39	164	1501	0.40	ng		0.00
19) Phenanthrene-d10	17.13	188	4295	0.40	ng		0.00
27) Chrysene-d12	21.27	240	4961	0.40	ng		-0.02
34) Perylene-d12	23.69	264	4262	0.40	ng		-0.01
System Monitoring Compounds							
4) 2-Fluorophenol	5.36	112	848	0.42	ng		0.00
5) Phenol-d6	6.92	99	1178	0.43	ng		0.00
8) Nitrobenzene-d5	8.88	82	1086	0.42	ng		0.00
11) 2-Methylnaphthalene-d10	12.11	152	1746	0.41	ng		0.00
14) 2,4,6-Tribromophenol	15.88	330	199	0.45	ng		0.00
15) 2-Fluorobiphenyl	13.01	172	2422	0.39	ng		0.00
25) Fluoranthene-d10	19.14	212	4698	0.42	ng		0.00
29) Terphenyl-d14	19.74	244	3536	0.38	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.31	88	534	0.41	ng		98
3) n-Nitrosodimethylamine	3.61	42	505	0.42	ng		97
6) bis(2-Chloroethyl)ether	7.18	93	919	0.41	ng	#	100
9) Naphthalene	10.58	128	3022	0.39	ng		99
10) Hexachlorobutadiene	10.87	225	397	0.39	ng		96
12) 2-Methylnaphthalene	12.19	142	1920	0.40	ng		99
16) Acenaphthylene	14.10	152	10420	0.40	ng		99
17) Acenaphthene	14.44	154	1885	0.40	ng		98
18) Fluorene	15.43	166	2396	0.41	ng		99
20) 4-Bromophenyl-phenylether	16.33	248	499	0.37	ng	#	1
21) Hexachlorobenzene	16.47	284	697	0.35	ng	#	100
22) Pentachlorophenol	16.82	266	185	0.36	ng		94
23) Phenanthrene	17.19	178	3499	0.38	ng	#	77
24) Anthracene	17.28	178	3468	0.39	ng		97
26) Fluoranthene	19.16	202	21877	0.41	ng	#	59
28) Pyrene	19.53	202	24014	0.40	ng	#	97
30) Benzo(a)anthracene	21.25	228	5472	0.41	ng	#	86
31) Chrysene	21.30	228	5608	0.39	ng	#	86
32) Bis(2-ethylhexyl)phthalate	21.20	149	3233	0.47	ng		95
33) Indeno(1,2,3-cd)pyrene	26.22	276	20259	0.38	ng		100
35) Benzo(b)fluoranthene	22.95	252	5367	0.40	ng		97
36) Benzo(k)fluoranthene	23.00	252	5063	0.37	ng		98
37) Benzo(a)pyrene	23.57	252	4777	0.39	ng		99
38) Dibenzo(a,h)anthracene	26.25	278	4339	0.38	ng		98
39) Benzo(g,h,i)perylene	27.00	276	19417	0.39	ng		98

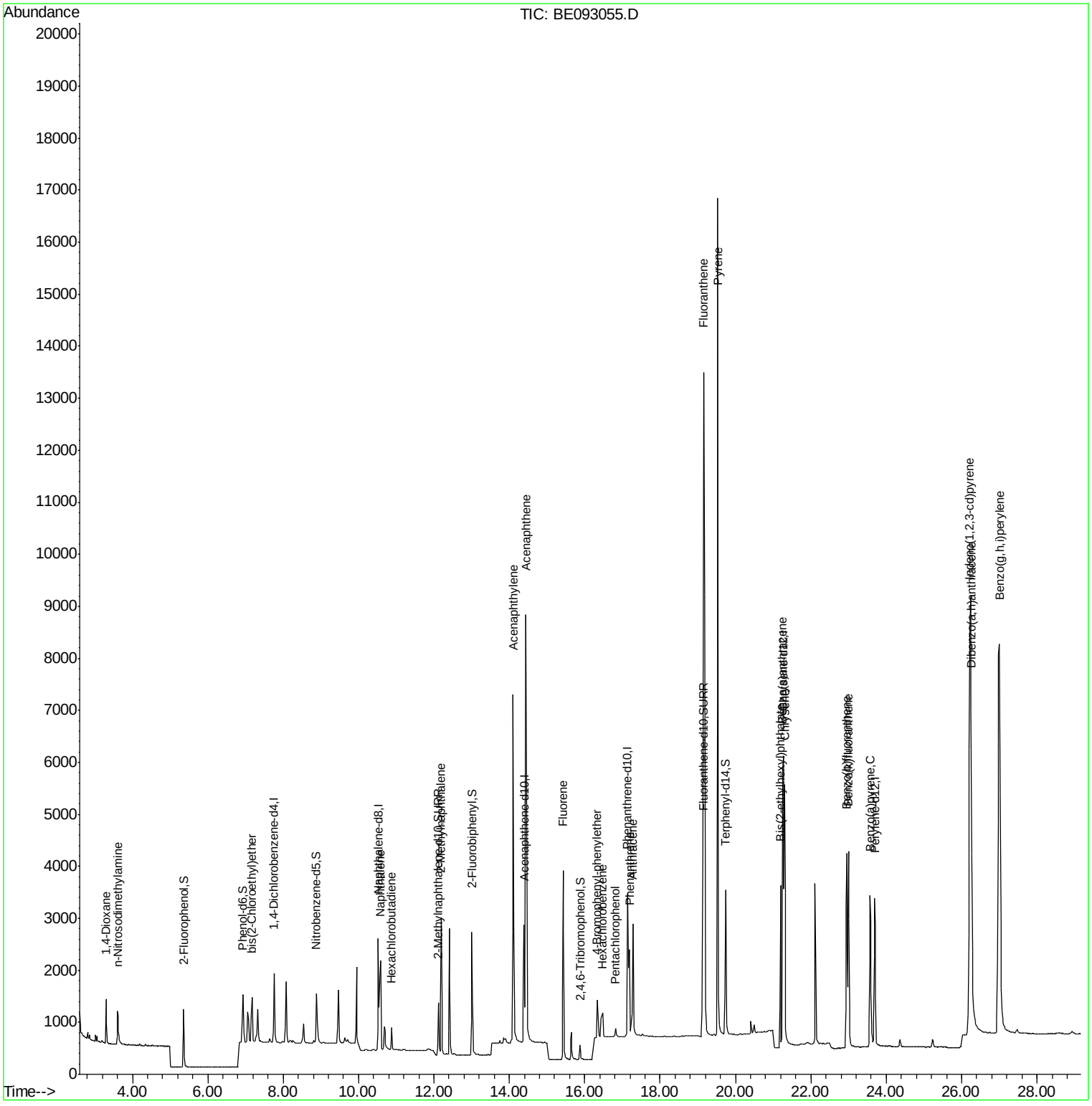
(#) = qualifier out of range (m) = manual integration (+) = signals summed

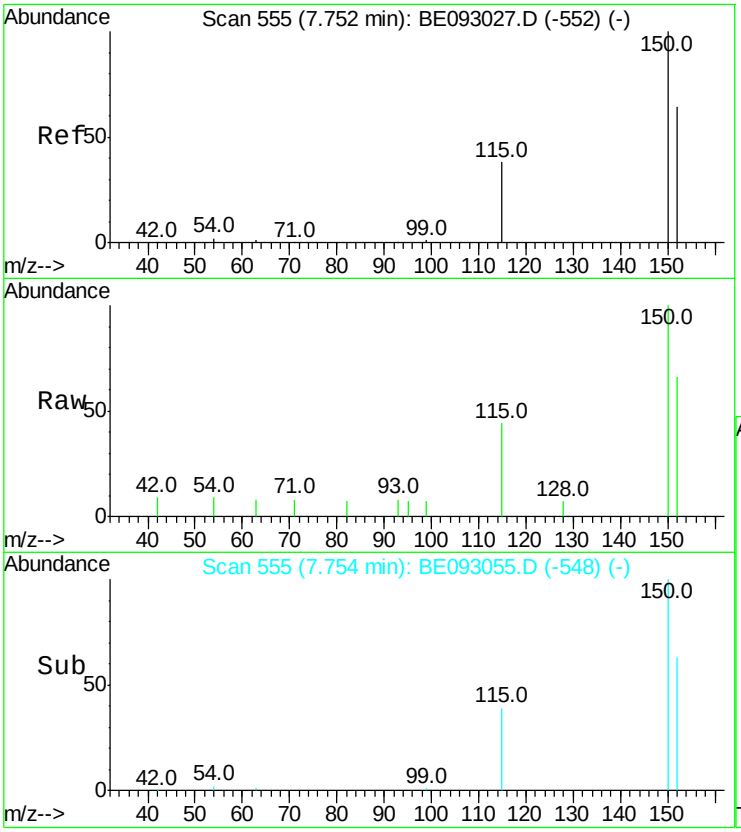
Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA E\Data\BE051917\
Data File : BE093055.D
Acq On : 19 May 2017 11:28
Operator : SJ/MA
Sample : SSTDCCC0.4
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_E
ClientSampleId :

Quant Time: May 19 17:51:44 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



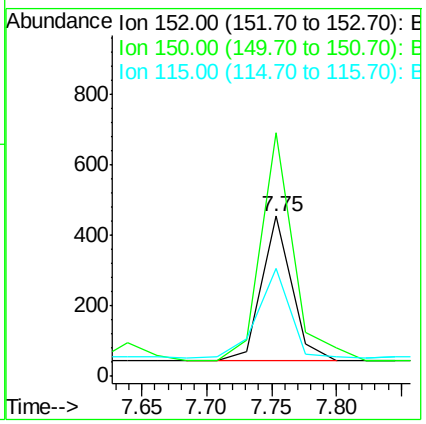


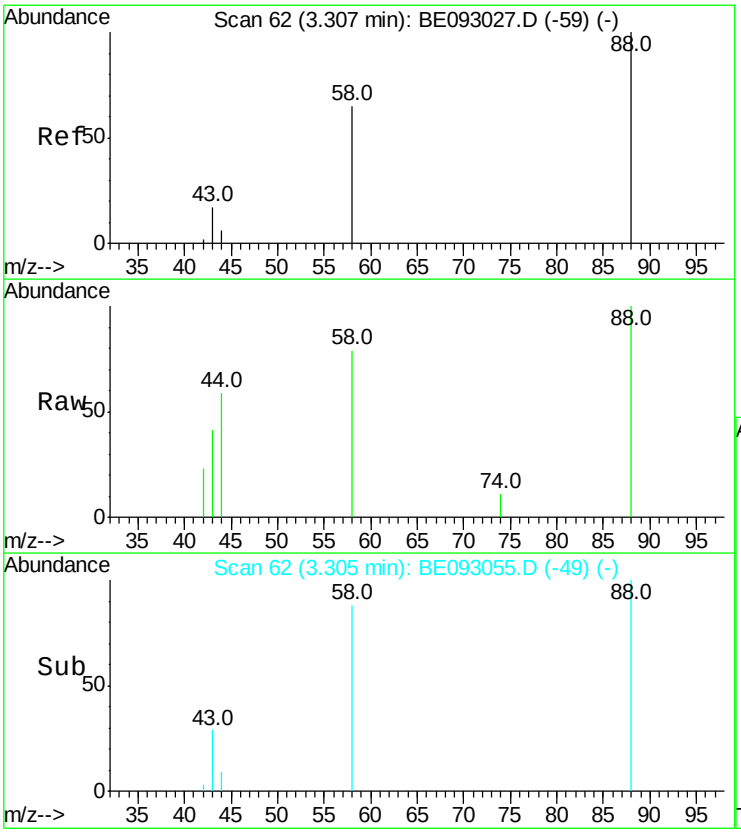
#1
1,4-Dichlorobenzene-d4
Concen: 0.40 ng
RT: 7.75 min Scan# 555
Delta R.T. 0.00 min
Lab File: BE093055.D
Acq: 19 May 2017 11:28

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:152 Resp: 658

Ion	Ratio	Lower	Upper
152	100		
150	152.0	125.1	187.7
115	67.6	55.7	83.5

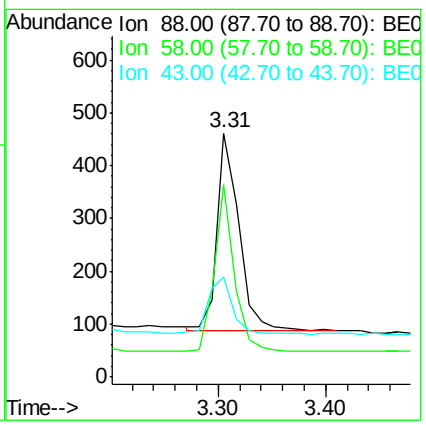


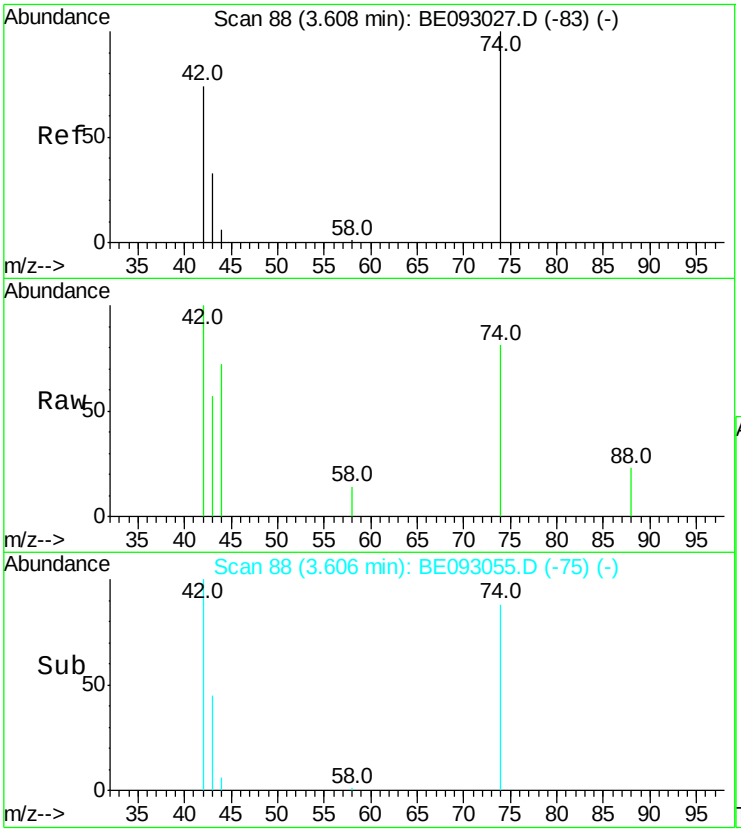


#2
1,4-Dioxane
Concen: 0.41 ng
RT: 3.31 min Scan# 62
Delta R.T. -0.00 min
Lab File: BE093055.D
Acq: 19 May 2017 11:28

Tgt Ion: 88 Resp: 534

Ion	Ratio	Lower	Upper
88	100		
58	77.0	62.2	93.4
43	32.4	23.2	34.8



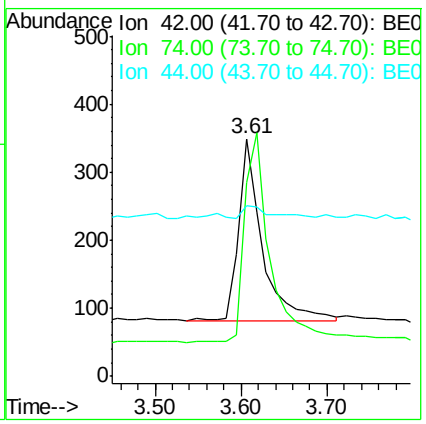


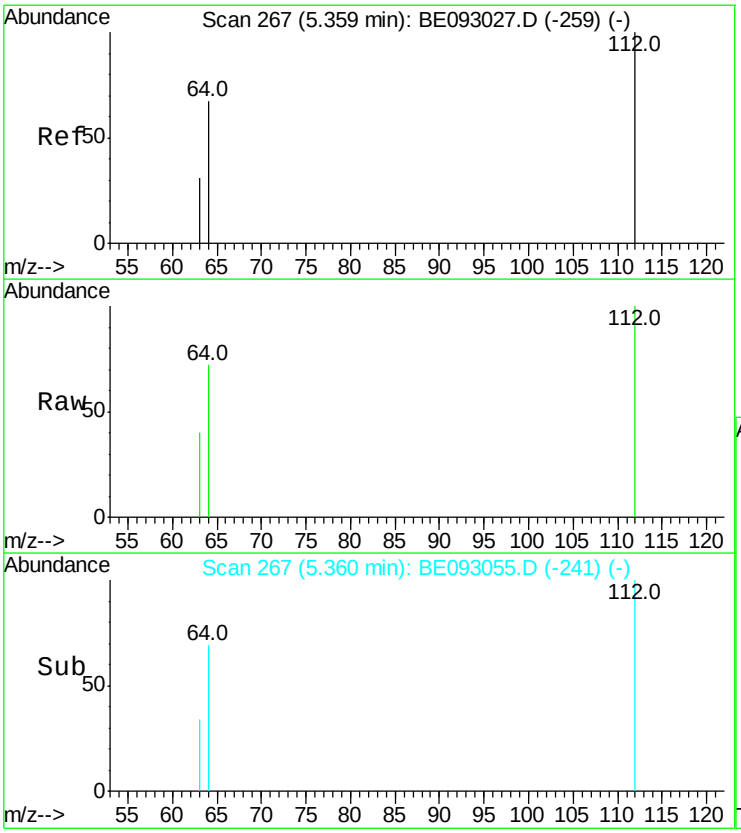
#3
n-Nitrosodimethylamine
Concen: 0.42 ng
RT: 3.61 min Scan# 88
Delta R.T. -0.00 min
Lab File: BE093055.D
Acq: 19 May 2017 11:28

Instrument :
BNA_E
ClientSampleId :

Tgt Ion: 42 Resp: 505

Ion	Ratio	Lower	Upper
42	100		
74	126.7	99.1	148.7
44	8.3	7.4	11.2

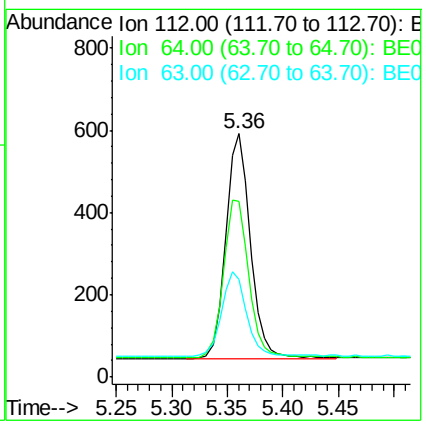


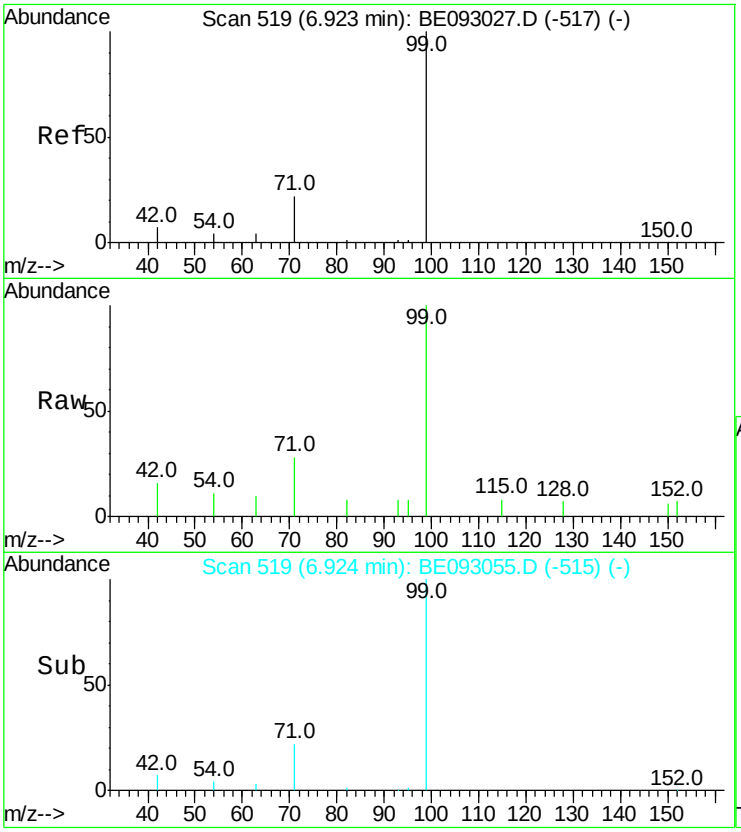


#4
2-Fluorophenol
Concen: 0.42 ng
RT: 5.36 min Scan# 267
Delta R.T. 0.00 min
Lab File: BE093055.D
Acq: 19 May 2017 11:28

Tgt Ion:112 Resp: 848

Ion	Ratio	Lower	Upper
112	100		
64	72.4	56.4	84.6
63	36.9	29.3	43.9



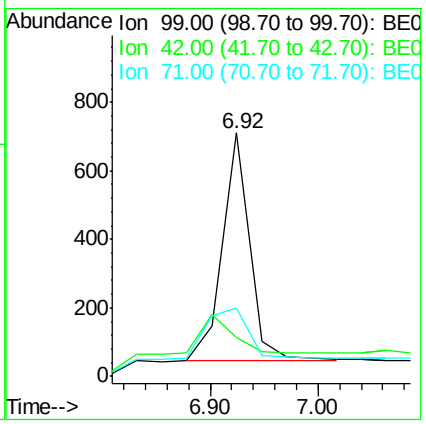


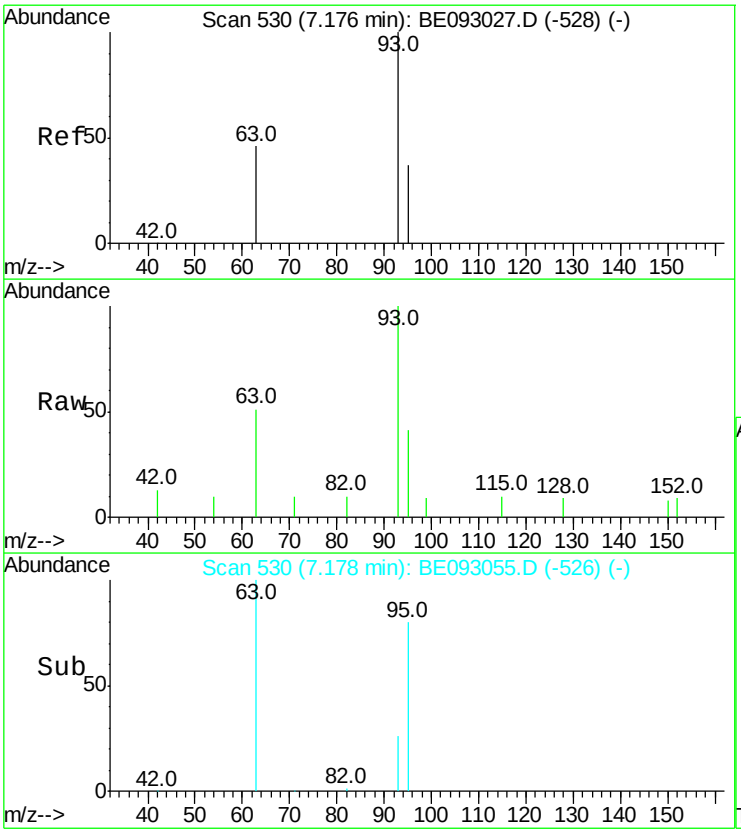
#5
Phenol-d6
Concen: 0.43 ng
RT: 6.92 min Scan# 519
Delta R.T. 0.00 min
Lab File: BE093055.D
Acq: 19 May 2017 11:28

Instrument :
BNA_E
ClientSampleId :

Tgt Ion: 99 Resp: 1178

Ion	Ratio	Lower	Upper
99	100		
42	0.0	0.0	0.0
71	34.0	0.0	0.0#

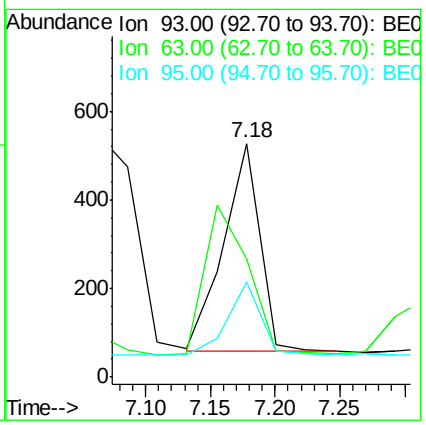


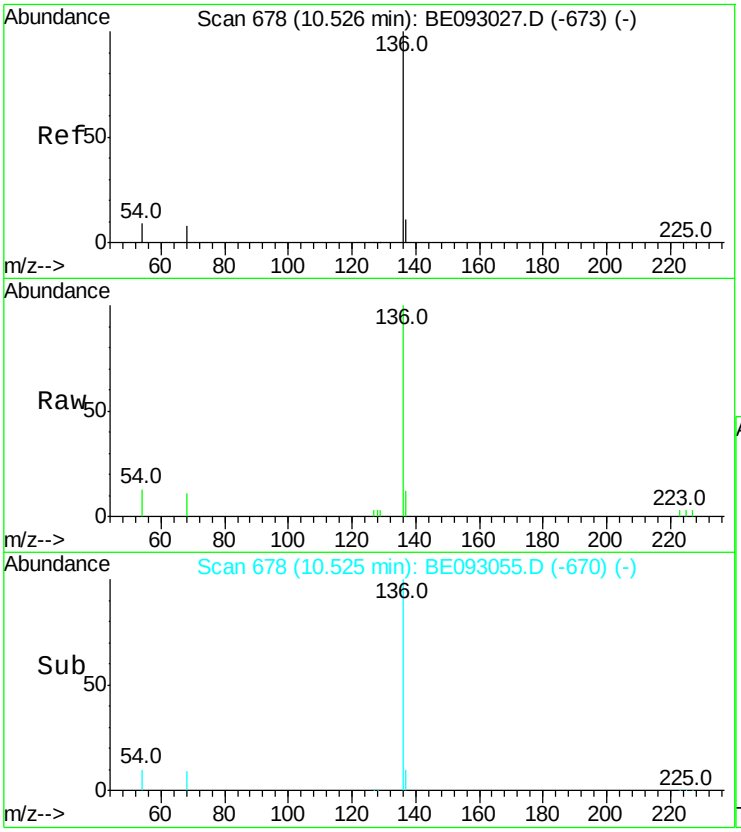


#6
bis(2-Chloroethyl)ether
Concen: 0.41 ng
RT: 7.18 min Scan# 530
Delta R.T. 0.00 min
Lab File: BE093055.D
Acq: 19 May 2017 11:28

Tgt Ion: 93 Resp: 919

Ion	Ratio	Lower	Upper
93	100		
63	0.0	0.0	0.0
95	31.8	25.4	38.0



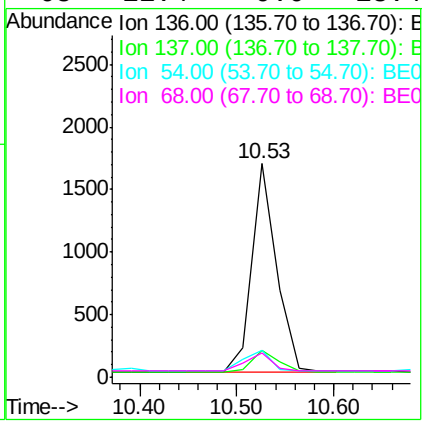


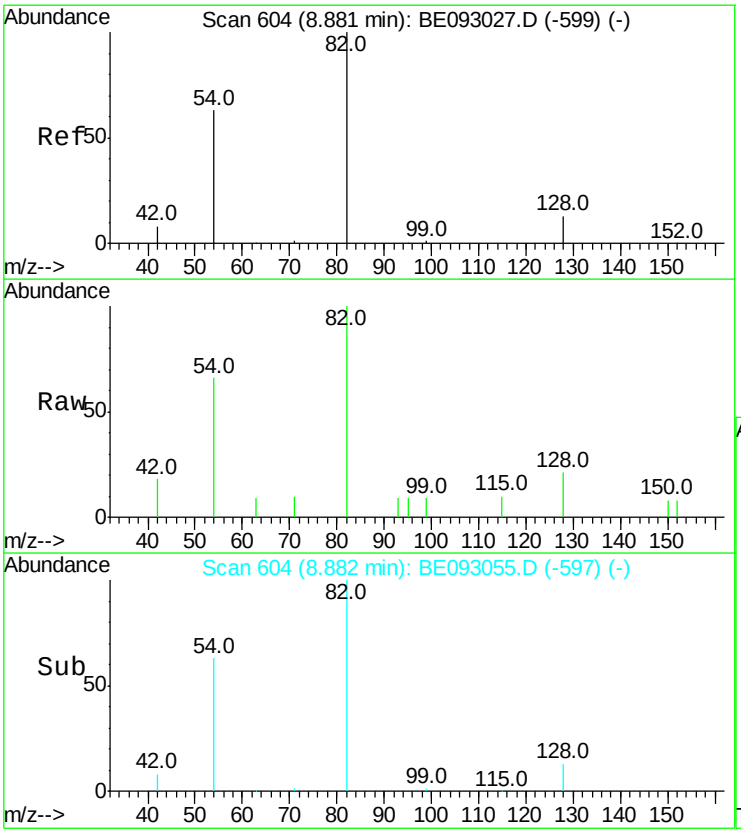
#7
Naphthalene-d8
Concen: 0.40 ng
RT: 10.53 min Scan# 678
Delta R.T. -0.00 min
Lab File: BE093055.D
Acq: 19 May 2017 11:28

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:136 Resp: 2938

Ion	Ratio	Lower	Upper
136	100		
137	12.4	9.8	14.8
54	12.8	10.3	15.5
68	11.4	9.0	13.4

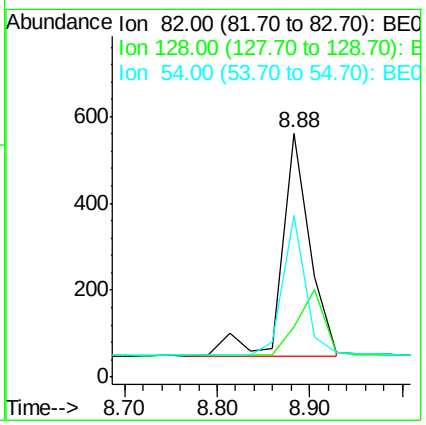


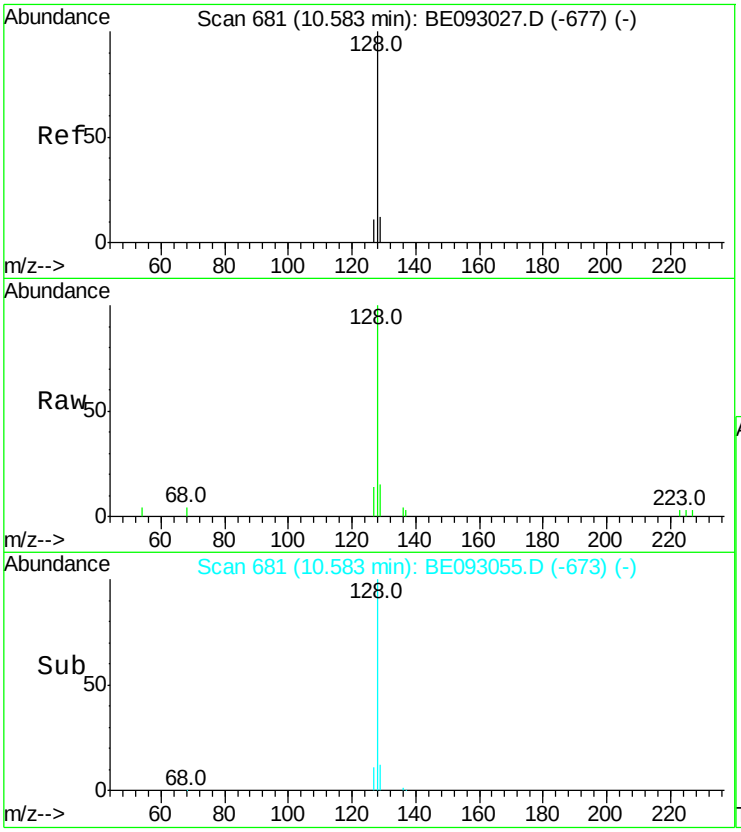


#8
Nitrobenzene-d5
Concen: 0.42 ng
RT: 8.88 min Scan# 604
Delta R.T. 0.00 min
Lab File: BE093055.D
Acq: 19 May 2017 11:28

Tgt Ion: 82 Resp: 1086

Ion	Ratio	Lower	Upper
82	100		
128	20.7	17.0	25.4
54	66.1	53.8	80.6



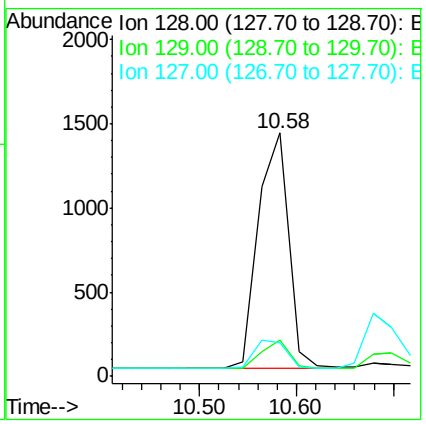


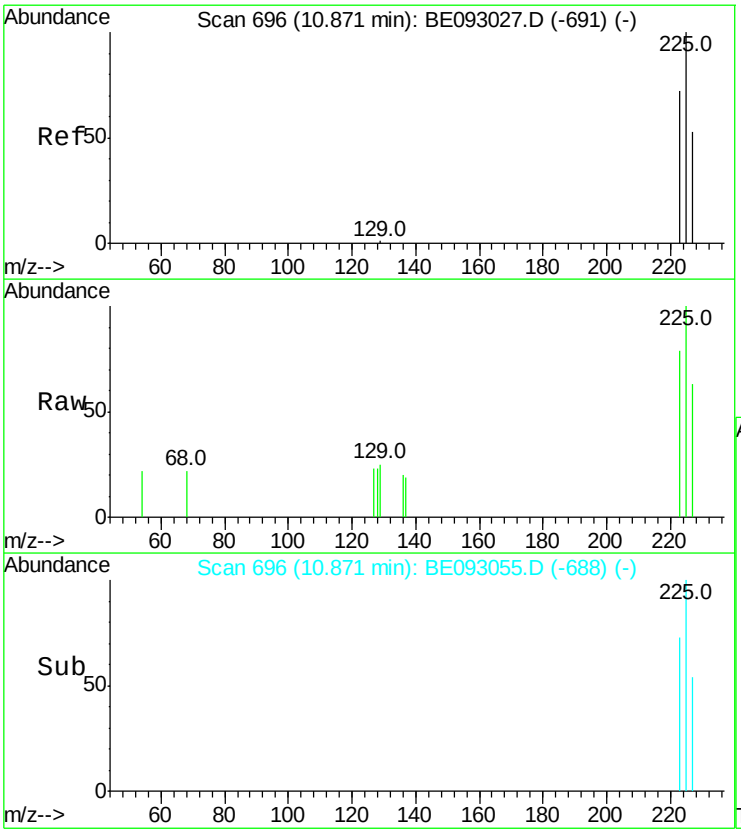
#9
Naphthalene
Concen: 0.39 ng
RT: 10.58 min Scan# 681
Delta R.T. -0.00 min
Lab File: BE093055.D
Acq: 19 May 2017 11:28

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:128 Resp: 3022

Ion	Ratio	Lower	Upper
128	100		
129	14.7	11.4	17.0
127	13.9	11.2	16.8

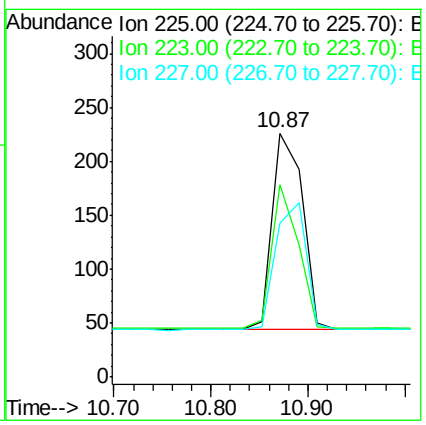


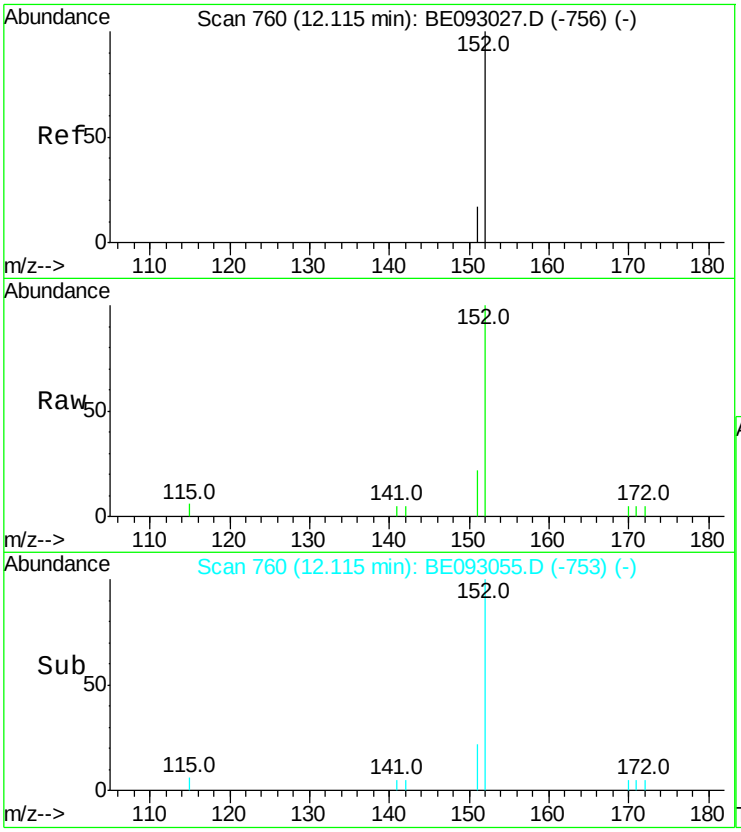


#10
Hexachlorobutadiene
Concen: 0.39 ng
RT: 10.87 min Scan# 696
Delta R.T. -0.00 min
Lab File: BE093055.D
Acq: 19 May 2017 11:28

Tgt Ion:225 Resp: 397

Ion	Ratio	Lower	Upper
225	100		
223	63.7	49.7	74.5
227	67.8	50.3	75.5



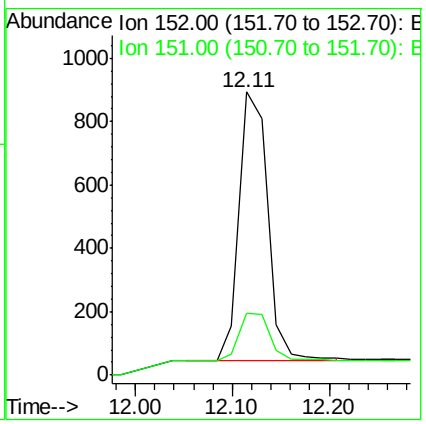


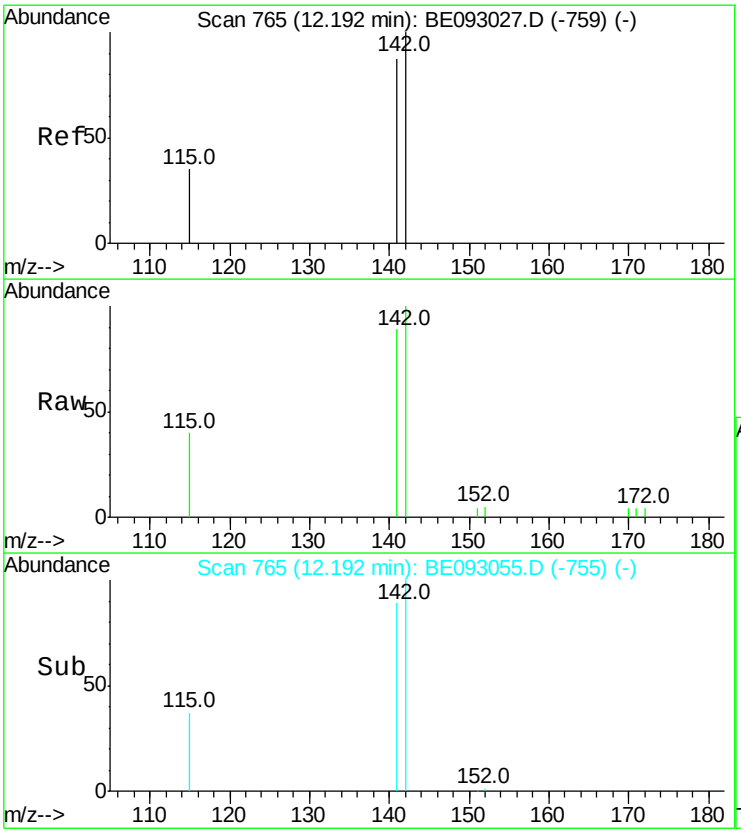
#11
2-Methylnaphthalene-d10
Concen: 0.41 ng
RT: 12.11 min Scan# 760
Delta R.T. -0.00 min
Lab File: BE093055.D
Acq: 19 May 2017 11:28

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:152 Resp: 1746

Ion	Ratio	Lower	Upper
152	100		
151	19.2	15.1	22.7

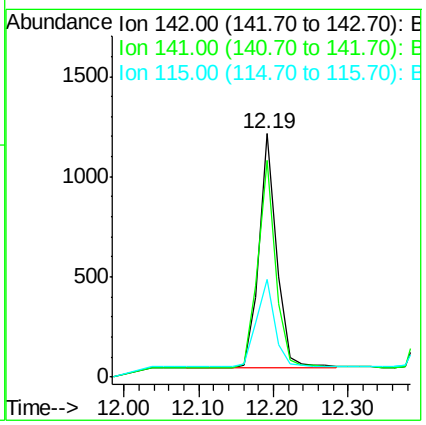


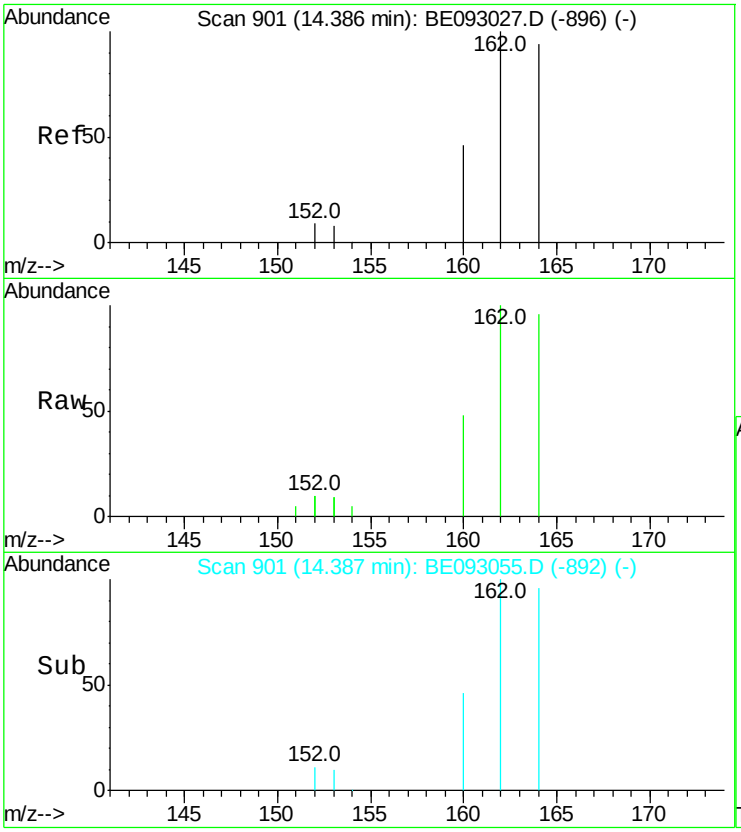


#12
2-Methylnaphthalene
Concen: 0.40 ng
RT: 12.19 min Scan# 765
Delta R.T. -0.00 min
Lab File: BE093055.D
Acq: 19 May 2017 11:28

Tgt Ion:142 Resp: 1920

Ion	Ratio	Lower	Upper
142	100		
141	89.1	72.6	108.8
115	40.1	32.2	48.2



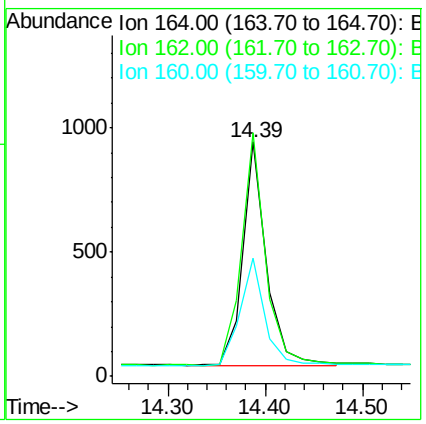


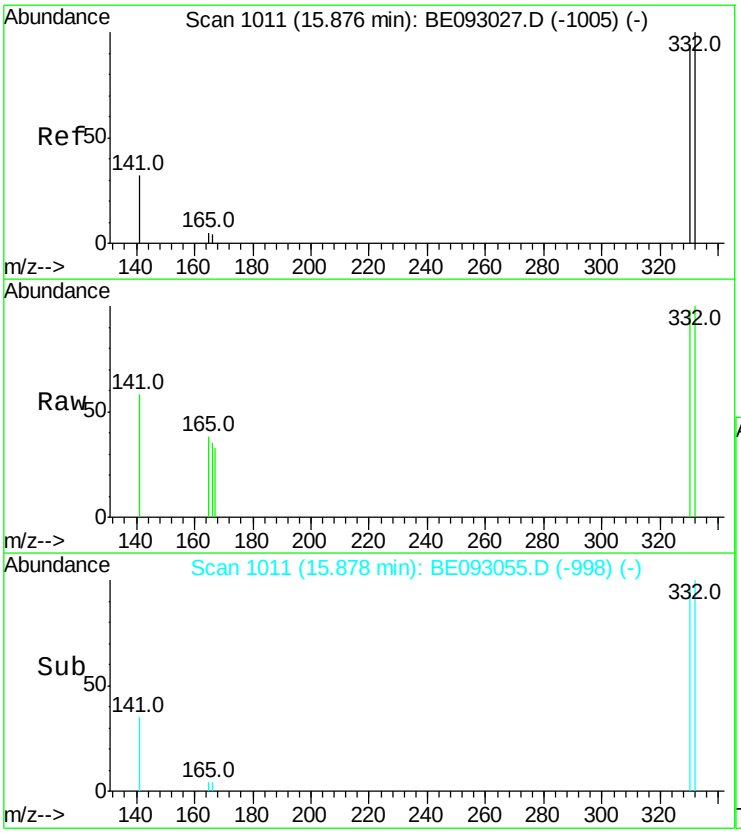
#13
Acenaphthene-d10
Concen: 0.40 ng
RT: 14.39 min Scan# 901
Delta R.T. 0.00 min
Lab File: BE093055.D
Acq: 19 May 2017 11:28

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:164 Resp: 1501

Ion	Ratio	Lower	Upper
164	100		
162	103.9	84.6	127.0
160	50.3	41.8	62.6

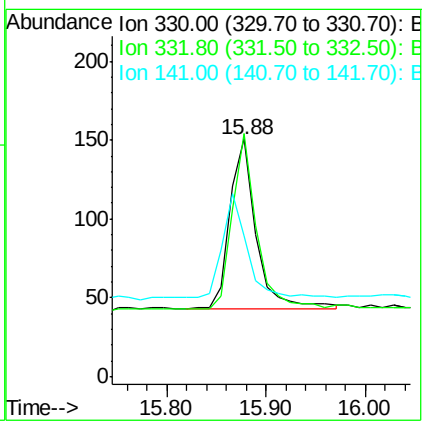


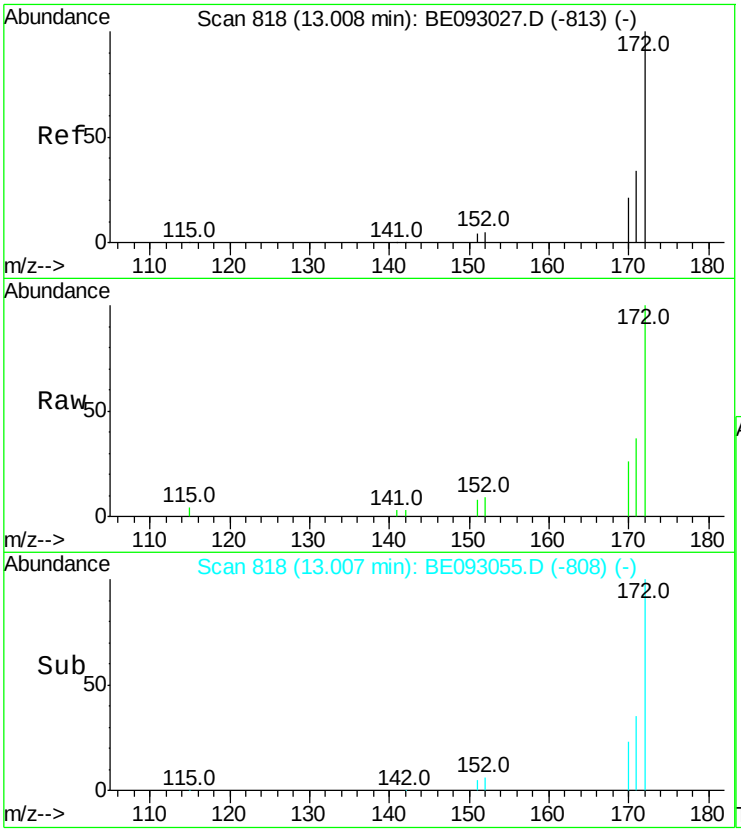


#14
2,4,6-Tribromophenol
Concen: 0.45 ng
RT: 15.88 min Scan# 1011
Delta R.T. 0.00 min
Lab File: BE093055.D
Acq: 19 May 2017 11:28

Tgt Ion:330 Resp: 199

Ion	Ratio	Lower	Upper
330	100		
332	95.0	77.7	116.5
141	56.8	56.2	84.4



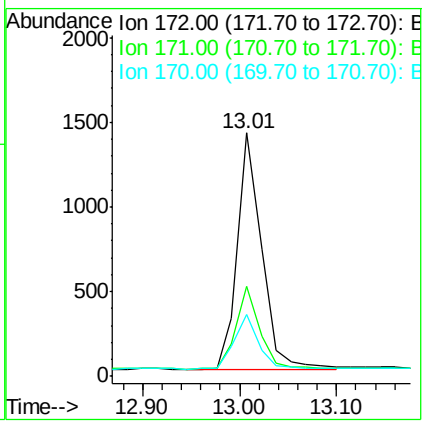


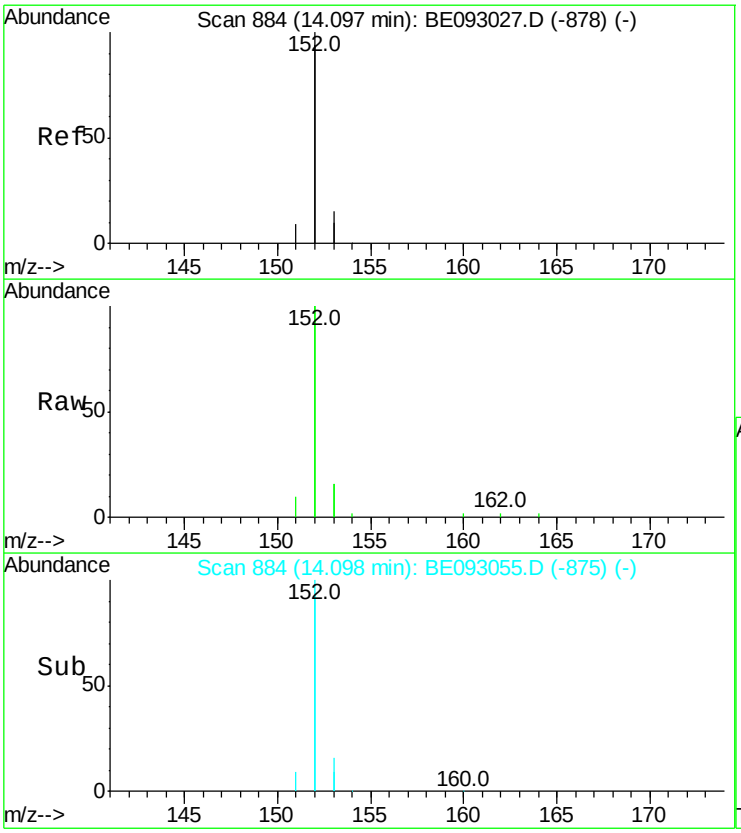
#15
2-Fluorobiphenyl
Concen: 0.39 ng
RT: 13.01 min Scan# 818
Delta R.T. -0.00 min
Lab File: BE093055.D
Acq: 19 May 2017 11:28

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:172 Resp: 2422

Ion	Ratio	Lower	Upper
172	100		
171	37.1	29.8	44.6
170	25.5	20.7	31.1

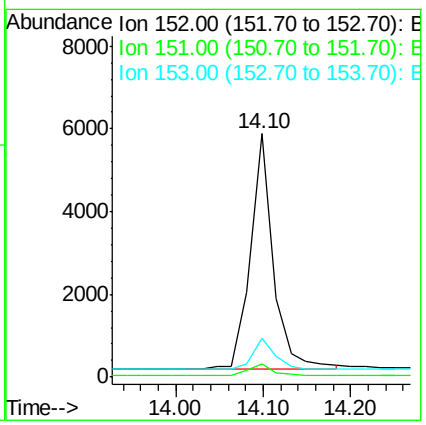


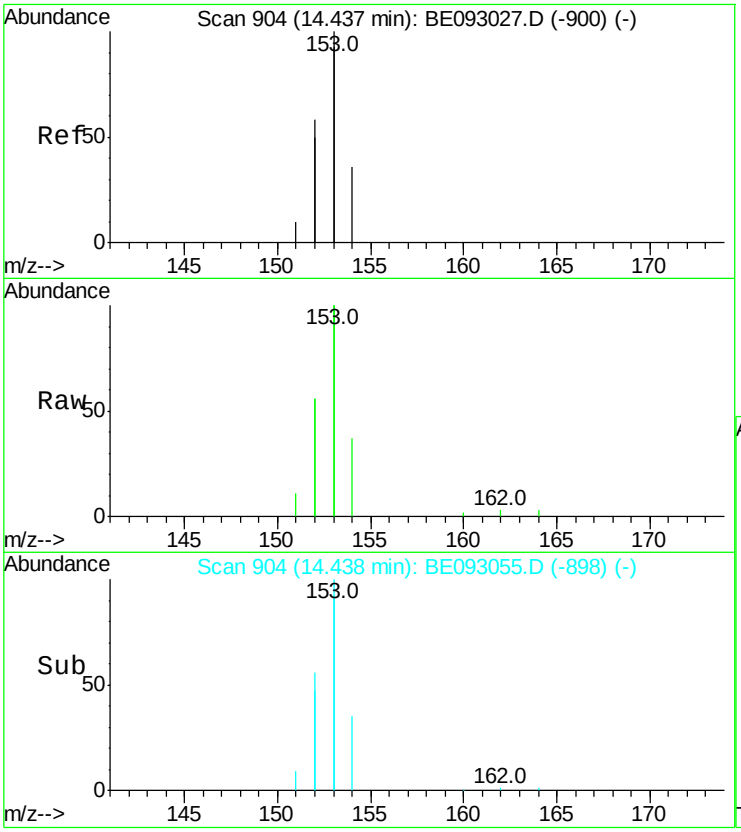


#16
Acenaphthylene
Concen: 0.40 ng
RT: 14.10 min Scan# 884
Delta R.T. 0.00 min
Lab File: BE093055.D
Acq: 19 May 2017 11:28

Tgt Ion:152 Resp: 10420

Ion	Ratio	Lower	Upper
152	100		
151	4.9	4.0	6.0
153	13.2	10.3	15.5



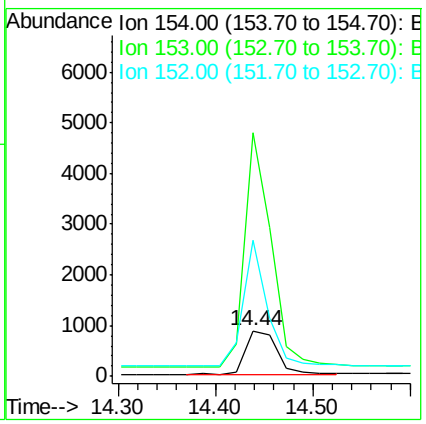


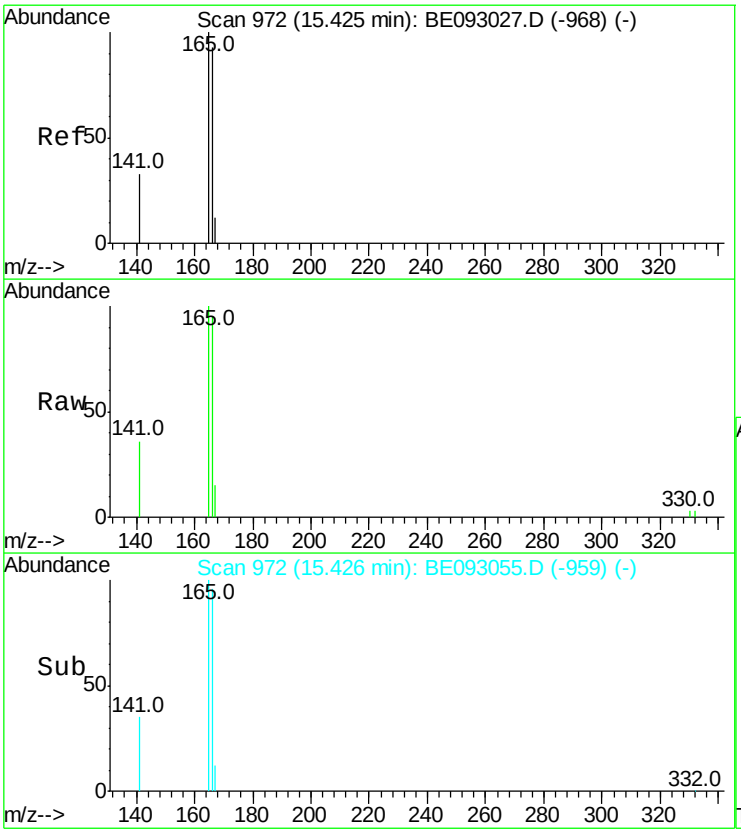
#17
Acenaphthene
Concen: 0.40 ng
RT: 14.44 min Scan# 904
Delta R.T. 0.00 min
Lab File: BE093055.D
Acq: 19 May 2017 11:28

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:154 Resp: 1885

Ion	Ratio	Lower	Upper
154	100		
153	461.2	367.8	551.6
152	225.7	188.2	282.2

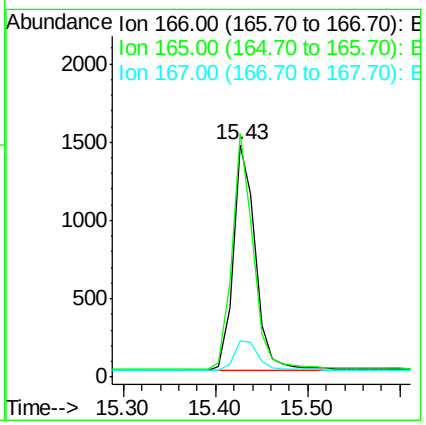


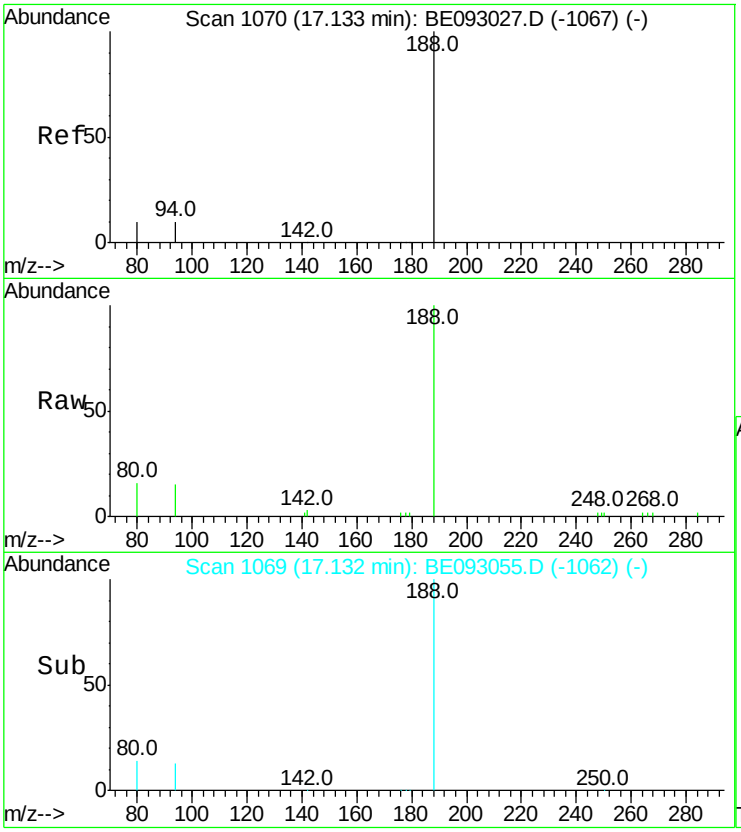


#18
Fluorene
Concen: 0.41 ng
RT: 15.43 min Scan# 972
Delta R.T. 0.00 min
Lab File: BE093055.D
Acq: 19 May 2017 11:28

Tgt Ion:166 Resp: 2396

Ion	Ratio	Lower	Upper
166	100		
165	99.8	78.6	117.8
167	13.9	11.1	16.7



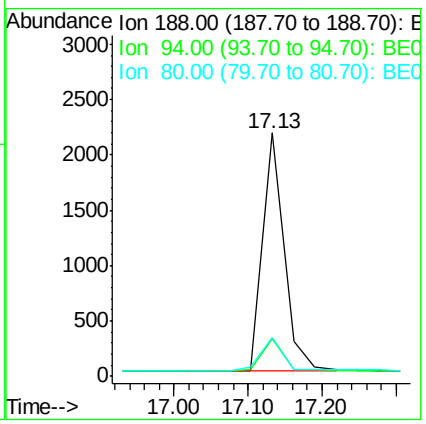


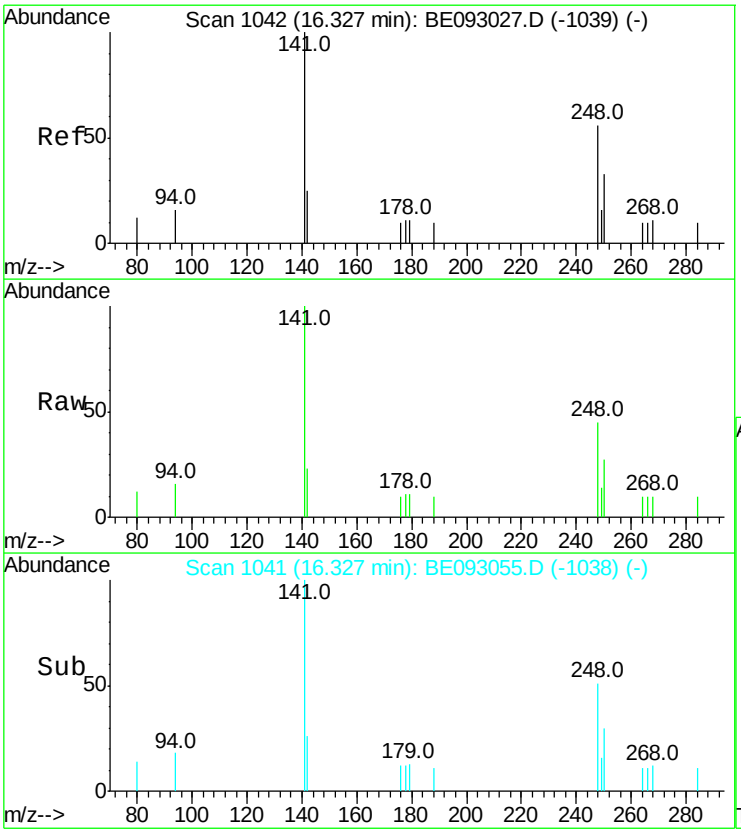
#19
Phenanthrene-d10
Concen: 0.40 ng
RT: 17.13 min Scan# 1069
Delta R.T. -0.00 min
Lab File: BE093055.D
Acq: 19 May 2017 11:28

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:188 Resp: 4295

Ion	Ratio	Lower	Upper
188	100		
94	15.5	11.3	16.9
80	15.7	11.7	17.5

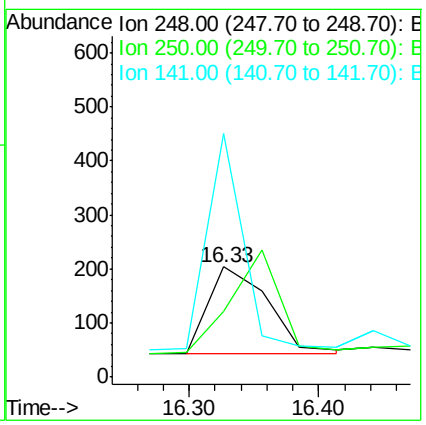


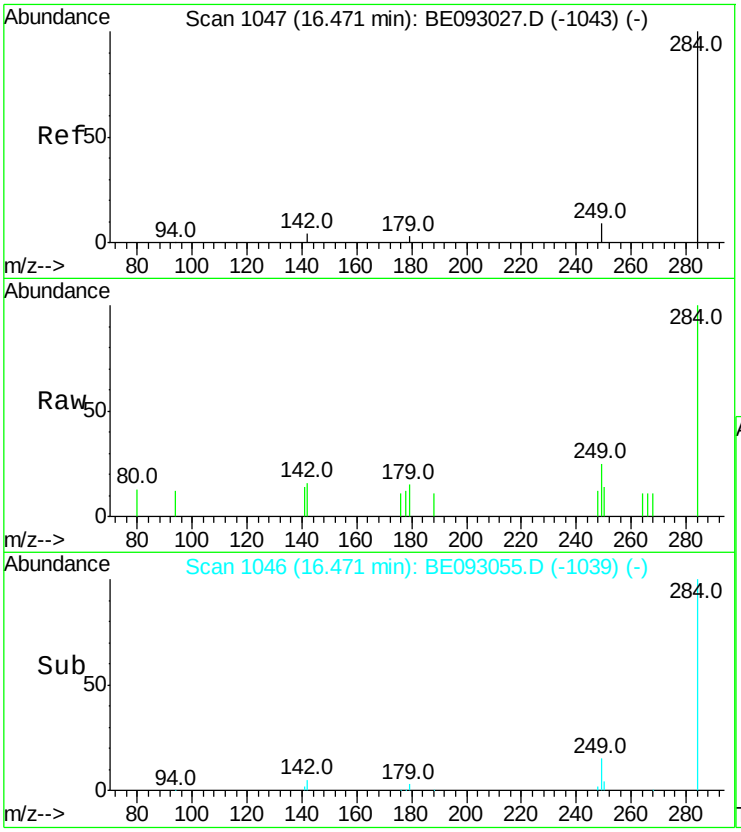


#20
4-Bromophenyl-phenylether
Concen: 0.37 ng
RT: 16.33 min Scan# 1041
Delta R.T. -0.00 min
Lab File: BE093055.D
Acq: 19 May 2017 11:28

Tgt Ion:248 Resp: 499

Ion	Ratio	Lower	Upper
248	100		
250	59.3	100.0	150.0#
141	221.1	40.0	60.0#



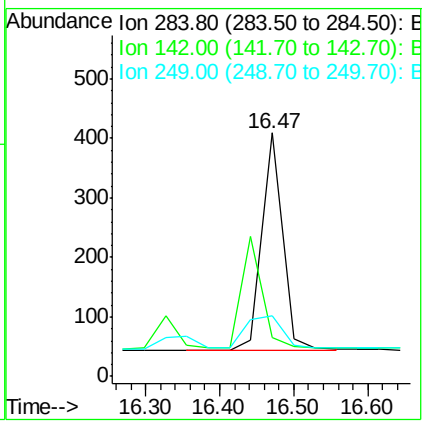


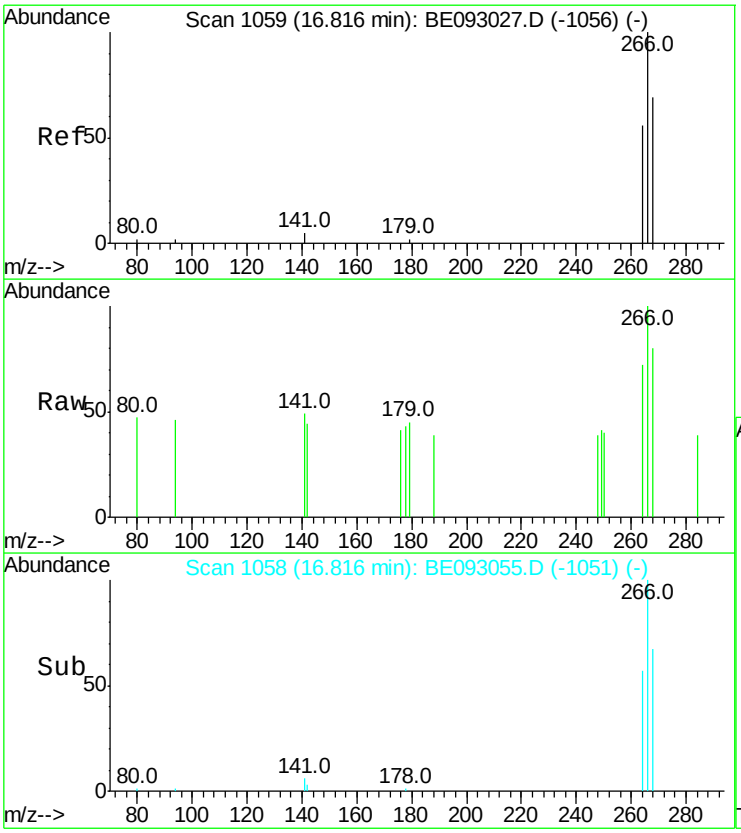
#21
Hexachlorobenzene
Concen: 0.35 ng
RT: 16.47 min Scan# 1046
Delta R.T. -0.00 min
Lab File: BE093055.D
Acq: 19 May 2017 11:28

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:284 Resp: 697

Ion	Ratio	Lower	Upper
284	100		
142	0.0	0.0	0.0
249	26.5	0.0	0.0#

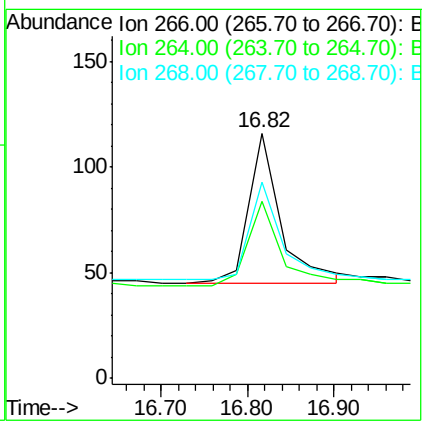


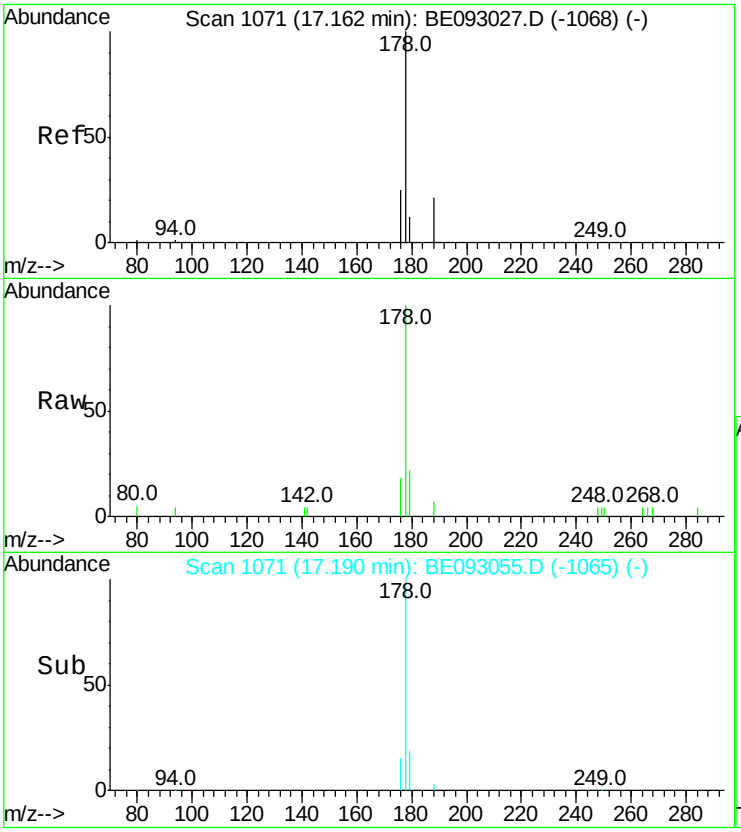


#22
Pentachlorophenol
Concen: 0.36 ng
RT: 16.82 min Scan# 1058
Delta R.T. -0.00 min
Lab File: BE093055.D
Acq: 19 May 2017 11:28

Tgt Ion:266 Resp: 185

Ion	Ratio	Lower	Upper
266	100		
264	72.4	58.2	87.2
268	80.2	71.9	107.9



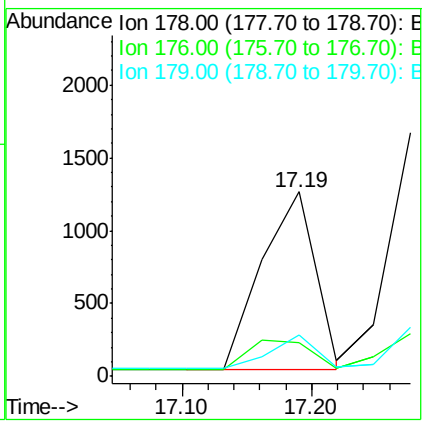


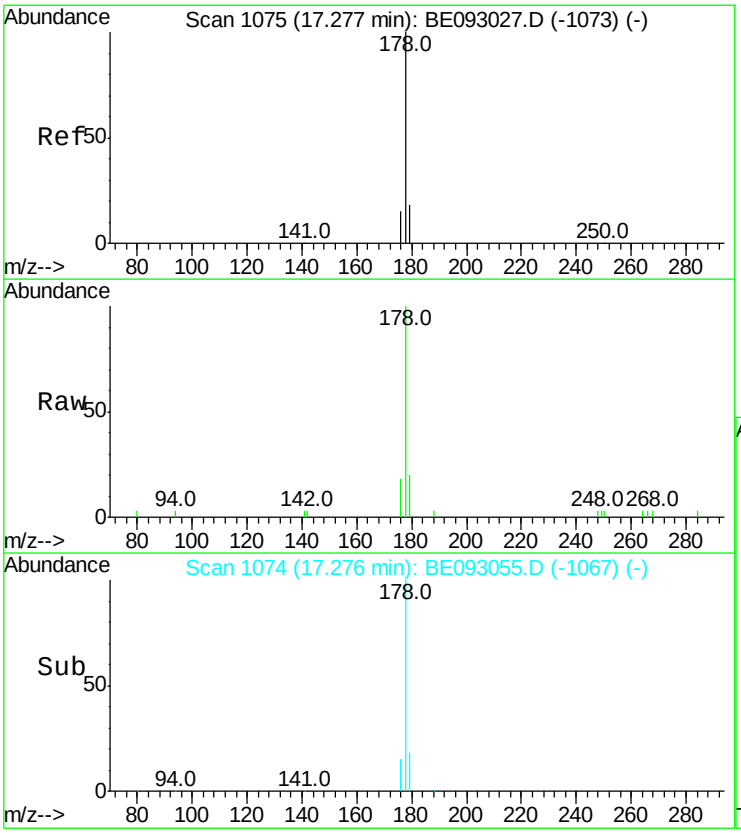
#23
Phenanthrene
Concen: 0.38 ng
RT: 17.19 min Scan# 1071
Delta R.T. 0.03 min
Lab File: BE093055.D
Acq: 19 May 2017 11:28

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:178 Resp: 3499

Ion	Ratio	Lower	Upper
178	100		
176	0.0	15.0	22.4#
179	16.1	12.7	19.1

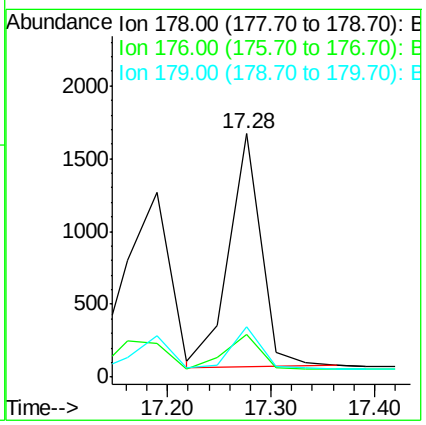


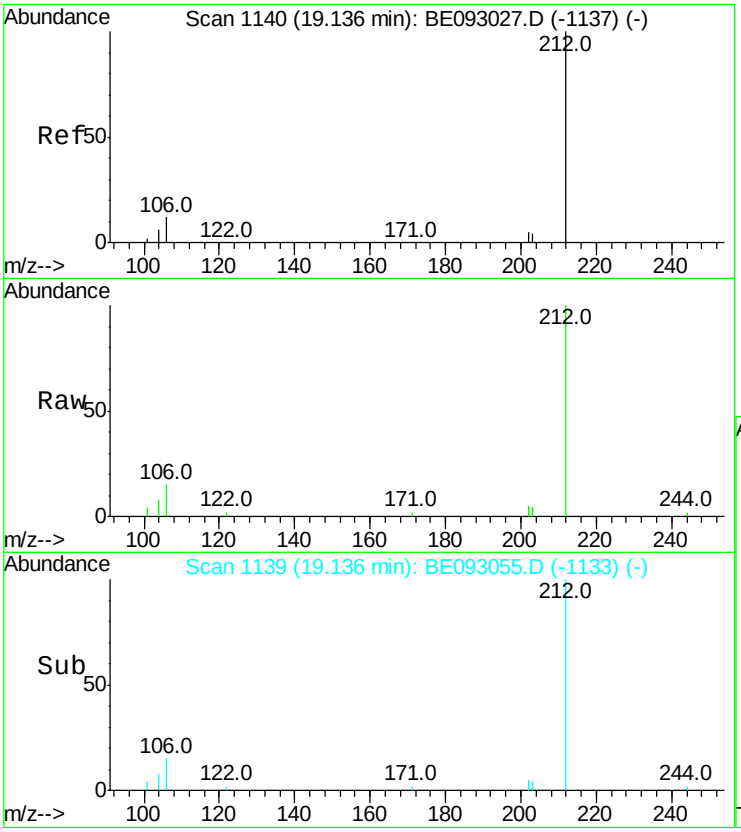


#24
Anthracene
Concen: 0.39 ng
RT: 17.28 min Scan# 1074
Delta R.T. 0.00 min
Lab File: BE093055.D
Acq: 19 May 2017 11:28

Tgt Ion:178 Resp: 3468

Ion	Ratio	Lower	Upper
178	100		
176	17.3	14.6	22.0
179	16.9	12.0	18.0



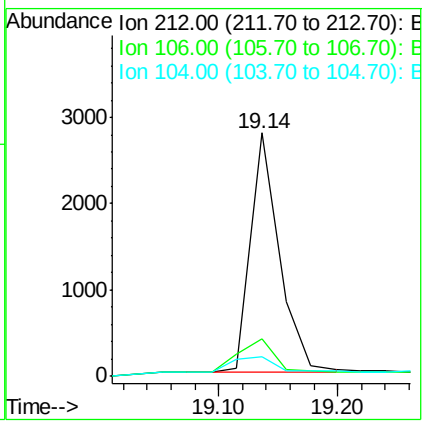


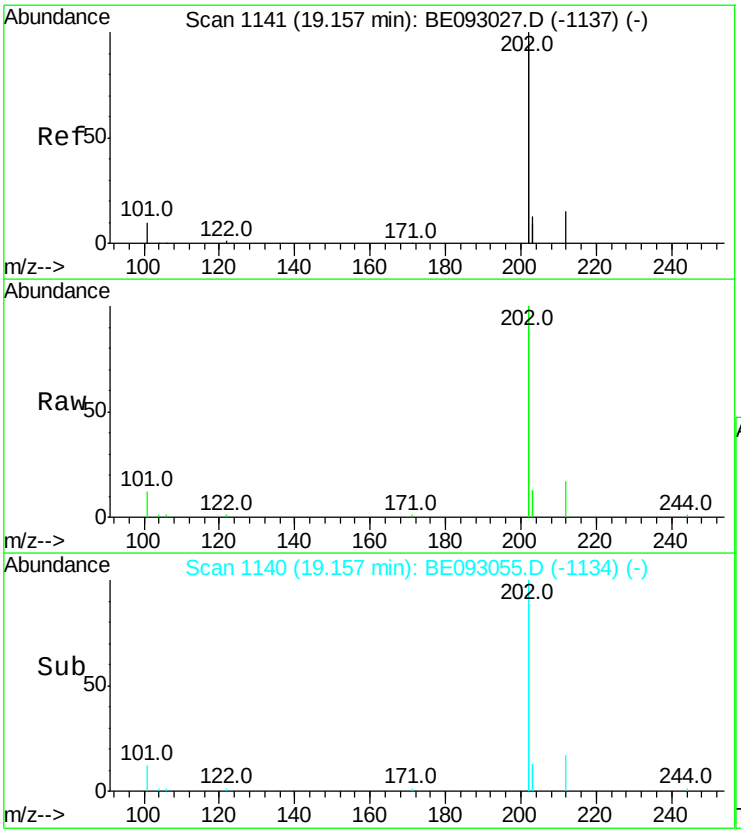
#25
Fluoranthene-d10
Concen: 0.42 ng
RT: 19.14 min Scan# 1139
Delta R.T. -0.00 min
Lab File: BE093055.D
Acq: 19 May 2017 11:28

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:212 Resp: 4698

Ion	Ratio	Lower	Upper
212	100		
106	16.6	0.0	0.0#
104	8.8	0.0	0.0#

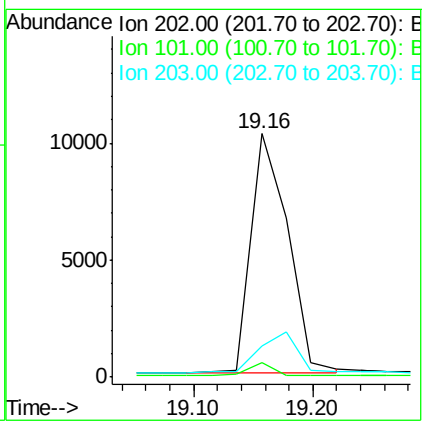


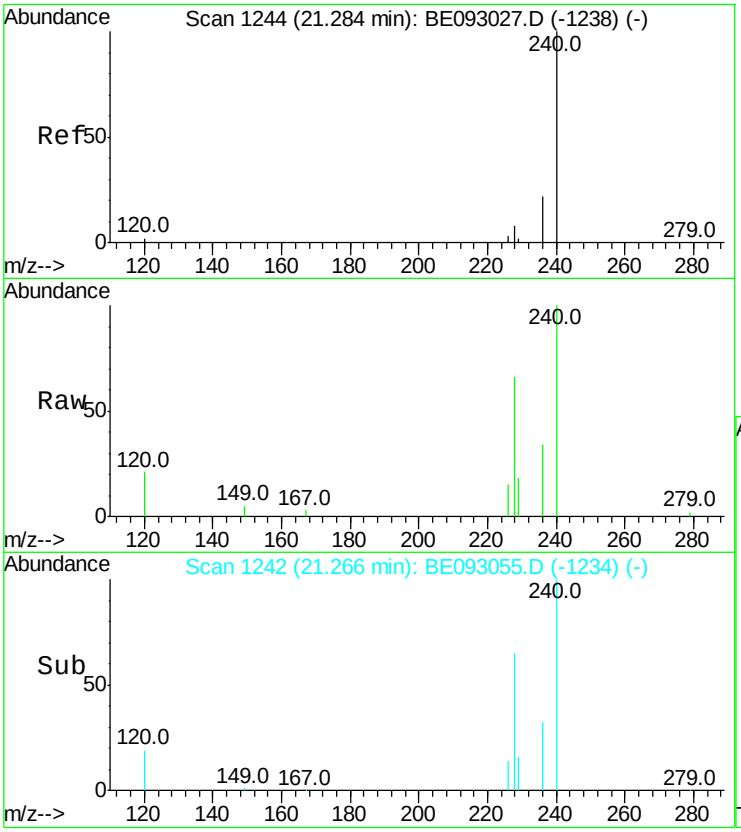


#26
Fluoranthene
Concen: 0.41 ng
RT: 19.16 min Scan# 1140
Delta R.T. -0.00 min
Lab File: BE093055.D
Acq: 19 May 2017 11:28

Tgt Ion:202 Resp: 21877

Ion	Ratio	Lower	Upper
202	100		
101	3.9	0.0	0.0#
203	0.0	14.4	21.6#



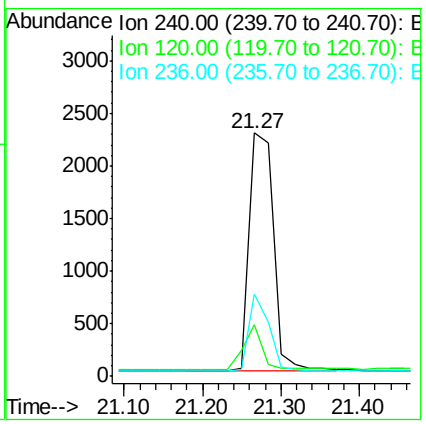


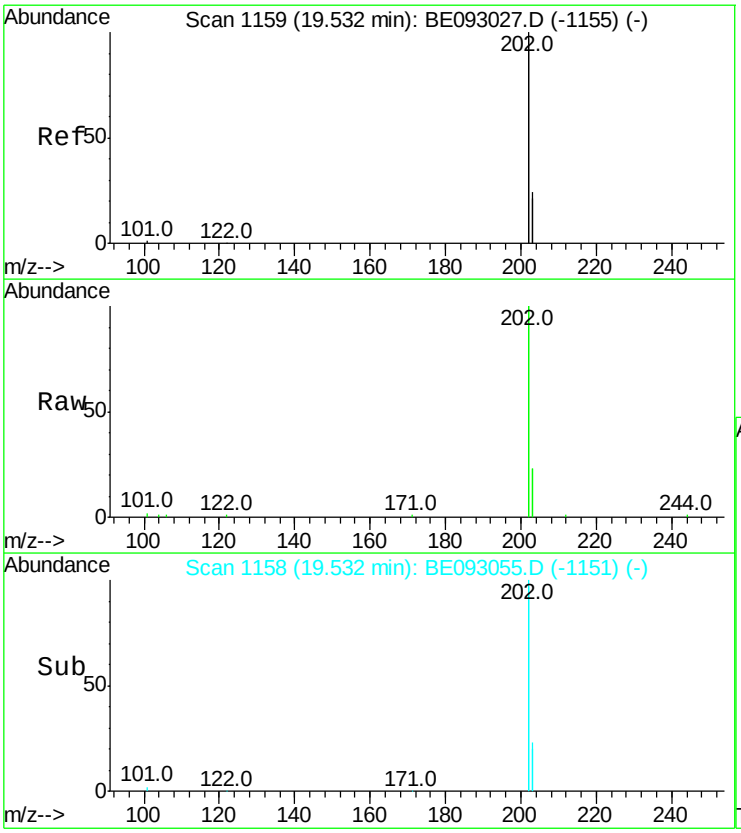
#27
Chrysene-d12
Concen: 0.40 ng
RT: 21.27 min Scan# 1242
Delta R.T. -0.02 min
Lab File: BE093055.D
Acq: 19 May 2017 11:28

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:240 Resp: 4961

Ion	Ratio	Lower	Upper
240	100		
120	21.4	4.6	7.0#
236	33.8	20.8	31.2#

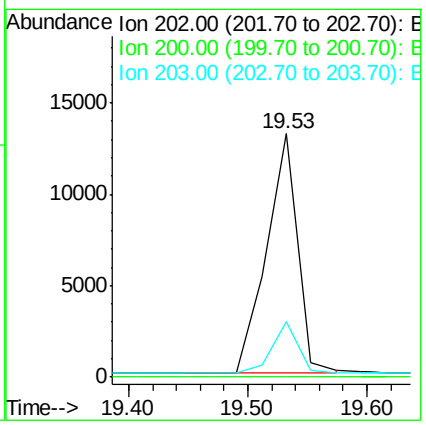


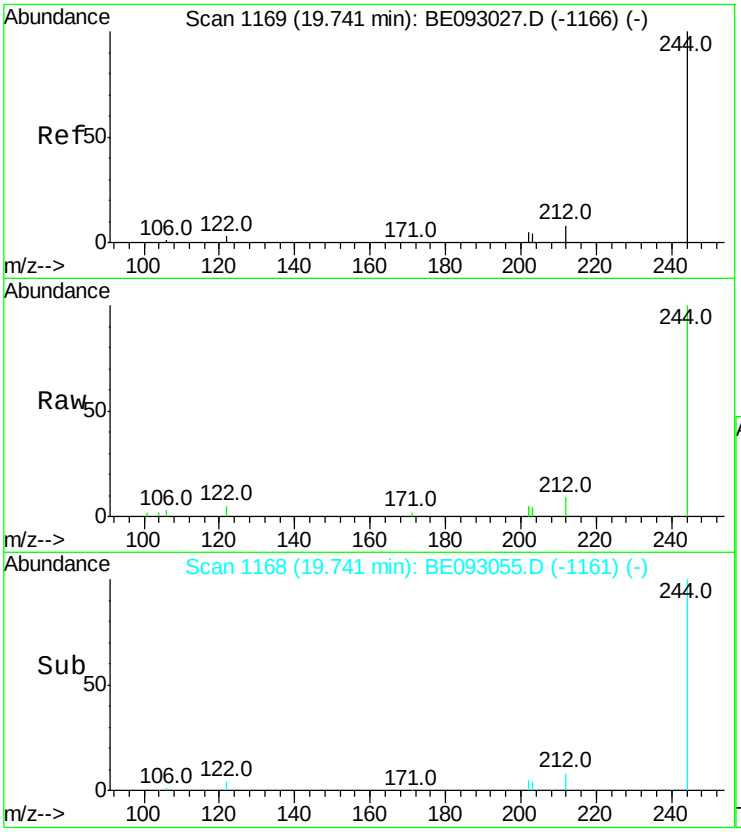


#28
Pyrene
Concen: 0.40 ng
RT: 19.53 min Scan# 1158
Delta R.T. -0.00 min
Lab File: BE093055.D
Acq: 19 May 2017 11:28

Tgt Ion:202 Resp: 24014

Ion	Ratio	Lower	Upper
202	100		
200	0.0	0.0	0.0
203	18.4	13.7	20.5



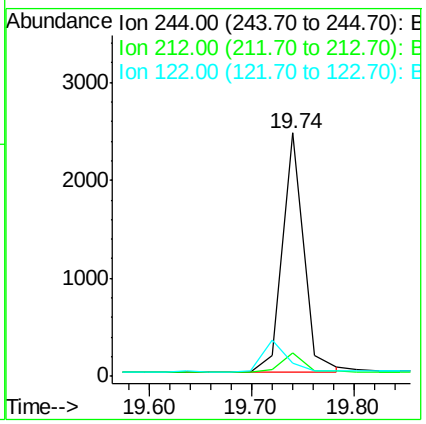


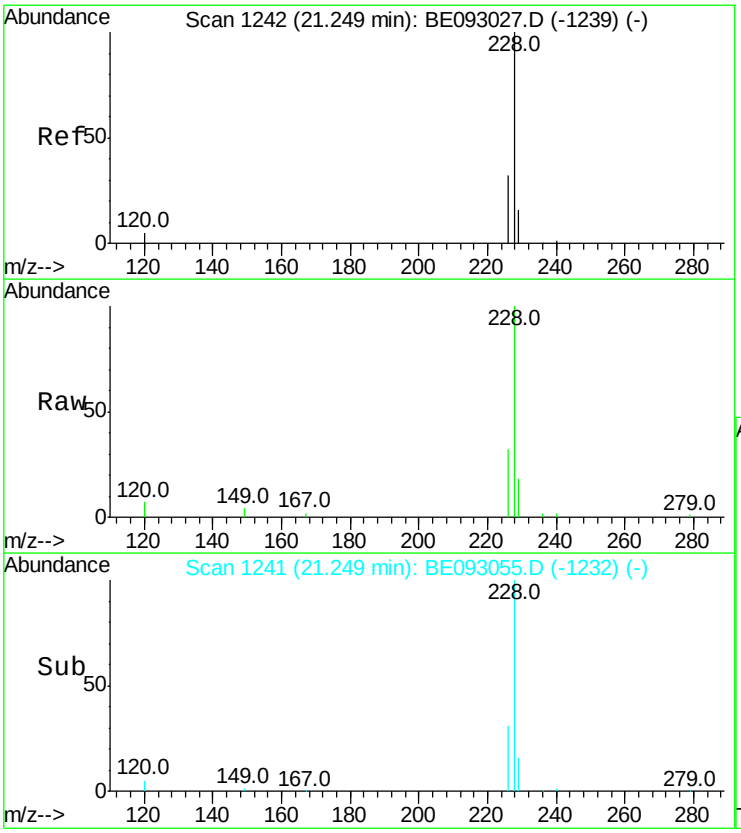
#29
Terphenyl-d14
Concen: 0.38 ng
RT: 19.74 min Scan# 1168
Delta R.T. -0.00 min
Lab File: BE093055.D
Acq: 19 May 2017 11:28

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:244 Resp: 3536

Ion	Ratio	Lower	Upper
244	100		
212	9.5	10.6	16.0#
122	5.5	15.4	23.0#

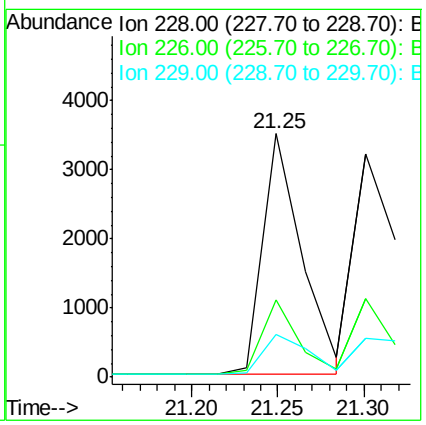


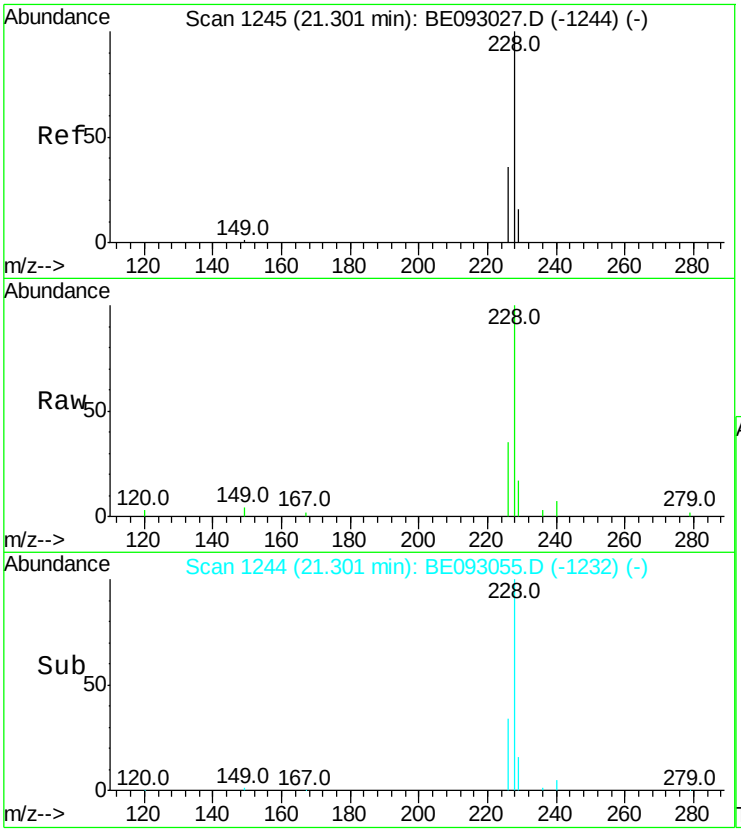


#30
Benzo(a)anthracene
Concen: 0.41 ng
RT: 21.25 min Scan# 1241
Delta R.T. -0.00 min
Lab File: BE093055.D
Acq: 19 May 2017 11:28

Tgt Ion:228 Resp: 5472

Ion	Ratio	Lower	Upper
228	100		
226	31.8	19.7	29.5#
229	17.5	19.2	28.8#



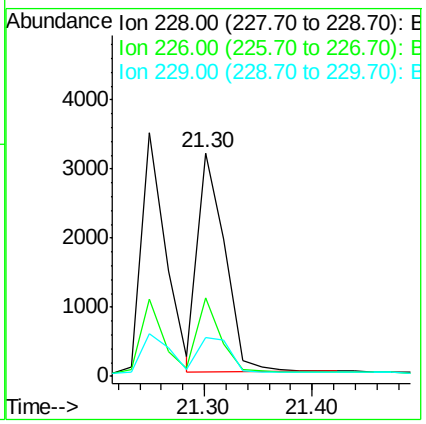


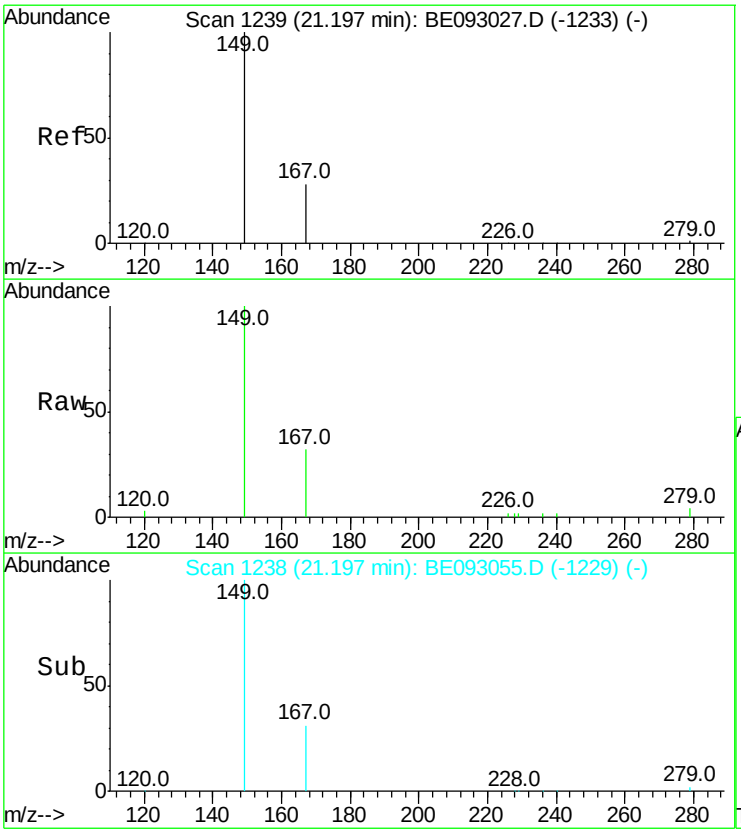
#31
Chrysene
Concen: 0.39 ng
RT: 21.30 min Scan# 1244
Delta R.T. -0.00 min
Lab File: BE093055.D
Acq: 19 May 2017 11:28

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:228 Resp: 5608

Ion	Ratio	Lower	Upper
228	100		
226	35.2	21.5	32.3#
229	17.4	18.6	28.0#

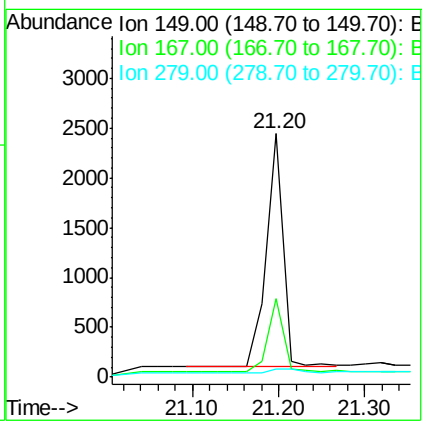


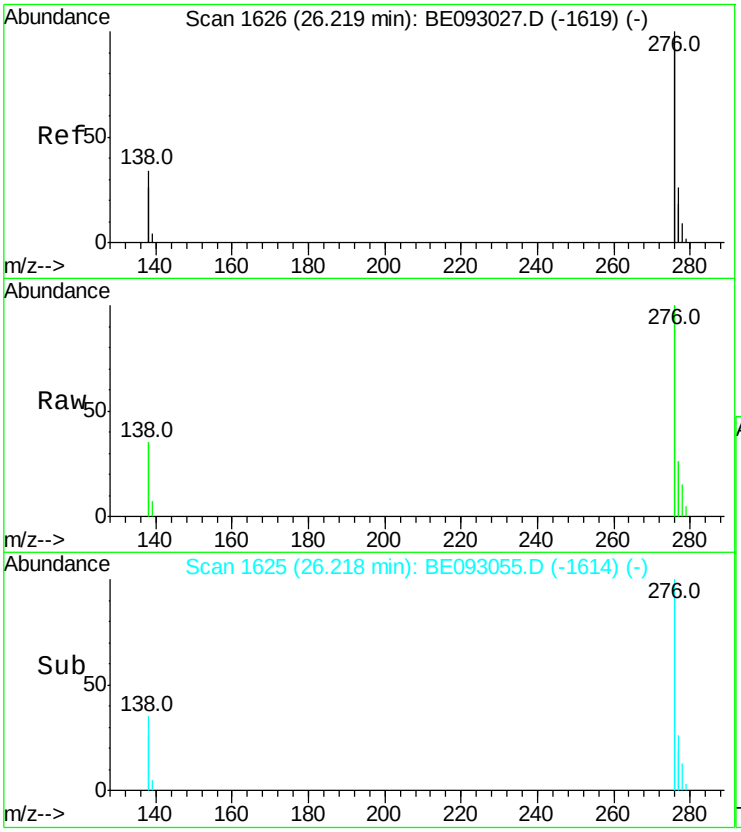


#32
Bis(2-ethylhexyl)phthalate
Concen: 0.47 ng
RT: 21.20 min Scan# 1238
Delta R.T. 0.00 min
Lab File: BE093055.D
Acq: 19 May 2017 11:28

Tgt Ion:149 Resp: 3233

Ion	Ratio	Lower	Upper
149	100		
167	28.1	20.1	30.1
279	2.4	2.2	3.4



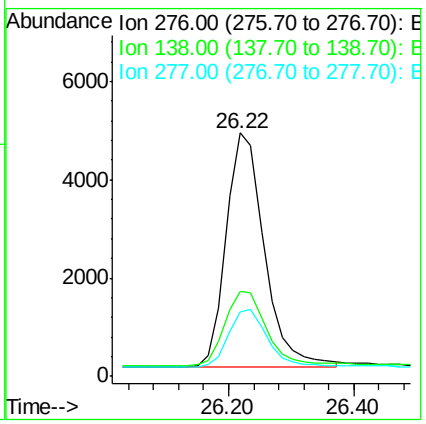


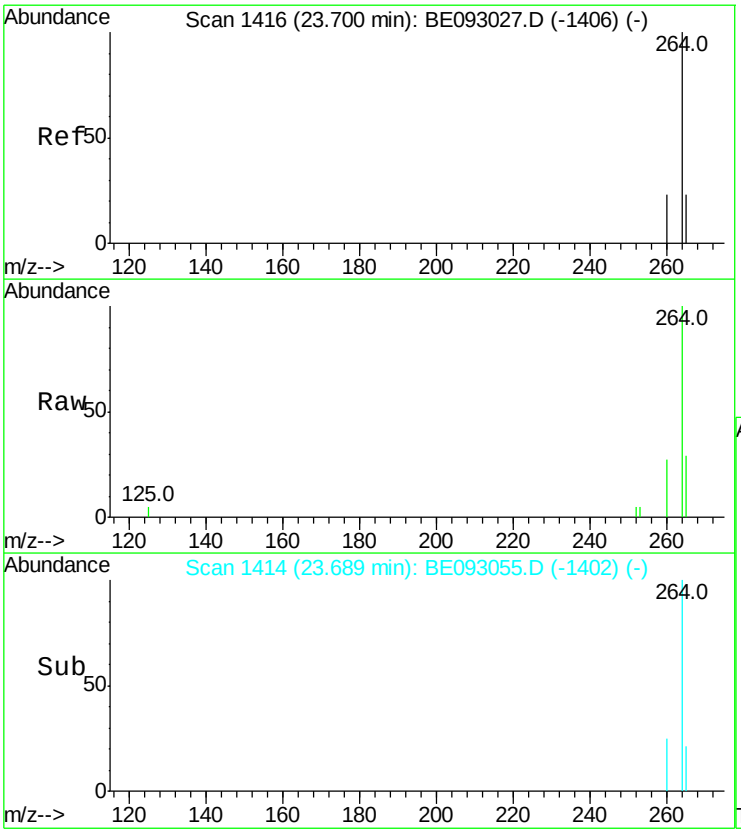
#33
Indeno(1,2,3-cd)pyrene
Concen: 0.38 ng
RT: 26.22 min Scan# 1625
Delta R.T. -0.00 min
Lab File: BE093055.D
Acq: 19 May 2017 11:28

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:276 Resp: 20259

Ion	Ratio	Lower	Upper
276	100		
138	34.0	27.4	41.2
277	24.9	20.1	30.1

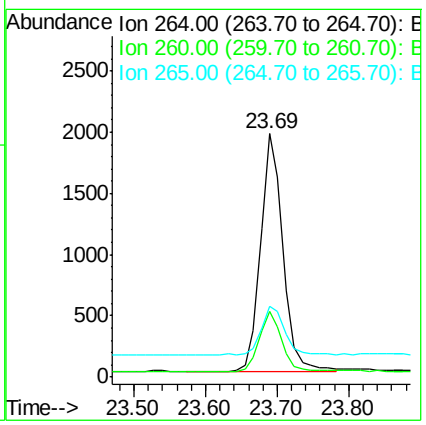


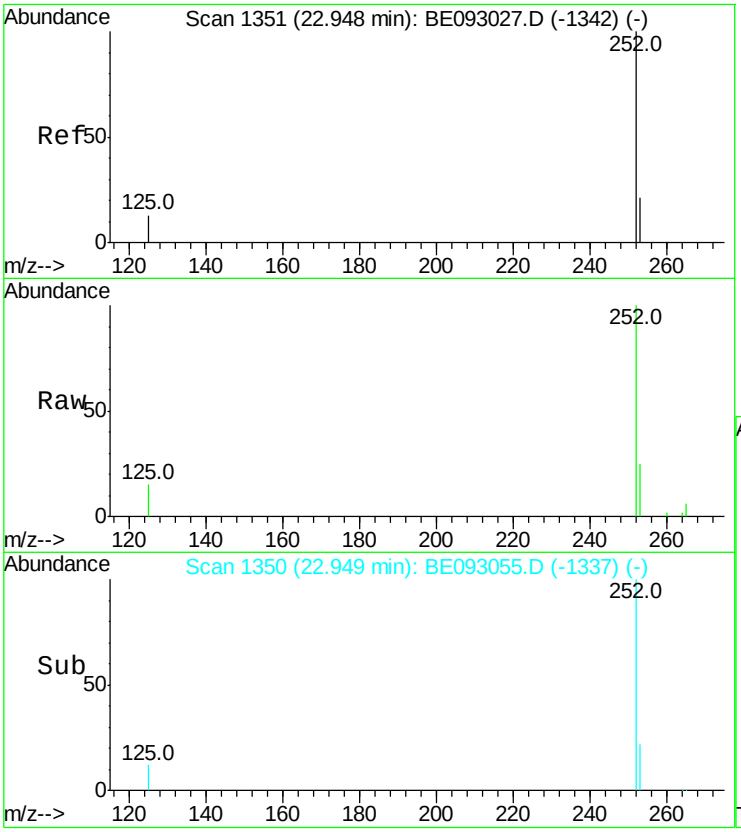


#34
Perylene-d12
Concen: 0.40 ng
RT: 23.69 min Scan# 1414
Delta R.T. -0.01 min
Lab File: BE093055.D
Acq: 19 May 2017 11:28

Tgt Ion:264 Resp: 4262

Ion	Ratio	Lower	Upper
264	100		
260	27.2	21.0	31.4
265	29.2	24.6	36.8



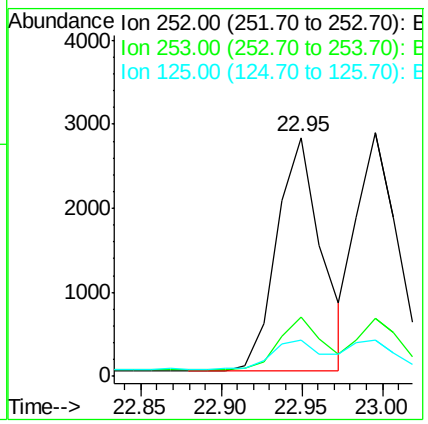


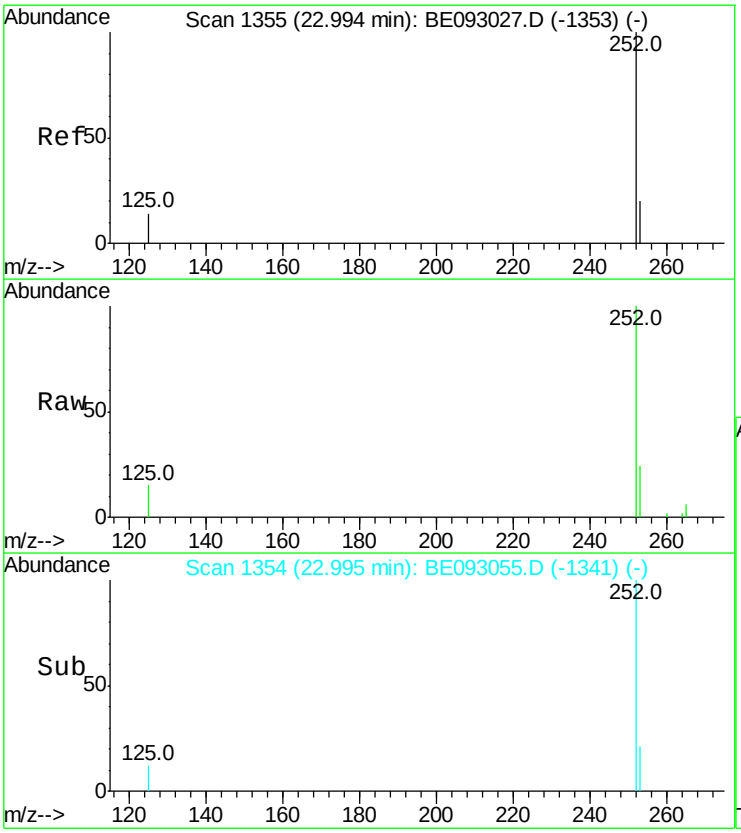
#35
Benzo(b)fluoranthene
Concen: 0.40 ng
RT: 22.95 min Scan# 1350
Delta R.T. 0.00 min
Lab File: BE093055.D
Acq: 19 May 2017 11:28

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:252 Resp: 5367

Ion	Ratio	Lower	Upper
252	100		
253	24.7	18.5	27.7
125	15.1	13.4	20.0

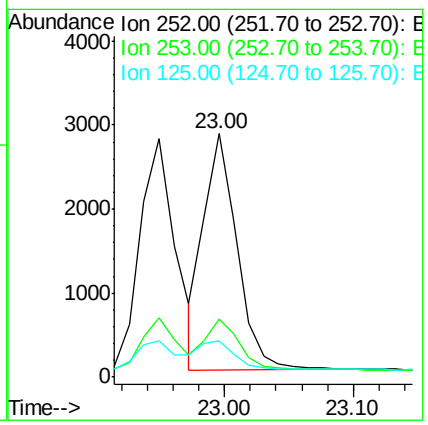


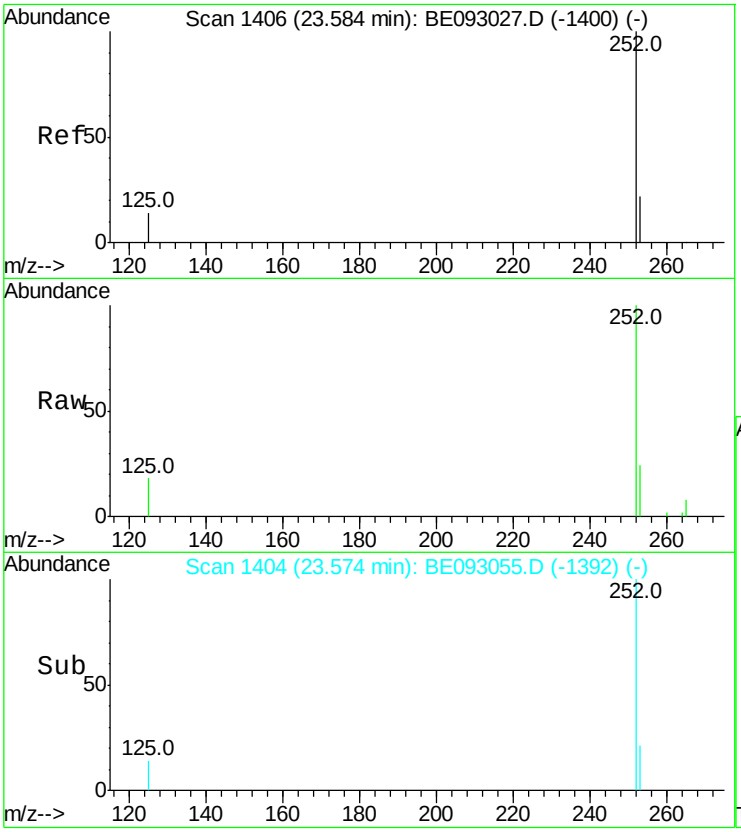


#36
Benzo(k)fluoranthene
Concen: 0.37 ng
RT: 23.00 min Scan# 1354
Delta R.T. 0.00 min
Lab File: BE093055.D
Acq: 19 May 2017 11:28

Tgt Ion:252 Resp: 5063

Ion	Ratio	Lower	Upper
252	100		
253	23.7	20.3	30.5
125	15.0	12.2	18.4



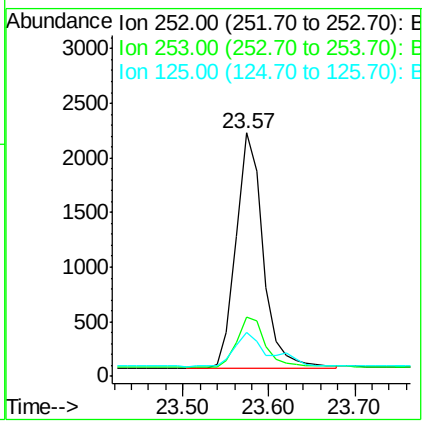


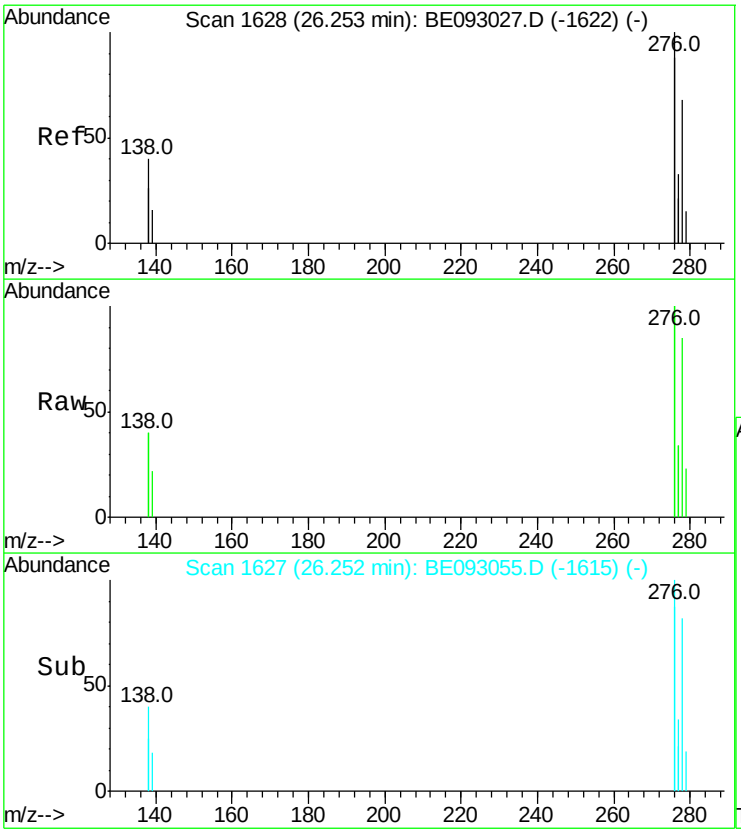
#37
Benzo(a)pyrene
Concen: 0.39 ng
RT: 23.57 min Scan# 1404
Delta R.T. -0.01 min
Lab File: BE093055.D
Acq: 19 May 2017 11:28

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:252 Resp: 4777

Ion	Ratio	Lower	Upper
252	100		
253	24.2	19.9	29.9
125	17.9	14.6	21.8

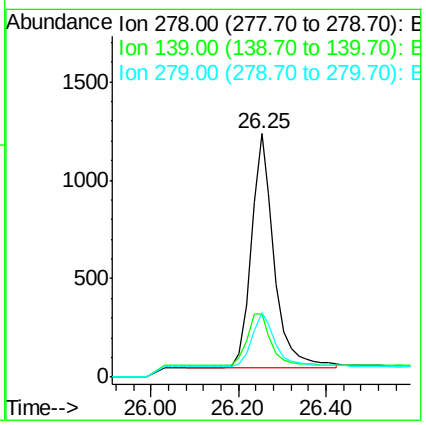


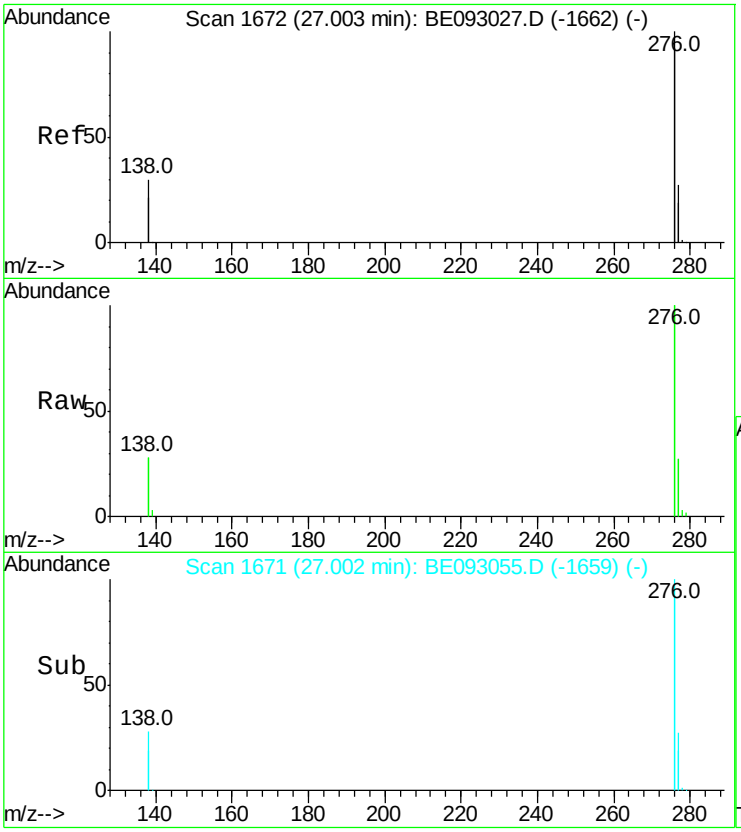


#38
Dibenzo(a,h)anthracene
Concen: 0.38 ng
RT: 26.25 min Scan# 1627
Delta R.T. -0.00 min
Lab File: BE093055.D
Acq: 19 May 2017 11:28

Tgt Ion:278 Resp: 4339

Ion	Ratio	Lower	Upper
278	100		
139	25.9	21.4	32.0
279	26.6	22.2	33.2





#39
Benzo(g,h,i)perylene
Concen: 0.39 ng
RT: 27.00 min Scan# 1671
Delta R.T. -0.00 min
Lab File: BE093055.D
Acq: 19 May 2017 11:28

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:276 Resp: 19417

Ion	Ratio	Lower	Upper
276	100		
277	26.6	21.2	31.8
138	28.2	24.5	36.7