Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA E\DATA\BE070717\
Data File : BE093448.D
Acq On : 7 Jul 2017 18:12
Operator : SJ/JU
Sample : SSTDCCC0.4EC
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument : BNA_E
ClientSampleId :

Quant Time: Jul 07 23:14:36 2017
Quant Method : Z:\HPCHEM1\BNA E\METHODS\8270-SIM-BE070217.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Jul 03 06:40:23 2017
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.94	152	4185	0.40	ng		0.00
7) Naphthalene-d8	10.72	136	22330	0.40	ng		0.00
13) Acenaphthene-d10	14.54	164	14348	0.40	ng		0.00
19) Phenanthrene-d10	17.27	188	27587	0.40	ng		0.00
27) Chrysene-d12	21.43	240	37615	0.40	ng		0.00
34) Perylene-d12	23.93	264	32215	0.40	ng		0.00
System Monitoring Compounds							
4) 2-Fluorophenol	5.53	112	4836	0.38	ng		0.00
5) Phenol-d6	7.10	99	7543	0.41	ng		0.00
8) Nitrobenzene-d5	9.08	82	6372	0.45	ng		0.00
11) 2-Methylnaphthalene-d10	12.31	152	14571	0.41	ng		0.00
14) 2,4,6-Tribromophenol	16.03	330	1214	0.27	ng		0.00
15) 2-Fluorobiphenyl	13.18	172	22086	0.40	ng		0.00
25) Fluoranthene-d10	19.28	212	151407	0.46	ng		0.00
29) Terphenyl-d14	19.87	244	27112	0.40	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.45	88	3036	0.34	ng		94
3) n-Nitrosodimethylamine	3.76	42	1766	0.40	ng	#	89
6) bis(2-Chloroethyl)ether	7.35	93	5480	0.39	ng	#	99
9) Naphthalene	10.77	128	90825	0.39	ng	#	73
10) Hexachlorobutadiene	11.06	225	3311	0.37	ng		98
12) 2-Methylnaphthalene	12.38	142	15951	0.41	ng		96
16) Acenaphthylene	14.26	152	23200	0.39	ng	#	87
17) Acenaphthene	14.60	154	17147	0.39	ng		98
18) Fluorene	15.58	166	21716	0.36	ng	#	88
20) 4-Bromophenyl-phenylether	16.45	248	9164	0.61	ng	#	3
21) Hexachlorobenzene	16.58	284	8529	0.52	ng	#	100
22) Pentachlorophenol	16.91	266	1500	0.70	ng	#	78
23) Phenanthrene	17.30	178	43668	0.44	ng		96
24) Anthracene	17.30	178	46121	0.75	ng		96
26) Fluoranthene	19.31	202	42881	0.45	ng		99
28) Pyrene	19.67	202	43544	0.41	ng	#	99
30) Benzo(a)anthracene	21.40	228	38766	0.38	ng		94
31) Chrysene	21.46	228	41976	0.40	ng		94
32) Bis(2-ethylhexyl)phthalate	21.33	149	56851	0.39	ng	#	67
33) Indeno(1,2,3-cd)pyrene	26.58	276	38855	0.42	ng		95
35) Benzo(b)fluoranthene	23.16	252	39127	0.38	ng		96
36) Benzo(k)fluoranthene	23.16	252	39127	0.38	ng		97
37) Benzo(a)pyrene	23.82	252	35192	0.39	ng		95
38) Dibenzo(a,h)anthracene	26.60	278	34534	0.39	ng	#	91
39) Benzo(g,h,i)perylene	27.40	276	34132	0.38	ng		92

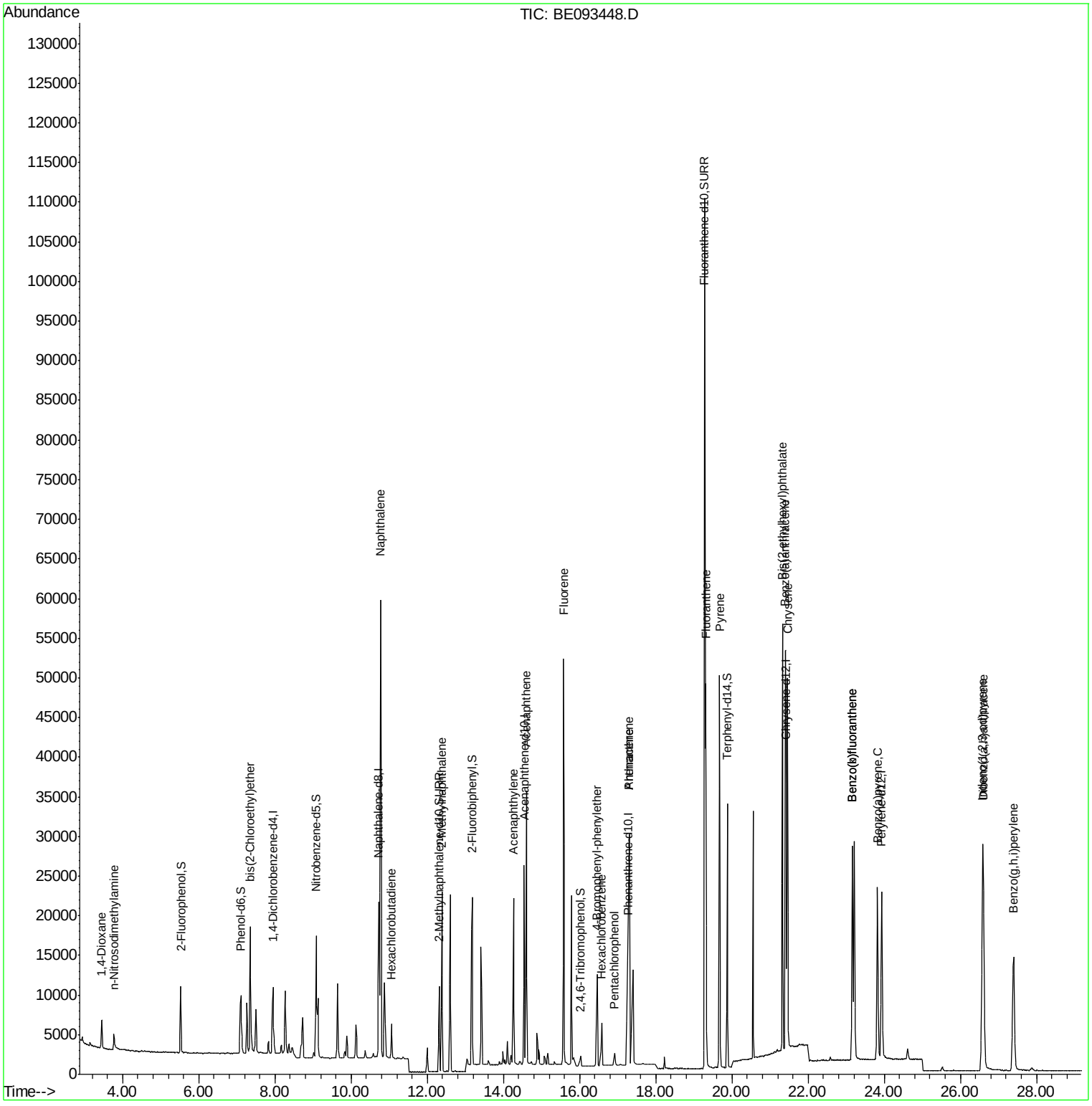
(#) = qualifier out of range (m) = manual integration (+) = signals summed

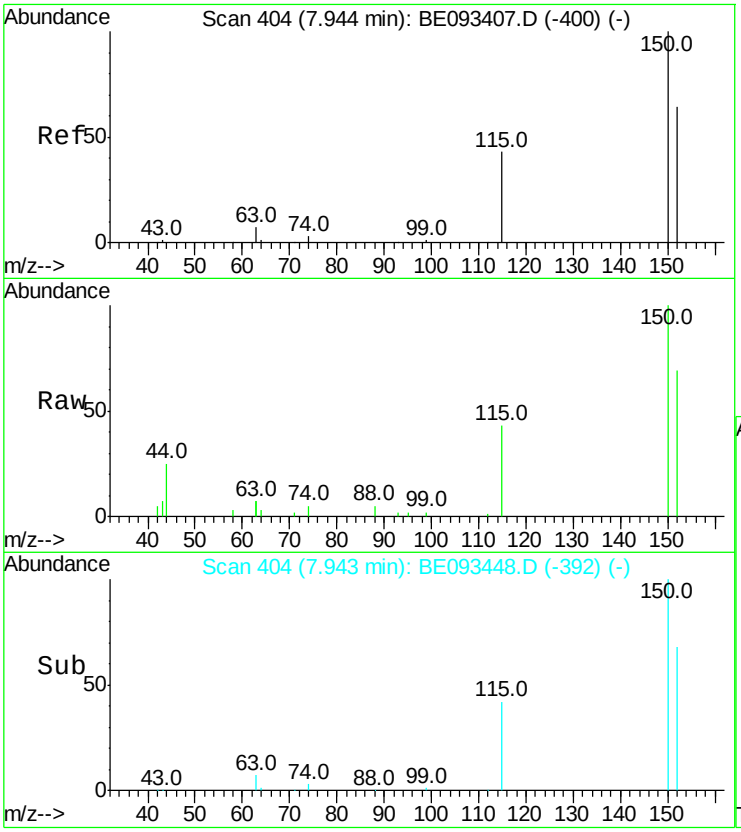
Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA E\DATA\BE070717\
Data File : BE093448.D
Acq On : 7 Jul 2017 18:12
Operator : SJ/JU
Sample : SSTDCCC0.4EC
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_E
ClientSampleId :

Quant Time: Jul 07 23:14:36 2017
Quant Method : Z:\HPCHEM1\BNA E\METHODS\8270-SIM-BE070217.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Jul 03 06:40:23 2017
Response via : Initial Calibration



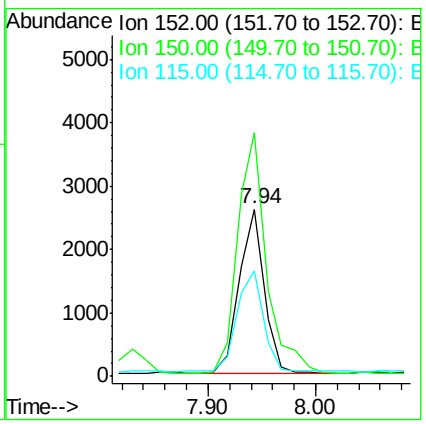


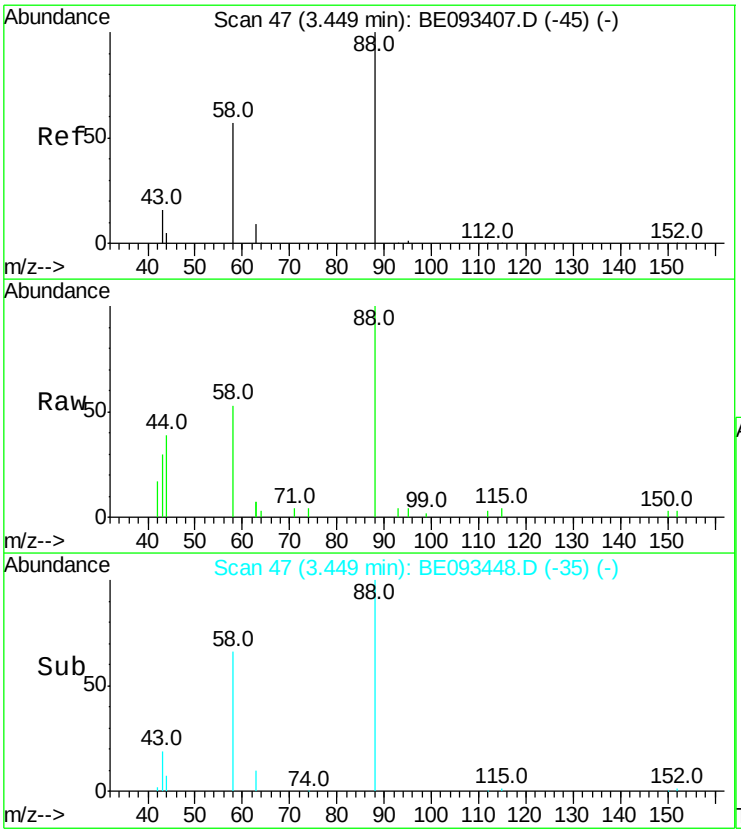
#1
1,4-Dichlorobenzene-d4
Concen: 0.40 ng
RT: 7.94 min Scan# 404
Delta R.T. -0.00 min
Lab File: BE093448.D
Acq: 7 Jul 2017 18:12

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:152 Resp: 4185

Ion	Ratio	Lower	Upper
152	100		
150	145.7	125.1	187.7
115	62.8	55.7	83.5

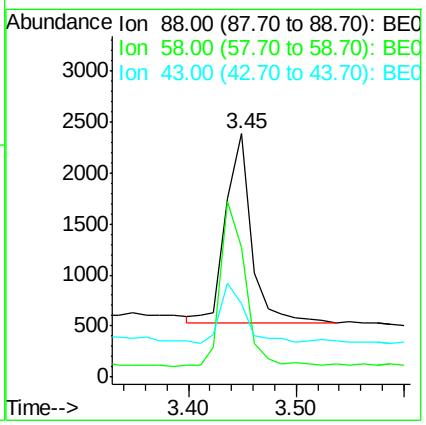


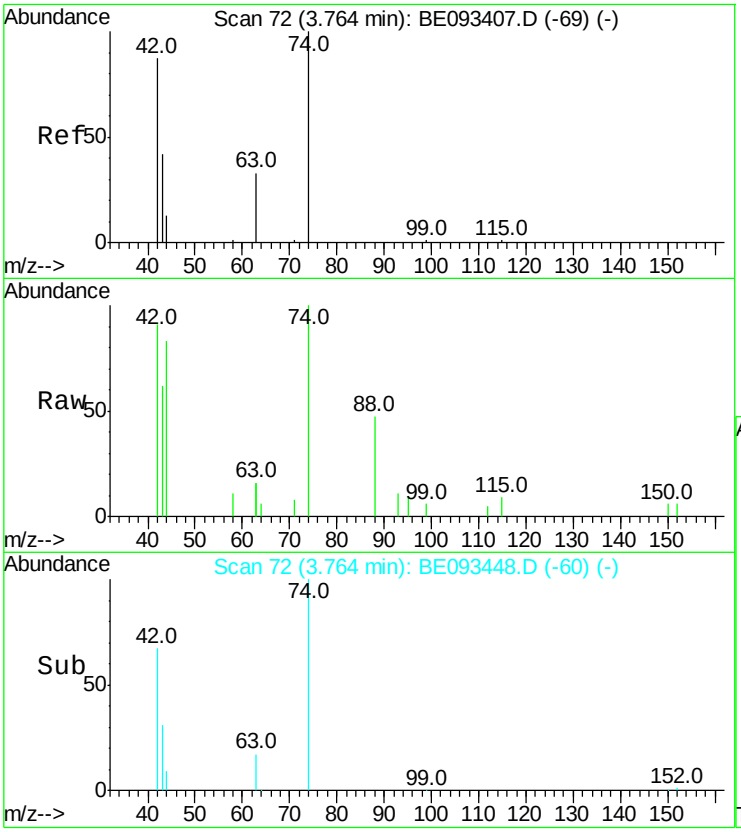


#2
1,4-Dioxane
Concen: 0.34 ng
RT: 3.45 min Scan# 47
Delta R.T. -0.00 min
Lab File: BE093448.D
Acq: 7 Jul 2017 18:12

Tgt Ion: 88 Resp: 3036

Ion	Ratio	Lower	Upper
88	100		
58	83.3	62.2	93.4
43	27.2	23.2	34.8



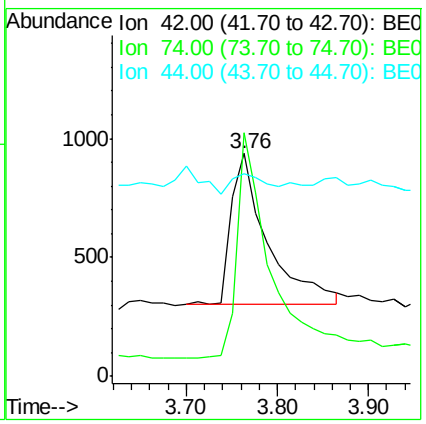


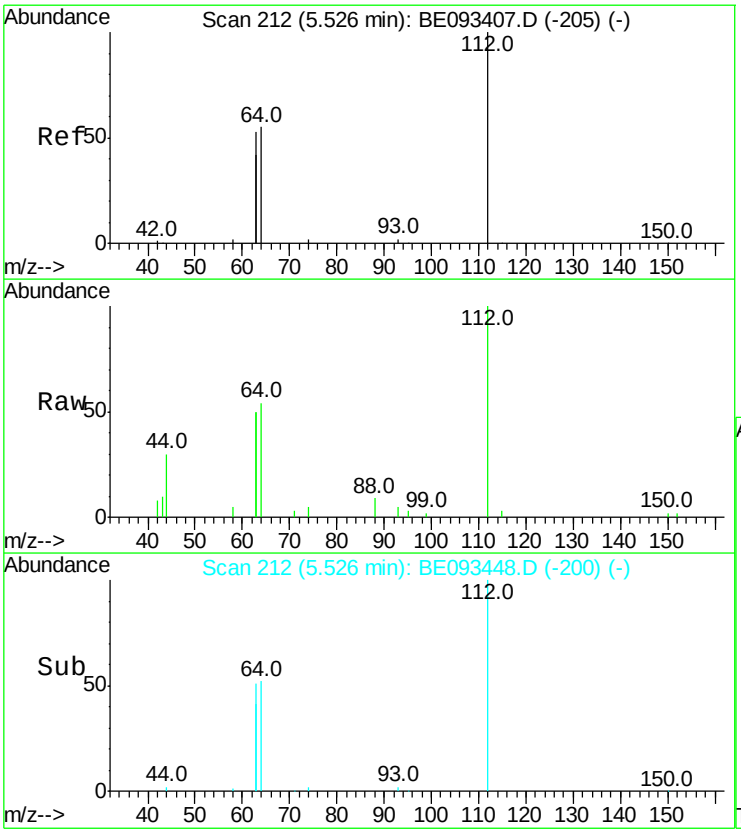
#3
n-Nitrosodimethylamine
Concen: 0.40 ng
RT: 3.76 min Scan# 72
Delta R.T. 0.00 min
Lab File: BE093448.D
Acq: 7 Jul 2017 18:12

Instrument :
BNA_E
ClientSampleId :

Tgt Ion: 42 Resp: 1766

Ion	Ratio	Lower	Upper
42	100		
74	136.8	99.1	148.7
44	13.2	7.4	11.2#

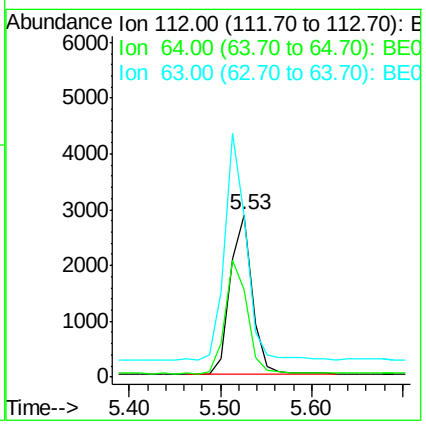


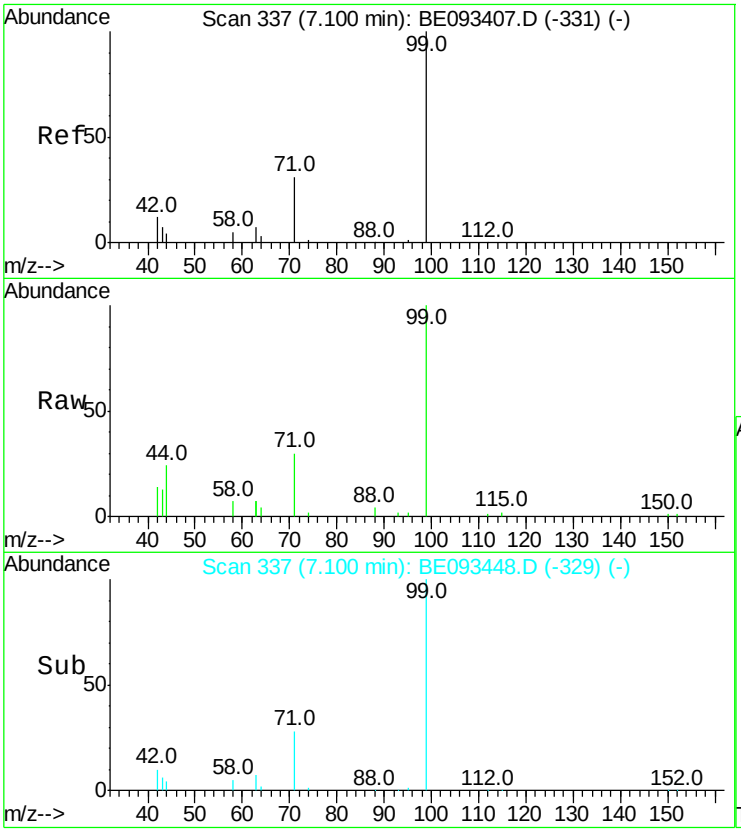


#4
2-Fluorophenol
Concen: 0.38 ng
RT: 5.53 min Scan# 212
Delta R.T. -0.00 min
Lab File: BE093448.D
Acq: 7 Jul 2017 18:12

Tgt Ion:112 Resp: 4836

Ion	Ratio	Lower	Upper
112	100		
64	70.1	56.4	84.6
63	138.8	29.3	43.9#



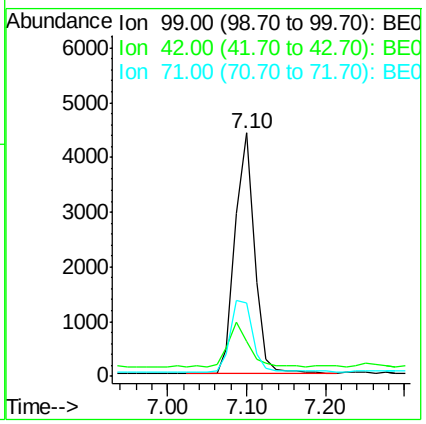


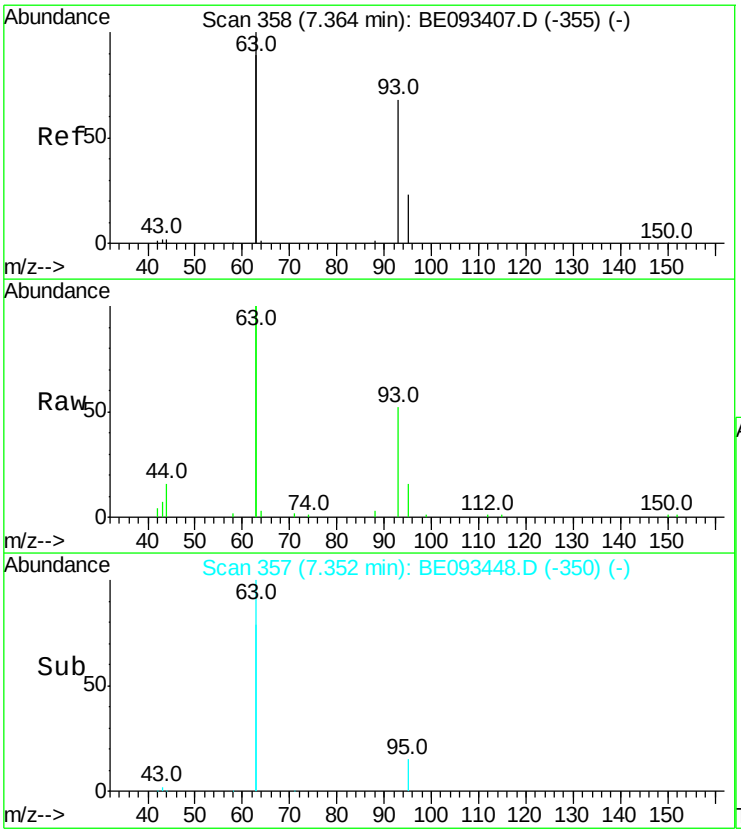
#5
Phenol-d6
Concen: 0.41 ng
RT: 7.10 min Scan# 337
Delta R.T. -0.00 min
Lab File: BE093448.D
Acq: 7 Jul 2017 18:12

Instrument :
BNA_E
ClientSampleId :

Tgt Ion: 99 Resp: 7543

Ion	Ratio	Lower	Upper
99	100		
42	19.3	0.0	0.0#
71	34.5	0.0	0.0#

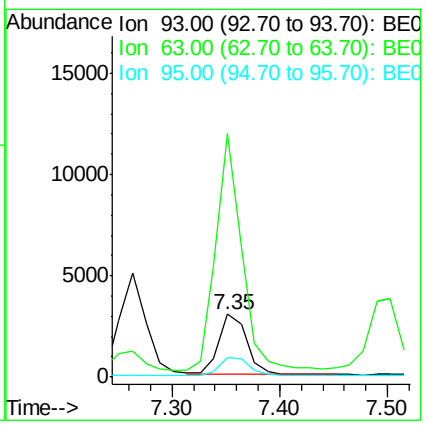


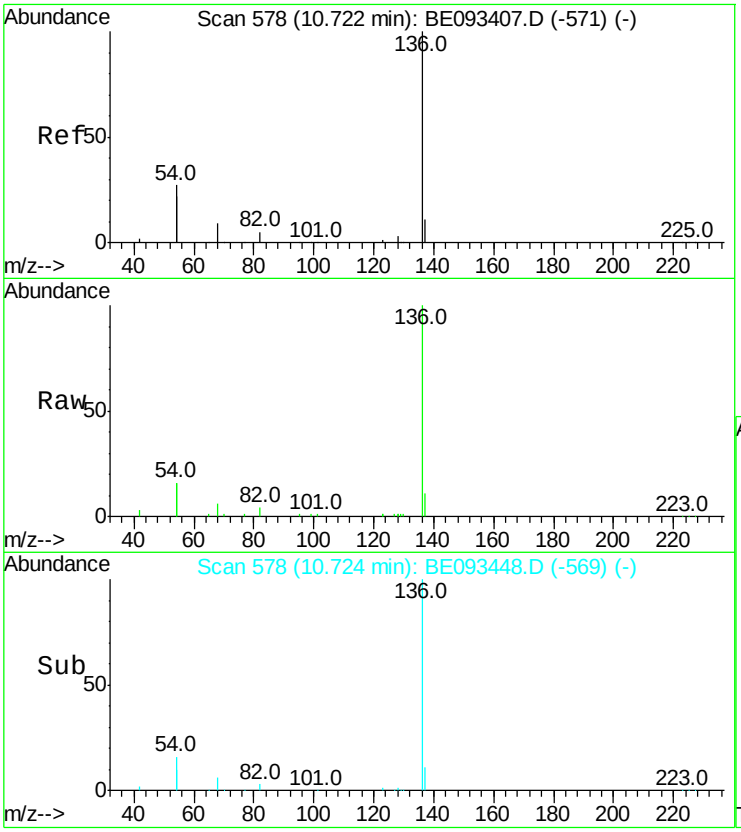


#6
bis(2-Chloroethyl)ether
Concen: 0.39 ng
RT: 7.35 min Scan# 357
Delta R.T. -0.01 min
Lab File: BE093448.D
Acq: 7 Jul 2017 18:12

Tgt Ion: 93 Resp: 5480

Ion	Ratio	Lower	Upper
93	100		
63	352.2	0.0	0.0#
95	32.2	25.4	38.0



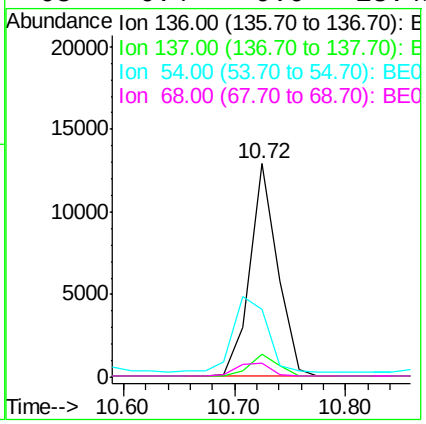


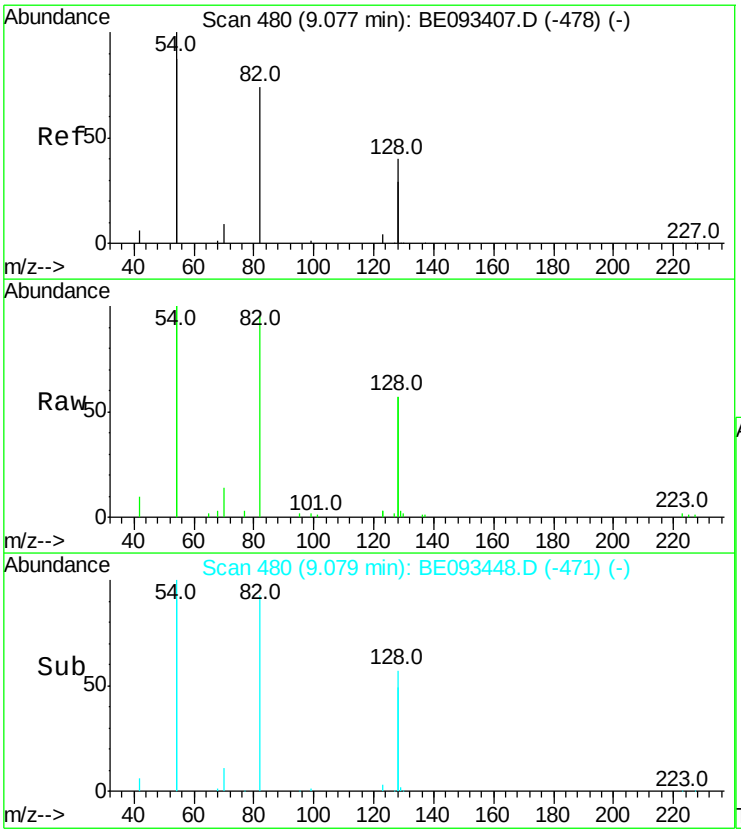
#7
Naphthalene-d8
Concen: 0.40 ng
RT: 10.72 min Scan# 578
Delta R.T. 0.00 min
Lab File: BE093448.D
Acq: 7 Jul 2017 18:12

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:136 Resp: 22330

Ion	Ratio	Lower	Upper
136	100		
137	11.1	9.8	14.8
54	31.9	10.3	15.5#
68	6.4	9.0	13.4#

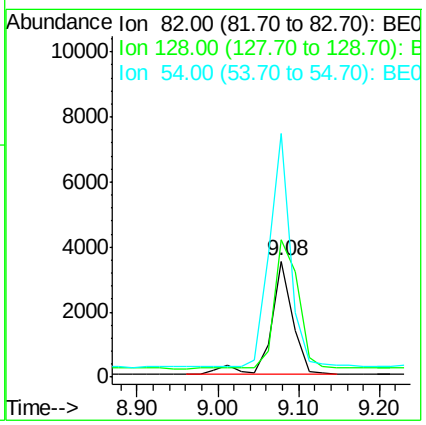


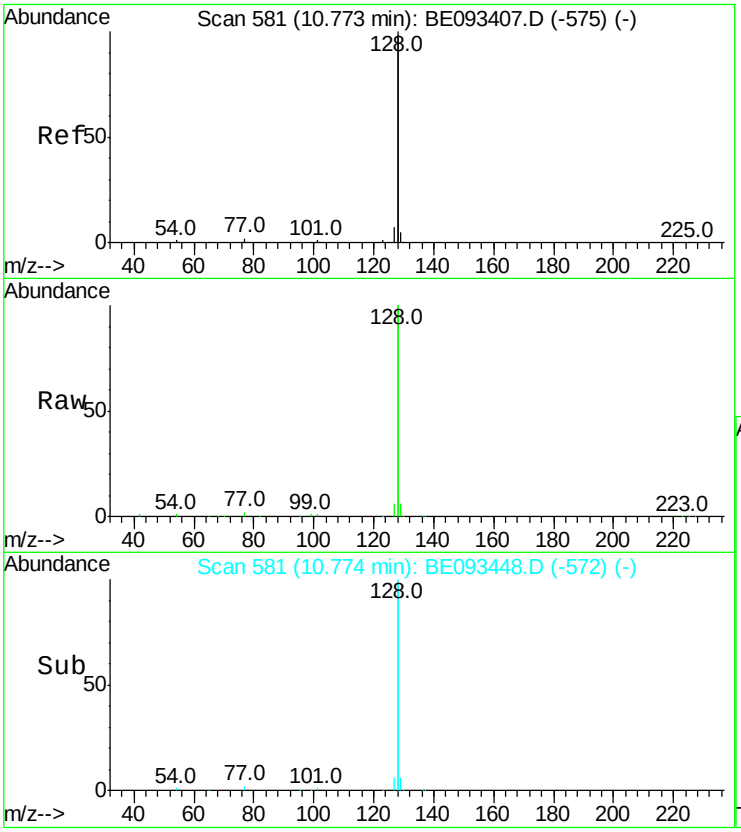


#8
Nitrobenzene-d5
Concen: 0.45 ng
RT: 9.08 min Scan# 480
Delta R.T. 0.00 min
Lab File: BE093448.D
Acq: 7 Jul 2017 18:12

Tgt Ion: 82 Resp: 6372

Ion	Ratio	Lower	Upper
82	100		
128	118.7	17.0	25.4#
54	209.8	53.8	80.6#



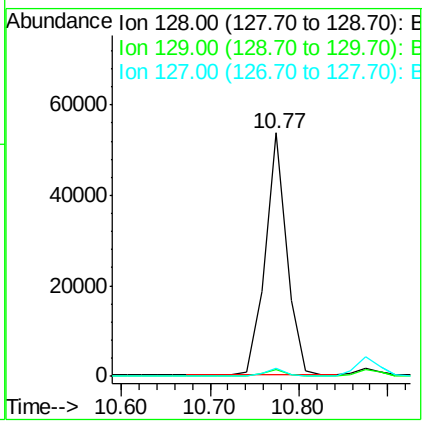


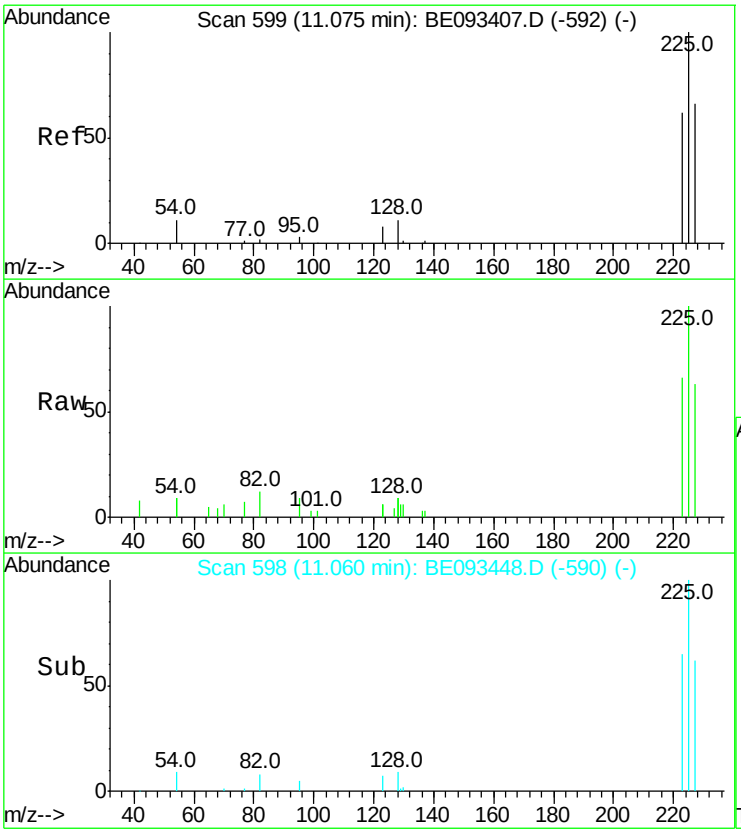
#9
Naphthalene
Concen: 0.39 ng
RT: 10.77 min Scan# 581
Delta R.T. 0.00 min
Lab File: BE093448.D
Acq: 7 Jul 2017 18:12

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:128 Resp: 90825

Ion	Ratio	Lower	Upper
128	100		
129	2.9	11.4	17.0#
127	3.2	11.2	16.8#

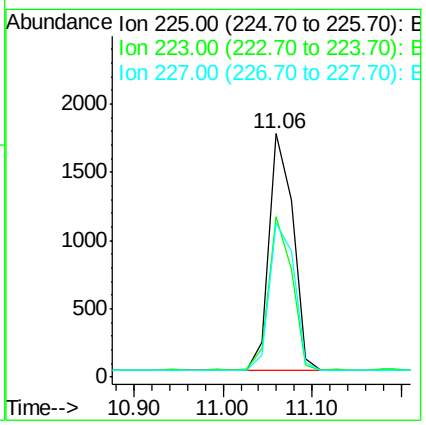


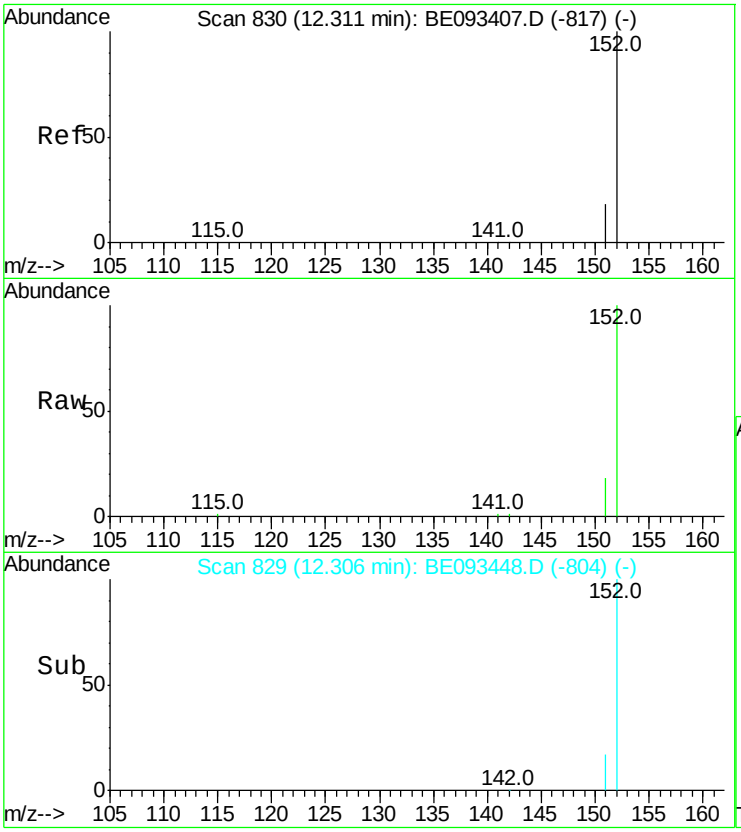


#10
Hexachlorobutadiene
Concen: 0.37 ng
RT: 11.06 min Scan# 598
Delta R.T. -0.02 min
Lab File: BE093448.D
Acq: 7 Jul 2017 18:12

Tgt Ion:225 Resp: 3311

Ion	Ratio	Lower	Upper
225	100		
223	63.4	49.7	74.5
227	64.8	50.3	75.5



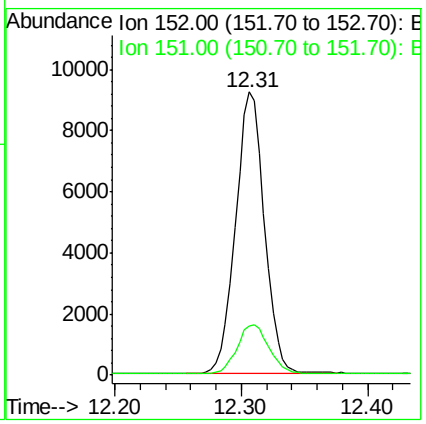


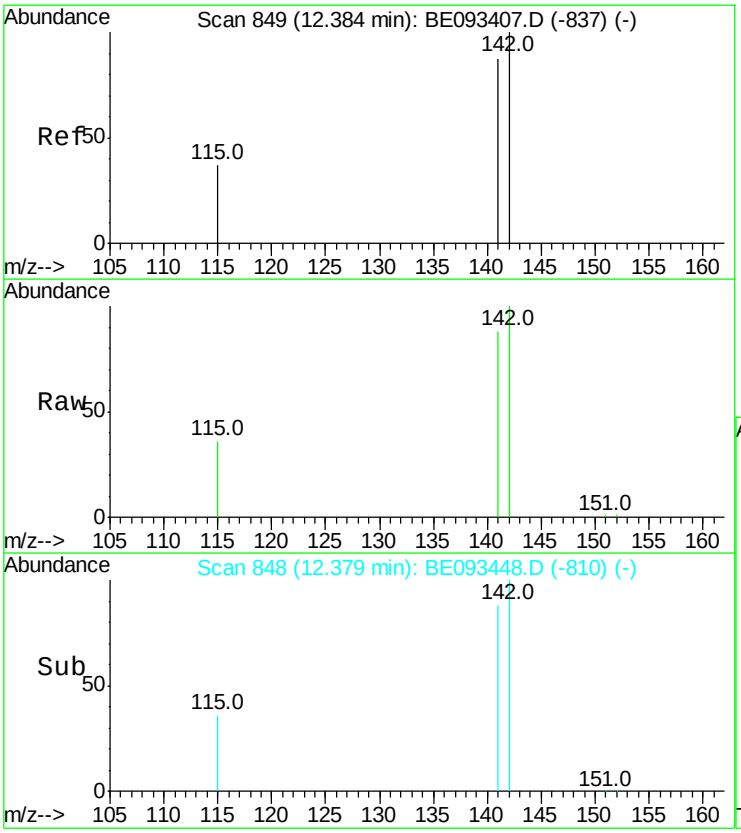
#11
2-Methylnaphthalene-d10
Concen: 0.41 ng
RT: 12.31 min Scan# 829
Delta R.T. -0.00 min
Lab File: BE093448.D
Acq: 7 Jul 2017 18:12

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:152 Resp: 14571

Ion	Ratio	Lower	Upper
152	100		
151	19.1	15.1	22.7

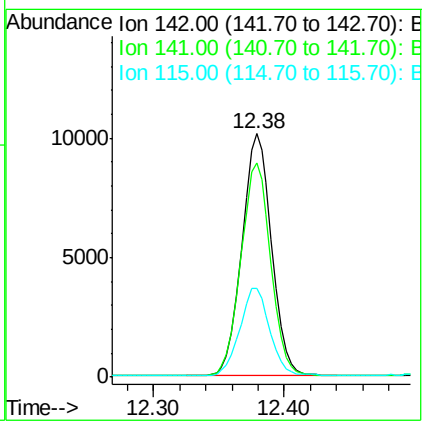


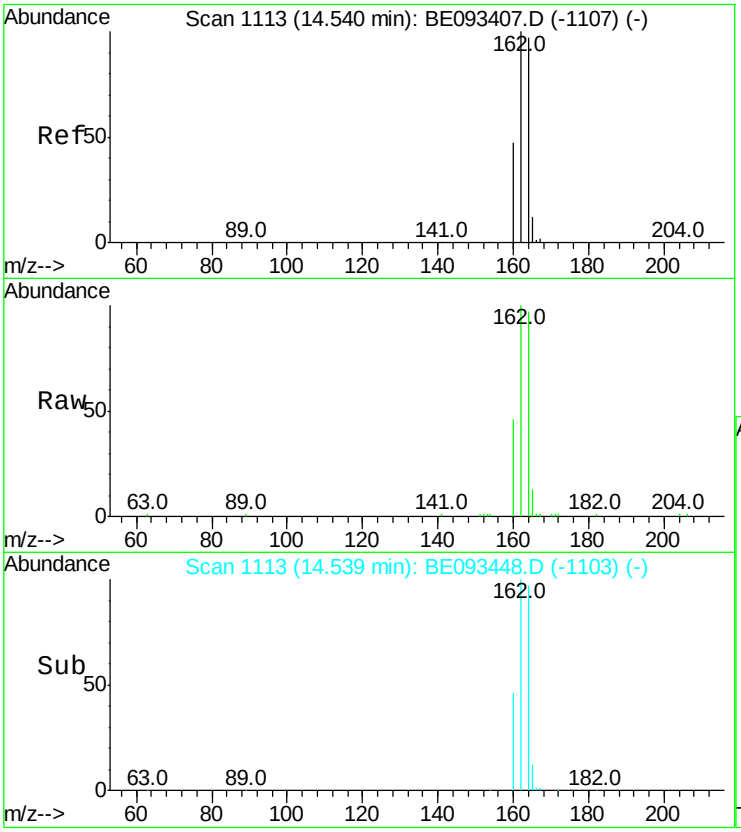


#12
2-Methylnaphthalene
Concen: 0.41 ng
RT: 12.38 min Scan# 848
Delta R.T. -0.00 min
Lab File: BE093448.D
Acq: 7 Jul 2017 18:12

Tgt Ion:142 Resp: 15951

Ion	Ratio	Lower	Upper
142	100		
141	88.1	72.6	108.8
115	36.4	32.2	48.2



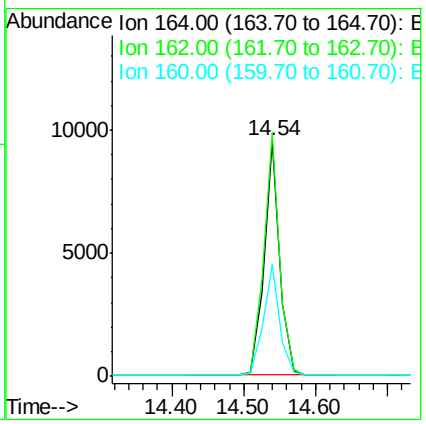


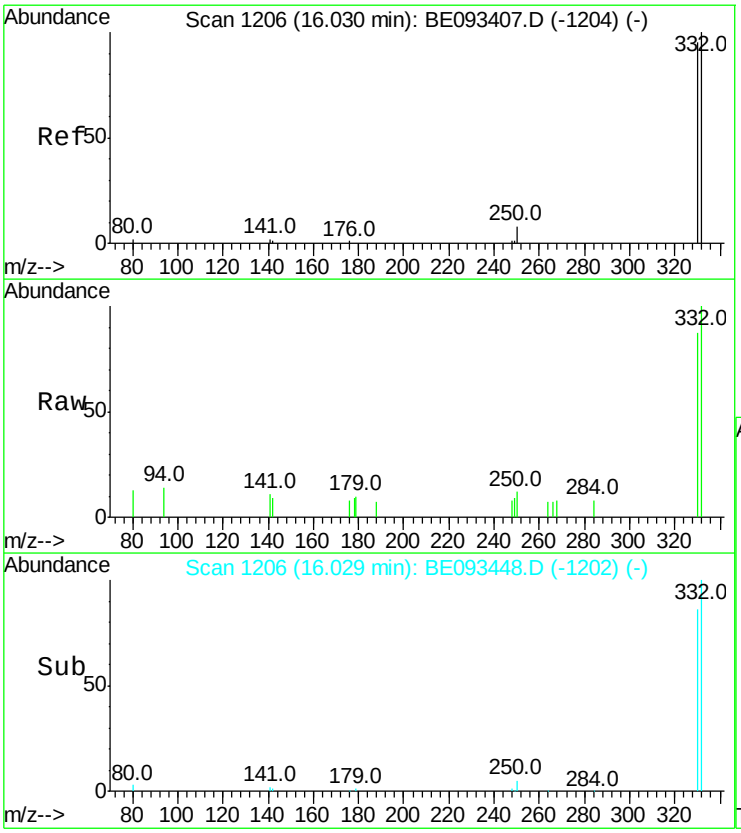
#13
Acenaphthene-d10
Concen: 0.40 ng
RT: 14.54 min Scan# 1113
Delta R.T. -0.00 min
Lab File: BE093448.D
Acq: 7 Jul 2017 18:12

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:164 Resp: 14348

Ion	Ratio	Lower	Upper
164	100		
162	103.5	84.6	127.0
160	47.4	41.8	62.6

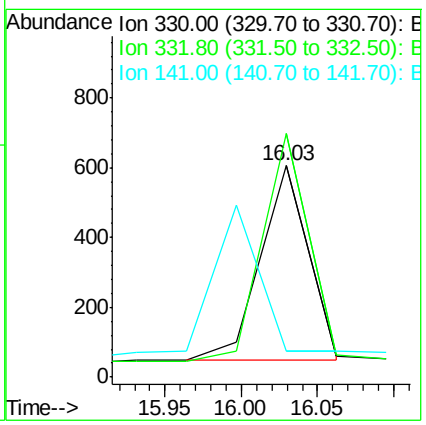


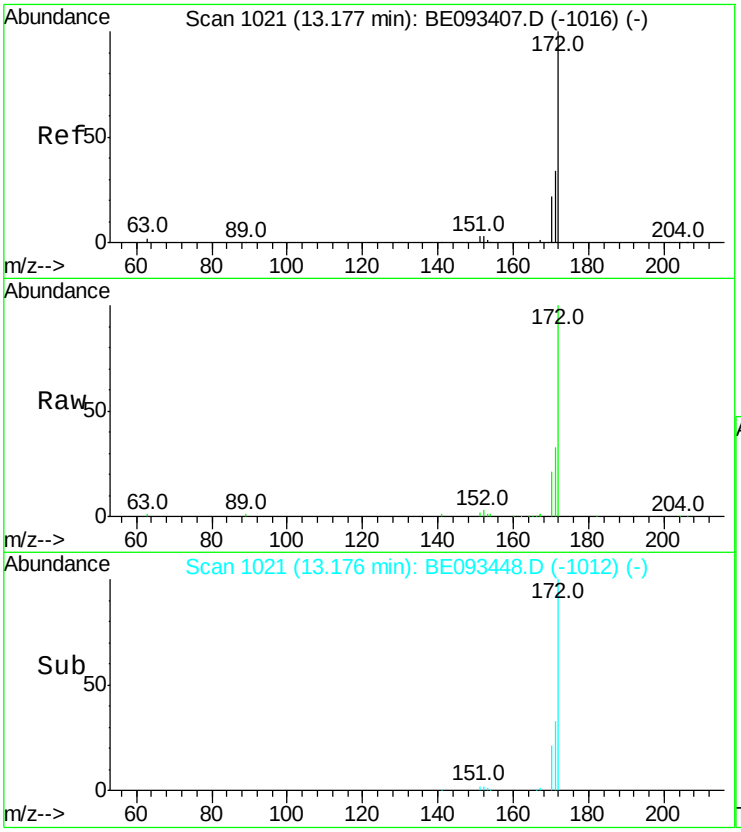


#14
2,4,6-Tribromophenol
Concen: 0.27 ng
RT: 16.03 min Scan# 1206
Delta R.T. -0.00 min
Lab File: BE093448.D
Acq: 7 Jul 2017 18:12

Tgt Ion:330 Resp: 1214

Ion	Ratio	Lower	Upper
330	100		
332	111.9	77.7	116.5
141	0.0	56.2	84.4#



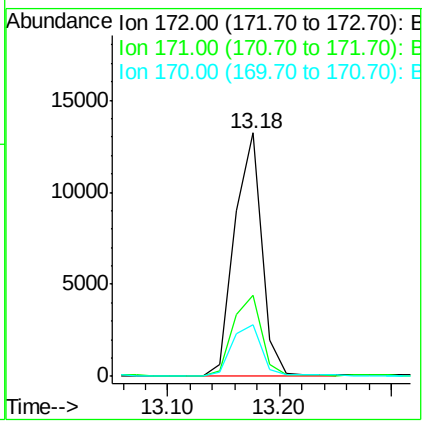


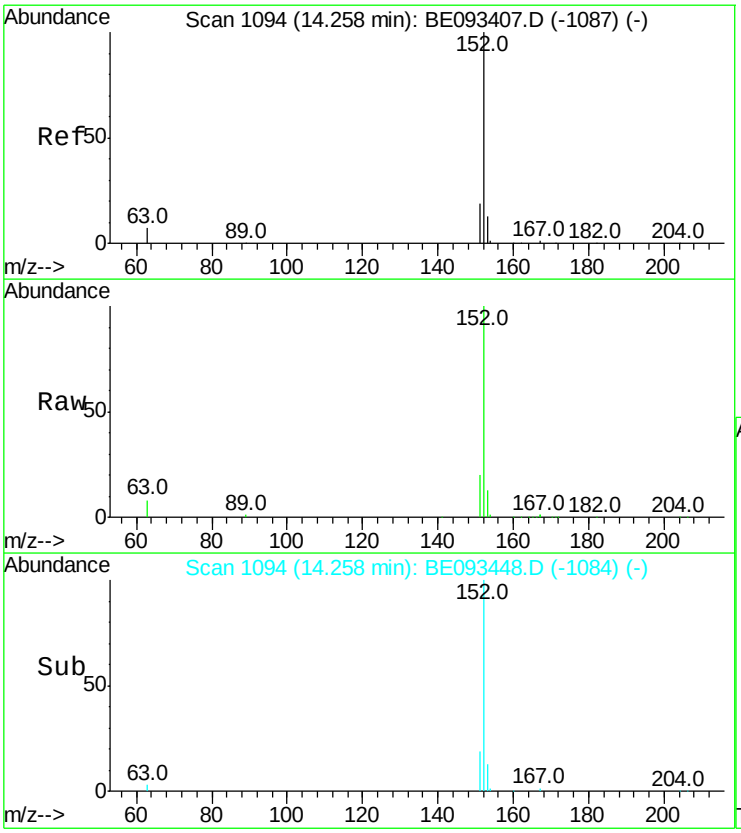
#15
2-Fluorobiphenyl
Concen: 0.40 ng
RT: 13.18 min Scan# 1021
Delta R.T. -0.00 min
Lab File: BE093448.D
Acq: 7 Jul 2017 18:12

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:172 Resp: 22086

Ion	Ratio	Lower	Upper
172	100		
171	33.3	29.8	44.6
170	21.0	20.7	31.1

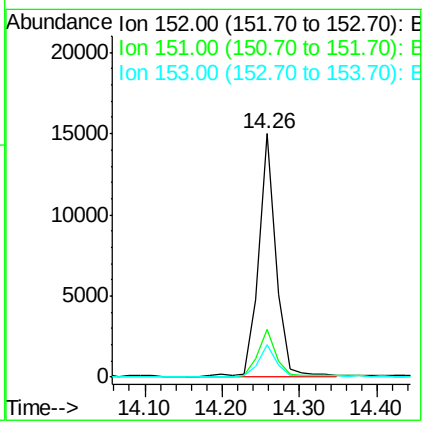


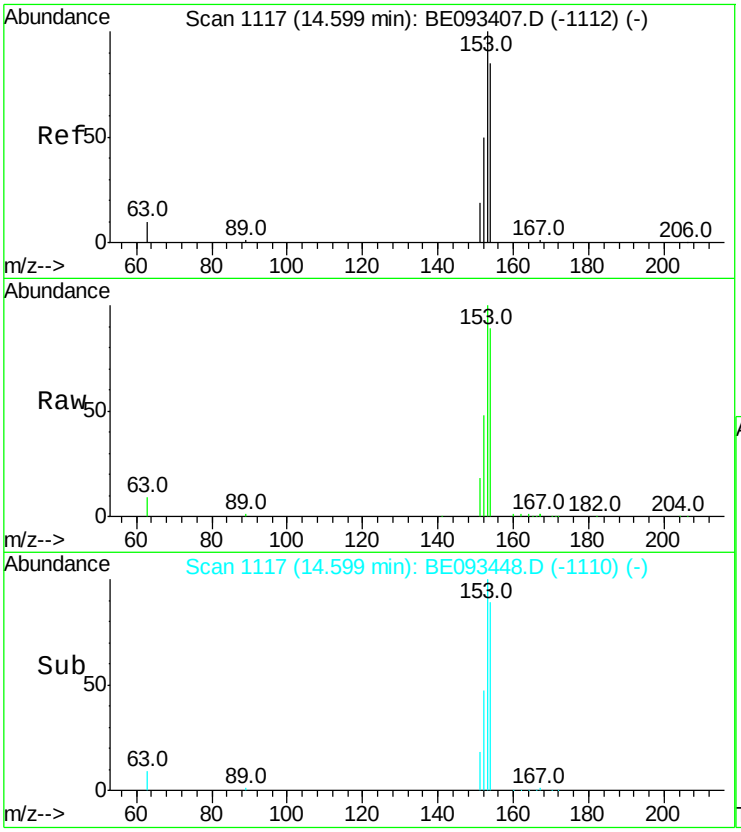


#16
Acenaphthylene
Concen: 0.39 ng
RT: 14.26 min Scan# 1094
Delta R.T. -0.00 min
Lab File: BE093448.D
Acq: 7 Jul 2017 18:12

Tgt Ion:152 Resp: 23200

Ion	Ratio	Lower	Upper
152	100		
151	19.7	4.0	6.0#
153	13.1	10.3	15.5



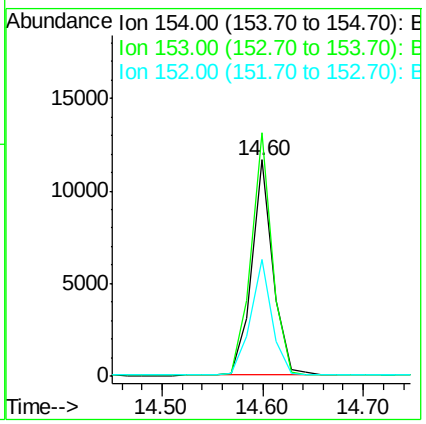


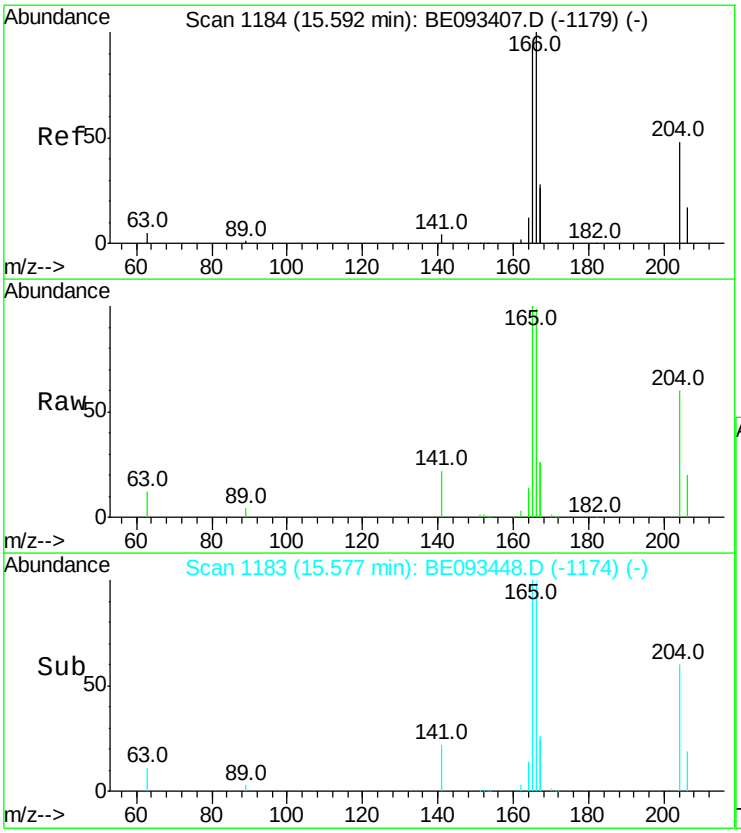
#17
Acenaphthene
Concen: 0.39 ng
RT: 14.60 min Scan# 1117
Delta R.T. -0.00 min
Lab File: BE093448.D
Acq: 7 Jul 2017 18:12

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:154 Resp: 17147

Ion	Ratio	Lower	Upper
154	100		
153	111.8	91.2	136.8
152	54.1	44.8	67.2

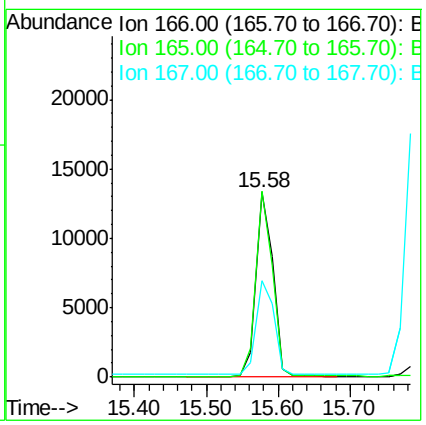


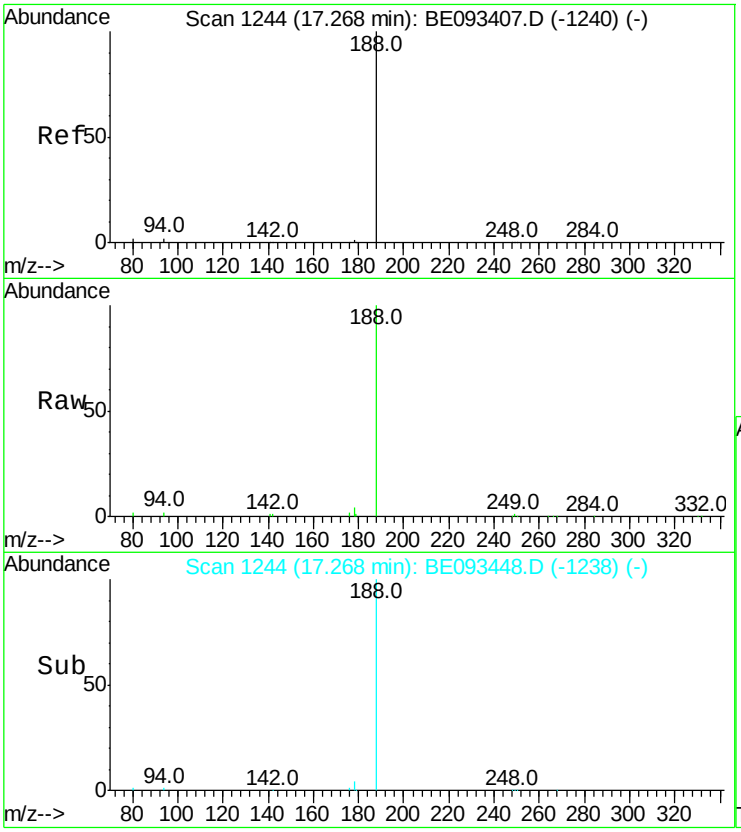


#18
Fluorene
Concen: 0.36 ng
RT: 15.58 min Scan# 1183
Delta R.T. -0.02 min
Lab File: BE093448.D
Acq: 7 Jul 2017 18:12

Tgt Ion:166 Resp: 21716

Ion	Ratio	Lower	Upper
166	100		
165	98.2	78.6	117.8
167	53.7	11.1	16.7#



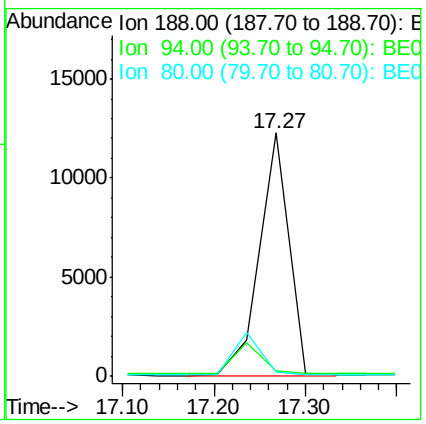


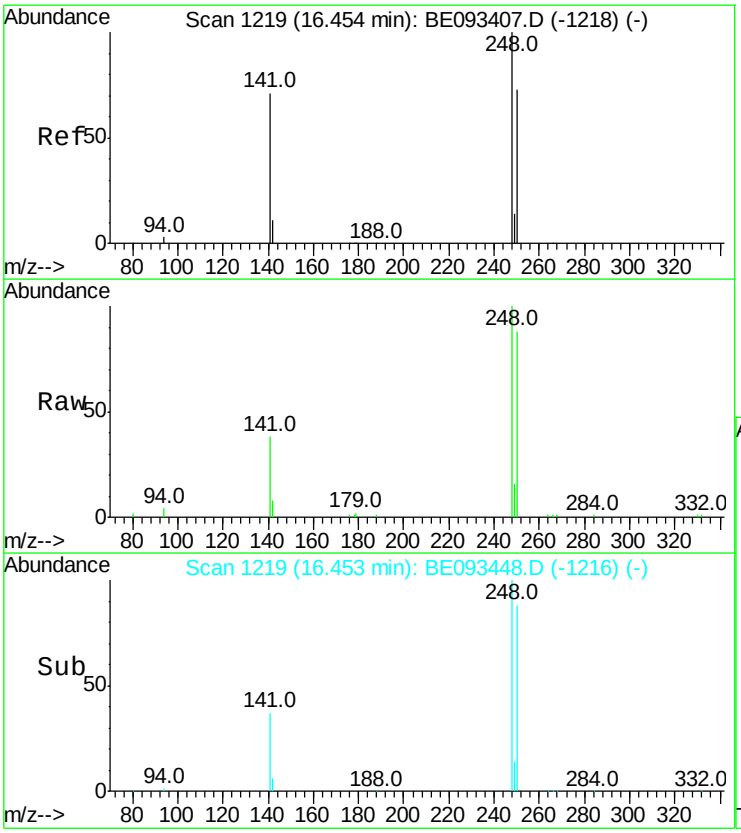
#19
Phenanthrene-d10
Concen: 0.40 ng
RT: 17.27 min Scan# 1244
Delta R.T. -0.00 min
Lab File: BE093448.D
Acq: 7 Jul 2017 18:12

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:188 Resp: 27587

Ion	Ratio	Lower	Upper
188	100		
94	2.5	11.3	16.9#
80	1.8	11.7	17.5#

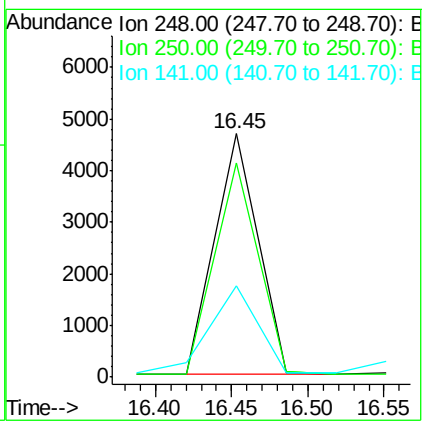


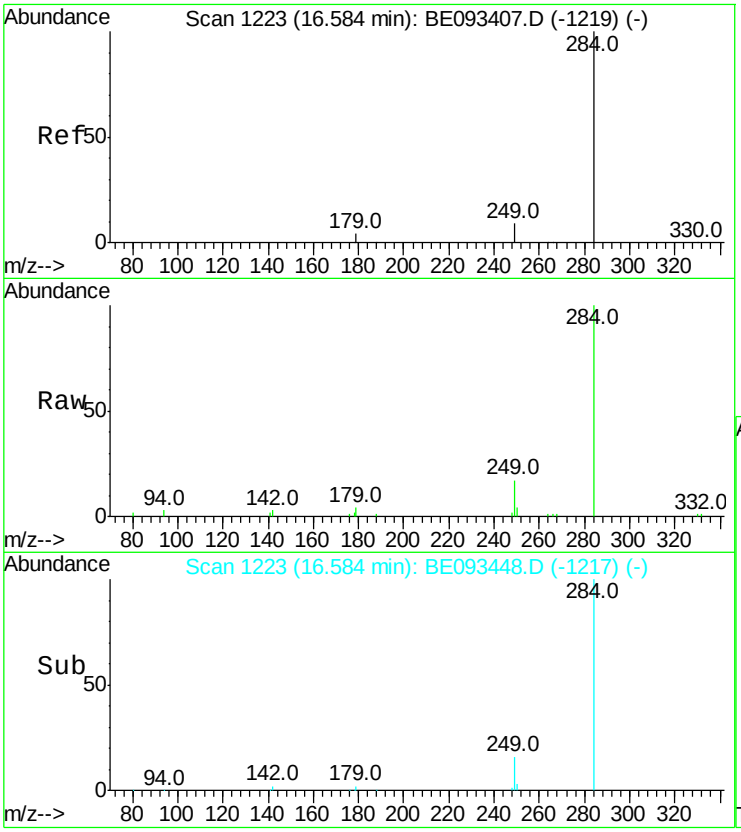


#20
4-Bromophenyl-phenylether
Concen: 0.61 ng
RT: 16.45 min Scan# 1219
Delta R.T. -0.00 min
Lab File: BE093448.D
Acq: 7 Jul 2017 18:12

Tgt Ion:248 Resp: 9164

Ion	Ratio	Lower	Upper
248	100		
250	87.9	40.8	61.2#
141	37.7	161.6	242.4#



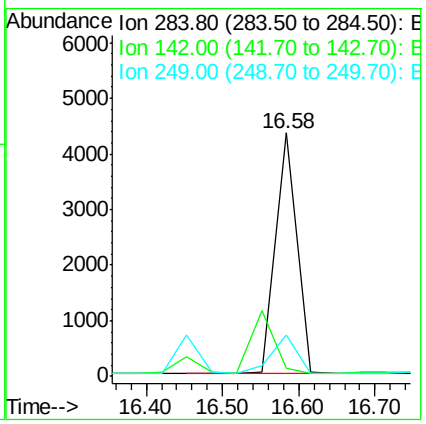


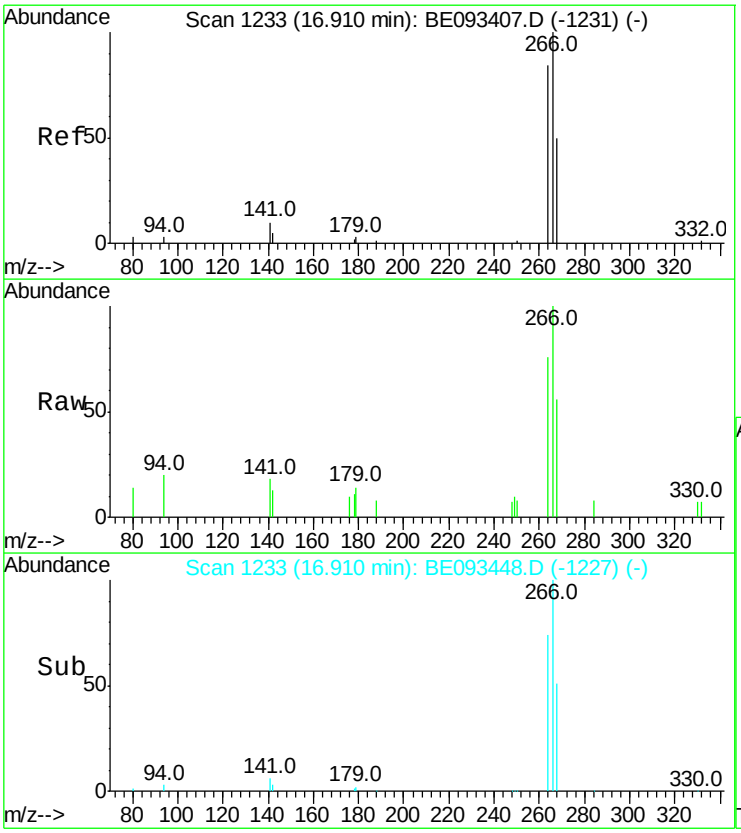
#21
Hexachlorobenzene
Concen: 0.52 ng
RT: 16.58 min Scan# 1223
Delta R.T. -0.00 min
Lab File: BE093448.D
Acq: 7 Jul 2017 18:12

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:284 Resp: 8529

Ion	Ratio	Lower	Upper
284	100		
142	0.0	0.0	0.0
249	18.7	0.0	0.0#

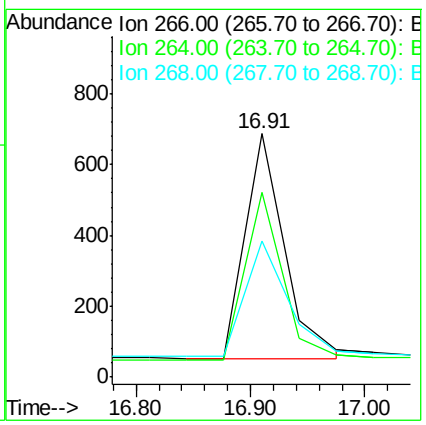


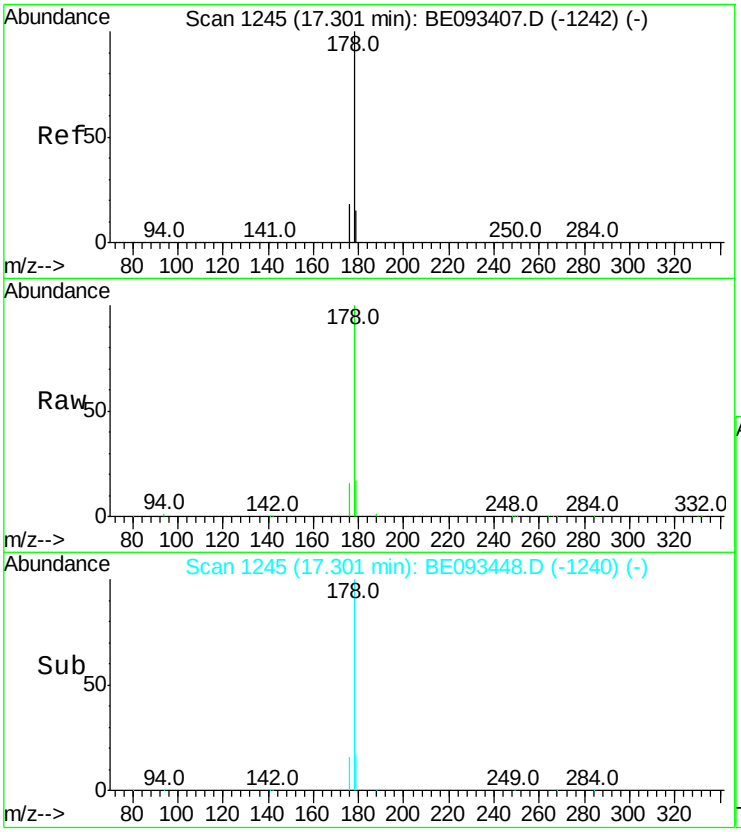


#22
Pentachlorophenol
Concen: 0.70 ng
RT: 16.91 min Scan# 1233
Delta R.T. 0.00 min
Lab File: BE093448.D
Acq: 7 Jul 2017 18:12

Tgt Ion:266 Resp: 1500

Ion	Ratio	Lower	Upper
266	100		
264	75.7	58.2	87.2
268	55.7	71.9	107.9#



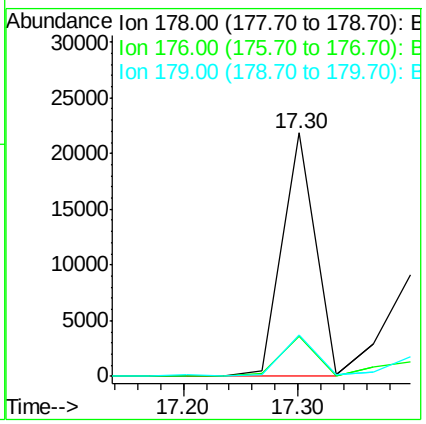


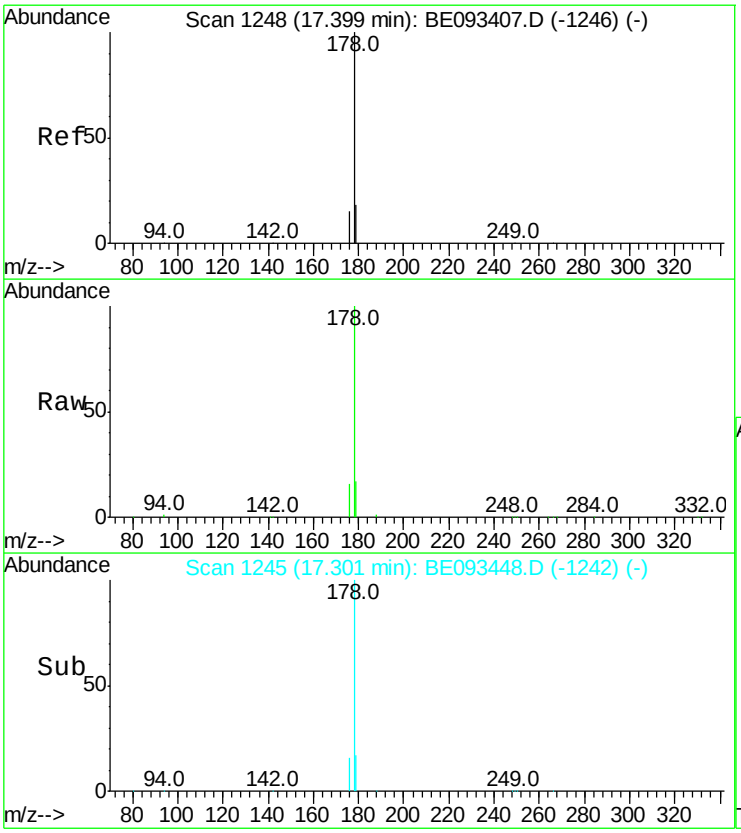
#23
Phenanthrene
Concen: 0.44 ng
RT: 17.30 min Scan# 1245
Delta R.T. -0.00 min
Lab File: BE093448.D
Acq: 7 Jul 2017 18:12

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:178 Resp: 43668

Ion	Ratio	Lower	Upper
178	100		
176	16.6	15.0	22.4
179	16.8	12.7	19.1

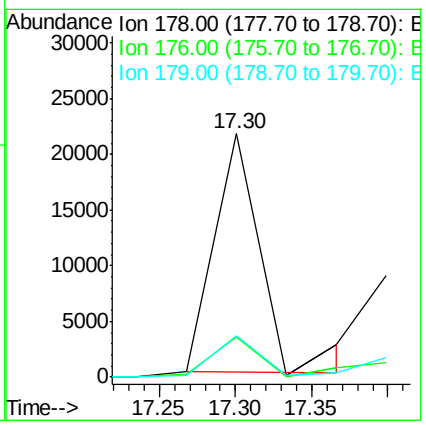


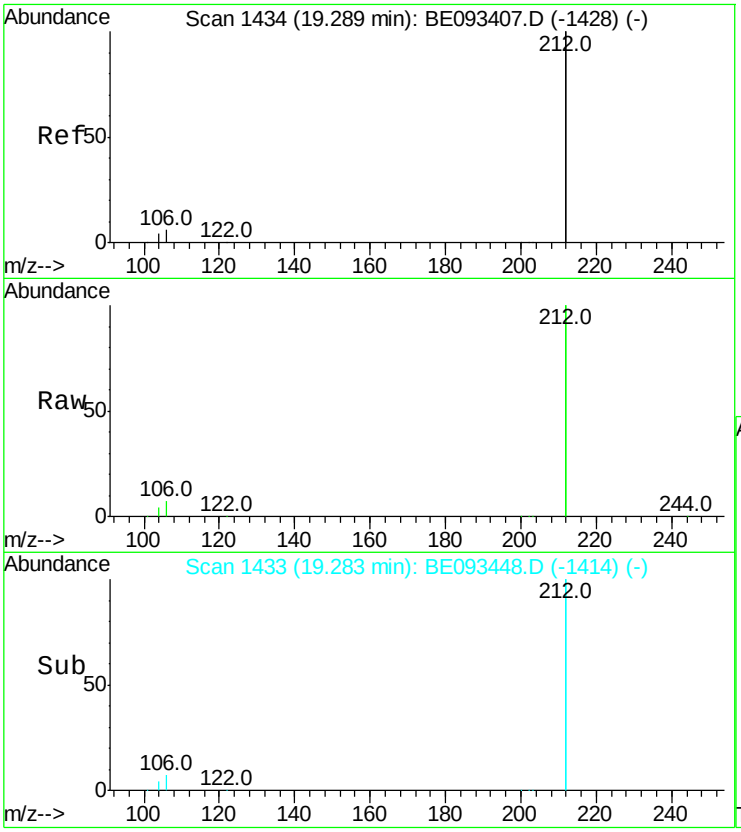


#24
Anthracene
Concen: 0.75 ng
RT: 17.30 min Scan# 1245
Delta R.T. -0.10 min
Lab File: BE093448.D
Acq: 7 Jul 2017 18:12

Tgt Ion:178 Resp: 46121

Ion	Ratio	Lower	Upper
178	100		
176	16.3	14.6	22.0
179	16.3	12.0	18.0



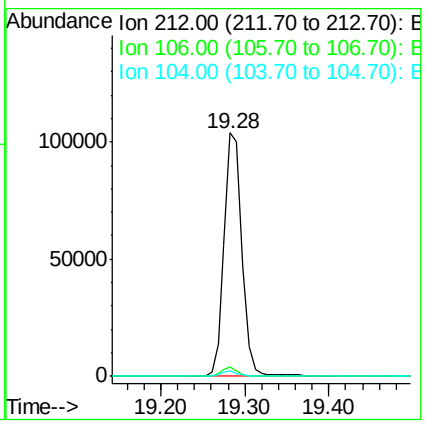


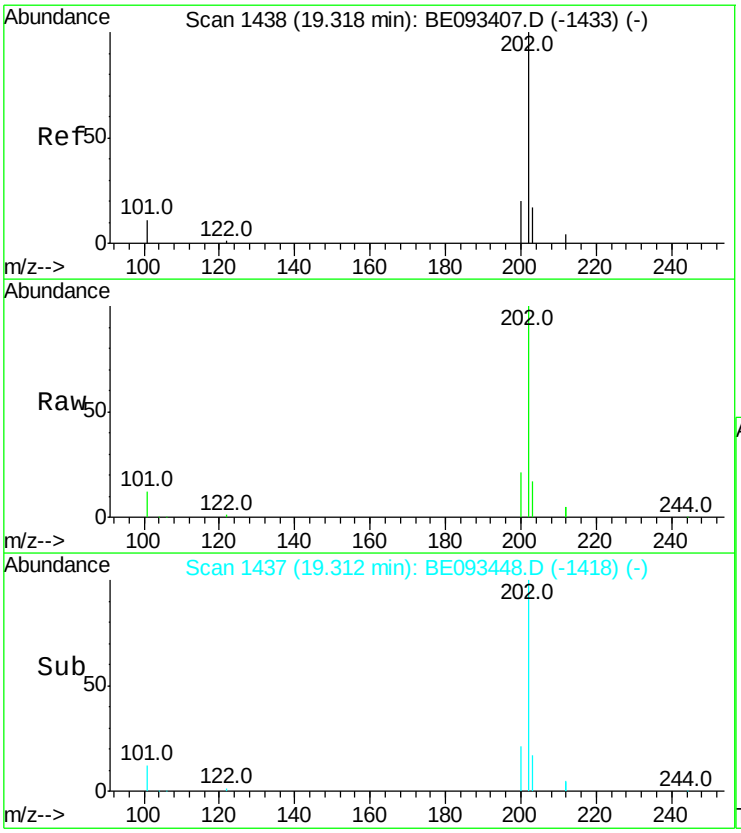
#25
Fluoranthene-d10
Concen: 0.46 ng
RT: 19.28 min Scan# 1433
Delta R.T. -0.01 min
Lab File: BE093448.D
Acq: 7 Jul 2017 18:12

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:212 Resp: 151407

Ion	Ratio	Lower	Upper
212	100		
106	3.4	2.4	3.6
104	1.9	1.6	2.4

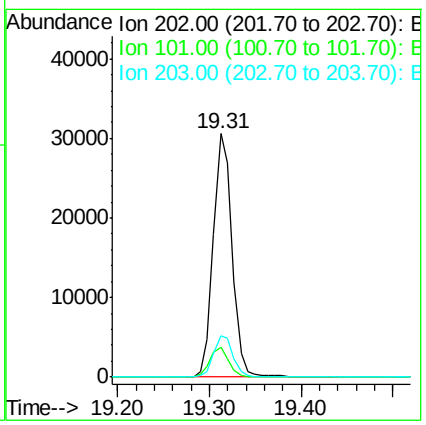


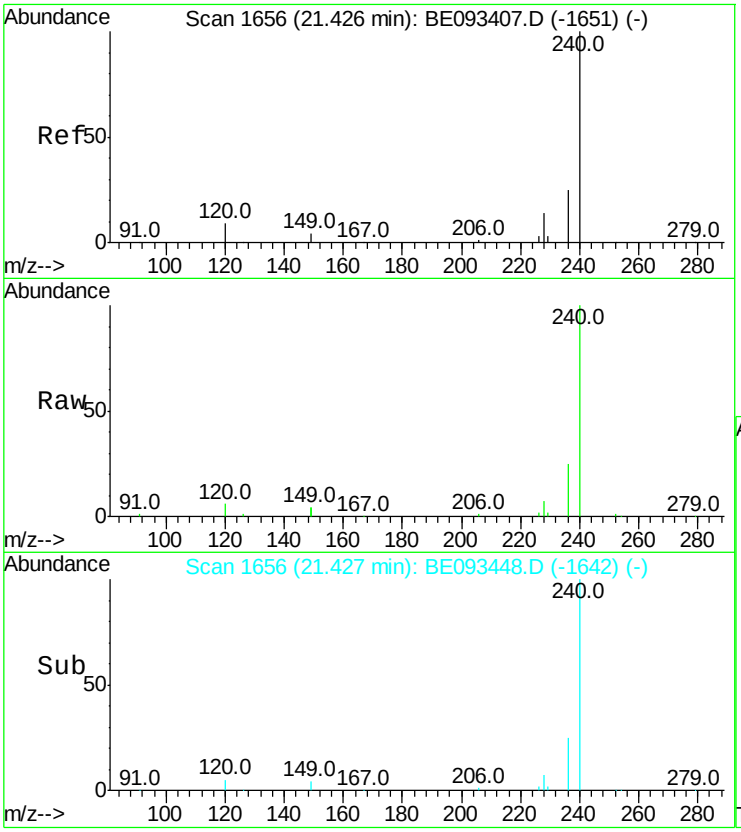


#26
Fluoranthene
Concen: 0.45 ng
RT: 19.31 min Scan# 1437
Delta R.T. -0.01 min
Lab File: BE093448.D
Acq: 7 Jul 2017 18:12

Tgt Ion:202 Resp: 42881

Ion	Ratio	Lower	Upper
202	100		
101	12.3	9.6	14.4
203	17.3	14.4	21.6



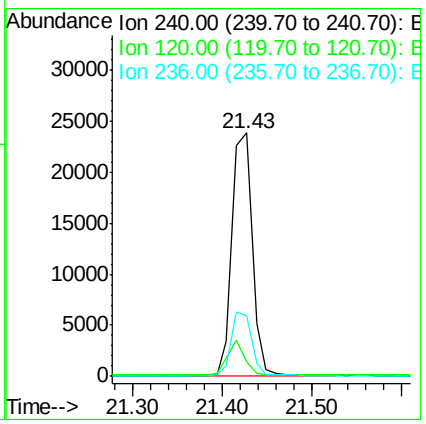


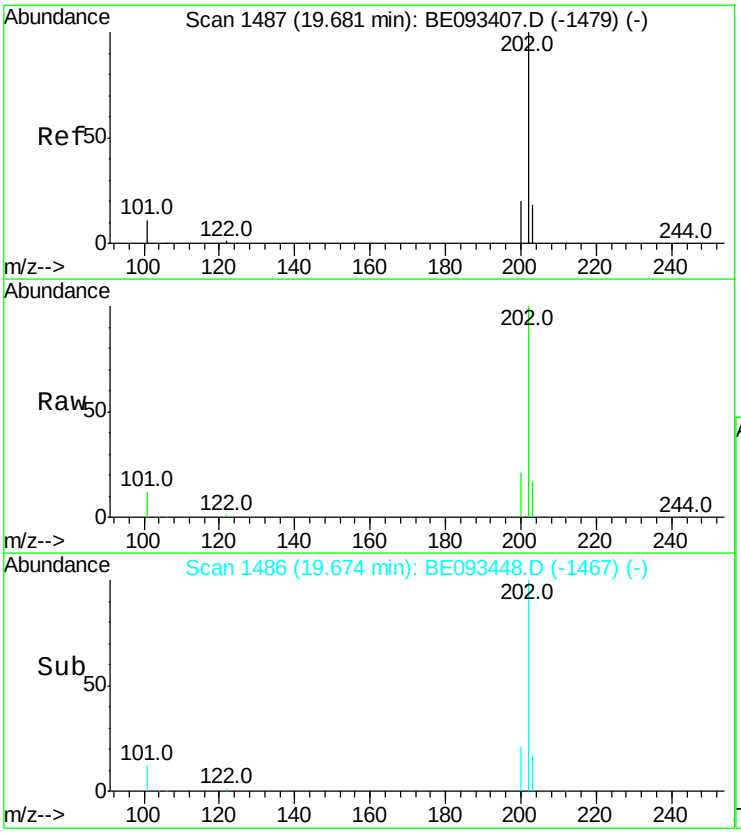
#27
Chrysene-d12
Concen: 0.40 ng
RT: 21.43 min Scan# 1656
Delta R.T. 0.00 min
Lab File: BE093448.D
Acq: 7 Jul 2017 18:12

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:240 Resp: 37615

Ion	Ratio	Lower	Upper
240	100		
120	6.0	4.6	7.0
236	25.0	20.8	31.2

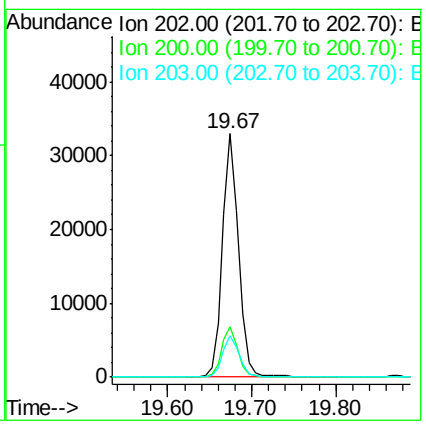


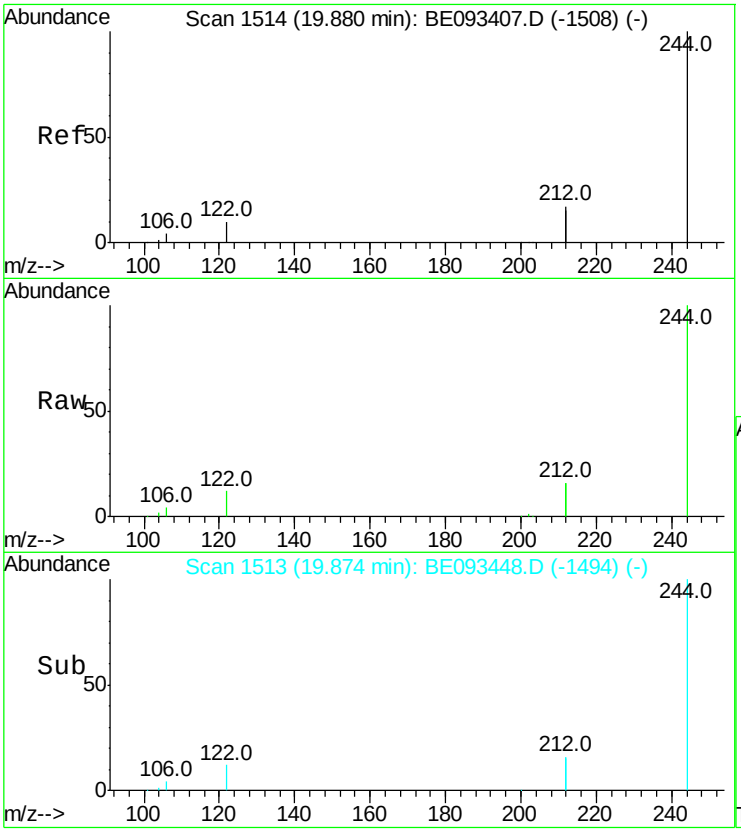


#28
Pyrene
Concen: 0.41 ng
RT: 19.67 min Scan# 1486
Delta R.T. -0.01 min
Lab File: BE093448.D
Acq: 7 Jul 2017 18:12

Tgt Ion:202 Resp: 43544

Ion	Ratio	Lower	Upper
202	100		
200	20.8	0.0	0.0#
203	17.4	13.7	20.5



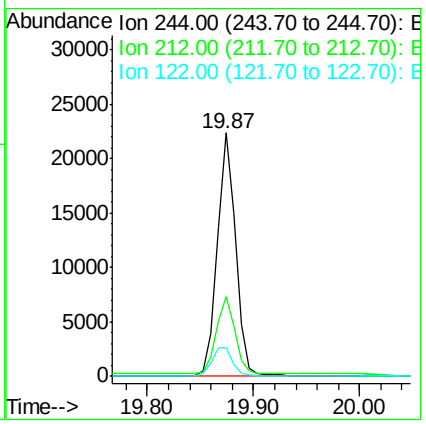


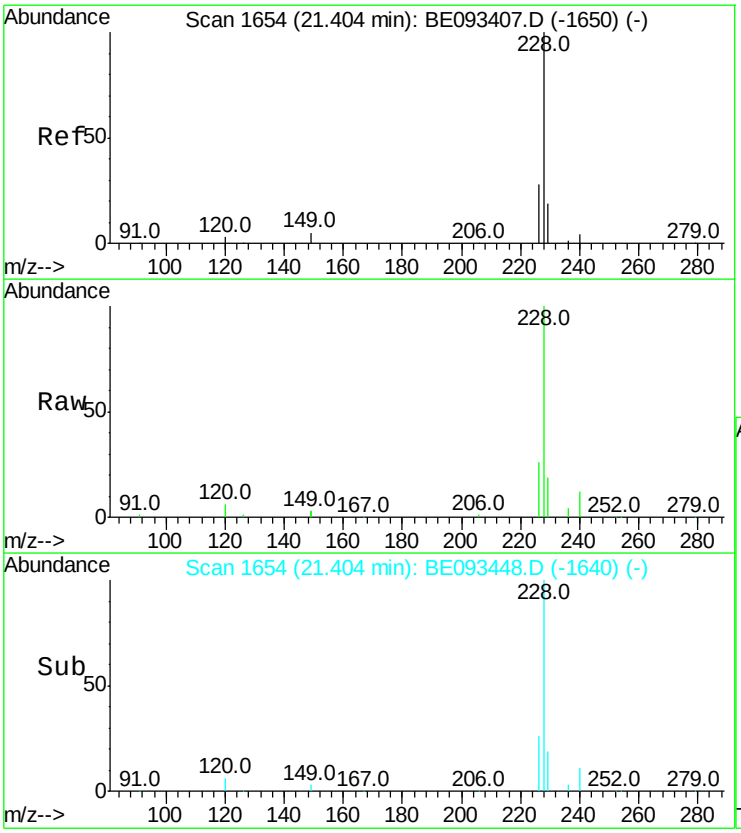
#29
Terphenyl-d14
Concen: 0.40 ng
RT: 19.87 min Scan# 1513
Delta R.T. -0.01 min
Lab File: BE093448.D
Acq: 7 Jul 2017 18:12

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:244 Resp: 27112

Ion	Ratio	Lower	Upper
244	100		
212	32.9	10.6	16.0#
122	11.8	15.4	23.0#

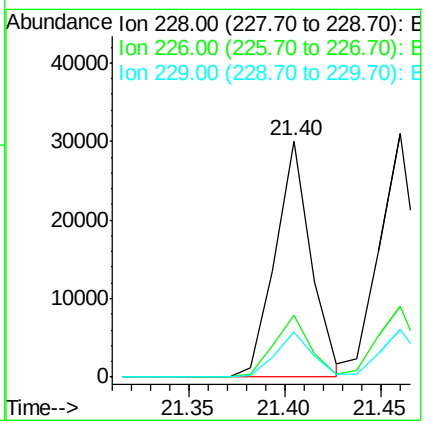


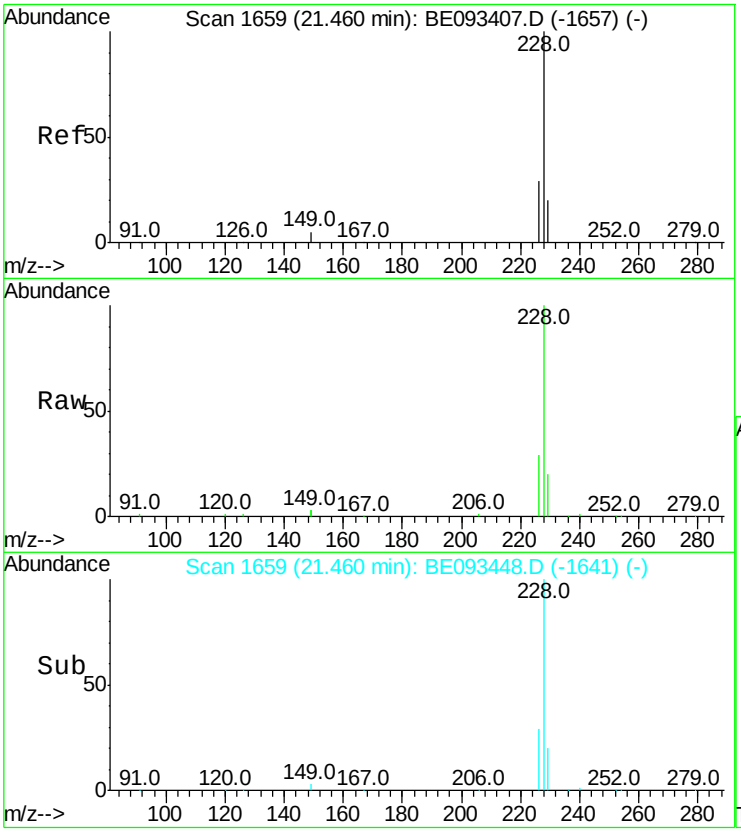


#30
Benzo(a)anthracene
Concen: 0.38 ng
RT: 21.40 min Scan# 1654
Delta R.T. 0.00 min
Lab File: BE093448.D
Acq: 7 Jul 2017 18:12

Tgt Ion:228 Resp: 38766

Ion	Ratio	Lower	Upper
228	100		
226	26.0	19.7	29.5
229	19.3	19.2	28.8



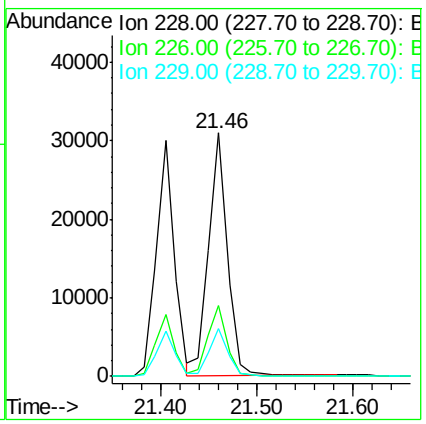


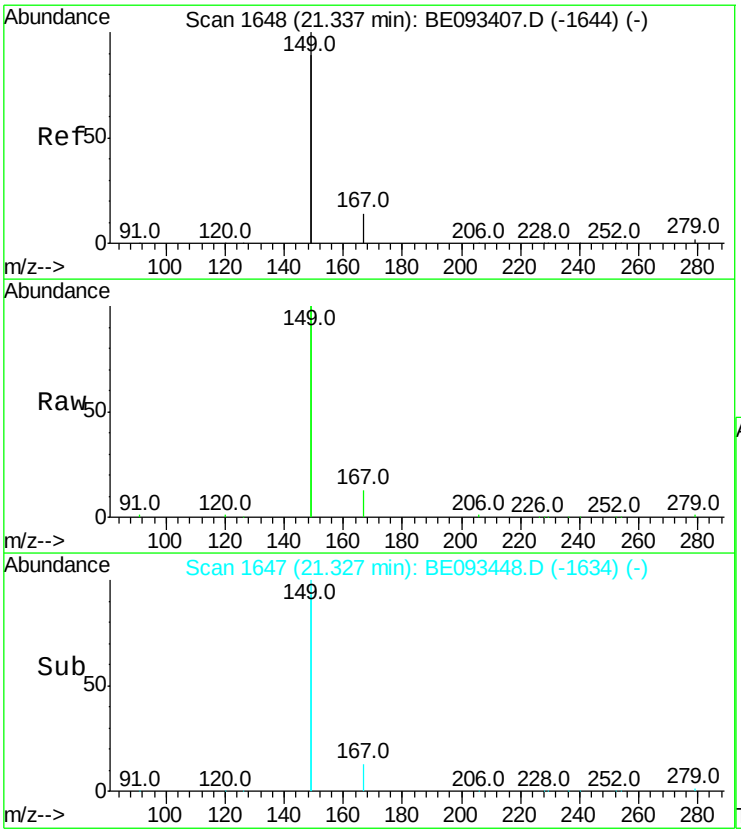
#31
Chrysene
Concen: 0.40 ng
RT: 21.46 min Scan# 1659
Delta R.T. 0.00 min
Lab File: BE093448.D
Acq: 7 Jul 2017 18:12

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:228 Resp: 41976

Ion	Ratio	Lower	Upper
228	100		
226	29.1	21.5	32.3
229	19.7	18.6	28.0

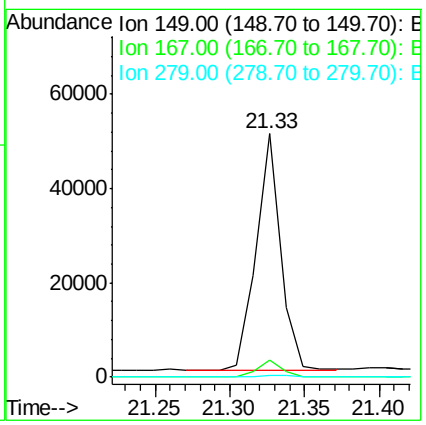


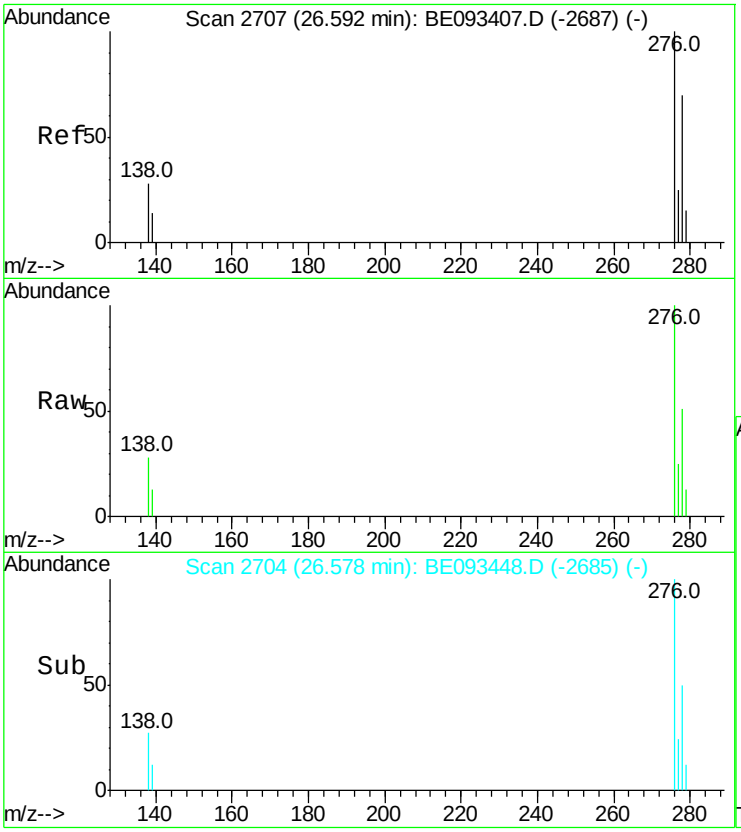


#32
Bis(2-ethylhexyl)phthalate
Concen: 0.39 ng
RT: 21.33 min Scan# 1647
Delta R.T. -0.01 min
Lab File: BE093448.D
Acq: 7 Jul 2017 18:12

Tgt Ion:149 Resp: 56851

Ion	Ratio	Lower	Upper
149	100		
167	6.7	20.1	30.1#
279	0.9	2.2	3.4#



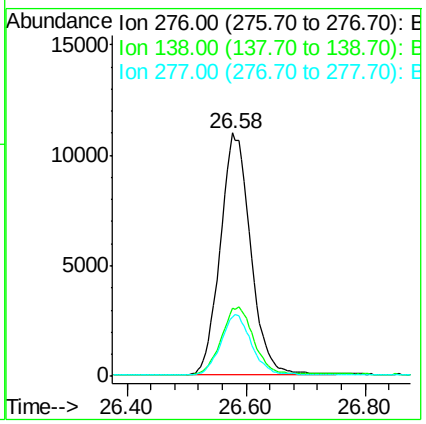


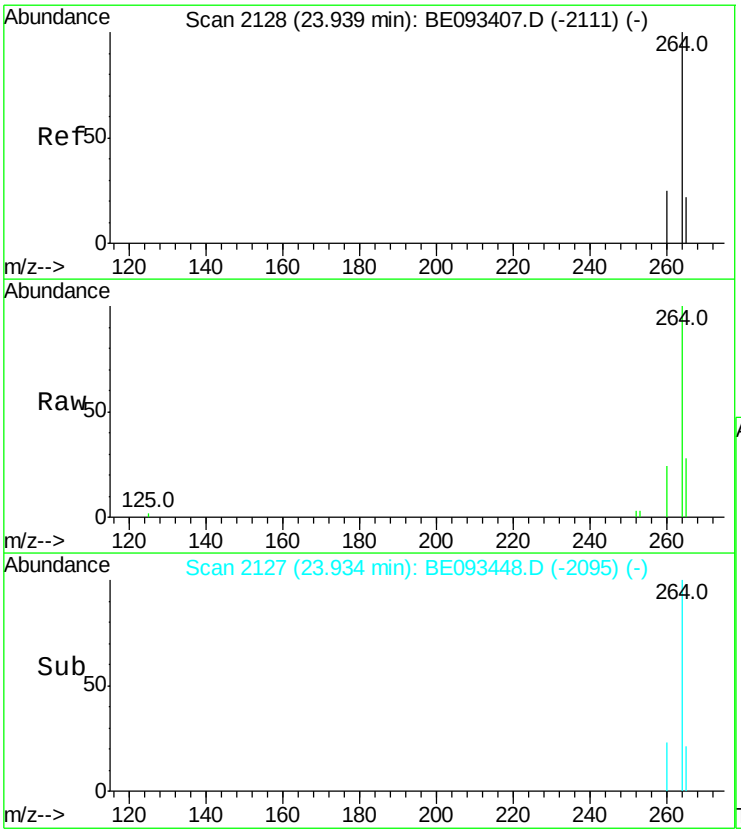
#33
Indeno(1,2,3-cd)pyrene
Concen: 0.42 ng
RT: 26.58 min Scan# 2704
Delta R.T. -0.01 min
Lab File: BE093448.D
Acq: 7 Jul 2017 18:12

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:276 Resp: 38855

Ion	Ratio	Lower	Upper
276	100		
138	29.1	27.4	41.2
277	24.8	20.1	30.1

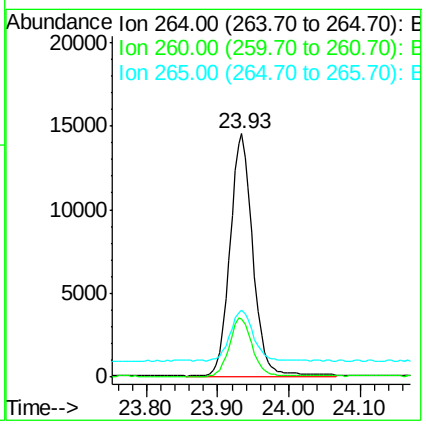


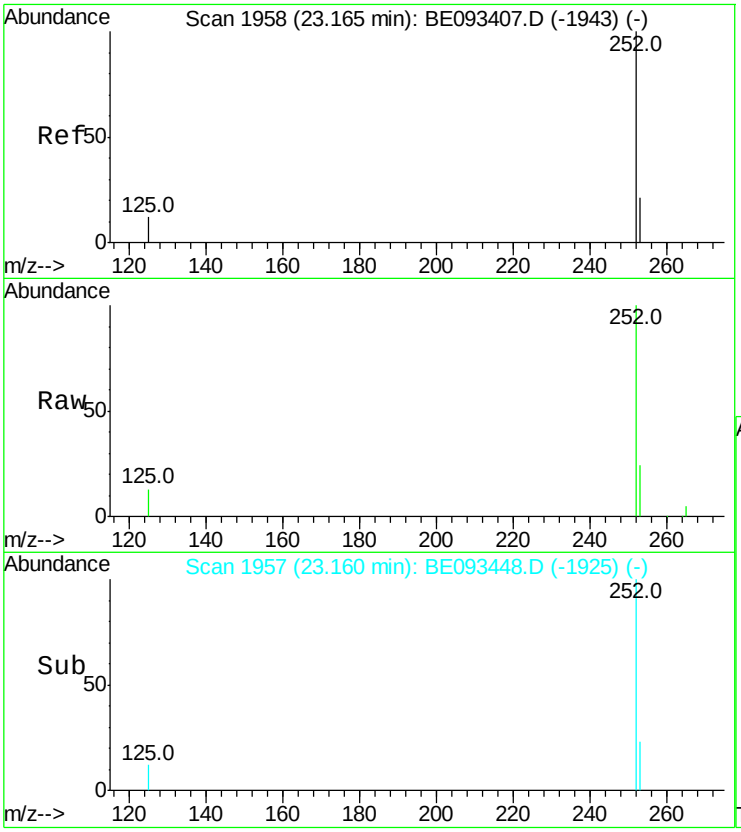


#34
Perylene-d12
Concen: 0.40 ng
RT: 23.93 min Scan# 2127
Delta R.T. -0.00 min
Lab File: BE093448.D
Acq: 7 Jul 2017 18:12

Tgt Ion:264 Resp: 32215

Ion	Ratio	Lower	Upper
264	100		
260	23.7	21.0	31.4
265	27.6	24.6	36.8



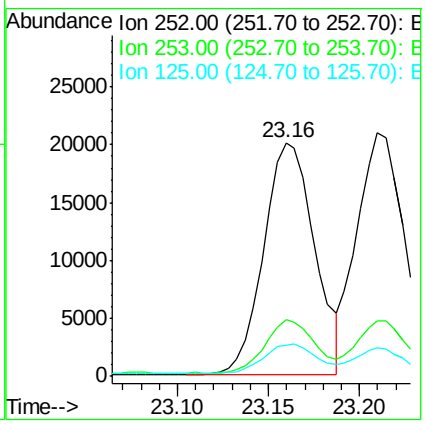


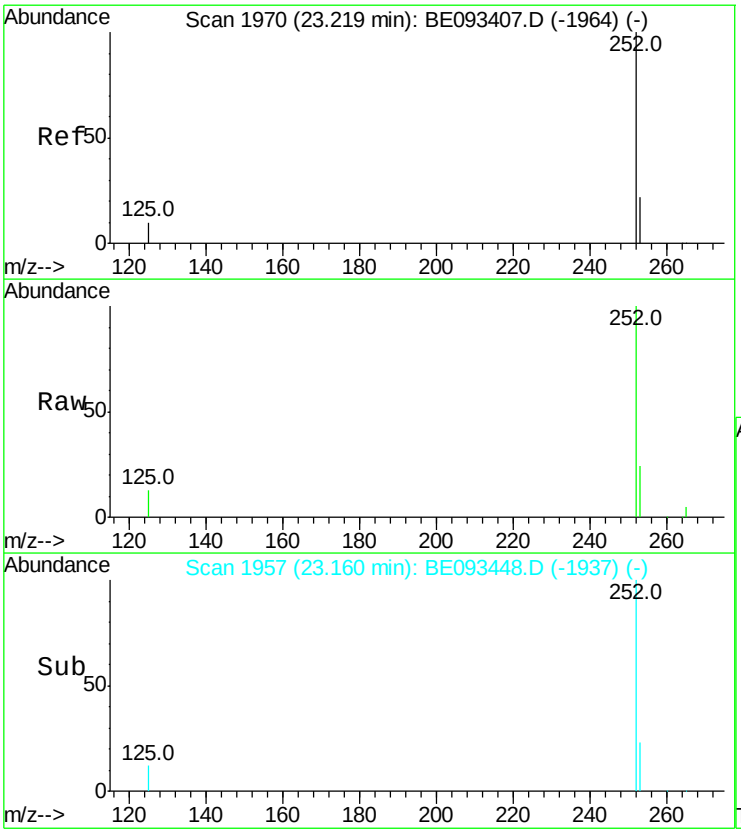
#35
Benzo(b)fluoranthene
Concen: 0.38 ng
RT: 23.16 min Scan# 1957
Delta R.T. -0.00 min
Lab File: BE093448.D
Acq: 7 Jul 2017 18:12

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:252 Resp: 39127

Ion	Ratio	Lower	Upper
252	100		
253	24.1	18.5	27.7
125	13.4	13.4	20.0

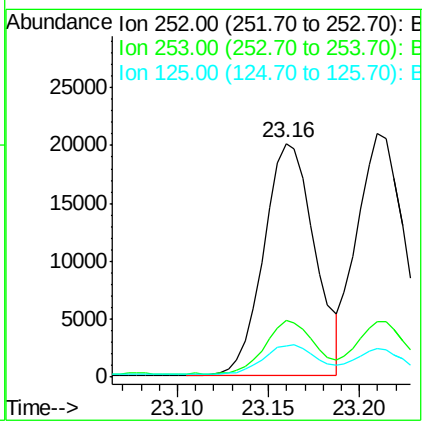


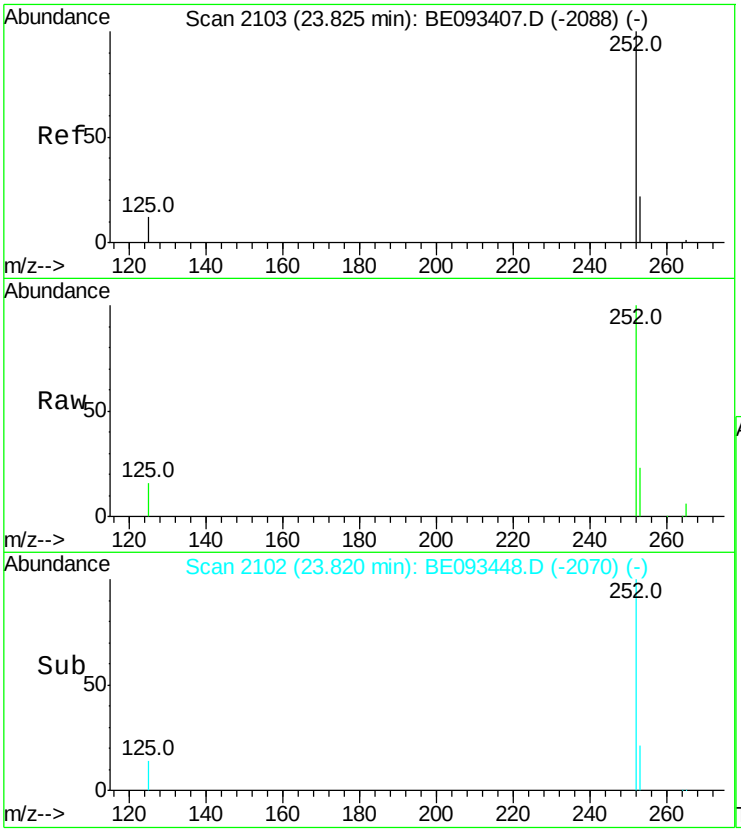


#36
Benzo(k)fluoranthene
Concen: 0.38 ng
RT: 23.16 min Scan# 1957
Delta R.T. -0.06 min
Lab File: BE093448.D
Acq: 7 Jul 2017 18:12

Tgt Ion:252 Resp: 39127

Ion	Ratio	Lower	Upper
252	100		
253	24.1	20.3	30.5
125	13.4	12.2	18.4



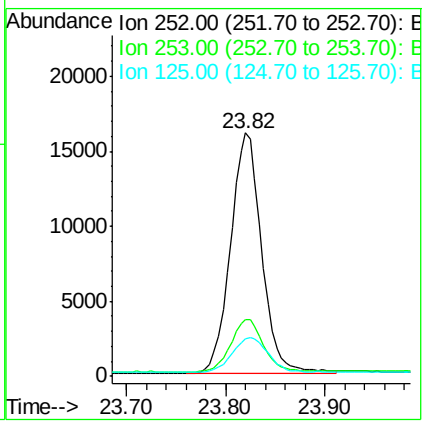


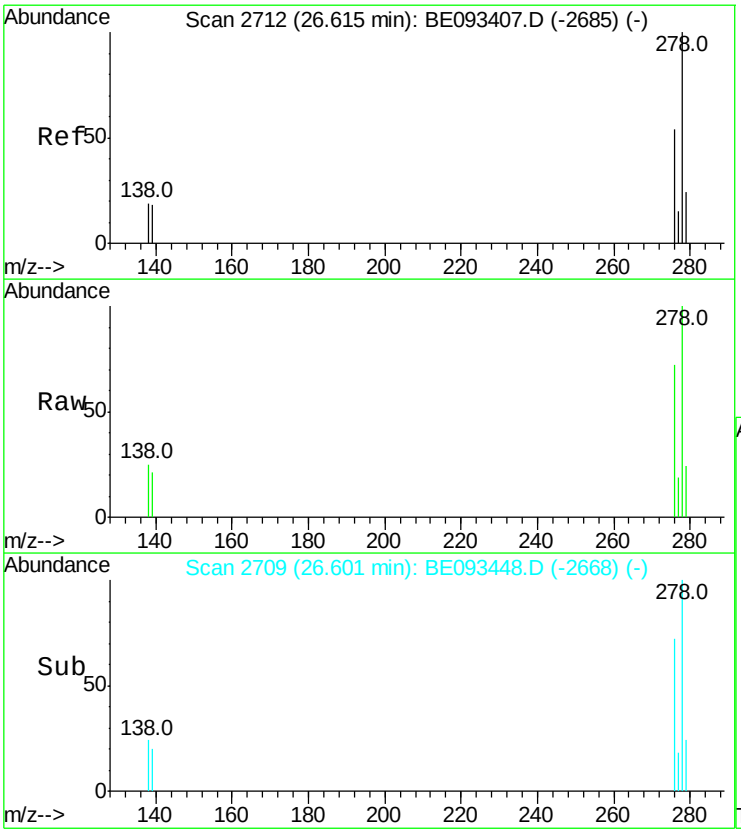
#37
Benzo(a)pyrene
Concen: 0.39 ng
RT: 23.82 min Scan# 2102
Delta R.T. -0.00 min
Lab File: BE093448.D
Acq: 7 Jul 2017 18:12

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:252 Resp: 35192

Ion	Ratio	Lower	Upper
252	100		
253	23.1	19.9	29.9
125	15.5	14.6	21.8

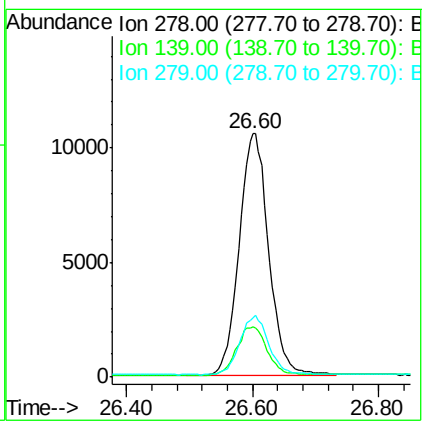


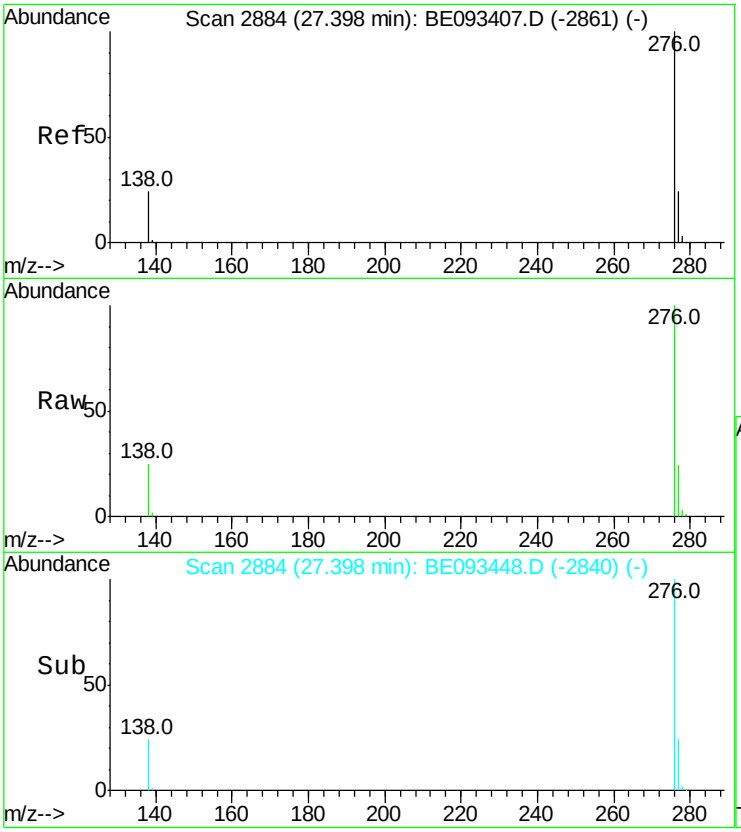


#38
Dibenzo(a,h)anthracene
Concen: 0.39 ng
RT: 26.60 min Scan# 2709
Delta R.T. -0.01 min
Lab File: BE093448.D
Acq: 7 Jul 2017 18:12

Tgt Ion:278 Resp: 34534

Ion	Ratio	Lower	Upper
278	100		
139	20.5	21.4	32.0#
279	24.5	22.2	33.2





#39
Benzo(g,h,i)perylene
Concen: 0.38 ng
RT: 27.40 min Scan# 2884
Delta R.T. -0.00 min
Lab File: BE093448.D
Acq: 7 Jul 2017 18:12

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:276 Resp: 34132

Ion	Ratio	Lower	Upper
276	100		
277	24.4	21.2	31.8
138	24.6	24.5	36.7