Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA E\DATA\BE070617\
Data File : BE093431.D
Acq On : 6 Jul 2017 15:33
Operator : SJ/JU
Sample : I3757-06
Misc : LOO 0.2 PPM
ALS Vial : 6 Sample Multiplier: 1

Instrument : BNA_E
ClientSampleId :

Quant Time: Jul 07 06:50:06 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	4159	0.40	ng		0.00
7) Naphthalene-d8	10.72	136	22498	0.40	ng		0.00
13) Acenaphthene-d10	14.54	164	14289	0.40	ng		0.00
19) Phenanthrene-d10	17.27	188	36909	0.40	ng		0.00
27) Chrysene-d12	21.43	240	38049	0.40	ng		0.00
34) Perylene-d12	23.93	264	32452	0.40	ng		0.00
System Monitoring Compounds							
4) 2-Fluorophenol	5.53	112	5275	0.42	ng		0.00
5) Phenol-d6	7.10	99	8333	0.45	ng		0.00
8) Nitrobenzene-d5	9.08	82	6814	0.47	ng		0.00
11) 2-Methylnaphthalene-d10	12.31	152	17252	0.48	ng		0.00
14) 2,4,6-Tribromophenol	16.03	330	1559	0.35	ng		0.00
15) 2-Fluorobiphenyl	13.18	172	25983	0.47	ng		0.00
25) Fluoranthene-d10	19.29	212	189539	0.43	ng		0.00
29) Terphenyl-d14	19.87	244	32669	0.48	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.45	88	1439	0.16	ng		96
3) n-Nitrosodimethylamine	3.76	42	759	0.24	ng	#	91
6) bis(2-Chloroethyl)ether	7.35	93	2442	0.18	ng	#	95
9) Naphthalene	10.77	128	41971	0.18	ng	#	73
10) Hexachlorobutadiene	11.06	225	1575	0.18	ng		99
12) 2-Methylnaphthalene	12.38	142	7343	0.19	ng		98
16) Acenaphthylene	14.26	152	10373	0.17	ng	#	87
17) Acenaphthene	14.60	154	7852	0.18	ng		100
18) Fluorene	15.59	166	9933	0.17	ng	#	85
20) 4-Bromophenyl-phenylether	16.45	248	3937	0.19	ng	#	19
21) Hexachlorobenzene	16.58	284	4217	0.19	ng	#	100
22) Pentachlorophenol	16.91	266	473	0.13	ng	#	77
23) Phenanthrene	17.30	178	23106	0.17	ng		99
24) Anthracene	17.30	178	23562	0.29	ng		99
26) Fluoranthene	19.32	202	20120	0.16	ng		99
28) Pyrene	19.67	202	20501	0.19	ng	#	100
30) Benzo(a)anthracene	21.40	228	17782	0.17	ng		93
31) Chrysene	21.46	228	19436	0.18	ng		94
32) Bis(2-ethylhexyl)phthalate	21.33	149	26063	0.18	ng	#	66
33) Indeno(1,2,3-cd)pyrene	26.58	276	17537	0.19	ng		95
35) Benzo(b)fluoranthene	23.16	252	17946	0.17	ng		95
36) Benzo(k)fluoranthene	23.21	252	17963	0.17	ng		98
37) Benzo(a)pyrene	23.82	252	16068	0.18	ng		98
38) Dibenzo(a,h)anthracene	26.60	278	15405	0.17	ng	#	92
39) Benzo(g,h,i)perylene	27.40	276	15874	0.18	ng		92

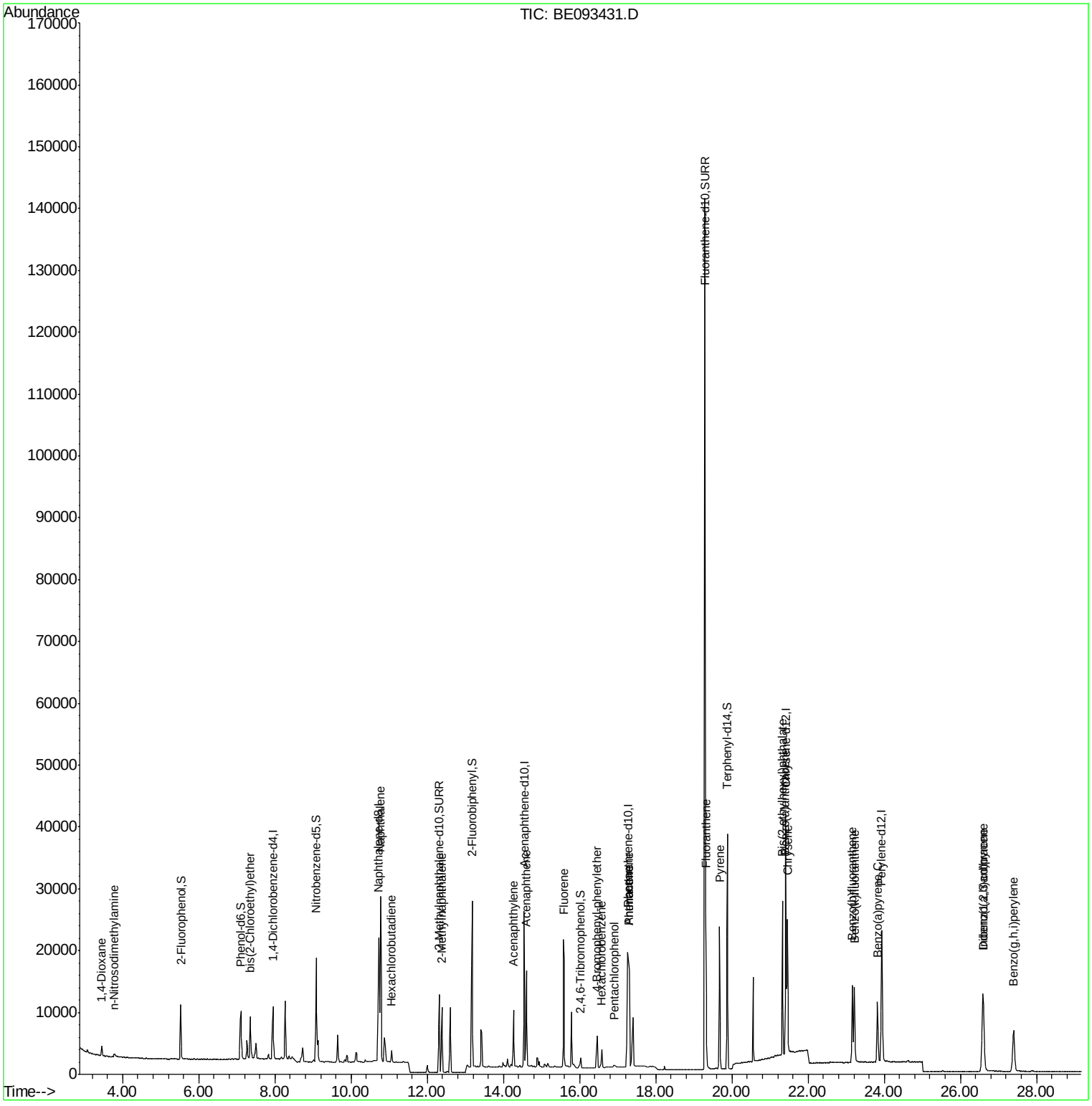
(#) = qualifier out of range (m) = manual integration (+) = signals summed

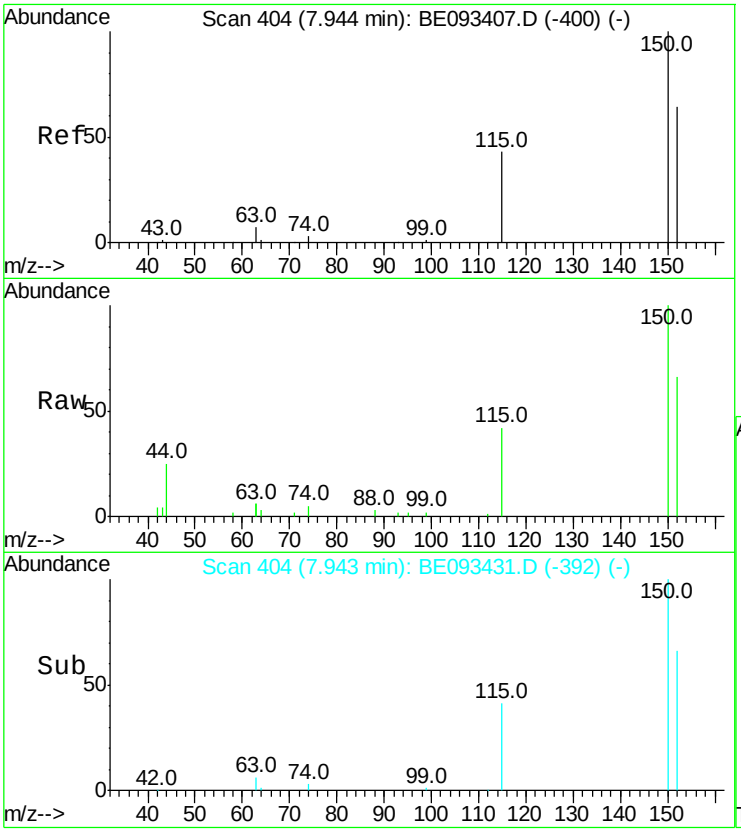
Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA E\DATA\BE070617\
Data File : BE093431.D
Acq On : 6 Jul 2017 15:33
Operator : SJ/JU
Sample : I3757-06
Misc : LOO 0.2 PPM
ALS Vial : 6 Sample Multiplier: 1

Instrument :
BNA_E
ClientSampleId :

Quant Time: Jul 07 06:50:06 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



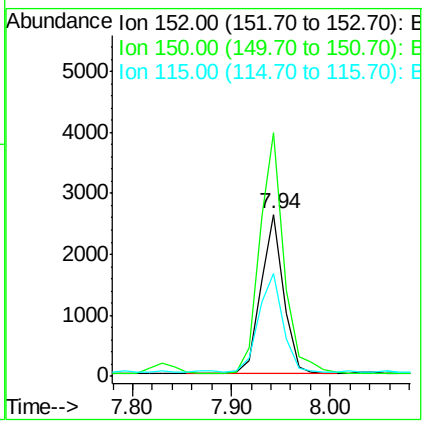


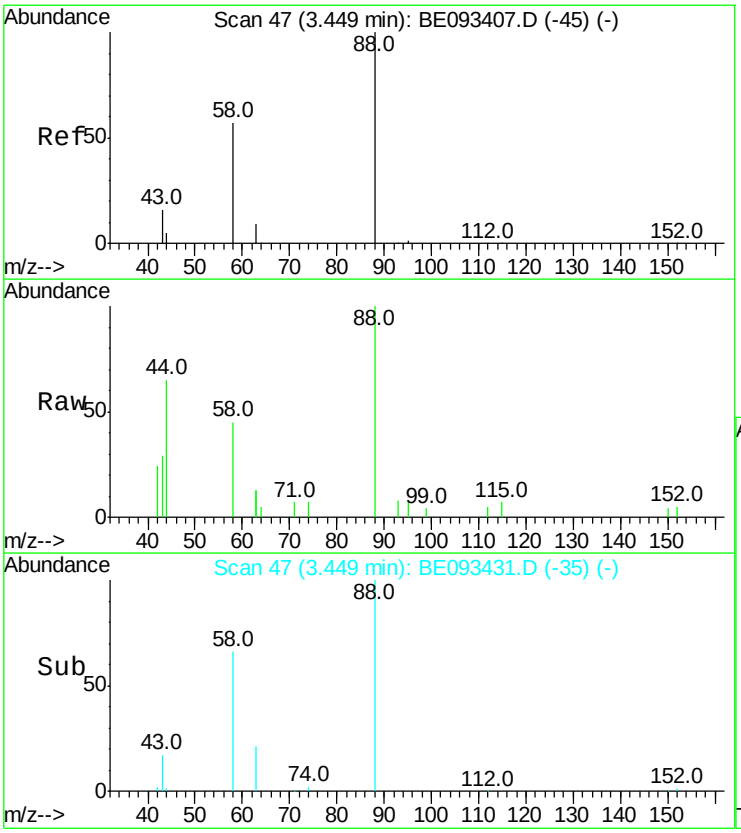
#1
1,4-Dichlorobenzene-d4
Concen: 0.40 ng
RT: 7.94 min Scan# 404
Delta R.T. -0.00 min
Lab File: BE093431.D
Acq: 6 Jul 2017 15:33

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:152 Resp: 4159

Ion	Ratio	Lower	Upper
152	100		
150	150.5	125.1	187.7
115	63.8	55.7	83.5

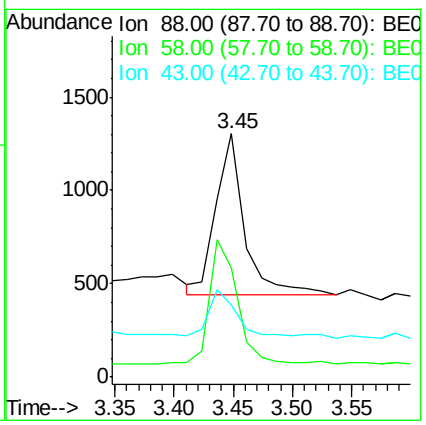


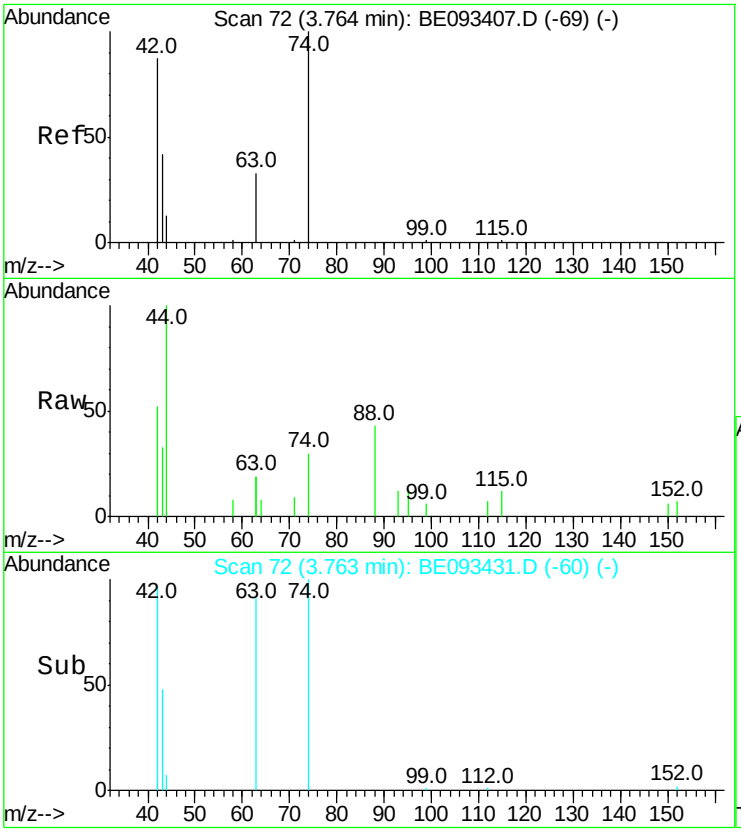


#2
1,4-Dioxane
Concen: 0.16 ng
RT: 3.45 min Scan# 47
Delta R.T. -0.00 min
Lab File: BE093431.D
Acq: 6 Jul 2017 15:33

Tgt Ion: 88 Resp: 1439

Ion	Ratio	Lower	Upper
88	100		
58	75.6	62.2	93.4
43	33.6	23.2	34.8



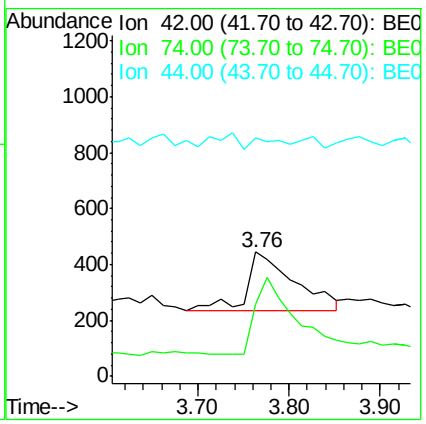


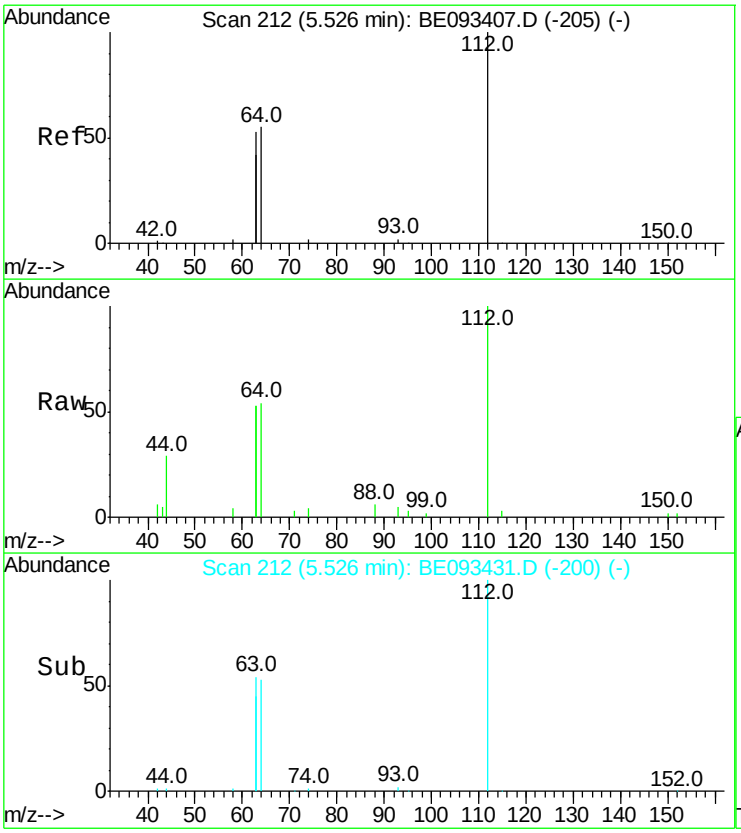
#3
n-Nitrosodimethylamine
Concen: 0.24 ng
RT: 3.76 min Scan# 72
Delta R.T. 0.00 min
Lab File: BE093431.D
Acq: 6 Jul 2017 15:33

Instrument :
BNA_E
ClientSampleId :

Tgt Ion: 42 Resp: 759

Ion	Ratio	Lower	Upper
42	100		
74	114.9	99.1	148.7
44	0.0	7.4	11.2#

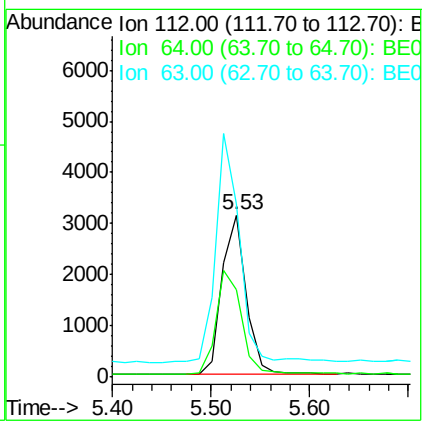


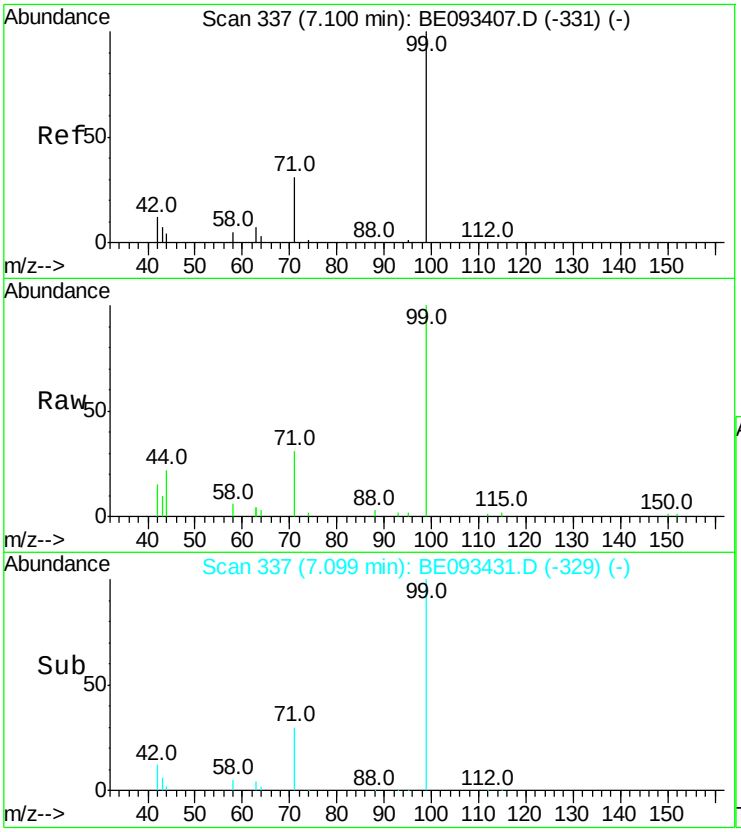


#4
2-Fluorophenol
Concen: 0.42 ng
RT: 5.53 min Scan# 212
Delta R.T. -0.00 min
Lab File: BE093431.D
Acq: 6 Jul 2017 15:33

Tgt Ion:112 Resp: 5275

Ion	Ratio	Lower	Upper
112	100		
64	68.1	56.4	84.6
63	140.7	29.3	43.9#



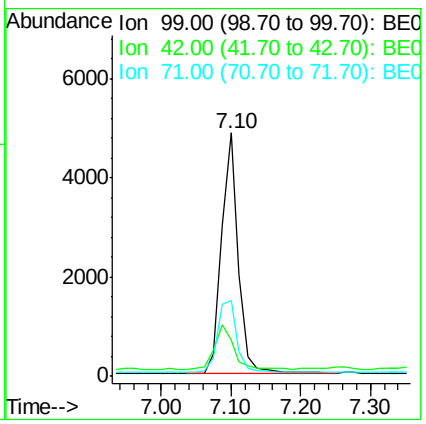


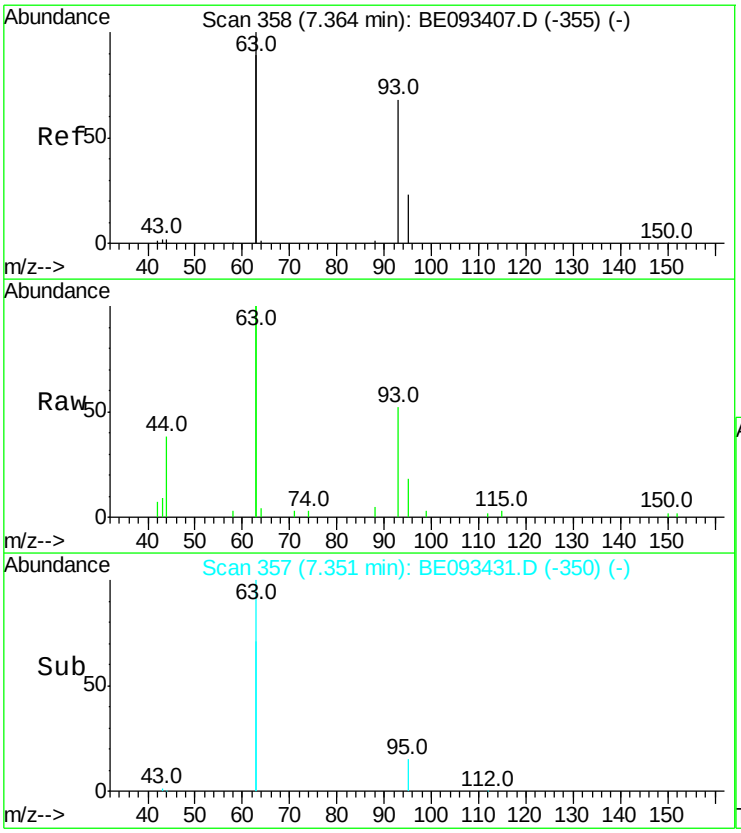
#5
Phenol-d6
Concen: 0.45 ng
RT: 7.10 min Scan# 337
Delta R.T. -0.00 min
Lab File: BE093431.D
Acq: 6 Jul 2017 15:33

Instrument :
BNA_E
ClientSampleId :

Tgt Ion: 99 Resp: 8333

Ion	Ratio	Lower	Upper
99	100		
42	19.6	0.0	0.0#
71	34.2	0.0	0.0#

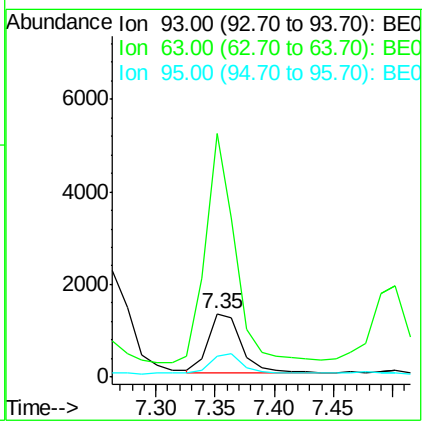


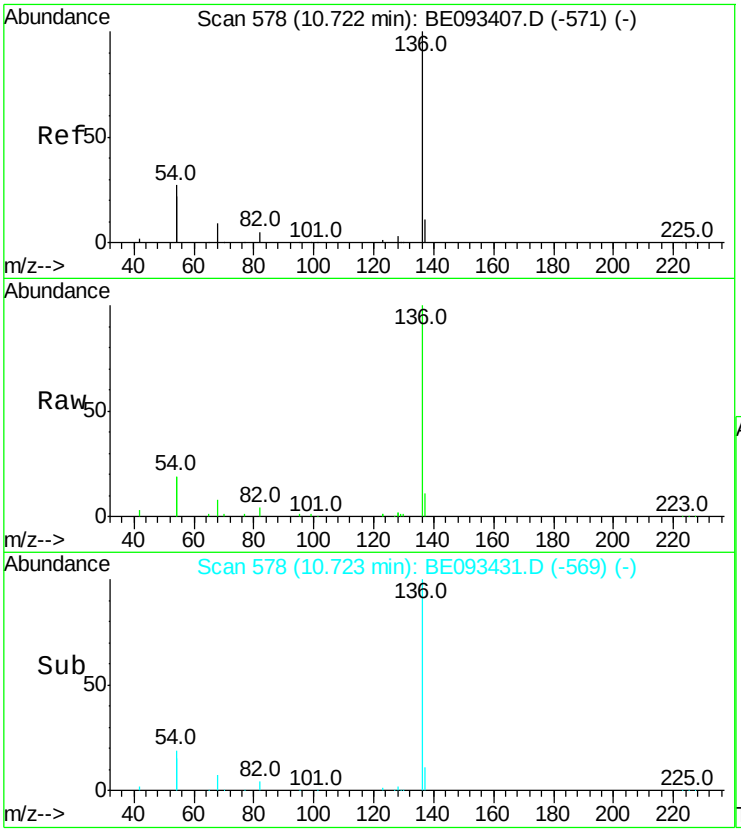


#6
bis(2-Chloroethyl)ether
Concen: 0.18 ng
RT: 7.35 min Scan# 357
Delta R.T. -0.01 min
Lab File: BE093431.D
Acq: 6 Jul 2017 15:33

Tgt Ion: 93 Resp: 2442

Ion	Ratio	Lower	Upper
93	100		
63	349.7	0.0	0.0#
95	34.7	25.4	38.0



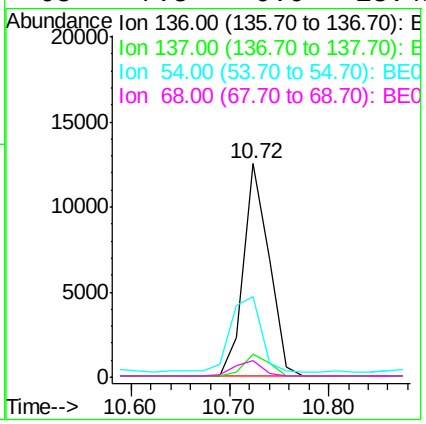


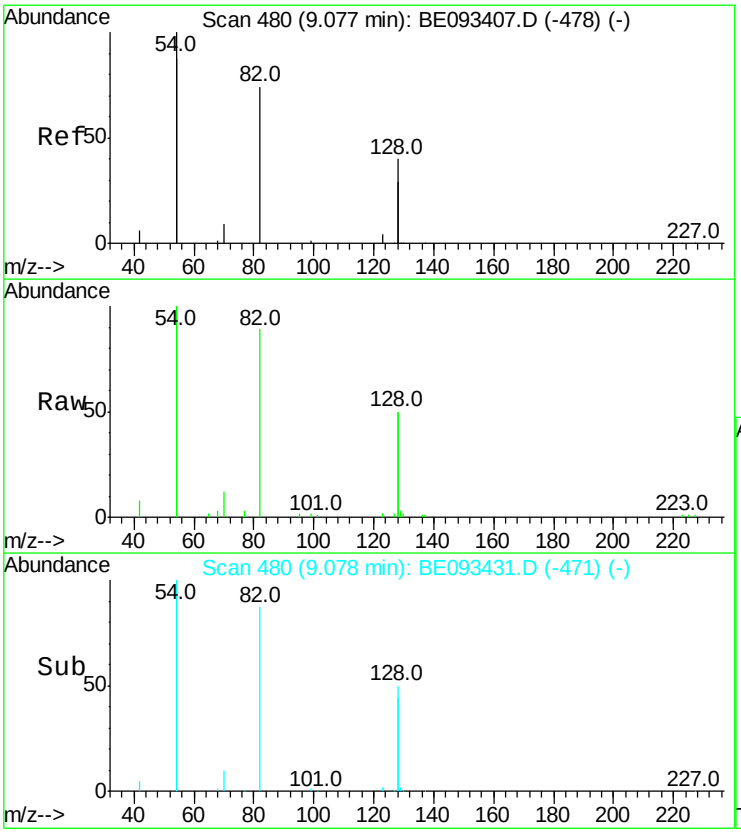
#7
Naphthalene-d8
Concen: 0.40 ng
RT: 10.72 min Scan# 578
Delta R.T. 0.00 min
Lab File: BE093431.D
Acq: 6 Jul 2017 15:33

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:136 Resp: 22498

Ion	Ratio	Lower	Upper
136	100		
137	10.9	9.8	14.8
54	37.9	10.3	15.5#
68	7.8	9.0	13.4#

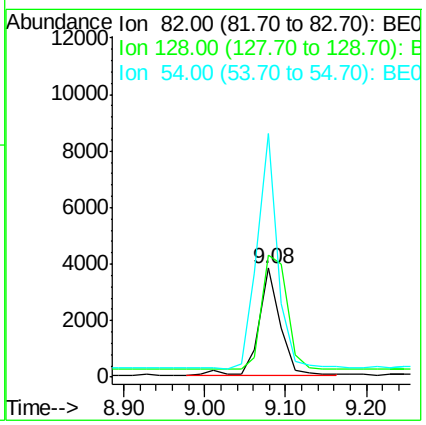


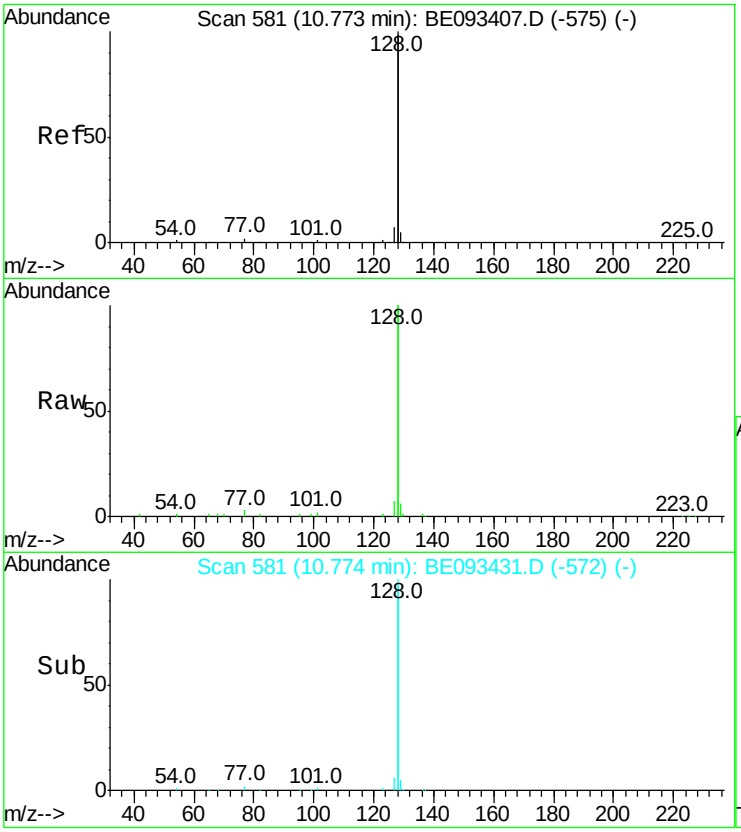


#8
Nitrobenzene-d5
Concen: 0.47 ng
RT: 9.08 min Scan# 480
Delta R.T. 0.00 min
Lab File: BE093431.D
Acq: 6 Jul 2017 15:33

Tgt Ion: 82 Resp: 6814

Ion	Ratio	Lower	Upper
82	100		
128	111.8	17.0	25.4#
54	224.1	53.8	80.6#



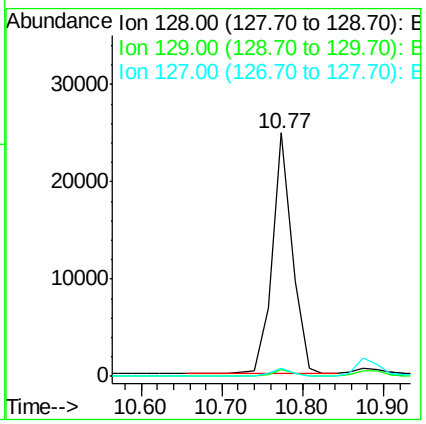


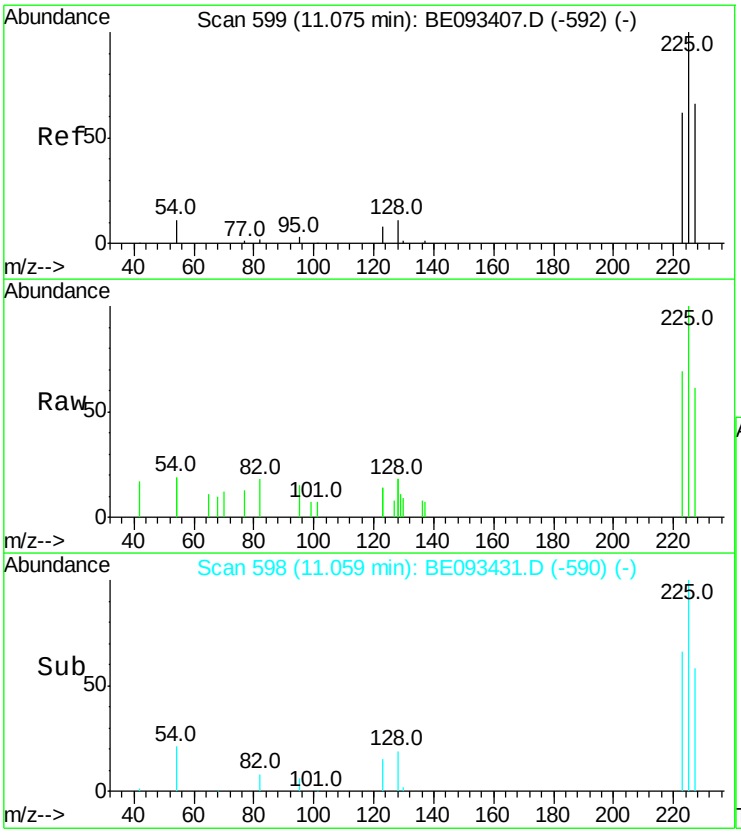
#9
Naphthalene
Concen: 0.18 ng
RT: 10.77 min Scan# 581
Delta R.T. 0.00 min
Lab File: BE093431.D
Acq: 6 Jul 2017 15:33

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:128 Resp: 41971

Ion	Ratio	Lower	Upper
128	100		
129	2.9	11.4	17.0#
127	3.3	11.2	16.8#

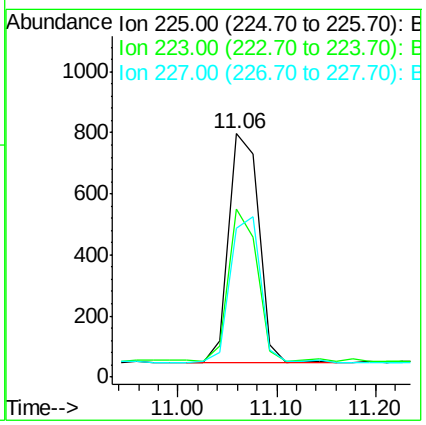


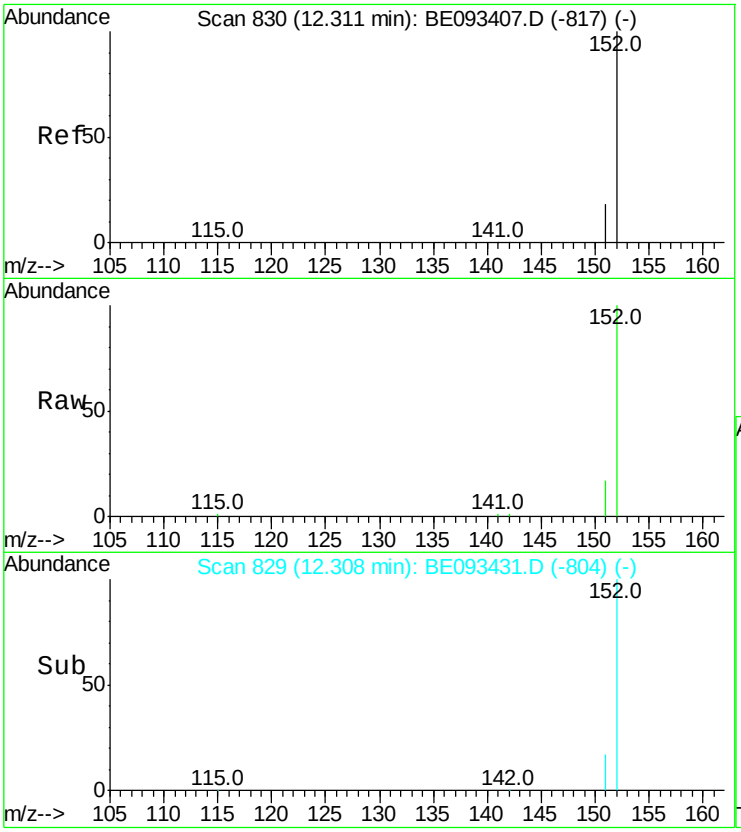


#10
Hexachlorobutadiene
Concen: 0.18 ng
RT: 11.06 min Scan# 598
Delta R.T. -0.02 min
Lab File: BE093431.D
Acq: 6 Jul 2017 15:33

Tgt Ion:225 Resp: 1575

Ion	Ratio	Lower	Upper
225	100		
223	61.8	49.7	74.5
227	64.8	50.3	75.5



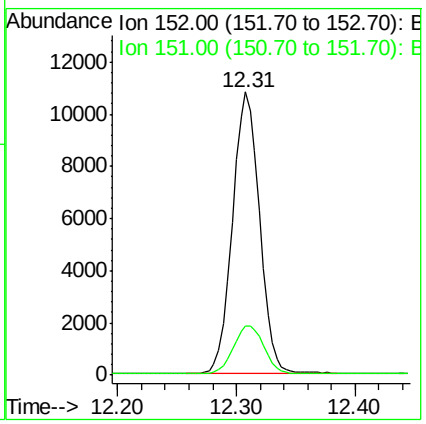


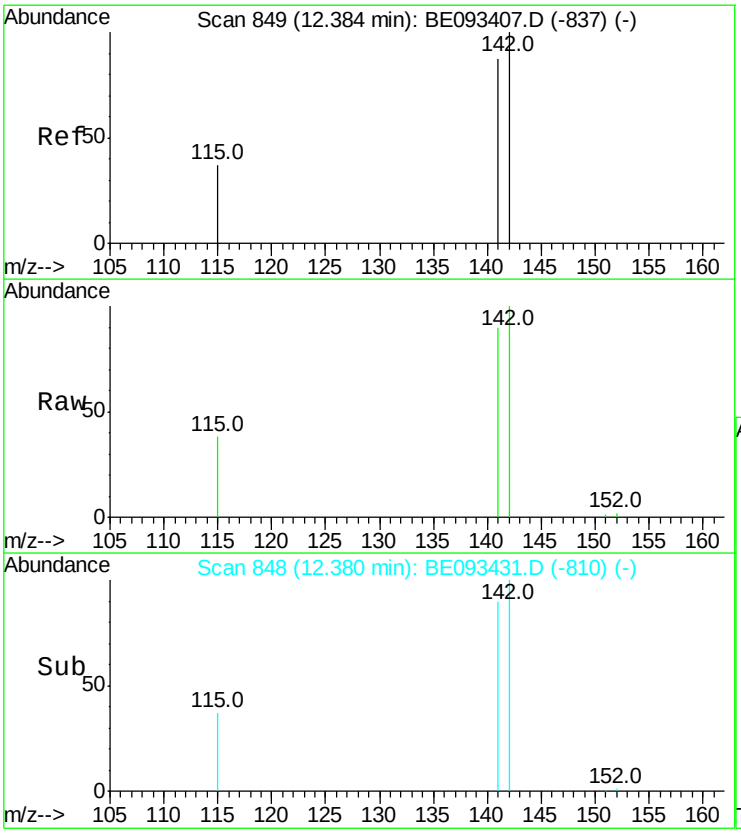
#11
2-Methylnaphthalene-d10
Concen: 0.48 ng
RT: 12.31 min Scan# 829
Delta R.T. -0.00 min
Lab File: BE093431.D
Acq: 6 Jul 2017 15:33

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:152 Resp: 17252

Ion	Ratio	Lower	Upper
152	100		
151	19.1	15.1	22.7

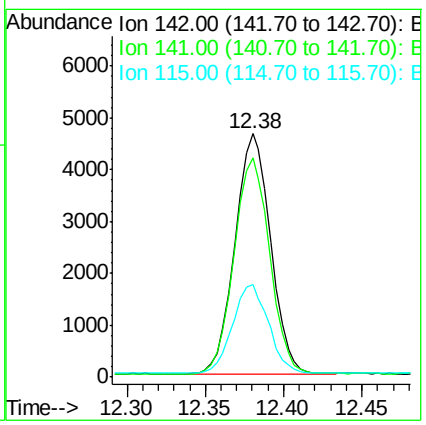


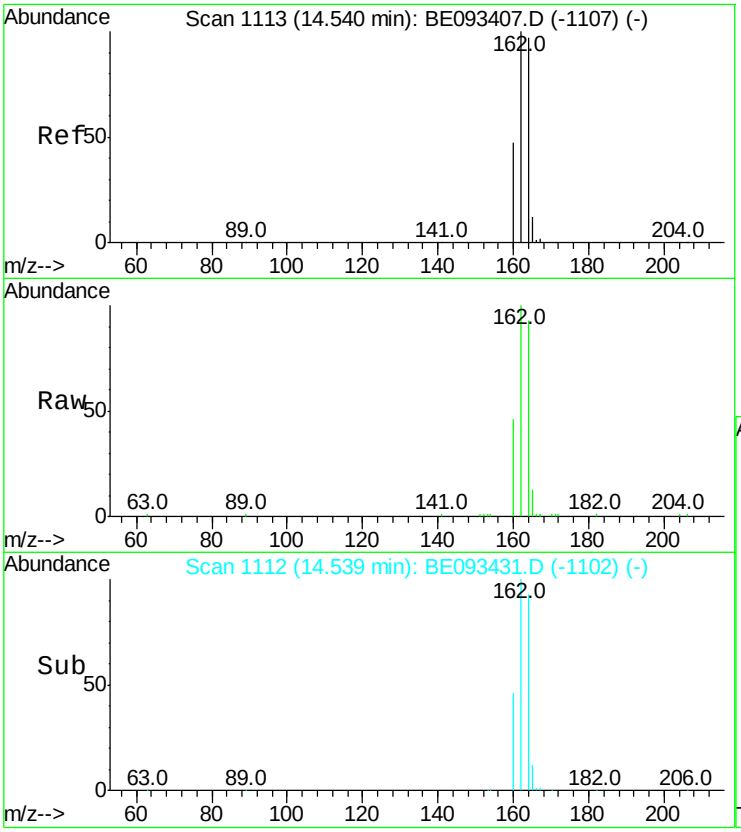


#12
2-Methylnaphthalene
Concen: 0.19 ng
RT: 12.38 min Scan# 848
Delta R.T. -0.00 min
Lab File: BE093431.D
Acq: 6 Jul 2017 15:33

Tgt Ion:142 Resp: 7343

Ion	Ratio	Lower	Upper
142	100		
141	90.0	72.6	108.8
115	38.0	32.2	48.2



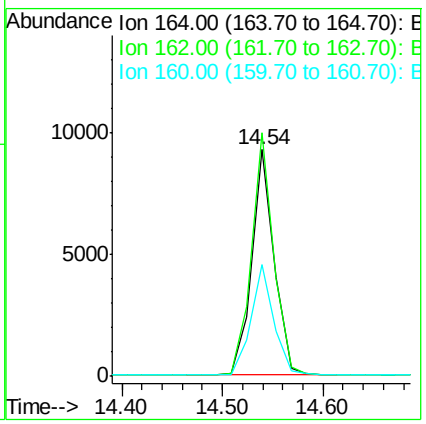


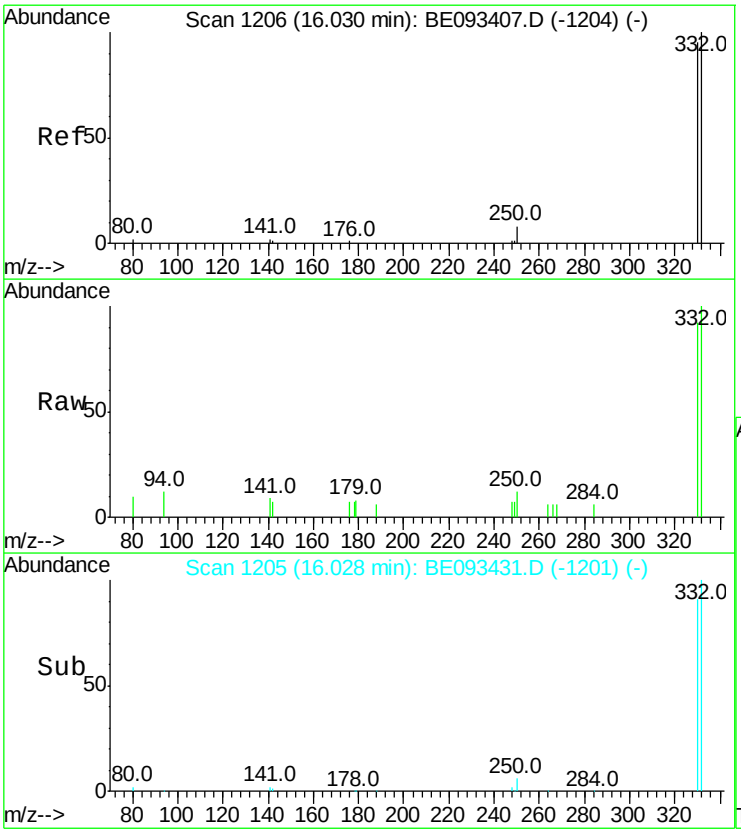
#13
Acenaphthene-d10
Concen: 0.40 ng
RT: 14.54 min Scan# 1112
Delta R.T. -0.00 min
Lab File: BE093431.D
Acq: 6 Jul 2017 15:33

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:164 Resp: 14289

Ion	Ratio	Lower	Upper
164	100		
162	107.3	84.6	127.0
160	49.5	41.8	62.6

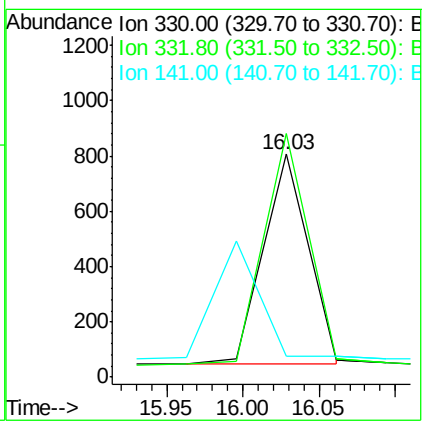


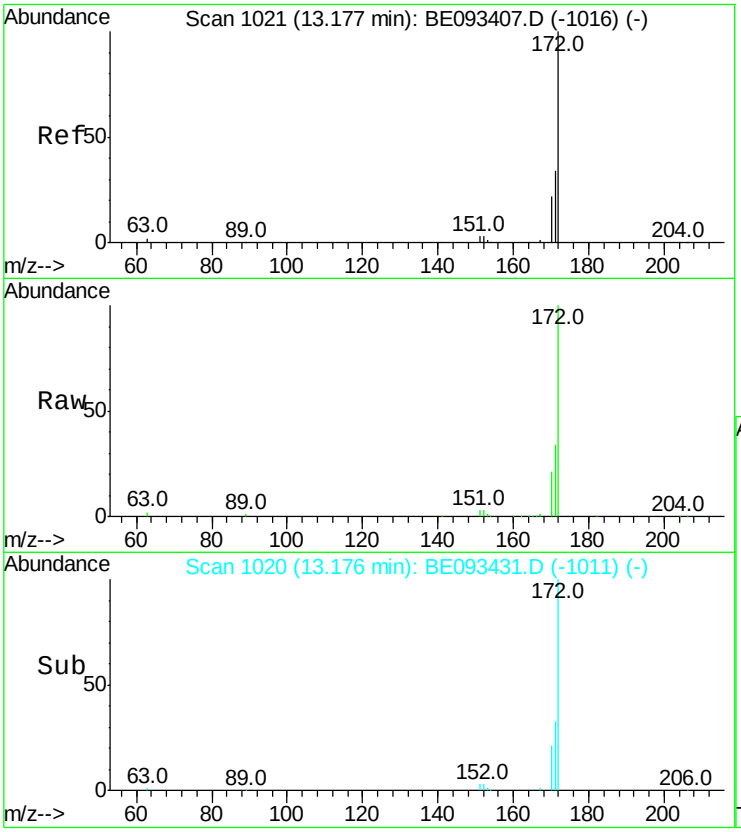


#14
2,4,6-Tribromophenol
Concen: 0.35 ng
RT: 16.03 min Scan# 1205
Delta R.T. -0.00 min
Lab File: BE093431.D
Acq: 6 Jul 2017 15:33

Tgt Ion:330 Resp: 1559

Ion	Ratio	Lower	Upper
330	100		
332	108.7	77.7	116.5
141	0.0	56.2	84.4#



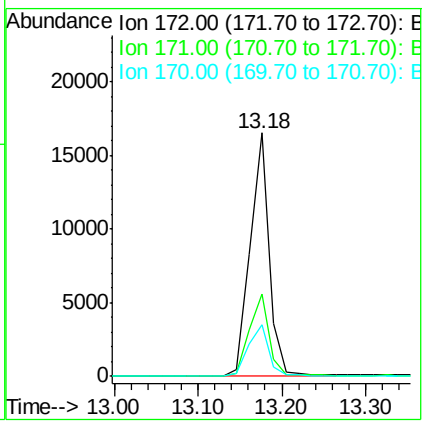


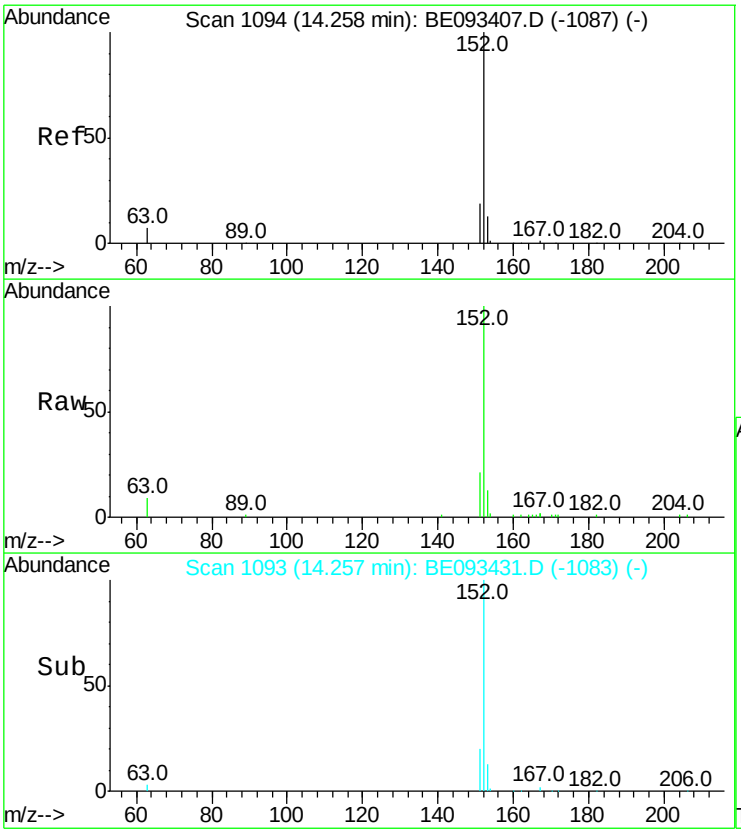
#15
2-Fluorobiphenyl
Concen: 0.47 ng
RT: 13.18 min Scan# 1020
Delta R.T. -0.00 min
Lab File: BE093431.D
Acq: 6 Jul 2017 15:33

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:172 Resp: 25983

Ion	Ratio	Lower	Upper
172	100		
171	33.7	29.8	44.6
170	21.2	20.7	31.1

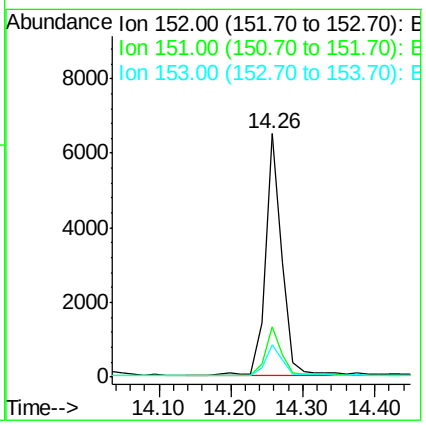


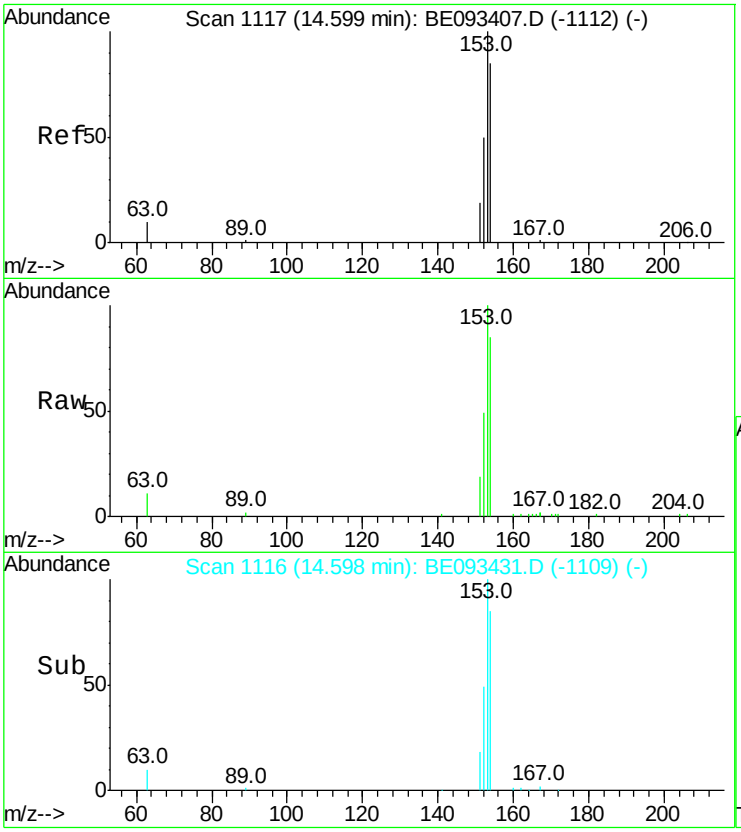


#16
Acenaphthylene
Concen: 0.17 ng
RT: 14.26 min Scan# 1093
Delta R.T. -0.00 min
Lab File: BE093431.D
Acq: 6 Jul 2017 15:33

Tgt Ion:152 Resp: 10373

Ion	Ratio	Lower	Upper
152	100		
151	19.5	4.0	6.0#
153	13.1	10.3	15.5



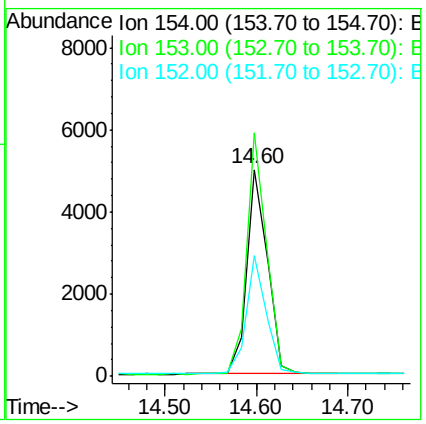


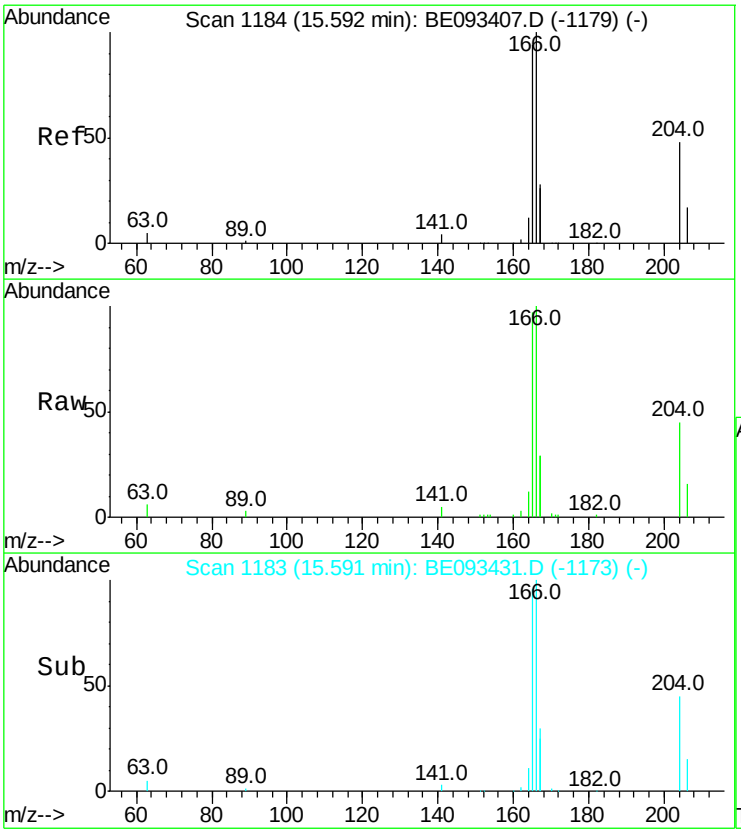
#17
Acenaphthene
Concen: 0.18 ng
RT: 14.60 min Scan# 1116
Delta R.T. -0.00 min
Lab File: BE093431.D
Acq: 6 Jul 2017 15:33

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:154 Resp: 7852

Ion	Ratio	Lower	Upper
154	100		
153	113.9	91.2	136.8
152	55.3	44.8	67.2

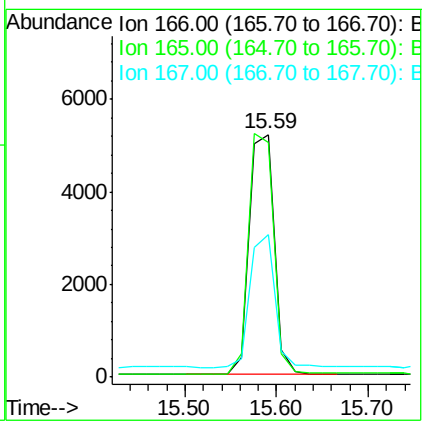


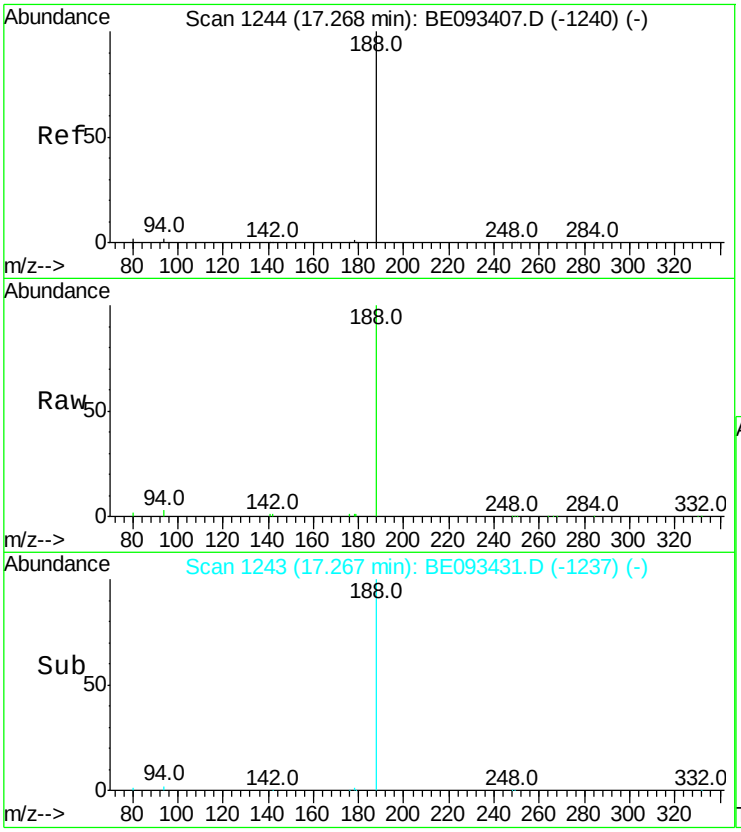


#18
Fluorene
Concen: 0.17 ng
RT: 15.59 min Scan# 1183
Delta R.T. -0.00 min
Lab File: BE093431.D
Acq: 6 Jul 2017 15:33

Tgt Ion:166 Resp: 9933

Ion	Ratio	Lower	Upper
166	100		
165	100.5	78.6	117.8
167	55.0	11.1	16.7#



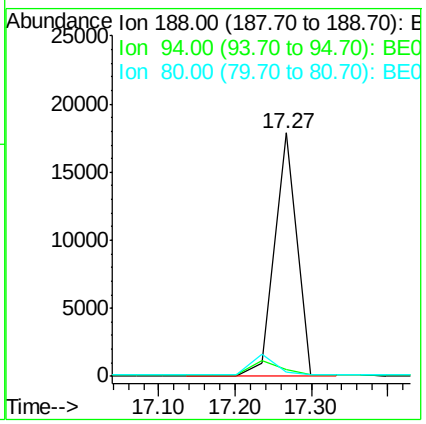


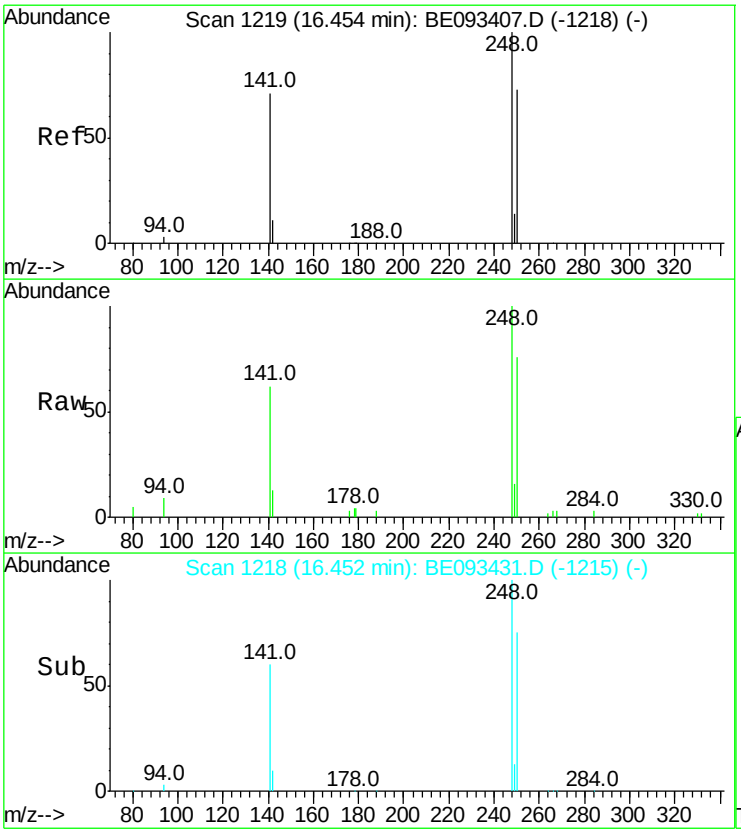
#19
Phenanthrene-d10
Concen: 0.40 ng
RT: 17.27 min Scan# 1243
Delta R.T. -0.00 min
Lab File: BE093431.D
Acq: 6 Jul 2017 15:33

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:188 Resp: 36909

Ion	Ratio	Lower	Upper
188	100		
94	2.6	11.3	16.9#
80	2.0	11.7	17.5#

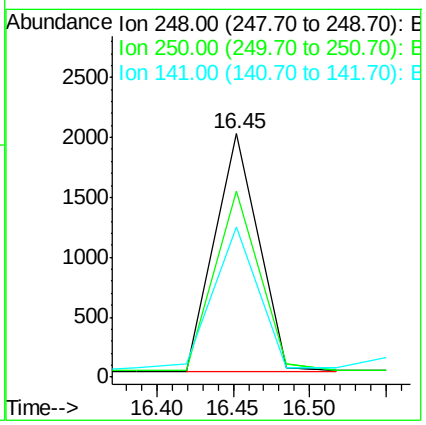


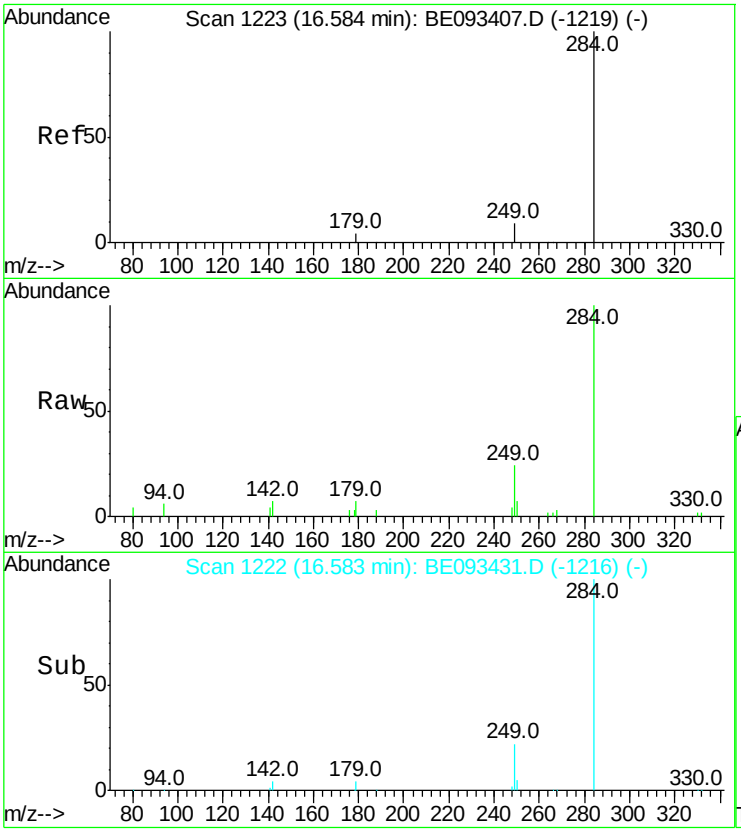


#20
4-Bromophenyl-phenylether
Concen: 0.19 ng
RT: 16.45 min Scan# 1218
Delta R.T. -0.00 min
Lab File: BE093431.D
Acq: 6 Jul 2017 15:33

Tgt Ion:248 Resp: 3937

Ion	Ratio	Lower	Upper
248	100		
250	76.2	40.8	61.2#
141	61.9	161.6	242.4#



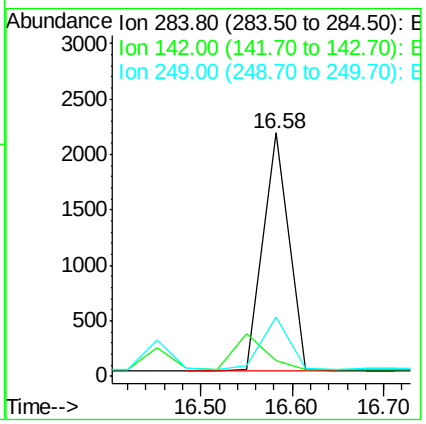


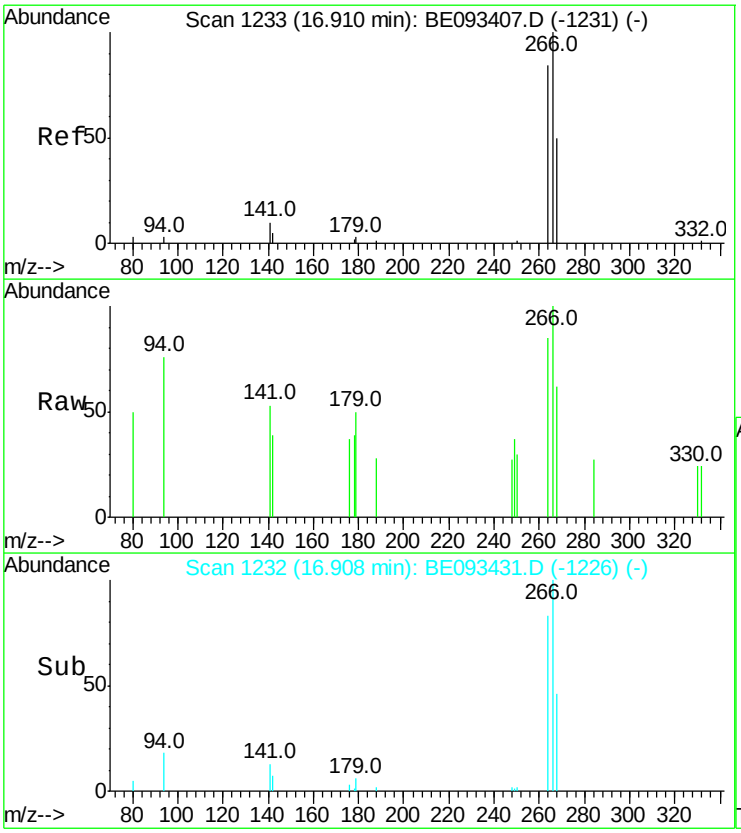
#21
Hexachlorobenzene
Concen: 0.19 ng
RT: 16.58 min Scan# 1222
Delta R.T. -0.00 min
Lab File: BE093431.D
Acq: 6 Jul 2017 15:33

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:284 Resp: 4217

Ion	Ratio	Lower	Upper
284	100		
142	0.0	0.0	0.0
249	23.5	0.0	0.0#

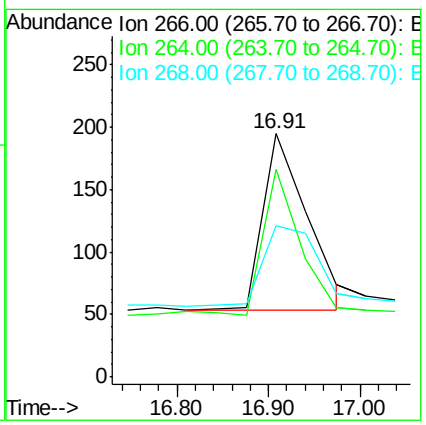


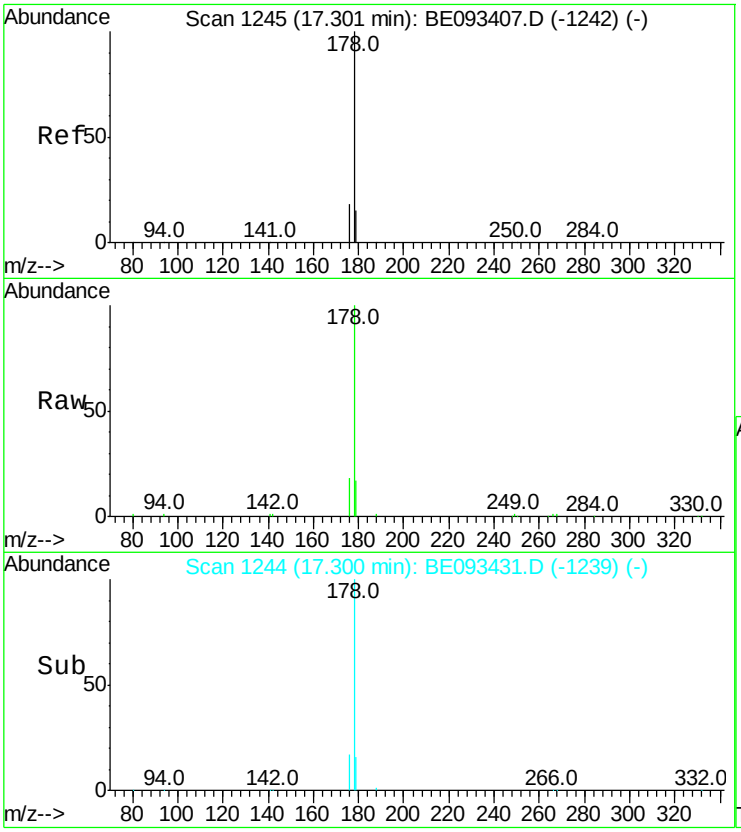


#22
Pentachlorophenol
Concen: 0.13 ng
RT: 16.91 min Scan# 1232
Delta R.T. -0.00 min
Lab File: BE093431.D
Acq: 6 Jul 2017 15:33

Tgt Ion:266 Resp: 473

Ion	Ratio	Lower	Upper
266	100		
264	85.1	58.2	87.2
268	62.1	71.9	107.9#



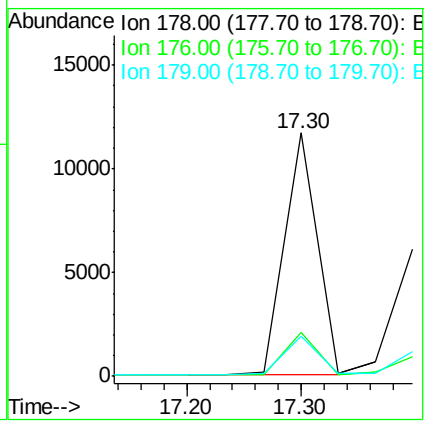


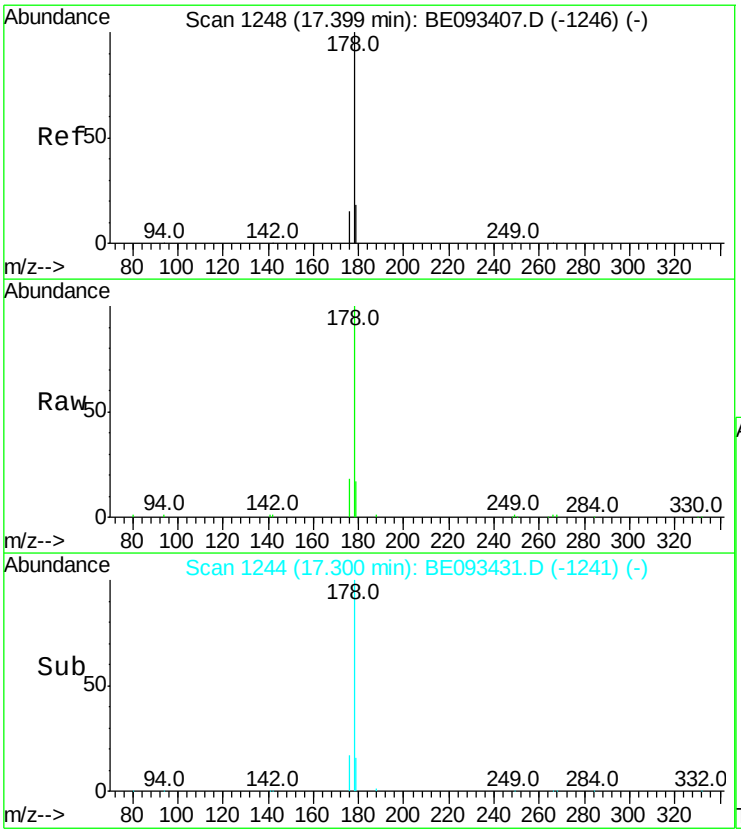
#23
Phenanthrene
Concen: 0.17 ng
RT: 17.30 min Scan# 1244
Delta R.T. -0.00 min
Lab File: BE093431.D
Acq: 6 Jul 2017 15:33

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:178 Resp: 23106

Ion	Ratio	Lower	Upper
178	100		
176	17.6	15.0	22.4
179	16.1	12.7	19.1

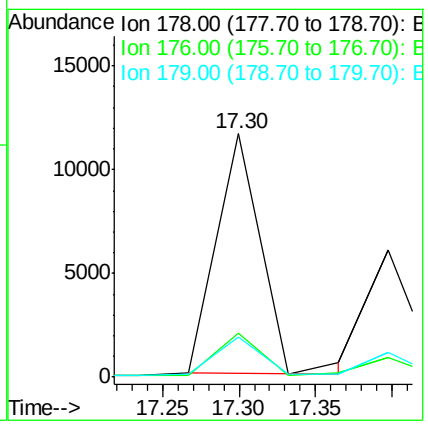


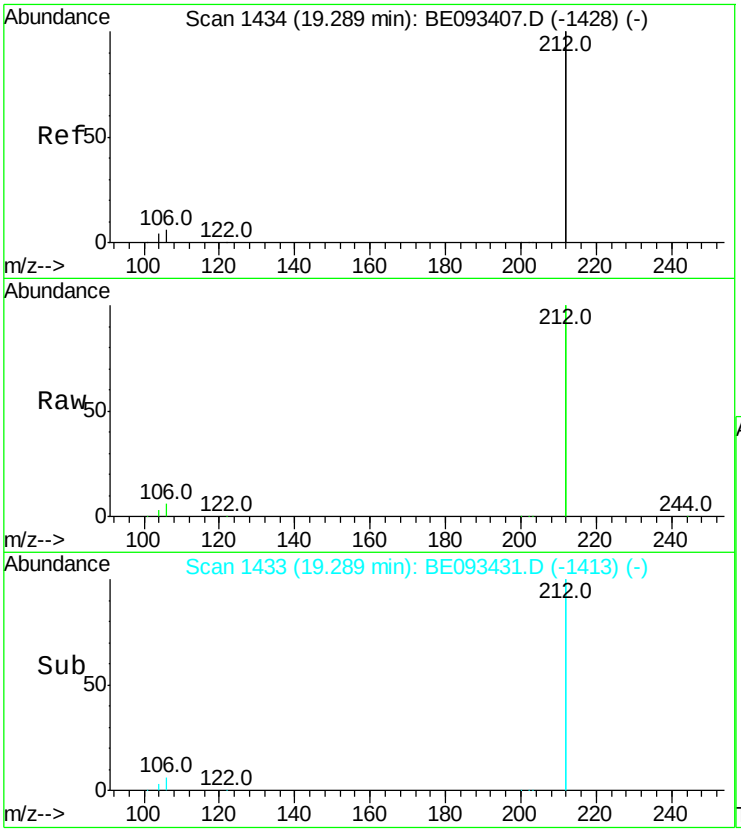


#24
Anthracene
Concen: 0.29 ng
RT: 17.30 min Scan# 1244
Delta R.T. -0.10 min
Lab File: BE093431.D
Acq: 6 Jul 2017 15:33

Tgt Ion:178 Resp: 23562

Ion	Ratio	Lower	Upper
178	100		
176	17.6	14.6	22.0
179	15.1	12.0	18.0



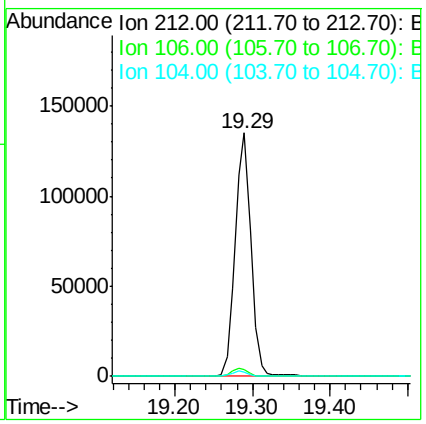


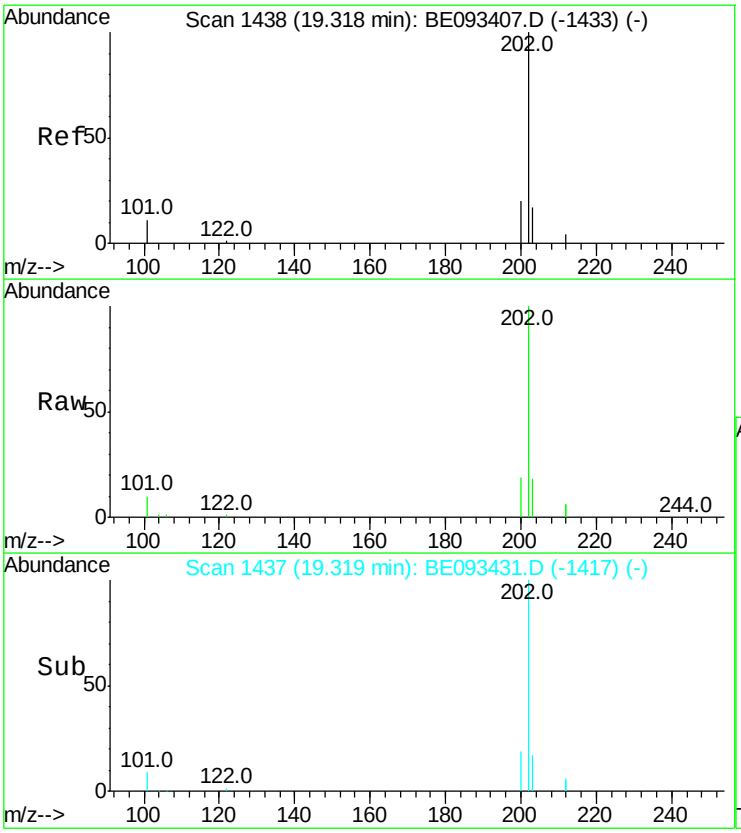
#25
Fluoranthene-d10
Concen: 0.43 ng
RT: 19.29 min Scan# 1433
Delta R.T. 0.00 min
Lab File: BE093431.D
Acq: 6 Jul 2017 15:33

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:212 Resp: 189539

Ion	Ratio	Lower	Upper
212	100		
106	3.5	2.4	3.6
104	1.9	1.6	2.4

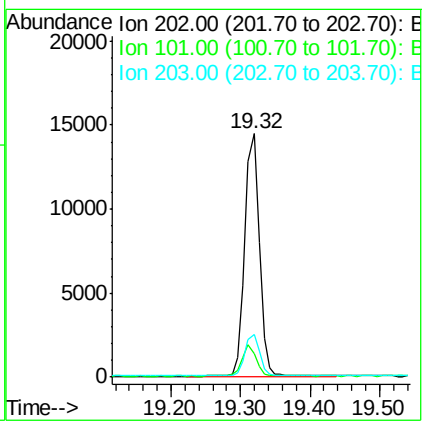


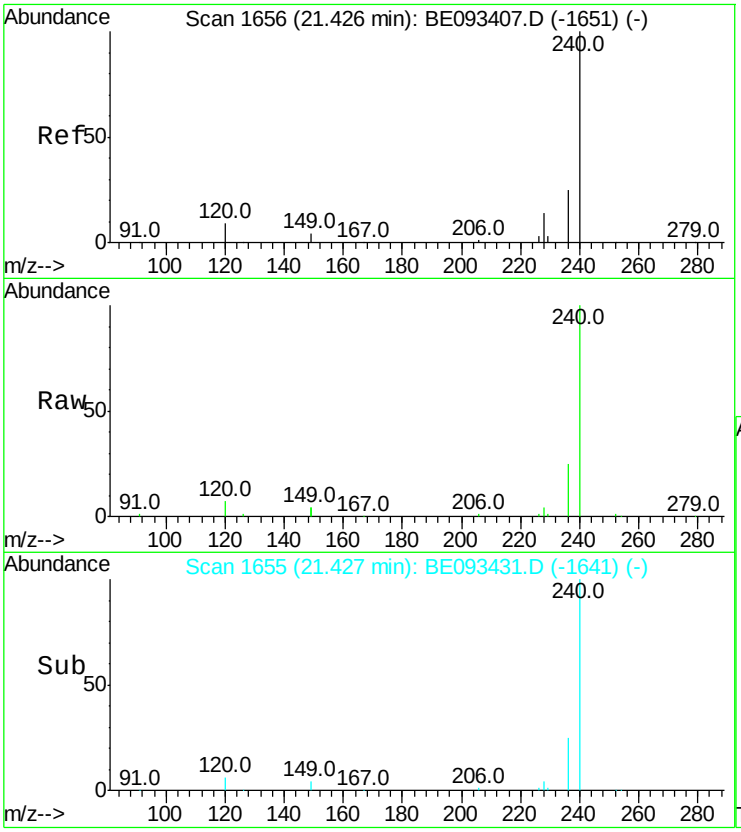


#26
Fluoranthene
Concen: 0.16 ng
RT: 19.32 min Scan# 1437
Delta R.T. 0.00 min
Lab File: BE093431.D
Acq: 6 Jul 2017 15:33

Tgt Ion:202 Resp: 20120

Ion	Ratio	Lower	Upper
202	100		
101	12.5	9.6	14.4
203	17.3	14.4	21.6



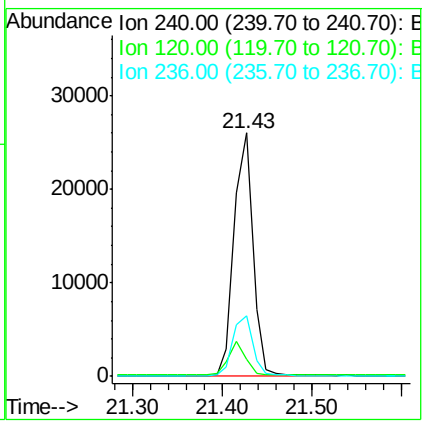


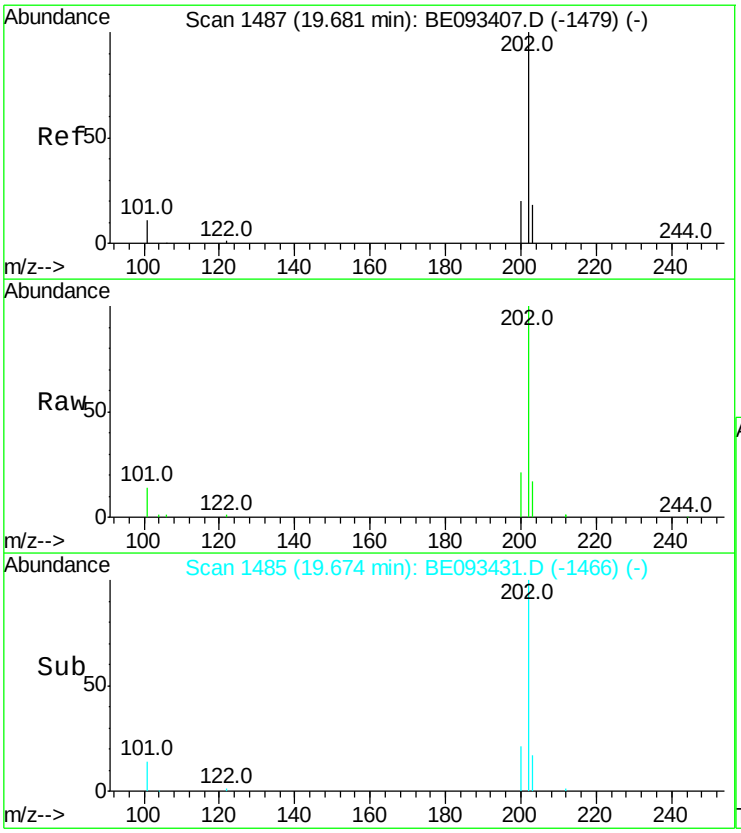
#27
Chrysene-d12
Concen: 0.40 ng
RT: 21.43 min Scan# 1655
Delta R.T. 0.00 min
Lab File: BE093431.D
Acq: 6 Jul 2017 15:33

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:240 Resp: 38049

Ion	Ratio	Lower	Upper
240	100		
120	6.9	4.6	7.0
236	25.1	20.8	31.2

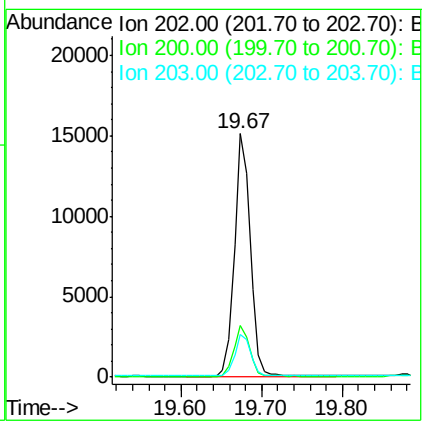


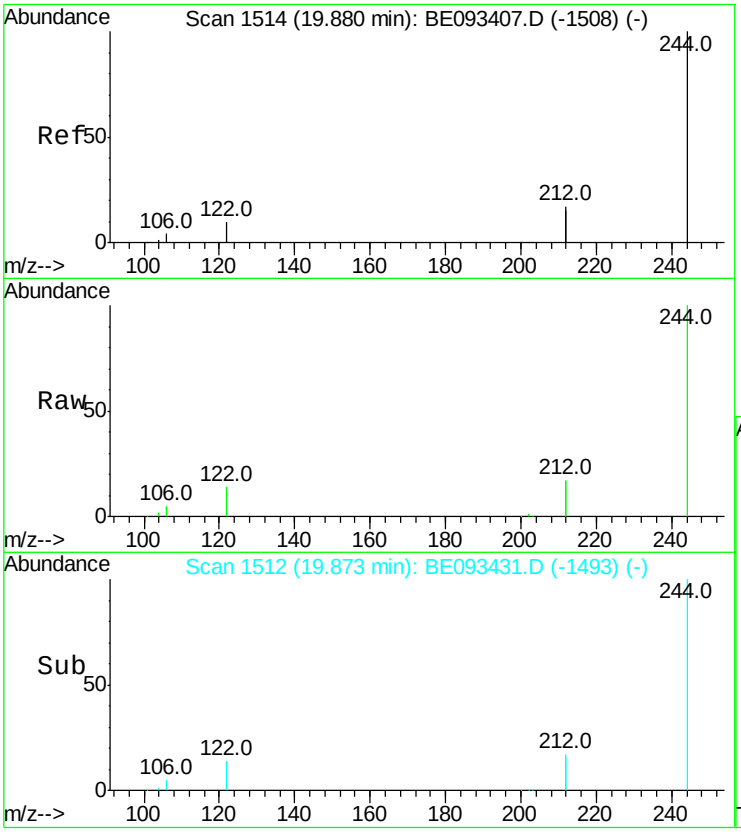


#28
Pyrene
Concen: 0.19 ng
RT: 19.67 min Scan# 1485
Delta R.T. -0.01 min
Lab File: BE093431.D
Acq: 6 Jul 2017 15:33

Tgt Ion:202 Resp: 20501

Ion	Ratio	Lower	Upper
202	100		
200	20.9	0.0	0.0#
203	17.3	13.7	20.5



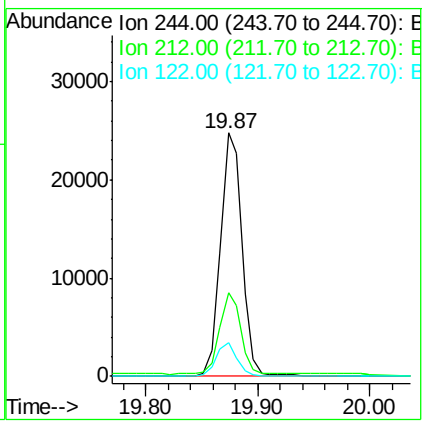


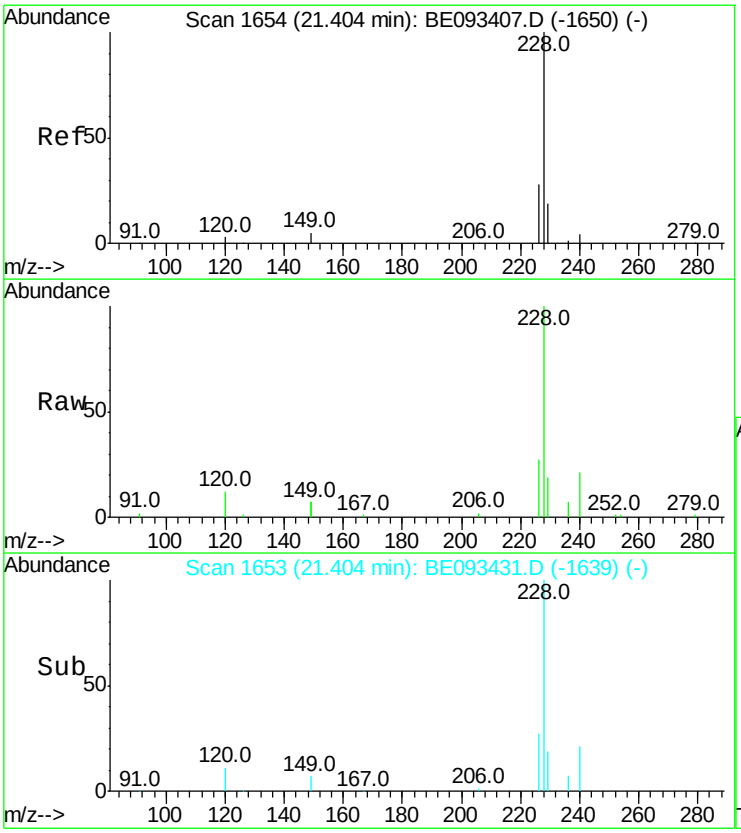
#29
Terphenyl-d14
Concen: 0.48 ng
RT: 19.87 min Scan# 1512
Delta R.T. -0.01 min
Lab File: BE093431.D
Acq: 6 Jul 2017 15:33

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:244 Resp: 32669

Ion	Ratio	Lower	Upper
244	100		
212	34.3	10.6	16.0#
122	13.9	15.4	23.0#

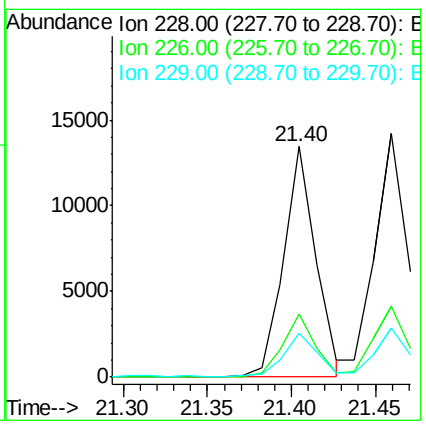


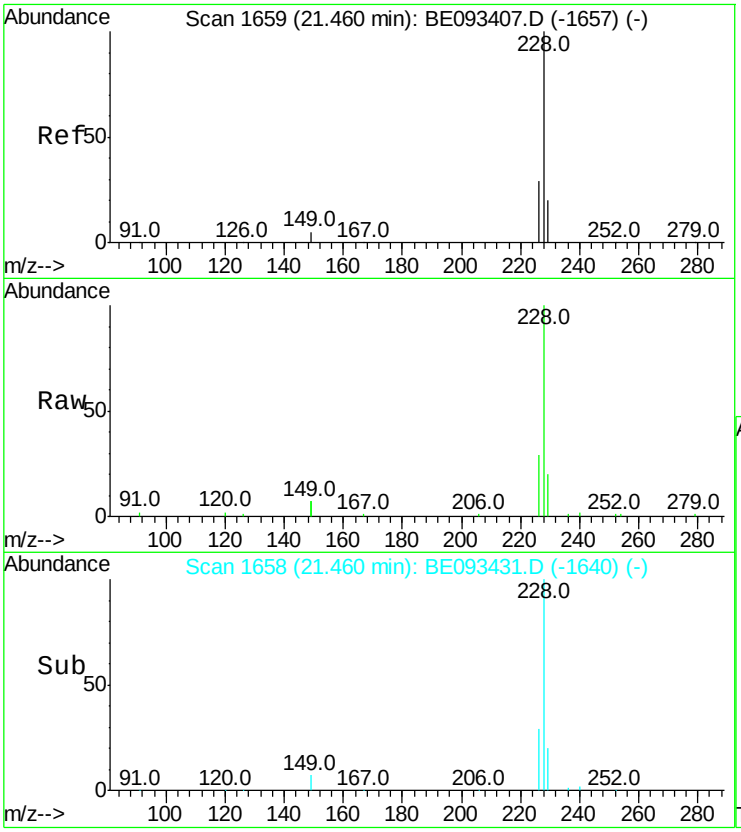


#30
Benzo(a)anthracene
Concen: 0.17 ng
RT: 21.40 min Scan# 1653
Delta R.T. 0.00 min
Lab File: BE093431.D
Acq: 6 Jul 2017 15:33

Tgt Ion:228 Resp: 17782

Ion	Ratio	Lower	Upper
228	100		
226	27.3	19.7	29.5
229	19.3	19.2	28.8



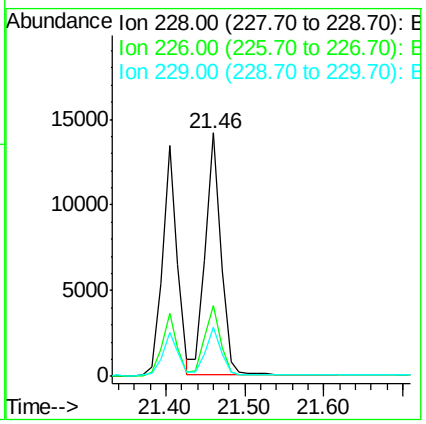


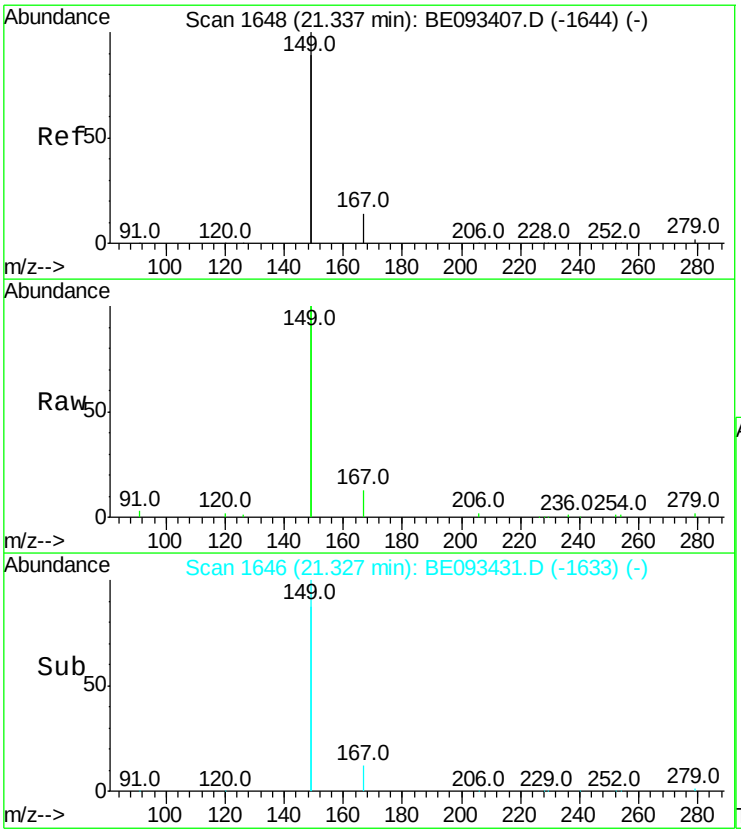
#31
Chrysene
Concen: 0.18 ng
RT: 21.46 min Scan# 1658
Delta R.T. 0.00 min
Lab File: BE093431.D
Acq: 6 Jul 2017 15:33

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:228 Resp: 19436

Ion	Ratio	Lower	Upper
228	100		
226	29.3	21.5	32.3
229	20.0	18.6	28.0

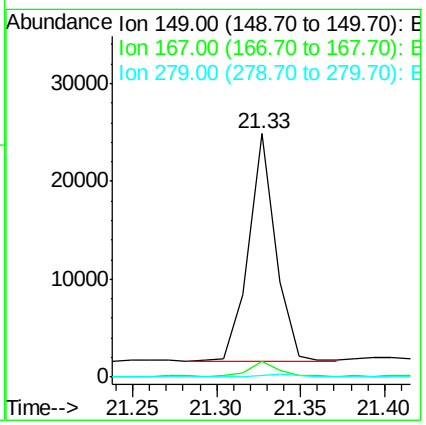


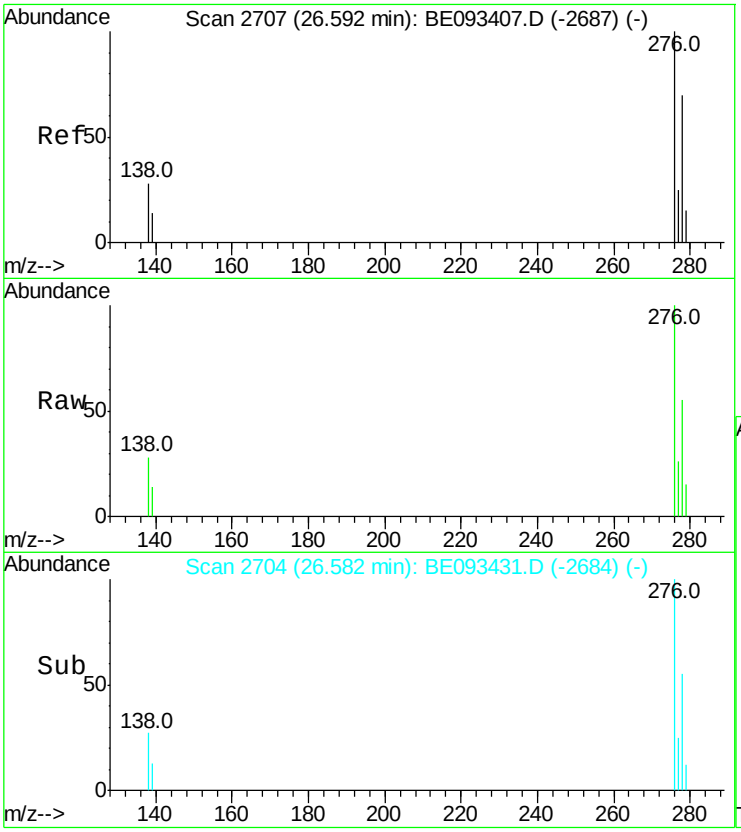


#32
Bis(2-ethylhexyl)phthalate
Concen: 0.18 ng
RT: 21.33 min Scan# 1646
Delta R.T. -0.01 min
Lab File: BE093431.D
Acq: 6 Jul 2017 15:33

Tgt Ion:149 Resp: 26063

Ion	Ratio	Lower	Upper
149	100		
167	6.6	20.1	30.1#
279	1.0	2.2	3.4#



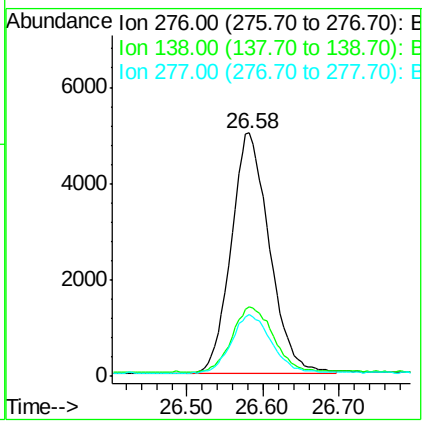


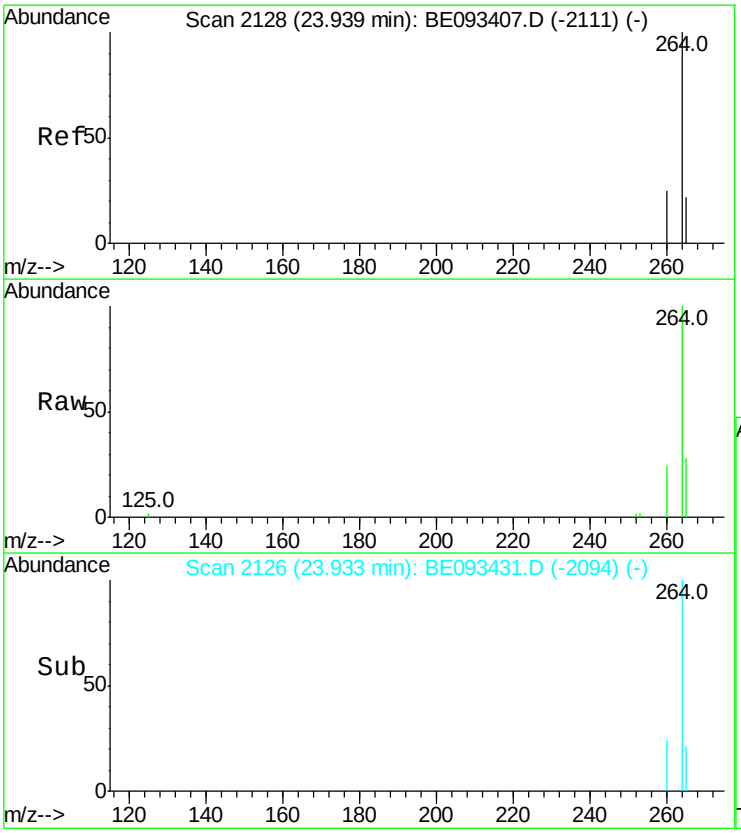
#33
Indeno(1,2,3-cd)pyrene
Concen: 0.19 ng
RT: 26.58 min Scan# 2704
Delta R.T. -0.01 min
Lab File: BE093431.D
Acq: 6 Jul 2017 15:33

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:276 Resp: 17537

Ion	Ratio	Lower	Upper
276	100		
138	29.1	27.4	41.2
277	25.1	20.1	30.1

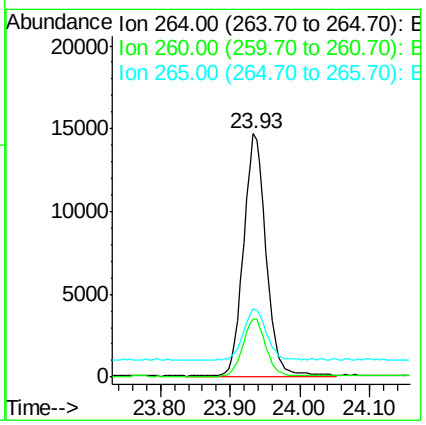


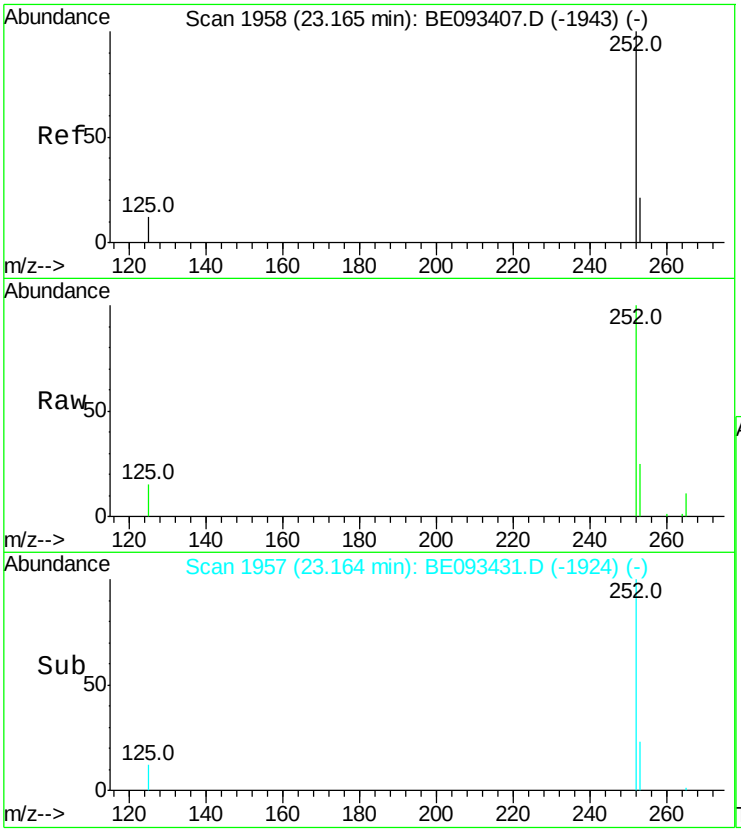


#34
Perylene-d12
Concen: 0.40 ng
RT: 23.93 min Scan# 2126
Delta R.T. -0.01 min
Lab File: BE093431.D
Acq: 6 Jul 2017 15:33

Tgt Ion:264 Resp: 32452

Ion	Ratio	Lower	Upper
264	100		
260	24.0	21.0	31.4
265	28.1	24.6	36.8



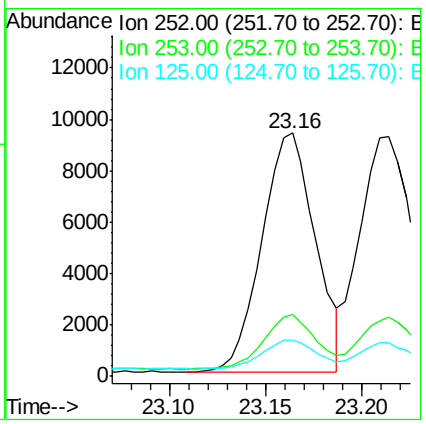


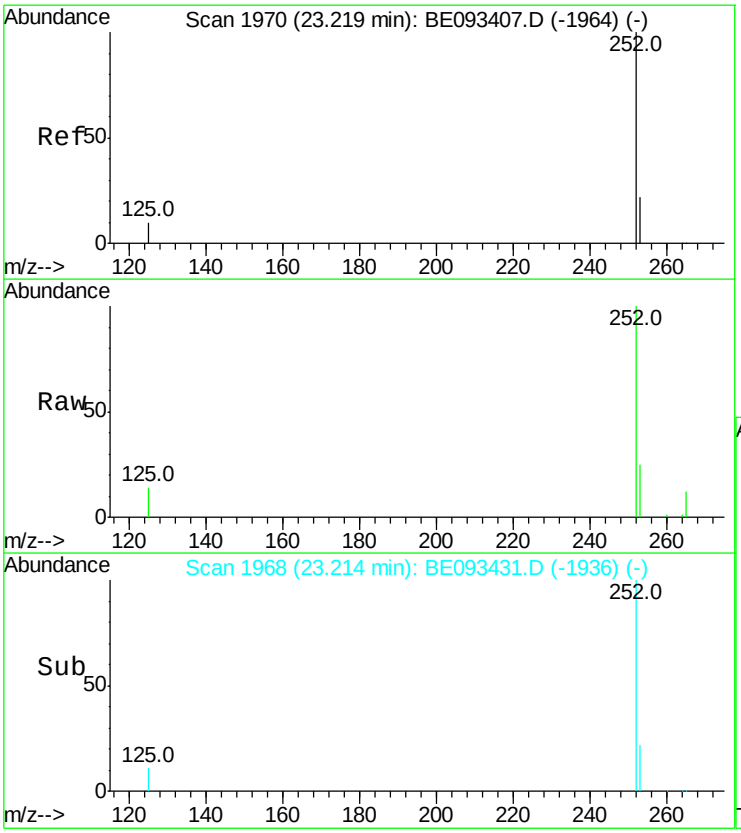
#35
Benzo(b)fluoranthene
Concen: 0.17 ng
RT: 23.16 min Scan# 1957
Delta R.T. -0.00 min
Lab File: BE093431.D
Acq: 6 Jul 2017 15:33

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:252 Resp: 17946

Ion	Ratio	Lower	Upper
252	100		
253	25.3	18.5	27.7
125	14.7	13.4	20.0

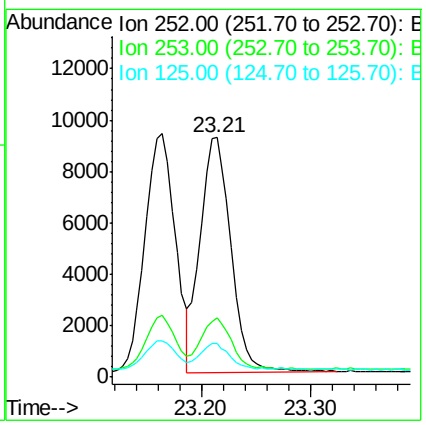


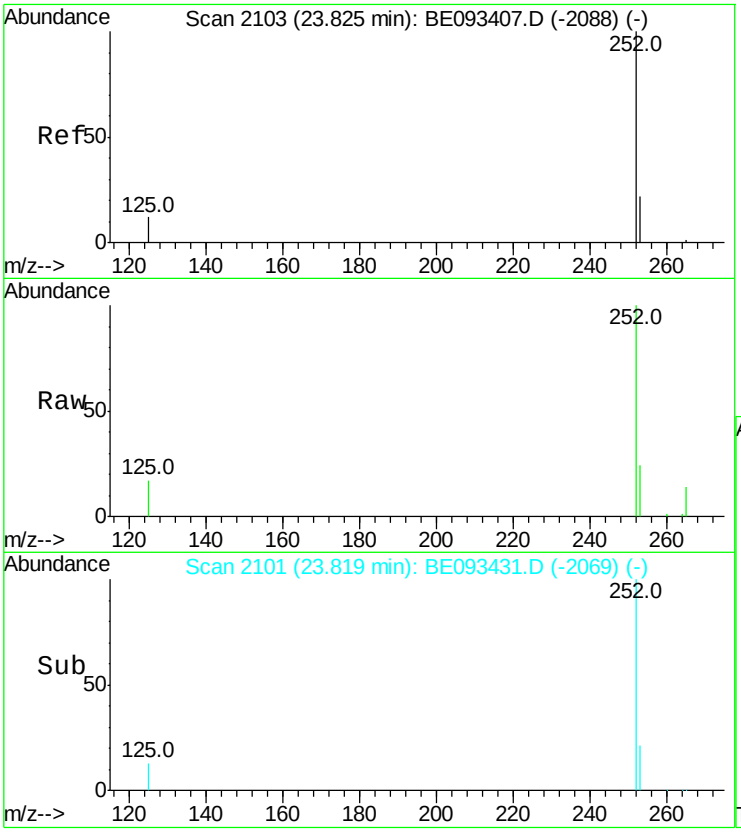


#36
Benzo(k)fluoranthene
Concen: 0.17 ng
RT: 23.21 min Scan# 1968
Delta R.T. -0.01 min
Lab File: BE093431.D
Acq: 6 Jul 2017 15:33

Tgt Ion:252 Resp: 17963

Ion	Ratio	Lower	Upper
252	100		
253	24.7	20.3	30.5
125	14.0	12.2	18.4



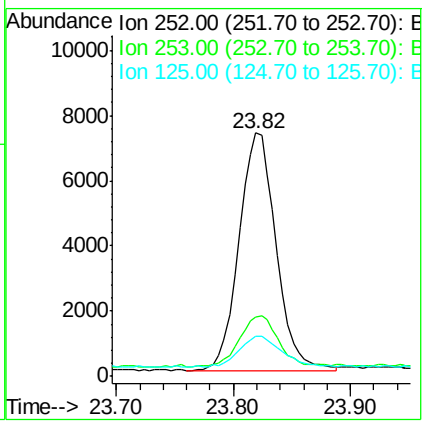


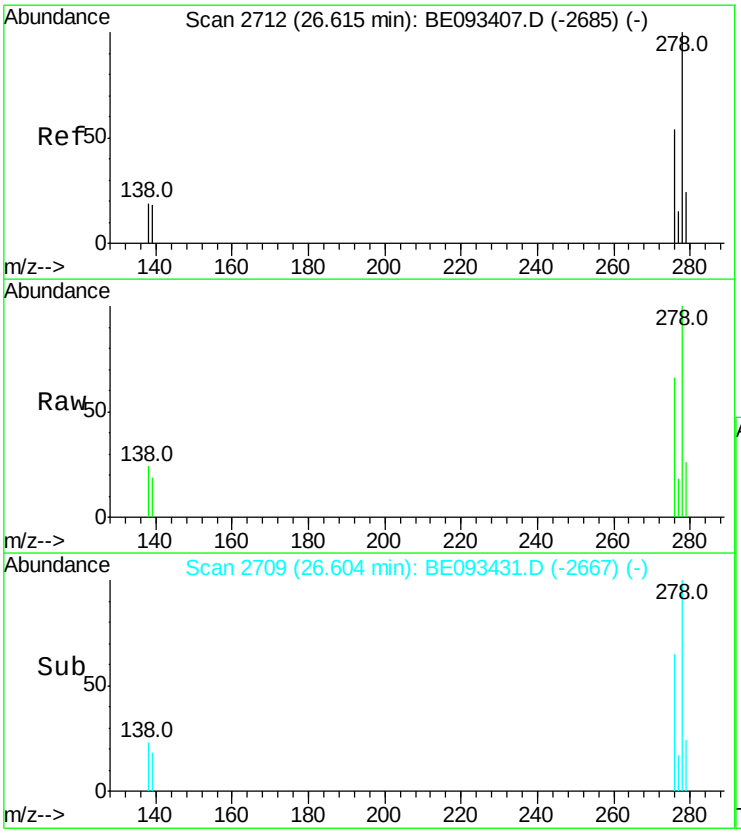
#37
Benzo(a)pyrene
Concen: 0.18 ng
RT: 23.82 min Scan# 2101
Delta R.T. -0.01 min
Lab File: BE093431.D
Acq: 6 Jul 2017 15:33

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:252 Resp: 16068

Ion	Ratio	Lower	Upper
252	100		
253	24.2	19.9	29.9
125	16.5	14.6	21.8

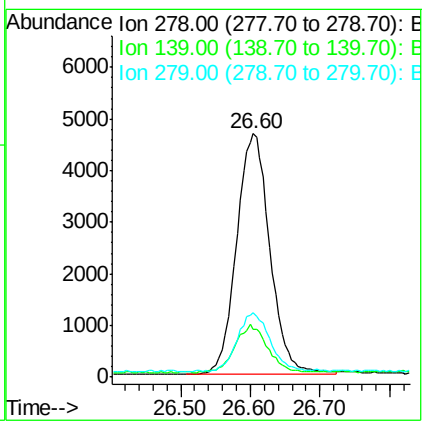


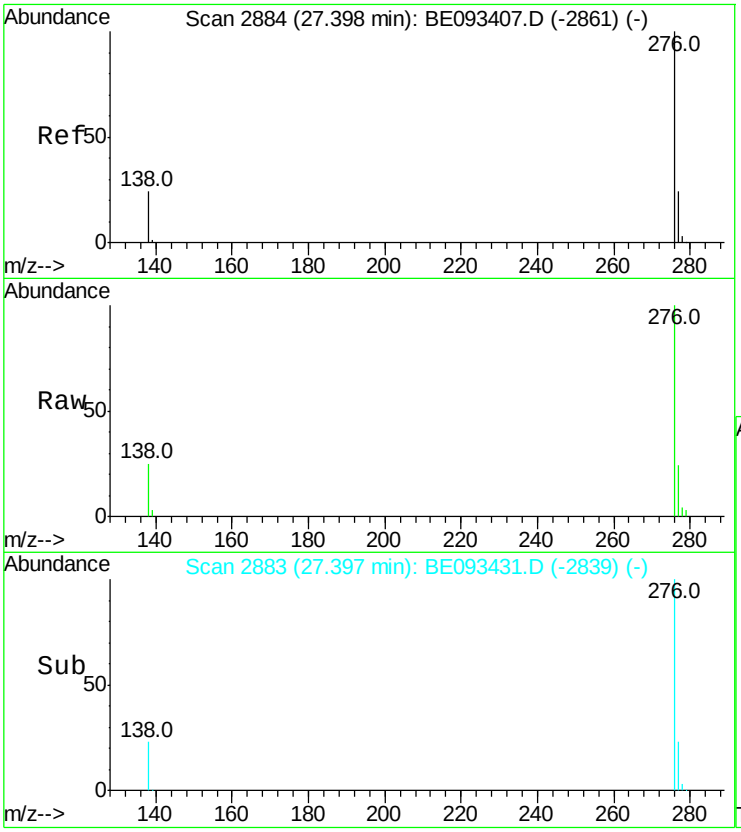


#38
Dibenzo(a,h)anthracene
Concen: 0.17 ng
RT: 26.60 min Scan# 2709
Delta R.T. -0.01 min
Lab File: BE093431.D
Acq: 6 Jul 2017 15:33

Tgt Ion:278 Resp: 15405

Ion	Ratio	Lower	Upper
278	100		
139	19.4	21.4	32.0#
279	26.4	22.2	33.2





#39
Benzo(g,h,i)perylene
Concen: 0.18 ng
RT: 27.40 min Scan# 2883
Delta R.T. -0.00 min
Lab File: BE093431.D
Acq: 6 Jul 2017 15:33

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:276 Resp: 15874

Ion	Ratio	Lower	Upper
276	100		
277	24.2	21.2	31.8
138	24.7	24.5	36.7