Quantitation Report (Not Reviewed)

Data Path : \\74.0.250.170\SVOASRV\HPCHEM1\BNA E\DATA\BE071417\
Data File : BE093475.D
Acq On : 14 Jul 2017 18:37
Operator : SJ/JU
Sample : SSTDCCC0.4
Misc : LOO 0.2 PPM
ALS Vial : 2 Sample Multiplier: 1

Instrument : BNA_E
ClientSampleId :

Quant Time: Jul 17 01:28:44 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	7.93	152	4373	0.40	ng		-0.01
7) Naphthalene-d8	10.72	136	23873	0.40	ng		0.00
13) Acenaphthene-d10	14.54	164	15287	0.40	ng		0.00
19) Phenanthrene-d10	17.27	188	29399	0.40	ng		0.00
27) Chrysene-d12	21.42	240	39078	0.40	ng		-0.01
34) Perylene-d12	23.93	264	33164	0.40	ng		-0.01
System Monitoring Compounds							
4) 2-Fluorophenol	5.52	112	4957	0.38	ng		-0.01
5) Phenol-d6	7.09	99	7775	0.40	ng		-0.01
8) Nitrobenzene-d5	9.08	82	6631	0.43	ng		0.00
11) 2-Methylnaphthalene-d10	12.30	152	15400	0.40	ng		0.00
14) 2,4,6-Tribromophenol	16.03	330	1138	0.24	ng		0.00
15) 2-Fluorobiphenyl	13.18	172	23350	0.39	ng		0.00
25) Fluoranthene-d10	19.28	212	157182	0.44	ng		0.00
29) Terphenyl-d14	19.87	244	28147	0.40	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.44	88	3165	0.342	ng		93
3) n-Nitrosodimethylamine	3.77	42	1917	0.408	ng	#	96
6) bis(2-Chloroethyl)ether	7.35	93	5874	0.401	ng	#	97
9) Naphthalene	10.77	128	96939	0.388	ng	#	73
10) Hexachlorobutadiene	11.06	225	3518	0.371	ng		99
12) 2-Methylnaphthalene	12.38	142	16843	0.401	ng		97
16) Acenaphthylene	14.26	152	24271	0.381	ng	#	88
17) Acenaphthene	14.60	154	17865	0.383	ng		99
18) Fluorene	15.58	166	23142	0.362	ng	#	87
20) 4-Bromophenyl-phenylether	16.45	248	9305	0.577	ng	#	1
21) Hexachlorobenzene	16.58	284	9059	0.521	ng	#	100
22) Pentachlorophenol	16.91	266	1346	0.595	ng	#	79
23) Phenanthrene	17.30	178	44206	0.414	ng		96
24) Anthracene	17.40	178	16853	0.257	ng	#	74
26) Fluoranthene	19.31	202	44897	0.447	ng		99
28) Pyrene	19.67	202	45334	0.413	ng	#	100
30) Benzo(a)anthracene	21.40	228	39029	0.370	ng		94
31) Chrysene	21.46	228	43426	0.394	ng		95
32) Bis(2-ethylhexyl)phthalate	21.33	149	53392	0.351	ng	#	66
33) Indeno(1,2,3-cd)pyrene	26.57	276	40705	0.420	ng		96
35) Benzo(b)fluoranthene	23.16	252	41468	0.387	ng		97
36) Benzo(k)fluoranthene	23.16	252	41468	0.391	ng		97
37) Benzo(a)pyrene	23.82	252	36206	0.386	ng		98
38) Dibenzo(a,h)anthracene	26.60	278	36275	0.398	ng	#	91
39) Benzo(g,h,i)perylene	27.38	276	35775	0.389	ng		92

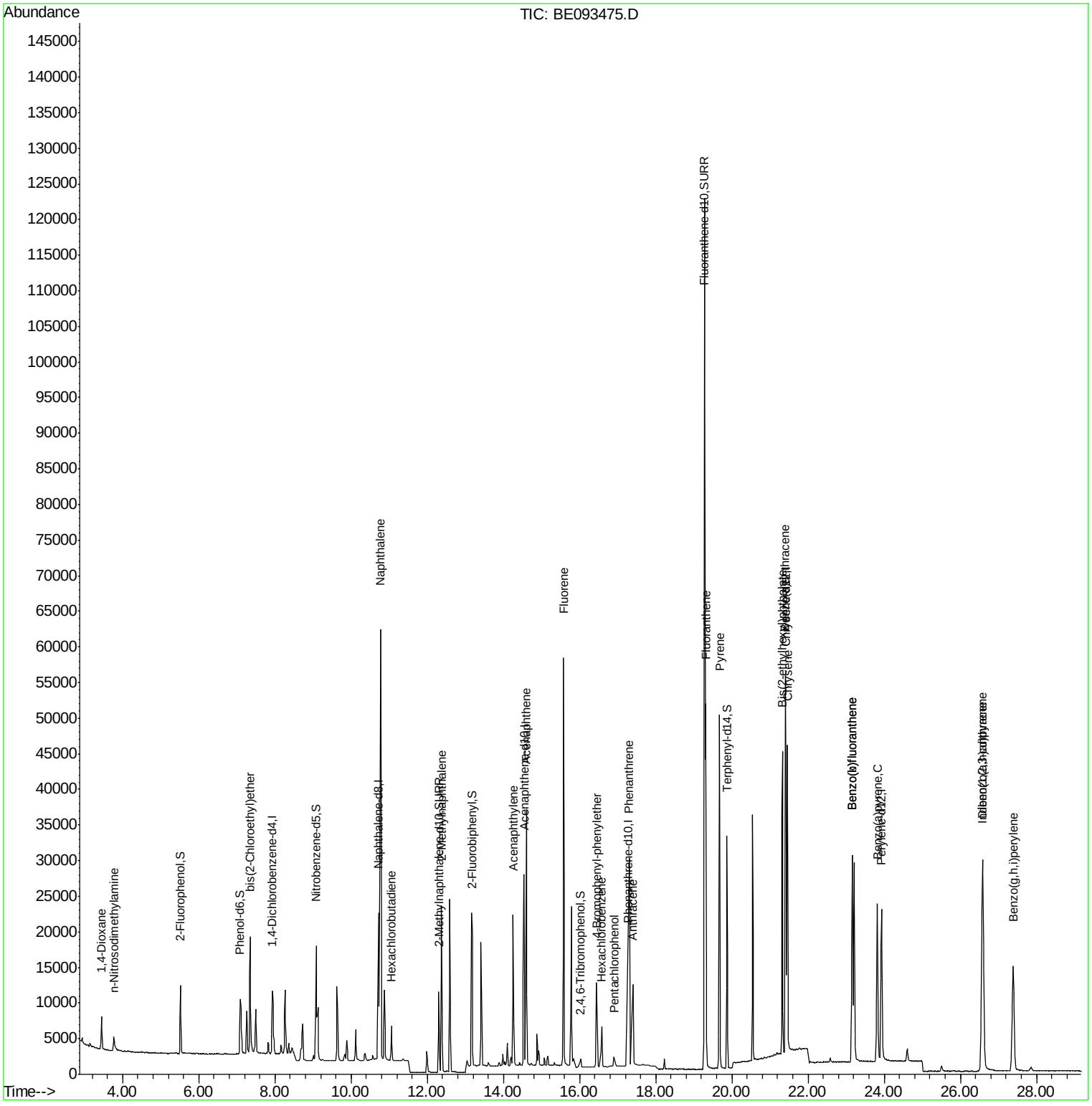
(#) = qualifier out of range (m) = manual integration (+) = signals summed

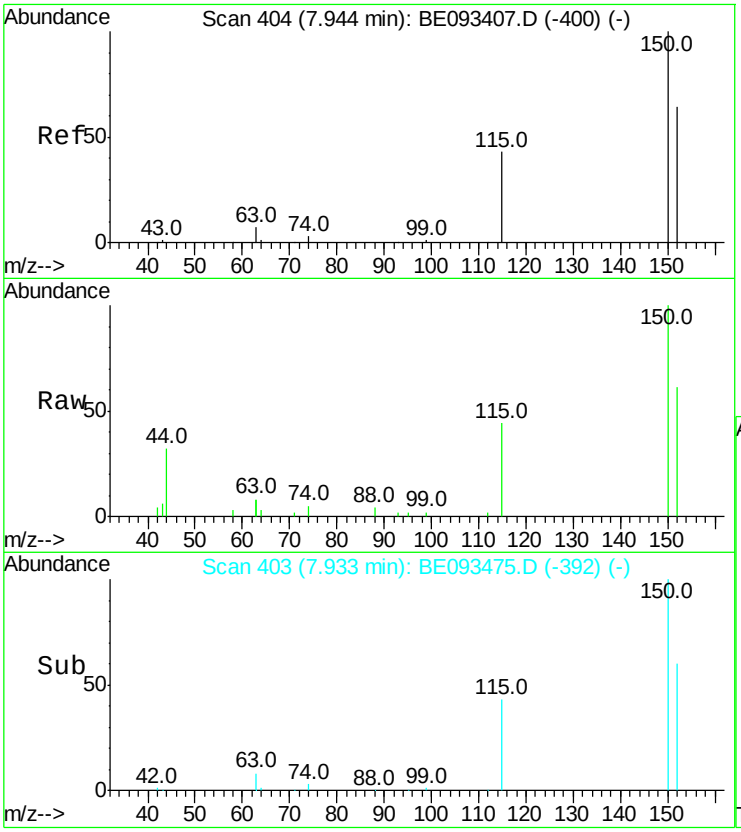
Quantitation Report (Not Reviewed)

Data Path : \\74.0.250.170\SVOASRV\HPCHEM1\BNA E\DATA\BE071417\
Data File : BE093475.D
Acq On : 14 Jul 2017 18:37
Operator : SJ/JU
Sample : SSTDCCC0.4
Misc : LOO 0.2 PPM
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_E
ClientSampleId :

Quant Time: Jul 17 01:28:44 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



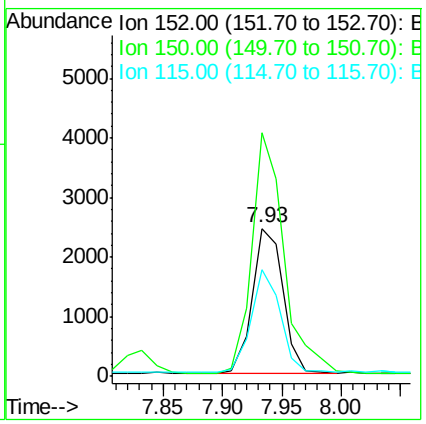


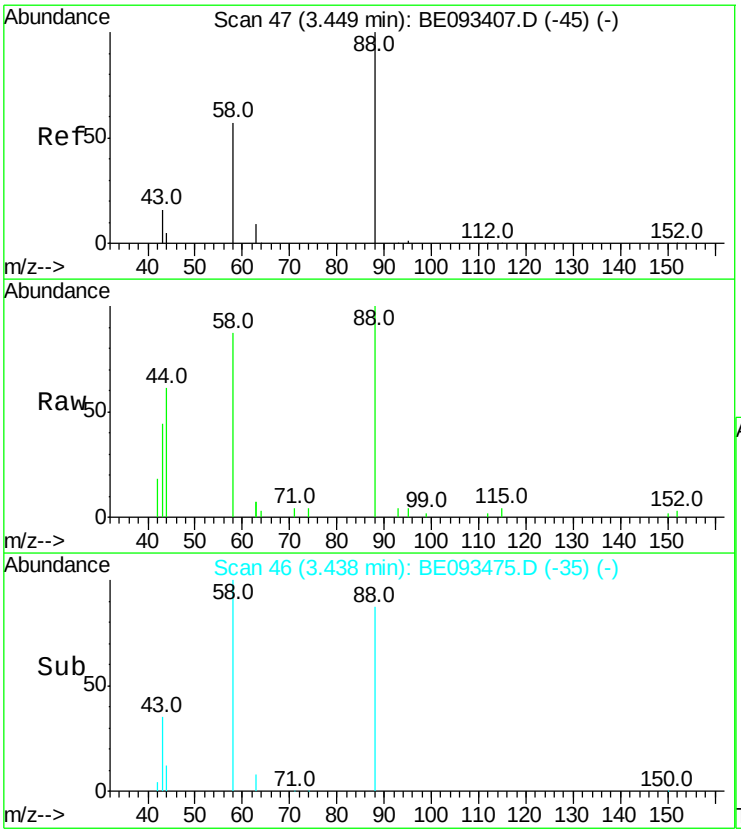
#1
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.93 min Scan# 403
Delta R.T. -0.01 min
Lab File: BE093475.D
Acq: 14 Jul 2017 18:37

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:152 Resp: 4373

Ion	Ratio	Lower	Upper
152	100		
150	164.4	125.1	187.7
115	72.2	55.7	83.5

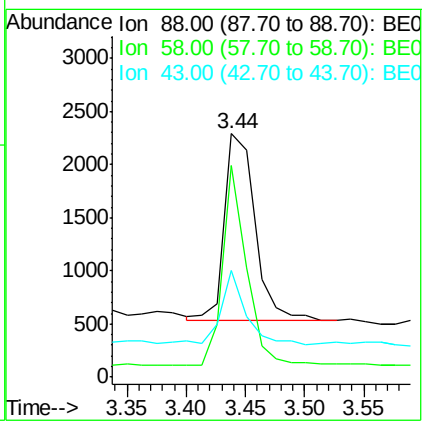


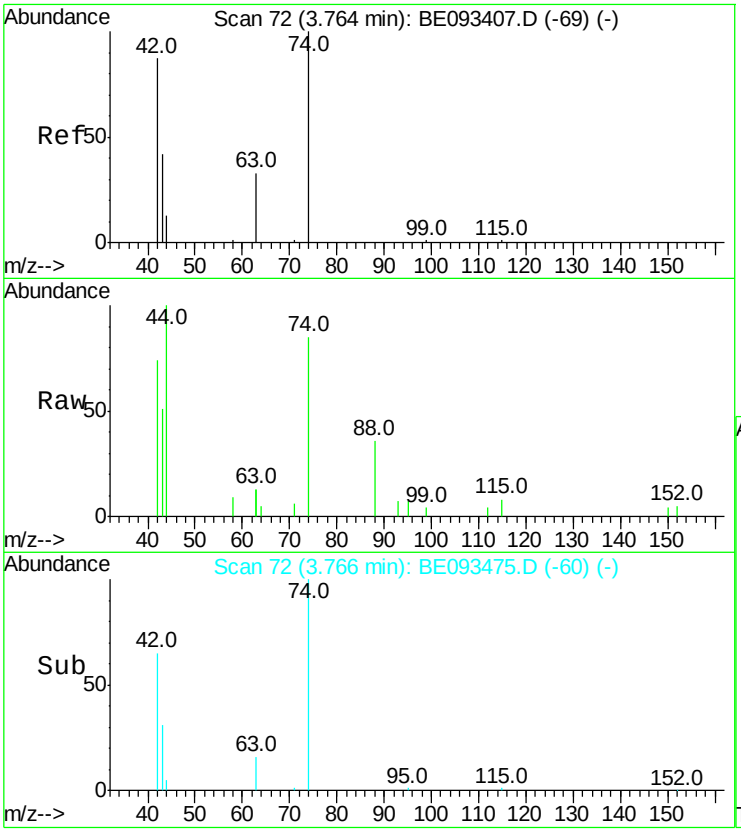


#2
1,4-Dioxane
Concen: 0.342 ng
RT: 3.44 min Scan# 46
Delta R.T. -0.01 min
Lab File: BE093475.D
Acq: 14 Jul 2017 18:37

Tgt Ion: 88 Resp: 3165

Ion	Ratio	Lower	Upper
88	100		
58	83.5	62.2	93.4
43	32.9	23.2	34.8



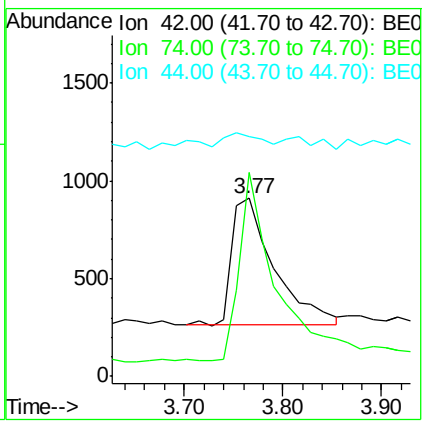


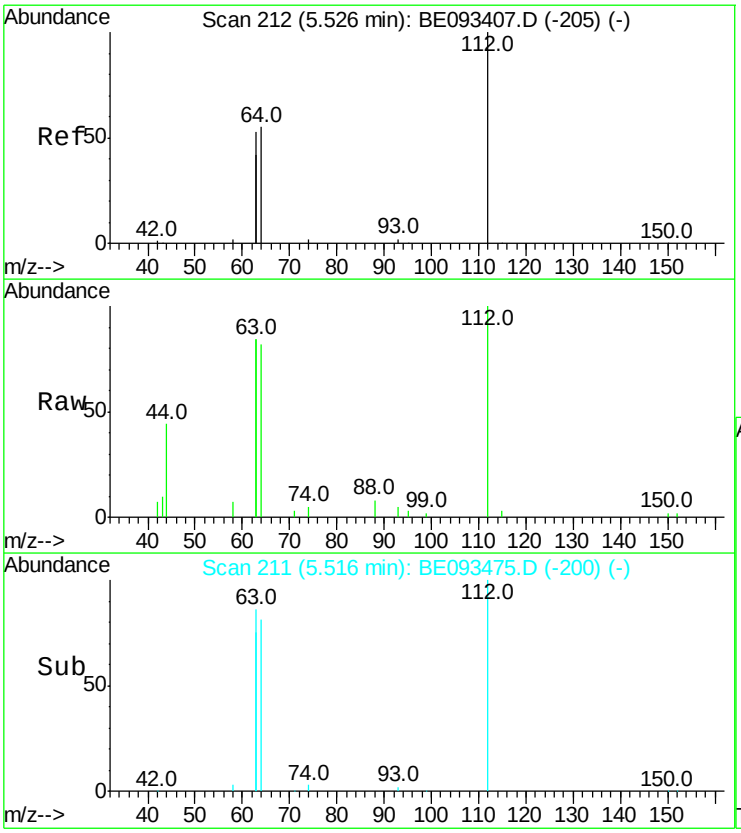
#3
n-Nitrosodimethylamine
Concen: 0.408 ng
RT: 3.77 min Scan# 72
Delta R.T. 0.00 min
Lab File: BE093475.D
Acq: 14 Jul 2017 18:37

Instrument :
BNA_E
ClientSampleId :

Tgt Ion: 42 Resp: 1917

Ion	Ratio	Lower	Upper
42	100		
74	128.4	99.1	148.7
44	11.4	7.4	11.2#

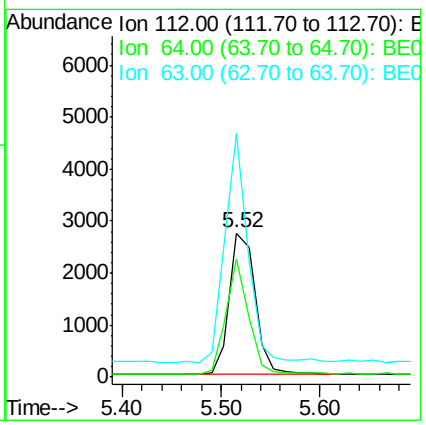


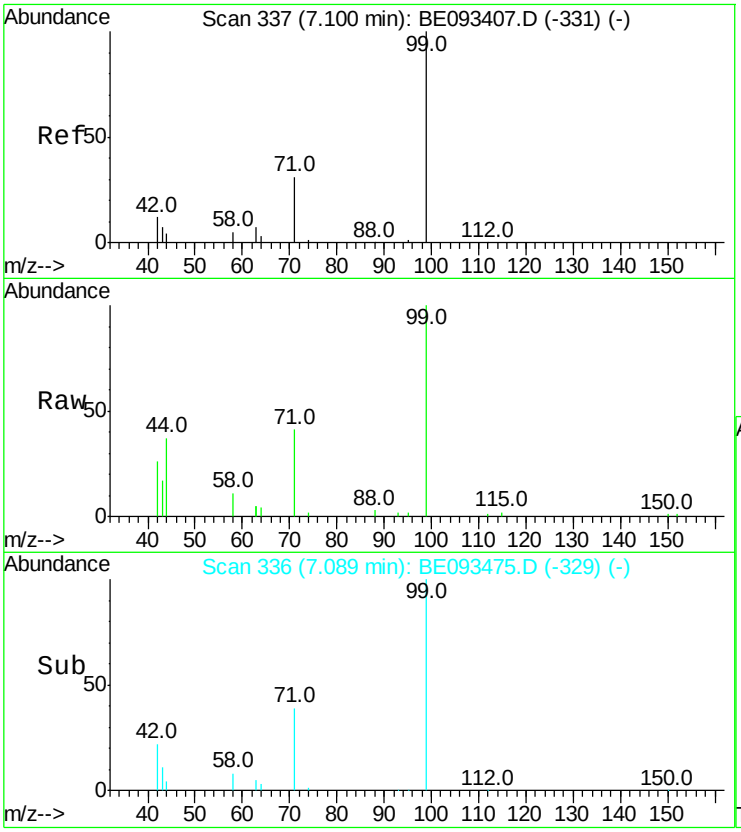


#4
2-Fluorophenol
Concen: 0.376 ng
RT: 5.52 min Scan# 211
Delta R.T. -0.01 min
Lab File: BE093475.D
Acq: 14 Jul 2017 18:37

Tgt Ion:112 Resp: 4957

Ion	Ratio	Lower	Upper
112	100		
64	70.8	56.4	84.6
63	144.3	29.3	43.9#



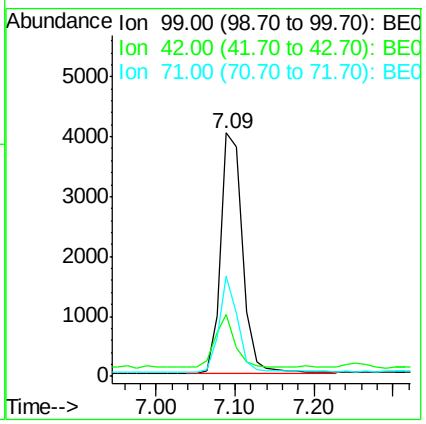


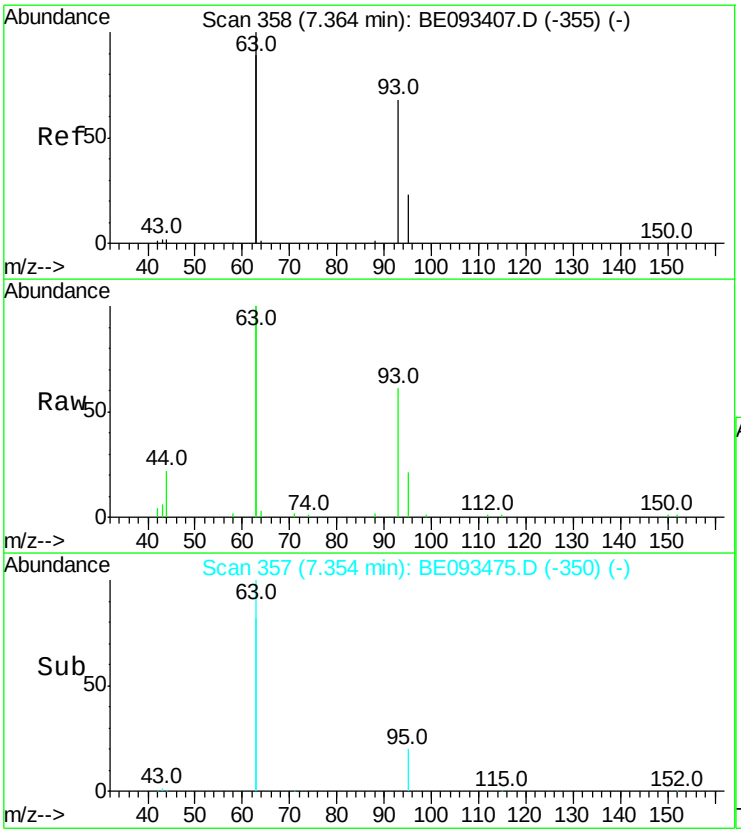
#5
Phenol-d6
Concen: 0.400 ng
RT: 7.09 min Scan# 336
Delta R.T. -0.01 min
Lab File: BE093475.D
Acq: 14 Jul 2017 18:37

Instrument :
BNA_E
ClientSampleId :

Tgt Ion: 99 Resp: 7775

Ion	Ratio	Lower	Upper
99	100		
42	20.0	0.0	0.0#
71	34.8	0.0	0.0#

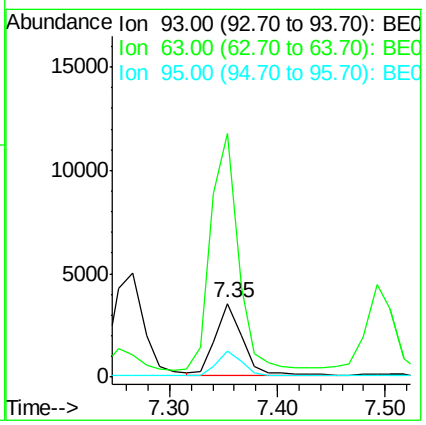


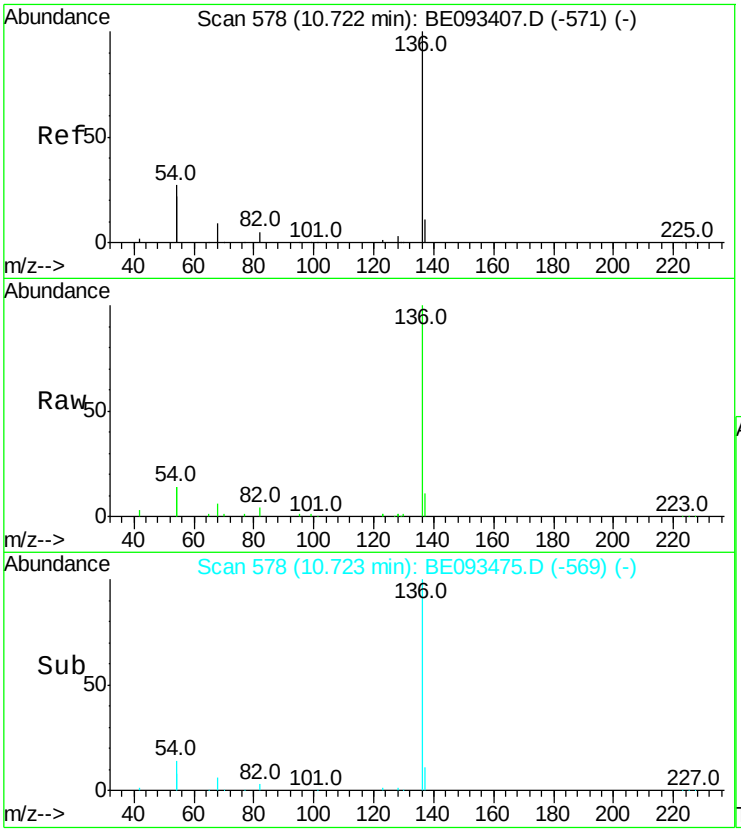


#6
bis(2-Chloroethyl)ether
Concen: 0.401 ng
RT: 7.35 min Scan# 357
Delta R.T. -0.01 min
Lab File: BE093475.D
Acq: 14 Jul 2017 18:37

Tgt Ion: 93 Resp: 5874

Ion	Ratio	Lower	Upper
93	100		
63	347.2	0.0	0.0#
95	33.2	25.4	38.0



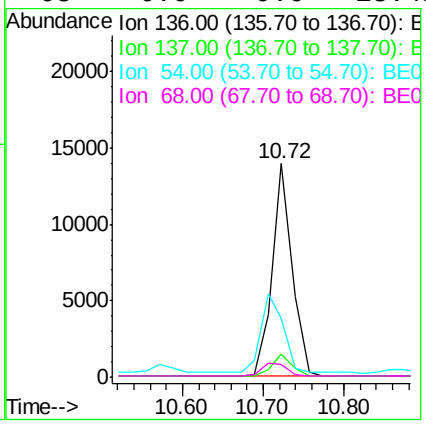


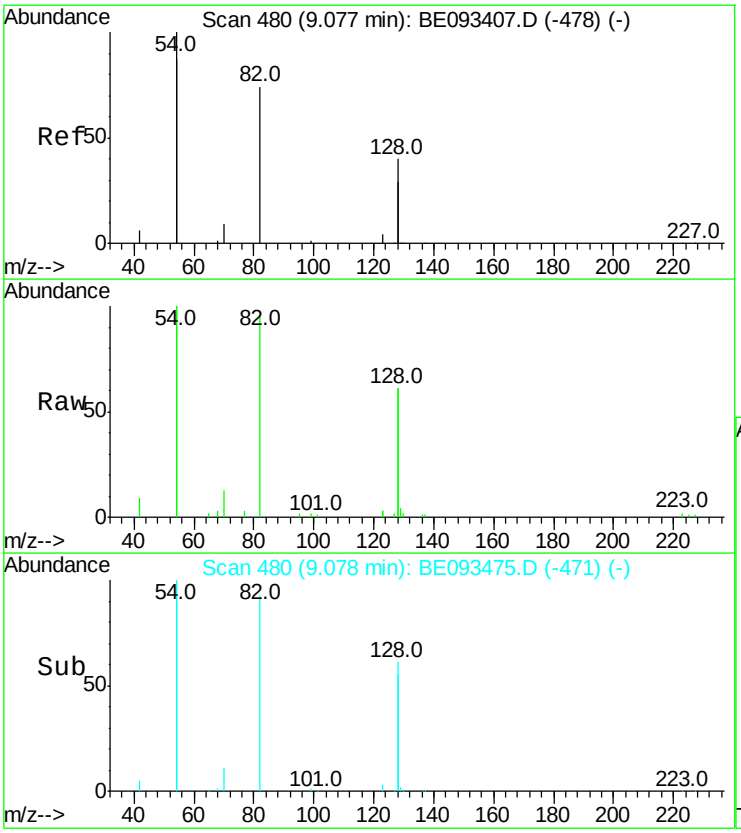
#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.72 min Scan# 578
Delta R.T. 0.00 min
Lab File: BE093475.D
Acq: 14 Jul 2017 18:37

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:136 Resp: 23873

Ion	Ratio	Lower	Upper
136	100		
137	11.0	9.8	14.8
54	27.5	10.3	15.5#
68	6.0	9.0	13.4#

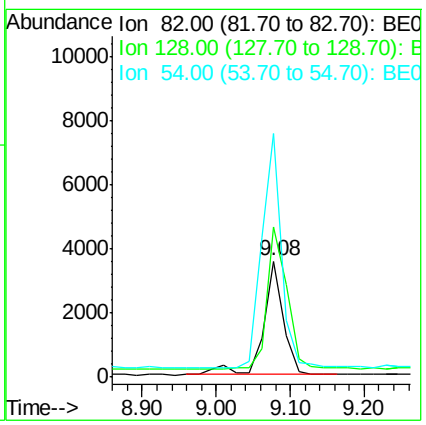


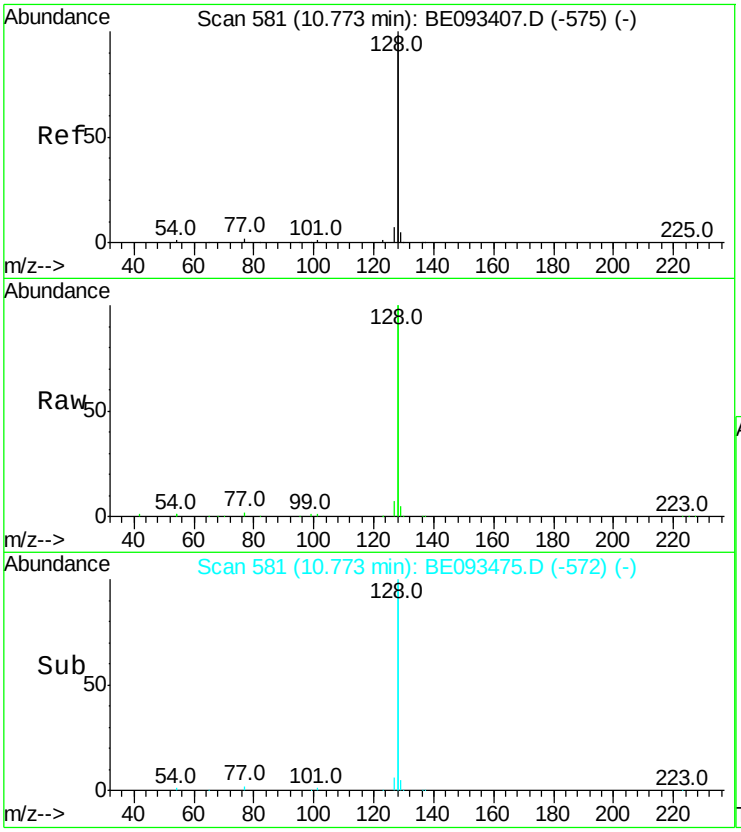


#8
Nitrobenzene-d5
Concen: 0.435 ng
RT: 9.08 min Scan# 480
Delta R.T. 0.00 min
Lab File: BE093475.D
Acq: 14 Jul 2017 18:37

Tgt Ion: 82 Resp: 6631

Ion	Ratio	Lower	Upper
82	100		
128	129.0	17.0	25.4#
54	209.9	53.8	80.6#



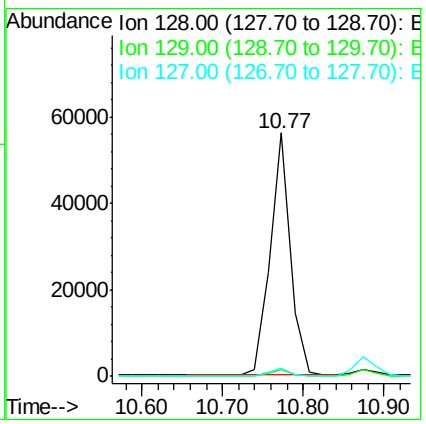


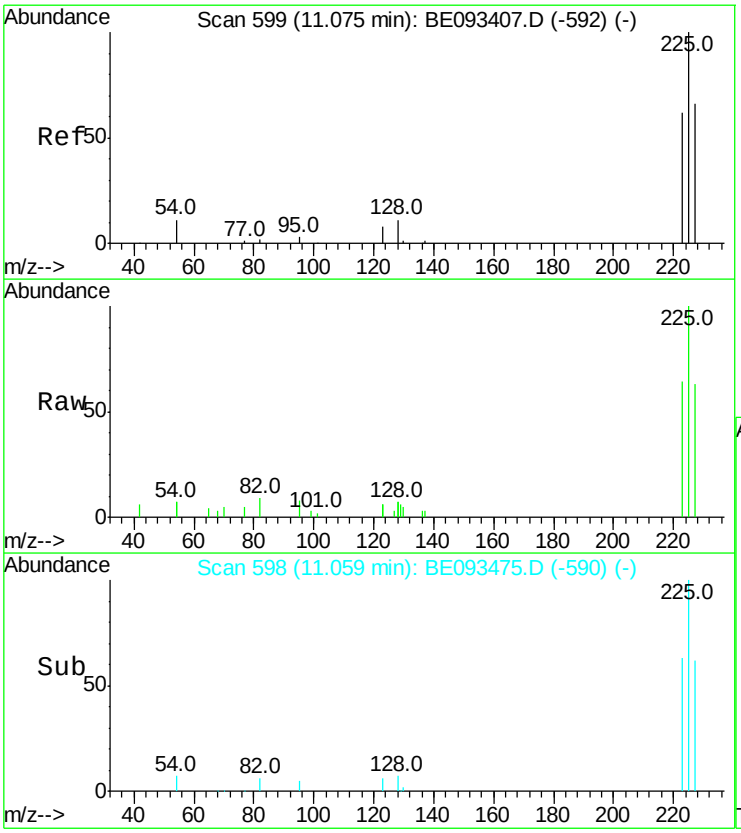
#9
Naphthalene
Concen: 0.388 ng
RT: 10.77 min Scan# 581
Delta R.T. 0.00 min
Lab File: BE093475.D
Acq: 14 Jul 2017 18:37

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:128 Resp: 96939

Ion	Ratio	Lower	Upper
128	100		
129	2.7	11.4	17.0#
127	3.3	11.2	16.8#

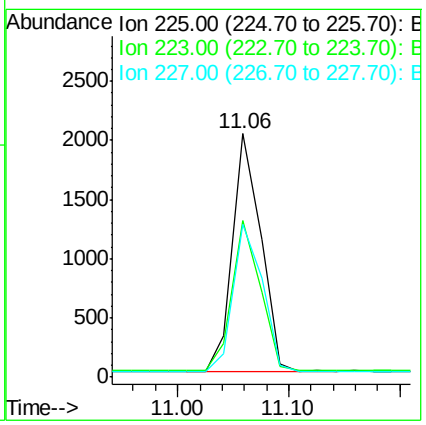


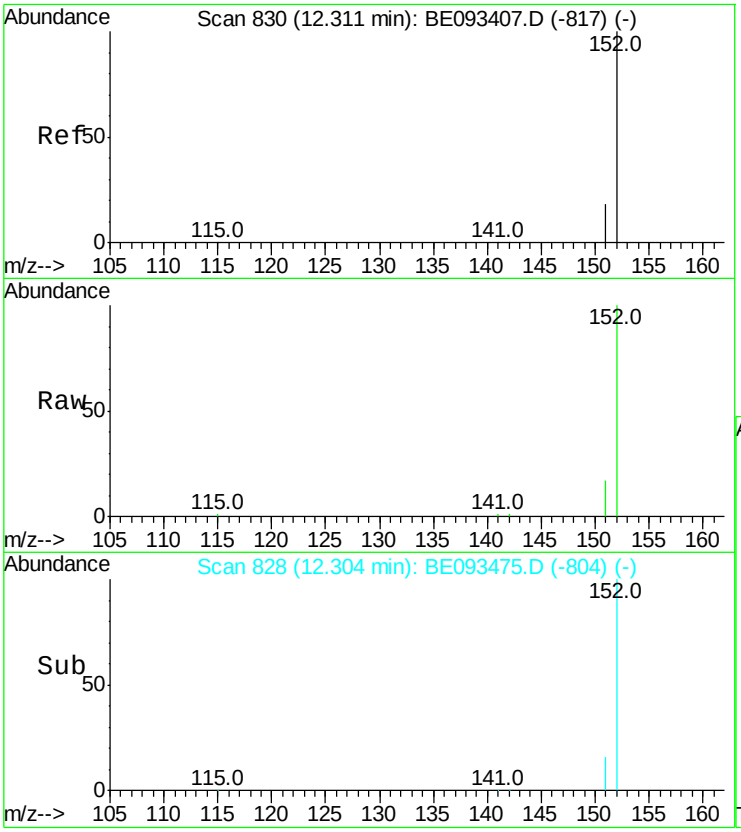


#10
Hexachlorobutadiene
Concen: 0.371 ng
RT: 11.06 min Scan# 598
Delta R.T. -0.02 min
Lab File: BE093475.D
Acq: 14 Jul 2017 18:37

Tgt Ion:225 Resp: 3518

Ion	Ratio	Lower	Upper
225	100		
223	62.8	49.7	74.5
227	64.4	50.3	75.5



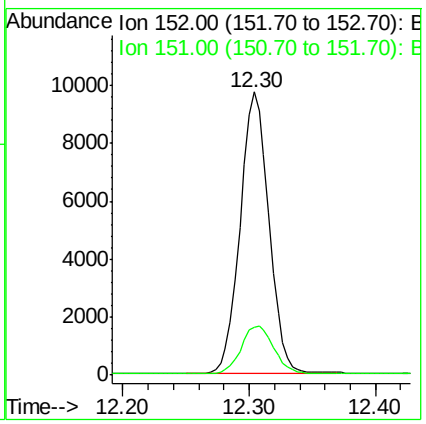


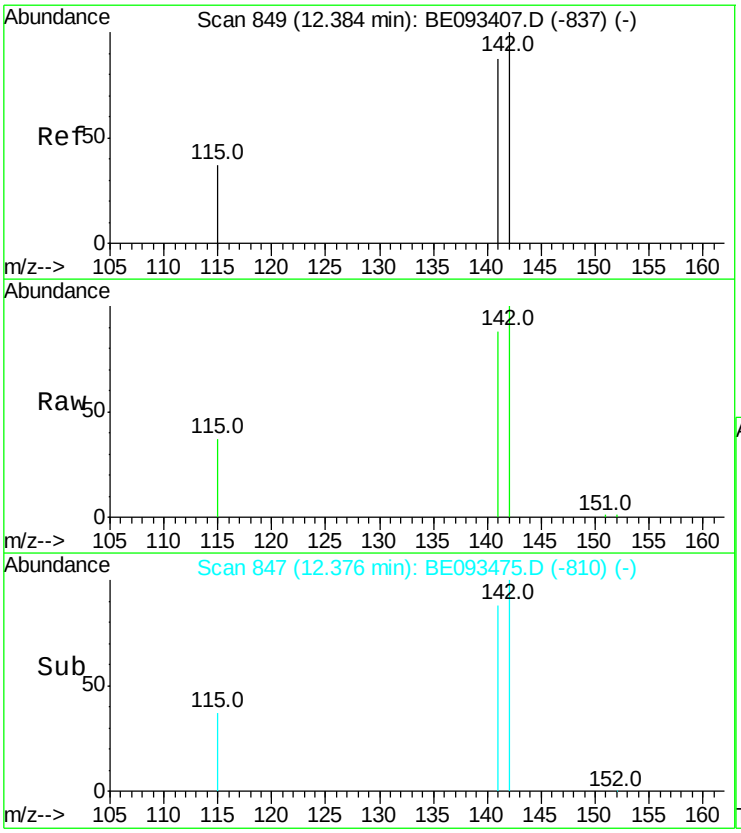
#11
2-Methylnaphthalene-d10
Concen: 0.404 ng
RT: 12.30 min Scan# 828
Delta R.T. -0.01 min
Lab File: BE093475.D
Acq: 14 Jul 2017 18:37

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:152 Resp: 15400

Ion	Ratio	Lower	Upper
152	100		
151	19.1	15.1	22.7

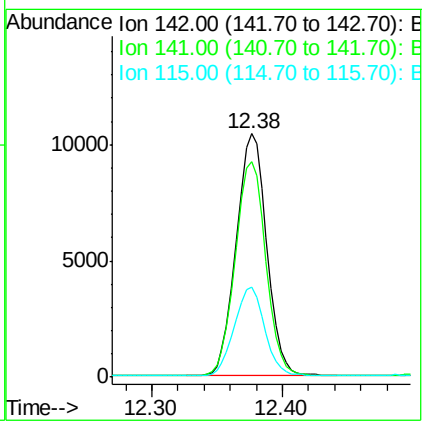


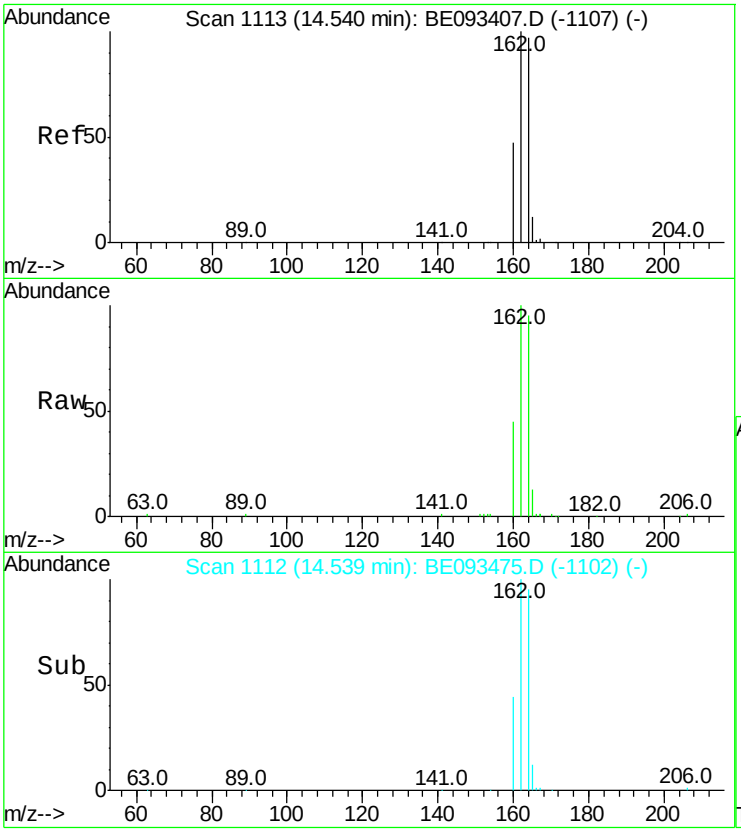


#12
2-Methylnaphthalene
Concen: 0.401 ng
RT: 12.38 min Scan# 847
Delta R.T. -0.01 min
Lab File: BE093475.D
Acq: 14 Jul 2017 18:37

Tgt Ion:142 Resp: 16843

Ion	Ratio	Lower	Upper
142	100		
141	88.5	72.6	108.8
115	37.1	32.2	48.2



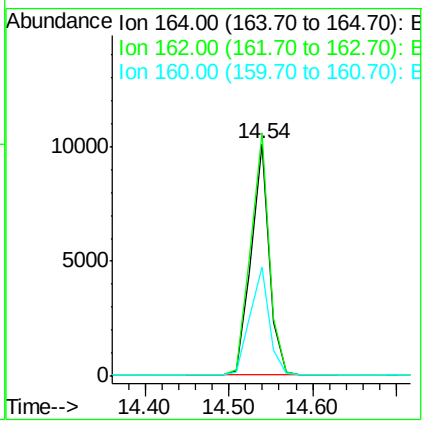


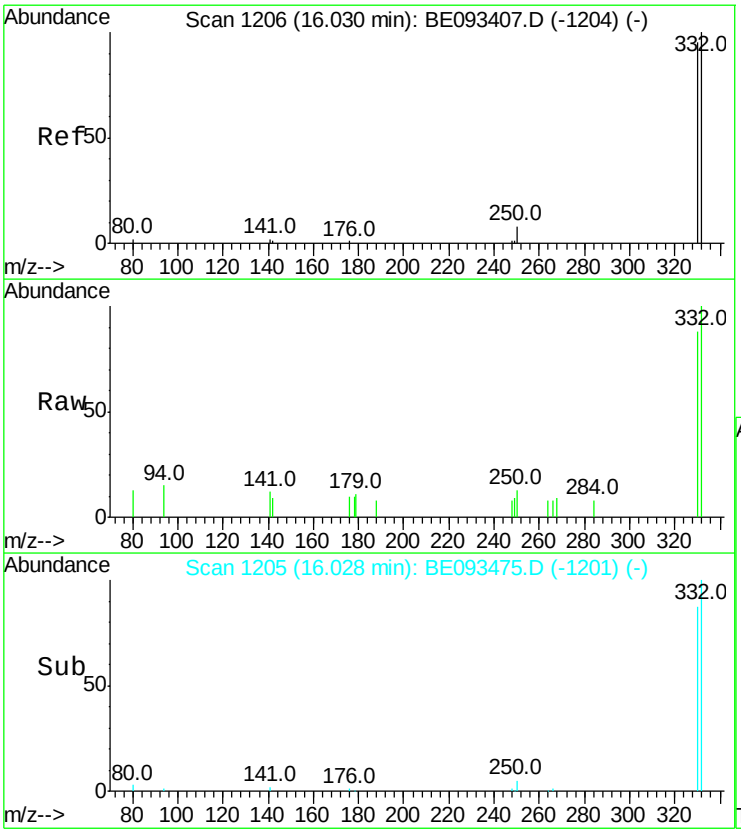
#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.54 min Scan# 1112
Delta R.T. -0.00 min
Lab File: BE093475.D
Acq: 14 Jul 2017 18:37

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:164 Resp: 15287

Ion	Ratio	Lower	Upper
164	100		
162	104.8	84.6	127.0
160	46.9	41.8	62.6

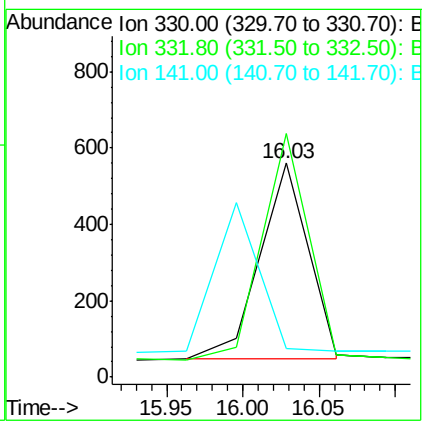


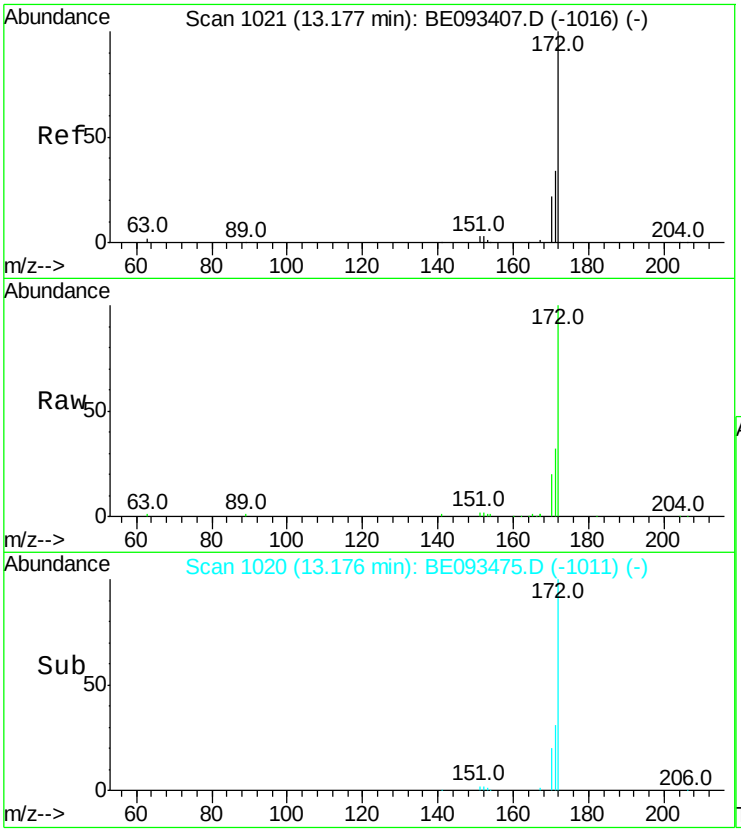


#14
2,4,6-Tribromophenol
Concen: 0.237 ng
RT: 16.03 min Scan# 1205
Delta R.T. -0.00 min
Lab File: BE093475.D
Acq: 14 Jul 2017 18:37

Tgt Ion:330 Resp: 1138

Ion	Ratio	Lower	Upper
330	100		
332	109.5	77.7	116.5
141	0.0	56.2	84.4#



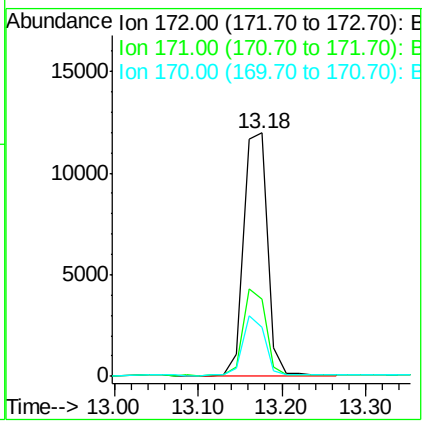


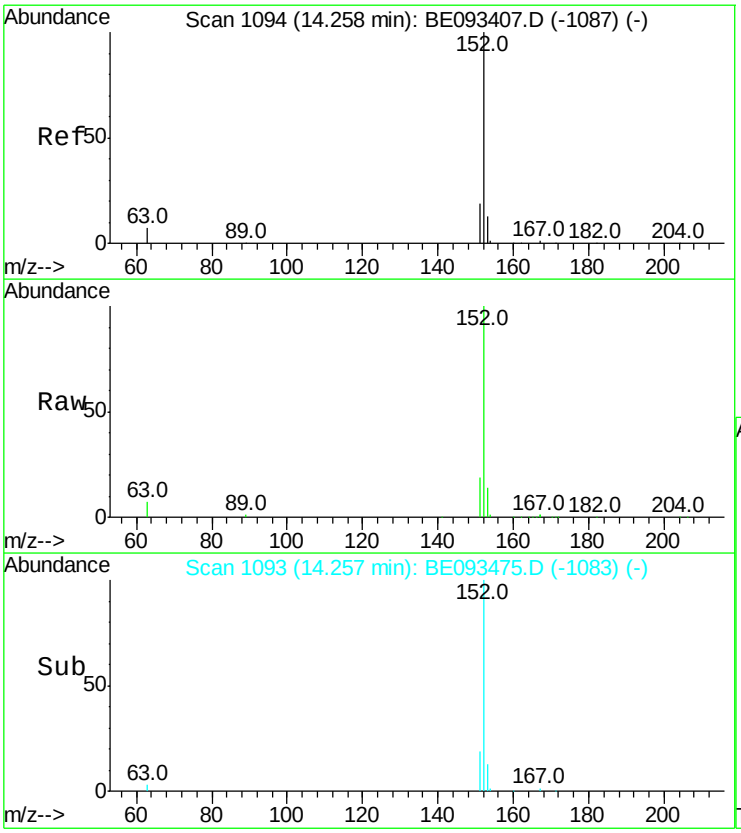
#15
2-Fluorobiphenyl
Concen: 0.393 ng
RT: 13.18 min Scan# 1020
Delta R.T. -0.00 min
Lab File: BE093475.D
Acq: 14 Jul 2017 18:37

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:172 Resp: 23350

Ion	Ratio	Lower	Upper
172	100		
171	31.6	29.8	44.6
170	20.3	20.7	31.1#

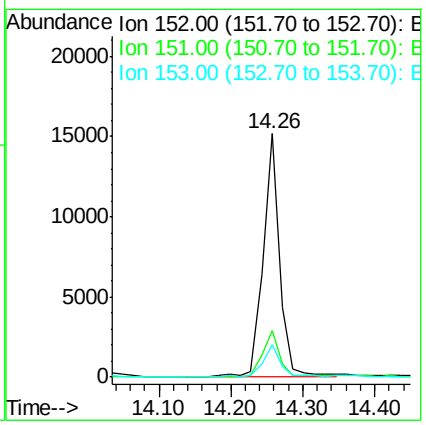


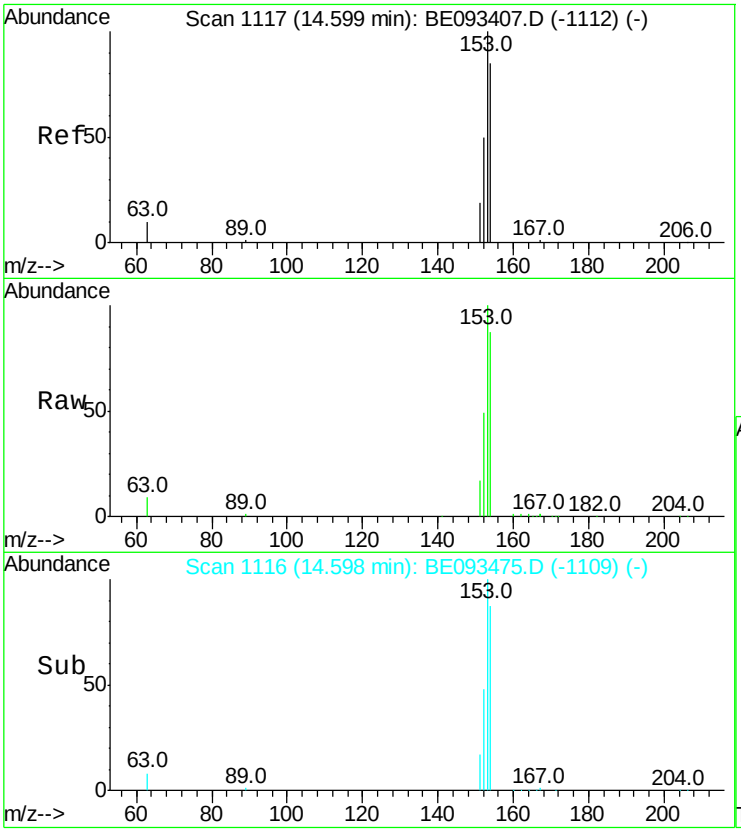


#16
Acenaphthylene
Concen: 0.381 ng
RT: 14.26 min Scan# 1093
Delta R.T. -0.00 min
Lab File: BE093475.D
Acq: 14 Jul 2017 18:37

Tgt Ion:152 Resp: 24271

Ion	Ratio	Lower	Upper
152	100		
151	19.1	4.0	6.0#
153	13.0	10.3	15.5



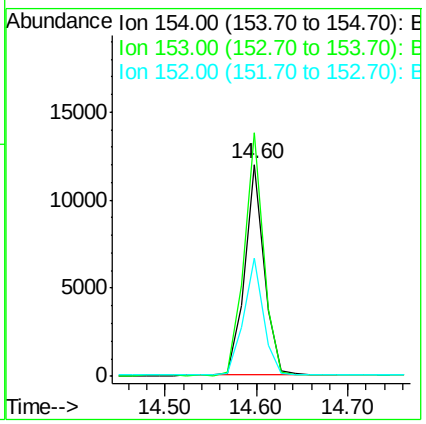


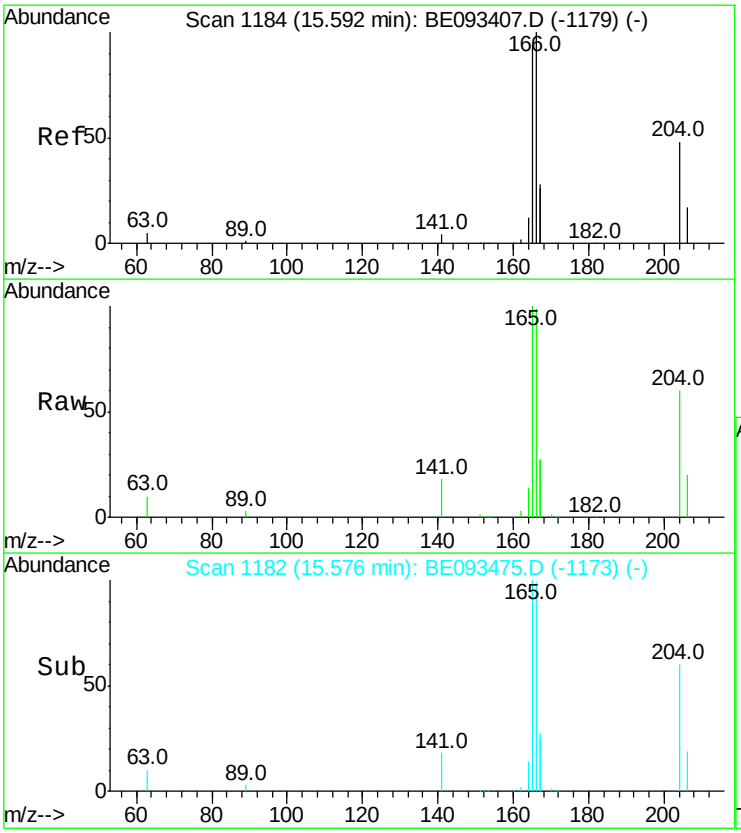
#17
Acenaphthene
Concen: 0.383 ng
RT: 14.60 min Scan# 1116
Delta R.T. -0.00 min
Lab File: BE093475.D
Acq: 14 Jul 2017 18:37

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:154 Resp: 17865

Ion	Ratio	Lower	Upper
154	100		
153	115.0	91.2	136.8
152	56.3	44.8	67.2

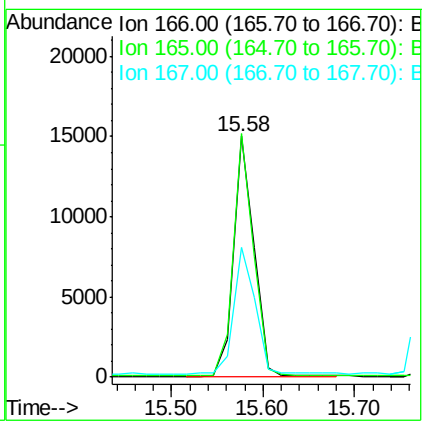


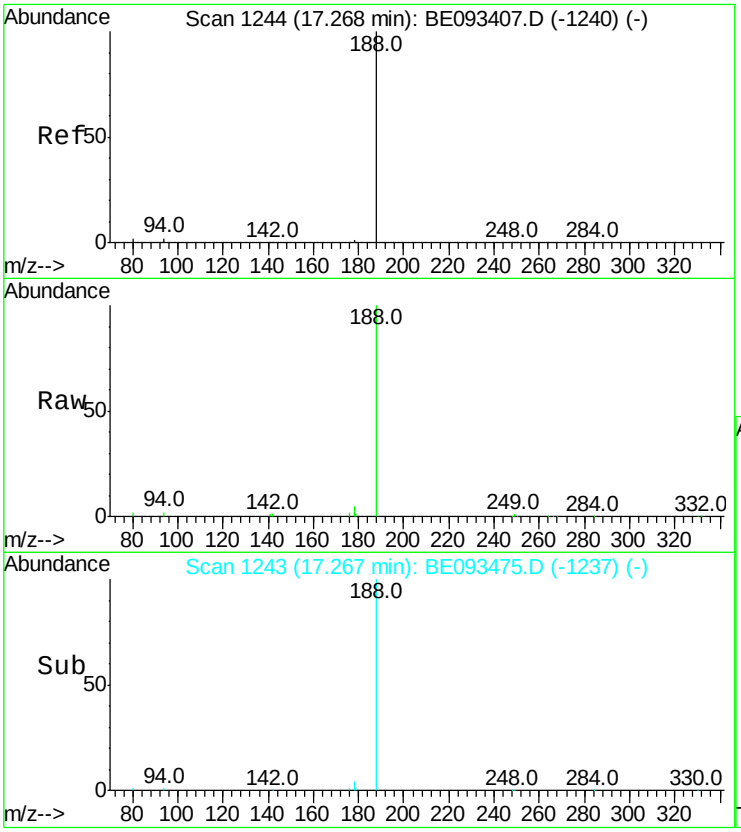


#18
Fluorene
Concen: 0.362 ng
RT: 15.58 min Scan# 1182
Delta R.T. -0.02 min
Lab File: BE093475.D
Acq: 14 Jul 2017 18:37

Tgt Ion:166 Resp: 23142

Ion	Ratio	Lower	Upper
166	100		
165	99.2	78.6	117.8
167	54.7	11.1	16.7#



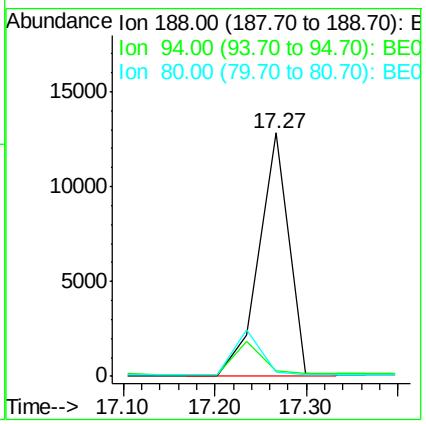


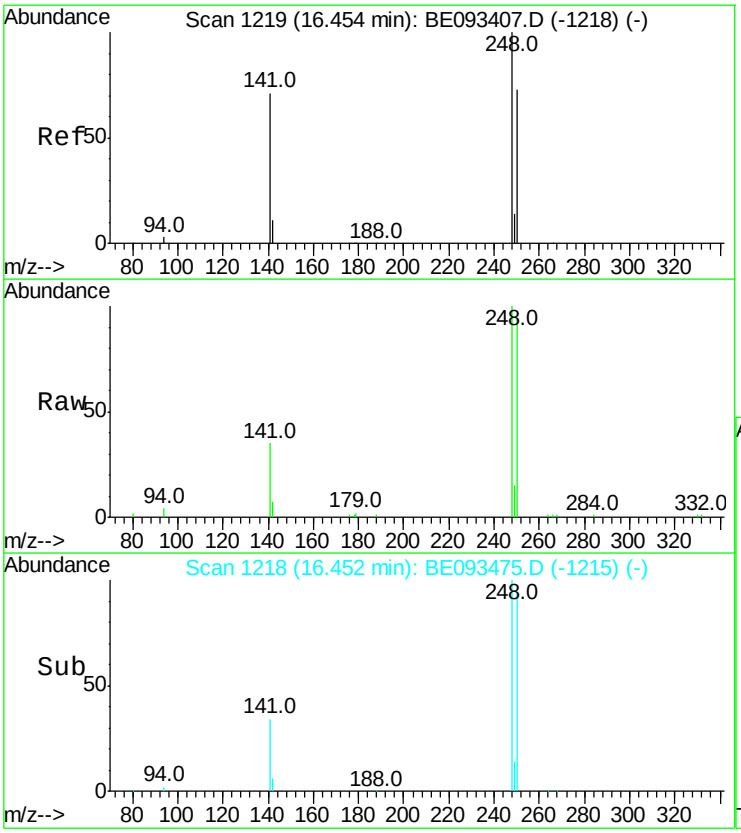
#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.27 min Scan# 1243
Delta R.T. -0.00 min
Lab File: BE093475.D
Acq: 14 Jul 2017 18:37

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:188 Resp: 29399

Ion	Ratio	Lower	Upper
188	100		
94	2.1	11.3	16.9#
80	1.6	11.7	17.5#

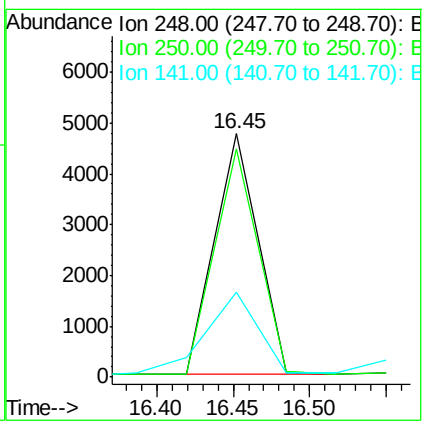


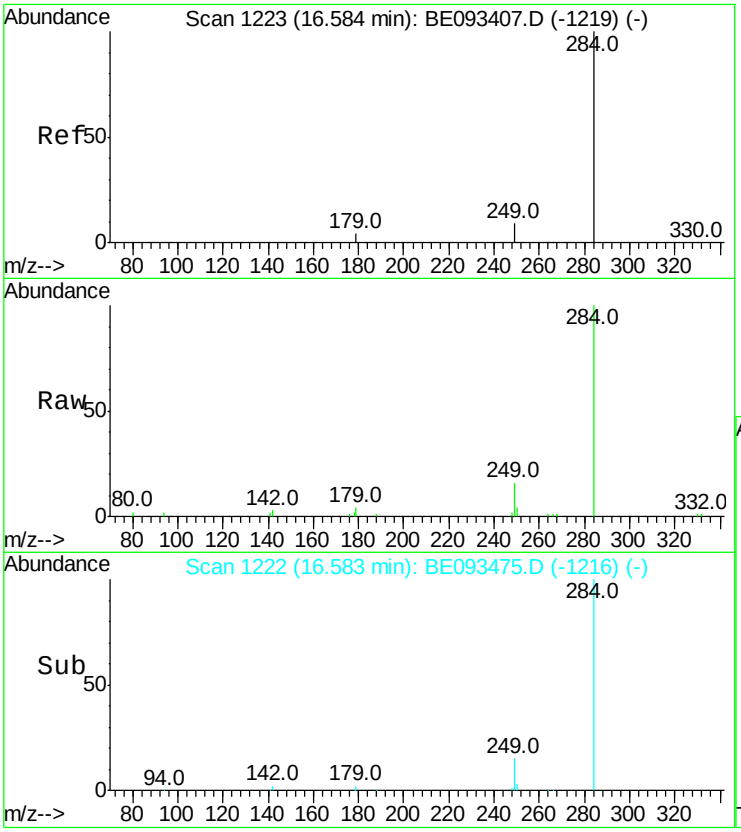


#20
4-Bromophenyl-phenylether
Concen: 0.577 ng
RT: 16.45 min Scan# 1218
Delta R.T. -0.00 min
Lab File: BE093475.D
Acq: 14 Jul 2017 18:37

Tgt Ion:248 Resp: 9305

Ion	Ratio	Lower	Upper
248	100		
250	93.8	40.8	61.2#
141	34.7	161.6	242.4#



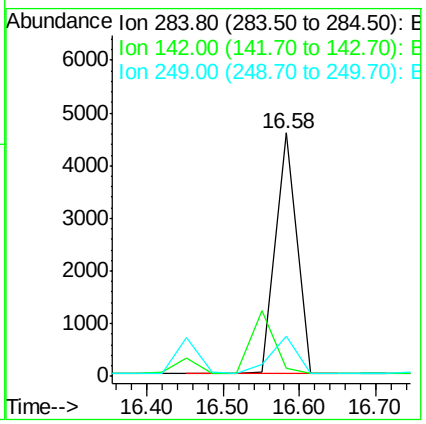


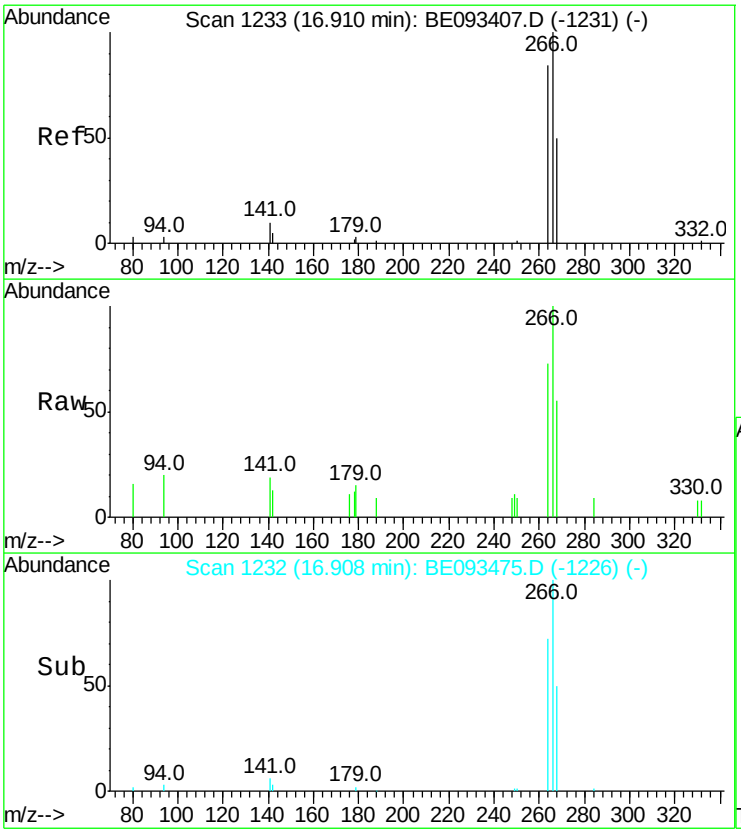
#21
Hexachlorobenzene
Concen: 0.521 ng
RT: 16.58 min Scan# 1222
Delta R.T. -0.00 min
Lab File: BE093475.D
Acq: 14 Jul 2017 18:37

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:284 Resp: 9059

Ion	Ratio	Lower	Upper
284	100		
142	0.0	0.0	0.0
249	18.3	0.0	0.0#

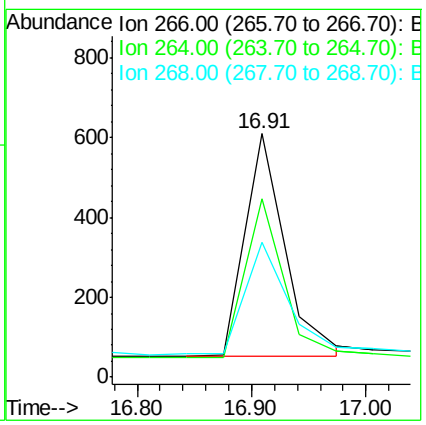


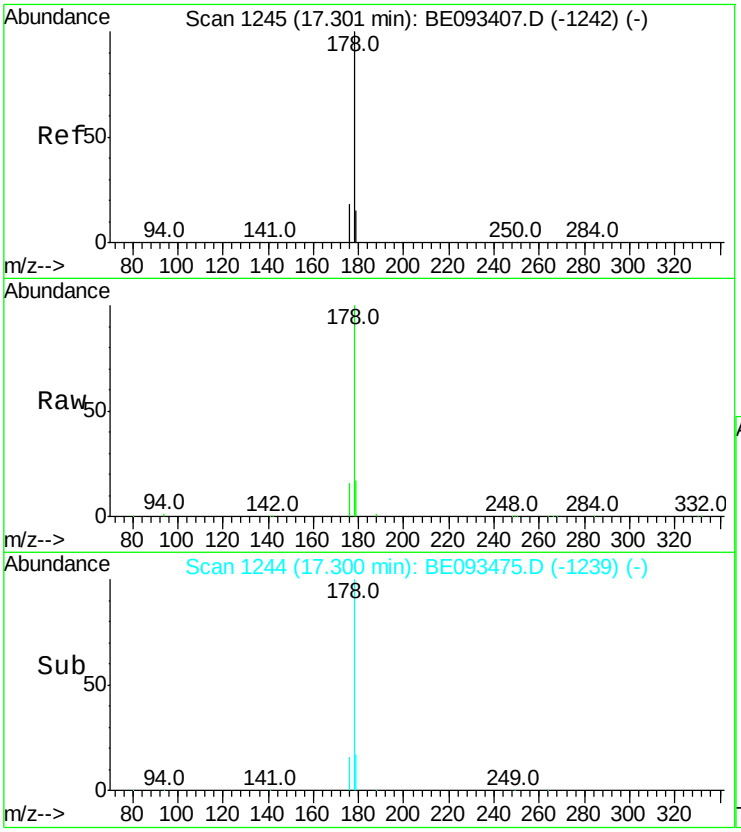


#22
Pentachlorophenol
Concen: 0.595 ng
RT: 16.91 min Scan# 1232
Delta R.T. -0.00 min
Lab File: BE093475.D
Acq: 14 Jul 2017 18:37

Tgt Ion:266 Resp: 1346

Ion	Ratio	Lower	Upper
266	100		
264	73.4	58.2	87.2
268	55.4	71.9	107.9#



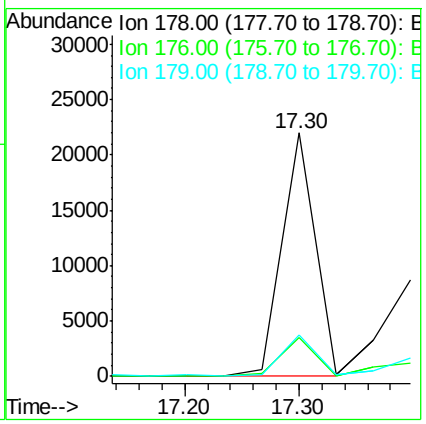


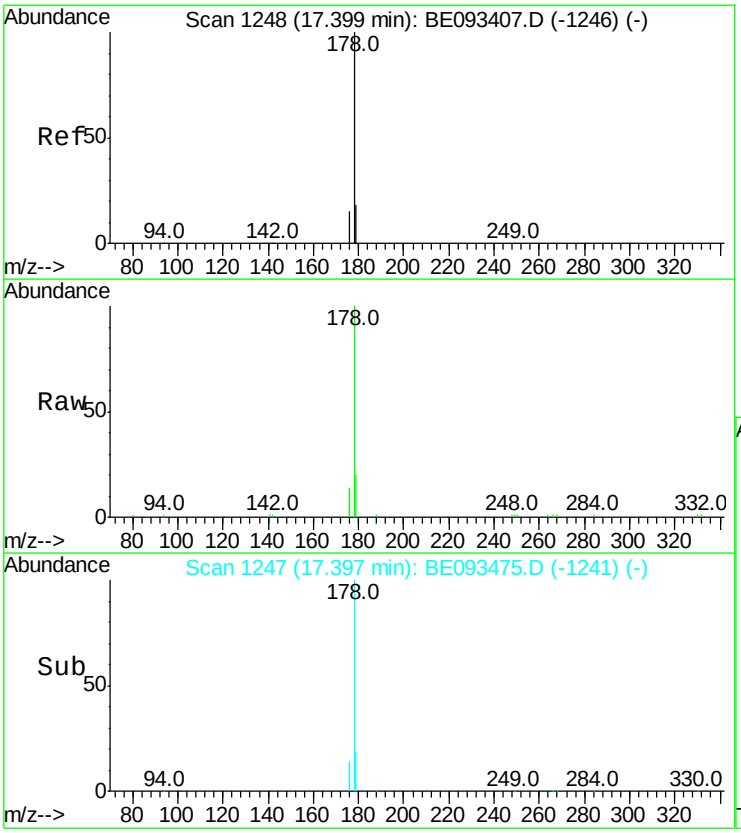
#23
Phenanthrene
Concen: 0.414 ng
RT: 17.30 min Scan# 1244
Delta R.T. -0.00 min
Lab File: BE093475.D
Acq: 14 Jul 2017 18:37

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:178 Resp: 44206

Ion	Ratio	Lower	Upper
178	100		
176	16.3	15.0	22.4
179	16.7	12.7	19.1

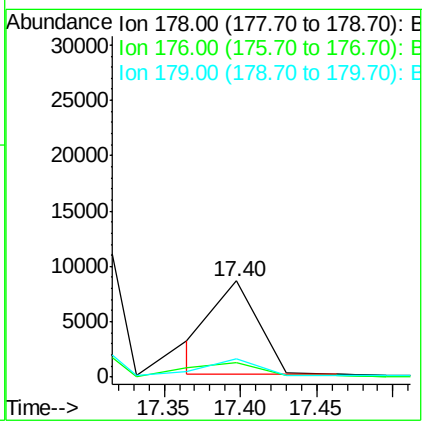


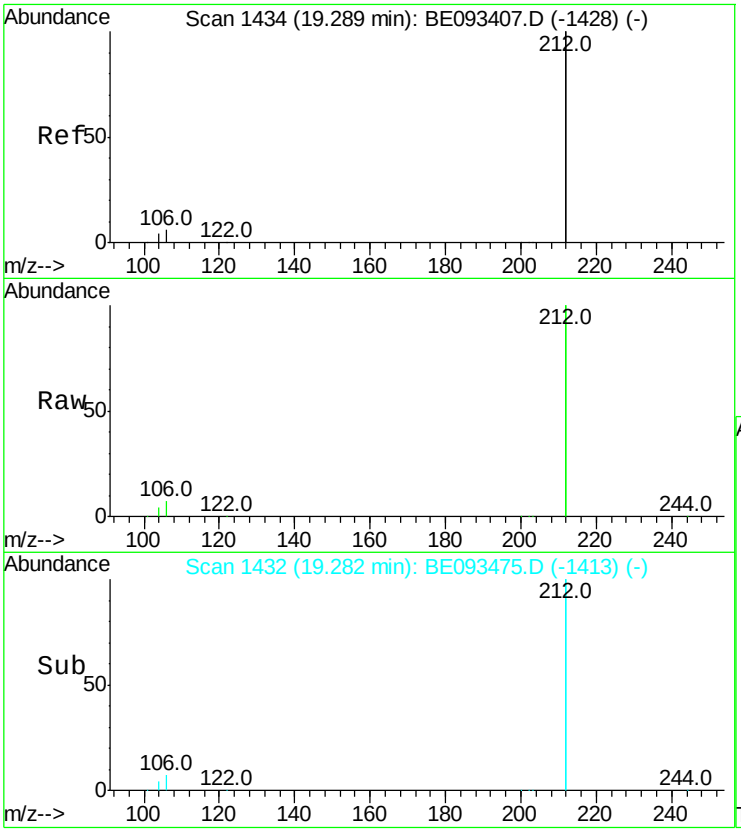


#24
Anthracene
Concen: 0.257 ng
RT: 17.40 min Scan# 1247
Delta R.T. -0.00 min
Lab File: BE093475.D
Acq: 14 Jul 2017 18:37

Tgt Ion:178 Resp: 16853

Ion	Ratio	Lower	Upper
178	100		
176	0.0	14.6	22.0#
179	18.5	12.0	18.0#



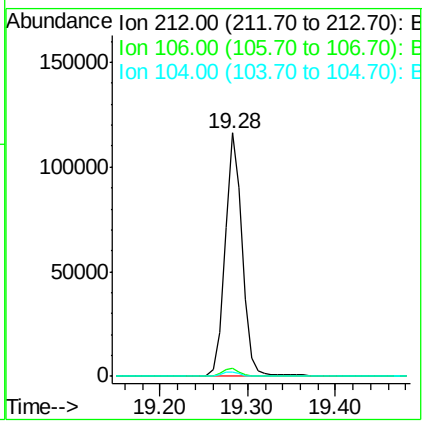


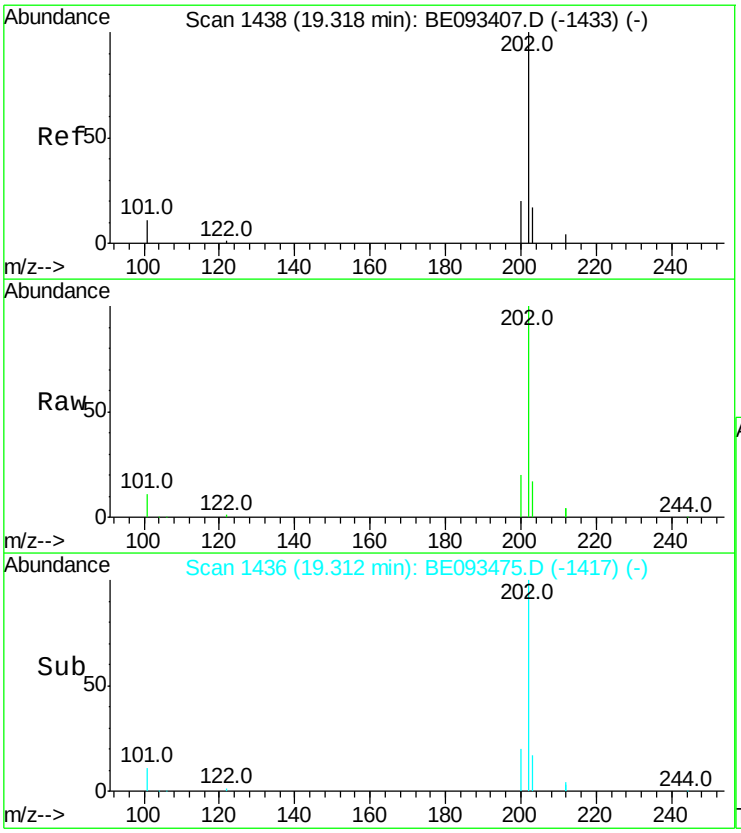
#25
Fluoranthene-d10
Concen: 0.443 ng
RT: 19.28 min Scan# 1432
Delta R.T. -0.01 min
Lab File: BE093475.D
Acq: 14 Jul 2017 18:37

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:212 Resp: 157182

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

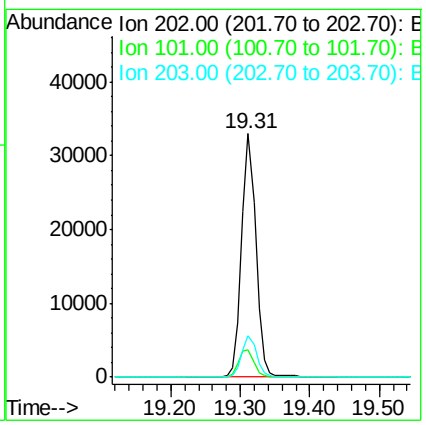


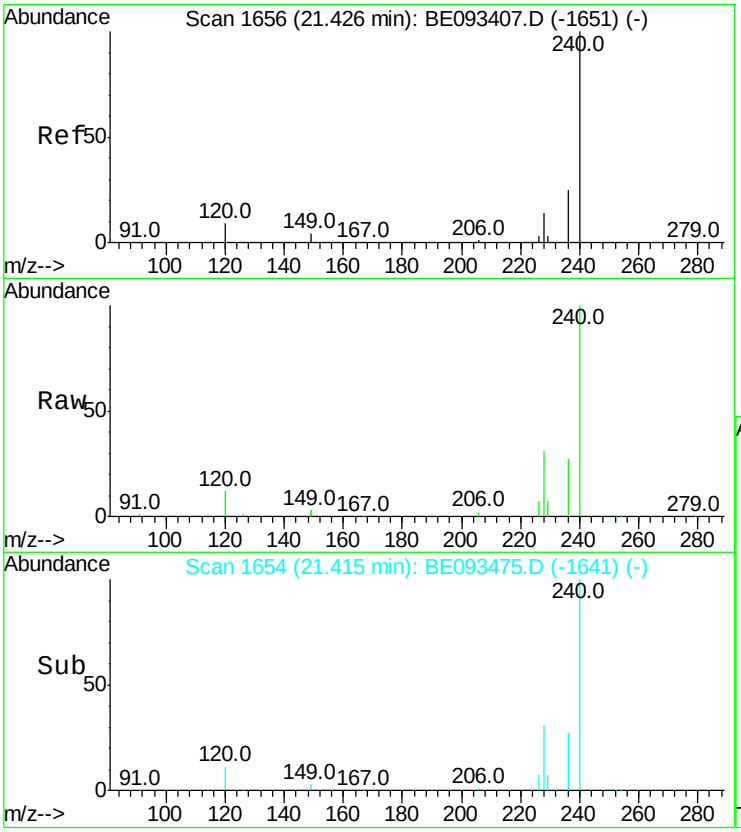


#26
Fluoranthene
Concen: 0.447 ng
RT: 19.31 min Scan# 1436
Delta R.T. -0.01 min
Lab File: BE093475.D
Acq: 14 Jul 2017 18:37

Tgt Ion:202 Resp: 44897

Ion	Ratio	Lower	Upper
202	100		
101	12.0	9.6	14.4
203	16.9	14.4	21.6



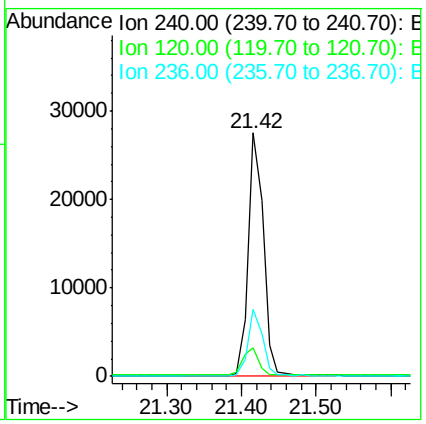


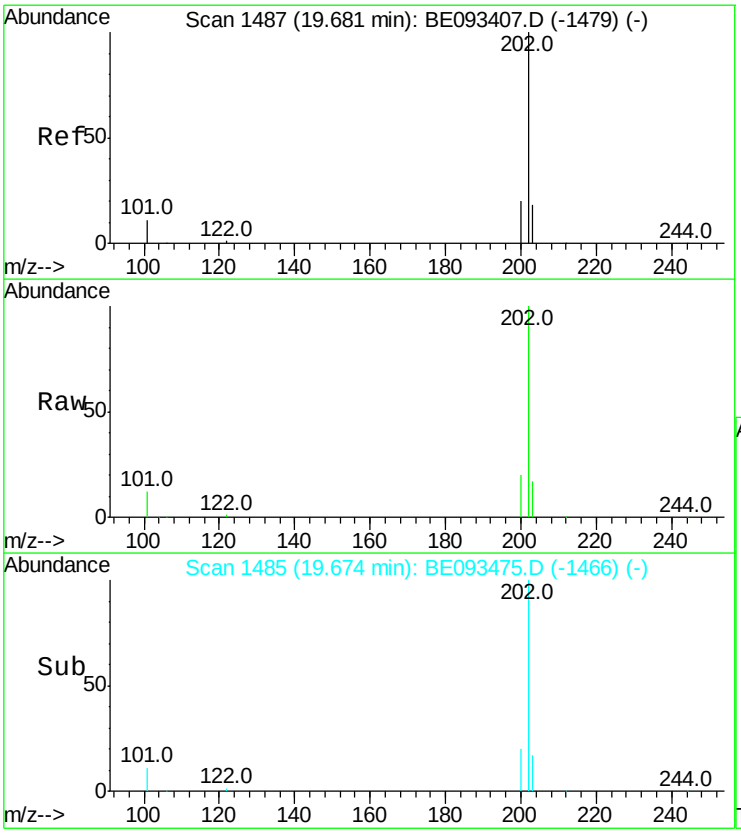
#27
Chrysene-d12
Concen: 0.400 ng
RT: 21.42 min Scan# 1654
Delta R.T. -0.01 min
Lab File: BE093475.D
Acq: 14 Jul 2017 18:37

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:240 Resp: 39078

Ion	Ratio	Lower	Upper
240	100		
120	11.8	4.6	7.0#
236	27.3	20.8	31.2

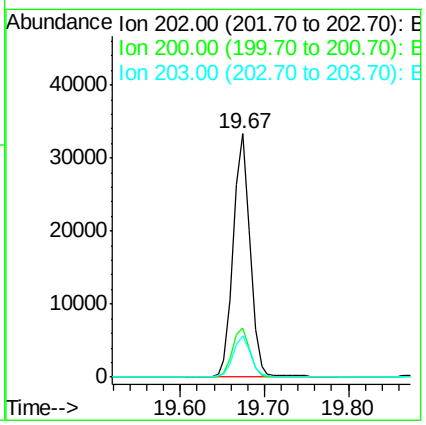


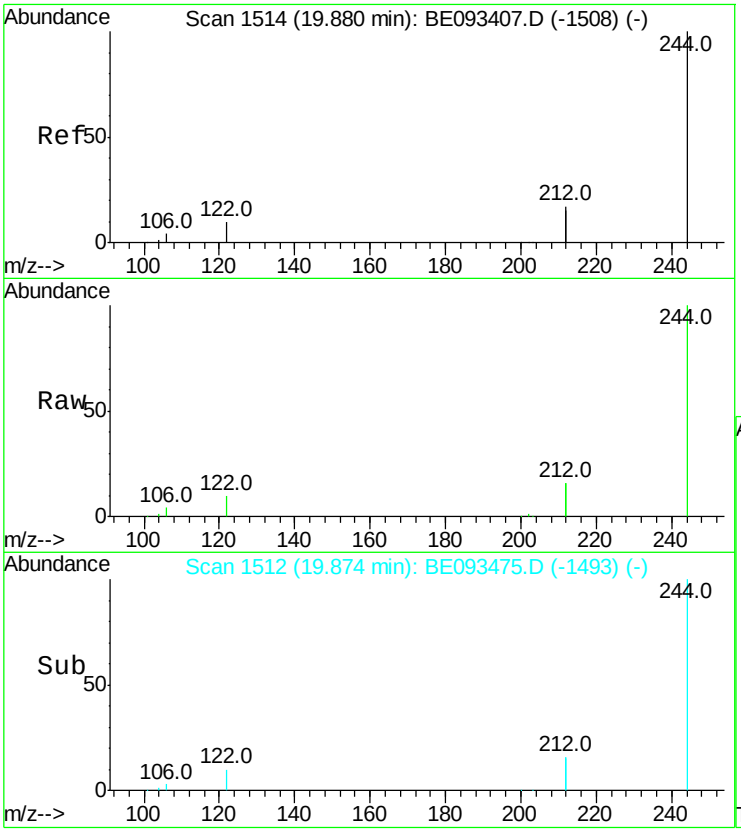


#28
Pyrene
Concen: 0.413 ng
RT: 19.67 min Scan# 1485
Delta R.T. -0.01 min
Lab File: BE093475.D
Acq: 14 Jul 2017 18:37

Tgt Ion:202 Resp: 45334

Ion	Ratio	Lower	Upper
202	100		
200	20.7	0.0	0.0#
203	17.2	13.7	20.5



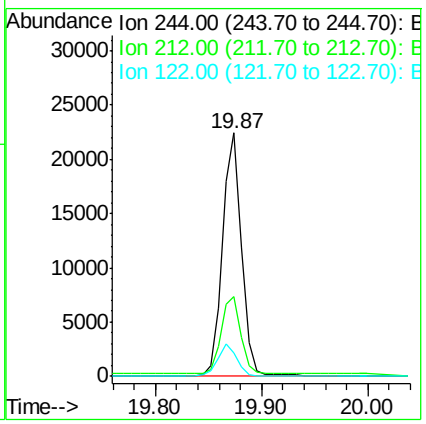


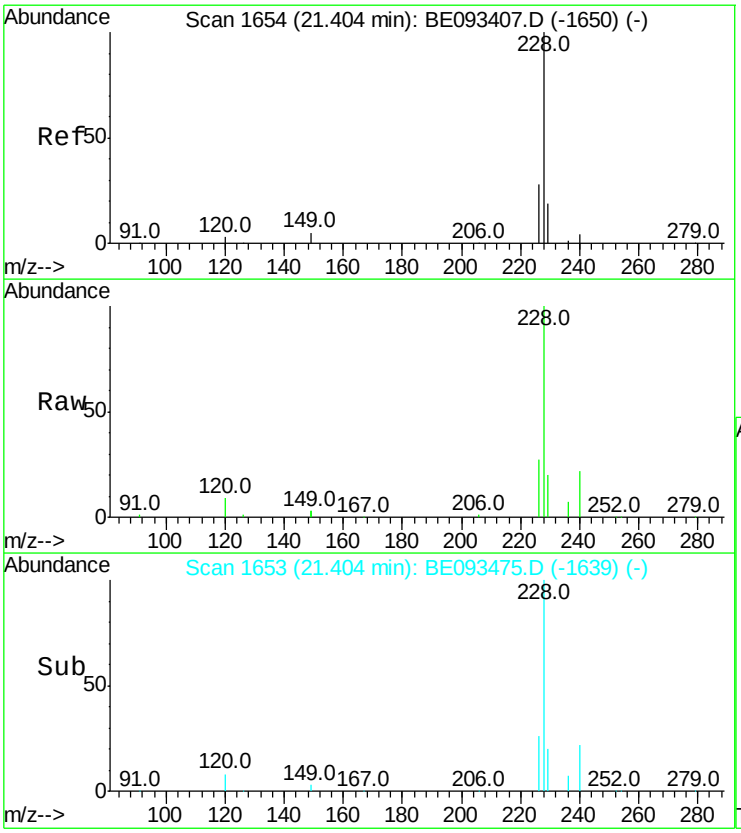
#29
Terphenyl-d14
Concen: 0.403 ng
RT: 19.87 min Scan# 1512
Delta R.T. -0.01 min
Lab File: BE093475.D
Acq: 14 Jul 2017 18:37

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:244 Resp: 28147

Ion	Ratio	Lower	Upper
244	100		
212	32.5	10.6	16.0#
122	9.8	15.4	23.0#

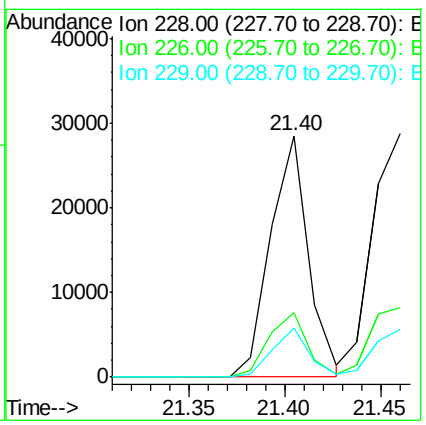


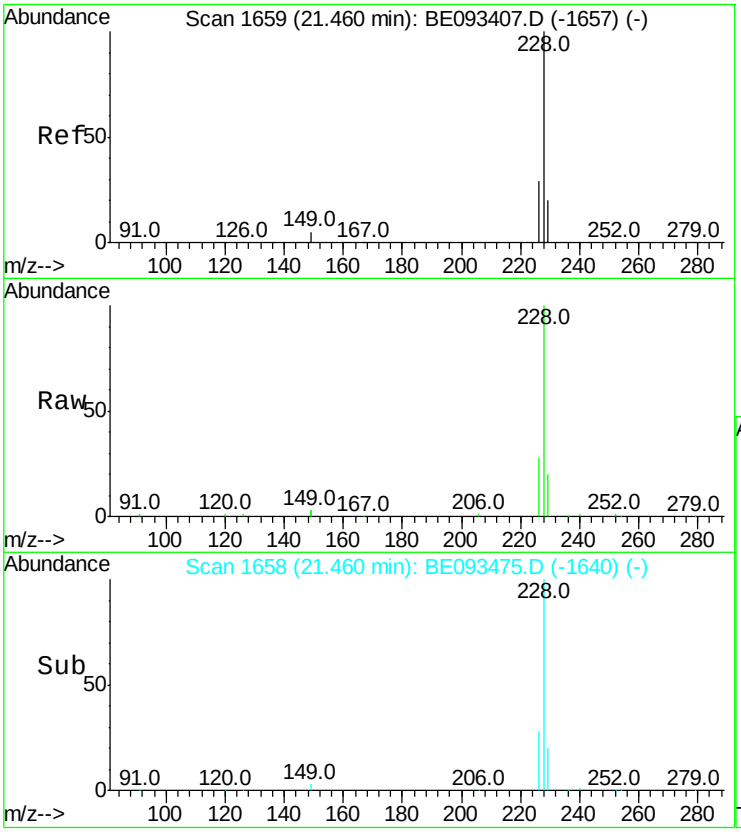


#30
Benzo(a)anthracene
Concen: 0.370 ng
RT: 21.40 min Scan# 1653
Delta R.T. 0.00 min
Lab File: BE093475.D
Acq: 14 Jul 2017 18:37

Tgt Ion:228 Resp: 39029

Ion	Ratio	Lower	Upper
228	100		
226	26.6	19.7	29.5
229	20.3	19.2	28.8



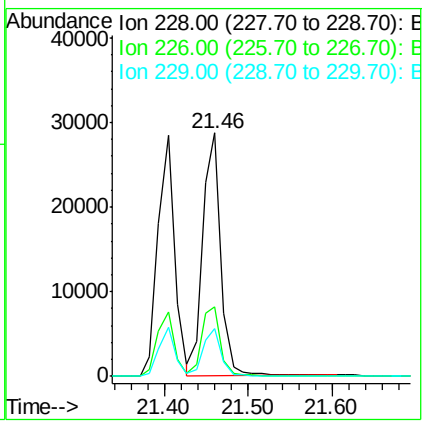


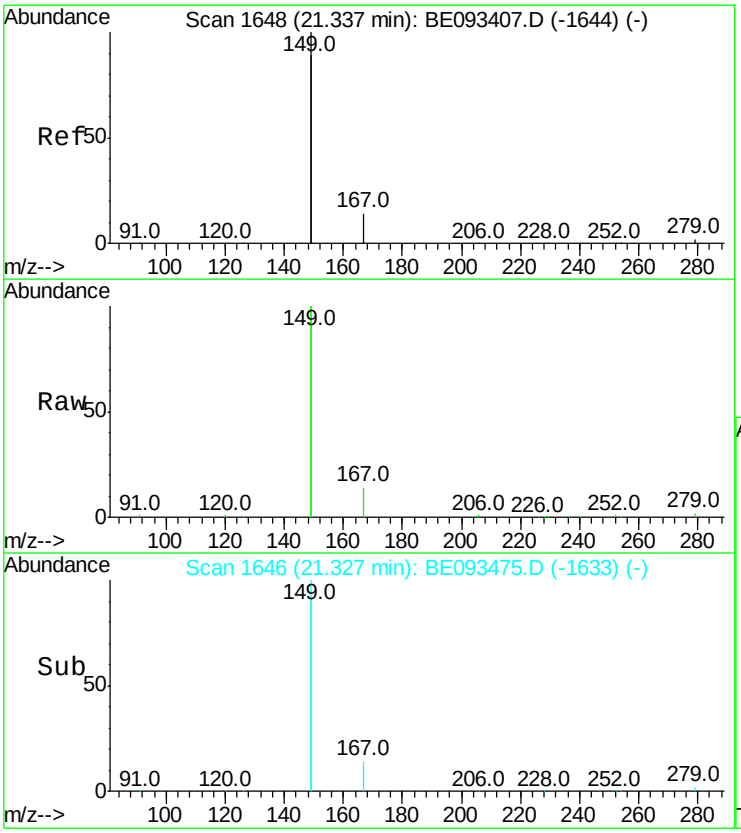
#31
Chrysene
Concen: 0.394 ng
RT: 21.46 min Scan# 1658
Delta R.T. 0.00 min
Lab File: BE093475.D
Acq: 14 Jul 2017 18:37

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:228 Resp: 43426

Ion	Ratio	Lower	Upper
228	100		
226	28.3	21.5	32.3
229	19.7	18.6	28.0

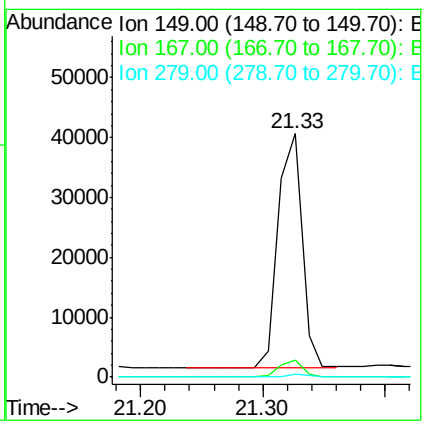


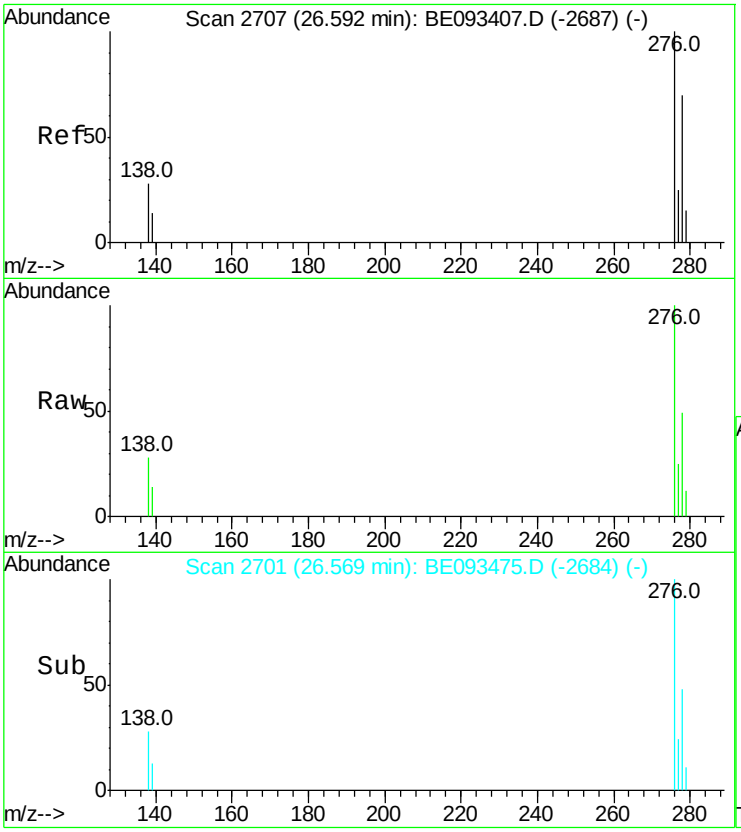


#32
Bis(2-ethylhexyl)phthalate
Concen: 0.351 ng
RT: 21.33 min Scan# 1646
Delta R.T. -0.01 min
Lab File: BE093475.D
Acq: 14 Jul 2017 18:37

Tgt Ion:149 Resp: 53392

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



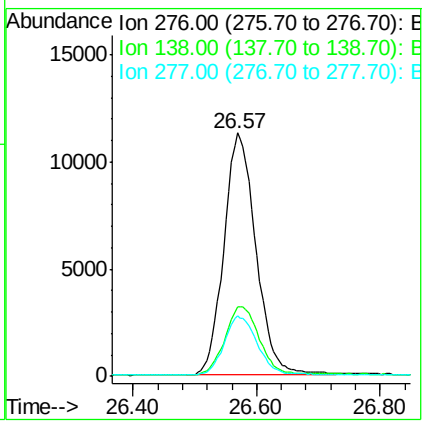


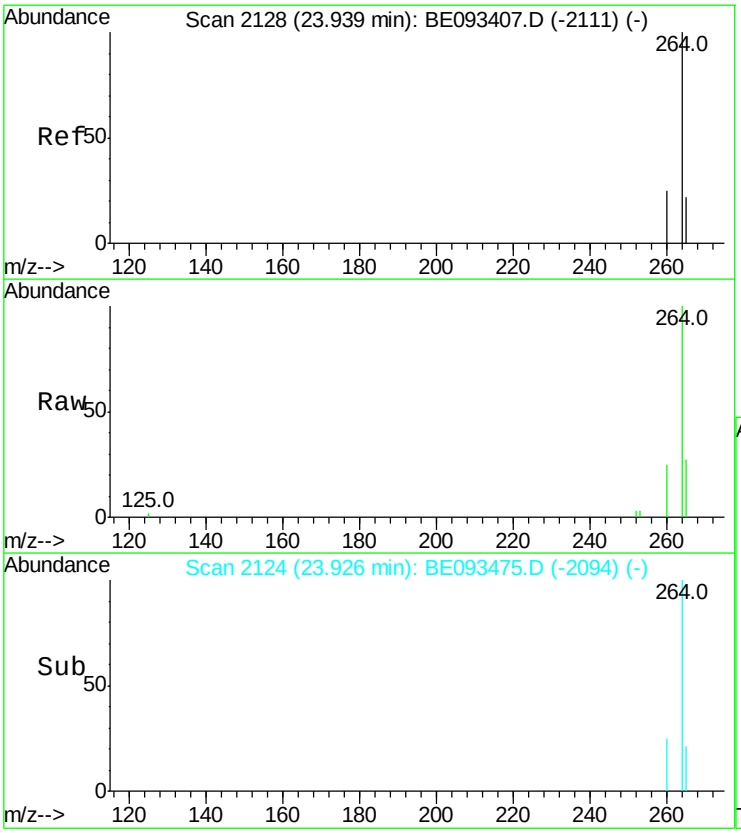
#33
Indeno(1,2,3-cd)pyrene
Concen: 0.420 ng
RT: 26.57 min Scan# 2701
Delta R.T. -0.02 min
Lab File: BE093475.D
Acq: 14 Jul 2017 18:37

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:276 Resp: 40705

Ion	Ratio	Lower	Upper
276	100		
138	30.0	27.4	41.2
277	25.1	20.1	30.1

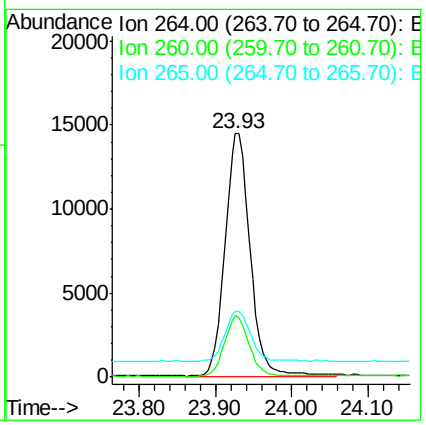


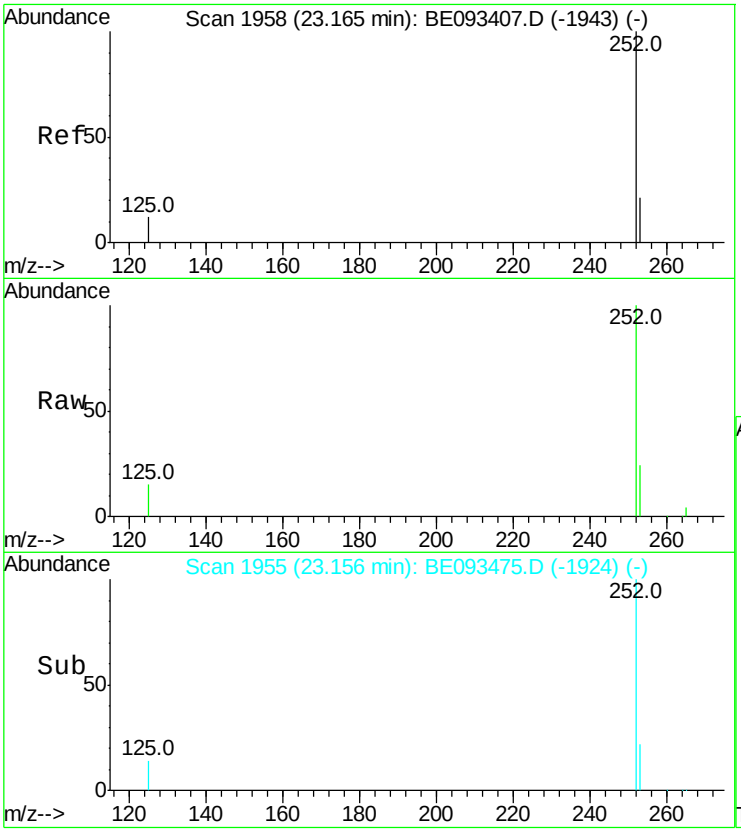


#34
Perylene-d12
Concen: 0.400 ng
RT: 23.93 min Scan# 2124
Delta R.T. -0.01 min
Lab File: BE093475.D
Acq: 14 Jul 2017 18:37

Tgt Ion:264 Resp: 33164

Ion	Ratio	Lower	Upper
264	100		
260	25.3	21.0	31.4
265	27.2	24.6	36.8



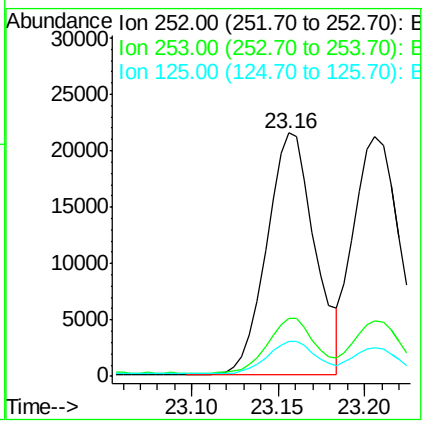


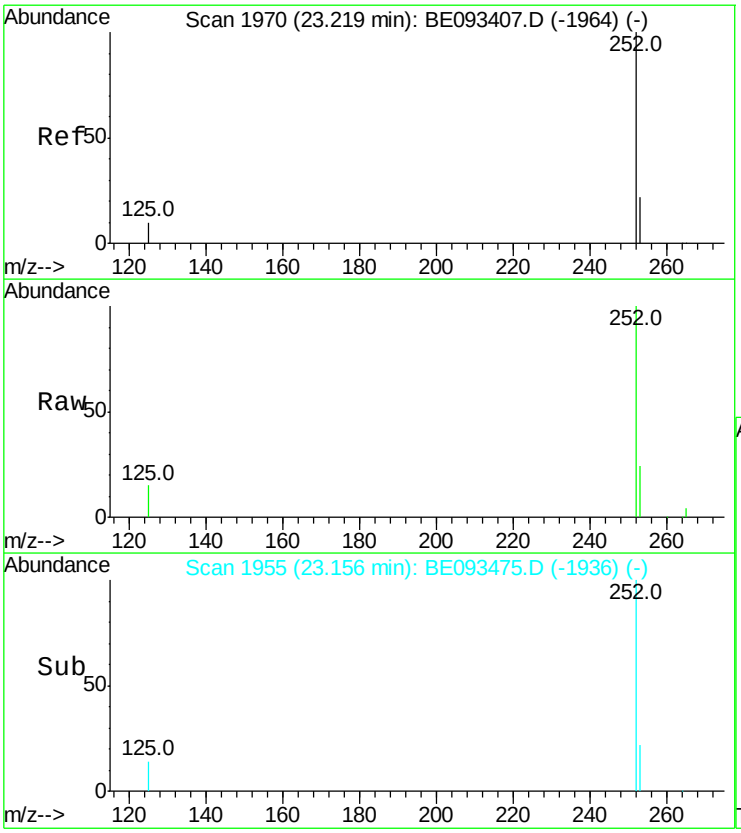
#35
Benzo(b)fluoranthene
Concen: 0.387 ng
RT: 23.16 min Scan# 1955
Delta R.T. -0.01 min
Lab File: BE093475.D
Acq: 14 Jul 2017 18:37

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:252 Resp: 41468

Ion	Ratio	Lower	Upper
252	100		
253	23.6	18.5	27.7
125	14.6	13.4	20.0

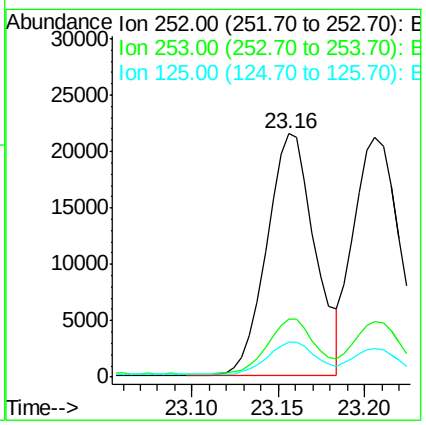


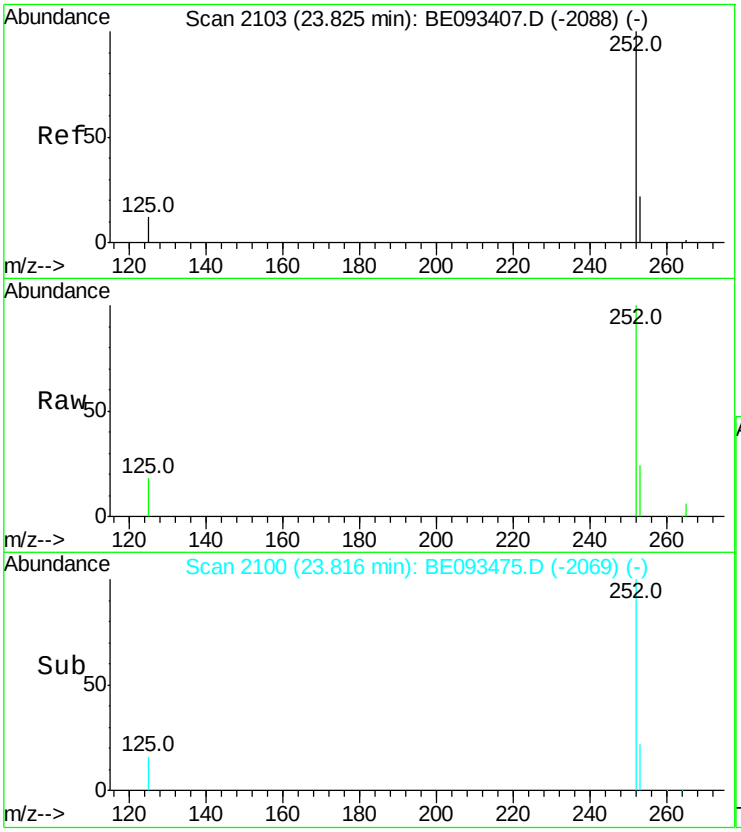


#36
Benzo(k)fluoranthene
Concen: 0.391 ng
RT: 23.16 min Scan# 1955
Delta R.T. -0.06 min
Lab File: BE093475.D
Acq: 14 Jul 2017 18:37

Tgt Ion:252 Resp: 41468

Ion	Ratio	Lower	Upper
252	100		
253	23.6	20.3	30.5
125	14.6	12.2	18.4



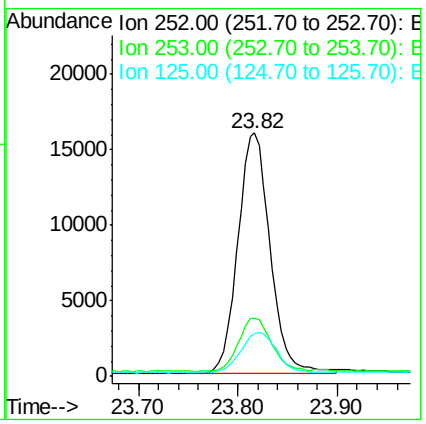


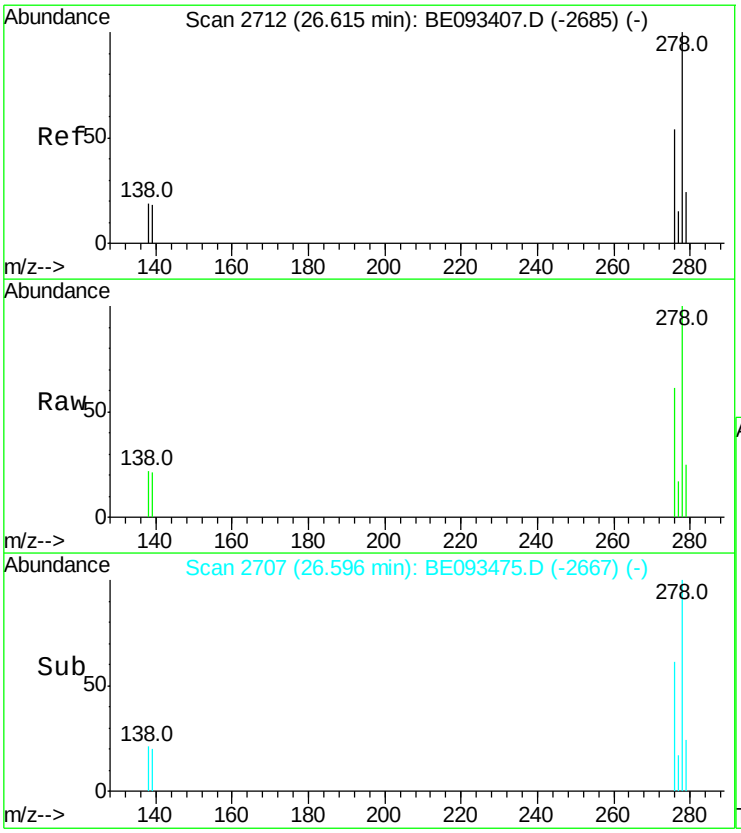
#37
Benzo(a)pyrene
Concen: 0.386 ng
RT: 23.82 min Scan# 2100
Delta R.T. -0.01 min
Lab File: BE093475.D
Acq: 14 Jul 2017 18:37

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:252 Resp: 36206

Ion	Ratio	Lower	Upper
252	100		
253	23.9	19.9	29.9
125	17.7	14.6	21.8

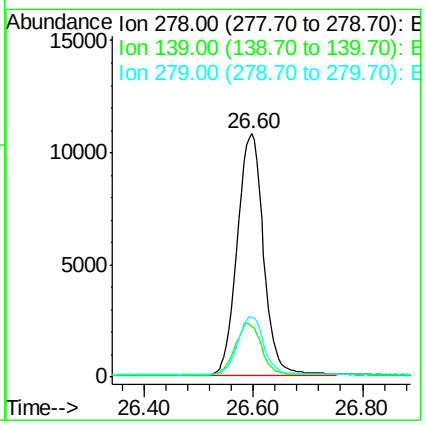


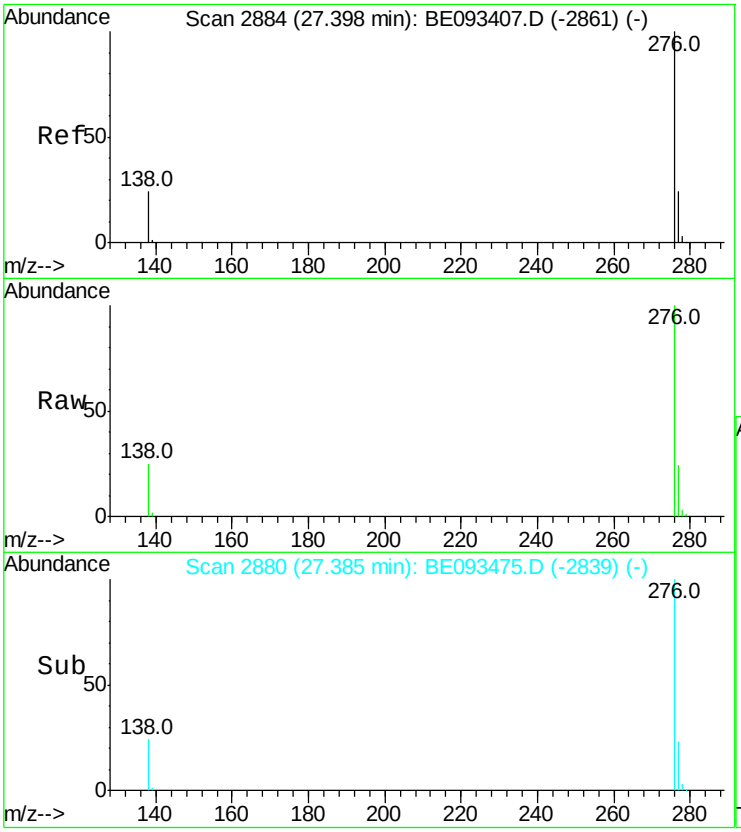


#38
Dibenzo(a,h)anthracene
Concen: 0.398 ng
RT: 26.60 min Scan# 2707
Delta R.T. -0.02 min
Lab File: BE093475.D
Acq: 14 Jul 2017 18:37

Tgt Ion:278 Resp: 36275

Ion	Ratio	Lower	Upper
278	100		
139	20.7	21.4	32.0#
279	24.6	22.2	33.2





#39
Benzo(g,h,i)perylene
Concen: 0.389 ng
RT: 27.38 min Scan# 2880
Delta R.T. -0.01 min
Lab File: BE093475.D
Acq: 14 Jul 2017 18:37

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:276 Resp: 35775

Ion	Ratio	Lower	Upper
276	100		
277	23.9	21.2	31.8
138	24.9	24.5	36.7