Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA E\DATA\BE072017\
Data File : BE093496.D
Acq On : 20 Jul 2017 11:27
Operator : SJ/JU
Sample : SSTDCCC0.4
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument : BNA_E
ClientSampleId :

Quant Time: Jul 20 18:06:35 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	7.95	152	3585	0.40	ng		0.00
7) Naphthalene-d8	10.72	136	21276	0.40	ng		0.00
13) Acenaphthene-d10	14.54	164	13983	0.40	ng		0.00
19) Phenanthrene-d10	17.27	188	33508	0.40	ng		0.00
27) Chrysene-d12	21.43	240	36528	0.40	ng		0.00
34) Perylene-d12	23.93	264	32405	0.40	ng		0.00
System Monitoring Compounds							
4) 2-Fluorophenol	5.53	112	4711	0.44	ng		0.00
5) Phenol-d6	7.11	99	7869	0.49	ng		0.01
8) Nitrobenzene-d5	9.08	82	6390	0.47	ng		0.00
11) 2-Methylnaphthalene-d10	12.31	152	13583	0.40	ng		0.00
14) 2,4,6-Tribromophenol	16.03	330	2124	0.48	ng		0.00
15) 2-Fluorobiphenyl	13.18	172	20566	0.38	ng		0.00
25) Fluoranthene-d10	19.29	212	147942	0.37	ng		0.00
29) Terphenyl-d14	19.87	244	26004	0.40	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.45	88	2589	0.341	ng		97
3) n-Nitrosodimethylamine	3.75	42	1632	0.418	ng	#	79
6) bis(2-Chloroethyl)ether	7.35	93	4802	0.400	ng	#	99
9) Naphthalene	10.77	128	83861	0.376	ng	#	73
10) Hexachlorobutadiene	11.06	225	3154	0.373	ng		99
12) 2-Methylnaphthalene	12.38	142	14880	0.398	ng		97
16) Acenaphthylene	14.26	152	22799	0.391	ng	#	87
17) Acenaphthene	14.60	154	15780	0.370	ng		98
18) Fluorene	15.58	166	20177	0.345	ng	#	87
20) 4-Bromophenyl-phenylether	16.45	248	8445	0.460	ng	#	10
21) Hexachlorobenzene	16.58	284	8197	0.413	ng	#	100
22) Pentachlorophenol	16.91	266	1563	0.605	ng	#	72
23) Phenanthrene	17.30	178	44200	0.363	ng		98
24) Anthracene	17.40	178	24725	0.331	ng		92
26) Fluoranthene	19.32	202	40967	0.358	ng		98
28) Pyrene	19.67	202	42179	0.411	ng	#	99
30) Benzo(a)anthracene	21.40	228	40064	0.406	ng		93
31) Chrysene	21.46	228	38554	0.374	ng		94
32) Bis(2-ethylhexyl)phthalate	21.33	149	102150	0.719	ng	#	66
33) Indeno(1,2,3-cd)pyrene	26.59	276	37184	0.411	ng		94
35) Benzo(b)fluoranthene	23.16	252	37886	0.362	ng		95
36) Benzo(k)fluoranthene	23.21	252	35468	0.343	ng		97
37) Benzo(a)pyrene	23.82	252	34225	0.373	ng		98
38) Dibenzo(a,h)anthracene	26.61	278	32760	0.368	ng		94
39) Benzo(g,h,i)perylene	27.40	276	32558	0.362	ng		94

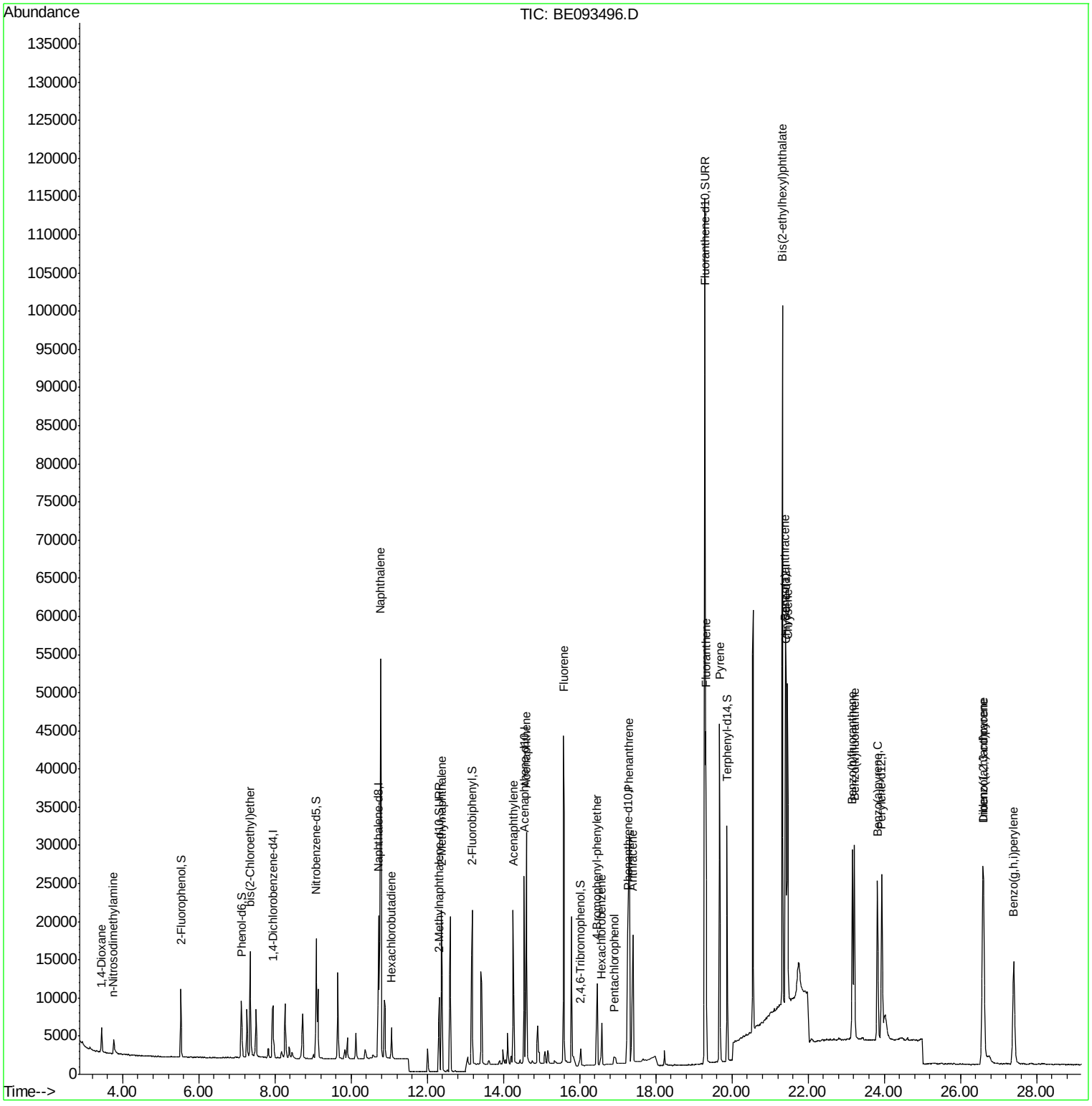
(#) = qualifier out of range (m) = manual integration (+) = signals summed

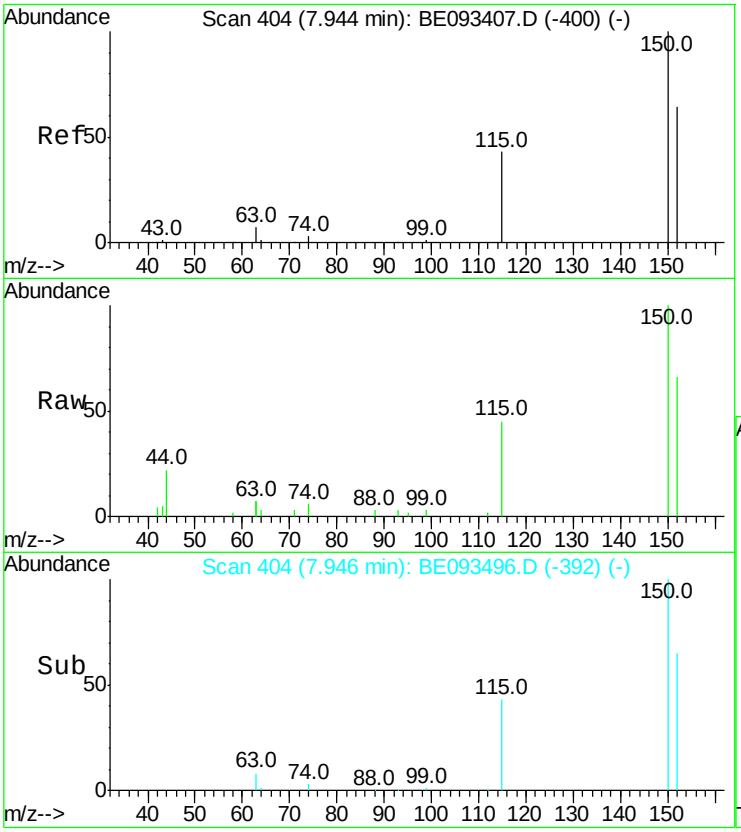
Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA E\DATA\BE072017\
Data File : BE093496.D
Acq On : 20 Jul 2017 11:27
Operator : SJ/JU
Sample : SSTDCCC0.4
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_E
ClientSampleId :

Quant Time: Jul 20 18:06:35 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



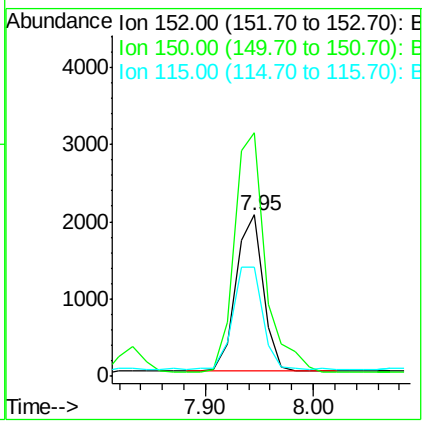


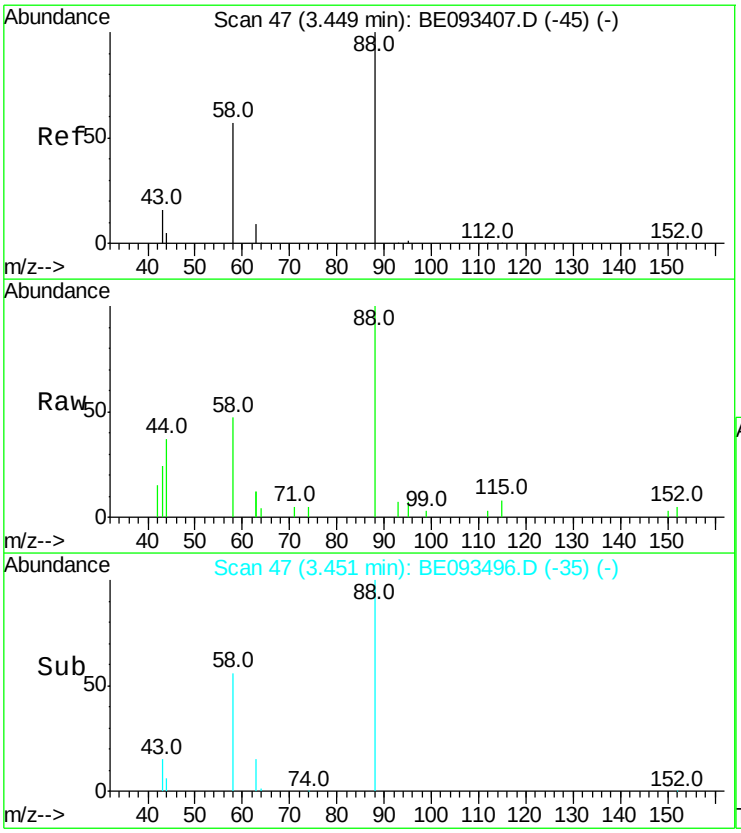
#1
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.95 min Scan# 404
Delta R.T. 0.00 min
Lab File: BE093496.D
Acq: 20 Jul 2017 11:27

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:152 Resp: 3585

Ion	Ratio	Lower	Upper
152	100		
150	151.0	125.1	187.7
115	67.7	55.7	83.5

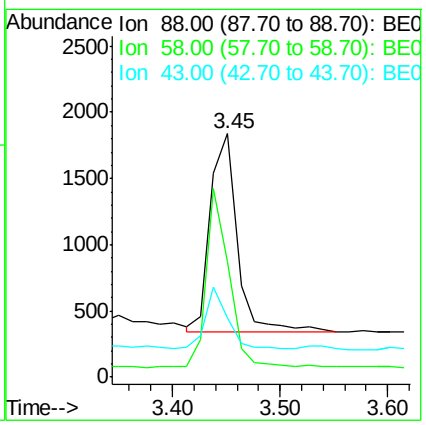


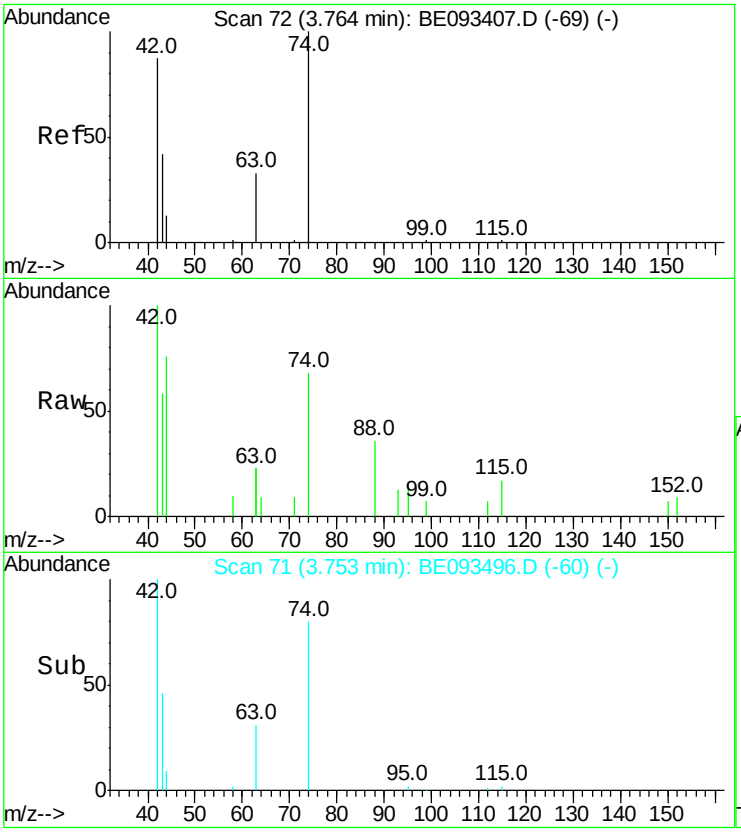


#2
1,4-Dioxane
Concen: 0.341 ng
RT: 3.45 min Scan# 47
Delta R.T. 0.00 min
Lab File: BE093496.D
Acq: 20 Jul 2017 11:27

Tgt Ion: 88 Resp: 2589

Ion	Ratio	Lower	Upper
88	100		
58	76.6	62.2	93.4
43	25.8	23.2	34.8



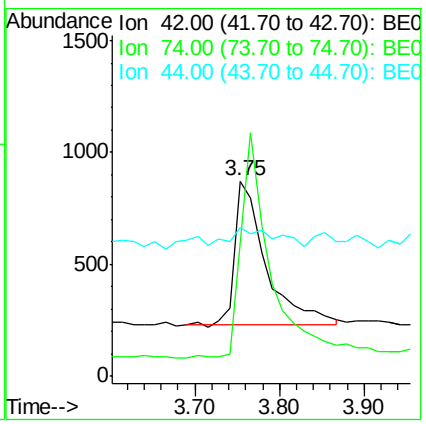


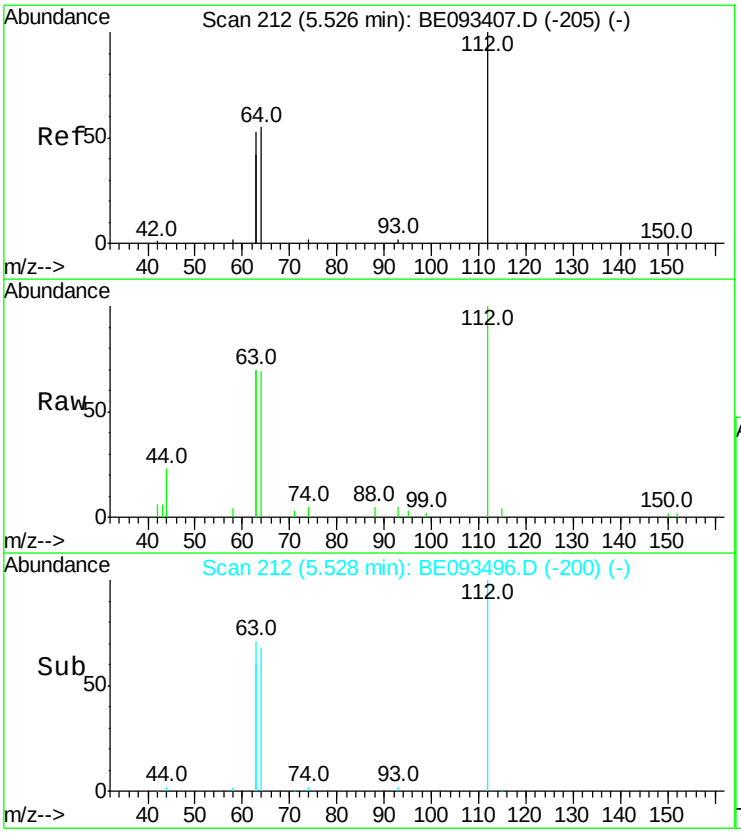
#3
n-Nitrosodimethylamine
Concen: 0.418 ng
RT: 3.75 min Scan# 71
Delta R.T. -0.01 min
Lab File: BE093496.D
Acq: 20 Jul 2017 11:27

Instrument :
BNA_E
ClientSampleId :

Tgt Ion: 42 Resp: 1632

Ion	Ratio	Lower	Upper
42	100		
74	147.8	99.1	148.7
44	18.6	7.4	11.2#

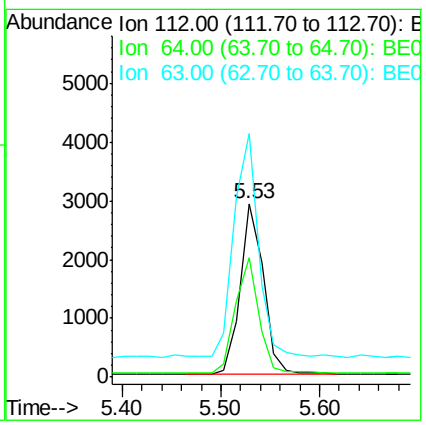


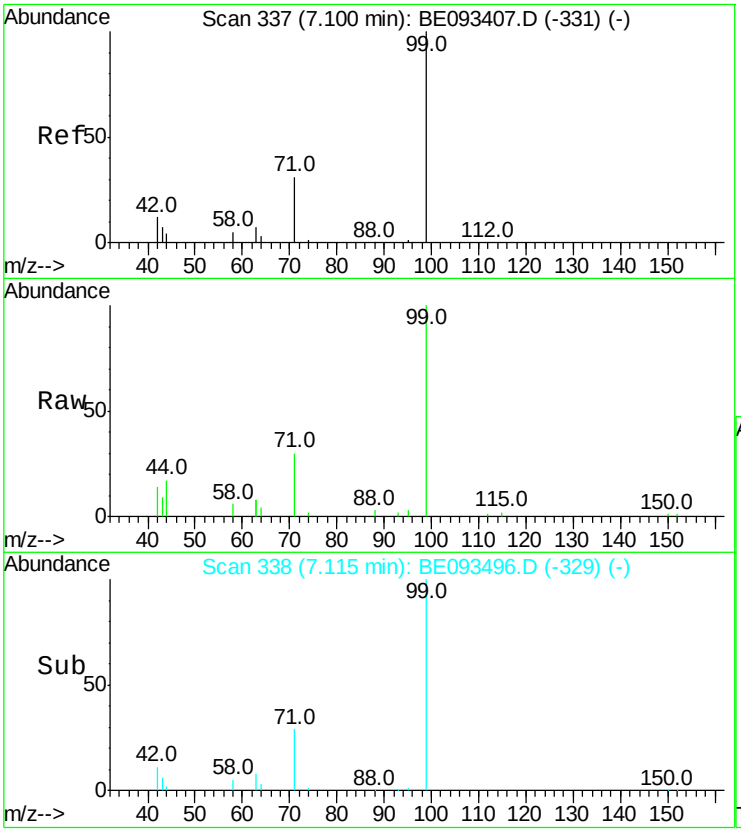


#4
2-Fluorophenol
Concen: 0.435 ng
RT: 5.53 min Scan# 212
Delta R.T. 0.00 min
Lab File: BE093496.D
Acq: 20 Jul 2017 11:27

Tgt Ion:112 Resp: 4711

Ion	Ratio	Lower	Upper
112	100		
64	68.6	56.4	84.6
63	137.1	29.3	43.9#



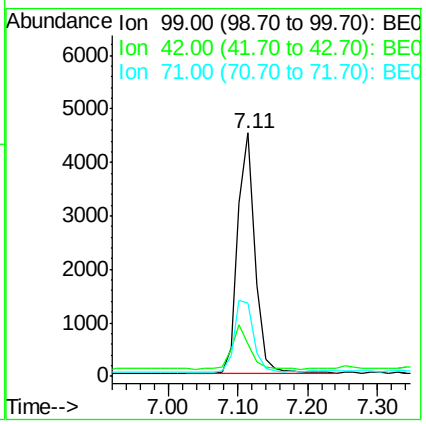


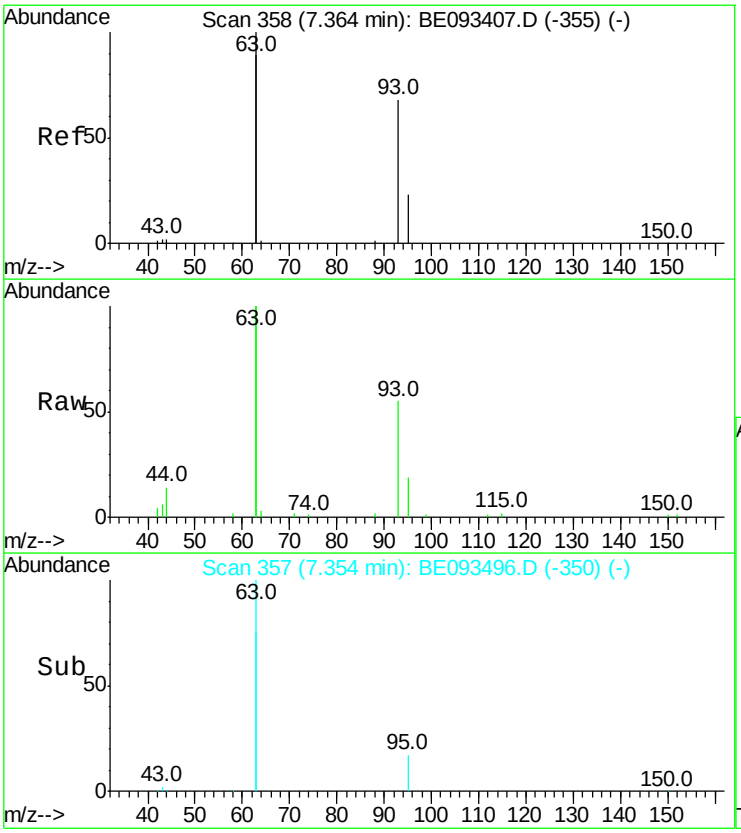
#5
Phenol-d6
Concen: 0.493 ng
RT: 7.11 min Scan# 338
Delta R.T. 0.01 min
Lab File: BE093496.D
Acq: 20 Jul 2017 11:27

Instrument :
BNA_E
ClientSampleId :

Tgt Ion: 99 Resp: 7869

Ion	Ratio	Lower	Upper
99	100		
42	19.0	0.0	0.0#
71	32.9	0.0	0.0#

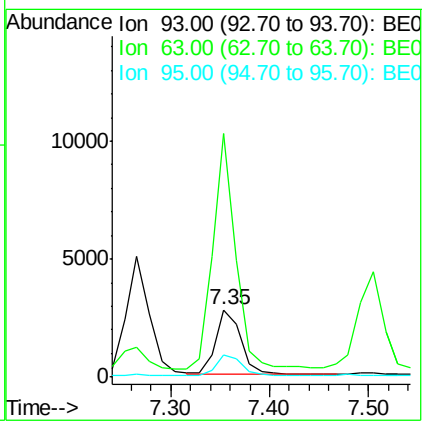


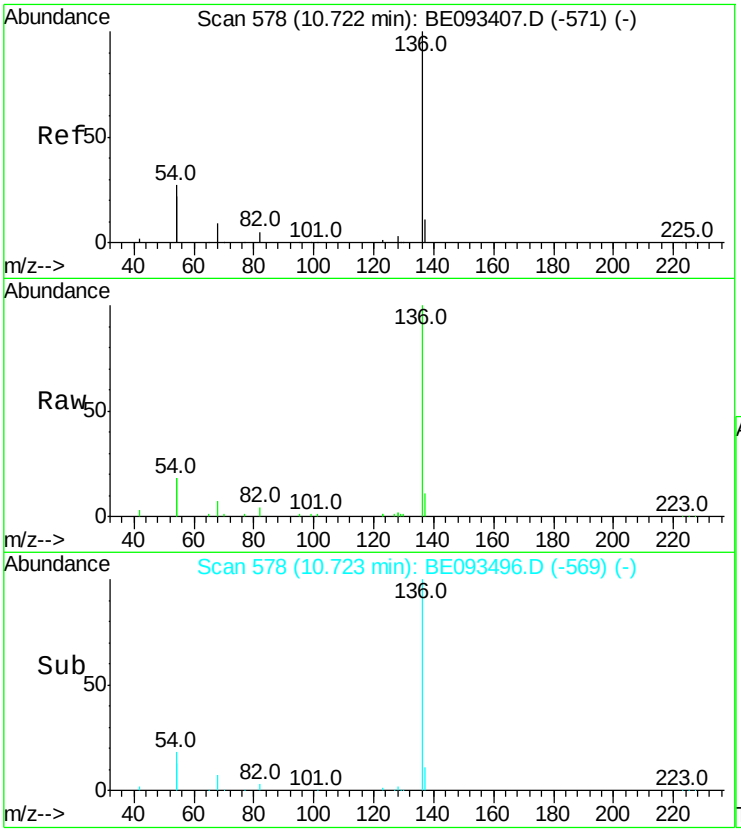


#6
bis(2-Chloroethyl)ether
Concen: 0.400 ng
RT: 7.35 min Scan# 357
Delta R.T. -0.01 min
Lab File: BE093496.D
Acq: 20 Jul 2017 11:27

Tgt Ion: 93 Resp: 4802

Ion	Ratio	Lower	Upper
93	100		
63	332.0	0.0	0.0#
95	32.5	25.4	38.0



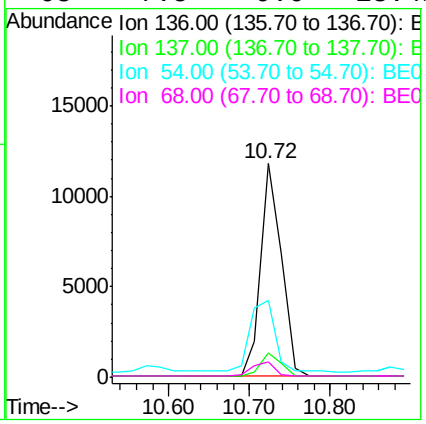


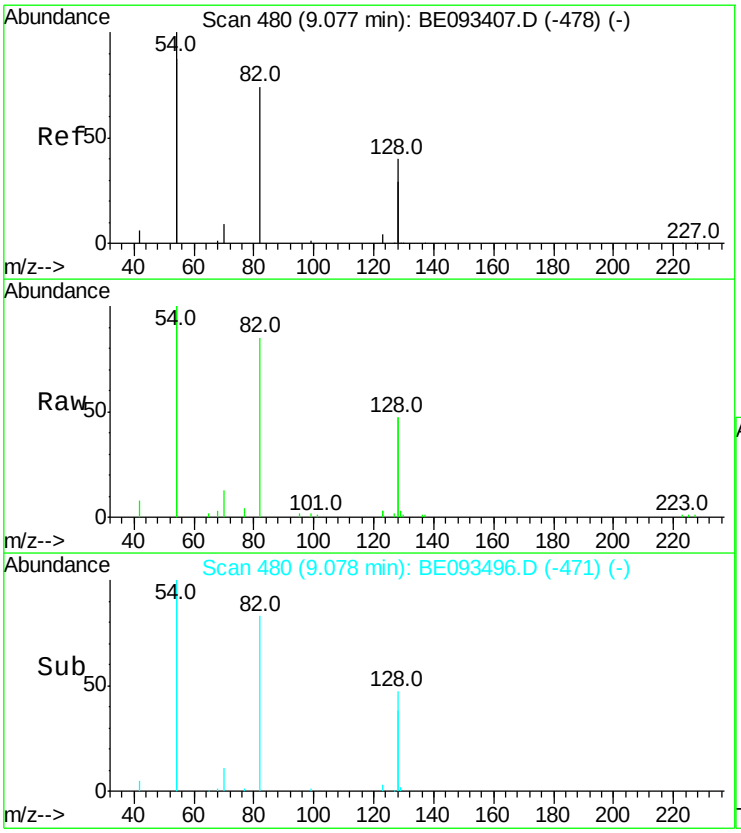
#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.72 min Scan# 578
Delta R.T. 0.00 min
Lab File: BE093496.D
Acq: 20 Jul 2017 11:27

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:136 Resp: 21276

Ion	Ratio	Lower	Upper
136	100		
137	11.3	9.8	14.8
54	36.0	10.3	15.5#
68	7.5	9.0	13.4#

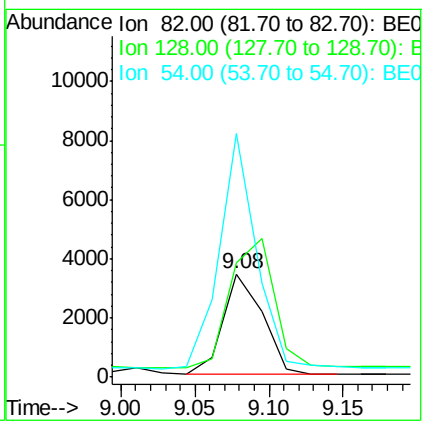


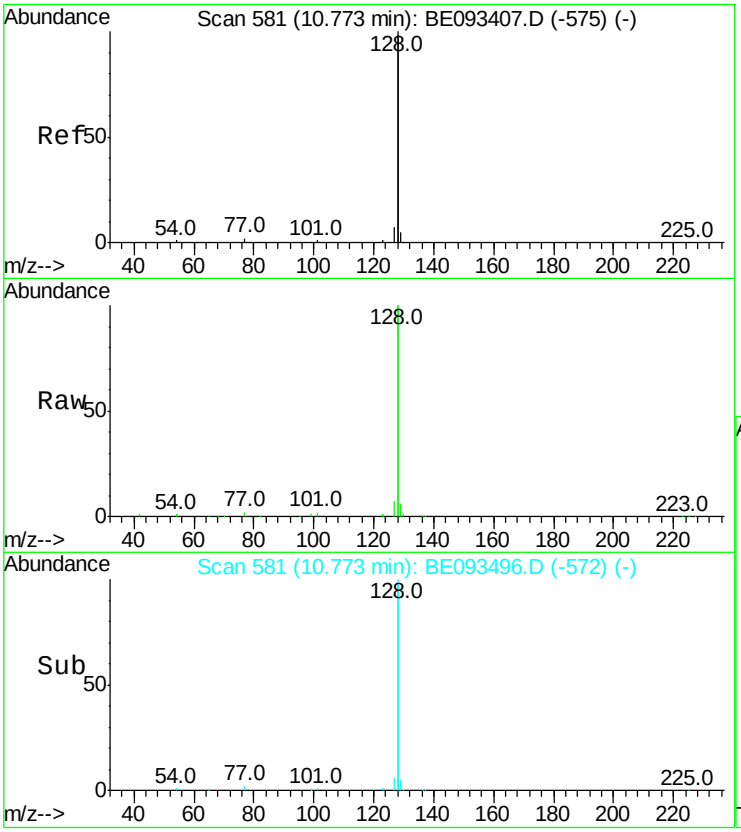


#8
Nitrobenzene-d5
Concen: 0.470 ng
RT: 9.08 min Scan# 480
Delta R.T. 0.00 min
Lab File: BE093496.D
Acq: 20 Jul 2017 11:27

Tgt Ion: 82 Resp: 6390

Ion	Ratio	Lower	Upper
82	100		
128	110.5	17.0	25.4#
54	236.3	53.8	80.6#



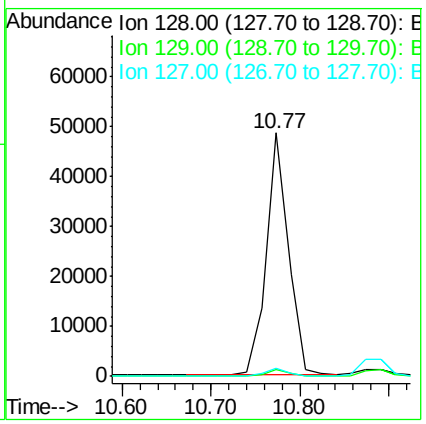


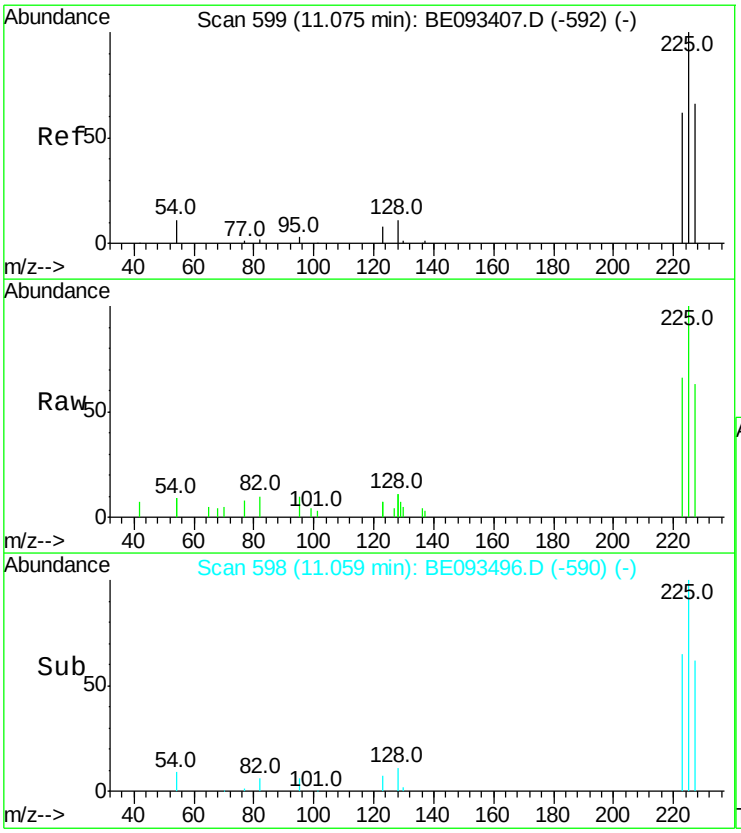
#9
Naphthalene
Concen: 0.376 ng
RT: 10.77 min Scan# 581
Delta R.T. 0.00 min
Lab File: BE093496.D
Acq: 20 Jul 2017 11:27

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:128 Resp: 83861

Ion	Ratio	Lower	Upper
128	100		
129	2.8	11.4	17.0#
127	3.4	11.2	16.8#

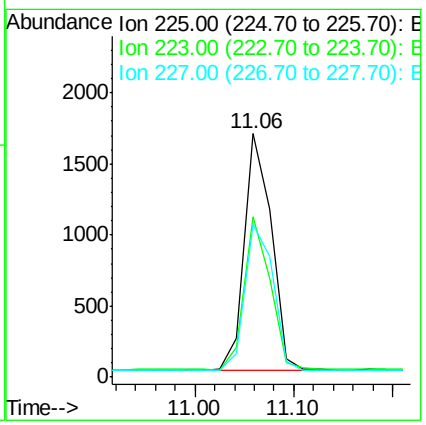


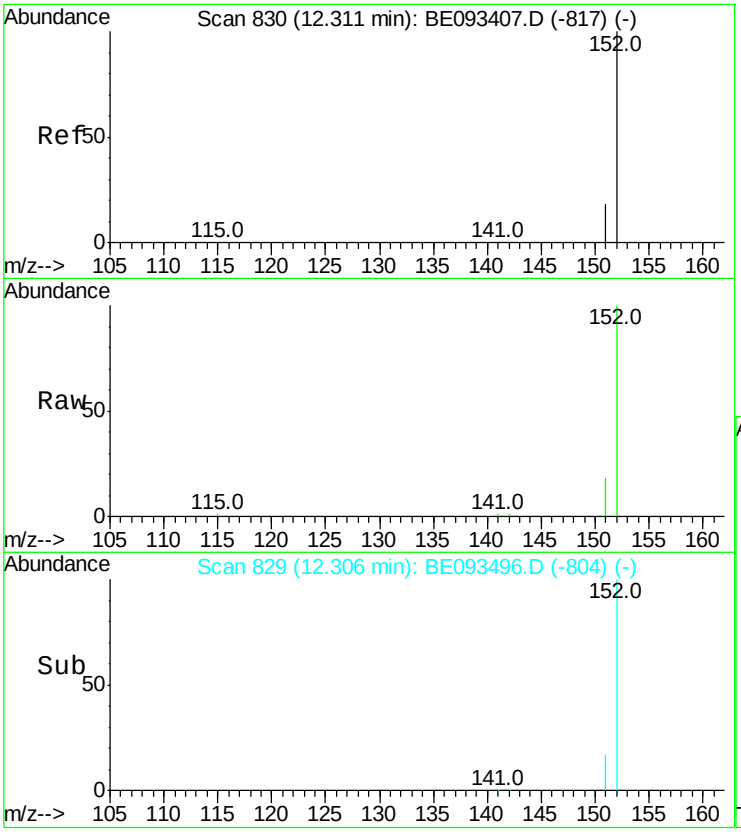


#10
Hexachlorobutadiene
Concen: 0.373 ng
RT: 11.06 min Scan# 598
Delta R.T. -0.02 min
Lab File: BE093496.D
Acq: 20 Jul 2017 11:27

Tgt Ion:225 Resp: 3154

Ion	Ratio	Lower	Upper
225	100		
223	62.0	49.7	74.5
227	64.2	50.3	75.5



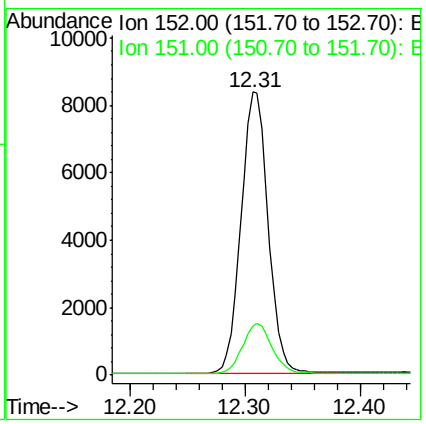


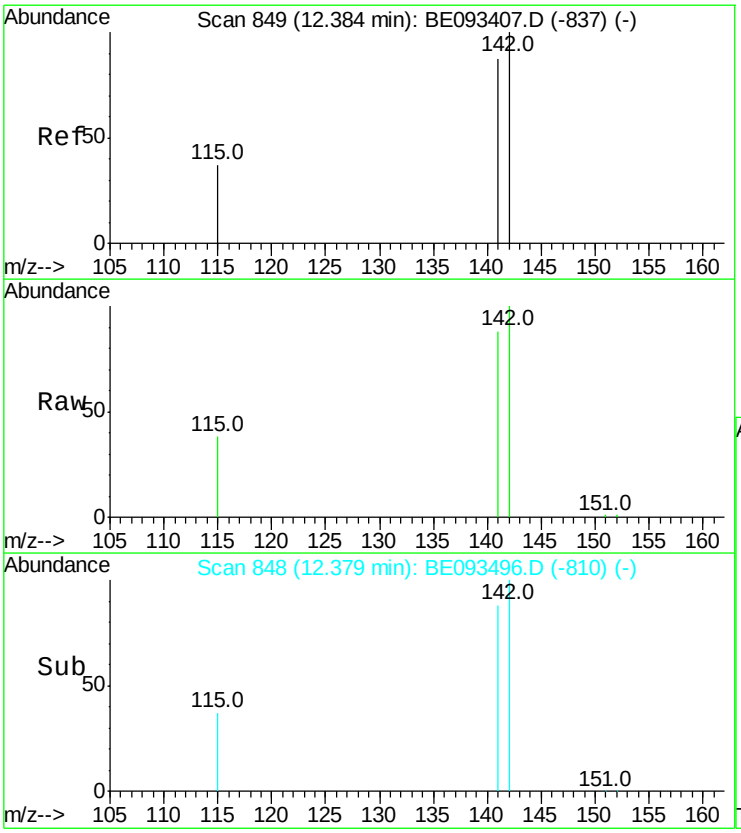
#11
2-Methylnaphthalene-d10
Concen: 0.400 ng
RT: 12.31 min Scan# 829
Delta R.T. -0.00 min
Lab File: BE093496.D
Acq: 20 Jul 2017 11:27

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:152 Resp: 13583

Ion	Ratio	Lower	Upper
152	100		
151	19.0	15.1	22.7

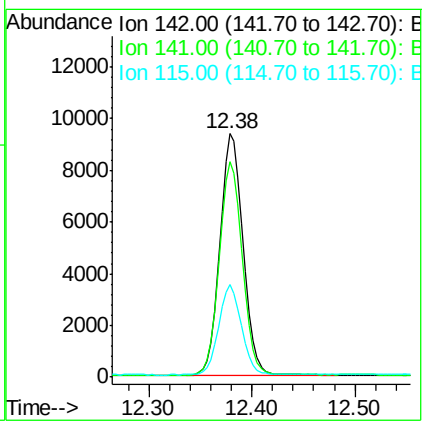


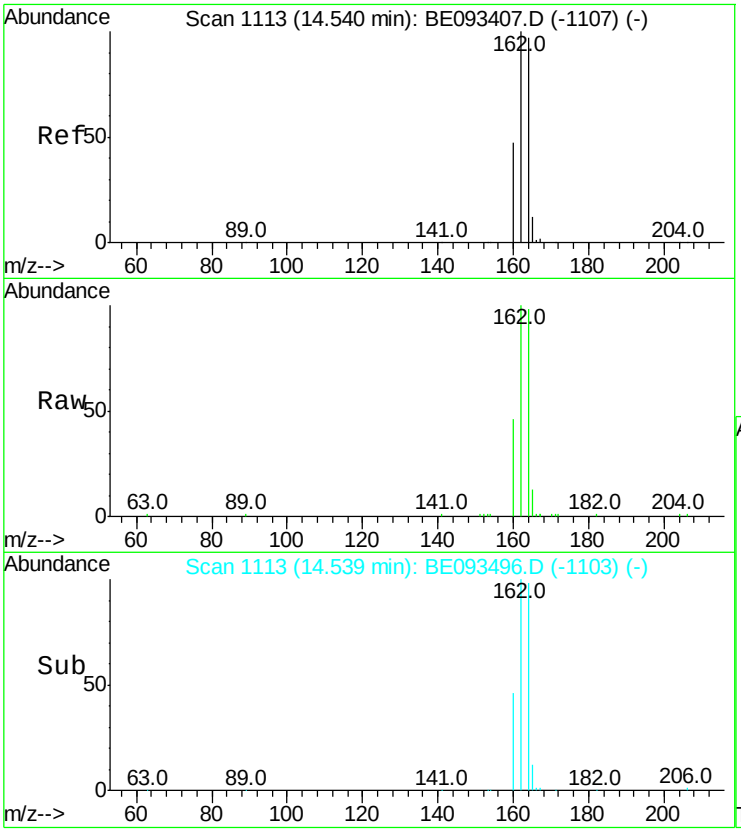


#12
2-Methylnaphthalene
Concen: 0.398 ng
RT: 12.38 min Scan# 848
Delta R.T. -0.00 min
Lab File: BE093496.D
Acq: 20 Jul 2017 11:27

Tgt Ion:142 Resp: 14880

Ion	Ratio	Lower	Upper
142	100		
141	88.3	72.6	108.8
115	38.0	32.2	48.2



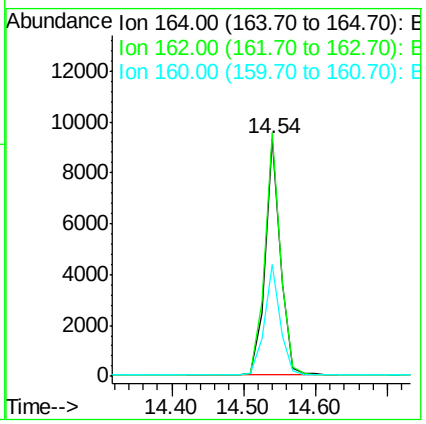


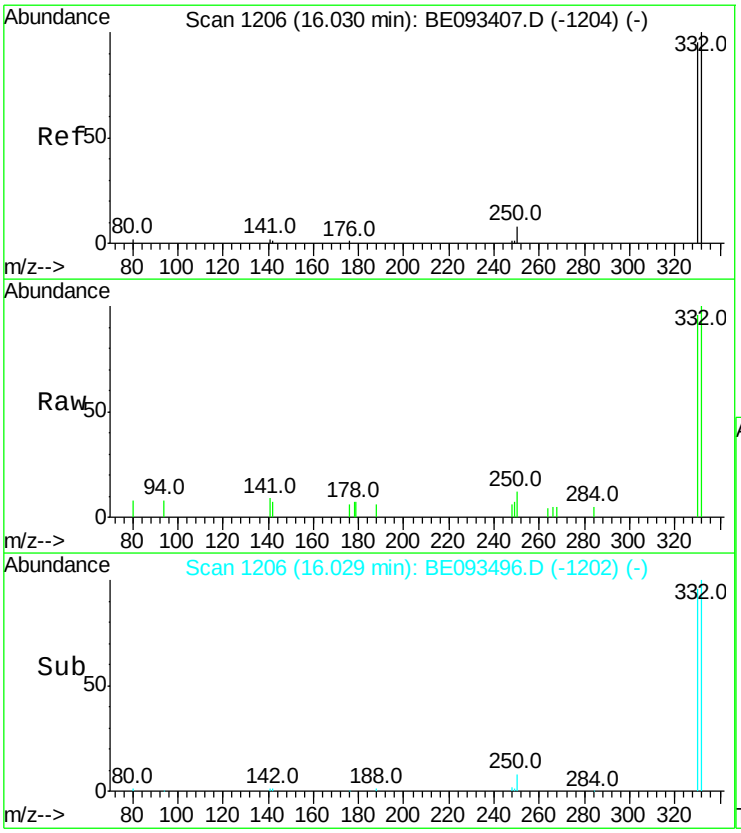
#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.54 min Scan# 1113
Delta R.T. -0.00 min
Lab File: BE093496.D
Acq: 20 Jul 2017 11:27

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:164 Resp: 13983

Ion	Ratio	Lower	Upper
164	100		
162	102.5	84.6	127.0
160	47.0	41.8	62.6

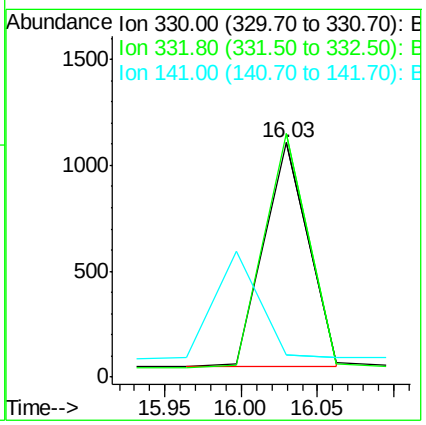


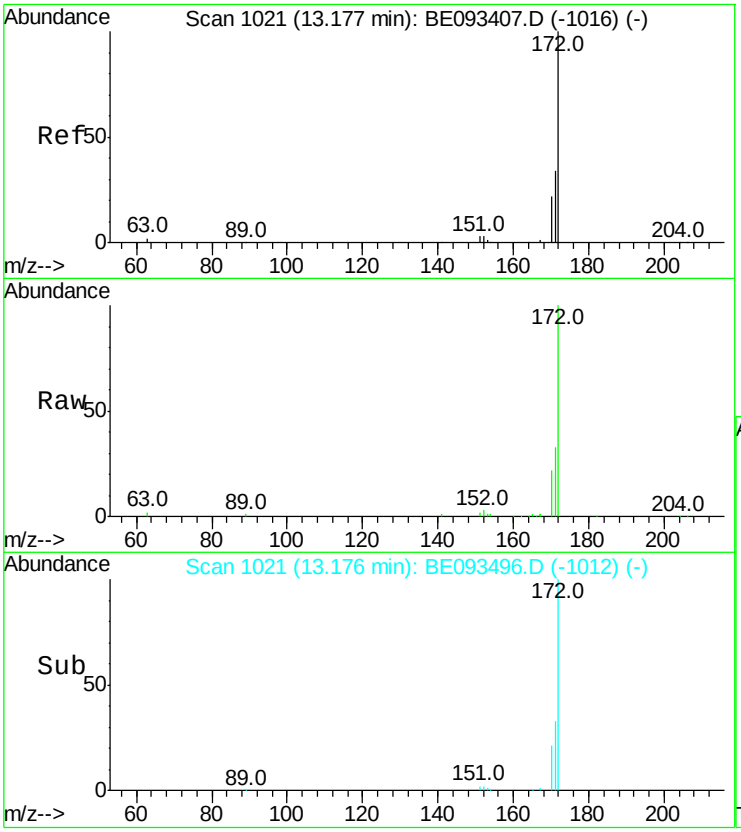


#14
2,4,6-Tribromophenol
Concen: 0.483 ng
RT: 16.03 min Scan# 1206
Delta R.T. -0.00 min
Lab File: BE093496.D
Acq: 20 Jul 2017 11:27

Tgt Ion:330 Resp: 2124

Ion	Ratio	Lower	Upper
330	100		
332	103.9	77.7	116.5
141	0.0	56.2	84.4#



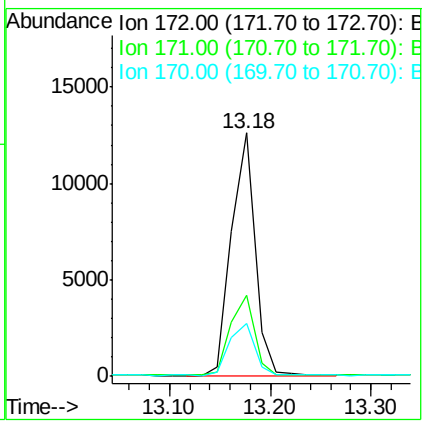


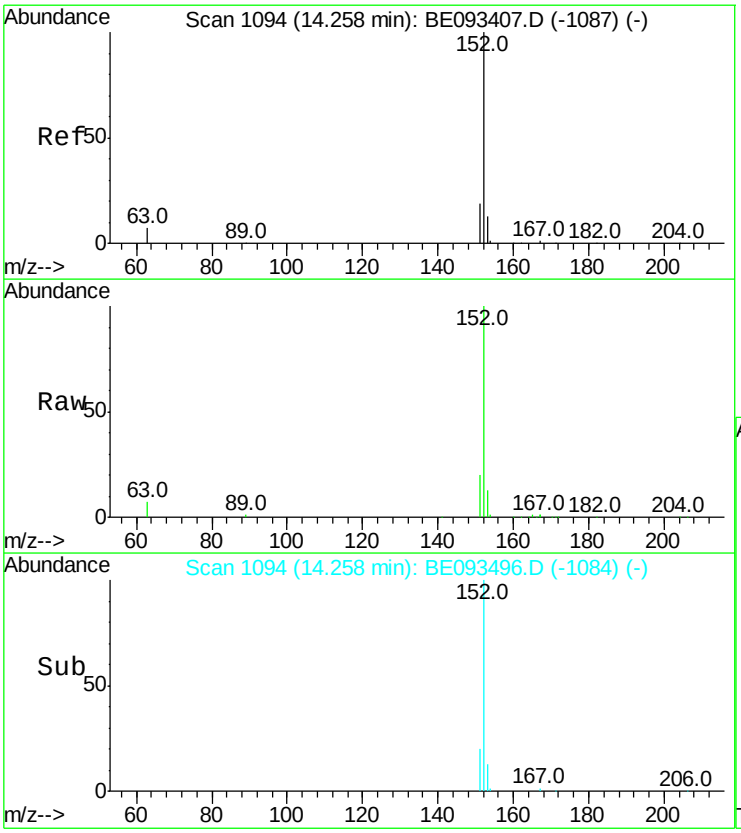
#15
2-Fluorobiphenyl
Concen: 0.379 ng
RT: 13.18 min Scan# 1021
Delta R.T. -0.00 min
Lab File: BE093496.D
Acq: 20 Jul 2017 11:27

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:172 Resp: 20566

Ion	Ratio	Lower	Upper
172	100		
171	33.3	29.8	44.6
170	21.8	20.7	31.1

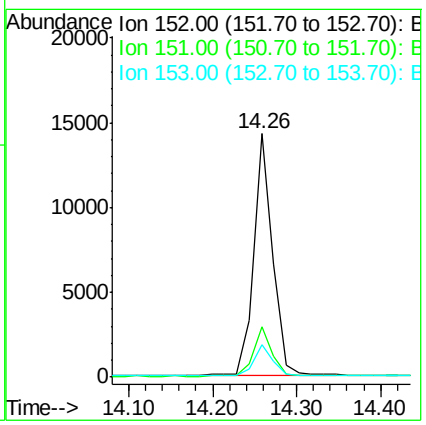


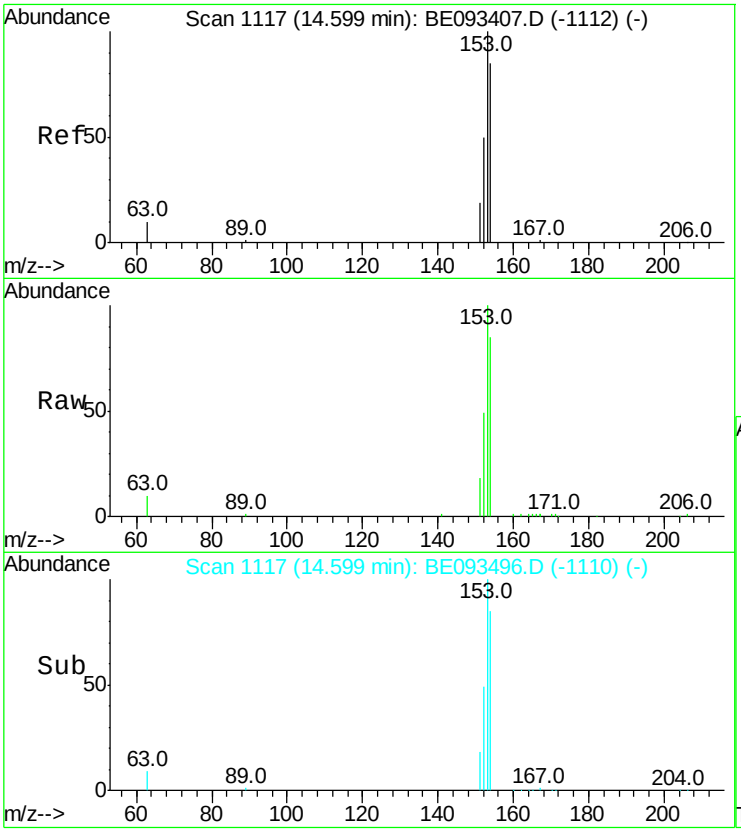


#16
Acenaphthylene
Concen: 0.391 ng
RT: 14.26 min Scan# 1094
Delta R.T. -0.00 min
Lab File: BE093496.D
Acq: 20 Jul 2017 11:27

Tgt Ion:152 Resp: 22799

Ion	Ratio	Lower	Upper
152	100		
151	19.8	4.0	6.0#
153	13.0	10.3	15.5



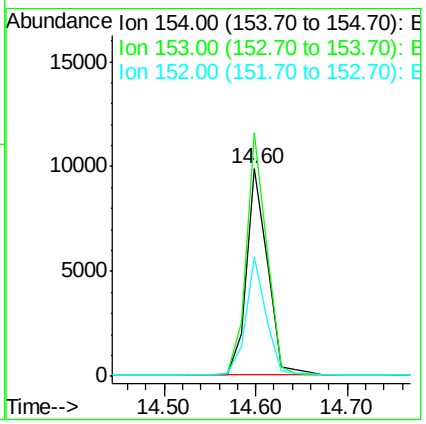


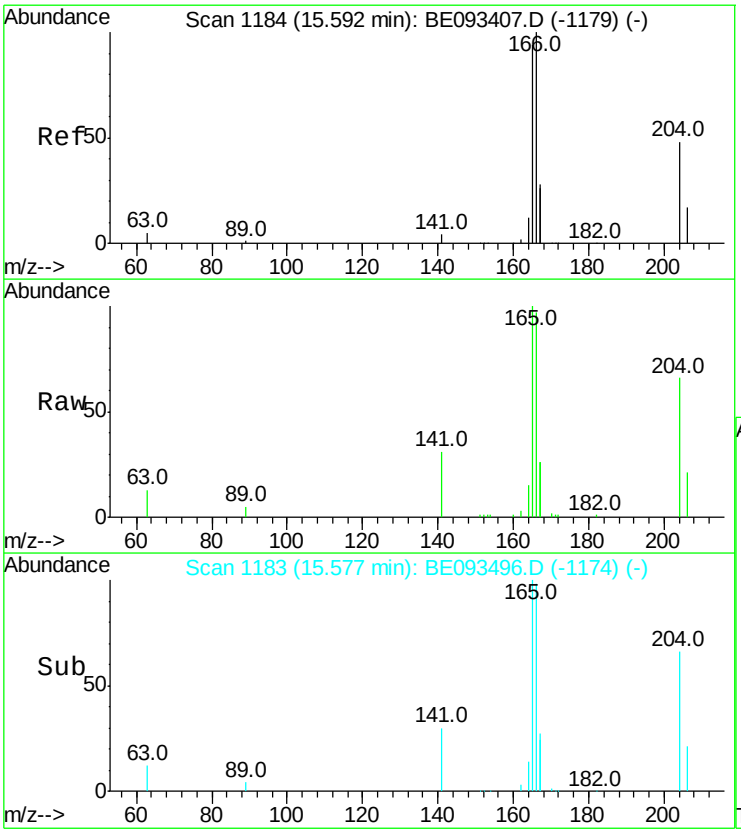
#17
Acenaphthene
Concen: 0.370 ng
RT: 14.60 min Scan# 1117
Delta R.T. -0.00 min
Lab File: BE093496.D
Acq: 20 Jul 2017 11:27

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:154 Resp: 15780

Ion	Ratio	Lower	Upper
154	100		
153	112.8	91.2	136.8
152	54.2	44.8	67.2

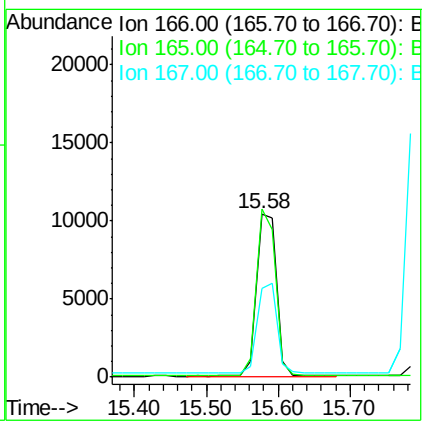


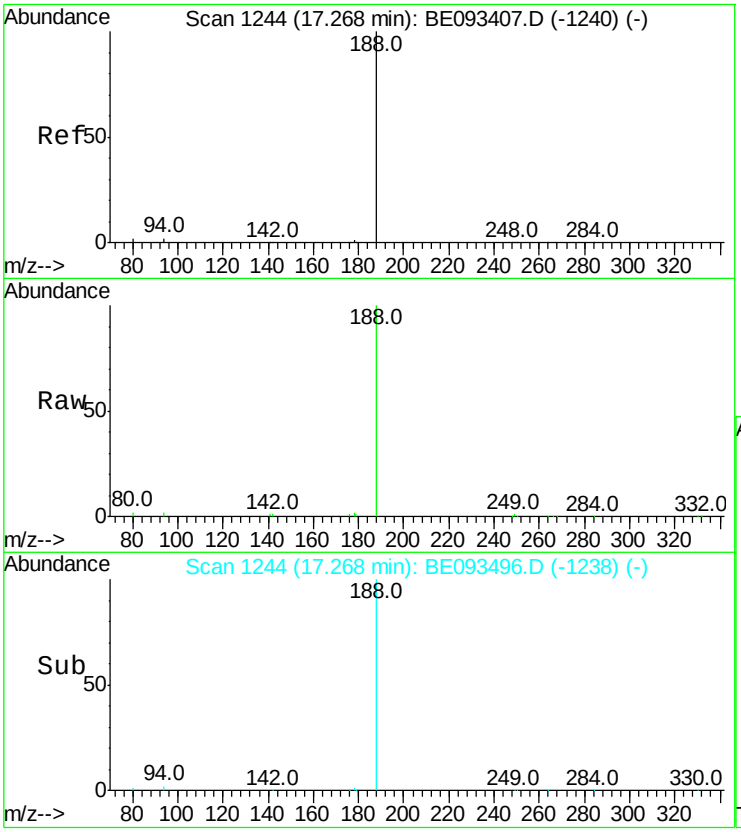


#18
Fluorene
Concen: 0.345 ng
RT: 15.58 min Scan# 1183
Delta R.T. -0.02 min
Lab File: BE093496.D
Acq: 20 Jul 2017 11:27

Tgt Ion:166 Resp: 20177

Ion	Ratio	Lower	Upper
166	100		
165	98.1	78.6	117.8
167	54.6	11.1	16.7#



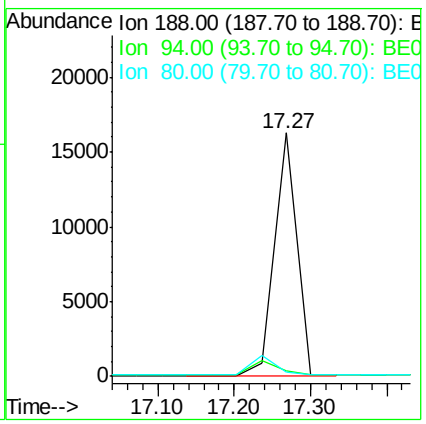


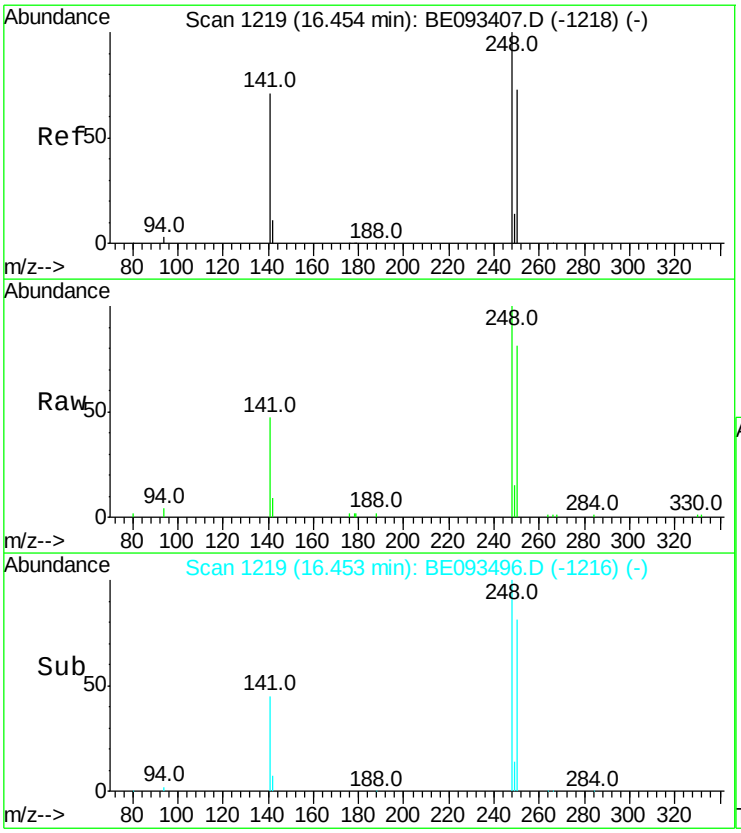
#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.27 min Scan# 1244
Delta R.T. -0.00 min
Lab File: BE093496.D
Acq: 20 Jul 2017 11:27

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:188 Resp: 33508

Ion	Ratio	Lower	Upper
188	100		
94	2.4	11.3	16.9#
80	1.9	11.7	17.5#

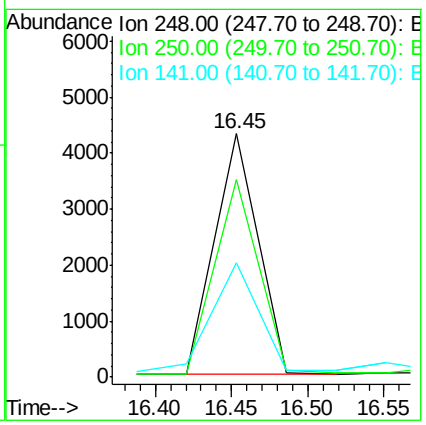


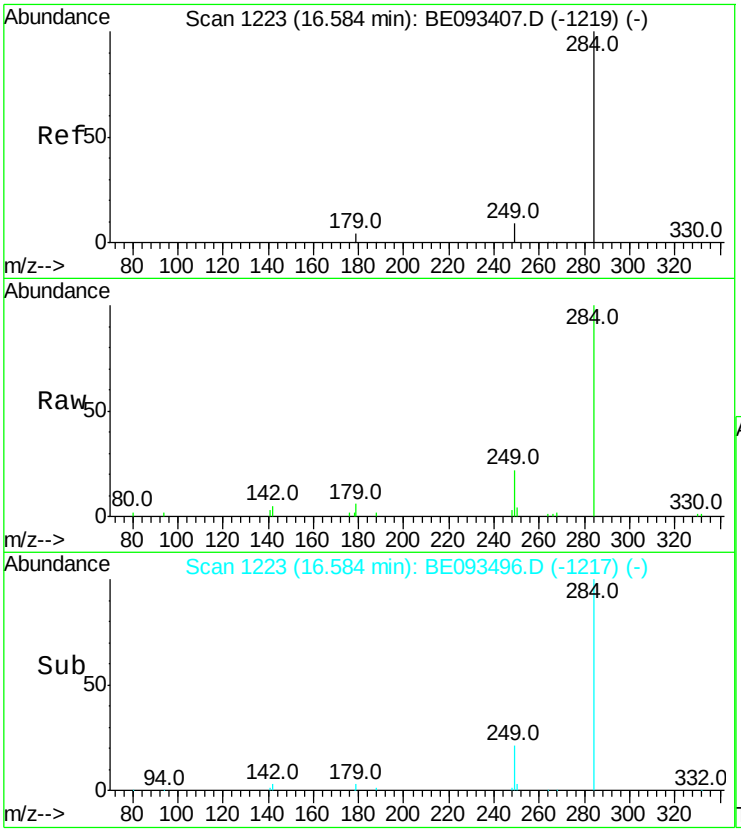


#20
4-Bromophenyl-phenylether
Concen: 0.460 ng
RT: 16.45 min Scan# 1219
Delta R.T. -0.00 min
Lab File: BE093496.D
Acq: 20 Jul 2017 11:27

Tgt Ion:248 Resp: 8445

Ion	Ratio	Lower	Upper
248	100		
250	80.9	40.8	61.2#
141	47.0	161.6	242.4#



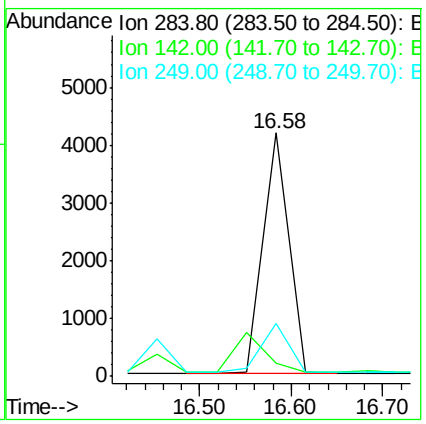


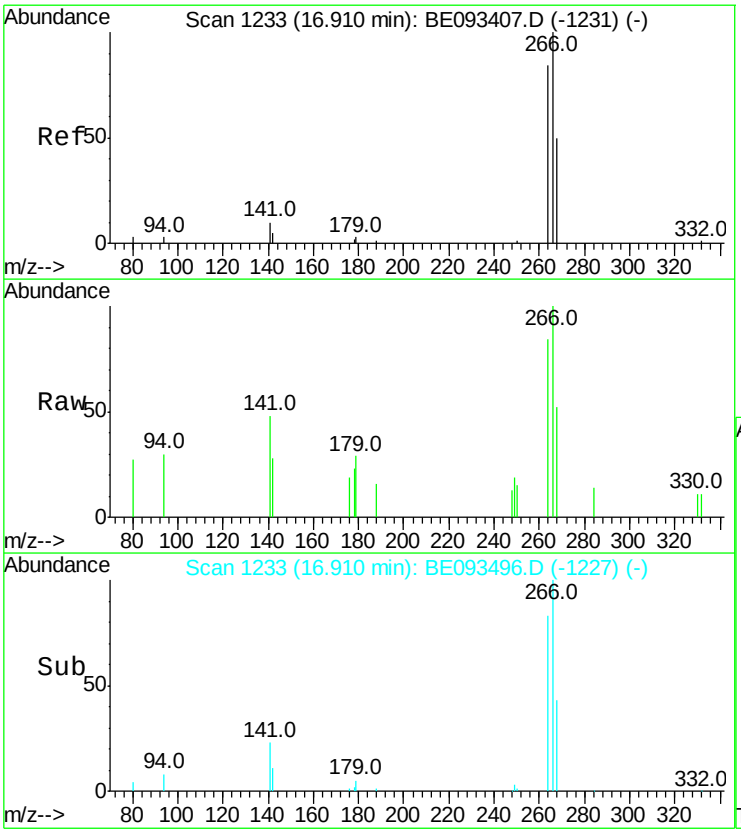
#21
Hexachlorobenzene
Concen: 0.413 ng
RT: 16.58 min Scan# 1223
Delta R.T. -0.00 min
Lab File: BE093496.D
Acq: 20 Jul 2017 11:27

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:284 Resp: 8197

Ion	Ratio	Lower	Upper
284	100		
142	0.0	0.0	0.0
249	21.9	0.0	0.0#

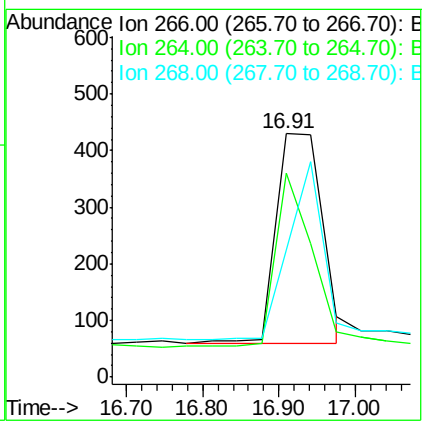


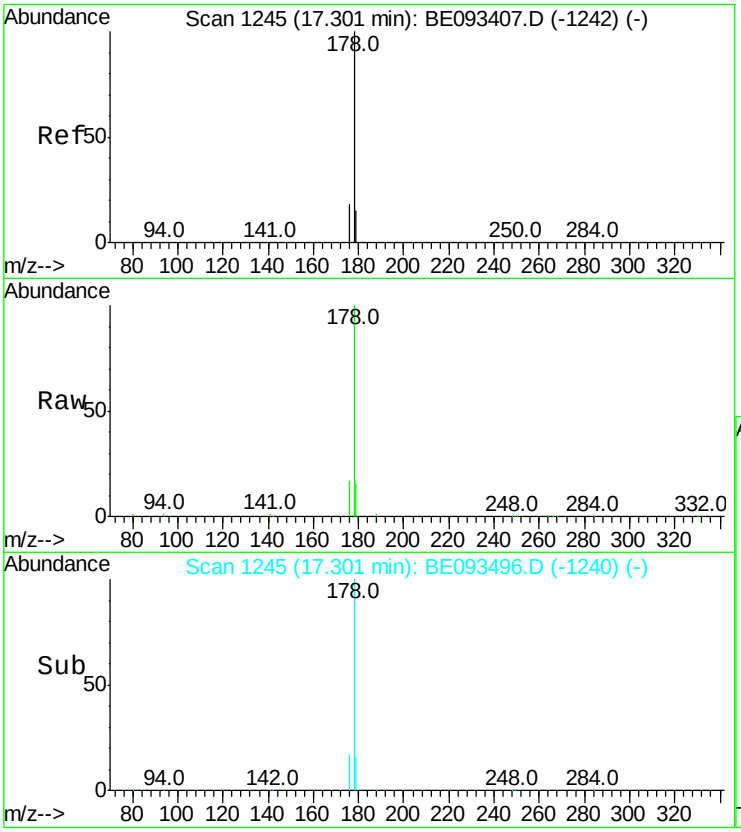


#22
Pentachlorophenol
Concen: 0.605 ng
RT: 16.91 min Scan# 1233
Delta R.T. 0.00 min
Lab File: BE093496.D
Acq: 20 Jul 2017 11:27

Tgt Ion:266 Resp: 1563

Ion	Ratio	Lower	Upper
266	100		
264	84.0	58.2	87.2
268	52.3	71.9	107.9#



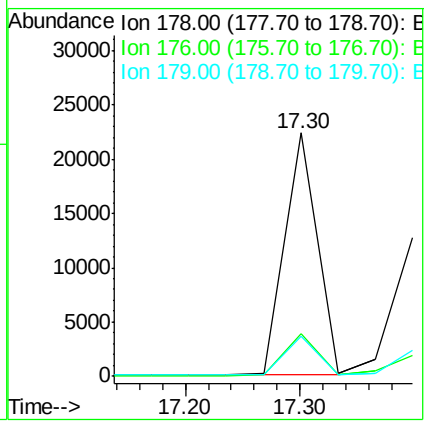


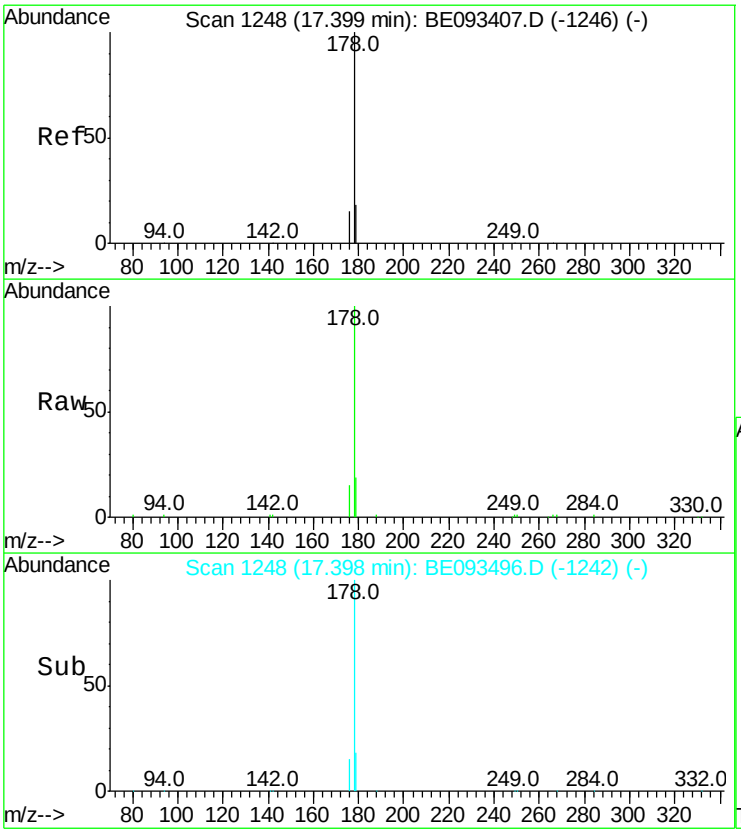
#23
Phenanthrene
Concen: 0.363 ng
RT: 17.30 min Scan# 1245
Delta R.T. -0.00 min
Lab File: BE093496.D
Acq: 20 Jul 2017 11:27

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:178 Resp: 44200

Ion	Ratio	Lower	Upper
178	100		
176	17.1	15.0	22.4
179	16.1	12.7	19.1

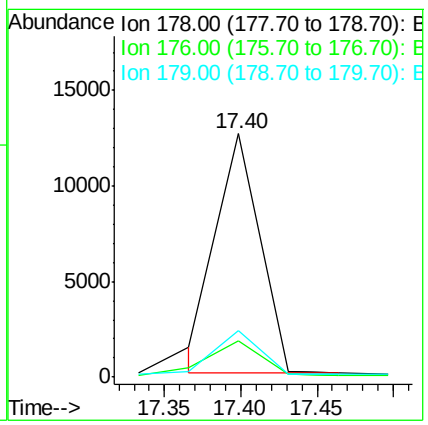


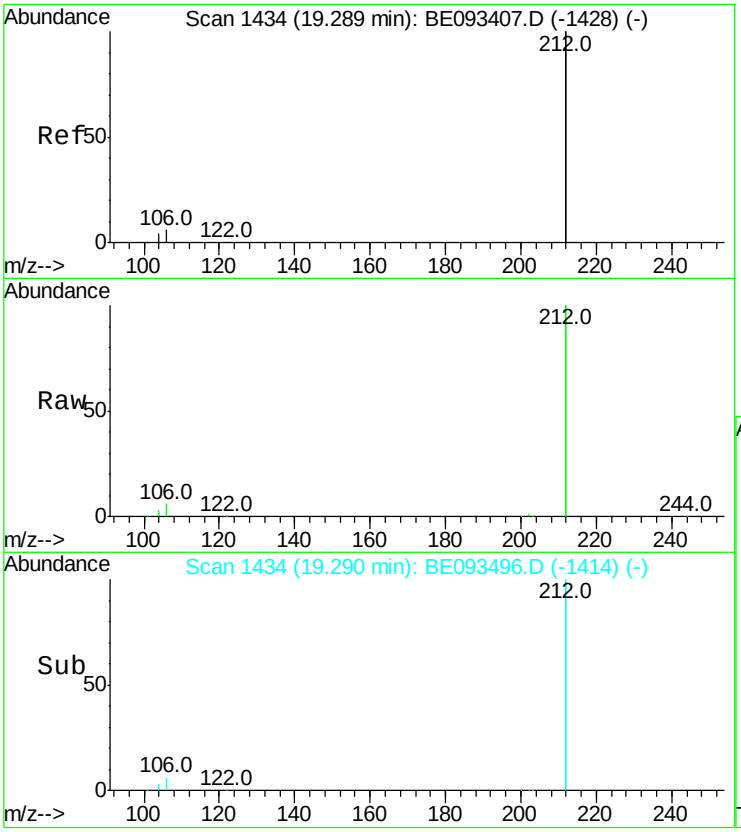


#24
Anthracene
Concen: 0.331 ng
RT: 17.40 min Scan# 1248
Delta R.T. -0.00 min
Lab File: BE093496.D
Acq: 20 Jul 2017 11:27

Tgt Ion:178 Resp: 24725

Ion	Ratio	Lower	Upper
178	100		
176	14.7	14.6	22.0
179	17.9	12.0	18.0



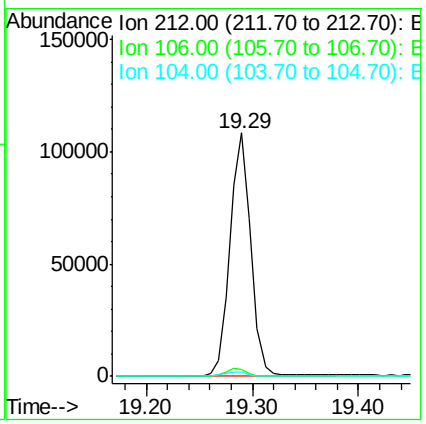


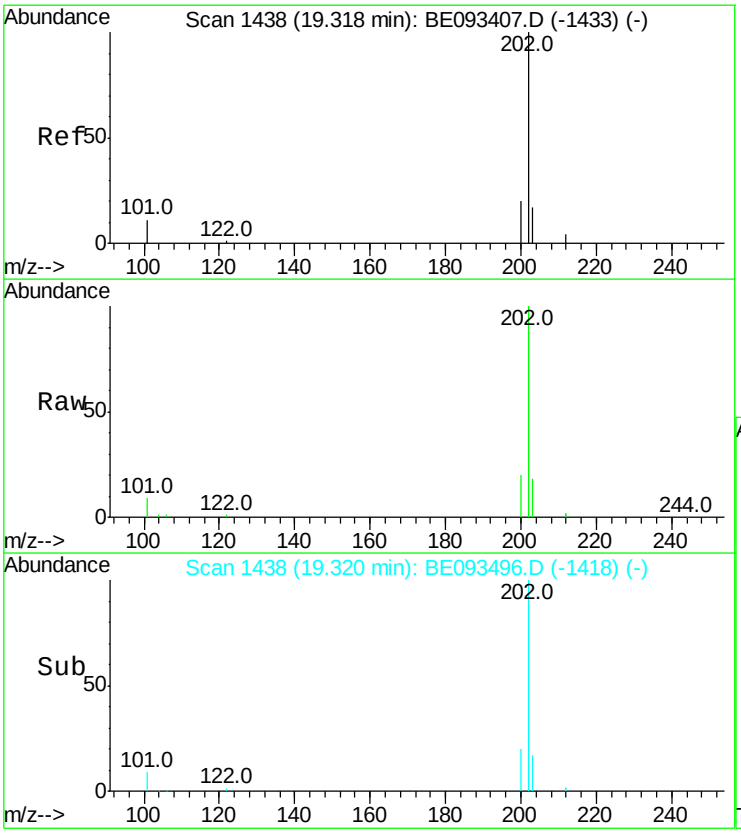
#25
Fluoranthene-d10
Concen: 0.366 ng
RT: 19.29 min Scan# 1434
Delta R.T. 0.00 min
Lab File: BE093496.D
Acq: 20 Jul 2017 11:27

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:212 Resp: 147942

Ion	Ratio	Lower	Upper
212	100		
106	3.3	2.4	3.6
104	1.9	1.6	2.4

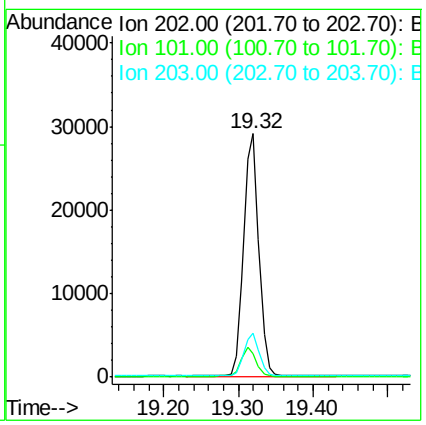


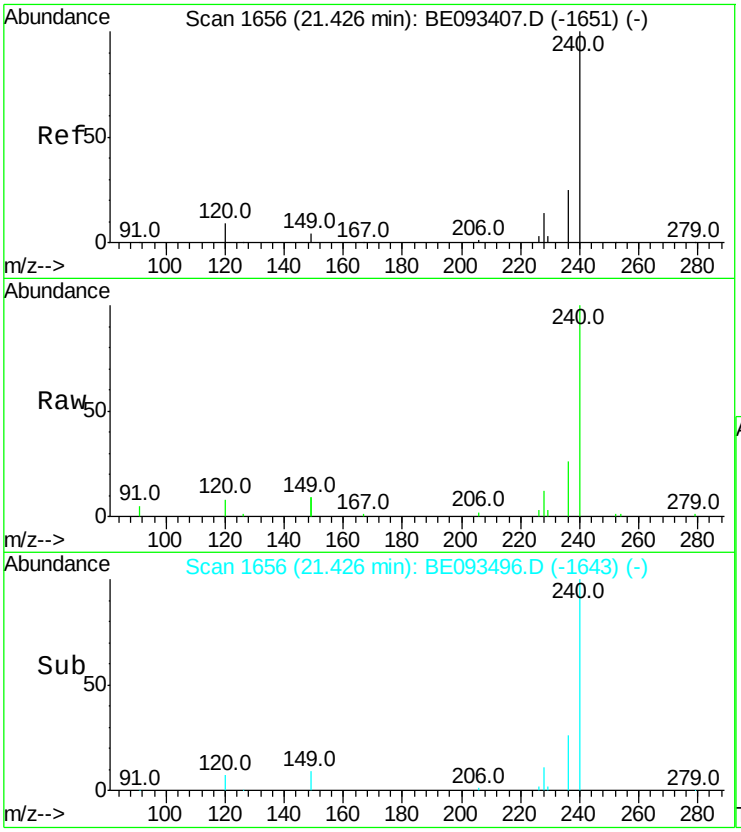


#26
Fluoranthene
Concen: 0.358 ng
RT: 19.32 min Scan# 1438
Delta R.T. 0.00 min
Lab File: BE093496.D
Acq: 20 Jul 2017 11:27

Tgt Ion:202 Resp: 40967

Ion	Ratio	Lower	Upper
202	100		
101	11.5	9.6	14.4
203	17.0	14.4	21.6



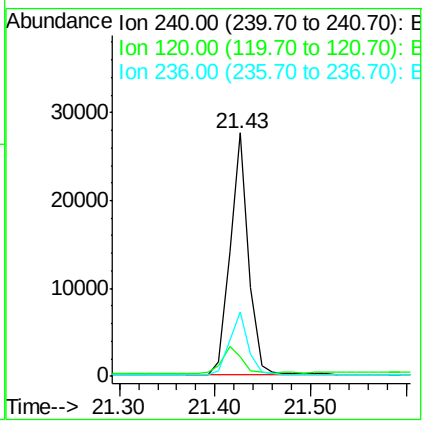


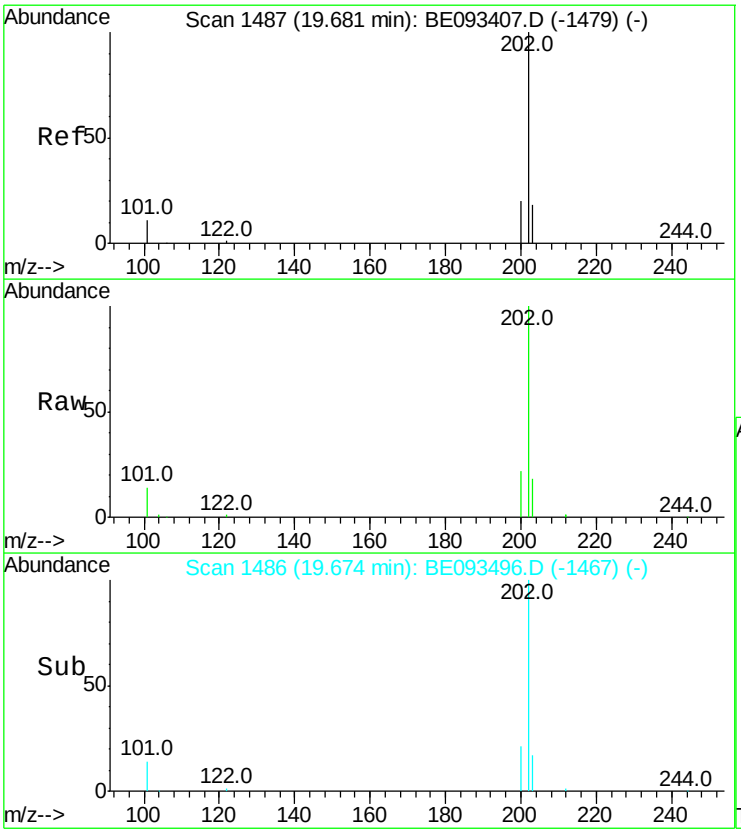
#27
Chrysene-d12
Concen: 0.400 ng
RT: 21.43 min Scan# 1656
Delta R.T. -0.00 min
Lab File: BE093496.D
Acq: 20 Jul 2017 11:27

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:240 Resp: 36528

Ion	Ratio	Lower	Upper
240	100		
120	8.2	4.6	7.0#
236	26.3	20.8	31.2

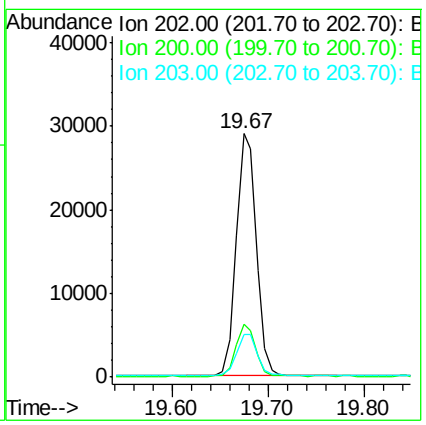


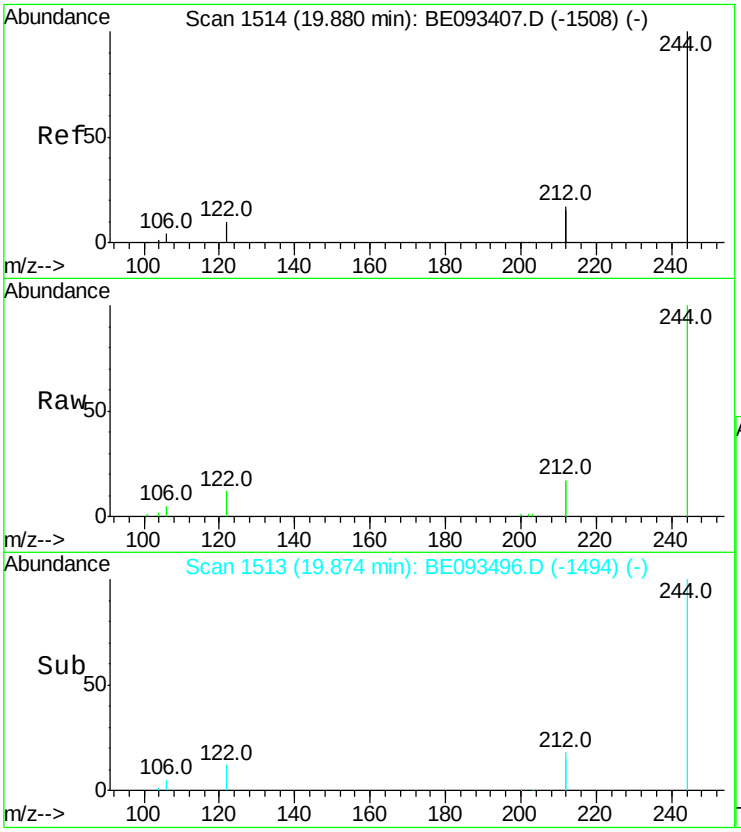


#28
Pyrene
Concen: 0.411 ng
RT: 19.67 min Scan# 1486
Delta R.T. -0.01 min
Lab File: BE093496.D
Acq: 20 Jul 2017 11:27

Tgt Ion:202 Resp: 42179

Ion	Ratio	Lower	Upper
202	100		
200	20.7	0.0	0.0#
203	17.5	13.7	20.5



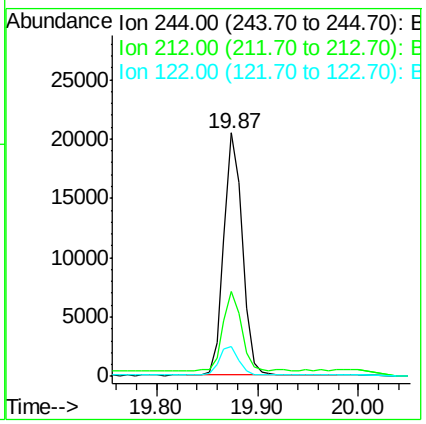


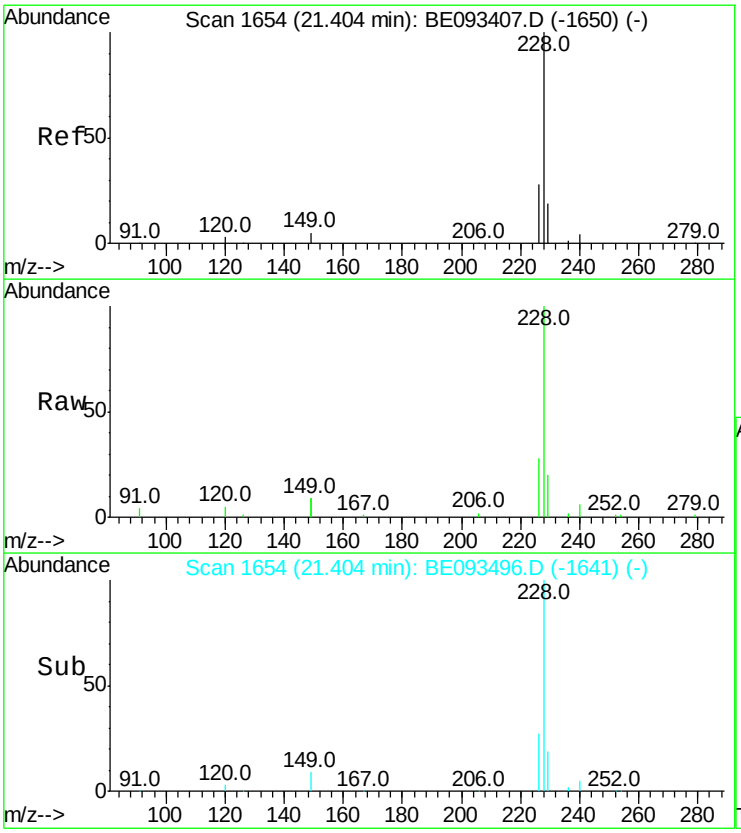
#29
Terphenyl-d14
Concen: 0.399 ng
RT: 19.87 min Scan# 1513
Delta R.T. -0.01 min
Lab File: BE093496.D
Acq: 20 Jul 2017 11:27

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:244 Resp: 26004

Ion	Ratio	Lower	Upper
244	100		
212	35.0	10.6	16.0#
122	12.4	15.4	23.0#

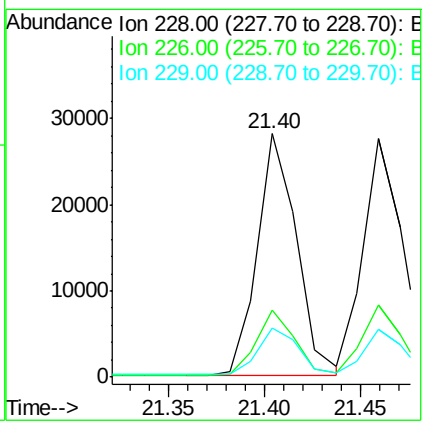


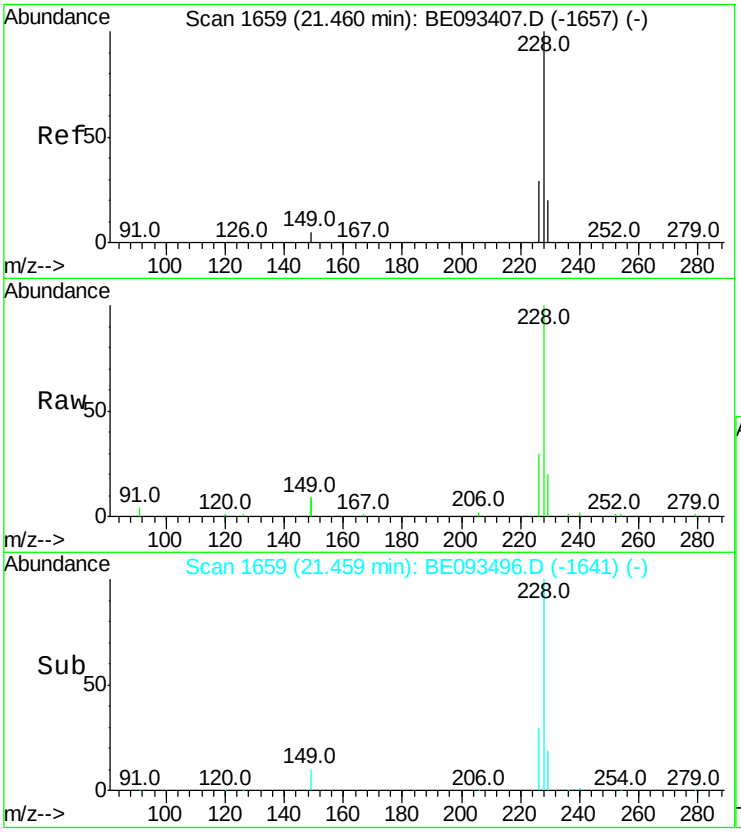


#30
Benzo(a)anthracene
Concen: 0.406 ng
RT: 21.40 min Scan# 1654
Delta R.T. -0.00 min
Lab File: BE093496.D
Acq: 20 Jul 2017 11:27

Tgt Ion:228 Resp: 40064

Ion	Ratio	Lower	Upper
228	100		
226	27.6	19.7	29.5
229	20.2	19.2	28.8



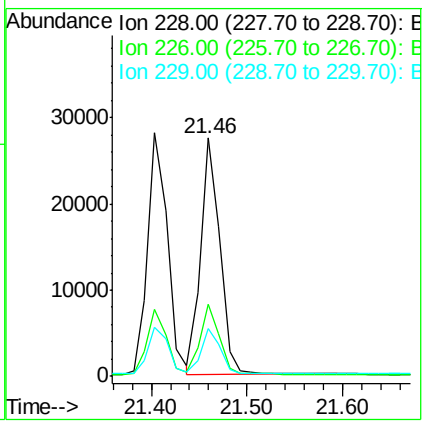


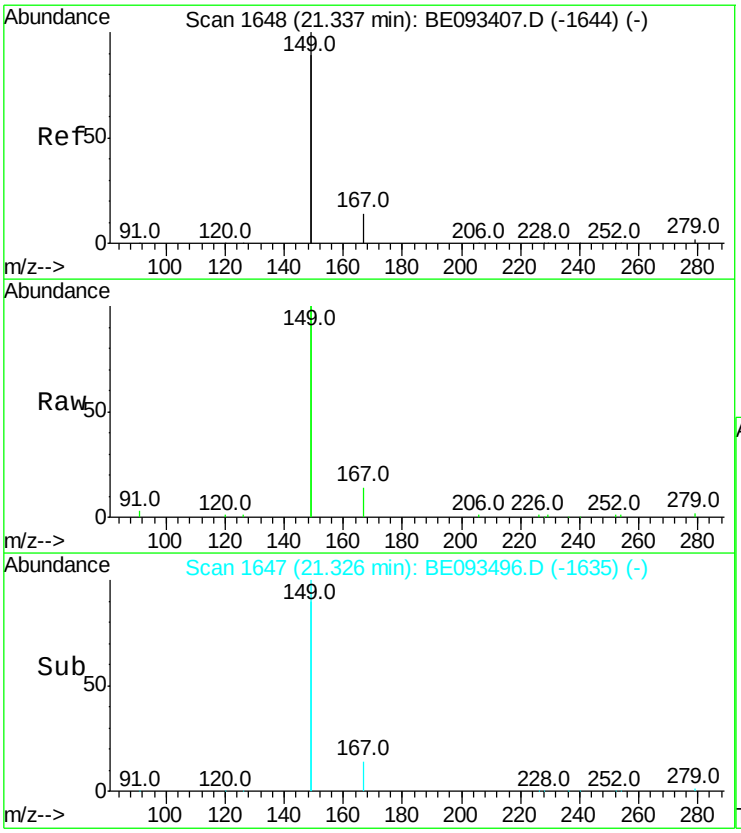
#31
Chrysene
Concen: 0.374 ng
RT: 21.46 min Scan# 1659
Delta R.T. -0.00 min
Lab File: BE093496.D
Acq: 20 Jul 2017 11:27

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:228 Resp: 38554

Ion	Ratio	Lower	Upper
228	100		
226	30.2	21.5	32.3
229	20.3	18.6	28.0

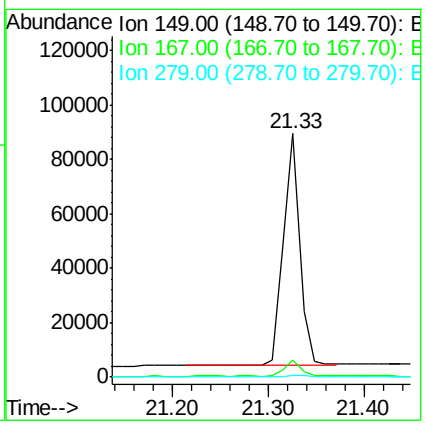


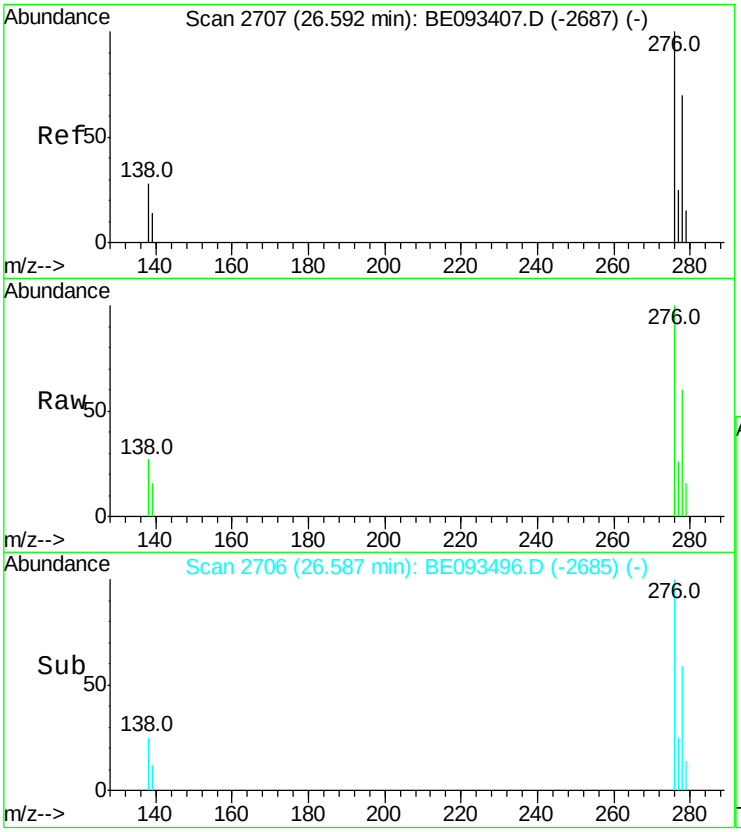


#32
Bis(2-ethylhexyl)phthalate
Concen: 0.719 ng
RT: 21.33 min Scan# 1647
Delta R.T. -0.01 min
Lab File: BE093496.D
Acq: 20 Jul 2017 11:27

Tgt Ion:149 Resp: 102150

Ion	Ratio	Lower	Upper
149	100		
167	6.6	20.1	30.1#
279	0.9	2.2	3.4#



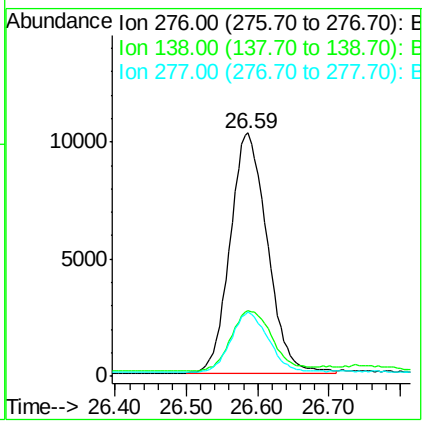


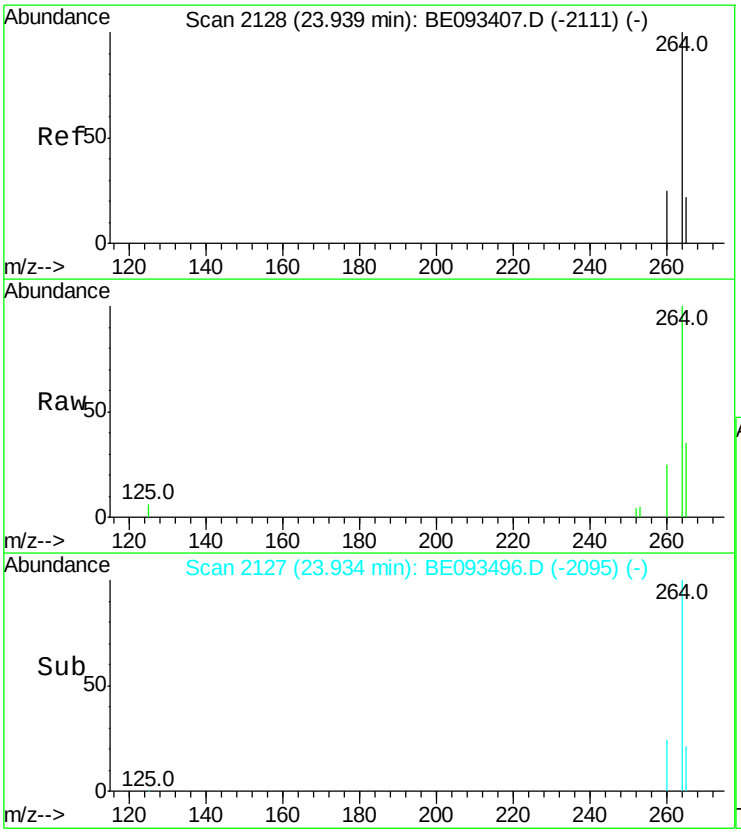
#33
Indeno(1,2,3-cd)pyrene
Concen: 0.411 ng
RT: 26.59 min Scan# 2706
Delta R.T. -0.00 min
Lab File: BE093496.D
Acq: 20 Jul 2017 11:27

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:276 Resp: 37184

Ion	Ratio	Lower	Upper
276	100		
138	28.0	27.4	41.2
277	25.2	20.1	30.1

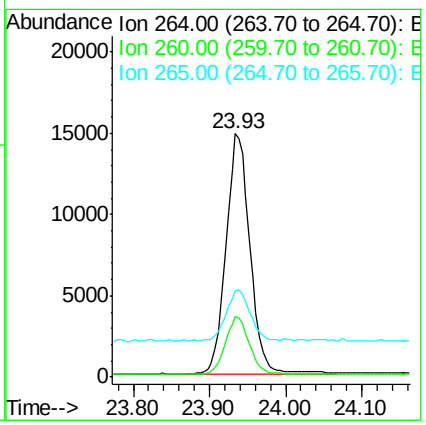


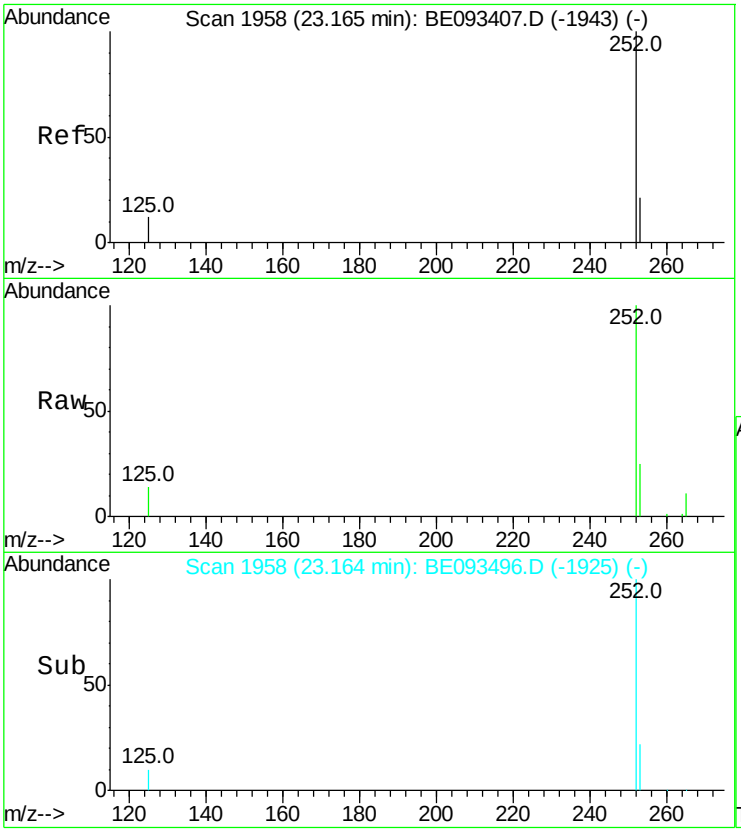


#34
Perylene-d12
Concen: 0.400 ng
RT: 23.93 min Scan# 2127
Delta R.T. -0.00 min
Lab File: BE093496.D
Acq: 20 Jul 2017 11:27

Tgt Ion:264 Resp: 32405

Ion	Ratio	Lower	Upper
264	100		
260	25.0	21.0	31.4
265	35.3	24.6	36.8



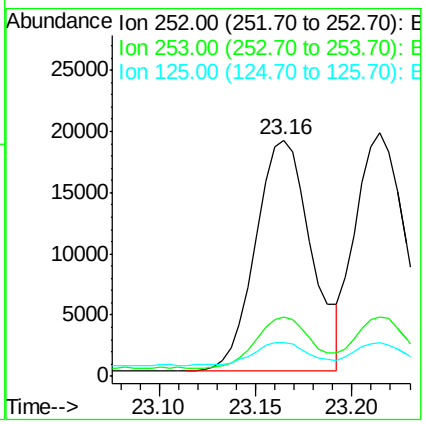


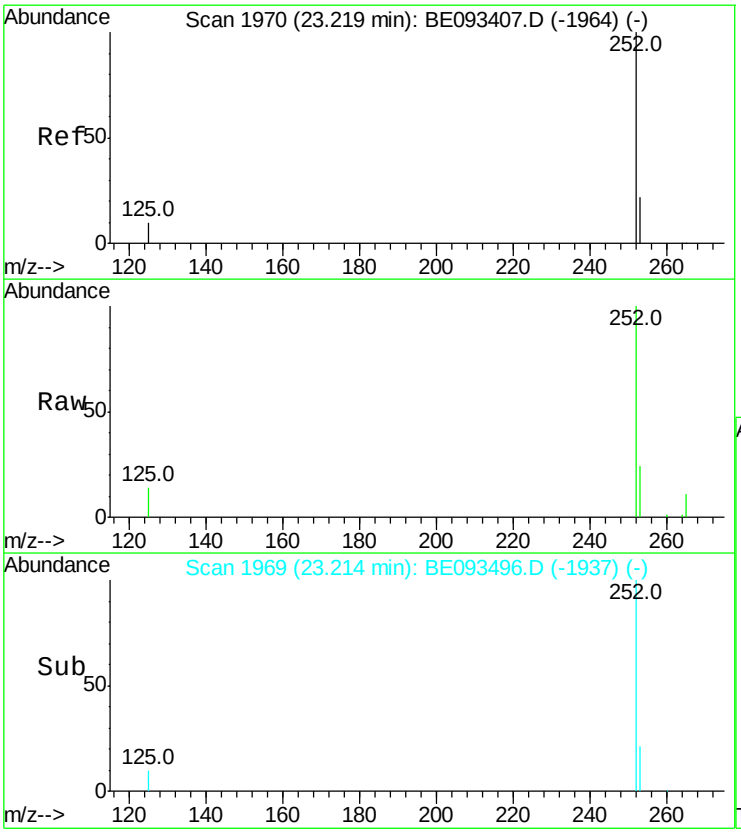
#35
Benzo(b)fluoranthene
Concen: 0.362 ng
RT: 23.16 min Scan# 1958
Delta R.T. -0.00 min
Lab File: BE093496.D
Acq: 20 Jul 2017 11:27

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:252 Resp: 37886

Ion	Ratio	Lower	Upper
252	100		
253	25.4	18.5	27.7
125	14.4	13.4	20.0

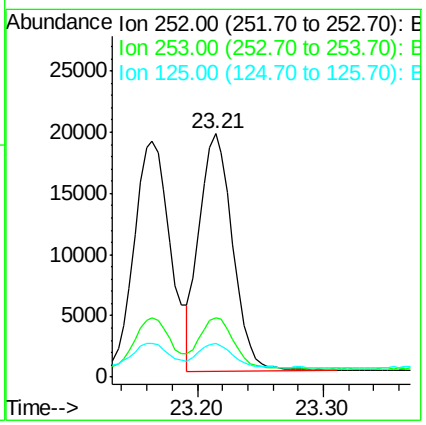


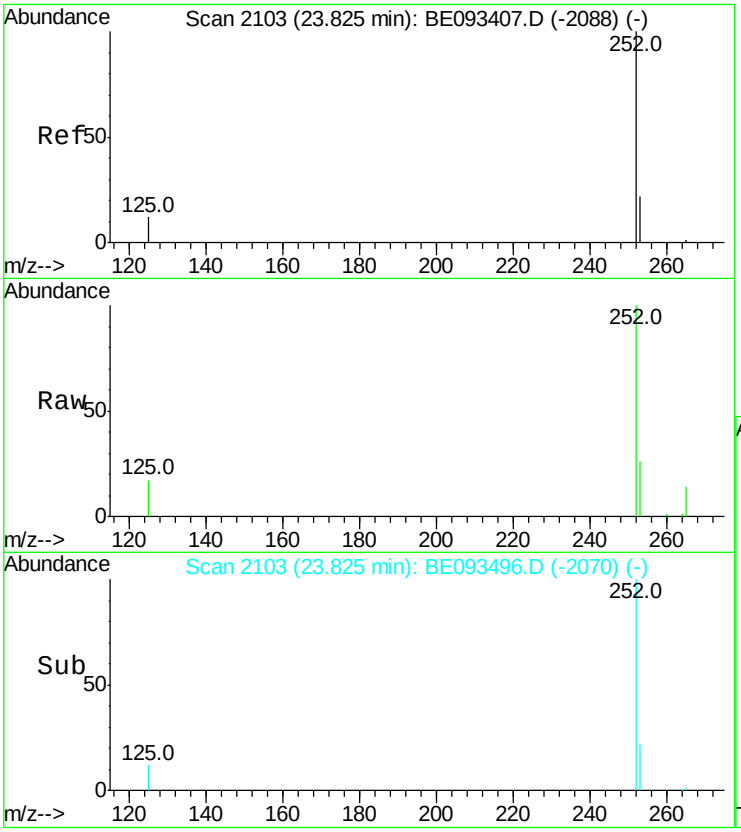


#36
Benzo(k)fluoranthene
Concen: 0.343 ng
RT: 23.21 min Scan# 1969
Delta R.T. -0.00 min
Lab File: BE093496.D
Acq: 20 Jul 2017 11:27

Tgt Ion:252 Resp: 35468

Ion	Ratio	Lower	Upper
252	100		
253	24.4	20.3	30.5
125	13.9	12.2	18.4



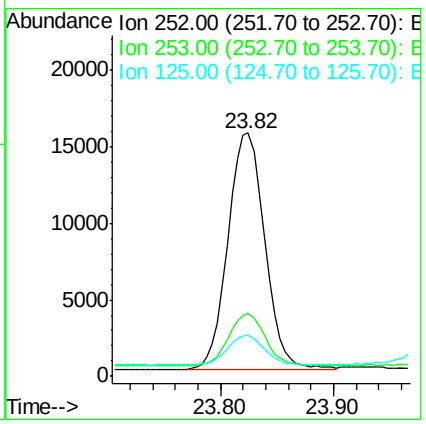


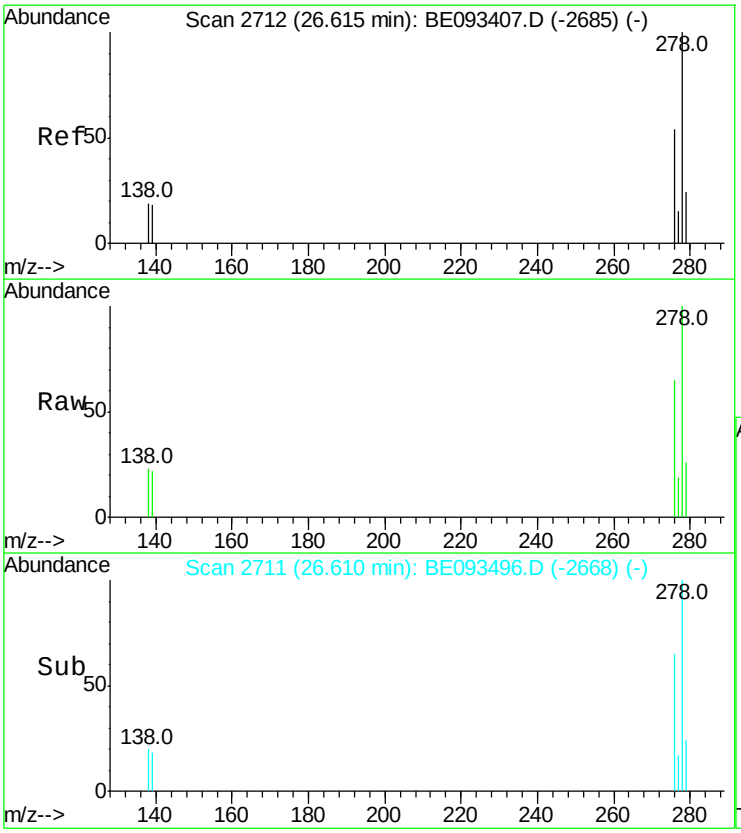
#37
Benzo(a)pyrene
Concen: 0.373 ng
RT: 23.82 min Scan# 2103
Delta R.T. -0.00 min
Lab File: BE093496.D
Acq: 20 Jul 2017 11:27

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:252 Resp: 34225

Ion	Ratio	Lower	Upper
252	100		
253	25.7	19.9	29.9
125	16.8	14.6	21.8

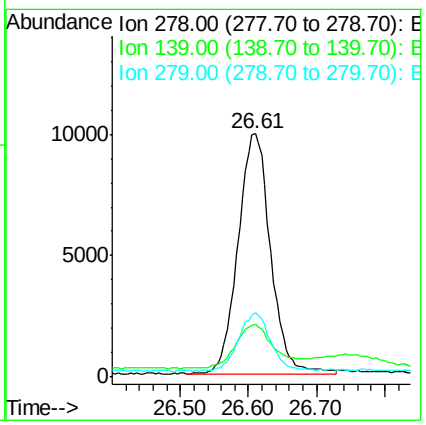


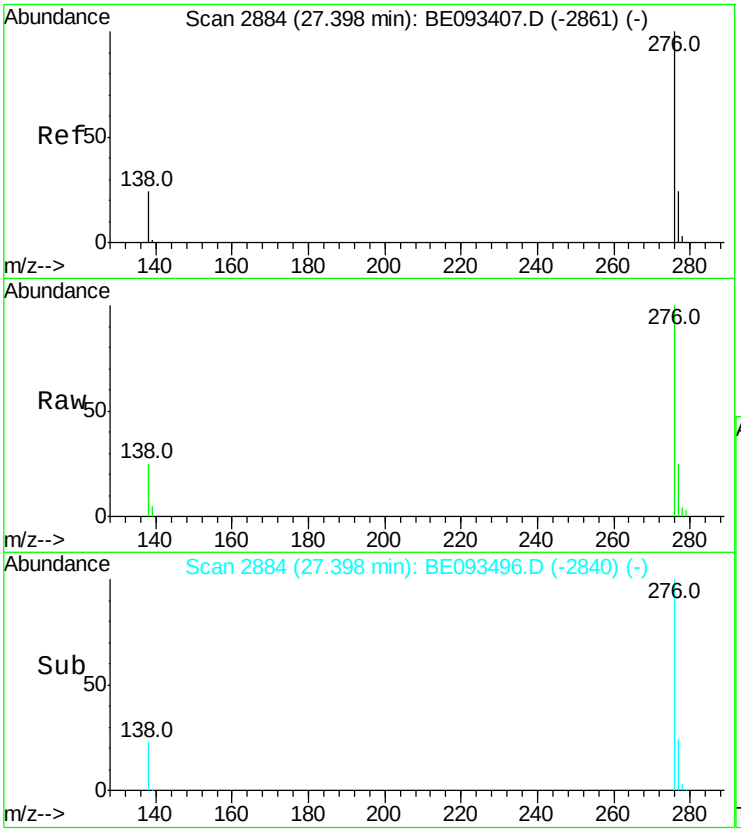


#38
Dibenzo(a,h)anthracene
Concen: 0.368 ng
RT: 26.61 min Scan# 2711
Delta R.T. -0.00 min
Lab File: BE093496.D
Acq: 20 Jul 2017 11:27

Tgt Ion:278 Resp: 32760

Ion	Ratio	Lower	Upper
278	100		
139	21.6	21.4	32.0
279	26.3	22.2	33.2





#39
Benzo(g,h,i)perylene
Concen: 0.362 ng
RT: 27.40 min Scan# 2884
Delta R.T. -0.00 min
Lab File: BE093496.D
Acq: 20 Jul 2017 11:27

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:276 Resp: 32558

Ion	Ratio	Lower	Upper
276	100		
277	25.4	21.2	31.8
138	25.4	24.5	36.7