Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA_E\DATA\BE080717\
Data File : BE093699.D
Acq On : 7 Aug 2017 12:59
Operator : SJ/JU
Sample : SSTDICV0.4
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument : BNA_E
ClientSampleId : DFTPP

Quant Time: Aug 07 13:33:48 2017
Quant Method : Z:\HPCHEM1\BNA_E\METHODS\8270-SIM-BE080717.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Aug 07 13:26:24 2017
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.92	152	2715	0.40	ng		0.00
7) Naphthalene-d8	10.71	136	13817	0.40	ng		0.00
13) Acenaphthene-d10	14.53	164	7875	0.40	ng		0.00
19) Phenanthrene-d10	17.24	188	19718	0.40	ng		0.00
27) Chrysene-d12	21.40	240	20240	0.40	ng		0.00
34) Perylene-d12	23.91	264	17788	0.40	ng		0.00
System Monitoring Compounds							
4) 2-Fluorophenol	5.52	112	3527	0.40	ng		0.00
5) Phenol-d6	7.09	99	5201	0.39	ng		0.00
8) Nitrobenzene-d5	9.06	82	4338	0.37	ng		0.00
11) 2-Methylnaphthalene-d10	12.29	152	8766	0.39	ng		0.00
14) 2,4,6-Tribromophenol	16.00	330	702	0.33	ng		0.00
15) 2-Fluorobiphenyl	13.15	172	12555	0.40	ng		0.00
25) Fluoranthene-d10	19.27	212	82338	0.37	ng		0.00
29) Terphenyl-d14	19.86	244	14009	0.39	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.44	88	1623	0.397	ng		95
3) n-Nitrosodimethylamine	3.74	42	1629	0.384	ng		93
6) bis(2-Chloroethyl)ether	7.34	93	4106	0.396	ng	#	97
9) Naphthalene	10.76	128	62383	0.394	ng		100
10) Hexachlorobutadiene	11.04	225	2351	0.400	ng		99
12) 2-Methylnaphthalene	12.36	142	10527	0.394	ng		96
16) Acenaphthylene	14.24	152	15458	0.390	ng	#	87
17) Acenaphthene	14.58	154	10246	0.384	ng		99
18) Fluorene	15.56	166	13461	0.390	ng	#	87
20) 4-Bromophenyl-phenylether	16.45	248	2175	0.390	ng	#	88
21) Hexachlorobenzene	16.58	284	2290	0.385	ng	#	100
22) Pentachlorophenol	16.91	266	1277	0.297	ng		98
23) Phenanthrene	17.27	178	16945	0.404	ng	#	79
24) Anthracene	17.37	178	23118	0.362	ng	#	89
26) Fluoranthene	19.30	202	24766	0.360	ng		99
28) Pyrene	19.66	202	25524	0.385	ng	#	99
30) Benzo(a)anthracene	21.39	228	24853	0.387	ng		96
31) Chrysene	21.45	228	25727	0.393	ng		95
32) Bis(2-ethylhexyl)phthalate	21.30	149	43674	0.317	ng		98
33) Indeno(1,2,3-cd)pyrene	26.55	276	24790	0.393	ng		94
35) Benzo(b)fluoranthene	23.14	252	24195	0.392	ng	#	95
36) Benzo(k)fluoranthene	23.19	252	24551	0.398	ng	#	93
37) Benzo(a)pyrene	23.80	252	22607	0.389	ng	#	93
38) Dibenzo(a,h)anthracene	26.57	278	21553	0.396	ng	#	90
39) Benzo(g,h,i)perylene	27.37	276	21804	0.399	ng	#	92

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

Quantitation Report (Not Reviewed)

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Operator : SJ/JU
Sample : SSTDICV0.4
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument : BNA_E
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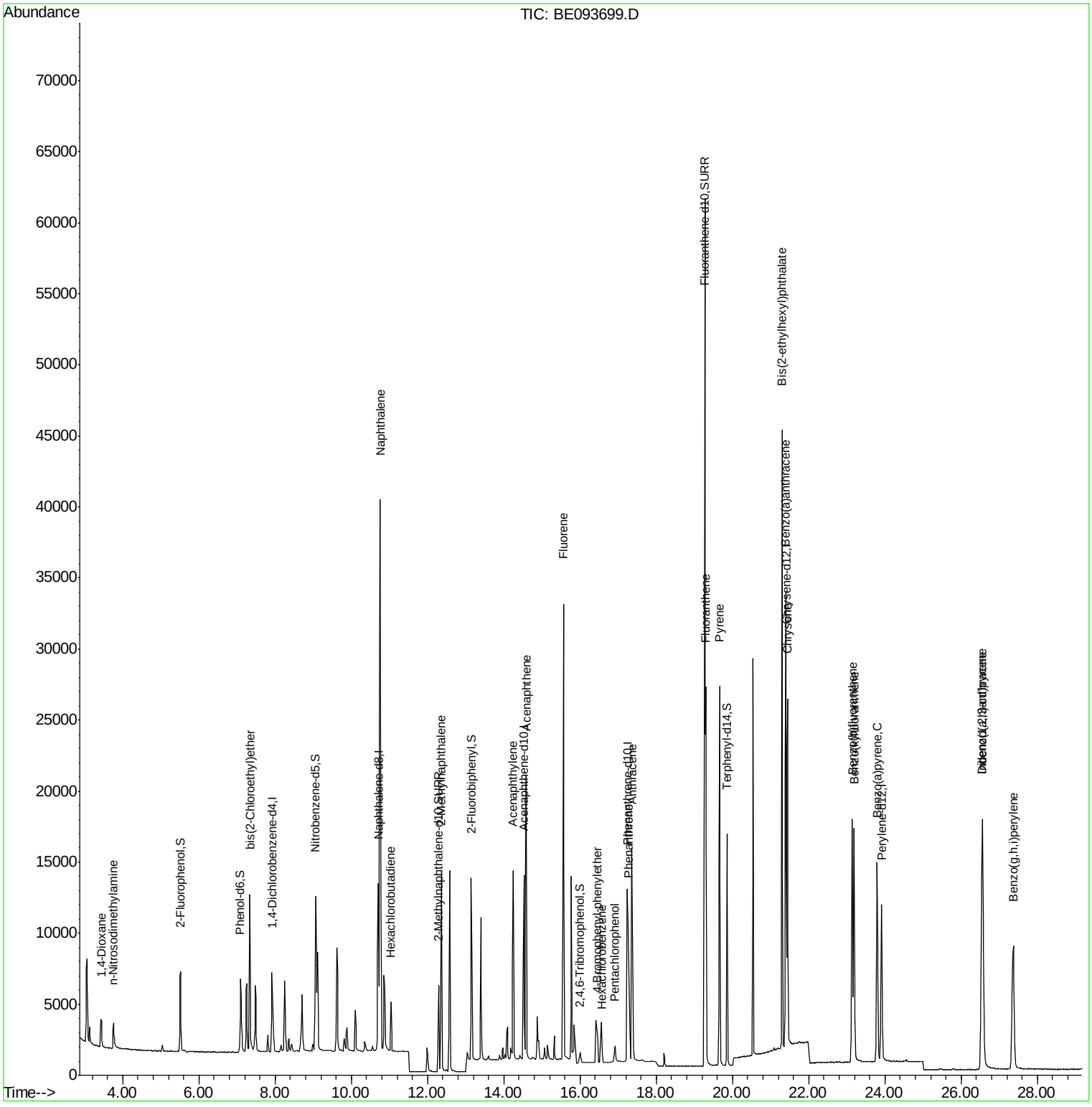
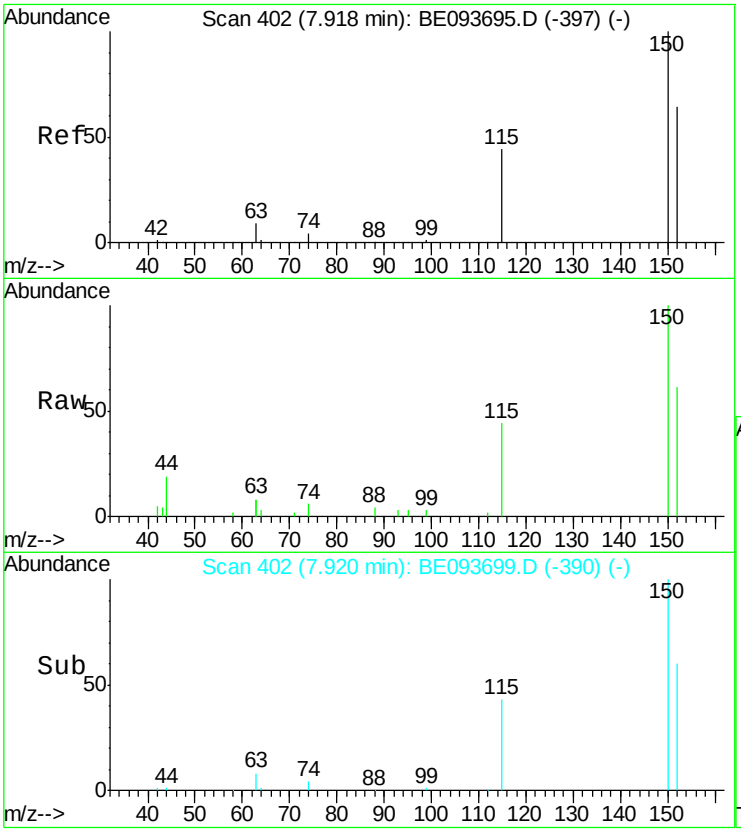
Quant Time: Aug 07 13:33:48 2017
Quant Method : Z:\HPCHEM1\BNA_E\METHODS\8270-SIM-BE080717.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Aug 07 13:26:24 2017
Response via : Initial Calibration



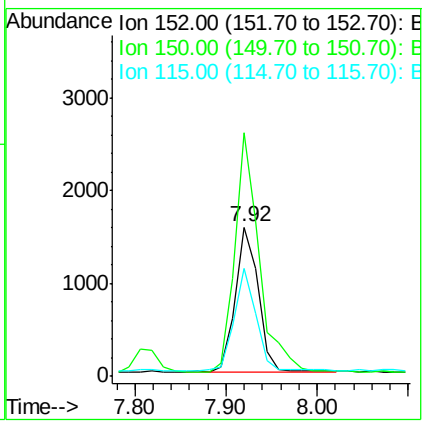


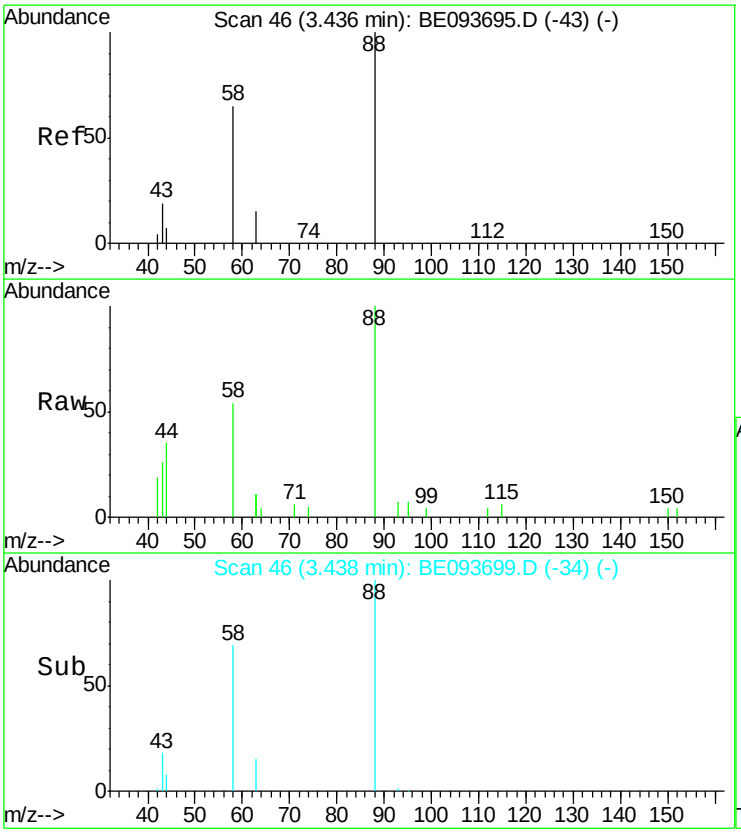
#1
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.92 min Scan# 402
Delta R.T. 0.00 min
Lab File: BE093699.D
Acq: 7 Aug 2017 12:59

Instrument :
BNA_E
ClientSampleId :
DFTPP

Tgt Ion:152 Resp: 2715

Ion	Ratio	Lower	Upper
152	100		
150	163.2	125.1	187.7
115	72.3	55.7	83.5

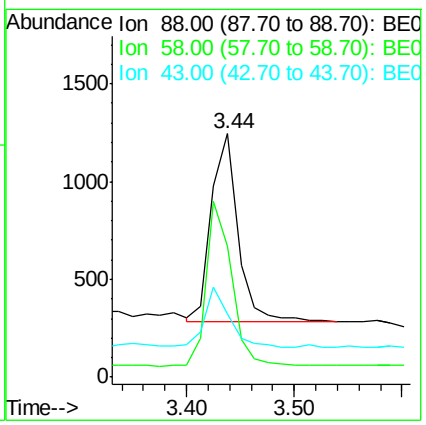


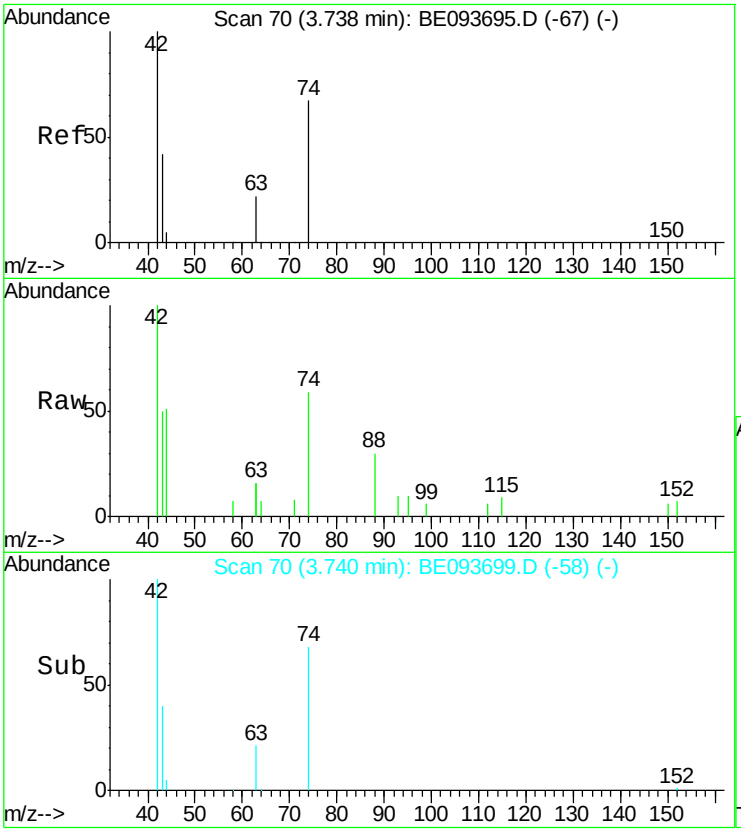


#2
1,4-Dioxane
Concen: 0.397 ng
RT: 3.44 min Scan# 46
Delta R.T. 0.00 min
Lab File: BE093699.D
Acq: 7 Aug 2017 12:59

Tgt Ion: 88 Resp: 1623

Ion	Ratio	Lower	Upper
88	100		
58	83.9	62.2	93.4
43	29.6	23.2	34.8



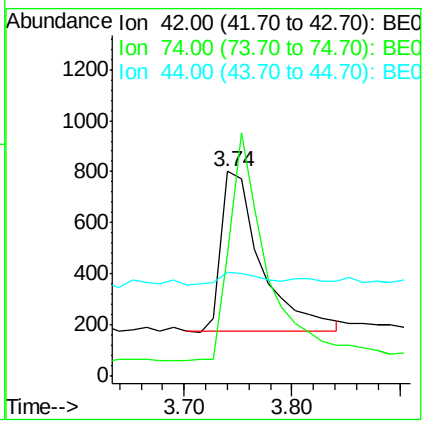


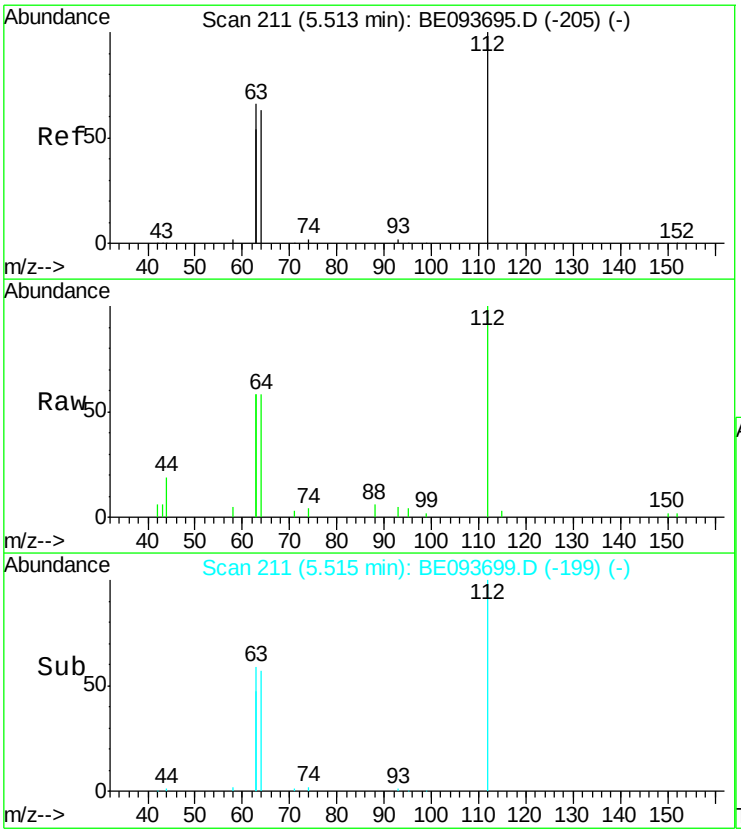
#3
n-Nitrosodimethylamine
Concen: 0.384 ng
RT: 3.74 min Scan# 70
Delta R.T. 0.00 min
Lab File: BE093699.D
Acq: 7 Aug 2017 12:59

Instrument :
BNA_E
ClientSampleId :
DFTPP

Tgt Ion: 42 Resp: 1629

Ion	Ratio	Lower	Upper
42	100		
74	131.9	99.1	148.7
44	8.3	7.4	11.2

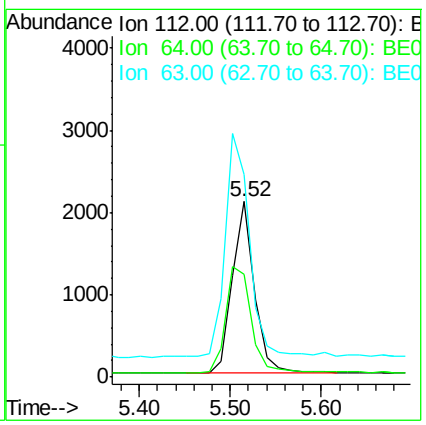


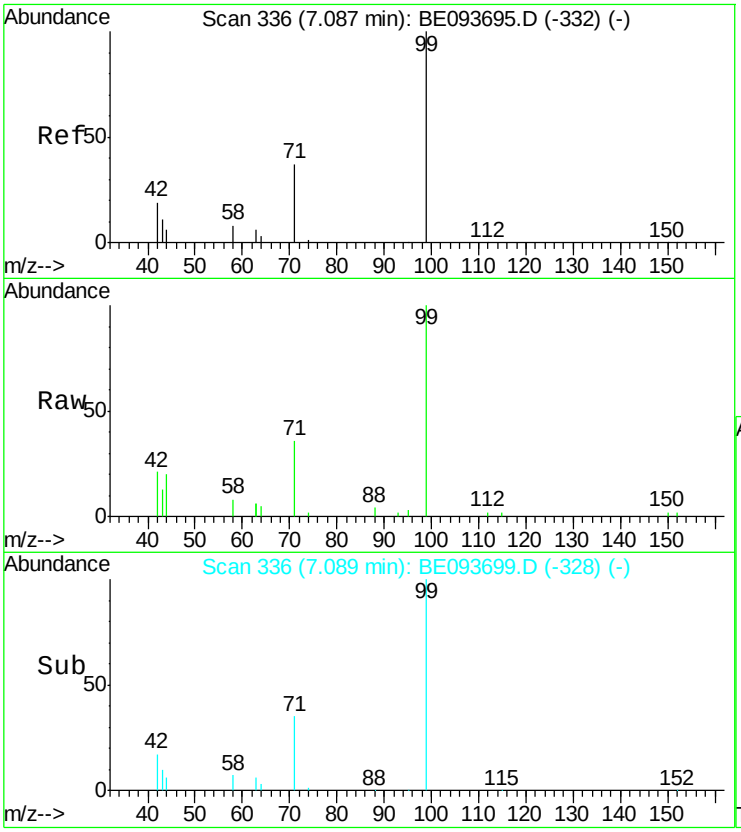


#4
2-Fluorophenol
Concen: 0.402 ng
RT: 5.52 min Scan# 211
Delta R.T. 0.00 min
Lab File: BE093699.D
Acq: 7 Aug 2017 12:59

Tgt Ion:112 Resp: 3527

Ion	Ratio	Lower	Upper
112	100		
64	71.3	56.4	84.6
63	141.6	29.3	43.9#



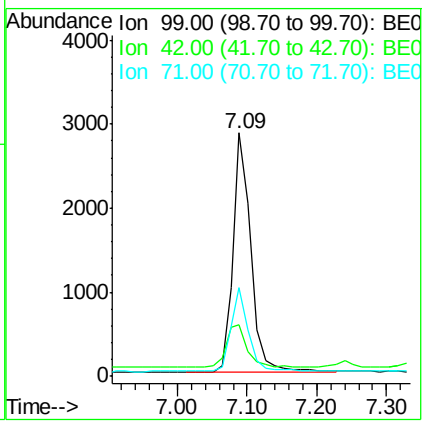


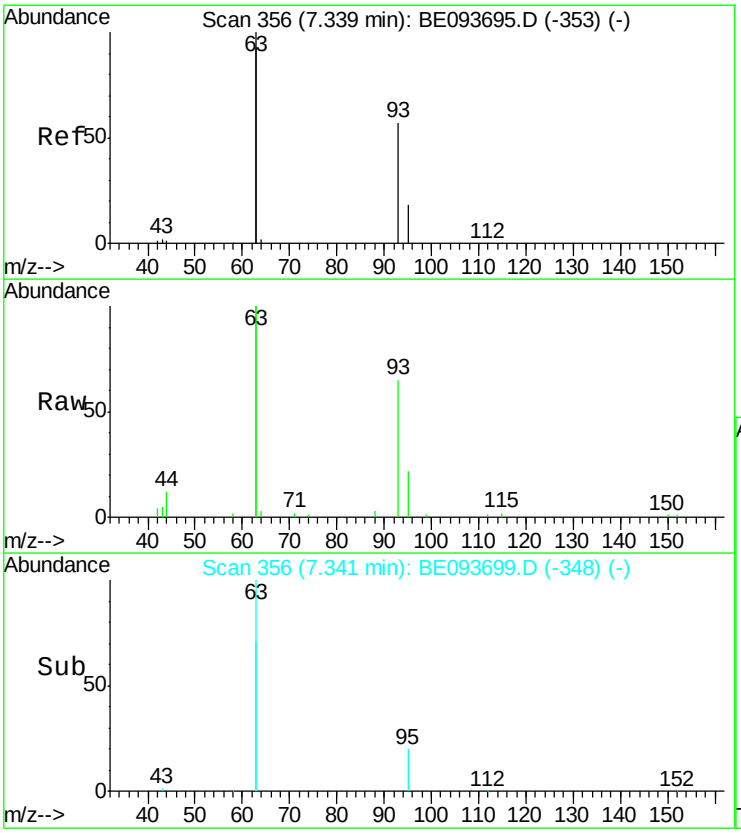
#5
Phenol-d6
Concen: 0.388 ng
RT: 7.09 min Scan# 336
Delta R.T. 0.00 min
Lab File: BE093699.D
Acq: 7 Aug 2017 12:59

Instrument :
BNA_E
ClientSampleId :
DFTPP

Tgt Ion: 99 Resp: 5201

Ion	Ratio	Lower	Upper
99	100		
42	20.5	0.0	0.0#
71	34.0	0.0	0.0#

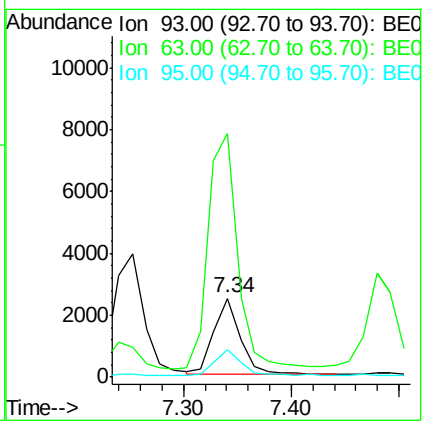


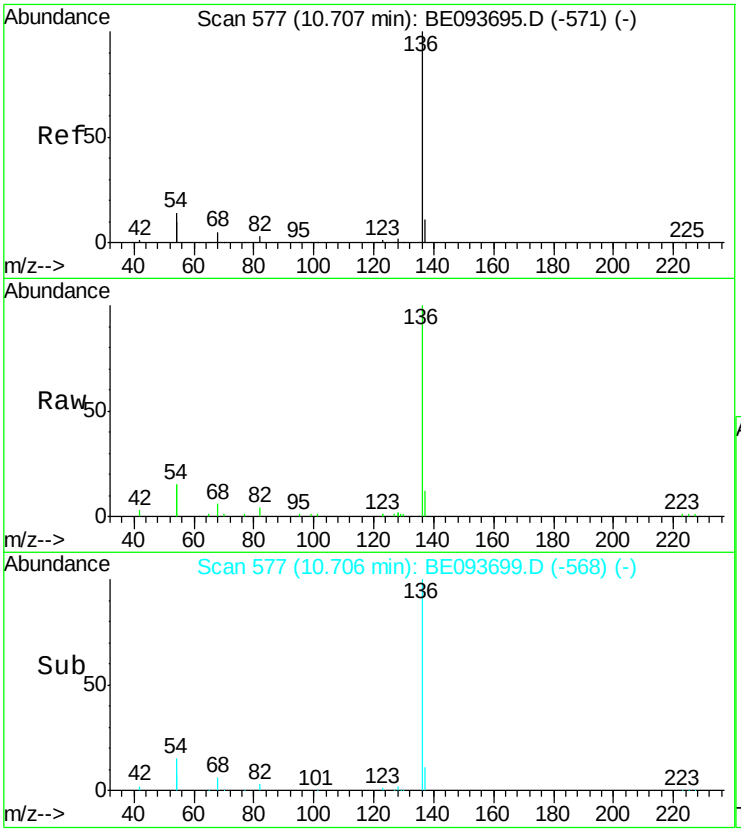


#6
bis(2-Chloroethyl)ether
Concen: 0.396 ng
RT: 7.34 min Scan# 356
Delta R.T. 0.00 min
Lab File: BE093699.D
Acq: 7 Aug 2017 12:59

Tgt Ion: 93 Resp: 4106

Ion	Ratio	Lower	Upper
93	100		
63	350.3	0.0	0.0#
95	33.4	25.4	38.0



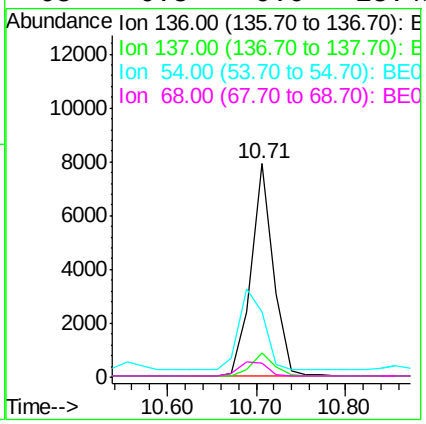


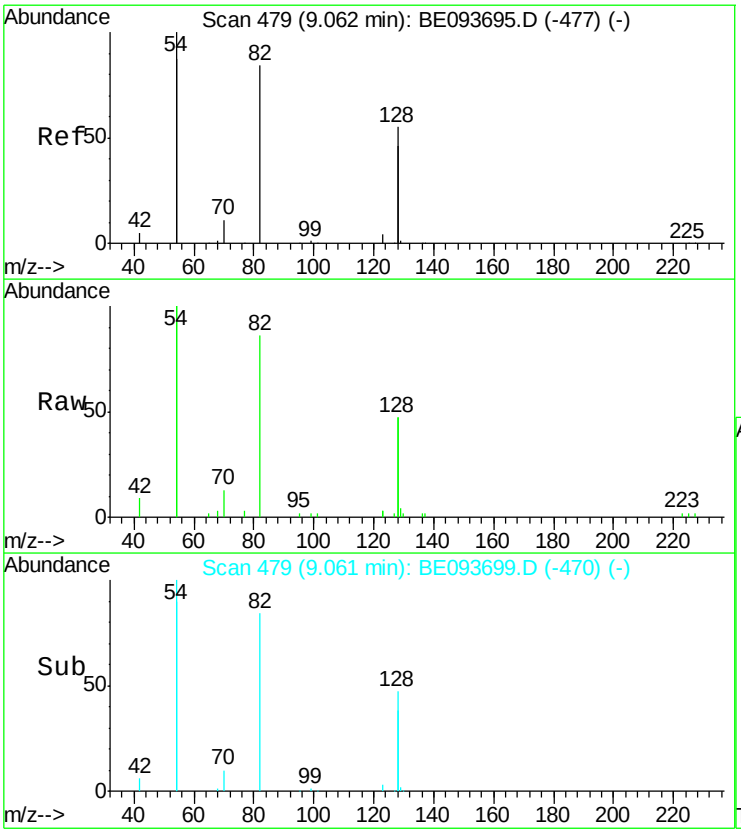
#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.71 min Scan# 577
Delta R.T. -0.00 min
Lab File: BE093699.D
Acq: 7 Aug 2017 12:59

Instrument :
BNA_E
ClientSampleId :
DFTPP

Tgt Ion:136 Resp: 13817

Ion	Ratio	Lower	Upper
136	100		
137	11.6	9.8	14.8
54	30.3	10.3	15.5#
68	6.3	9.0	13.4#

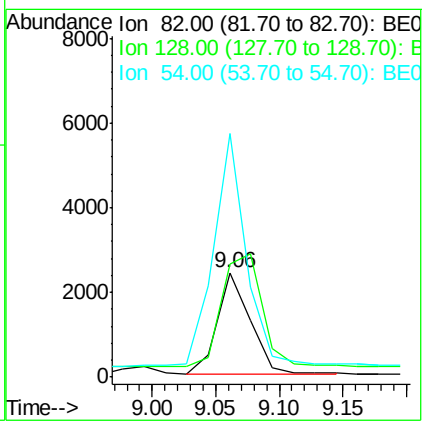


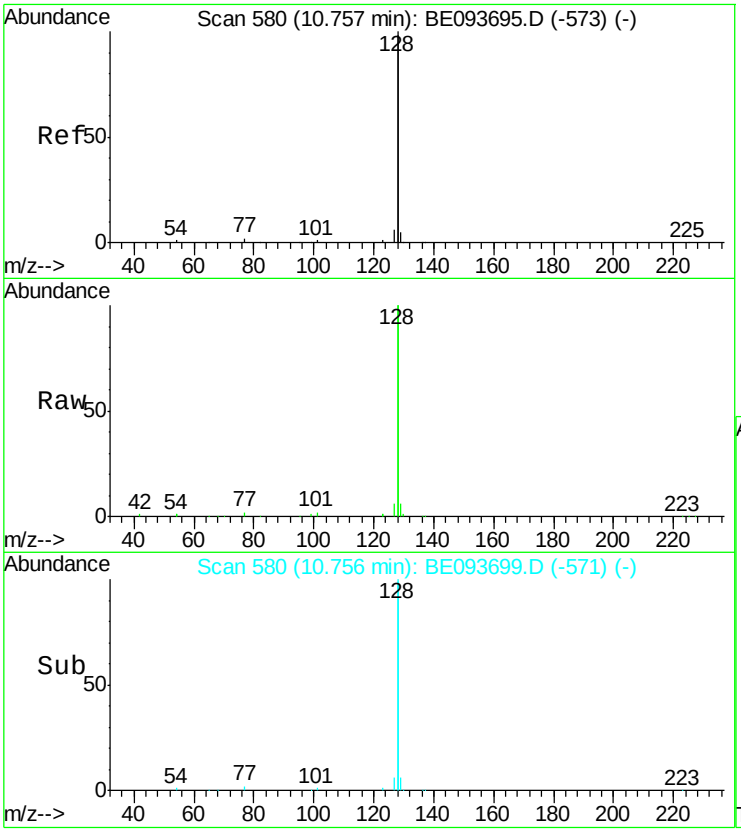


#8
Nitrobenzene-d5
Concen: 0.367 ng
RT: 9.06 min Scan# 479
Delta R.T. -0.00 min
Lab File: BE093699.D
Acq: 7 Aug 2017 12:59

Tgt Ion: 82 Resp: 4338

Ion	Ratio	Lower	Upper
82	100		
128	108.4	17.0	25.4#
54	233.0	53.8	80.6#



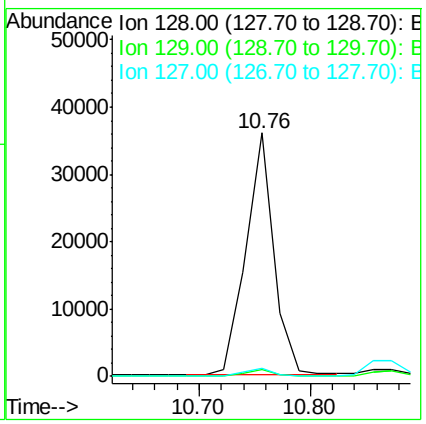


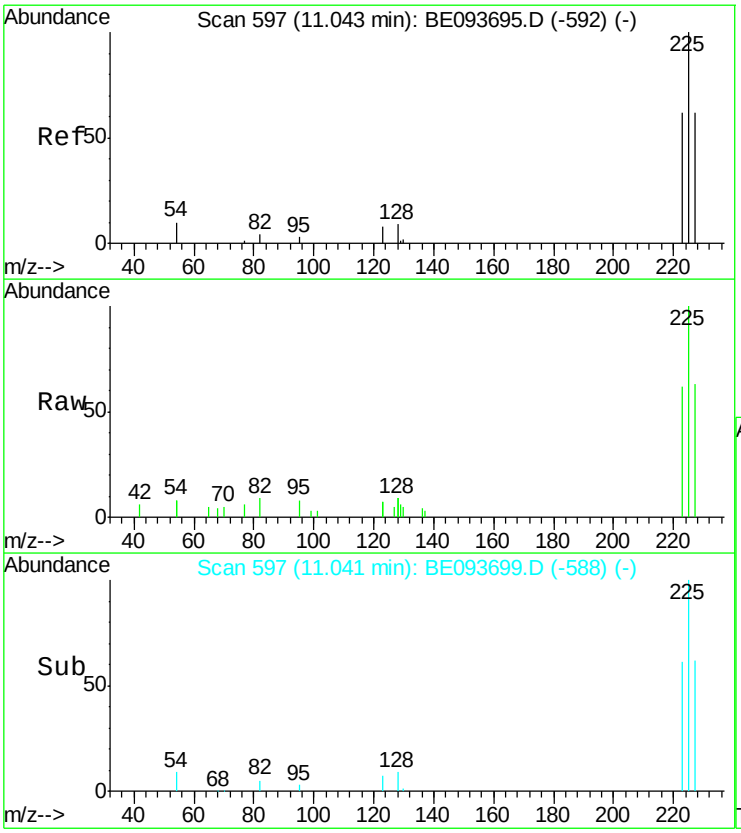
#9
Naphthalene
Concen: 0.394 ng
RT: 10.76 min Scan# 580
Delta R.T. -0.00 min
Lab File: BE093699.D
Acq: 7 Aug 2017 12:59

Instrument :
BNA_E
ClientSampleId :
DFTPP

Tgt Ion:128 Resp: 62383

Ion	Ratio	Lower	Upper
128	100		
129	3.0	2.4	3.6
127	3.2	2.4	3.6

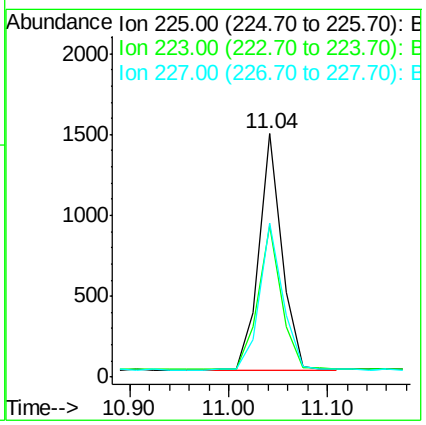


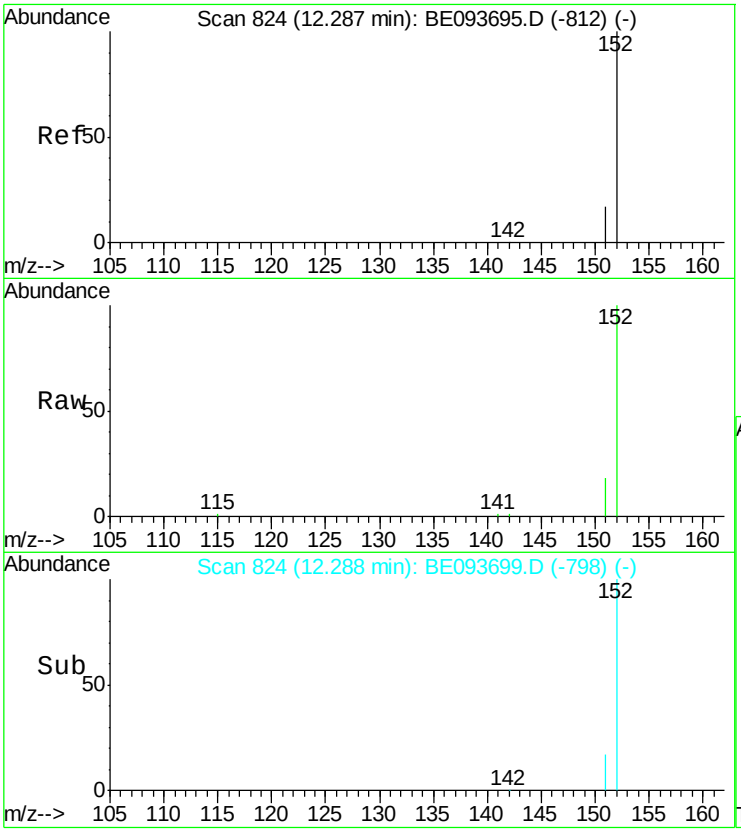


#10
Hexachlorobutadiene
Concen: 0.400 ng
RT: 11.04 min Scan# 597
Delta R.T. -0.00 min
Lab File: BE093699.D
Acq: 7 Aug 2017 12:59

Tgt Ion:225 Resp: 2351

Ion	Ratio	Lower	Upper
225	100		
223	61.3	49.7	74.5
227	63.2	50.3	75.5



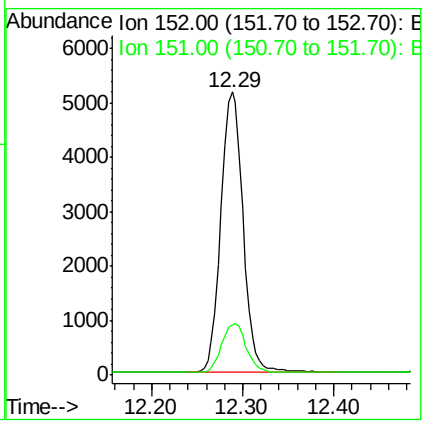


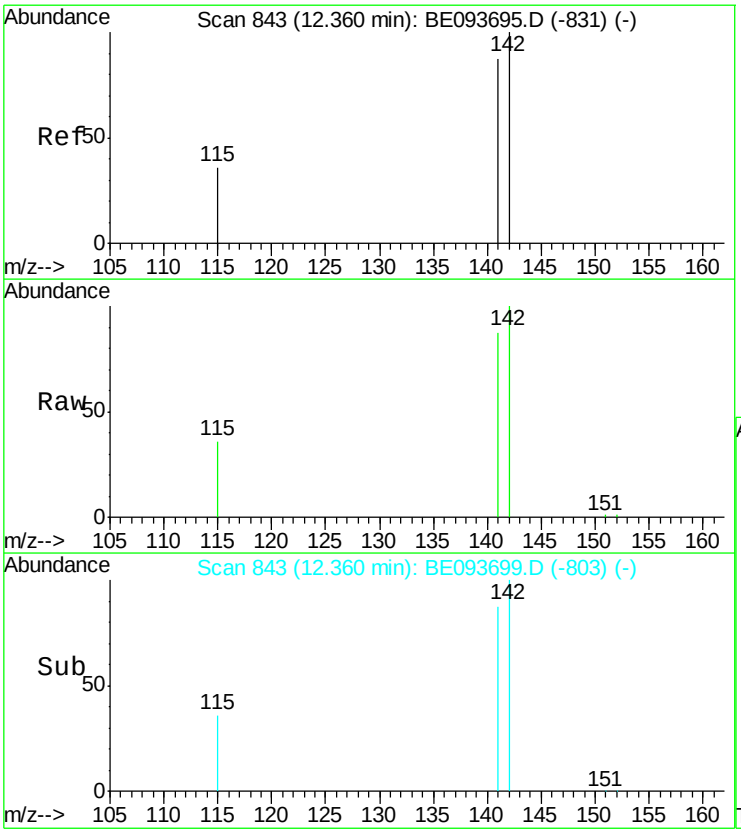
#11
2-Methylnaphthalene-d10
Concen: 0.395 ng
RT: 12.29 min Scan# 824
Delta R.T. 0.00 min
Lab File: BE093699.D
Acq: 7 Aug 2017 12:59

Instrument :
BNA_E
ClientSampleId :
DFTPP

Tgt Ion:152 Resp: 8766

Ion	Ratio	Lower	Upper
152	100		
151	19.2	15.1	22.7

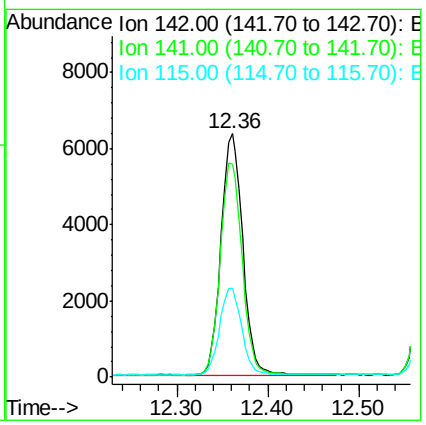


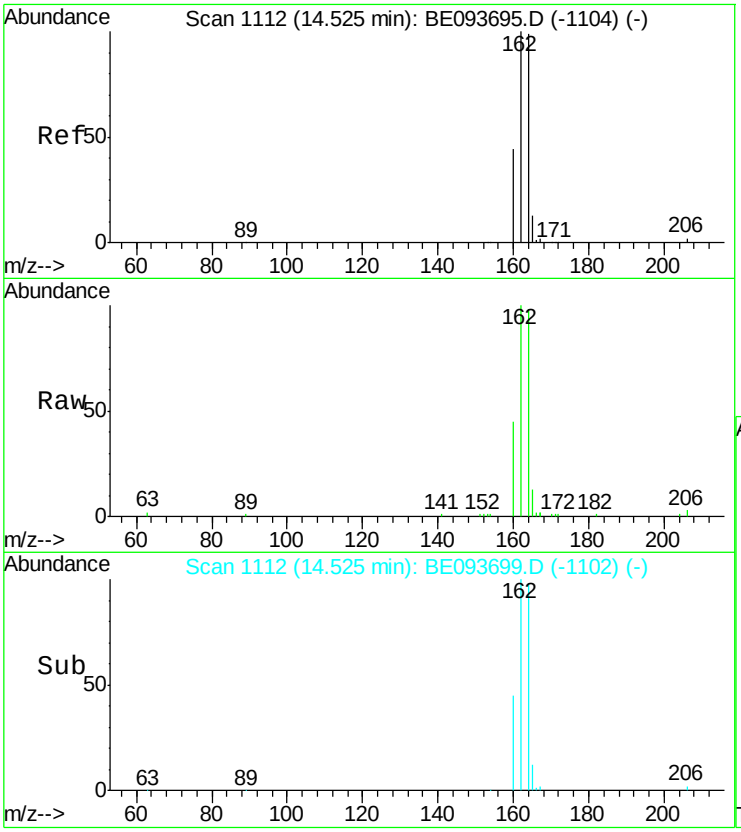


#12
2-Methylnaphthalene
Concen: 0.394 ng
RT: 12.36 min Scan# 843
Delta R.T. 0.00 min
Lab File: BE093699.D
Acq: 7 Aug 2017 12:59

Tgt Ion:142 Resp: 10527

Ion	Ratio	Lower	Upper
142	100		
141	87.3	72.6	108.8
115	36.4	32.2	48.2



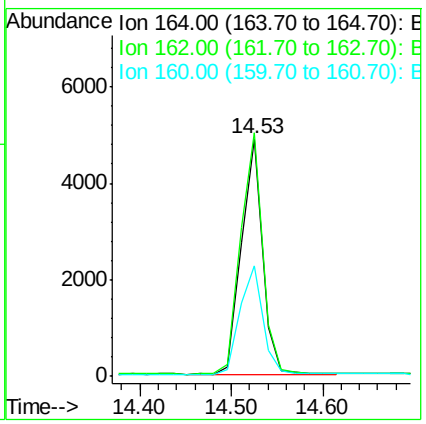


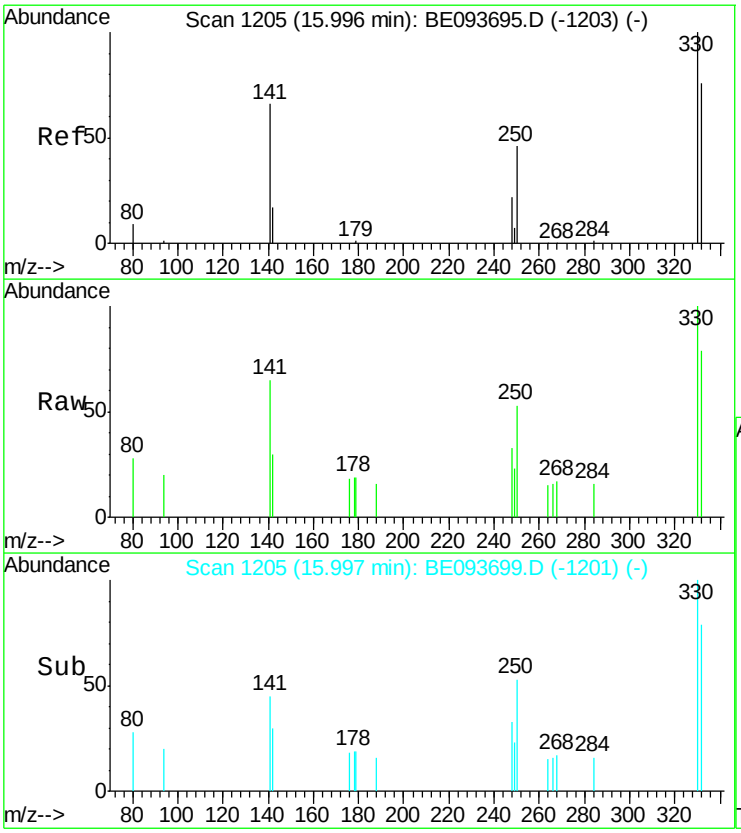
#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.53 min Scan# 1112
Delta R.T. 0.00 min
Lab File: BE093699.D
Acq: 7 Aug 2017 12:59

Instrument :
BNA_E
ClientSampleId :
DFTPP

Tgt Ion:164 Resp: 7875

Ion	Ratio	Lower	Upper
164	100		
162	102.5	84.6	127.0
160	46.4	41.8	62.6

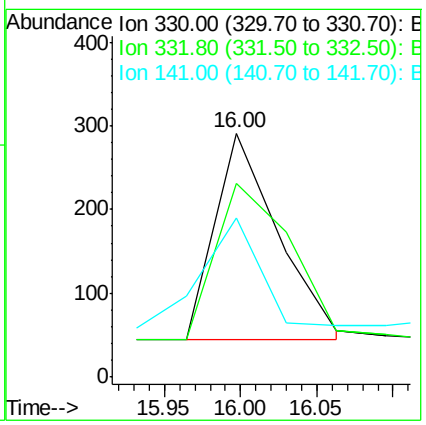


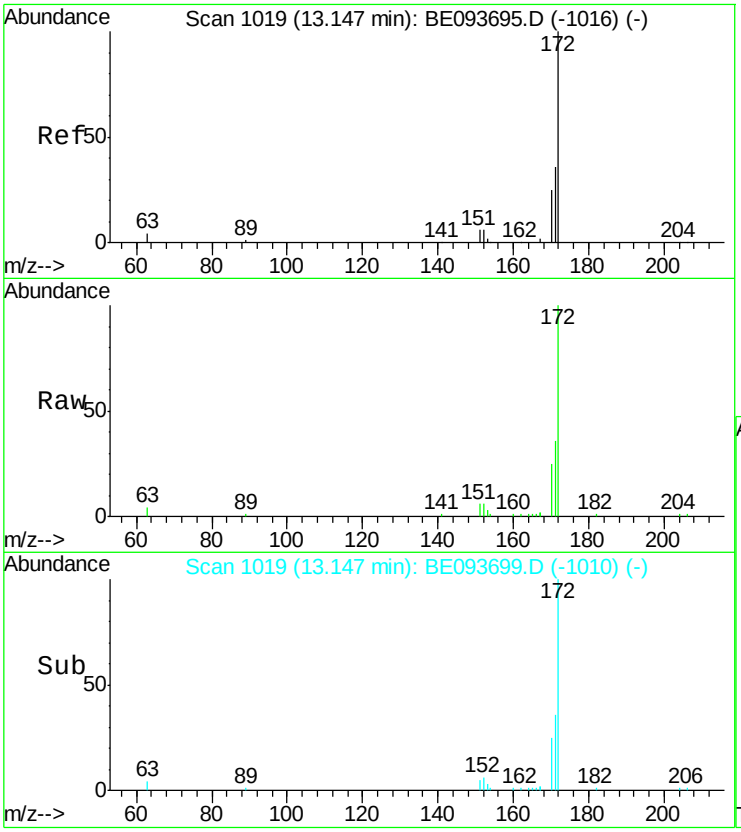


#14
2,4,6-Tribromophenol
Concen: 0.325 ng
RT: 16.00 min Scan# 1205
Delta R.T. 0.00 min
Lab File: BE093699.D
Acq: 7 Aug 2017 12:59

Tgt Ion:330 Resp: 702

Ion	Ratio	Lower	Upper
330	100		
332	91.6	77.7	116.5
141	50.4	56.2	84.4#



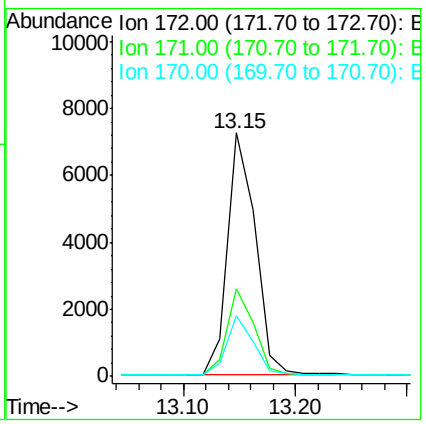


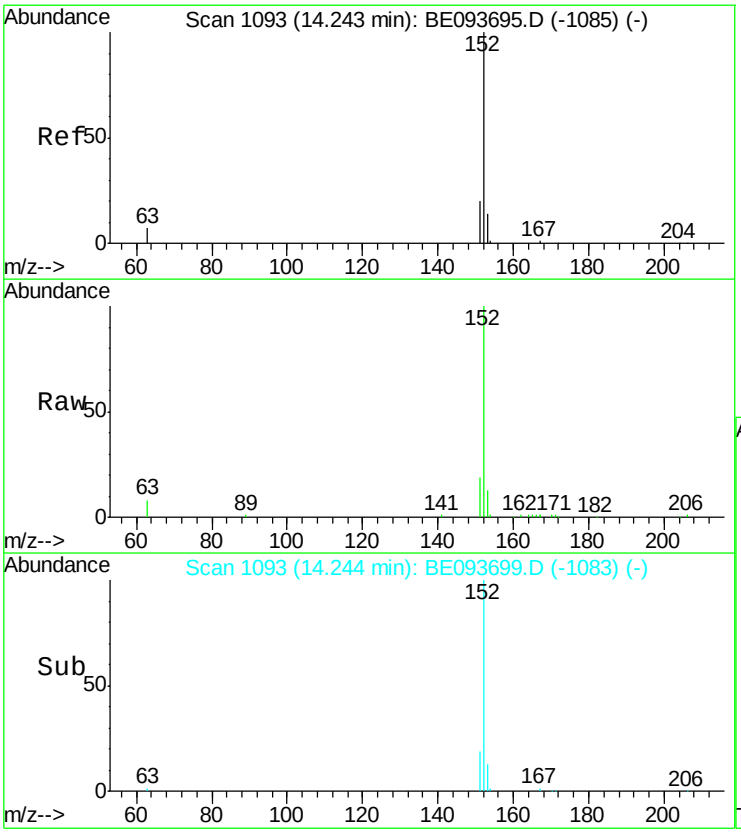
#15
2-Fluorobiphenyl
Concen: 0.404 ng
RT: 13.15 min Scan# 1019
Delta R.T. 0.00 min
Lab File: BE093699.D
Acq: 7 Aug 2017 12:59

Instrument :
BNA_E
ClientSampleId :
DFTPP

Tgt Ion:172 Resp: 12555

Ion	Ratio	Lower	Upper
172	100		
171	36.0	29.8	44.6
170	25.1	20.7	31.1

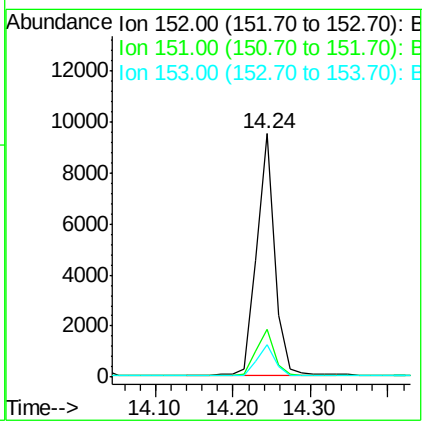


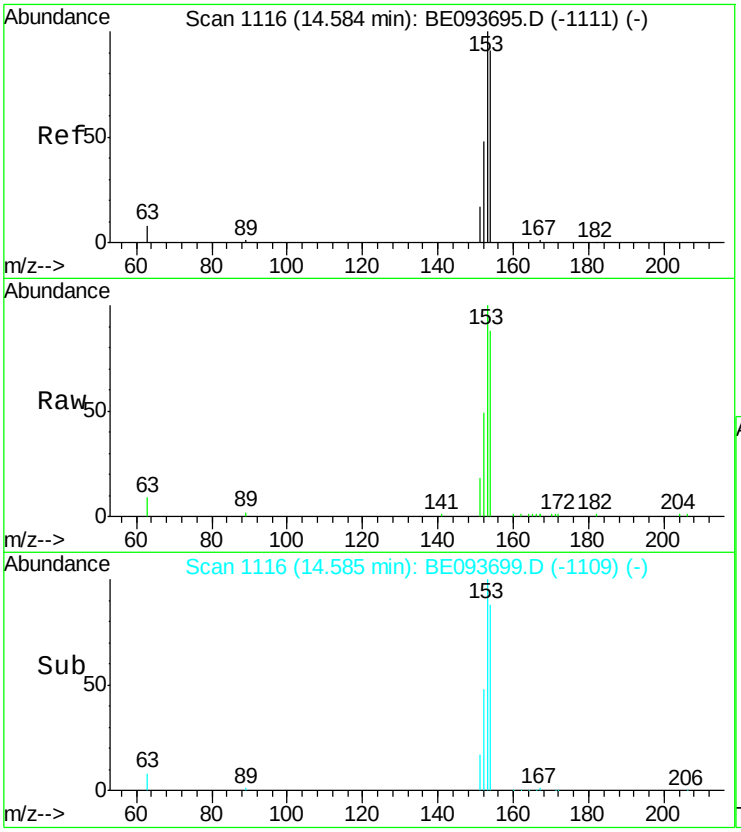


#16
Acenaphthylene
Concen: 0.390 ng
RT: 14.24 min Scan# 1093
Delta R.T. 0.00 min
Lab File: BE093699.D
Acq: 7 Aug 2017 12:59

Tgt Ion:152 Resp: 15458

Ion	Ratio	Lower	Upper
152	100		
151	19.4	4.0	6.0#
153	13.2	10.3	15.5



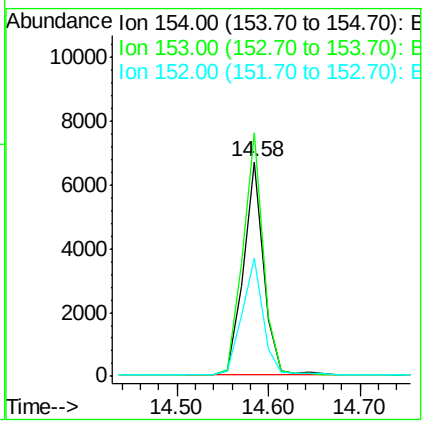


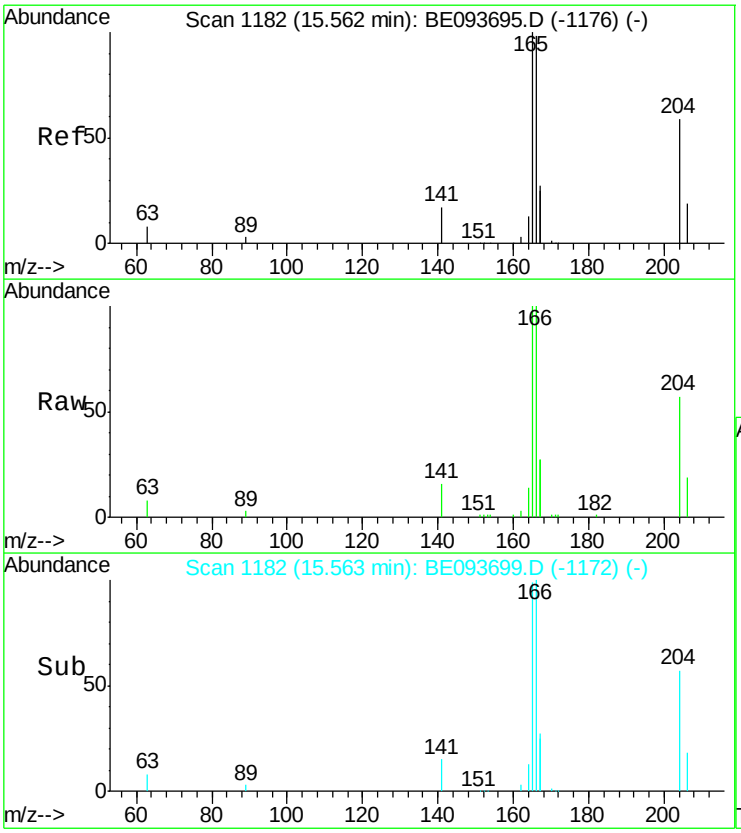
#17
Acenaphthene
Concen: 0.384 ng
RT: 14.58 min Scan# 1116
Delta R.T. 0.00 min
Lab File: BE093699.D
Acq: 7 Aug 2017 12:59

Instrument :
BNA_E
ClientSampleId :
DFTPP

Tgt Ion:154 Resp: 10246

Ion	Ratio	Lower	Upper
154	100		
153	115.2	91.2	136.8
152	56.7	44.8	67.2

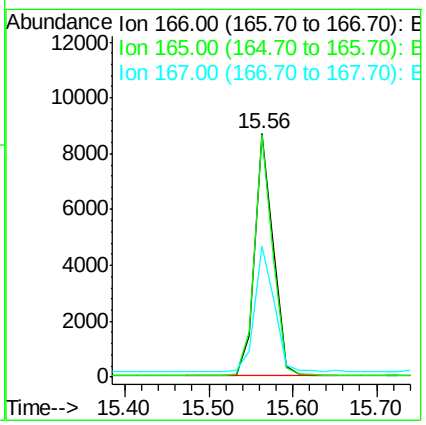


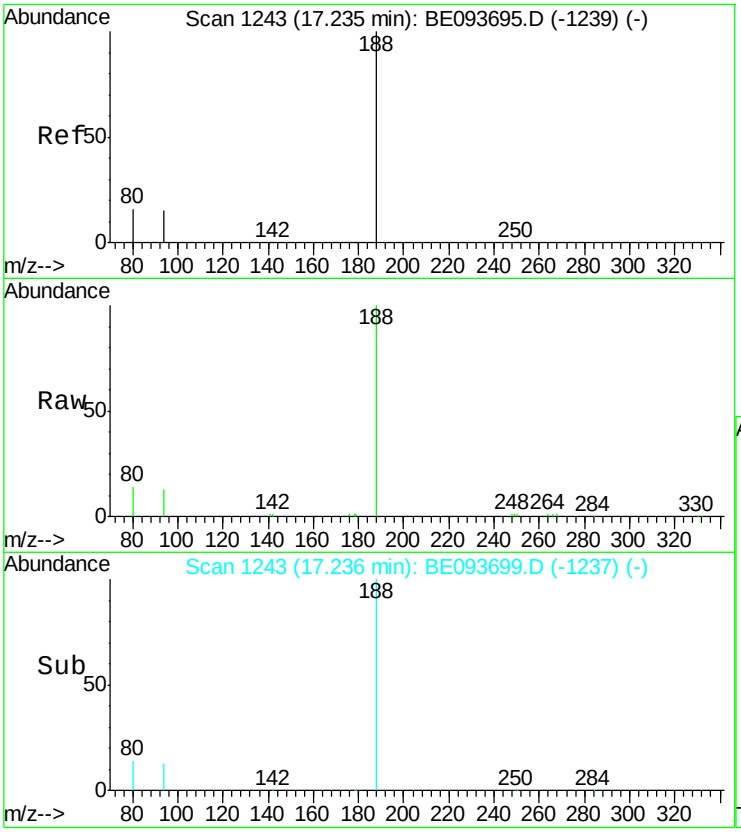


#18
Fluorene
Concen: 0.390 ng
RT: 15.56 min Scan# 1182
Delta R.T. 0.00 min
Lab File: BE093699.D
Acq: 7 Aug 2017 12:59

Tgt Ion:166 Resp: 13461

Ion	Ratio	Lower	Upper
166	100		
165	97.5	78.6	117.8
167	54.3	11.1	16.7#



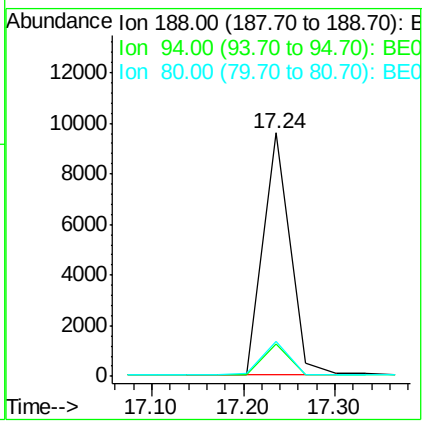


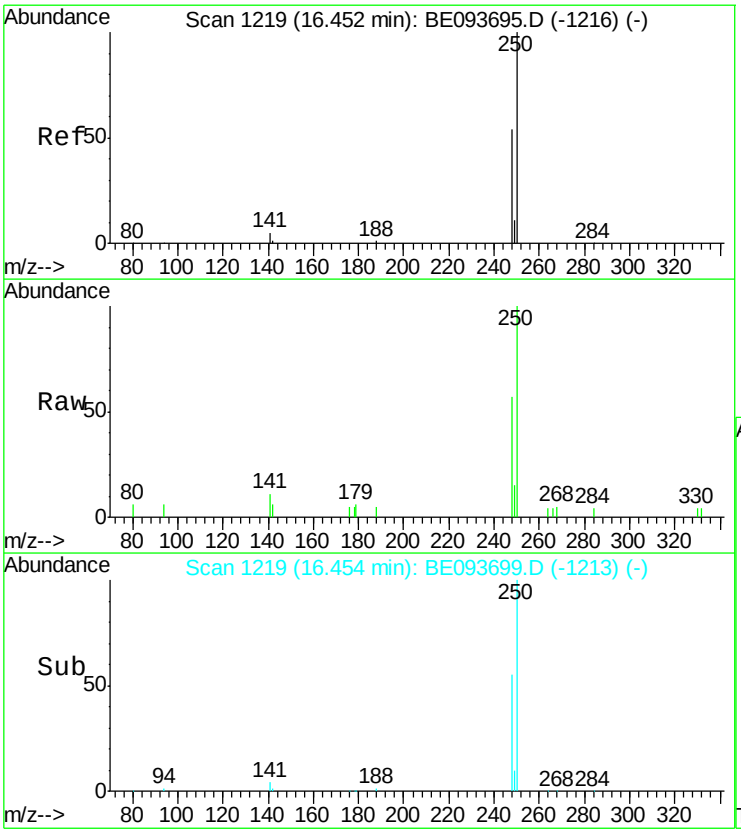
#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.24 min Scan# 1243
Delta R.T. 0.00 min
Lab File: BE093699.D
Acq: 7 Aug 2017 12:59

Instrument :
BNA_E
ClientSampleId :
DFTPP

Tgt Ion:188 Resp: 19718

Ion	Ratio	Lower	Upper
188	100		
94	13.3	11.3	16.9
80	14.3	11.7	17.5

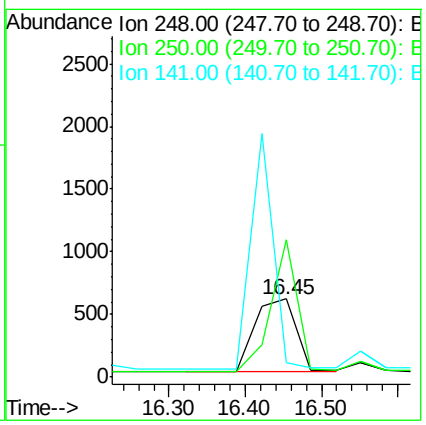


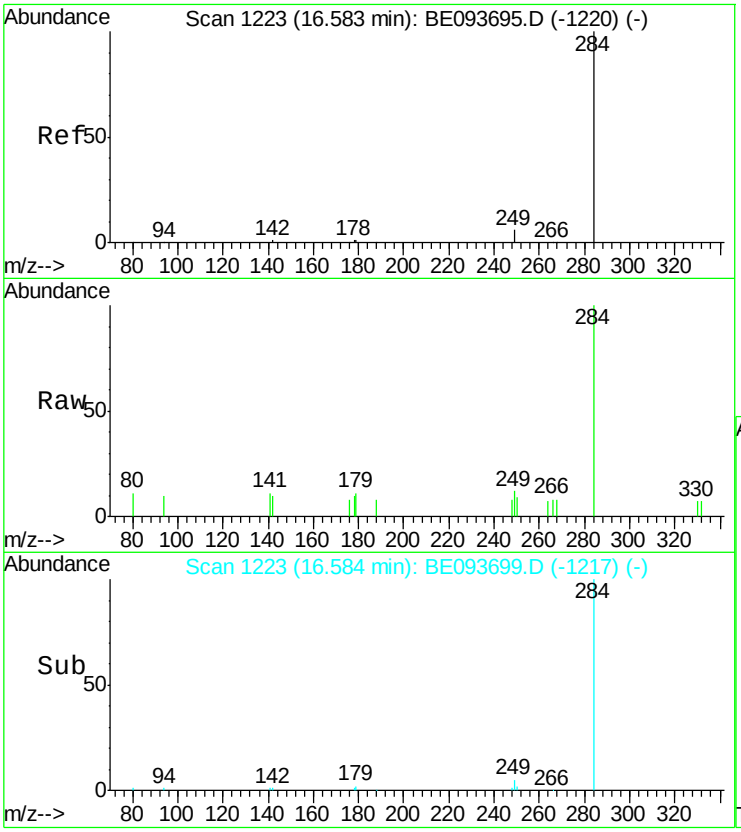


#20
4-Bromophenyl-phenylether
Concen: 0.390 ng
RT: 16.45 min Scan# 1219
Delta R.T. 0.00 min
Lab File: BE093699.D
Acq: 7 Aug 2017 12:59

Tgt Ion:248 Resp: 2175

Ion	Ratio	Lower	Upper
248	100		
250	175.6	128.0	192.0
141	18.5	12.0	18.0#



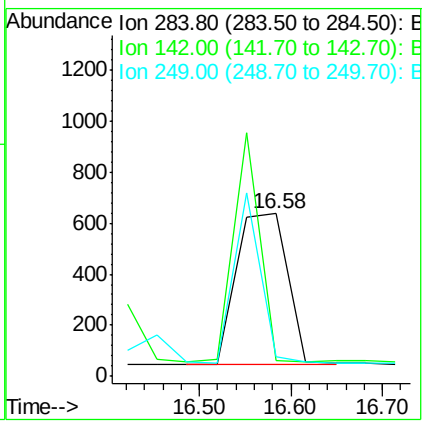


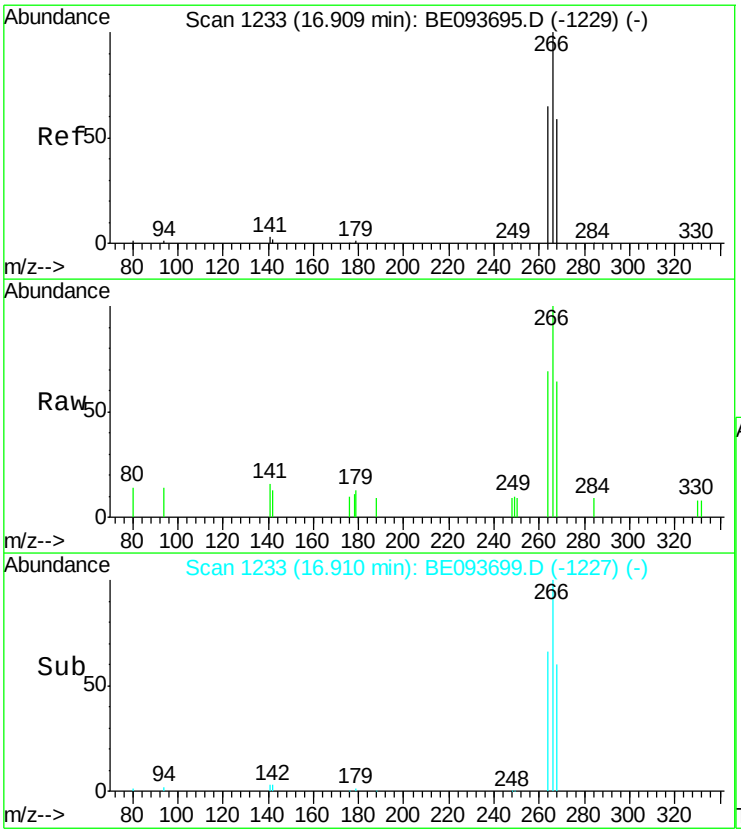
#21
Hexachlorobenzene
Concen: 0.385 ng
RT: 16.58 min Scan# 1223
Delta R.T. 0.00 min
Lab File: BE093699.D
Acq: 7 Aug 2017 12:59

Instrument :
BNA_E
ClientSampleId :
DFTPP

Tgt Ion:284 Resp: 2290

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

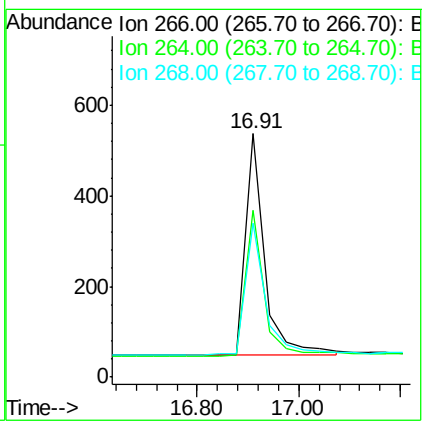


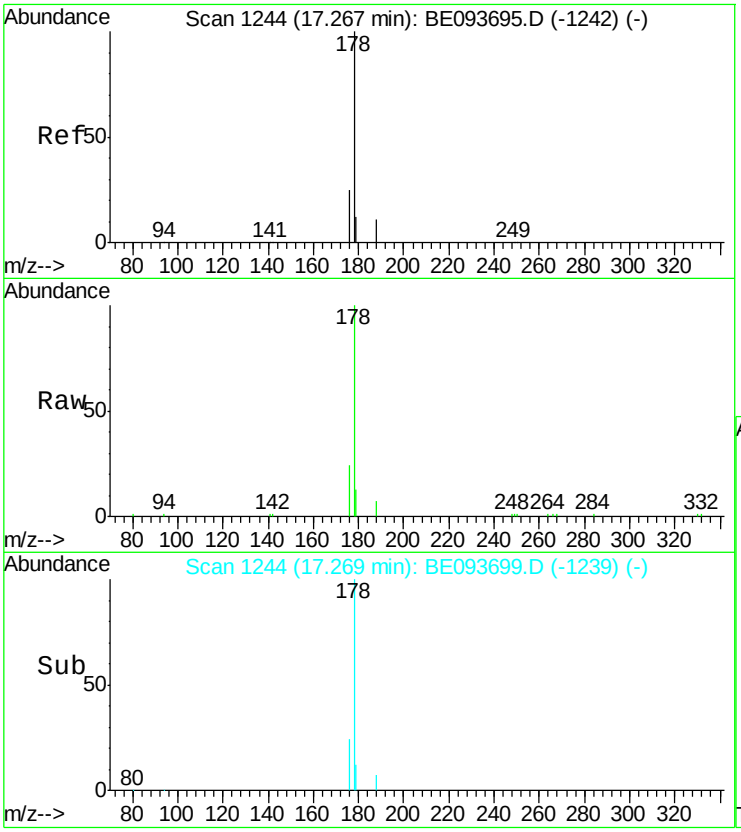


#22
Pentachlorophenol
Concen: 0.297 ng
RT: 16.91 min Scan# 1233
Delta R.T. 0.00 min
Lab File: BE093699.D
Acq: 7 Aug 2017 12:59

Tgt Ion:266 Resp: 1277

Ion	Ratio	Lower	Upper
266	100		
264	68.5	56.0	84.0
268	63.5	52.0	78.0



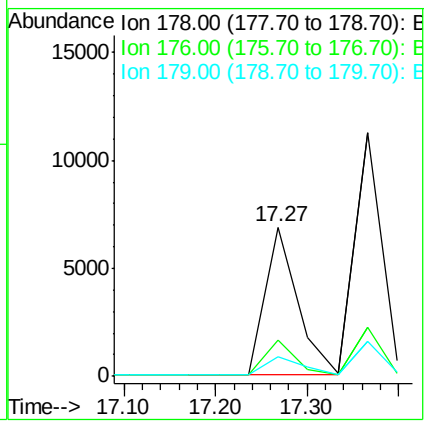


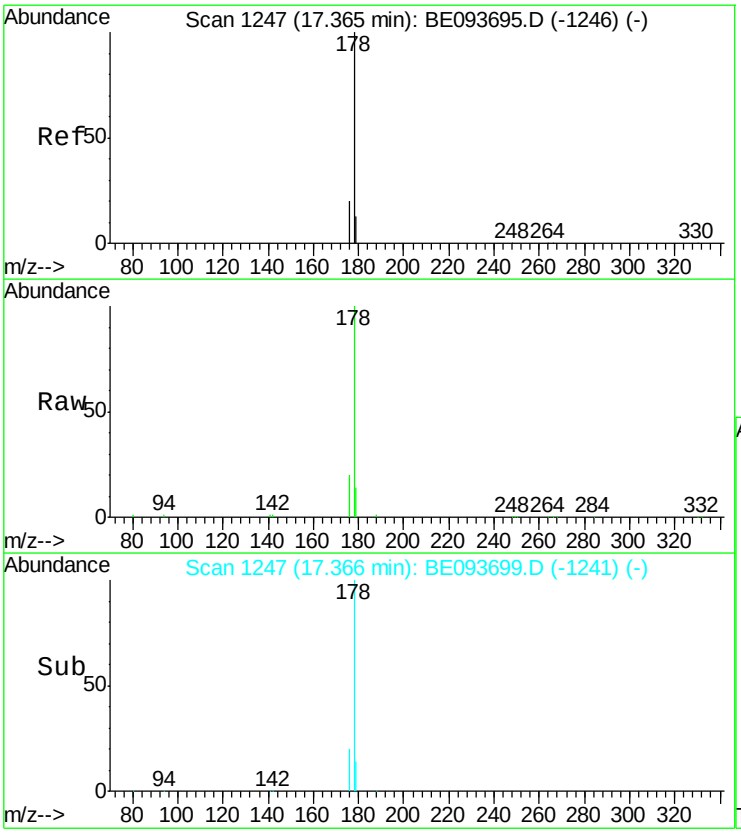
#23
Phenanthrene
Concen: 0.404 ng
RT: 17.27 min Scan# 1244
Delta R.T. 0.00 min
Lab File: BE093699.D
Acq: 7 Aug 2017 12:59

Instrument :
BNA_E
ClientSampleId :
DFTPP

Tgt Ion:178 Resp: 16945

Ion	Ratio	Lower	Upper
178	100		
176	21.6	15.0	22.4
179	0.0	12.7	19.1#

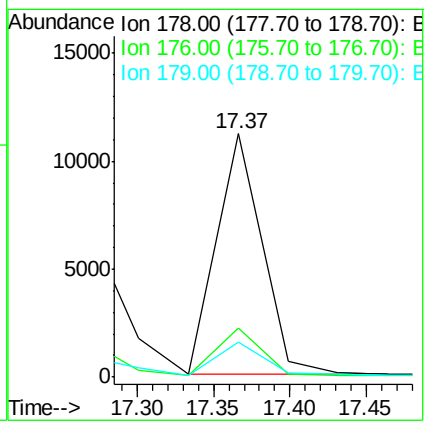


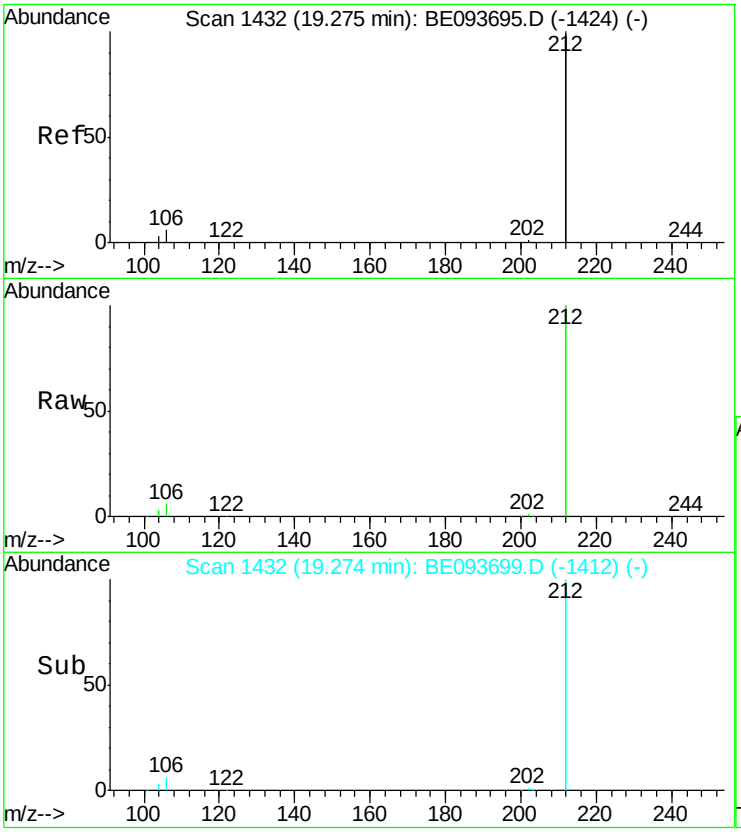


#24
Anthracene
Concen: 0.362 ng
RT: 17.37 min Scan# 1247
Delta R.T. 0.00 min
Lab File: BE093699.D
Acq: 7 Aug 2017 12:59

Tgt Ion:178 Resp: 23118

Ion	Ratio	Lower	Upper
178	100		
176	19.5	14.6	22.0
179	24.1	12.0	18.0#



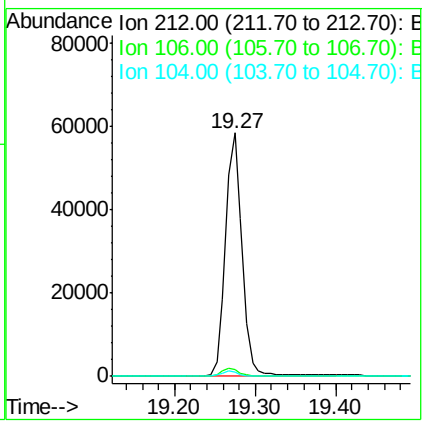


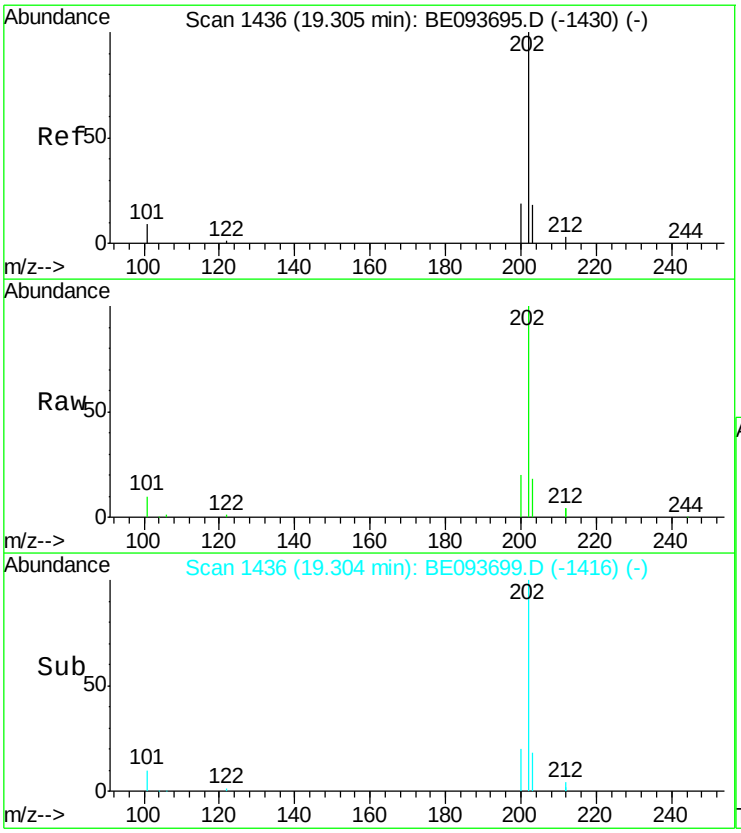
#25
Fluoranthene-d10
Concen: 0.366 ng
RT: 19.27 min Scan# 1432
Delta R.T. -0.00 min
Lab File: BE093699.D
Acq: 7 Aug 2017 12:59

Instrument :
BNA_E
ClientSampleId :
DFTPP

Tgt Ion:212 Resp: 82338

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

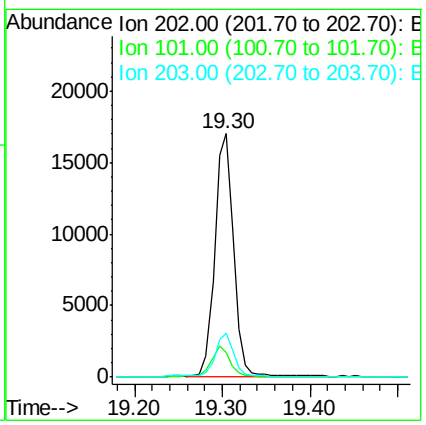


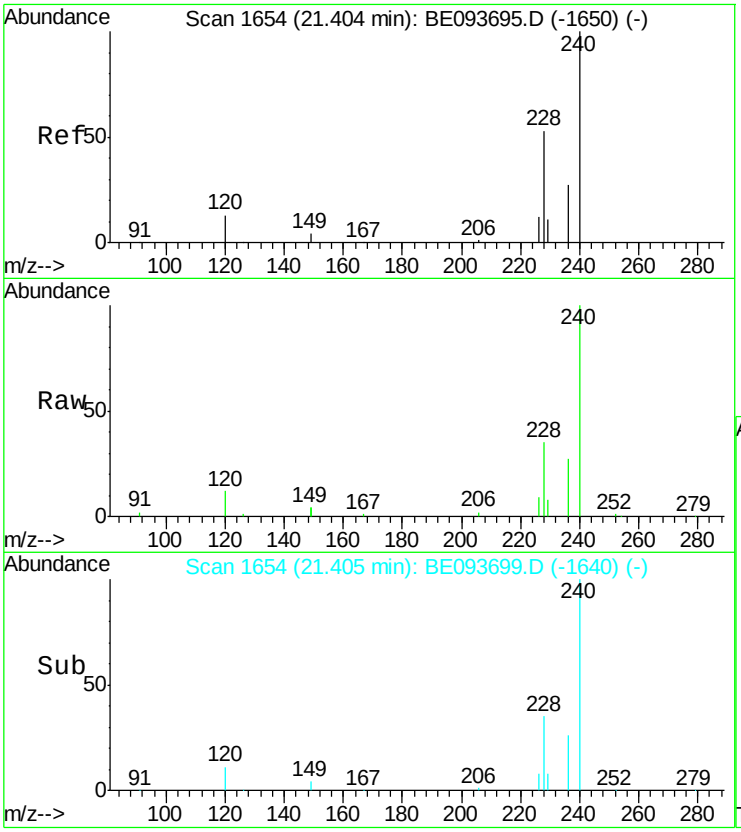


#26
Fluoranthene
Concen: 0.360 ng
RT: 19.30 min Scan# 1436
Delta R.T. -0.00 min
Lab File: BE093699.D
Acq: 7 Aug 2017 12:59

Tgt Ion:202 Resp: 24766

Ion	Ratio	Lower	Upper
202	100		
101	12.2	9.6	14.4
203	17.3	14.4	21.6



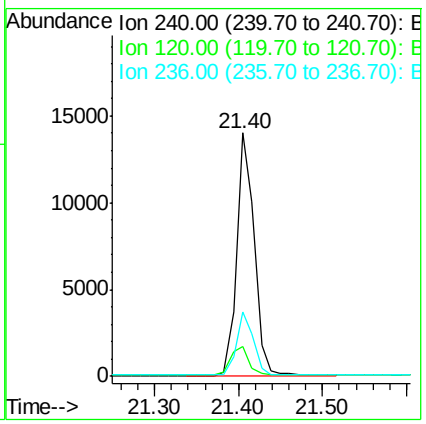


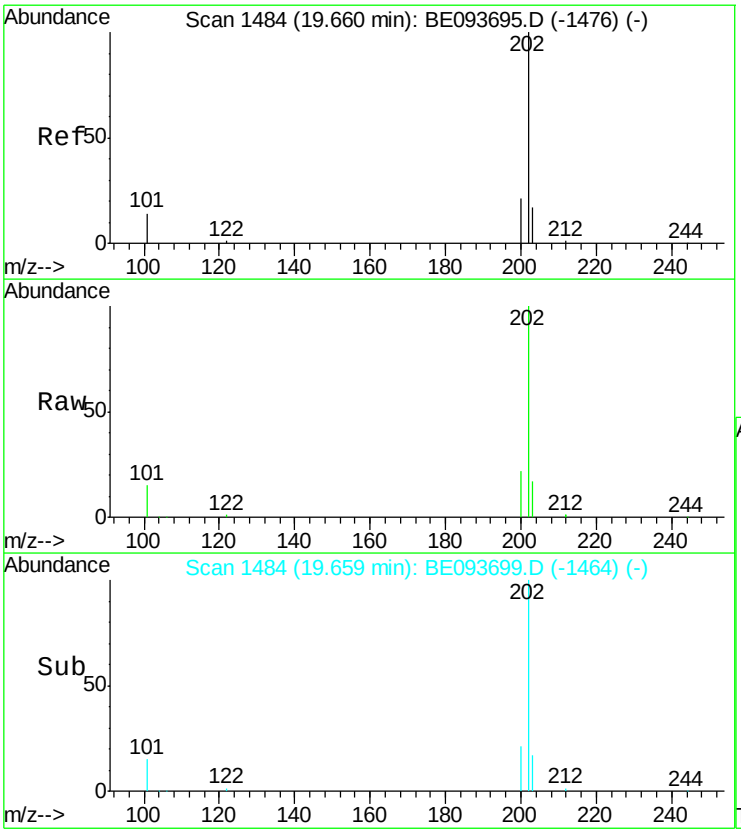
#27
Chrysene-d12
Concen: 0.400 ng
RT: 21.40 min Scan# 1654
Delta R.T. 0.00 min
Lab File: BE093699.D
Acq: 7 Aug 2017 12:59

Instrument :
BNA_E
ClientSampleId :
DFTPP

Tgt Ion:240 Resp: 20240

Ion	Ratio	Lower	Upper
240	100		
120	12.1	4.6	7.0#
236	26.6	20.8	31.2

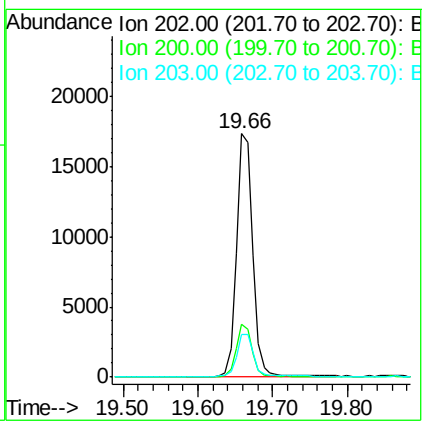


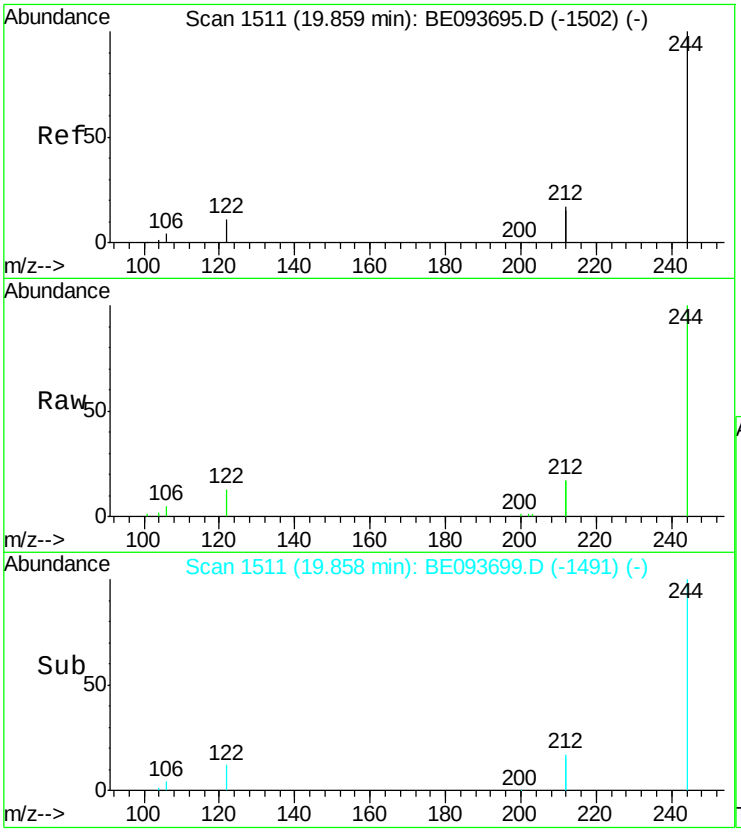


#28
Pyrene
Concen: 0.385 ng
RT: 19.66 min Scan# 1484
Delta R.T. -0.00 min
Lab File: BE093699.D
Acq: 7 Aug 2017 12:59

Tgt Ion:202 Resp: 25524

Ion	Ratio	Lower	Upper
202	100		
200	20.9	0.0	0.0#
203	17.7	13.7	20.5



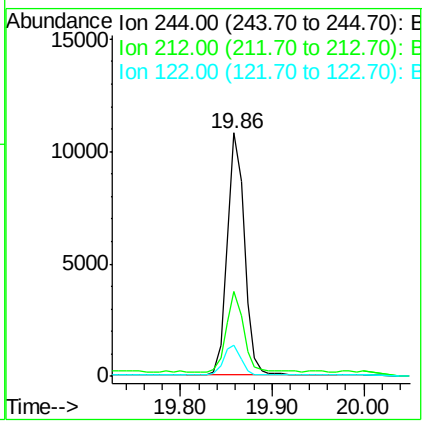


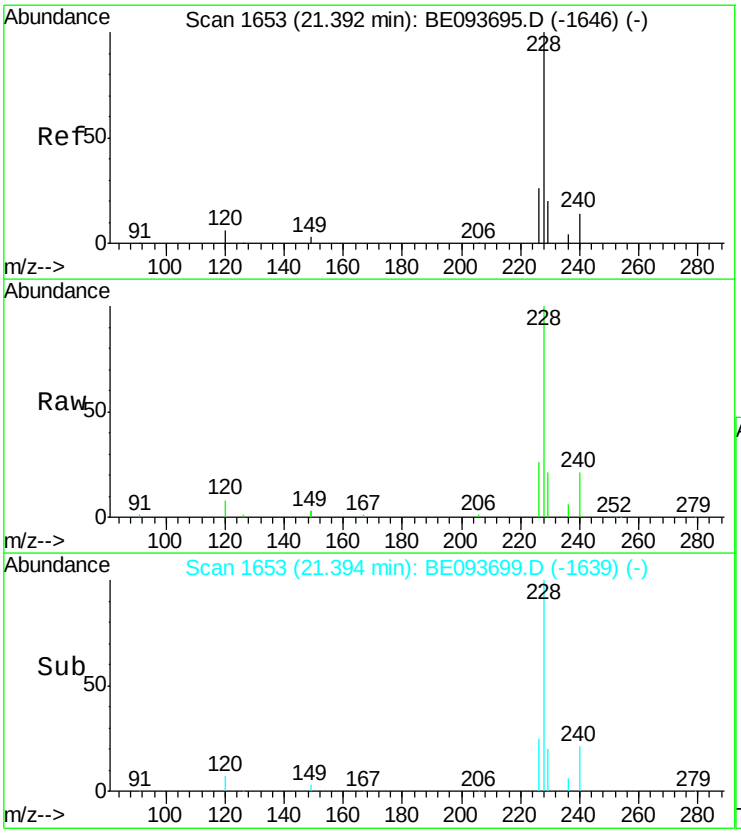
#29
Terphenyl-d14
Concen: 0.388 ng
RT: 19.86 min Scan# 1511
Delta R.T. -0.00 min
Lab File: BE093699.D
Acq: 7 Aug 2017 12:59

Instrument :
BNA_E
ClientSampleId :
DFTPP

Tgt Ion:244 Resp: 14009

Ion	Ratio	Lower	Upper
244	100		
212	34.7	10.6	16.0#
122	12.6	15.4	23.0#

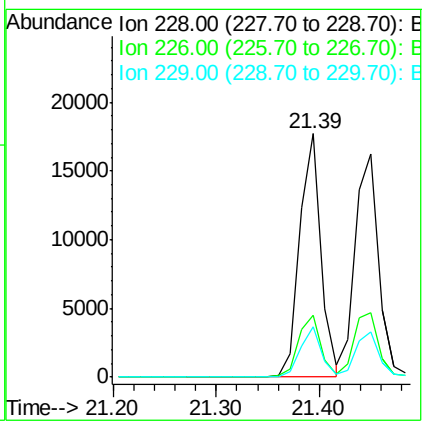


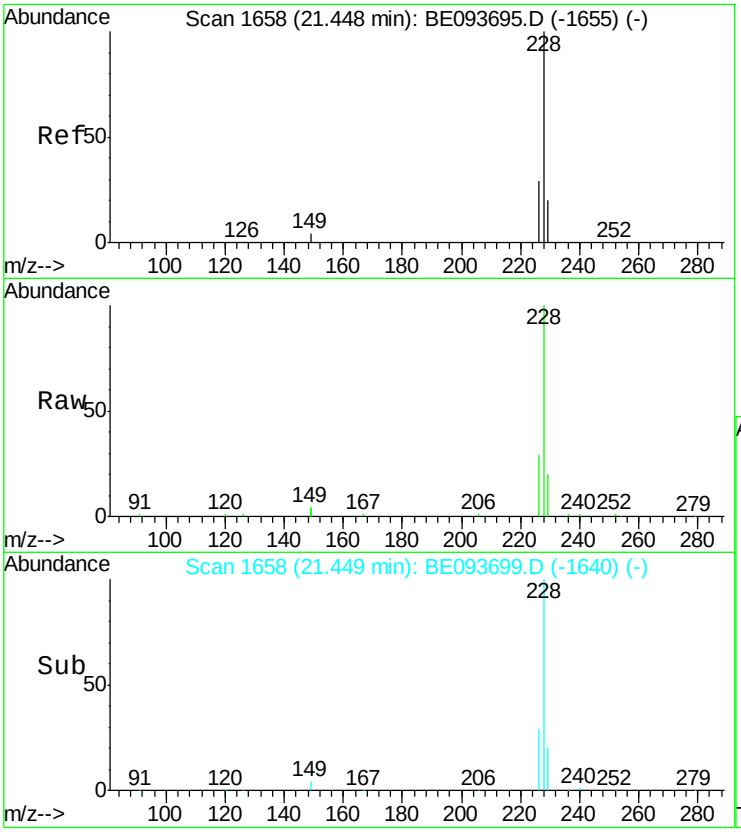


#30
Benzo(a)anthracene
Concen: 0.387 ng
RT: 21.39 min Scan# 1653
Delta R.T. 0.00 min
Lab File: BE093699.D
Acq: 7 Aug 2017 12:59

Tgt Ion:228 Resp: 24853

Ion	Ratio	Lower	Upper
228	100		
226	25.6	19.7	29.5
229	20.6	19.2	28.8



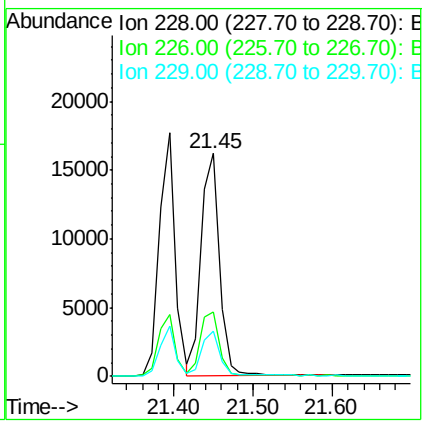


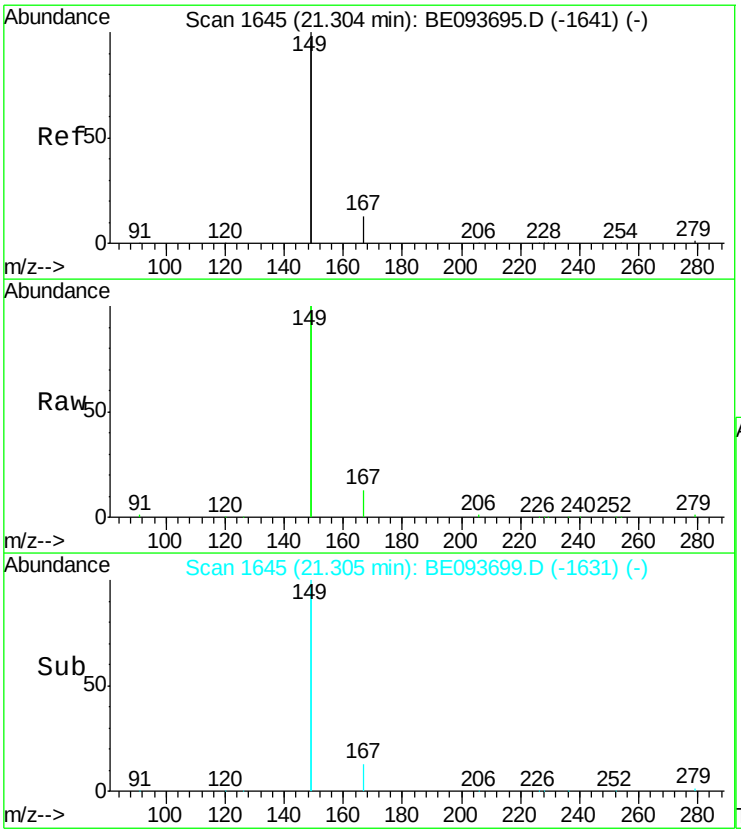
#31
Chrysene
Concen: 0.393 ng
RT: 21.45 min Scan# 1658
Delta R.T. 0.00 min
Lab File: BE093699.D
Acq: 7 Aug 2017 12:59

Instrument :
BNA_E
ClientSampleId :
DFTPP

Tgt Ion:228 Resp: 25727

Ion	Ratio	Lower	Upper
228	100		
226	28.9	21.5	32.3
229	20.3	18.6	28.0

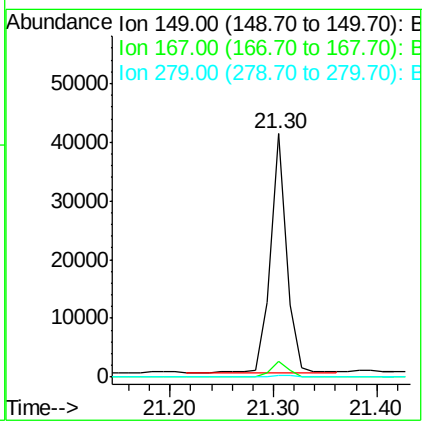


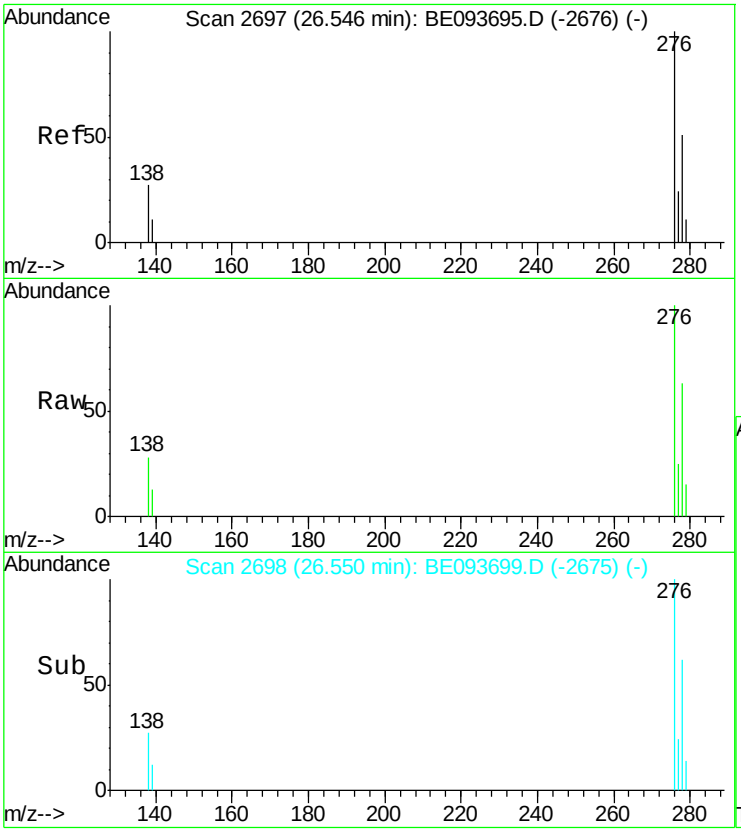


#32
Bis(2-ethylhexyl)phthalate
Concen: 0.317 ng
RT: 21.30 min Scan# 1645
Delta R.T. 0.00 min
Lab File: BE093699.D
Acq: 7 Aug 2017 12:59

Tgt Ion:149 Resp: 43674

Ion	Ratio	Lower	Upper
149	100		
167	6.7	4.8	7.2
279	0.9	0.8	1.2



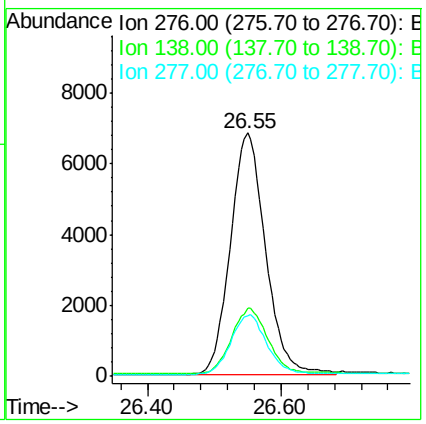


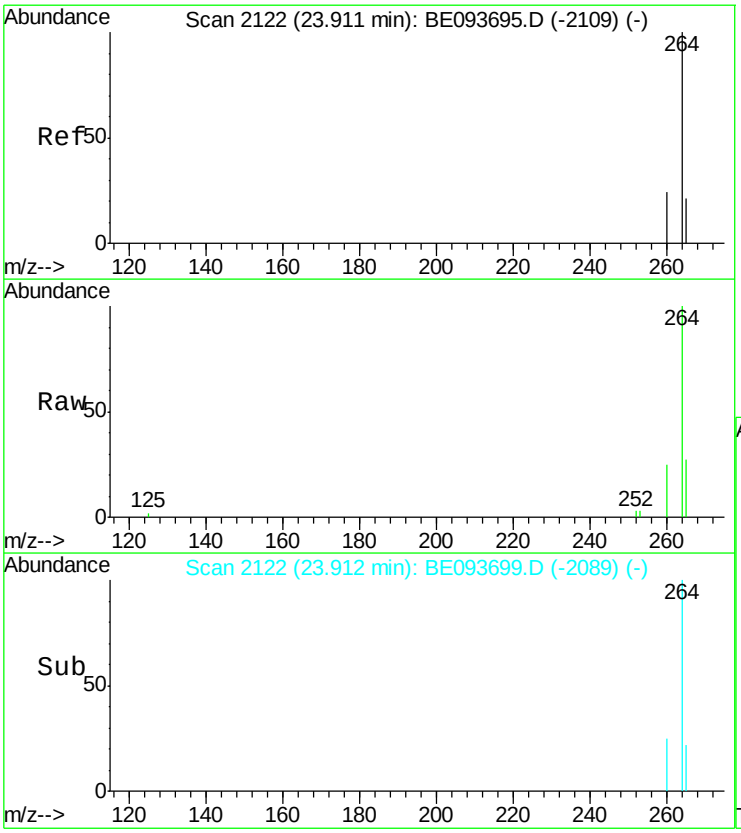
#33
Indeno(1,2,3-cd)pyrene
Concen: 0.393 ng
RT: 26.55 min Scan# 2698
Delta R.T. 0.00 min
Lab File: BE093699.D
Acq: 7 Aug 2017 12:59

Instrument :
BNA_E
ClientSampleId :
DFTPP

Tgt Ion:276 Resp: 24790

Ion	Ratio	Lower	Upper
276	100		
138	28.0	27.4	41.2
277	25.3	20.1	30.1

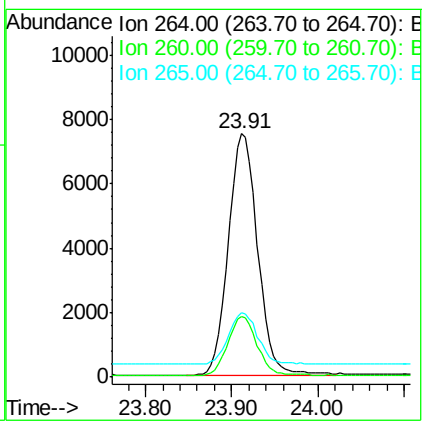


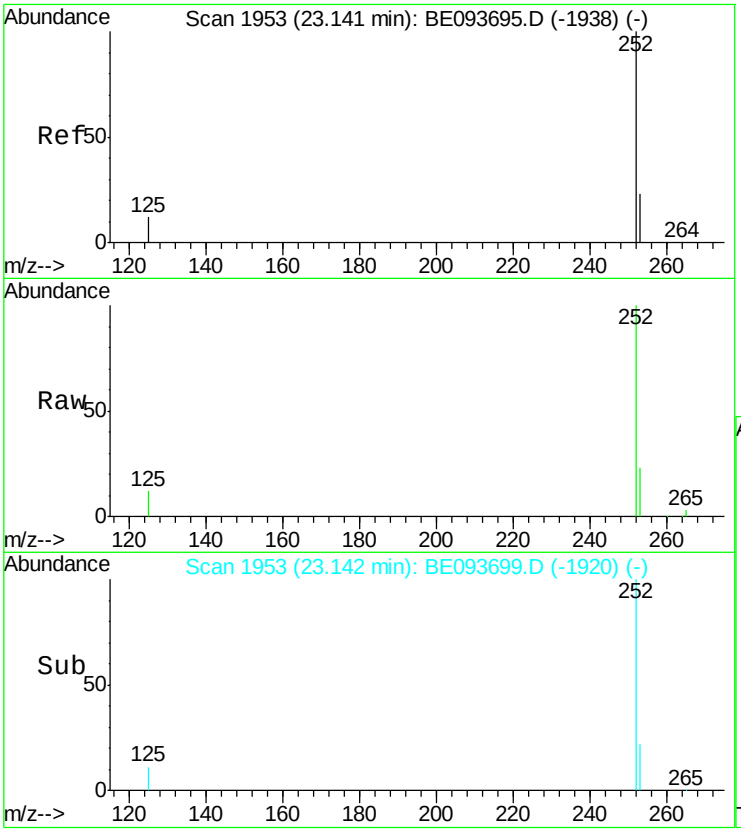


#34
Perylene-d12
Concen: 0.400 ng
RT: 23.91 min Scan# 2122
Delta R.T. 0.00 min
Lab File: BE093699.D
Acq: 7 Aug 2017 12:59

Tgt Ion:264 Resp: 17788

Ion	Ratio	Lower	Upper
264	100		
260	25.0	21.0	31.4
265	26.7	24.6	36.8



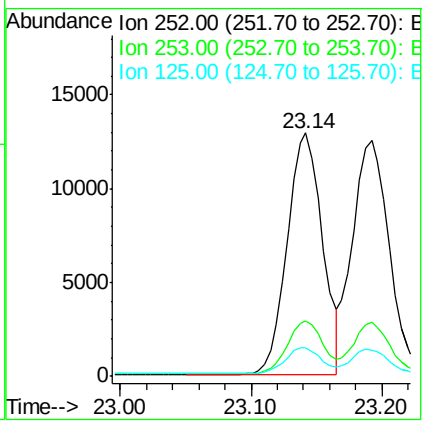


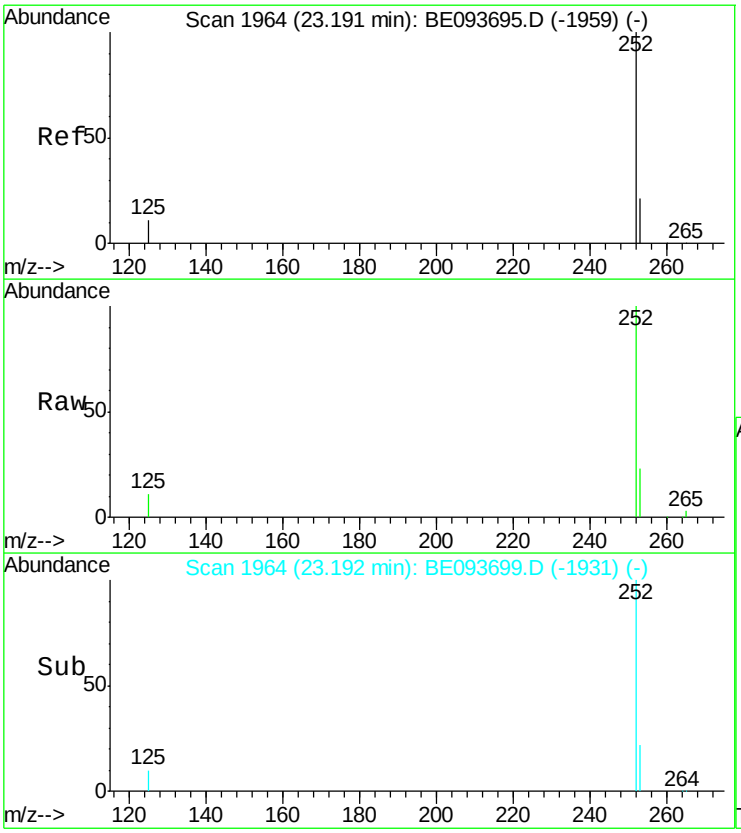
#35
Benzo(b)fluoranthene
Concen: 0.392 ng
RT: 23.14 min Scan# 1953
Delta R.T. 0.00 min
Lab File: BE093699.D
Acq: 7 Aug 2017 12:59

Instrument :
BNA_E
ClientSampleId :
DFTPP

Tgt Ion:252 Resp: 24195

Ion	Ratio	Lower	Upper
252	100		
253	22.9	18.5	27.7
125	12.0	13.4	20.0#

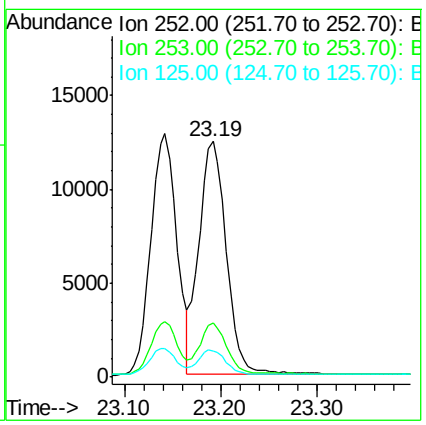


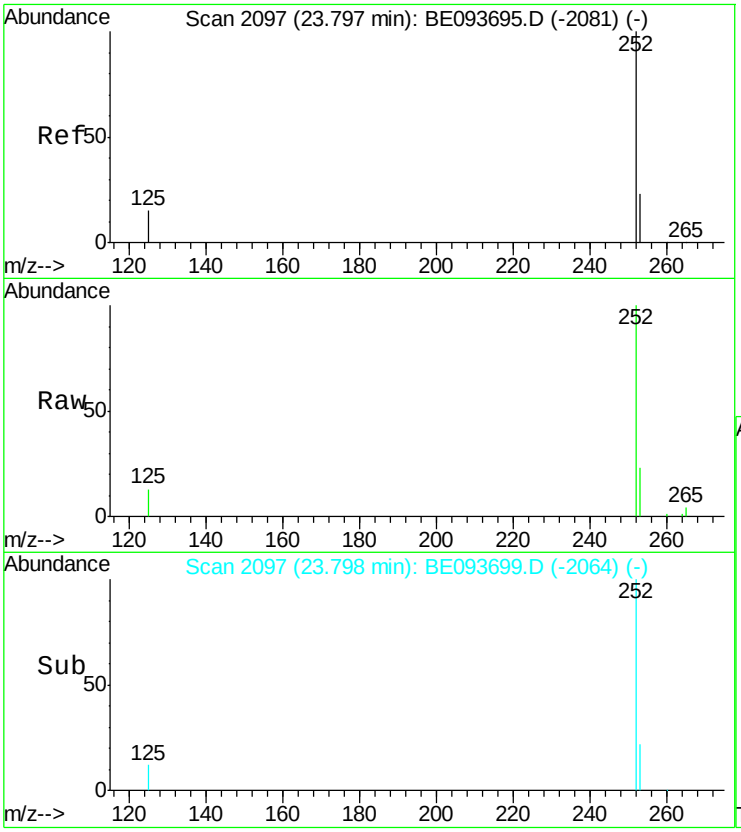


#36
Benzo(k)fluoranthene
Concen: 0.398 ng
RT: 23.19 min Scan# 1964
Delta R.T. 0.00 min
Lab File: BE093699.D
Acq: 7 Aug 2017 12:59

Tgt Ion:252 Resp: 24551

Ion	Ratio	Lower	Upper
252	100		
253	23.2	20.3	30.5
125	11.1	12.2	18.4#



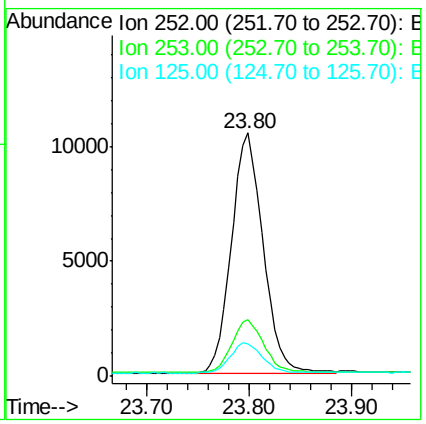


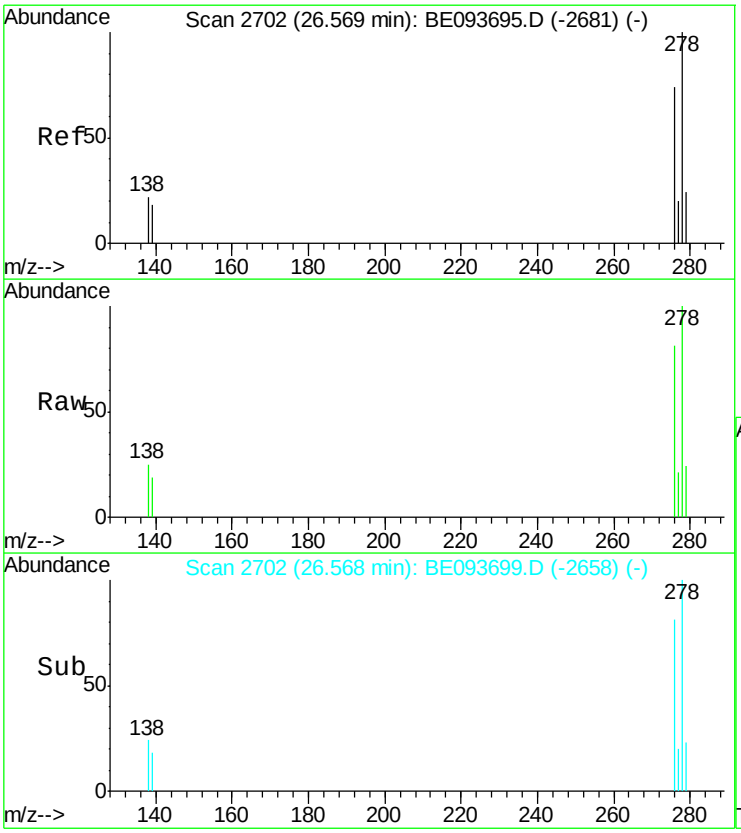
#37
Benzo(a)pyrene
Concen: 0.389 ng
RT: 23.80 min Scan# 2097
Delta R.T. 0.00 min
Lab File: BE093699.D
Acq: 7 Aug 2017 12:59

Instrument :
BNA_E
ClientSampleId :
DFTPP

Tgt Ion:252 Resp: 22607

Ion	Ratio	Lower	Upper
252	100		
253	23.4	19.9	29.9
125	13.2	14.6	21.8#

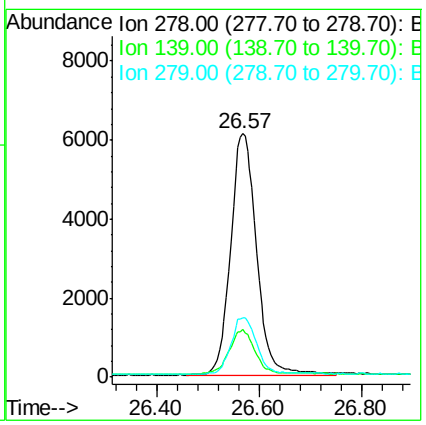


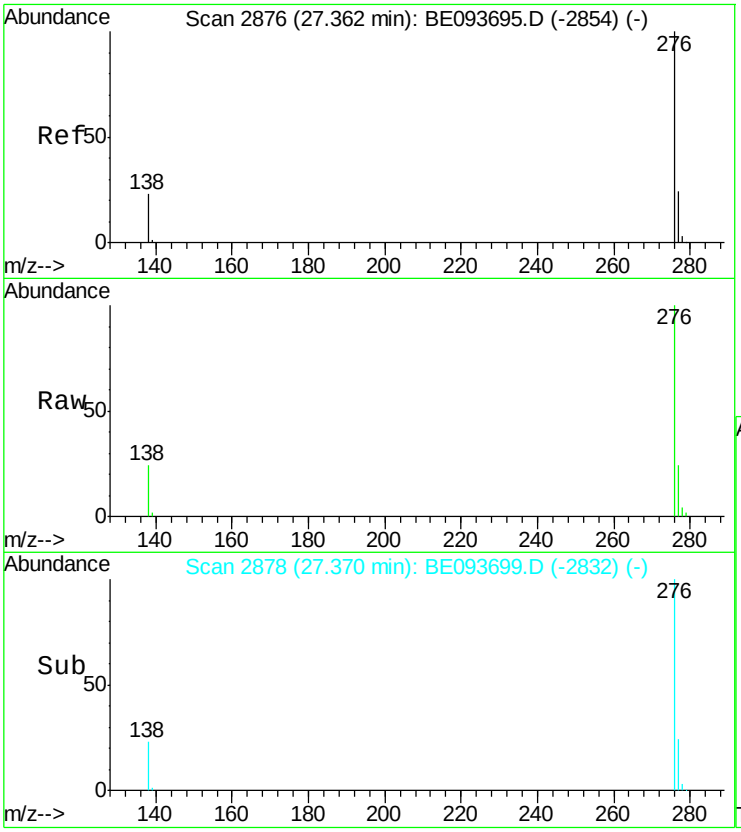


#38
Dibenzo(a,h)anthracene
Concen: 0.396 ng
RT: 26.57 min Scan# 2702
Delta R.T. -0.00 min
Lab File: BE093699.D
Acq: 7 Aug 2017 12:59

Tgt Ion:278 Resp: 21553

Ion	Ratio	Lower	Upper
278	100		
139	19.4	21.4	32.0#
279	24.4	22.2	33.2





#39
Benzo(g,h,i)perylene
Concen: 0.399 ng
RT: 27.37 min Scan# 2878
Delta R.T. 0.01 min
Lab File: BE093699.D
Acq: 7 Aug 2017 12:59

Instrument :
BNA_E
ClientSampleId :
DFTPP

Tgt Ion:276 Resp: 21804

Ion	Ratio	Lower	Upper
276	100		
277	24.4	21.2	31.8
138	24.2	24.5	36.7#