Quantitation Report (Not Reviewed)

Data Path : \\74.0.250.170\SVOASRV\HPCHEM1\BNA E\DATA\BE091117\
Data File : BE093960.D
Acq On : 11 Sep 2017 13:27
Operator : SJ/JU
Sample : PB1021534BSD
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument : BNA_E
ClientSampleId : PB102153BSD

Quant Time: Sep 12 07:41:08 2017
Quant Method : Z:\HPCHEM1\BNA E\METHODS\8270-SIM-BE090517.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Sep 05 13:34:56 2017
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.92	152	2228	0.40	ng		0.00
7) Naphthalene-d8	10.71	136	9818	0.40	ng		0.00
13) Acenaphthene-d10	14.53	164	5526	0.40	ng		0.00
19) Phenanthrene-d10	17.27	188	11824	0.40	ng		0.00
27) Chrysene-d12	21.43	240	16674	0.40	ng		0.00
34) Perylene-d12	23.94	264	12722	0.40	ng		0.00
System Monitoring Compounds							
4) 2-Fluorophenol	5.52	112	1763	0.24	ng		0.00
5) Phenol-d6	7.12	99	2175	0.20	ng		0.00
8) Nitrobenzene-d5	9.08	82	2092	0.25	ng		0.00
11) 2-Methylnaphthalene-d10	12.30	152	3997	0.25	ng		0.00
14) 2,4,6-Tribromophenol	16.03	330	372	0.22	ng		0.00
15) 2-Fluorobiphenyl	13.16	172	5017	0.23	ng		0.00
25) Fluoranthene-d10	19.28	212	45959	0.26	ng		0.00
29) Terphenyl-d14	19.87	244	8535	0.28	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.44	88	739	0.241	ng	#	9
3) n-Nitrosodimethylamine	3.75	42	776	0.216	ng	#	83
6) bis(2-Chloroethyl)ether	7.34	93	1861	0.211	ng		82
9) Naphthalene	10.76	128	23463	0.208	ng		99
10) Hexachlorobutadiene	11.04	225	882	0.216	ng		99
12) 2-Methylnaphthalene	12.38	142	3801	0.203	ng		97
16) Acenaphthylene	14.26	152	5292	0.192	ng		99
17) Acenaphthene	14.58	154	3768	0.202	ng		99
18) Fluorene	15.58	166	5094	0.212	ng		99
20) 4-Bromophenyl-phenylether	16.45	248	1418	0.158	ng	#	81
21) Hexachlorobenzene	16.58	284	1281	0.183	ng	#	100
22) Pentachlorophenol	16.94	266	481	0.257	ng		97
23) Phenanthrene	17.30	178	9748	0.172	ng	#	100
24) Anthracene	17.30	178	9711	0.270	ng	#	80
26) Fluoranthene	19.31	202	11177	0.212	ng		100
28) Pyrene	19.67	202	11461	0.200	ng		100
30) Benzo(a)anthracene	21.40	228	10219	0.200	ng		98
31) Chrysene	21.46	228	10830	0.200	ng		98
32) Bis(2-ethylhexyl)phthalate	21.30	149	36854	0.296	ng		100
33) Indeno(1,2,3-cd)pyrene	26.61	276	5954	0.165	ng		96
35) Benzo(b)fluoranthene	23.17	252	8064	0.199	ng	#	94
36) Benzo(k)fluoranthene	23.22	252	10780	0.217	ng	#	91
37) Benzo(a)pyrene	23.83	252	8356	0.203	ng	#	92
38) Dibenzo(a,h)anthracene	26.64	278	4654	0.170	ng	#	82
39) Benzo(g,h,i)perylene	27.43	276	5318	0.184	ng		92

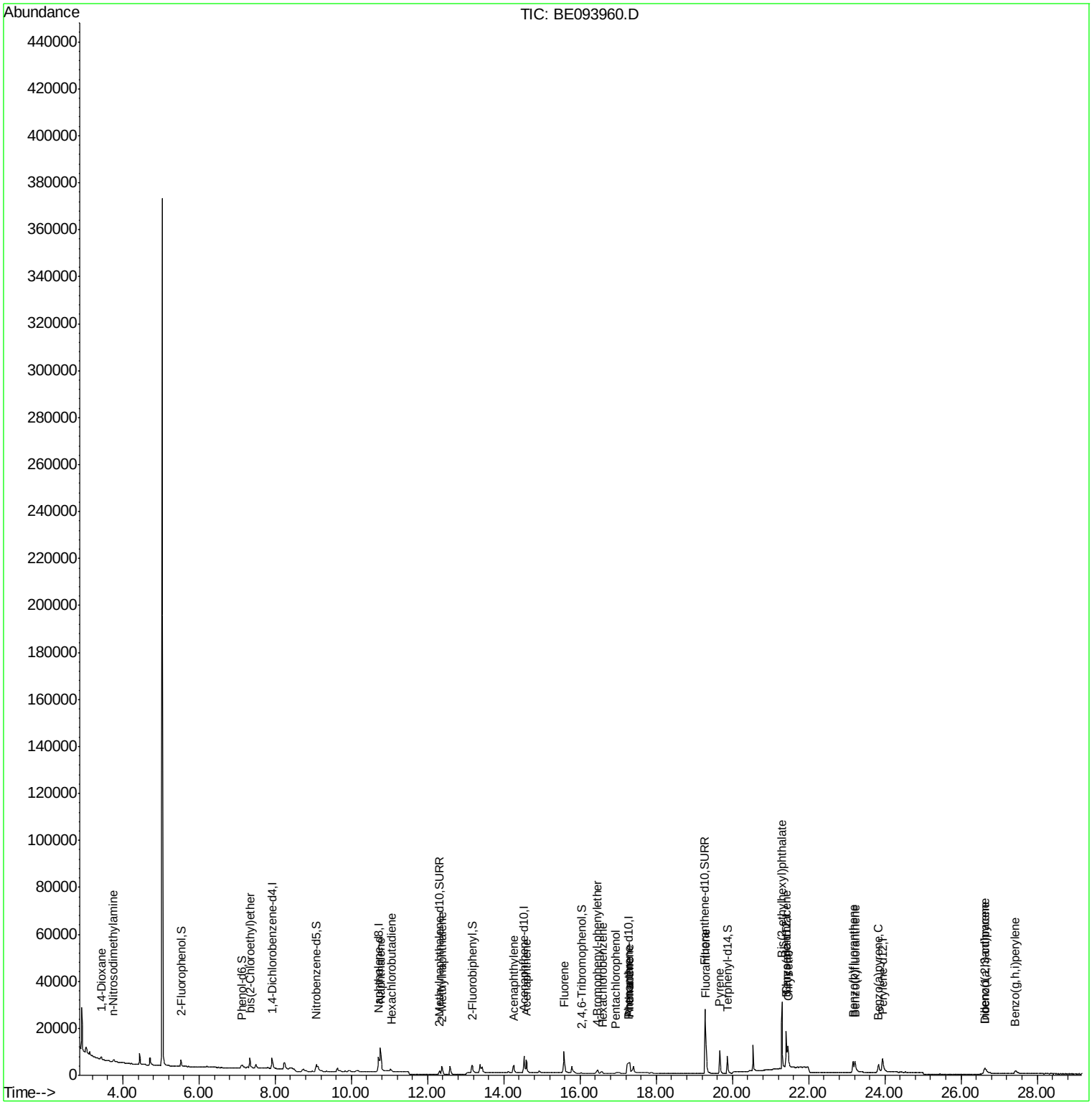
(#) = qualifier out of range (m) = manual integration (+) = signals summed

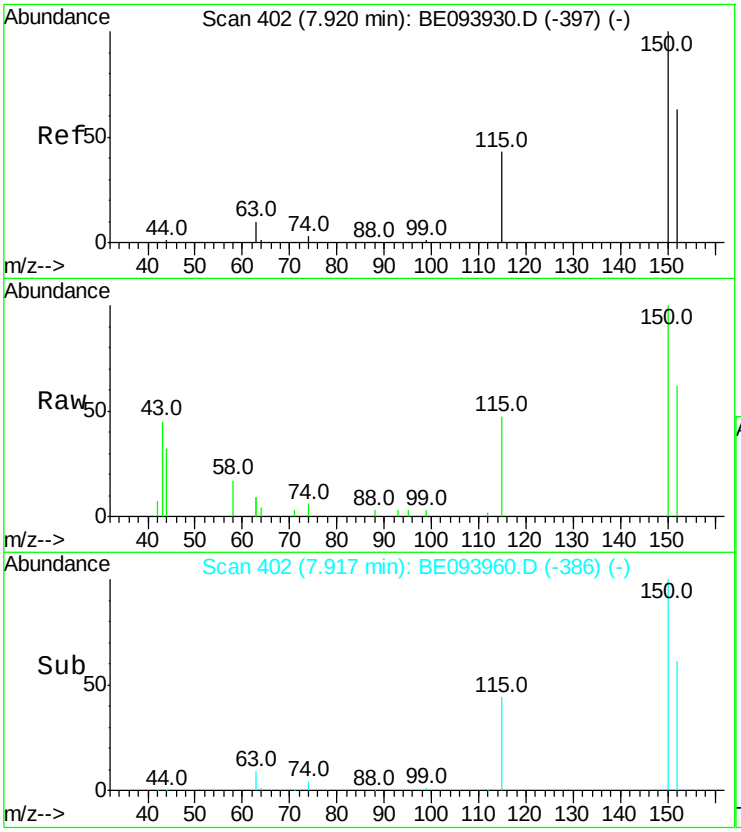
Quantitation Report (Not Reviewed)

Data Path : \\74.0.250.170\SVOASRV\HPCHEM1\BNA E\DATA\BE091117\
Data File : BE093960.D
Acq On : 11 Sep 2017 13:27
Operator : SJ/JU
Sample : PB1021534BSD
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
BNA_E
ClientSampleId :
PB102153BSD

Quant Time: Sep 12 07:41:08 2017
Quant Method : Z:\HPCHEM1\BNA E\METHODS\8270-SIM-BE090517.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Sep 05 13:34:56 2017
Response via : Initial Calibration



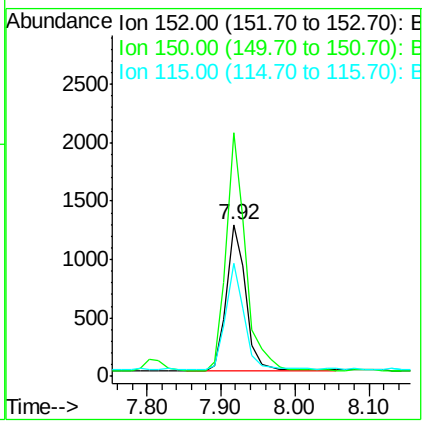


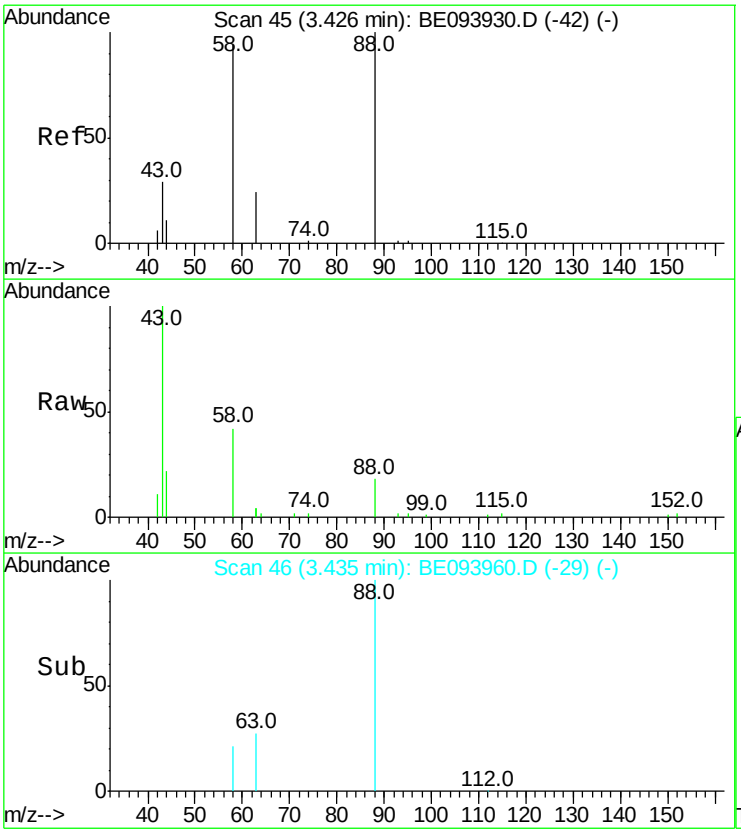
#1
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.92 min Scan# 402
Delta R.T. -0.00 min
Lab File: BE093960.D
Acq: 11 Sep 2017 13:27

Instrument :
BNA_E
ClientSampleId :
PB102153BSD

Tgt Ion:152 Resp: 2228

Ion	Ratio	Lower	Upper
152	100		
150	160.6	121.8	182.6
115	74.7	52.6	79.0

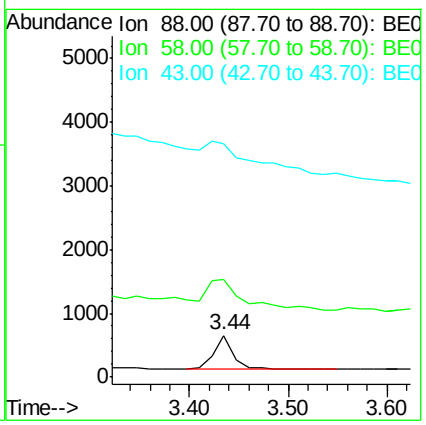


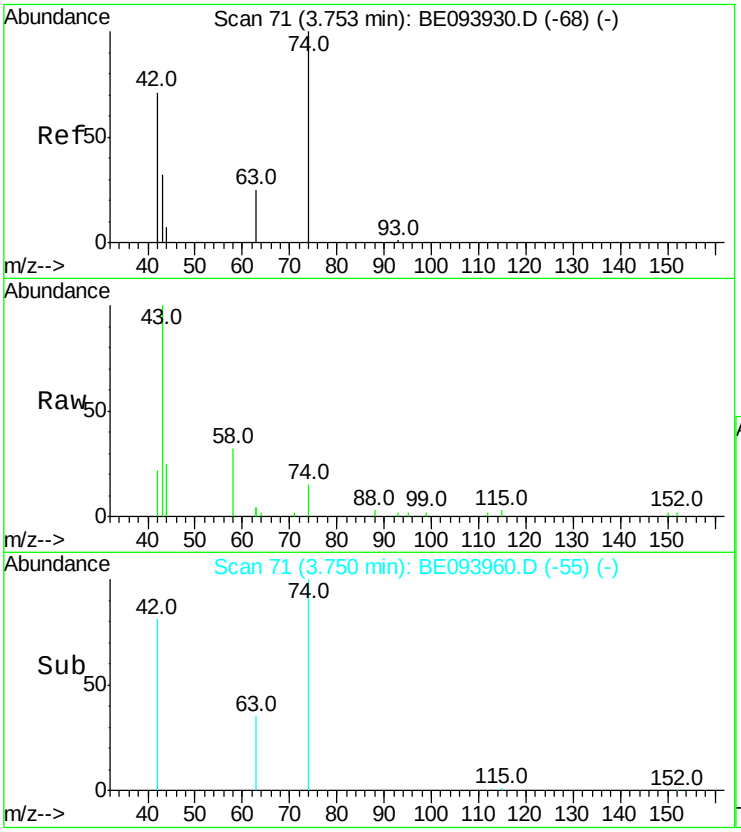


#2
1,4-Dioxane
Concen: 0.241 ng
RT: 3.44 min Scan# 46
Delta R.T. 0.01 min
Lab File: BE093960.D
Acq: 11 Sep 2017 13:27

Tgt Ion: 88 Resp: 739

Ion	Ratio	Lower	Upper
88	100		
58	174.0	65.4	98.0#
43	0.0	23.9	35.9#



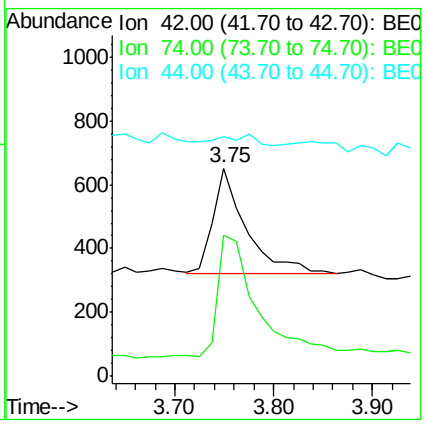


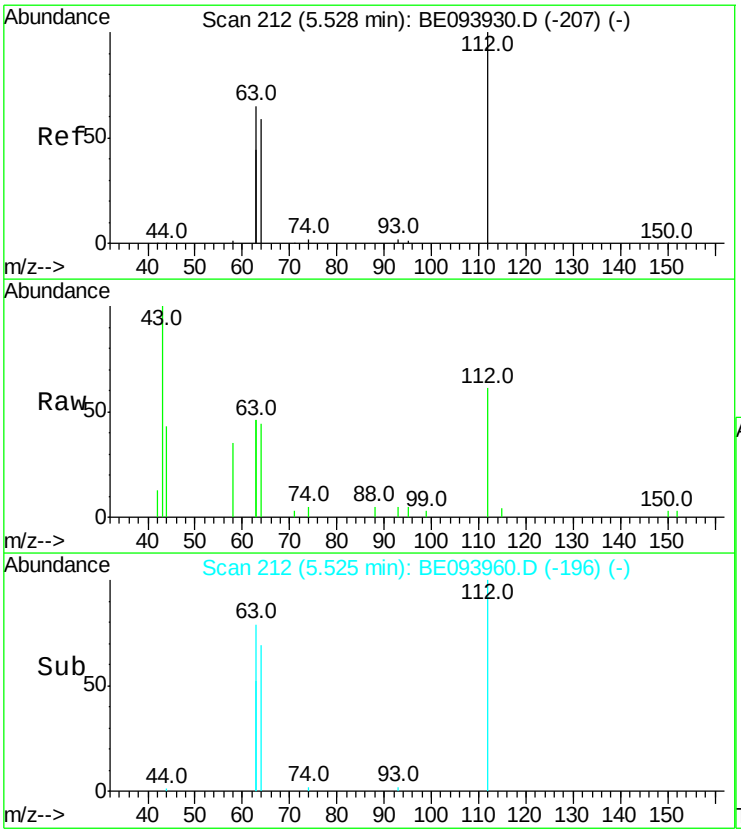
#3
n-Nitrosodimethylamine
Concen: 0.216 ng
RT: 3.75 min Scan# 71
Delta R.T. -0.00 min
Lab File: BE093960.D
Acq: 11 Sep 2017 13:27

Instrument :
BNA_E
ClientSampleId :
PB102153BSD

Tgt Ion: 42 Resp: 776

Ion	Ratio	Lower	Upper
42	100		
74	145.9	104.0	156.0
44	0.0	13.8	20.8#

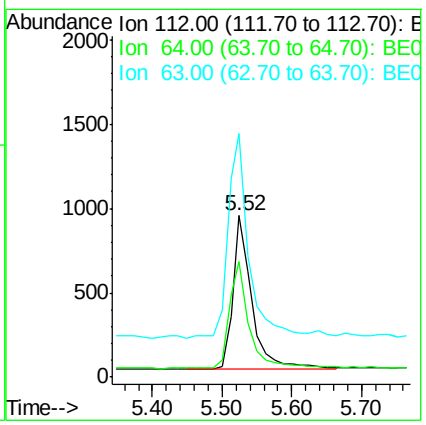


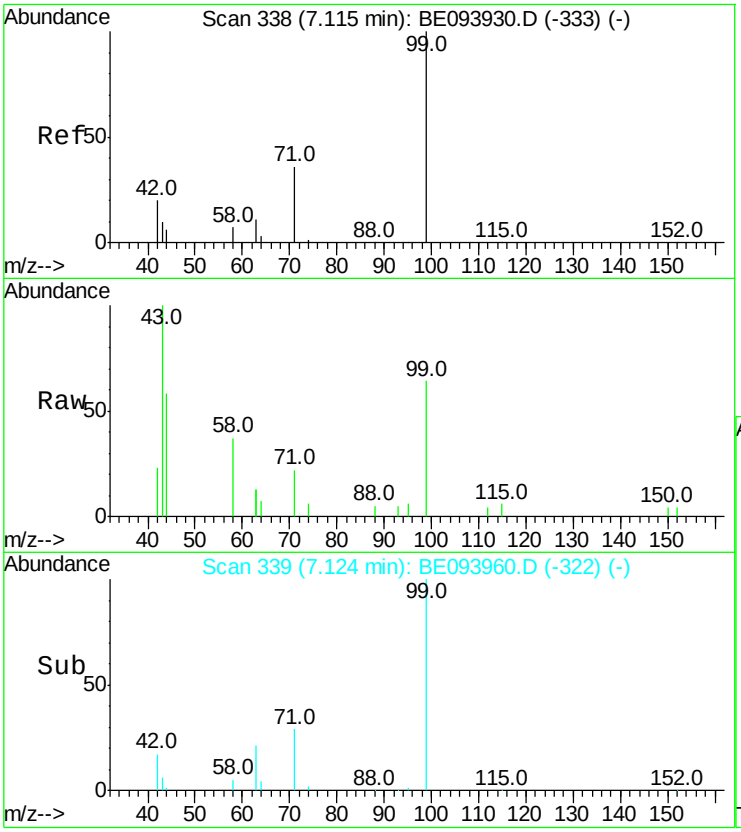


#4
2-Fluorophenol
Concen: 0.245 ng
RT: 5.52 min Scan# 212
Delta R.T. -0.00 min
Lab File: BE093960.D
Acq: 11 Sep 2017 13:27

Tgt Ion:112 Resp: 1763

Ion	Ratio	Lower	Upper
112	100		
64	71.8	57.7	86.5
63	142.6	116.0	174.0



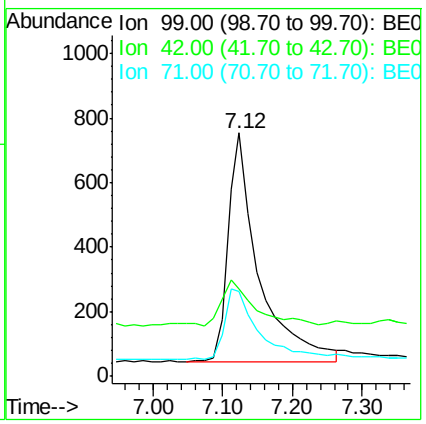


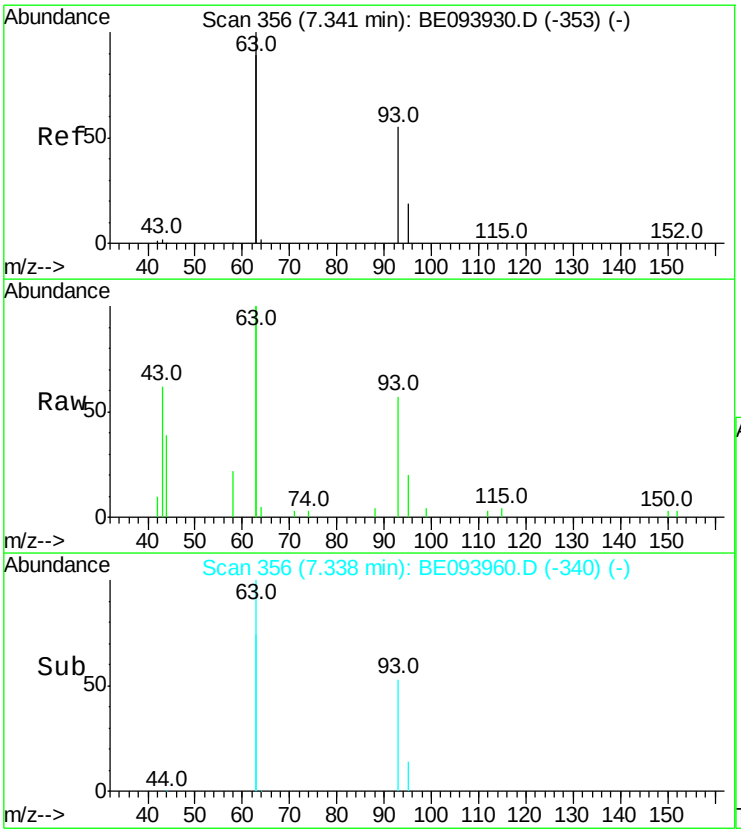
#5
Phenol-d6
Concen: 0.201 ng
RT: 7.12 min Scan# 339
Delta R.T. 0.01 min
Lab File: BE093960.D
Acq: 11 Sep 2017 13:27

Instrument :
BNA_E
ClientSampleId :
PB102153BSD

Tgt Ion: 99 Resp: 2175

Ion	Ratio	Lower	Upper
99	100		
42	22.2	17.1	25.7
71	35.1	26.6	39.8

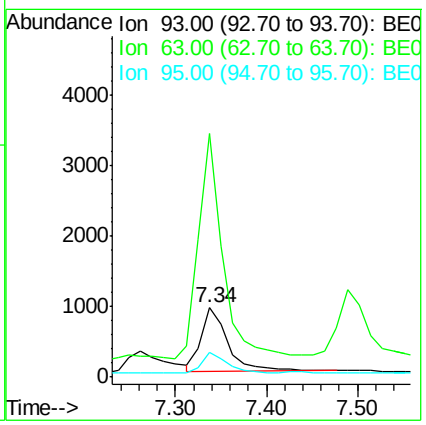


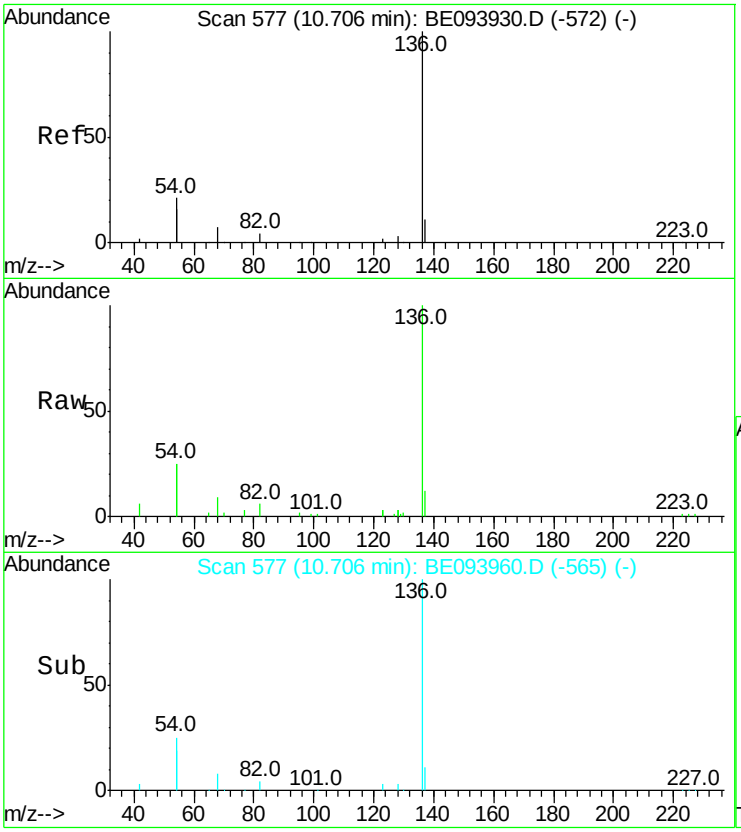


#6
bis(2-Chloroethyl)ether
Concen: 0.211 ng
RT: 7.34 min Scan# 356
Delta R.T. -0.00 min
Lab File: BE093960.D
Acq: 11 Sep 2017 13:27

Tgt Ion: 93 Resp: 1861

Ion	Ratio	Lower	Upper
93	100		
63	313.6	283.4	425.2
95	28.8	26.9	40.3



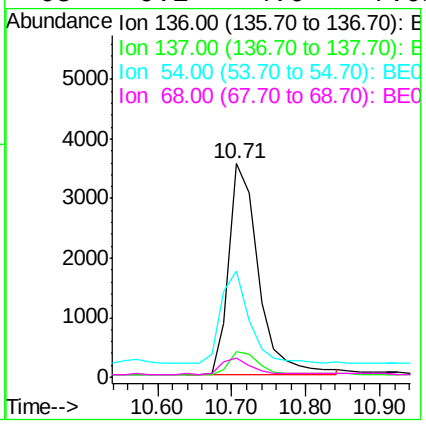


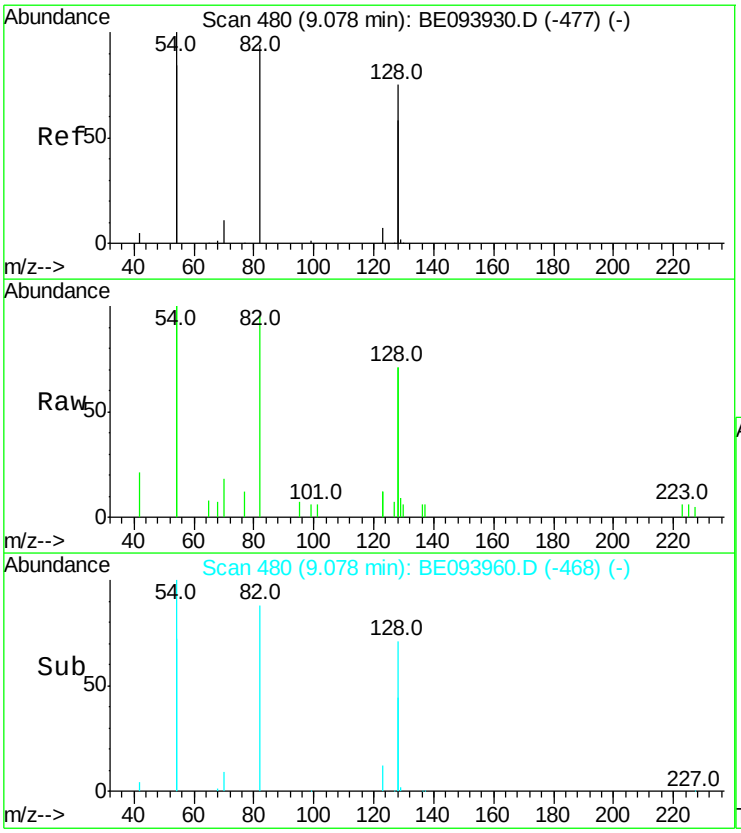
#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.71 min Scan# 577
Delta R.T. 0.00 min
Lab File: BE093960.D
Acq: 11 Sep 2017 13:27

Instrument :
BNA_E
ClientSampleId :
PB102153BSD

Tgt Ion:136 Resp: 9818

Ion	Ratio	Lower	Upper
136	100		
137	11.9	9.2	13.8
54	49.5	21.9	32.9#
68	9.1	4.6	7.0#

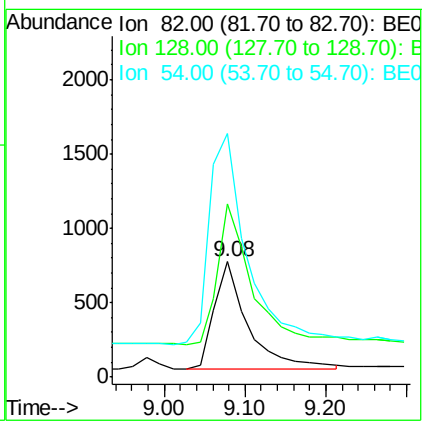


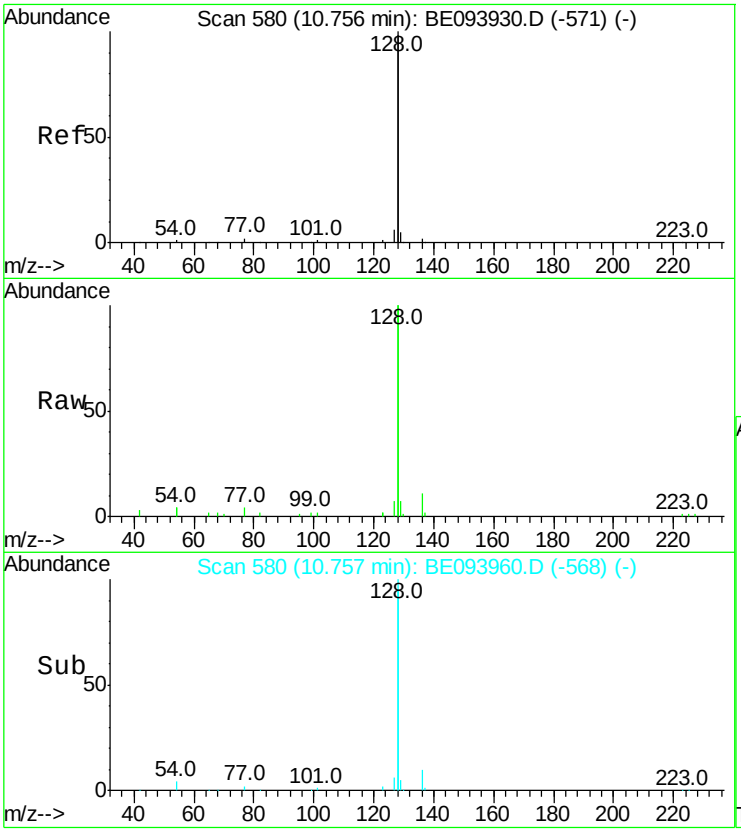


#8
Nitrobenzene-d5
Concen: 0.252 ng
RT: 9.08 min Scan# 480
Delta R.T. 0.00 min
Lab File: BE093960.D
Acq: 11 Sep 2017 13:27

Tgt Ion: 82 Resp: 2092

Ion	Ratio	Lower	Upper
82	100		
128	150.6	91.4	137.0#
54	211.6	197.8	296.8



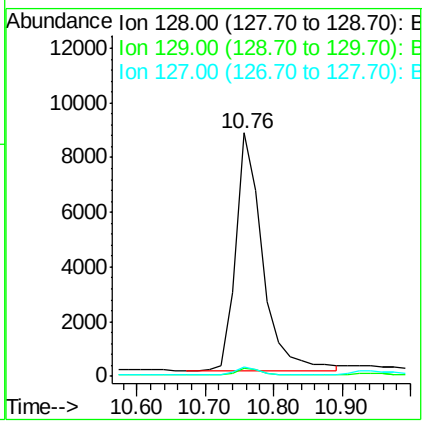


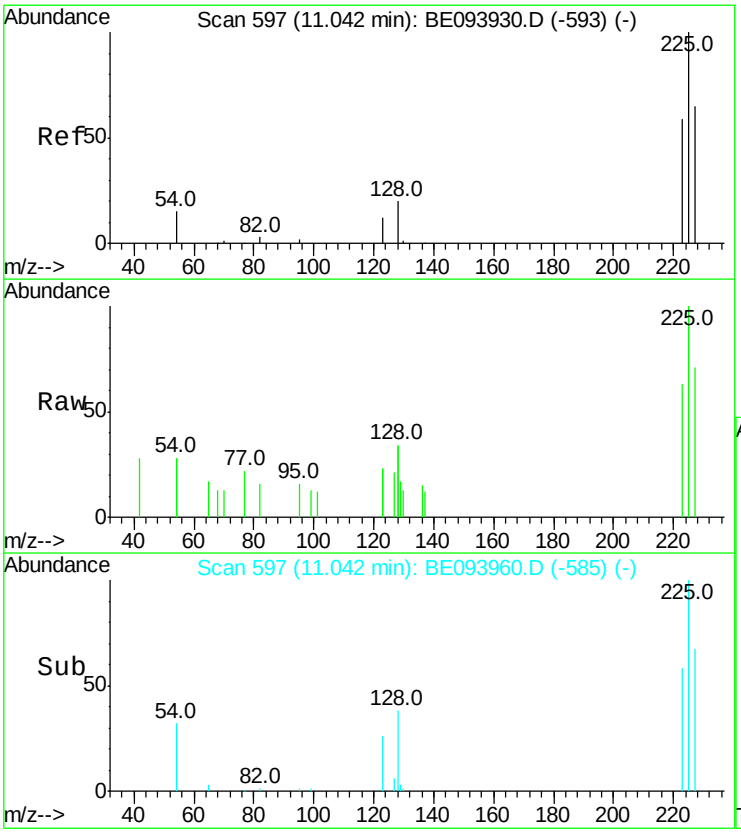
#9
Naphthalene
Concen: 0.208 ng
RT: 10.76 min Scan# 580
Delta R.T. 0.00 min
Lab File: BE093960.D
Acq: 11 Sep 2017 13:27

Instrument :
BNA_E
ClientSampleId :
PB102153BSD

Tgt Ion:128 Resp: 23463

Ion	Ratio	Lower	Upper
128	100		
129	3.3	2.5	3.7
127	3.7	2.6	4.0

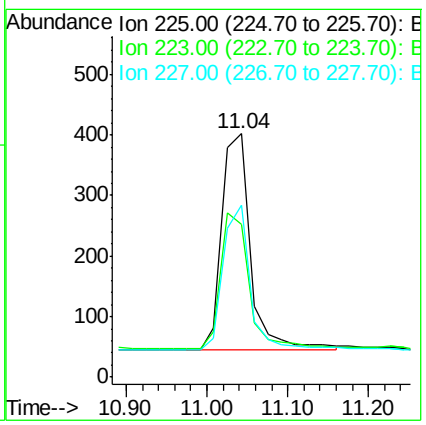


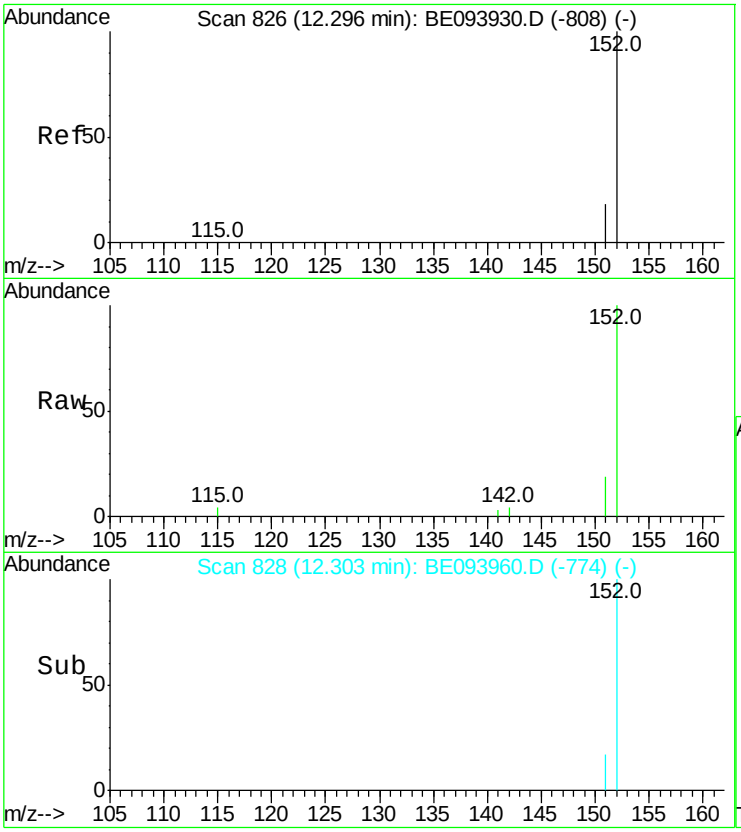


#10
Hexachlorobutadiene
Concen: 0.216 ng
RT: 11.04 min Scan# 597
Delta R.T. 0.00 min
Lab File: BE093960.D
Acq: 11 Sep 2017 13:27

Tgt Ion:225 Resp: 882

Ion	Ratio	Lower	Upper
225	100		
223	62.6	49.4	74.0
227	63.3	50.5	75.7



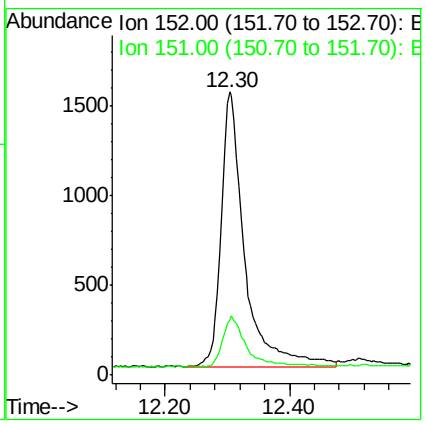


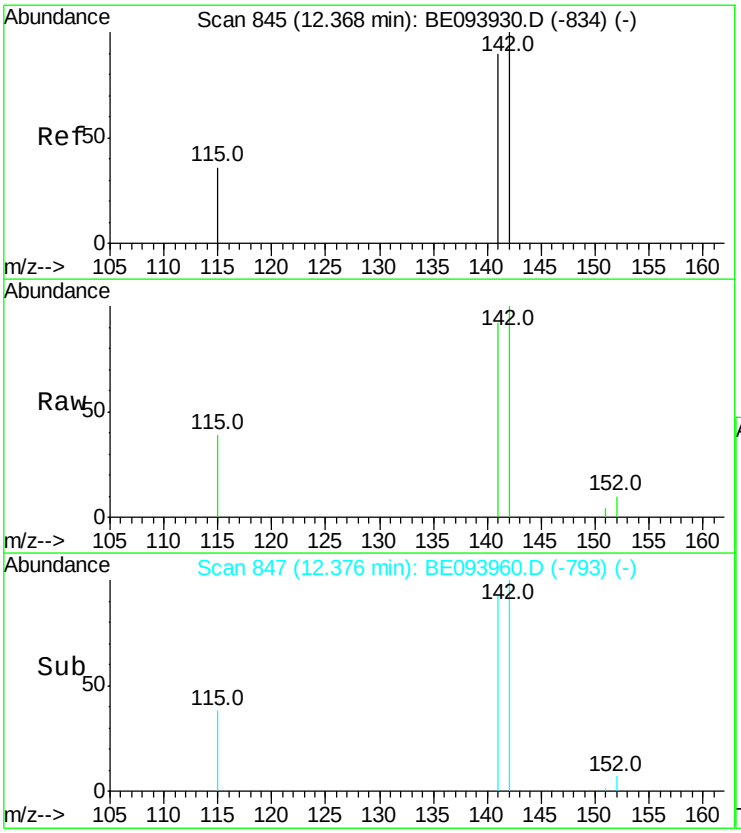
#11
2-Methylnaphthalene-d10
Concen: 0.254 ng
RT: 12.30 min Scan# 828
Delta R.T. 0.01 min
Lab File: BE093960.D
Acq: 11 Sep 2017 13:27

Instrument :
BNA_E
ClientSampleId :
PB102153BSD

Tgt Ion:152 Resp: 3997

Ion	Ratio	Lower	Upper
152	100		
151	17.8	15.4	23.0

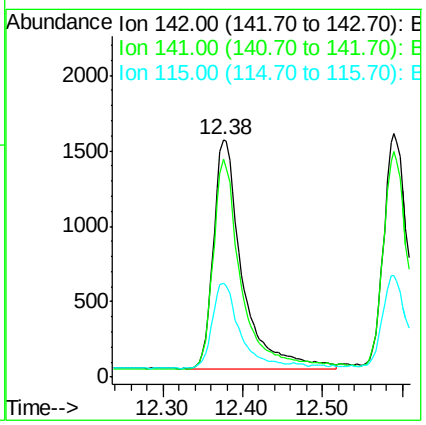


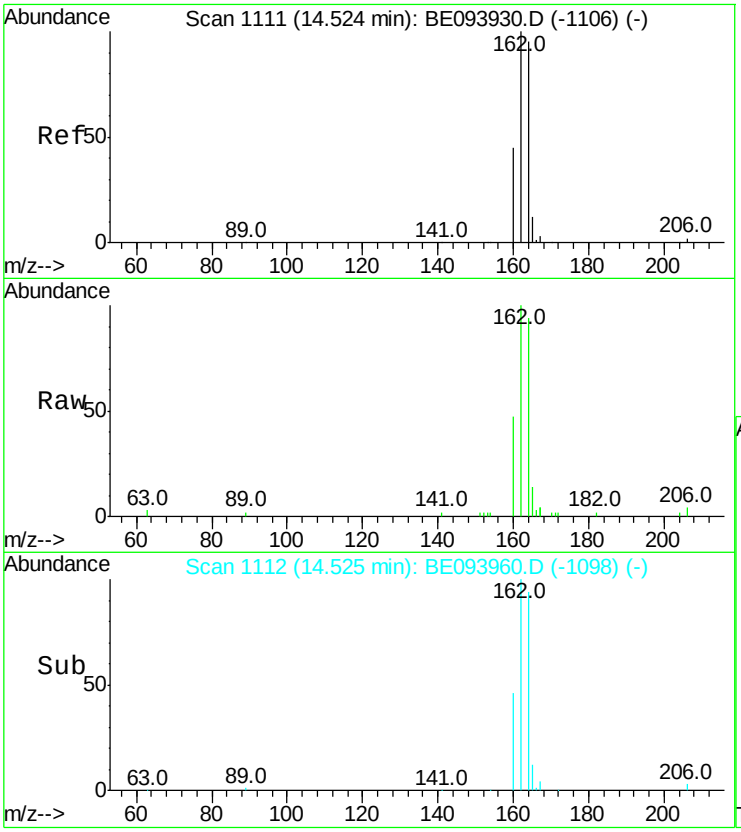


#12
2-Methylnaphthalene
Concen: 0.203 ng
RT: 12.38 min Scan# 847
Delta R.T. 0.01 min
Lab File: BE093960.D
Acq: 11 Sep 2017 13:27

Tgt Ion:142 Resp: 3801

Ion	Ratio	Lower	Upper
142	100		
141	91.7	71.4	107.2
115	39.4	29.4	44.0



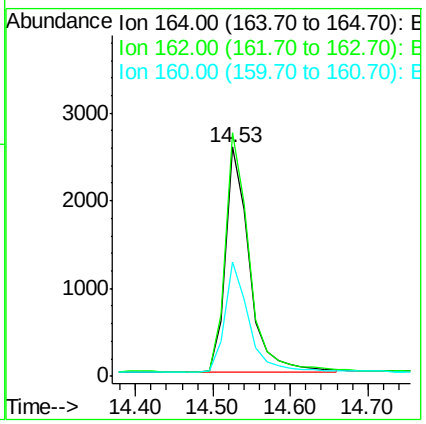


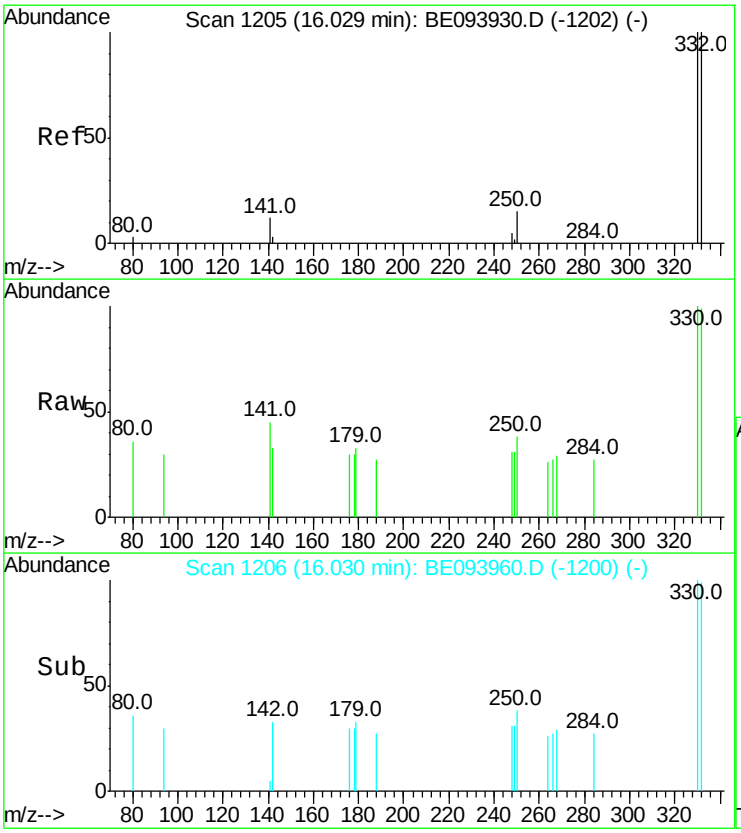
#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.53 min Scan# 1112
Delta R.T. 0.00 min
Lab File: BE093960.D
Acq: 11 Sep 2017 13:27

Instrument :
BNA_E
ClientSampleId :
PB102153BSD

Tgt Ion:164 Resp: 5526

Ion	Ratio	Lower	Upper
164	100		
162	106.3	80.8	121.2
160	49.9	37.0	55.4

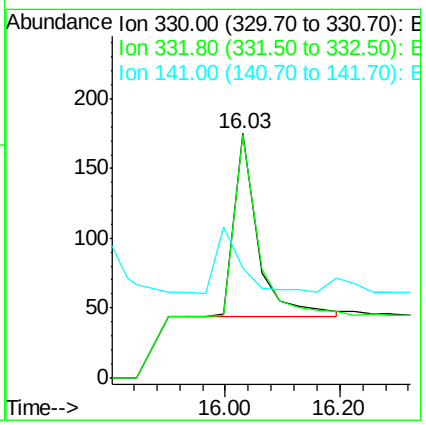


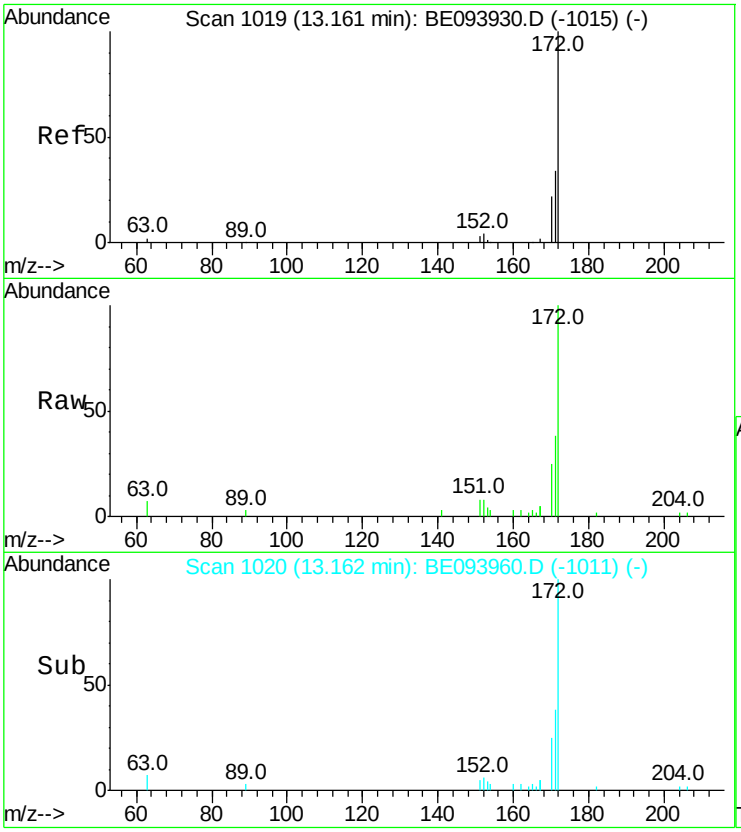


#14
2,4,6-Tribromophenol
Concen: 0.217 ng
RT: 16.03 min Scan# 1206
Delta R.T. 0.00 min
Lab File: BE093960.D
Acq: 11 Sep 2017 13:27

Tgt Ion:330 Resp: 372

Ion	Ratio	Lower	Upper
330	100		
332	99.5	76.9	115.3
141	0.0	0.0	0.0



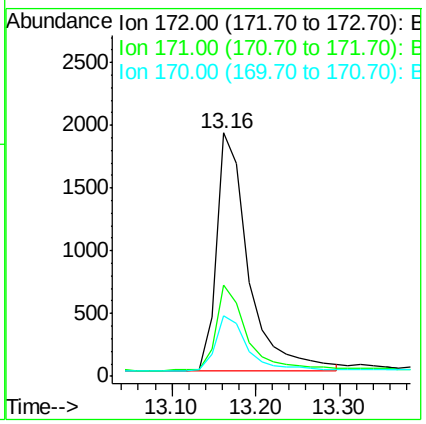


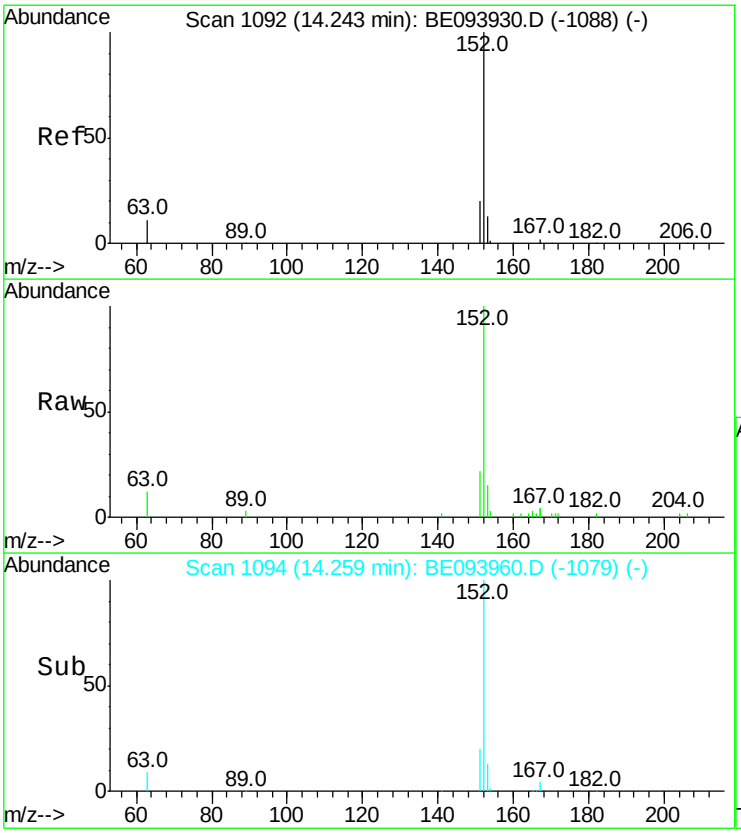
#15
2-Fluorobiphenyl
Concen: 0.230 ng
RT: 13.16 min Scan# 1020
Delta R.T. 0.00 min
Lab File: BE093960.D
Acq: 11 Sep 2017 13:27

Instrument :
BNA_E
ClientSampleId :
PB102153BSD

Tgt Ion:172 Resp: 5017

Ion	Ratio	Lower	Upper
172	100		
171	37.8	26.9	40.3
170	25.0	17.3	25.9

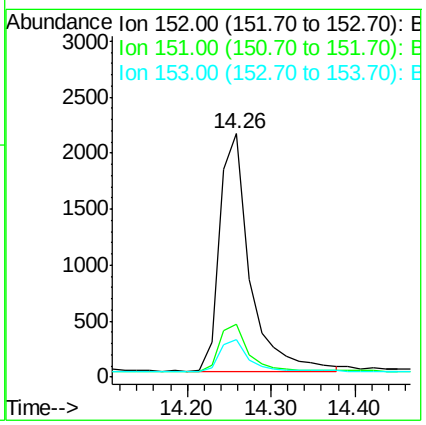


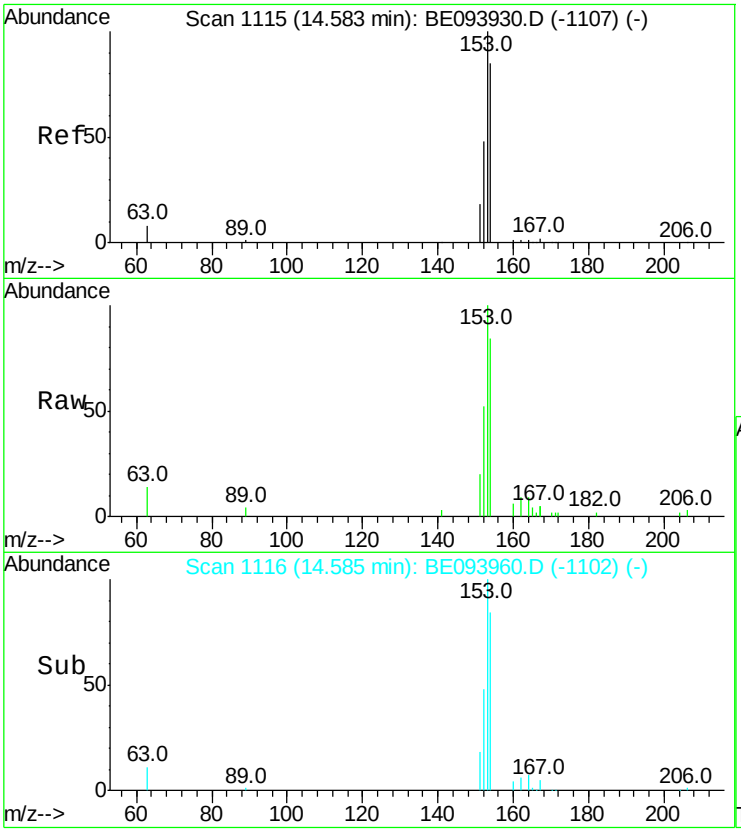


#16
Acenaphthylene
Concen: 0.192 ng
RT: 14.26 min Scan# 1094
Delta R.T. 0.02 min
Lab File: BE093960.D
Acq: 11 Sep 2017 13:27

Tgt Ion:152 Resp: 5292

Ion	Ratio	Lower	Upper
152	100		
151	19.4	15.7	23.5
153	12.8	10.6	16.0



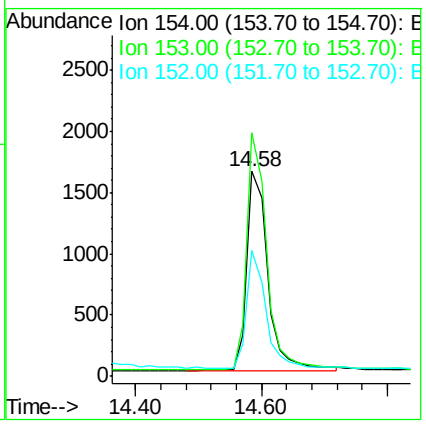


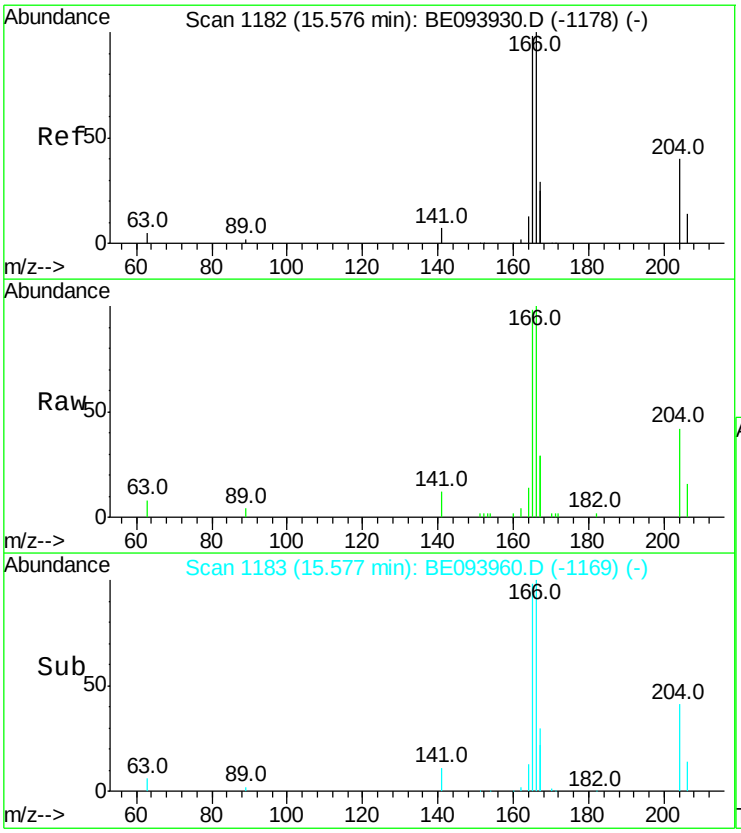
#17
Acenaphthene
Concen: 0.202 ng
RT: 14.58 min Scan# 1116
Delta R.T. 0.00 min
Lab File: BE093960.D
Acq: 11 Sep 2017 13:27

Instrument :
BNA_E
ClientSampleId :
PB102153BSD

Tgt Ion:154 Resp: 3768

Ion	Ratio	Lower	Upper
154	100		
153	112.6	91.8	137.6
152	55.9	44.9	67.3

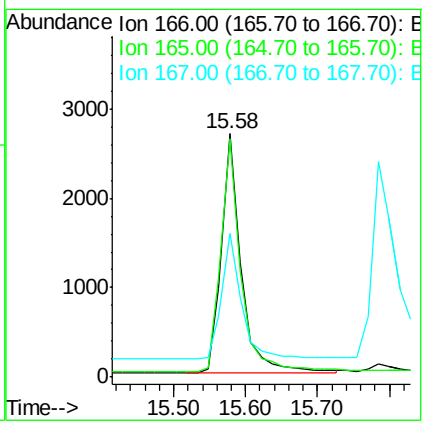


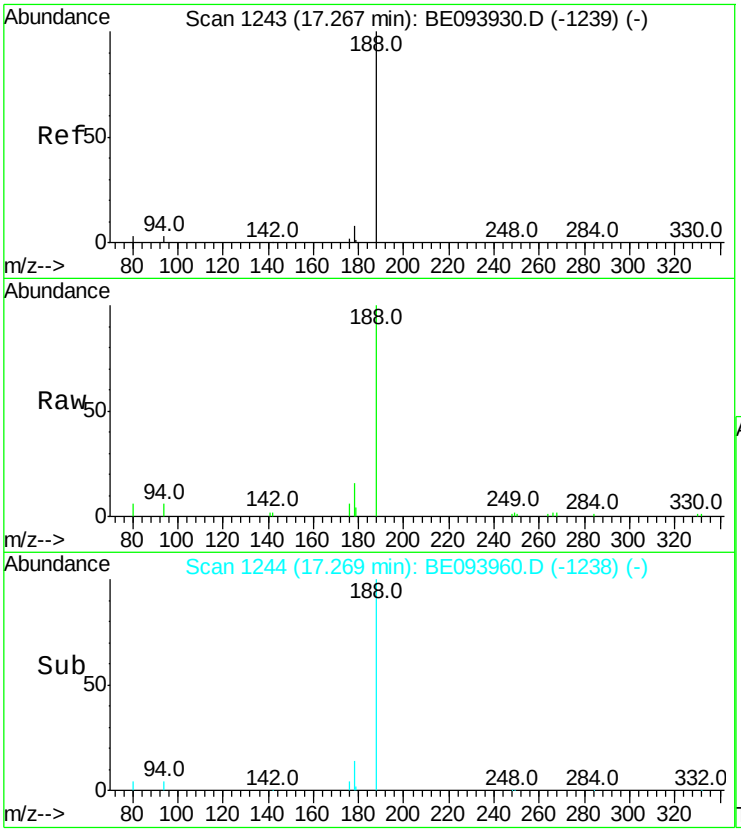


#18
Fluorene
Concen: 0.212 ng
RT: 15.58 min Scan# 1183
Delta R.T. 0.00 min
Lab File: BE093960.D
Acq: 11 Sep 2017 13:27

Tgt Ion:166 Resp: 5094

Ion	Ratio	Lower	Upper
166	100		
165	98.7	79.4	119.0
167	53.8	43.5	65.3



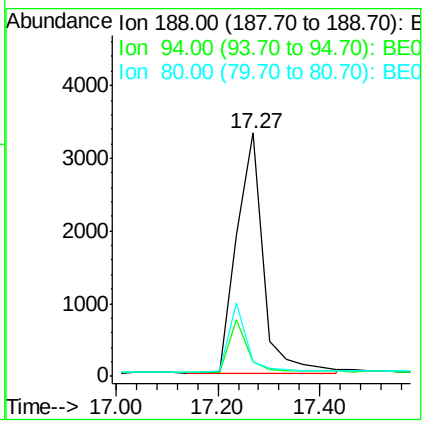


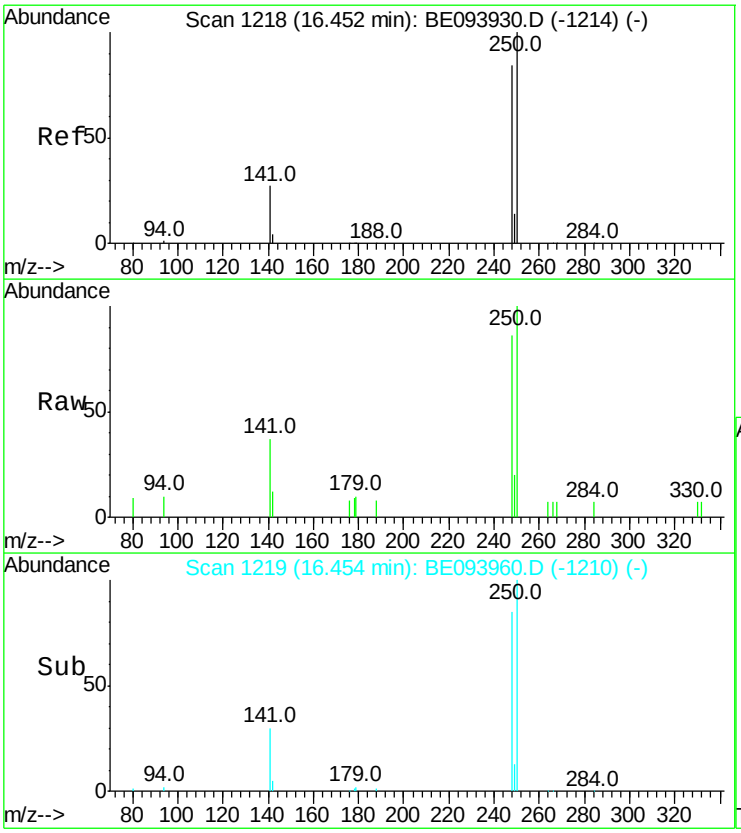
#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.27 min Scan# 1244
Delta R.T. 0.00 min
Lab File: BE093960.D
Acq: 11 Sep 2017 13:27

Instrument :
BNA_E
ClientSampleId :
PB102153BSD

Tgt Ion:188 Resp: 11824

Ion	Ratio	Lower	Upper
188	100		
94	5.8	16.1	24.1#
80	6.0	18.2	27.2#

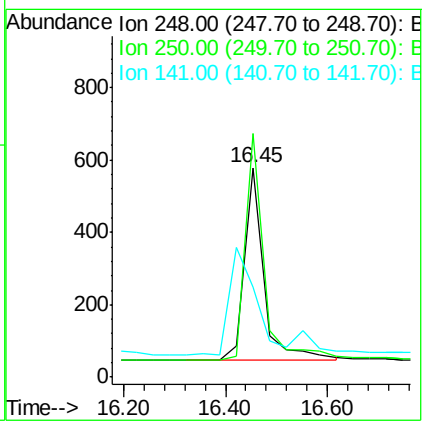


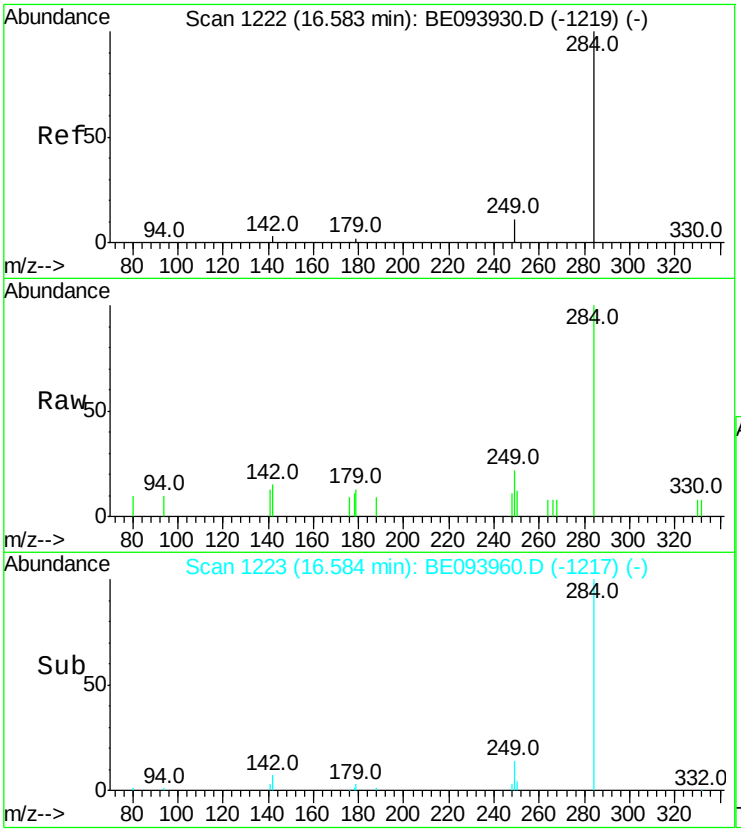


#20
4-Bromophenyl-phenylether
Concen: 0.158 ng
RT: 16.45 min Scan# 1219
Delta R.T. 0.00 min
Lab File: BE093960.D
Acq: 11 Sep 2017 13:27

Tgt Ion:248 Resp: 1418

Ion	Ratio	Lower	Upper
248	100		
250	116.2	111.8	167.8
141	43.0	27.1	40.7#



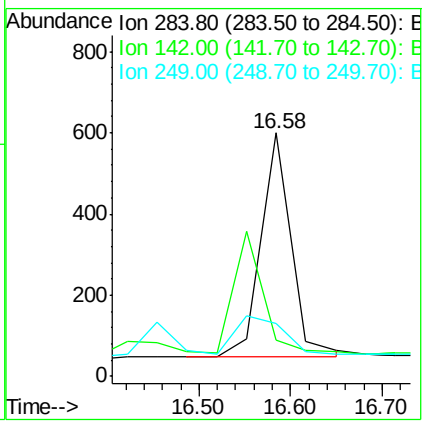


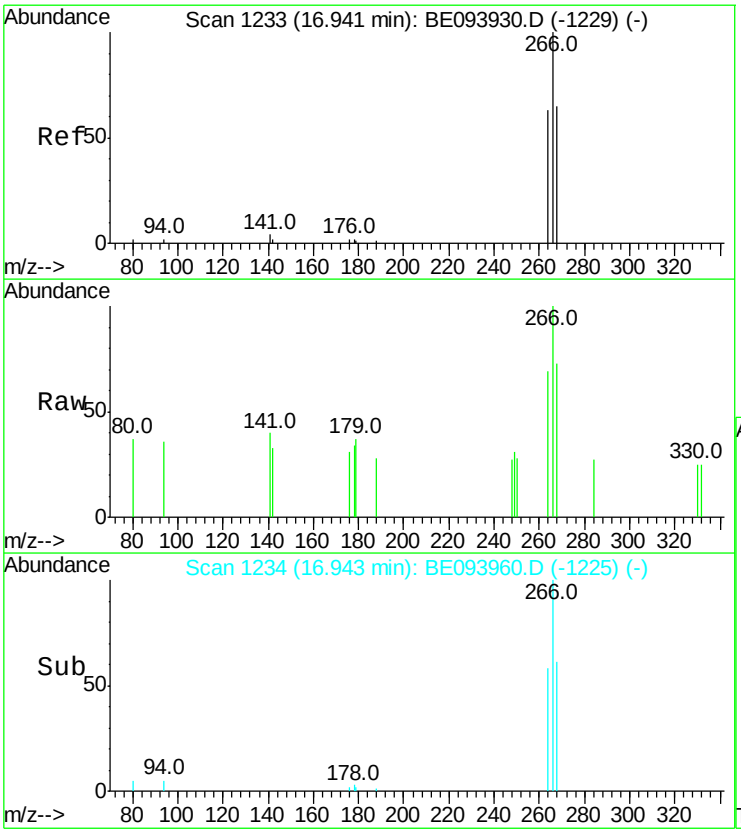
#21
Hexachlorobenzene
Concen: 0.183 ng
RT: 16.58 min Scan# 1223
Delta R.T. 0.00 min
Lab File: BE093960.D
Acq: 11 Sep 2017 13:27

Instrument :
BNA_E
ClientSampleId :
PB102153BSD

Tgt Ion:284 Resp: 1281

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

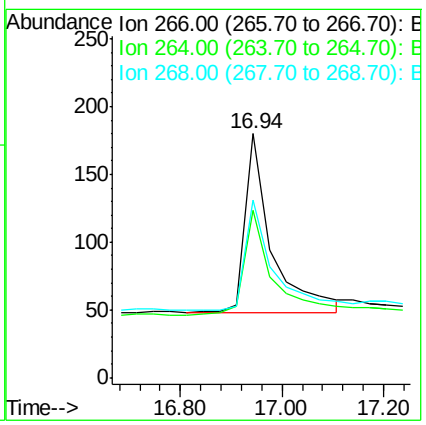


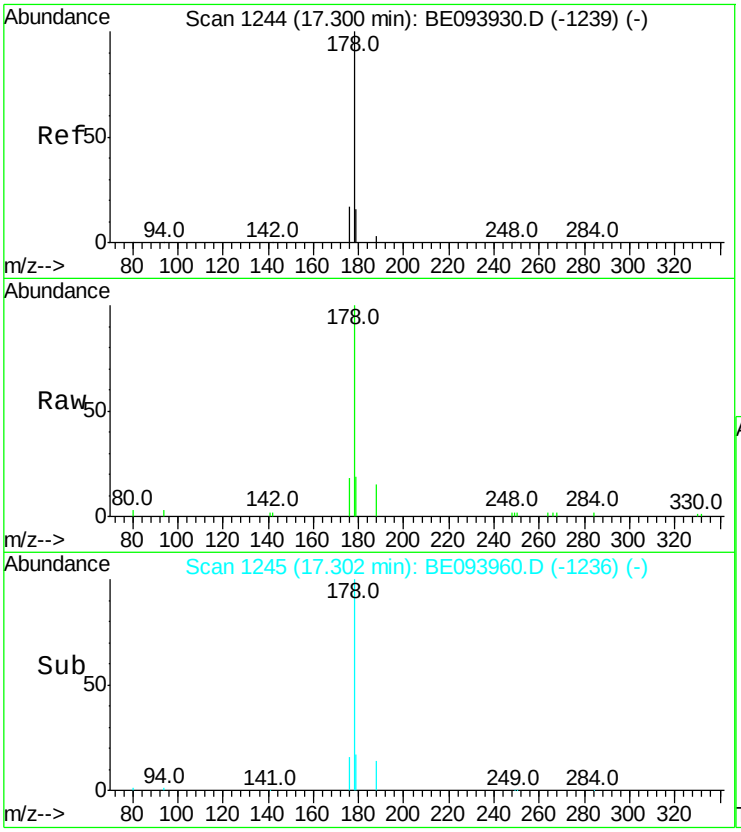


#22
Pentachlorophenol
Concen: 0.257 ng
RT: 16.94 min Scan# 1234
Delta R.T. 0.00 min
Lab File: BE093960.D
Acq: 11 Sep 2017 13:27

Tgt Ion:266 Resp: 481

Ion	Ratio	Lower	Upper
266	100		
264	68.9	53.5	80.3
268	72.8	60.0	90.0



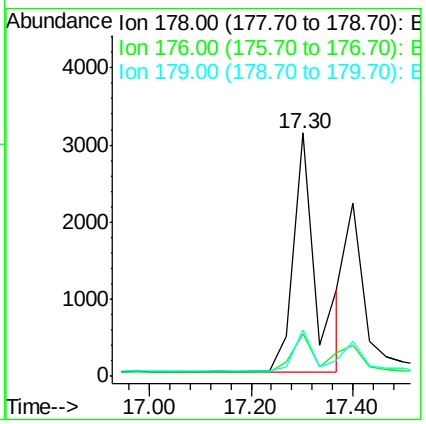


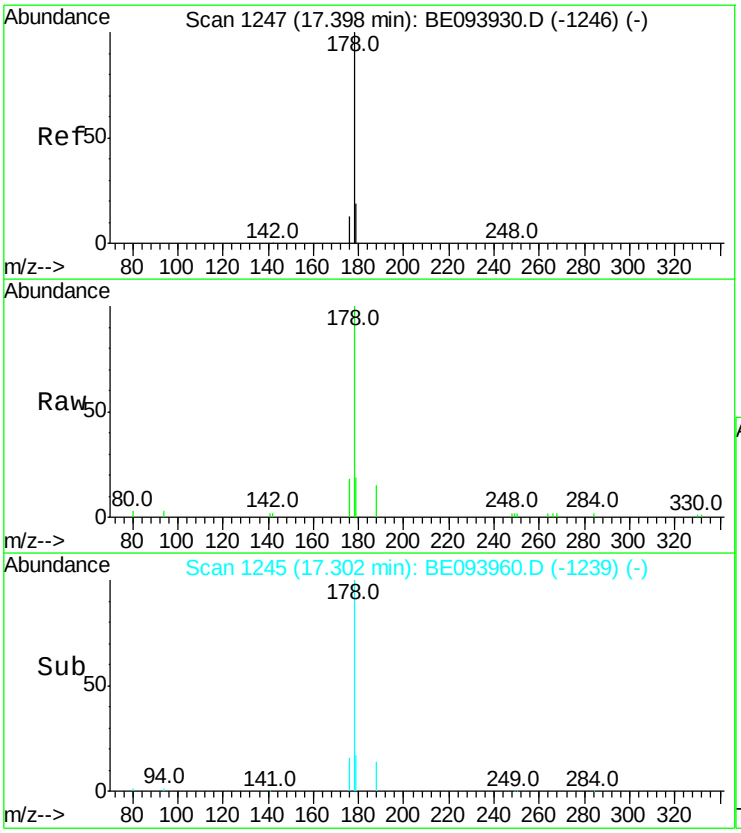
#23
Phenanthrene
Concen: 0.172 ng
RT: 17.30 min Scan# 1245
Delta R.T. 0.00 min
Lab File: BE093960.D
Acq: 11 Sep 2017 13:27

Instrument :
BNA_E
ClientSampleId :
PB102153BSD

Tgt Ion:178 Resp: 9748

Ion	Ratio	Lower	Upper
178	100		
176	29.1	0.0	0.0#
179	15.8	12.6	18.8

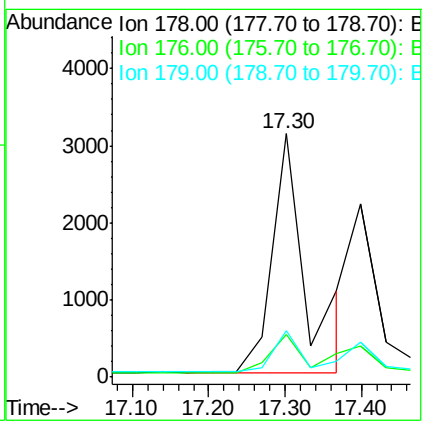


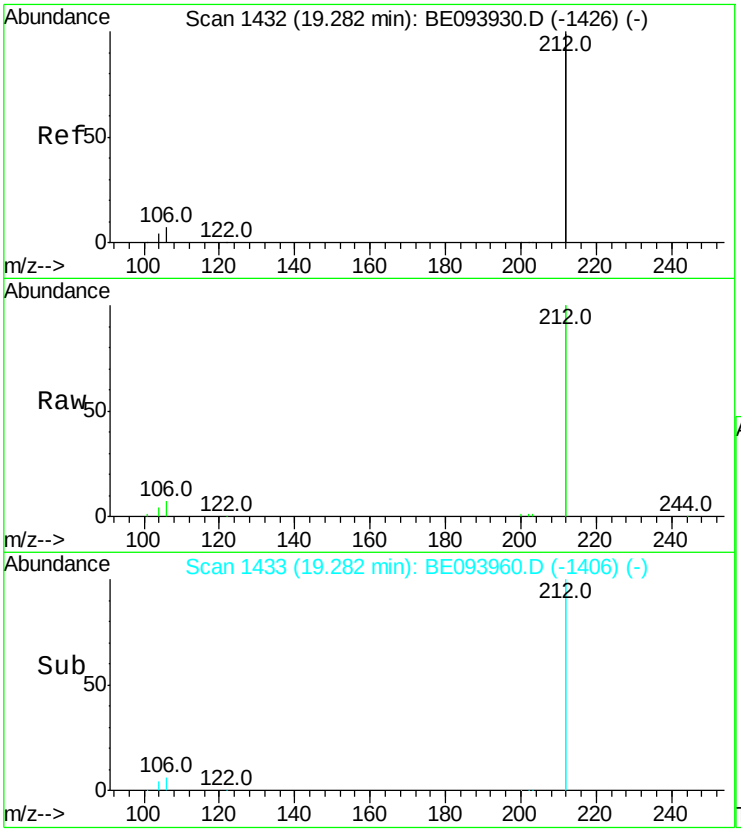


#24
Anthracene
Concen: 0.270 ng
RT: 17.30 min Scan# 1245
Delta R.T. -0.10 min
Lab File: BE093960.D
Acq: 11 Sep 2017 13:27

Tgt Ion:178 Resp: 9711

Ion	Ratio	Lower	Upper
178	100		
176	29.2	16.0	24.0#
179	15.6	0.0	0.0#



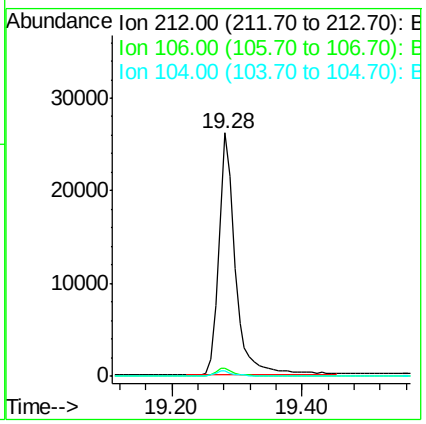


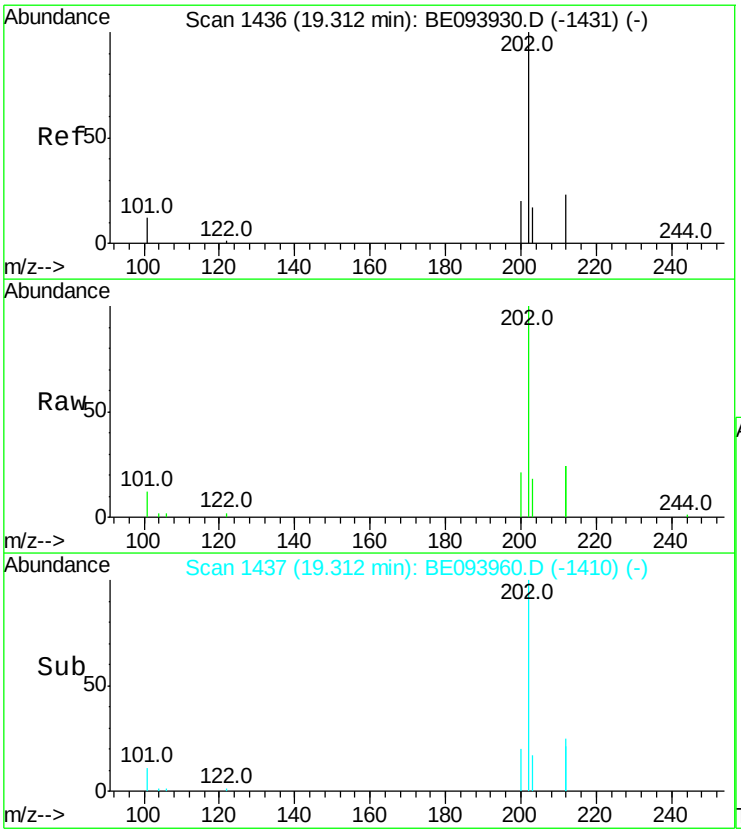
#25
Fluoranthene-d10
Concen: 0.261 ng
RT: 19.28 min Scan# 1433
Delta R.T. -0.00 min
Lab File: BE093960.D
Acq: 11 Sep 2017 13:27

Instrument :
BNA_E
ClientSampleId :
PB102153BSD

Tgt Ion:212 Resp: 45959

Ion	Ratio	Lower	Upper
212	100		
106	3.4	2.7	4.1
104	2.0	1.6	2.4

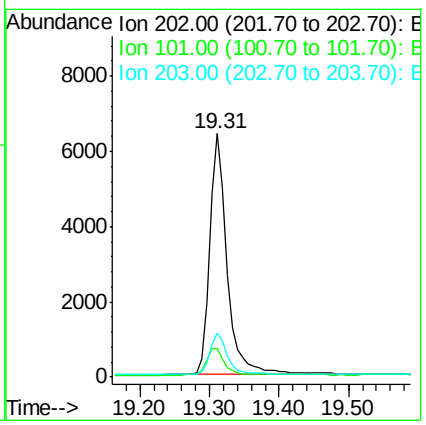


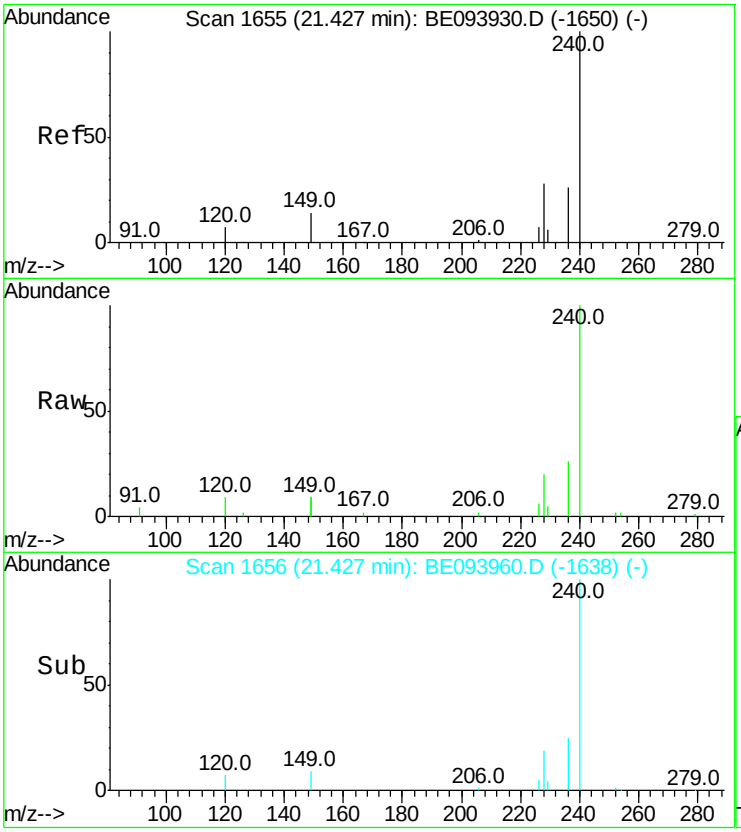


#26
Fluoranthene
Concen: 0.212 ng
RT: 19.31 min Scan# 1437
Delta R.T. -0.00 min
Lab File: BE093960.D
Acq: 11 Sep 2017 13:27

Tgt Ion:202 Resp: 11177

Ion	Ratio	Lower	Upper
202	100		
101	12.1	9.7	14.5
203	16.9	13.7	20.5



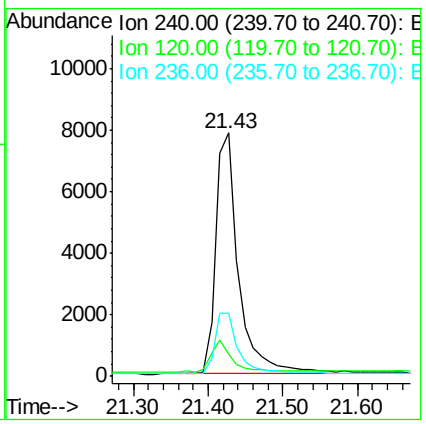


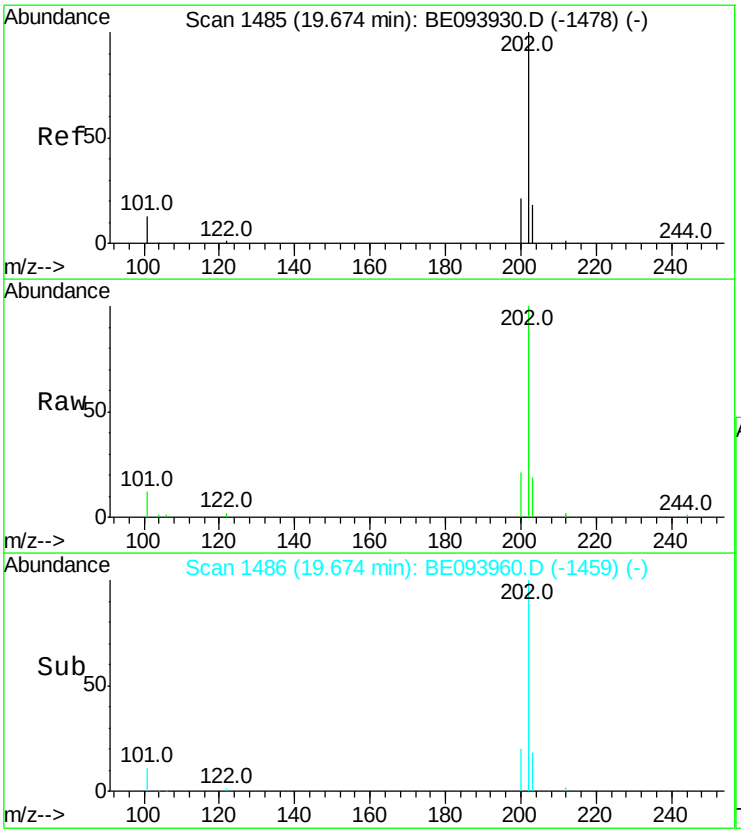
#27
Chrysene-d12
Concen: 0.400 ng
RT: 21.43 min Scan# 1656
Delta R.T. -0.00 min
Lab File: BE093960.D
Acq: 11 Sep 2017 13:27

Instrument :
BNA_E
ClientSampleId :
PB102153BSD

Tgt Ion:240 Resp: 16674

Ion	Ratio	Lower	Upper
240	100		
120	8.9	8.7	13.1
236	25.7	21.3	31.9

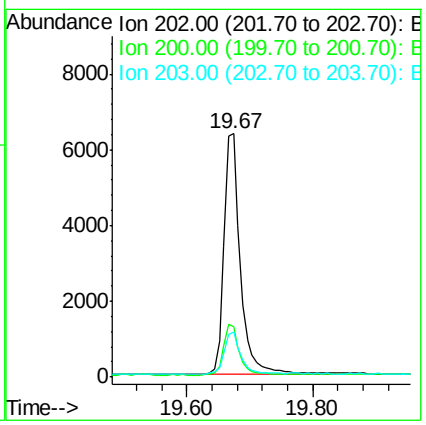


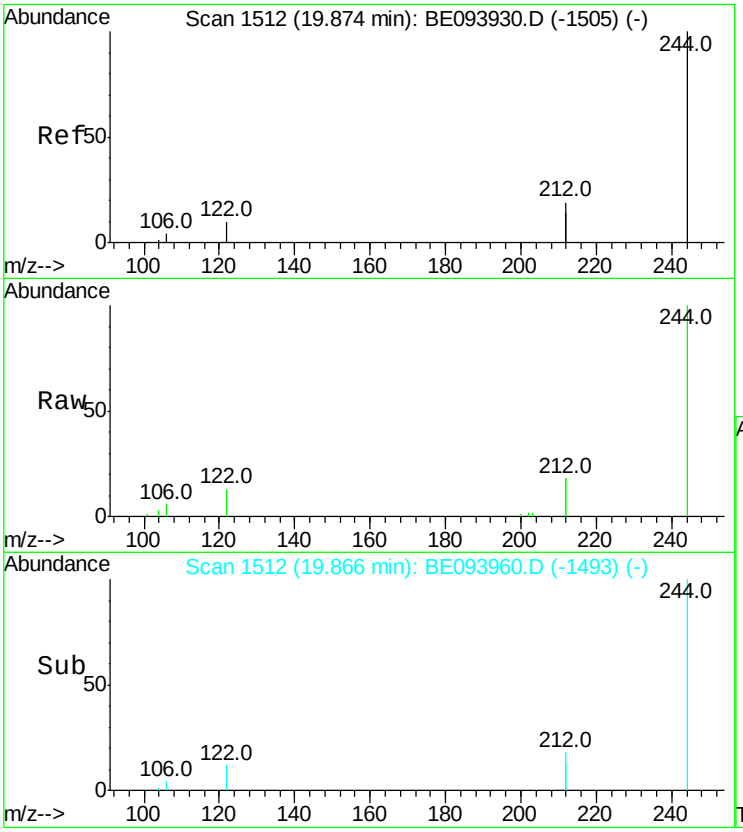


#28
Pyrene
Concen: 0.200 ng
RT: 19.67 min Scan# 1486
Delta R.T. -0.00 min
Lab File: BE093960.D
Acq: 11 Sep 2017 13:27

Tgt Ion:202 Resp: 11461

Ion	Ratio	Lower	Upper
202	100		
200	20.4	16.6	24.8
203	17.7	14.2	21.4



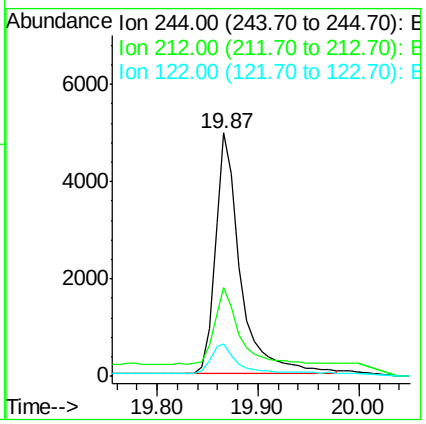


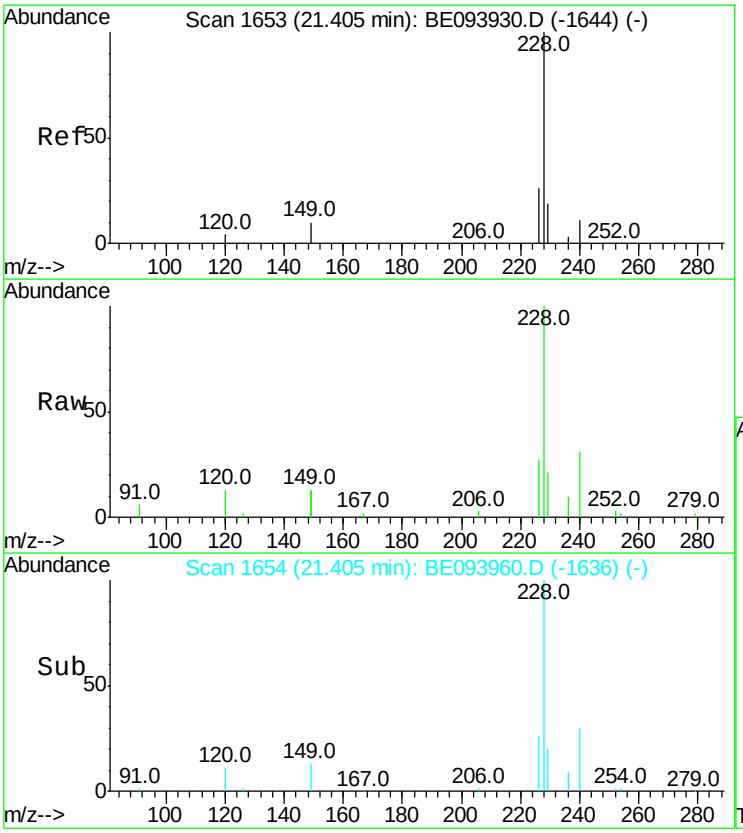
#29
Terphenyl-d14
Concen: 0.278 ng
RT: 19.87 min Scan# 1512
Delta R.T. -0.01 min
Lab File: BE093960.D
Acq: 11 Sep 2017 13:27

Instrument :
BNA_E
ClientSampleId :
PB102153BSD

Tgt Ion:244 Resp: 8535

Ion	Ratio	Lower	Upper
244	100		
212	36.6	28.3	42.5
122	13.3	9.4	14.0

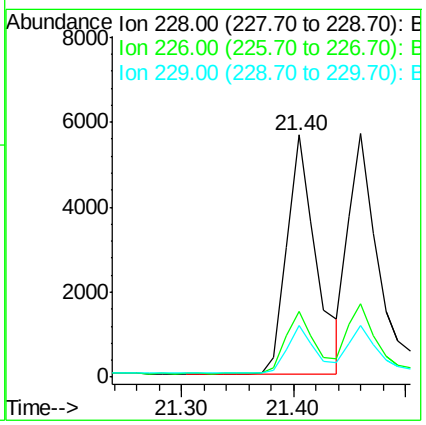


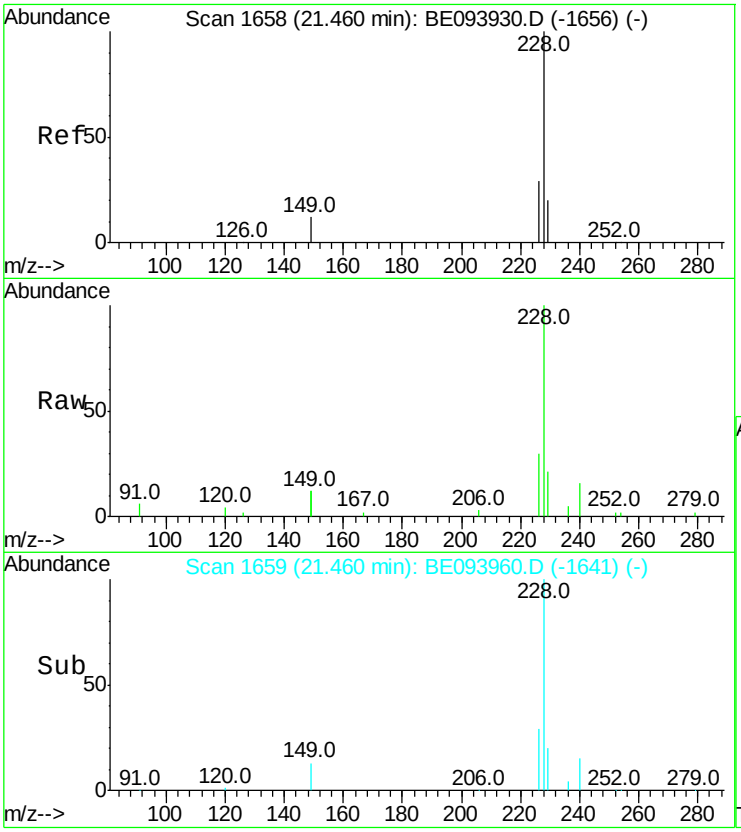


#30
Benzo(a)anthracene
Concen: 0.200 ng
RT: 21.40 min Scan# 1654
Delta R.T. -0.00 min
Lab File: BE093960.D
Acq: 11 Sep 2017 13:27

Tgt Ion:228 Resp: 10219

Ion	Ratio	Lower	Upper
228	100		
226	27.0	20.8	31.2
229	21.4	16.6	25.0



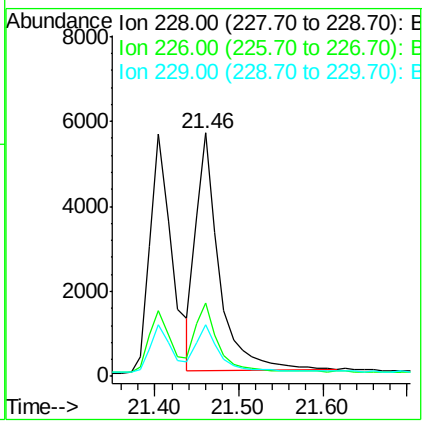


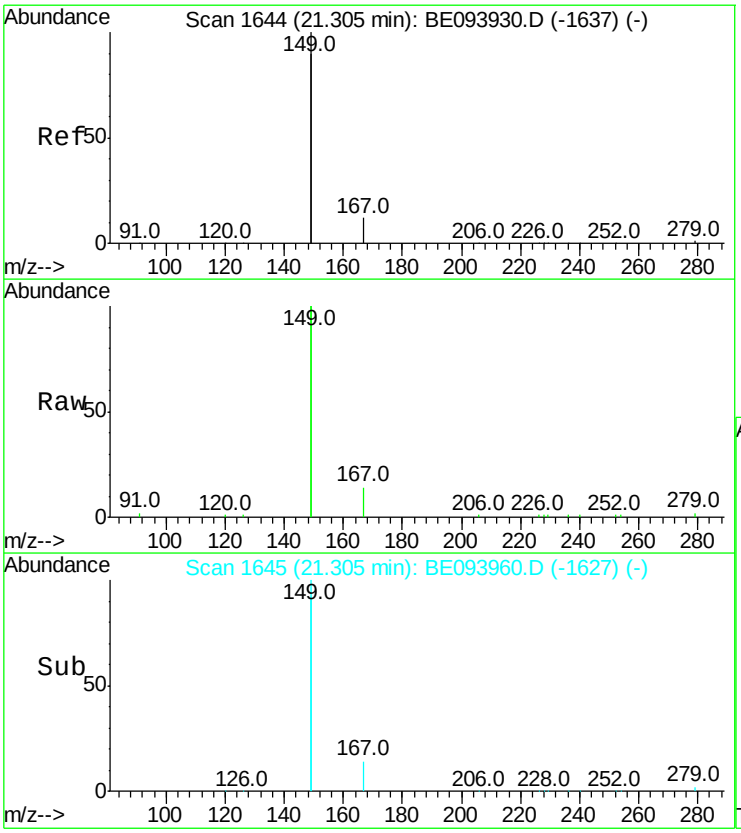
#31
Chrysene
Concen: 0.200 ng
RT: 21.46 min Scan# 1659
Delta R.T. -0.00 min
Lab File: BE093960.D
Acq: 11 Sep 2017 13:27

Instrument :
BNA_E
ClientSampleId :
PB102153BSD

Tgt Ion:228 Resp: 10830

Ion	Ratio	Lower	Upper
228	100		
226	30.1	24.6	37.0
229	21.2	15.8	23.8

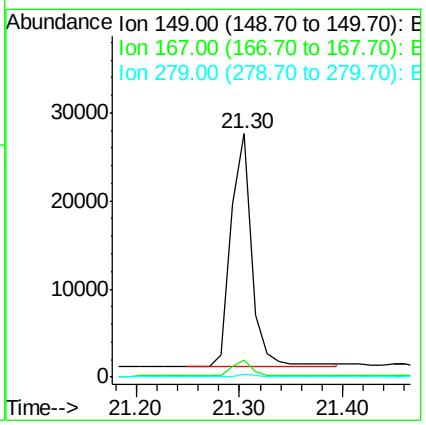


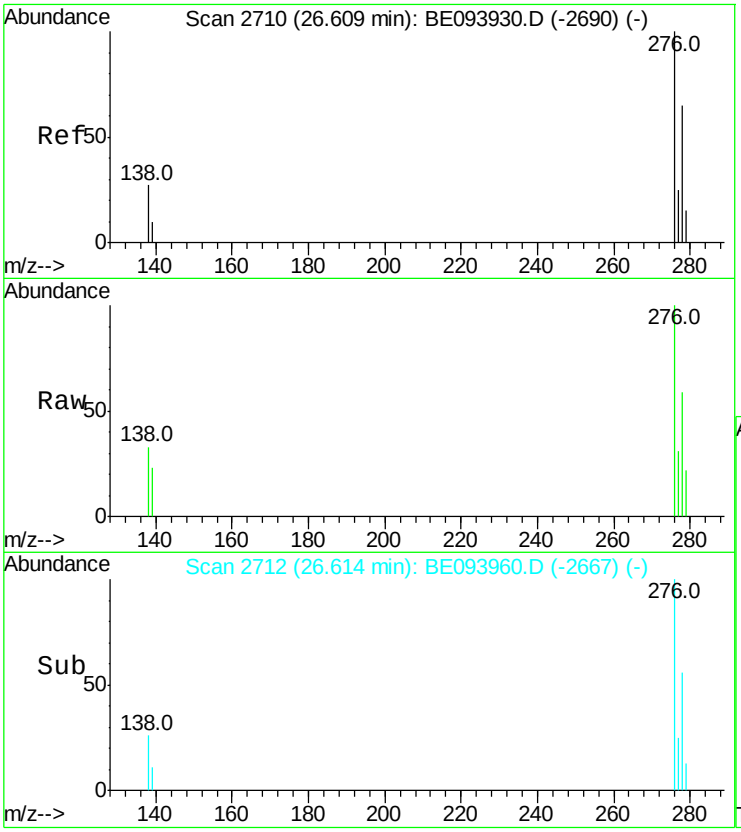


#32
Bis(2-ethylhexyl)phthalate
Concen: 0.296 ng
RT: 21.30 min Scan# 1645
Delta R.T. -0.00 min
Lab File: BE093960.D
Acq: 11 Sep 2017 13:27

Tgt Ion:149 Resp: 36854

Ion	Ratio	Lower	Upper
149	100		
167	6.5	5.4	8.0
279	0.9	0.7	1.1



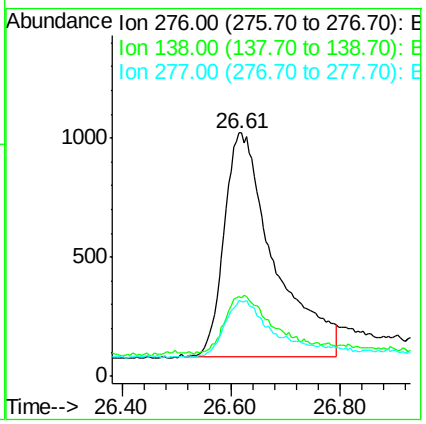


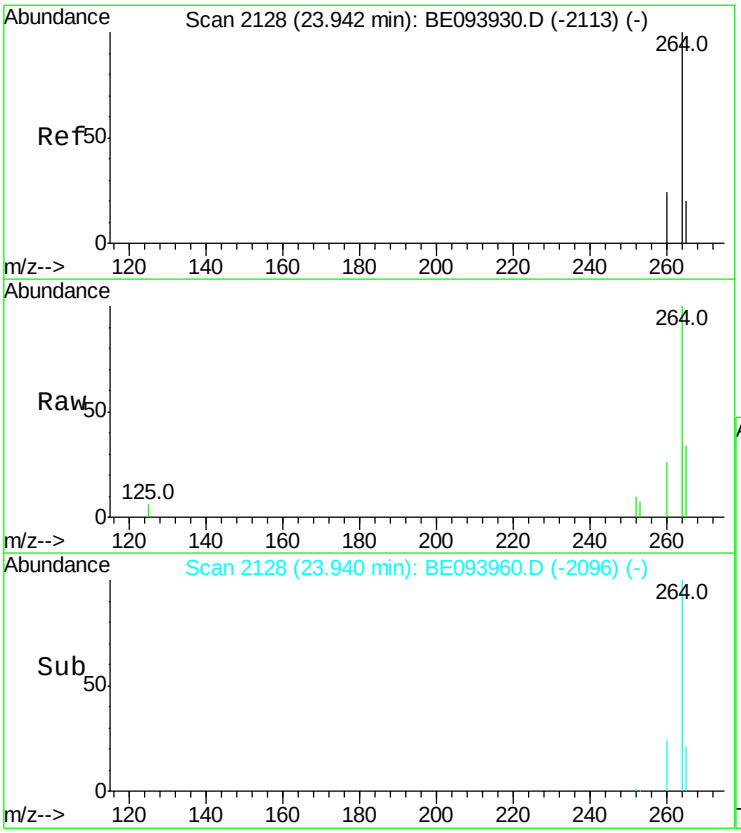
#33
Indeno(1,2,3-cd)pyrene
Concen: 0.165 ng
RT: 26.61 min Scan# 2712
Delta R.T. 0.01 min
Lab File: BE093960.D
Acq: 11 Sep 2017 13:27

Instrument :
BNA_E
ClientSampleId :
PB102153BSD

Tgt Ion:276 Resp: 5954

Ion	Ratio	Lower	Upper
276	100		
138	23.8	22.2	33.2
277	24.2	19.5	29.3

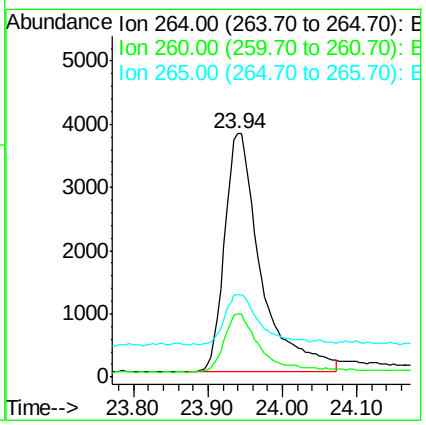


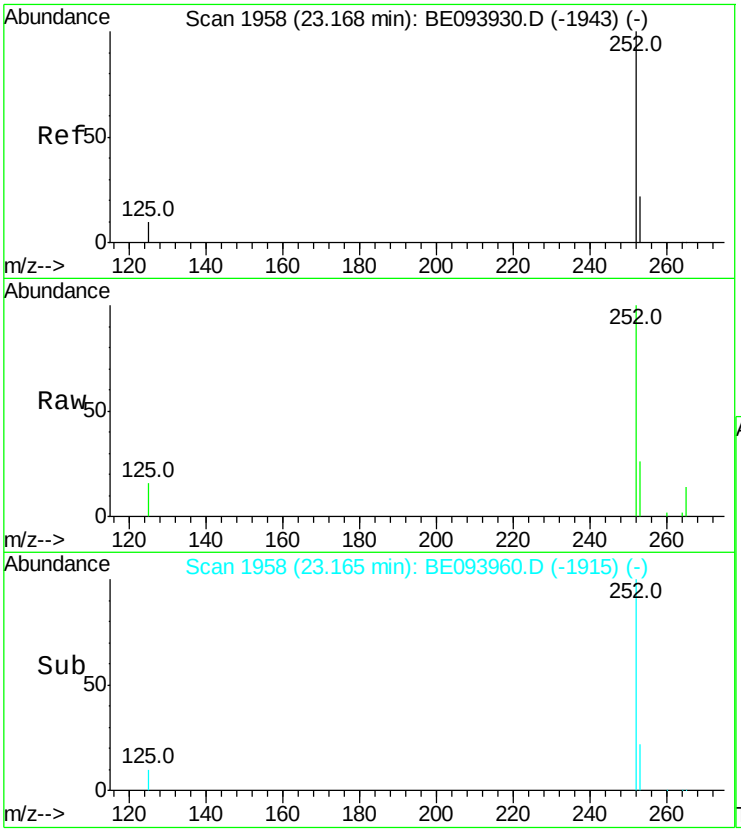


#34
Perylene-d12
Concen: 0.400 ng
RT: 23.94 min Scan# 2128
Delta R.T. -0.00 min
Lab File: BE093960.D
Acq: 11 Sep 2017 13:27

Tgt Ion:264 Resp: 12722

Ion	Ratio	Lower	Upper
264	100		
260	25.8	20.0	30.0
265	34.0	24.0	36.0



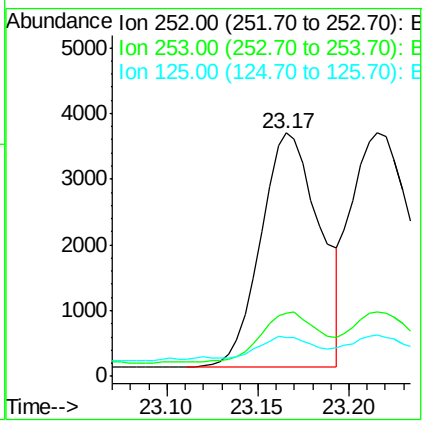


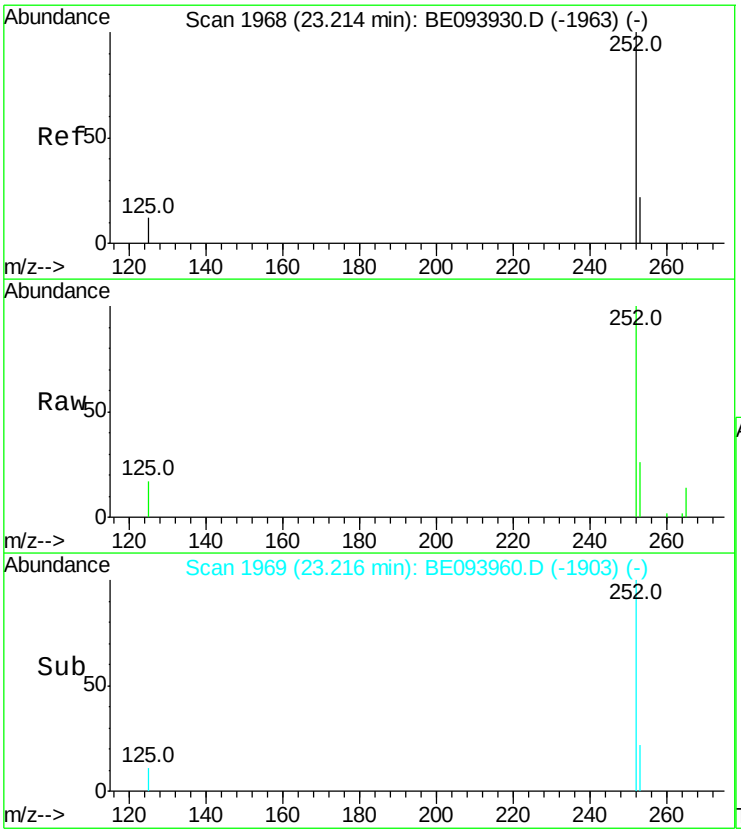
#35
Benzo(b)fluoranthene
Concen: 0.199 ng
RT: 23.17 min Scan# 1958
Delta R.T. -0.00 min
Lab File: BE093960.D
Acq: 11 Sep 2017 13:27

Instrument :
BNA_E
ClientSampleId :
PB102153BSD

Tgt Ion:252 Resp: 8064

Ion	Ratio	Lower	Upper
252	100		
253	26.1	19.4	29.0
125	16.1	10.0	15.0#

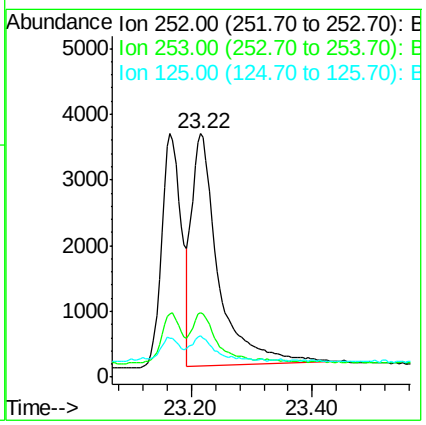


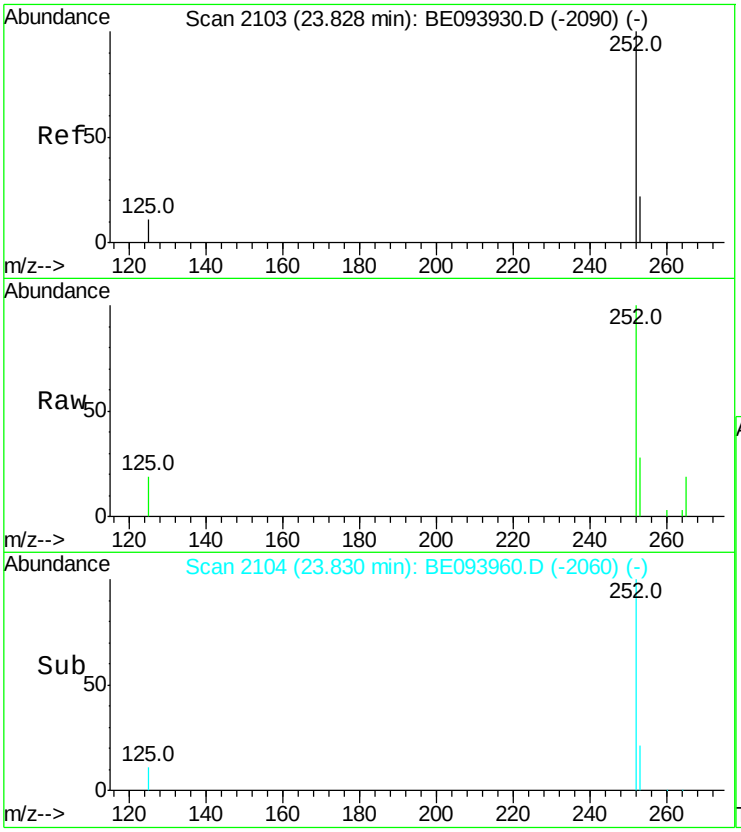


#36
Benzo(k)fluoranthene
Concen: 0.217 ng
RT: 23.22 min Scan# 1969
Delta R.T. 0.00 min
Lab File: BE093960.D
Acq: 11 Sep 2017 13:27

Tgt Ion:252 Resp: 10780

Ion	Ratio	Lower	Upper
252	100		
253	26.3	18.1	27.1
125	16.8	9.8	14.6#



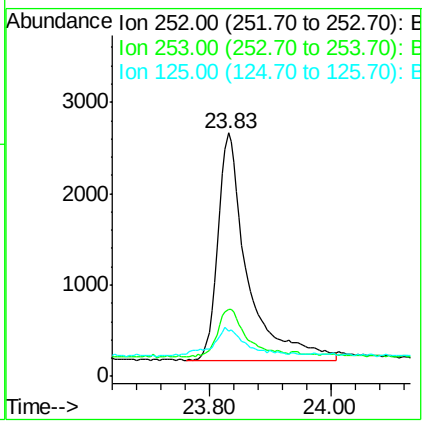


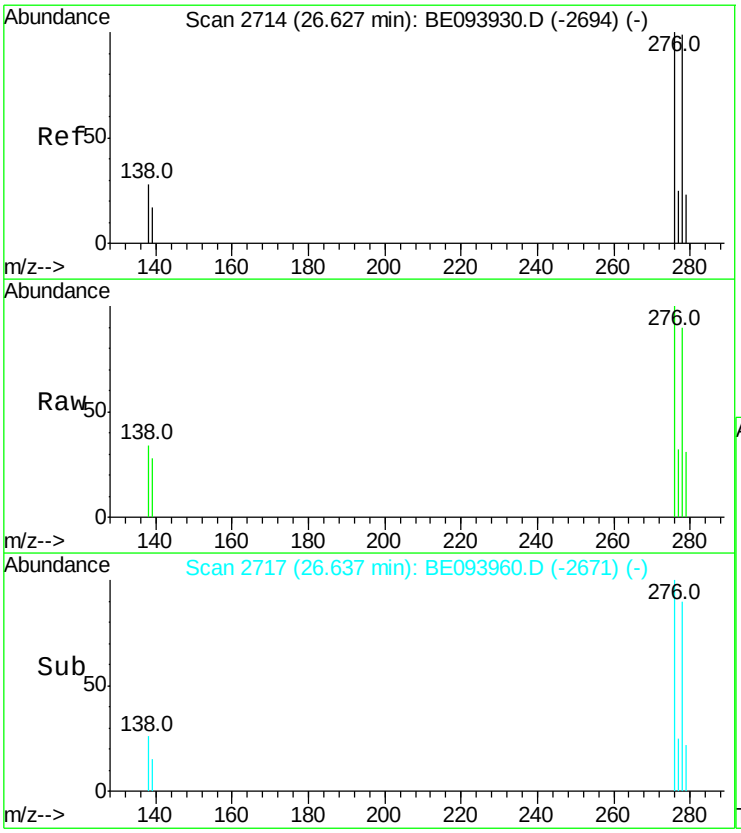
#37
Benzo(a)pyrene
Concen: 0.203 ng
RT: 23.83 min Scan# 2104
Delta R.T. 0.00 min
Lab File: BE093960.D
Acq: 11 Sep 2017 13:27

Instrument :
BNA_E
ClientSampleId :
PB102153BSD

Tgt Ion:252 Resp: 8356

Ion	Ratio	Lower	Upper
252	100		
253	27.7	19.6	29.4
125	18.7	11.8	17.8#

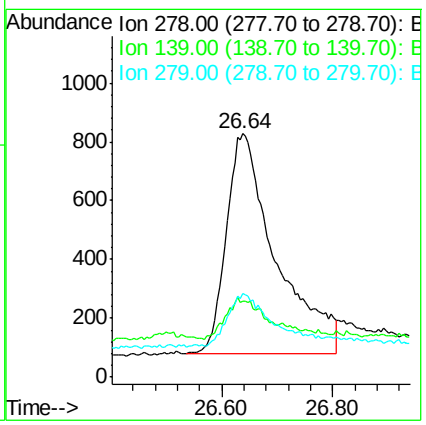


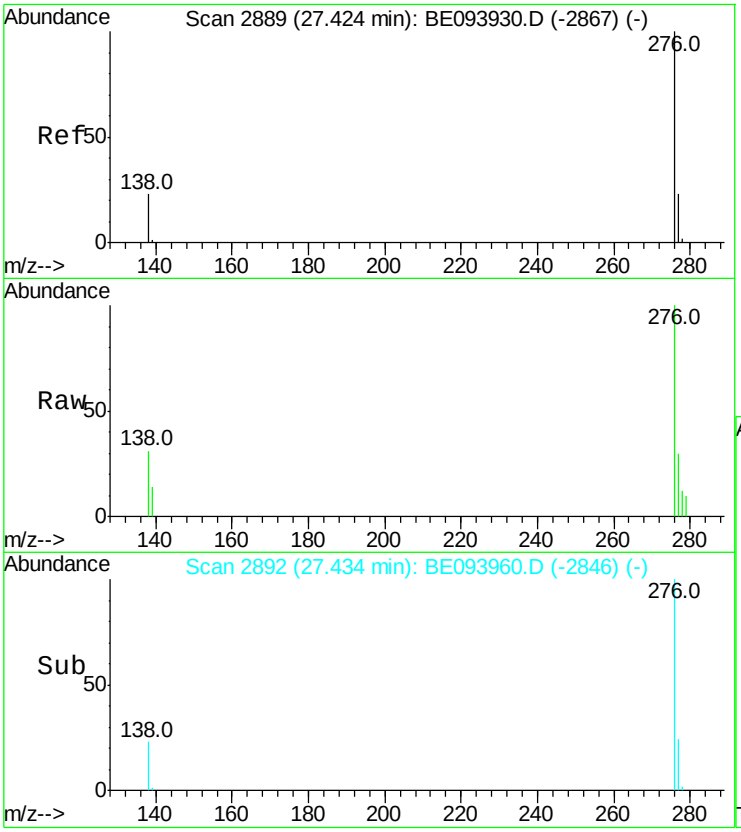


#38
Dibenzo(a,h)anthracene
Concen: 0.170 ng
RT: 26.64 min Scan# 2717
Delta R.T. 0.01 min
Lab File: BE093960.D
Acq: 11 Sep 2017 13:27

Tgt Ion:278 Resp: 4654

Ion	Ratio	Lower	Upper
278	100		
139	30.9	16.7	25.1#
279	34.5	21.6	32.4#





#39
Benzo(g,h,i)perylene
Concen: 0.184 ng
RT: 27.43 min Scan# 2892
Delta R.T. 0.01 min
Lab File: BE093960.D
Acq: 11 Sep 2017 13:27

Instrument :
BNA_E
ClientSampleId :
PB102153BSD

Tgt Ion:276 Resp: 5318

Ion	Ratio	Lower	Upper
276	100		
277	30.4	20.6	30.8
138	30.7	21.9	32.9