Quantitation Report (Not Reviewed)

Data Path : \\74.0.250.170\SVOASRV\HPCHEM1\BNA E\DATA\BE090517\
Data File : BE093943.D
Acq On : 5 Sep 2017 18:59
Operator : SJ/JU
Sample : I5057-03
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument : BNA_E
ClientSampleId : MWHR2-6MSD

Quant Time: Sep 06 05:27:42 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	2117	0.40	ng		0.00
7) Naphthalene-d8	10.71	136	10184	0.40	ng		0.00
13) Acenaphthene-d10	14.52	164	6055	0.40	ng		0.00
19) Phenanthrene-d10	17.24	188	11298	0.40	ng		-0.03
27) Chrysene-d12	21.42	240	16752	0.40	ng		-0.01
34) Perylene-d12	23.94	264	14493	0.40	ng		0.00
System Monitoring Compounds							
4) 2-Fluorophenol	5.54	112	471	0.07	ng		0.01
5) Phenol-d6	7.12	99	531	0.05	ng		0.01
8) Nitrobenzene-d5	9.08	82	2570	0.30	ng		0.00
11) 2-Methylnaphthalene-d10	12.29	152	4815	0.30	ng		0.00
14) 2,4,6-Tribromophenol	16.03	330	270	0.14	ng		0.00
15) 2-Fluorobiphenyl	13.16	172	7390	0.31	ng		0.00
25) Fluoranthene-d10	19.28	212	54152	0.32	ng		0.00
29) Terphenyl-d14	19.87	244	12255	0.40	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.44	88	387	0.133	ng	#	1
3) n-Nitrosodimethylamine	3.75	42	448	0.131	ng	#	94
6) bis(2-Chloroethyl)ether	7.34	93	2149	0.256	ng		97
9) Naphthalene	10.76	128	32051	0.275	ng		100
10) Hexachlorobutadiene	11.04	225	1124	0.265	ng		100
12) 2-Methylnaphthalene	12.37	142	5443	0.281	ng		98
16) Acenaphthylene	14.24	152	8097	0.268	ng		99
17) Acenaphthene	14.58	154	5557	0.272	ng		98
18) Fluorene	15.58	166	7387	0.280	ng		99
20) 4-Bromophenyl-phenylether	16.45	248	1619	0.207	ng		97
21) Hexachlorobenzene	16.58	284	1772	0.266	ng	#	100
22) Pentachlorophenol	16.94	266	250	0.140	ng	#	83
23) Phenanthrene	17.30	178	9374	0.174	ng	#	59
24) Anthracene	17.30	178	9374	0.272	ng	#	96
26) Fluoranthene	19.31	202	15075	0.299	ng		98
28) Pyrene	19.67	202	15431	0.268	ng		99
30) Benzo(a)anthracene	21.41	228	13880	0.270	ng		97
31) Chrysene	21.46	228	14387	0.264	ng		97
32) Bis(2-ethylhexyl)phthalate	21.31	149	42538	0.340	ng		100
33) Indeno(1,2,3-cd)pyrene	26.60	276	11616	0.320	ng		99
35) Benzo(b)fluoranthene	23.16	252	12559	0.272	ng	#	91
36) Benzo(k)fluoranthene	23.21	252	13672	0.242	ng	#	88
37) Benzo(a)pyrene	23.83	252	7643	0.163	ng	#	78
38) Dibenzo(a,h)anthracene	26.61	278	9364	0.300	ng	#	86
39) Benzo(g,h,i)perylene	27.42	276	8682	0.264	ng		93

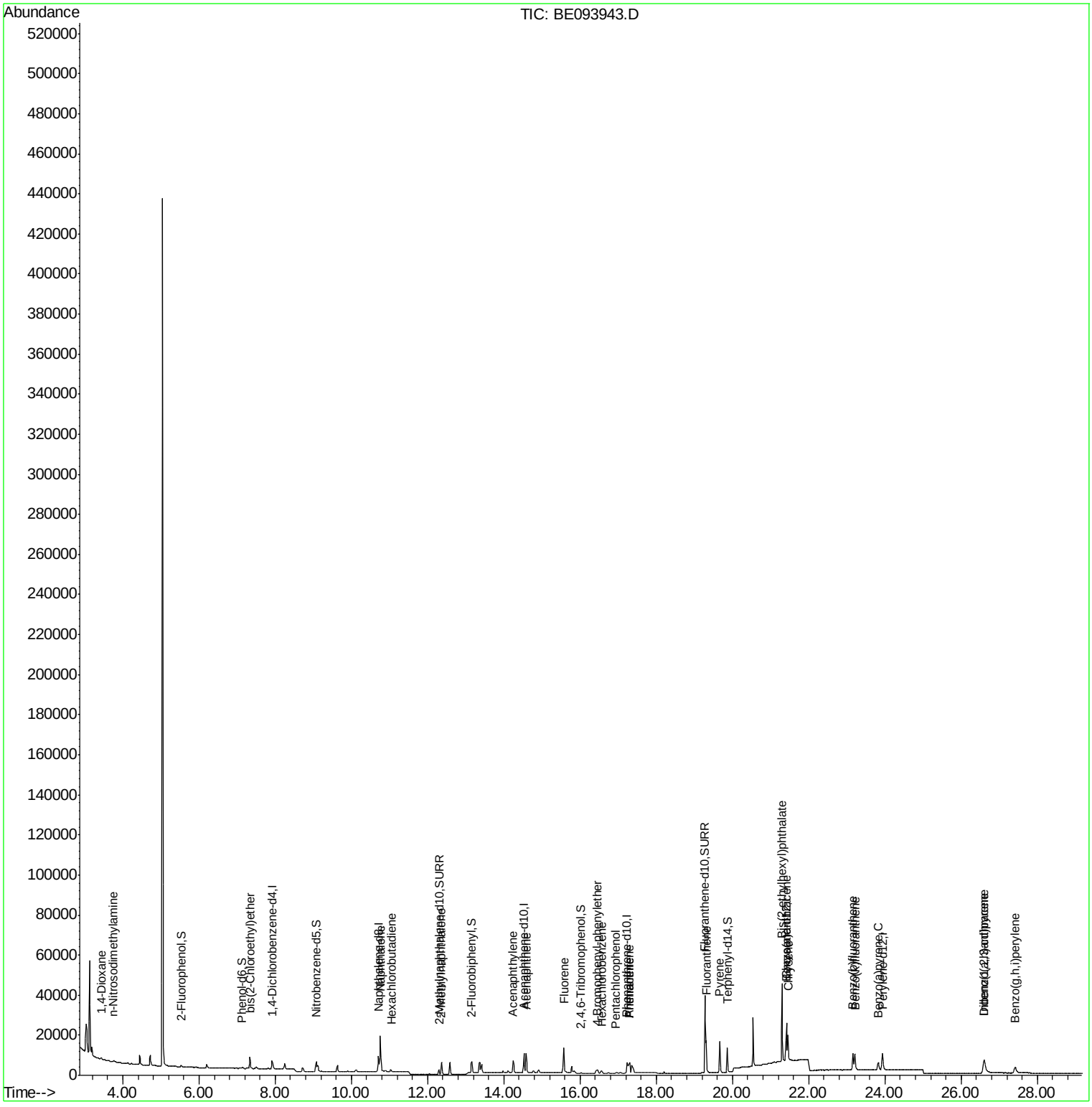
(#) = qualifier out of range (m) = manual integration (+) = signals summed

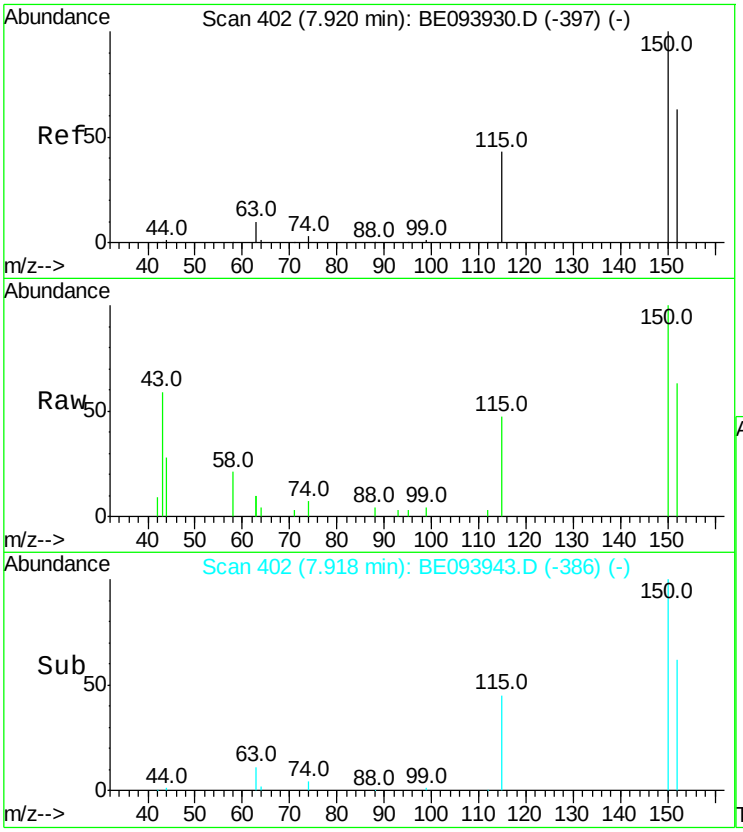
Quantitation Report (Not Reviewed)

Data Path : \\74.0.250.170\SVOASRV\HPCHEM1\BNA E\DATA\BE090517\
Data File : BE093943.D
Acq On : 5 Sep 2017 18:59
Operator : SJ/JU
Sample : I5057-03
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_E
ClientSampleId :
MWHR2-6MSD

Quant Time: Sep 06 05:27:42 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



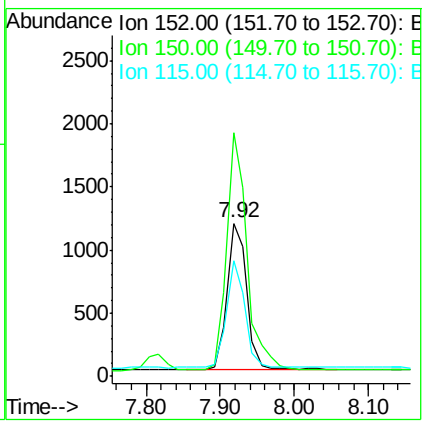


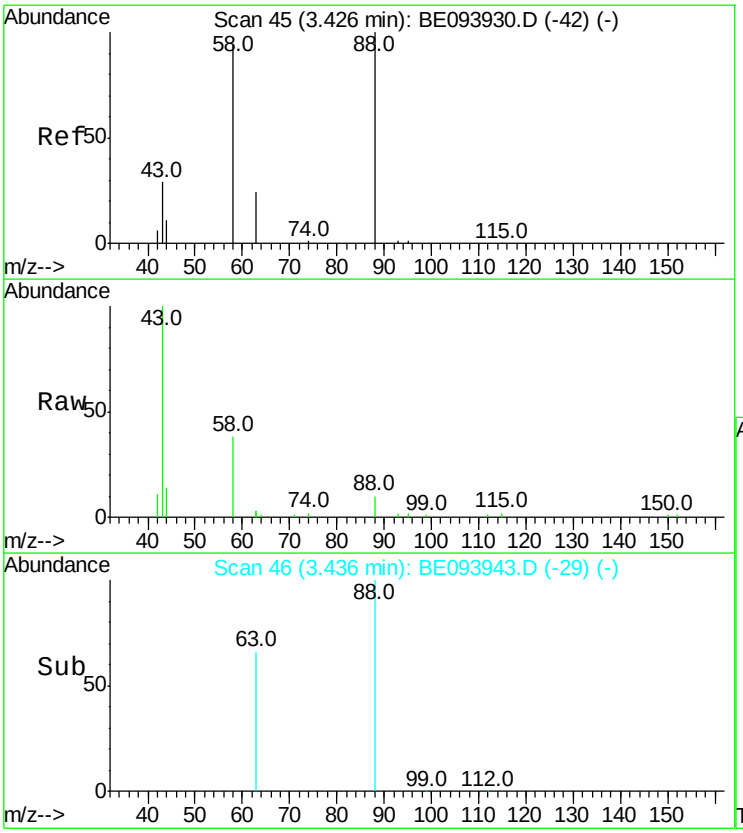
#1
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.92 min Scan# 402
Delta R.T. -0.00 min
Lab File: BE093943.D
Acq: 5 Sep 2017 18:59

Instrument :
BNA_E
ClientSampleId :
MWHR2-6MSD

Tgt Ion:152 Resp: 2117

Ion	Ratio	Lower	Upper
152	100		
150	159.3	121.8	182.6
115	75.4	52.6	79.0

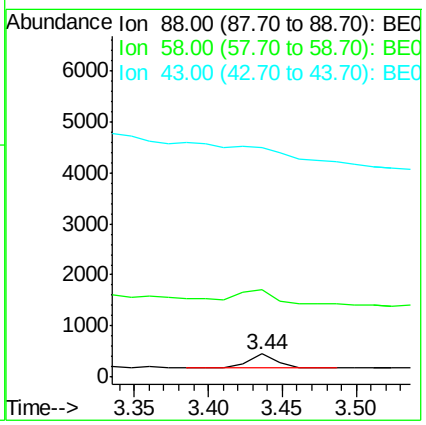


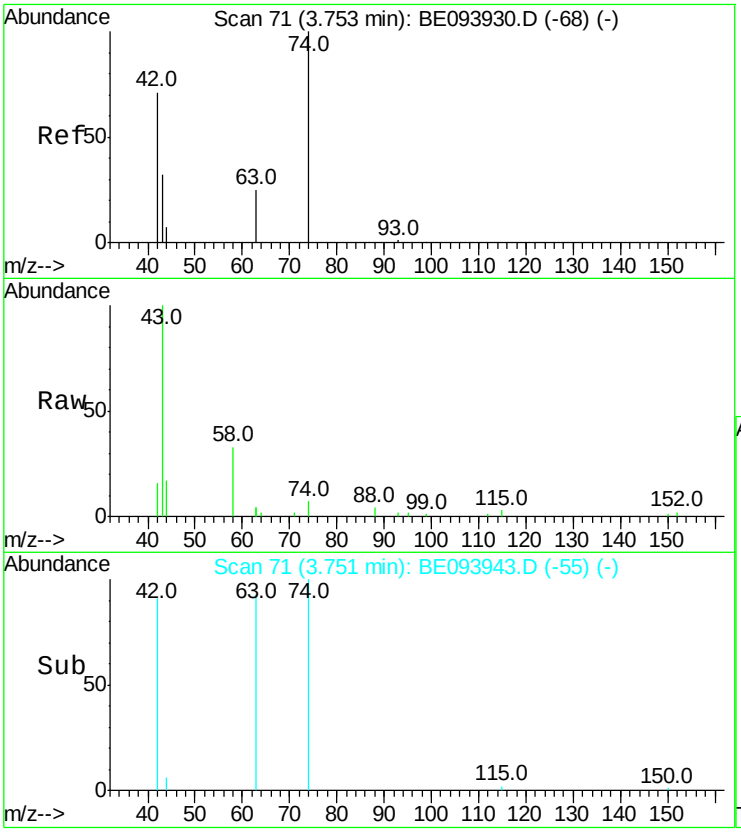


#2
1,4-Dioxane
Concen: 0.133 ng
RT: 3.44 min Scan# 46
Delta R.T. 0.01 min
Lab File: BE093943.D
Acq: 5 Sep 2017 18:59

Tgt Ion: 88 Resp: 387

Ion	Ratio	Lower	Upper
88	100		
58	320.9	65.4	98.0#
43	0.0	23.9	35.9#



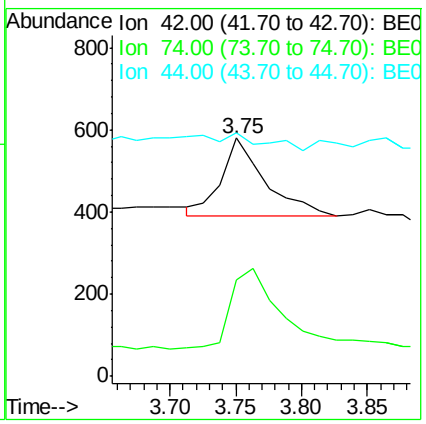


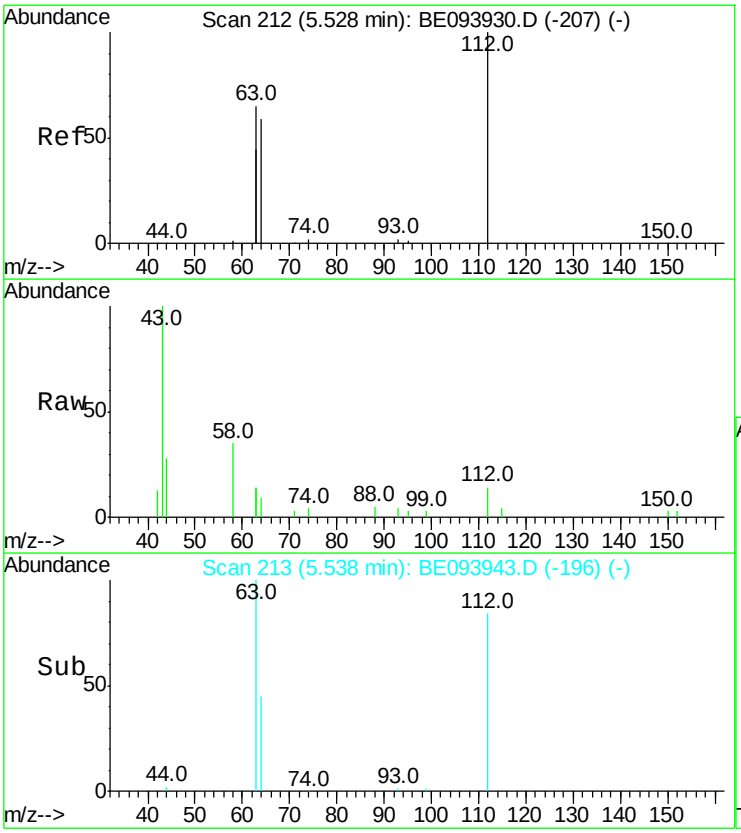
#3
n-Nitrosodimethylamine
Concen: 0.131 ng
RT: 3.75 min Scan# 71
Delta R.T. -0.00 min
Lab File: BE093943.D
Acq: 5 Sep 2017 18:59

Instrument :
BNA_E
ClientSampleId :
MWHR2-6MSD

Tgt Ion: 42 Resp: 448

Ion	Ratio	Lower	Upper
42	100		
74	131.5	104.0	156.0
44	0.0	13.8	20.8#

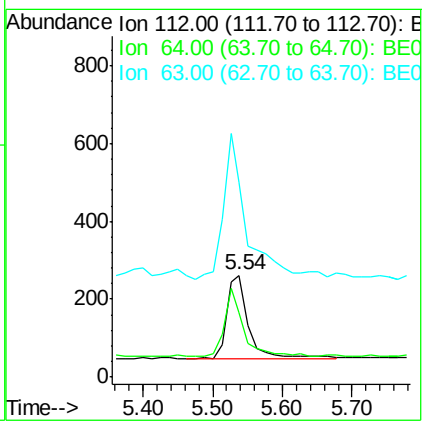


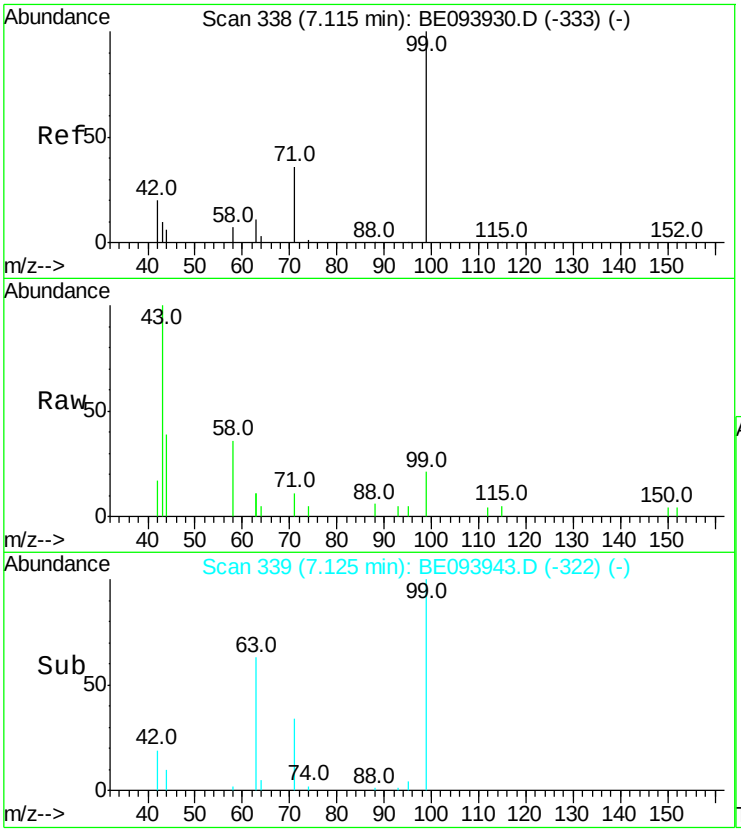


#4
2-Fluorophenol
Concen: 0.069 ng
RT: 5.54 min Scan# 213
Delta R.T. 0.01 min
Lab File: BE093943.D
Acq: 5 Sep 2017 18:59

Tgt Ion:112 Resp: 471

Ion	Ratio	Lower	Upper
112	100		
64	74.1	57.7	86.5
63	182.0	116.0	174.0#



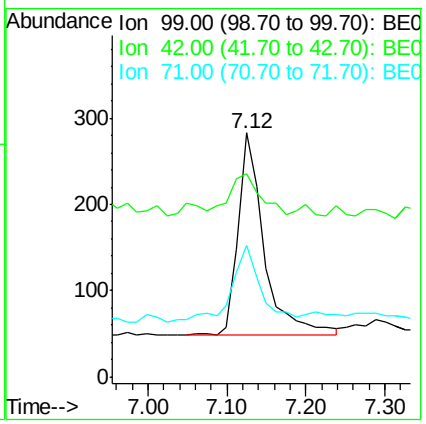


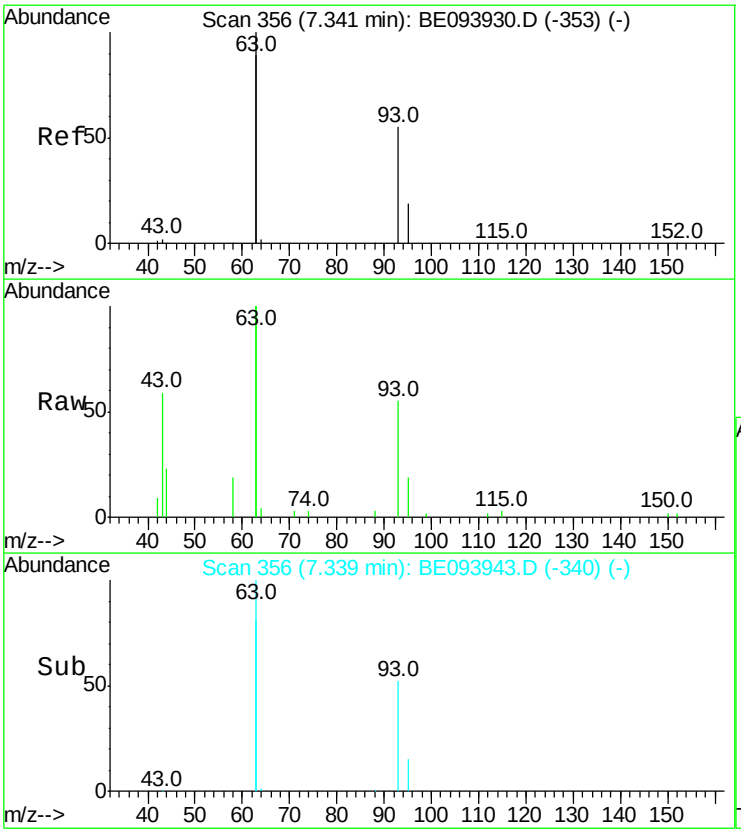
#5
Phenol-d6
Concen: 0.052 ng
RT: 7.12 min Scan# 339
Delta R.T. 0.01 min
Lab File: BE093943.D
Acq: 5 Sep 2017 18:59

Instrument :
BNA_E
ClientSampleId :
MWHR2-6MSD

Tgt Ion: 99 Resp: 531

Ion	Ratio	Lower	Upper
99	100		
42	24.7	17.1	25.7
71	41.6	26.6	39.8#

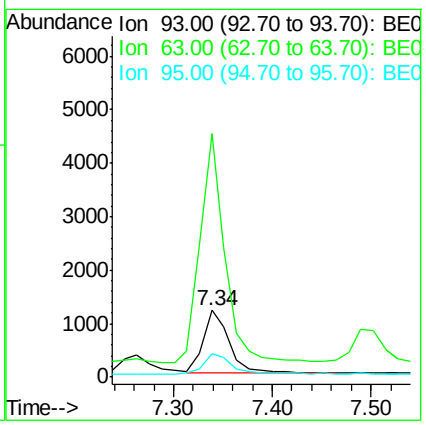


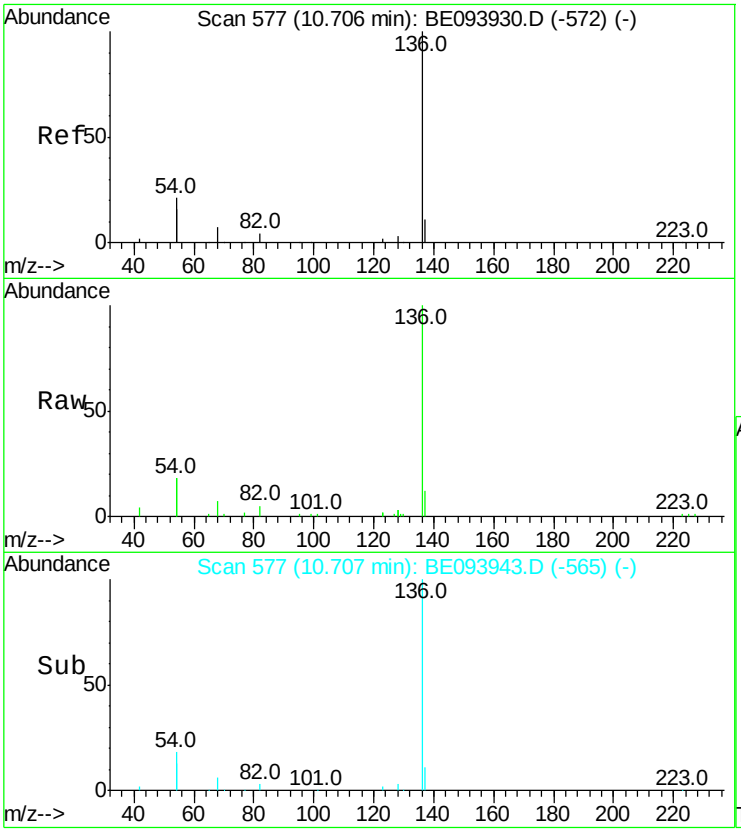


#6
bis(2-Chloroethyl)ether
Concen: 0.256 ng
RT: 7.34 min Scan# 356
Delta R.T. -0.00 min
Lab File: BE093943.D
Acq: 5 Sep 2017 18:59

Tgt Ion: 93 Resp: 2149

Ion	Ratio	Lower	Upper
93	100		
63	347.1	283.4	425.2
95	32.7	26.9	40.3



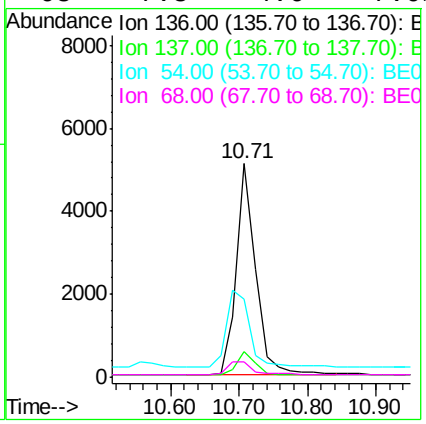


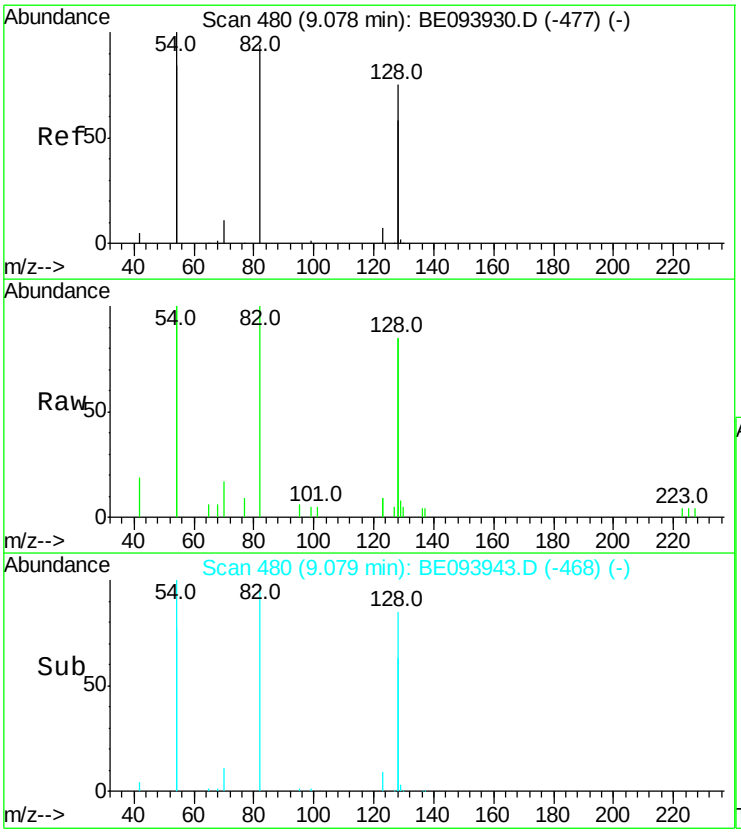
#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.71 min Scan# 577
Delta R.T. 0.00 min
Lab File: BE093943.D
Acq: 5 Sep 2017 18:59

Instrument :
BNA_E
ClientSampleId :
MWHR2-6MSD

Tgt Ion:136 Resp: 10184

Ion	Ratio	Lower	Upper
136	100		
137	11.9	9.2	13.8
54	36.3	21.9	32.9#
68	7.3	4.6	7.0#

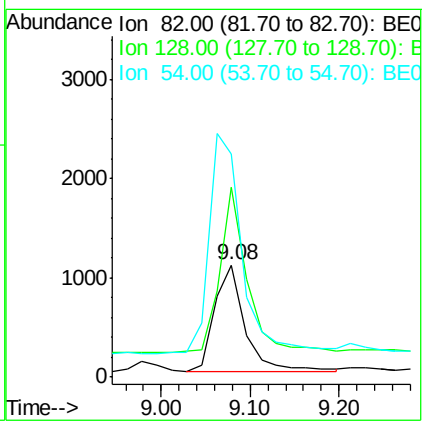


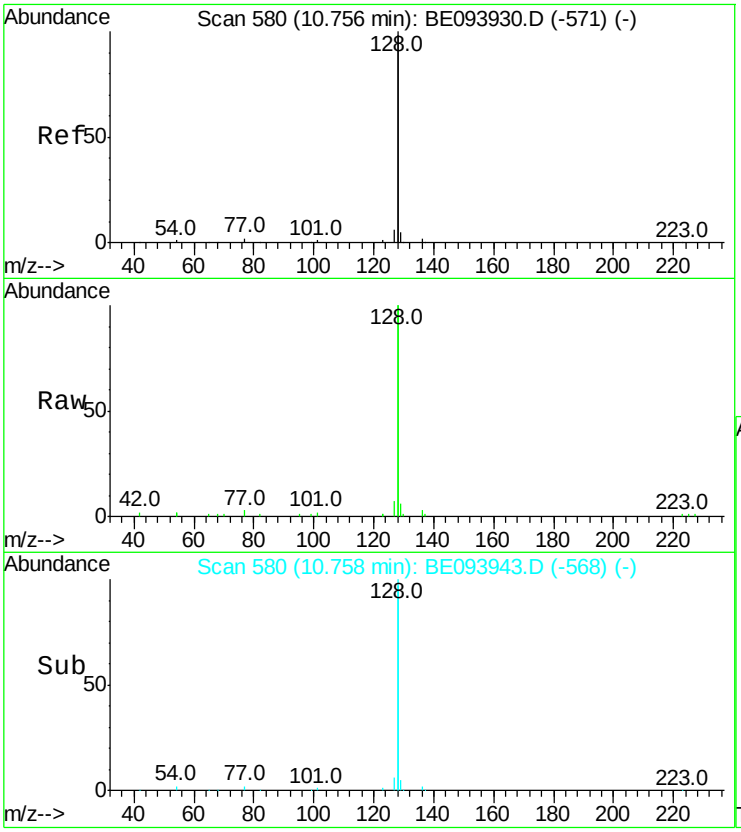


#8
Nitrobenzene-d5
Concen: 0.298 ng
RT: 9.08 min Scan# 480
Delta R.T. 0.00 min
Lab File: BE093943.D
Acq: 5 Sep 2017 18:59

Tgt Ion: 82 Resp: 2570

Ion	Ratio	Lower	Upper
82	100		
128	169.9	91.4	137.0#
54	199.1	197.8	296.8



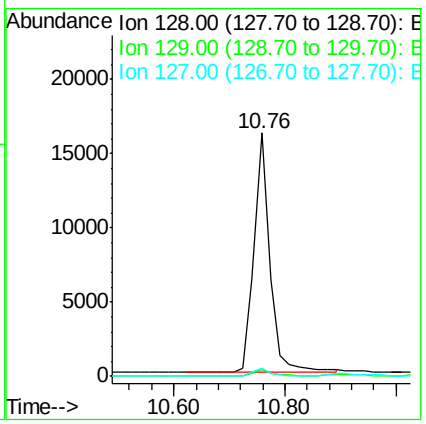


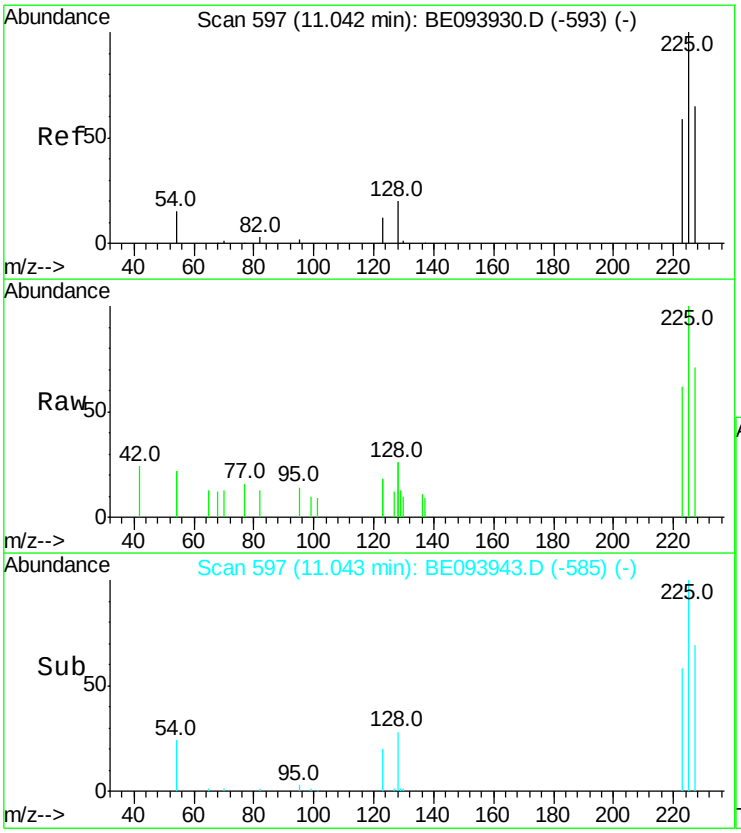
#9
Naphthalene
Concen: 0.275 ng
RT: 10.76 min Scan# 580
Delta R.T. 0.00 min
Lab File: BE093943.D
Acq: 5 Sep 2017 18:59

Instrument :
BNA_E
ClientSampleId :
MWHR2-6MSD

Tgt Ion:128 Resp: 32051

Ion	Ratio	Lower	Upper
128	100		
129	3.0	2.5	3.7
127	3.4	2.6	4.0

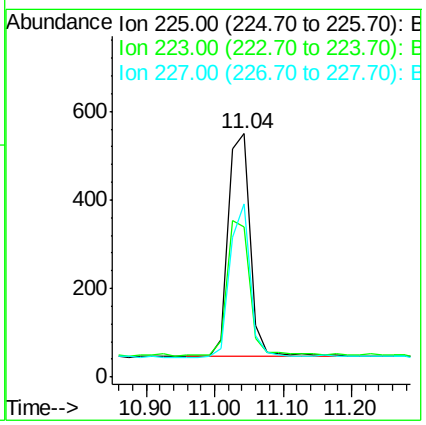


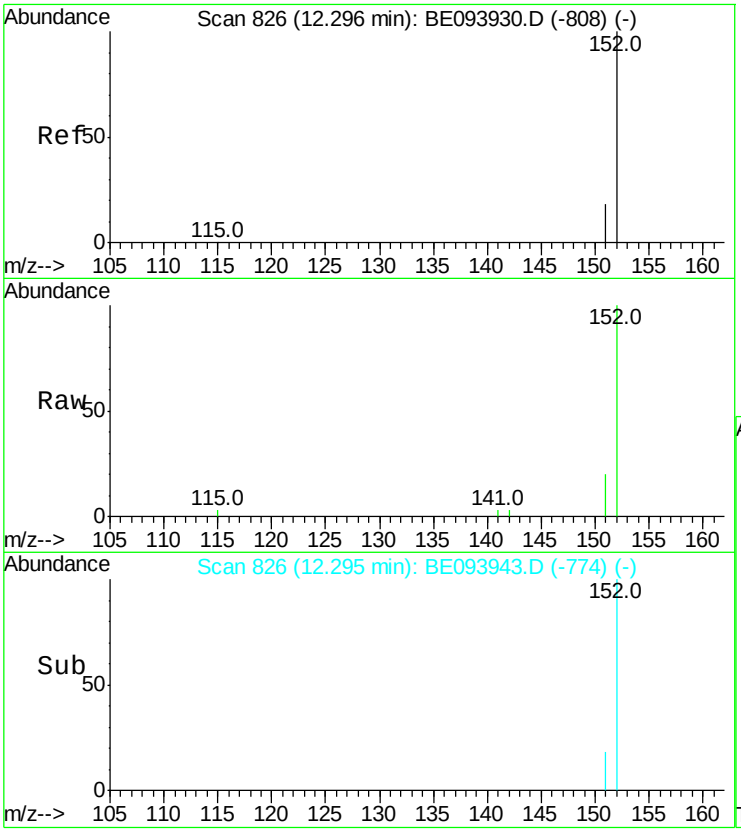


#10
Hexachlorobutadiene
Concen: 0.265 ng
RT: 11.04 min Scan# 597
Delta R.T. 0.00 min
Lab File: BE093943.D
Acq: 5 Sep 2017 18:59

Tgt Ion:225 Resp: 1124

Ion	Ratio	Lower	Upper
225	100		
223	61.8	49.4	74.0
227	63.1	50.5	75.7



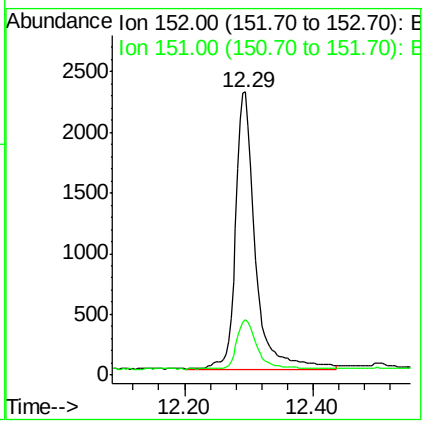


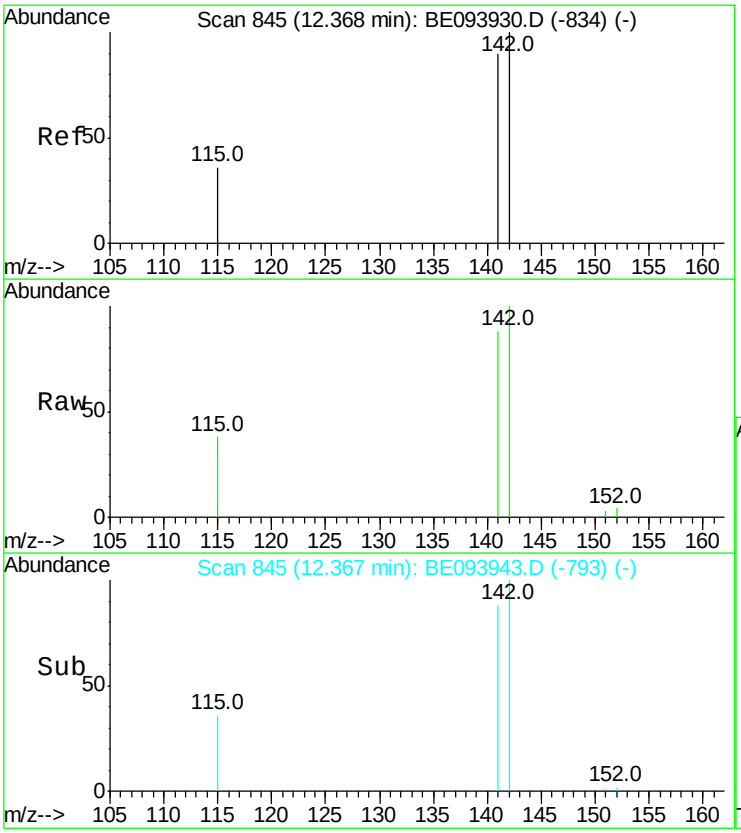
#11
2-Methylnaphthalene-d10
Concen: 0.295 ng
RT: 12.29 min Scan# 826
Delta R.T. -0.00 min
Lab File: BE093943.D
Acq: 5 Sep 2017 18:59

Instrument :
BNA_E
ClientSampleId :
MWHR2-6MSD

Tgt Ion:152 Resp: 4815

Ion	Ratio	Lower	Upper
152	100		
151	17.5	15.4	23.0

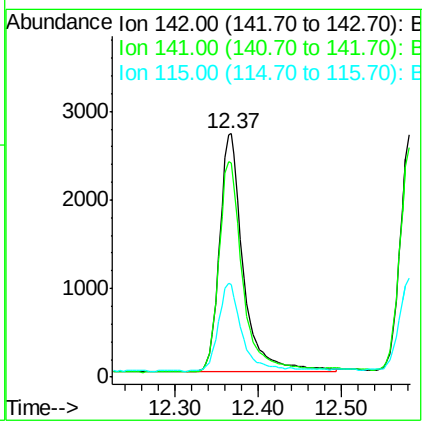


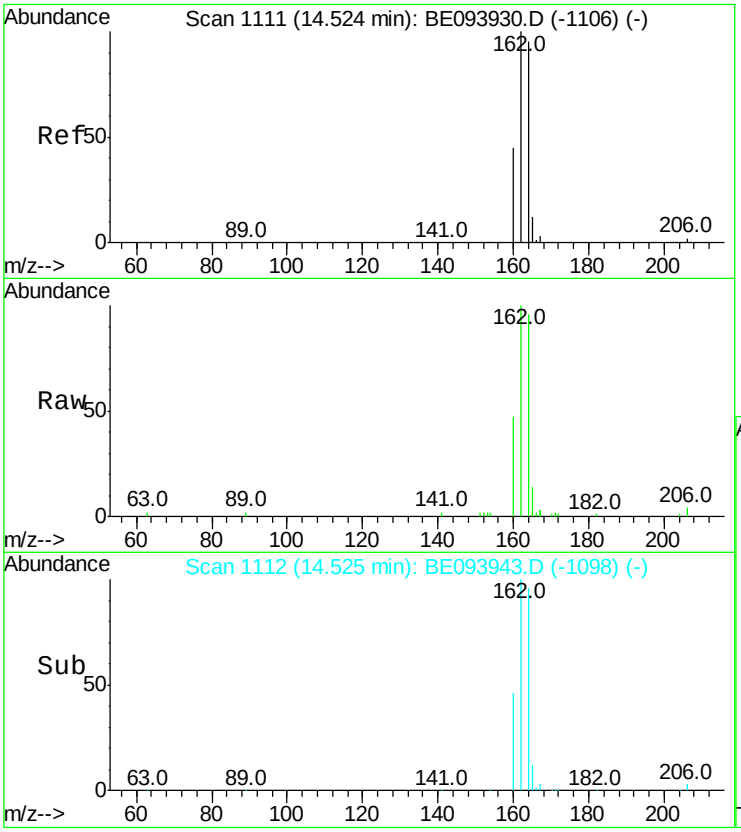


#12
2-Methylnaphthalene
Concen: 0.281 ng
RT: 12.37 min Scan# 845
Delta R.T. -0.00 min
Lab File: BE093943.D
Acq: 5 Sep 2017 18:59

Tgt Ion:142 Resp: 5443

Ion	Ratio	Lower	Upper
142	100		
141	88.1	71.4	107.2
115	38.2	29.4	44.0



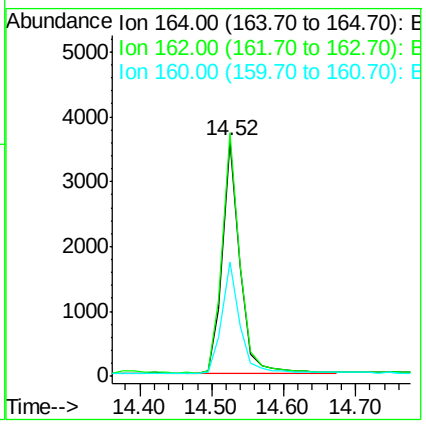


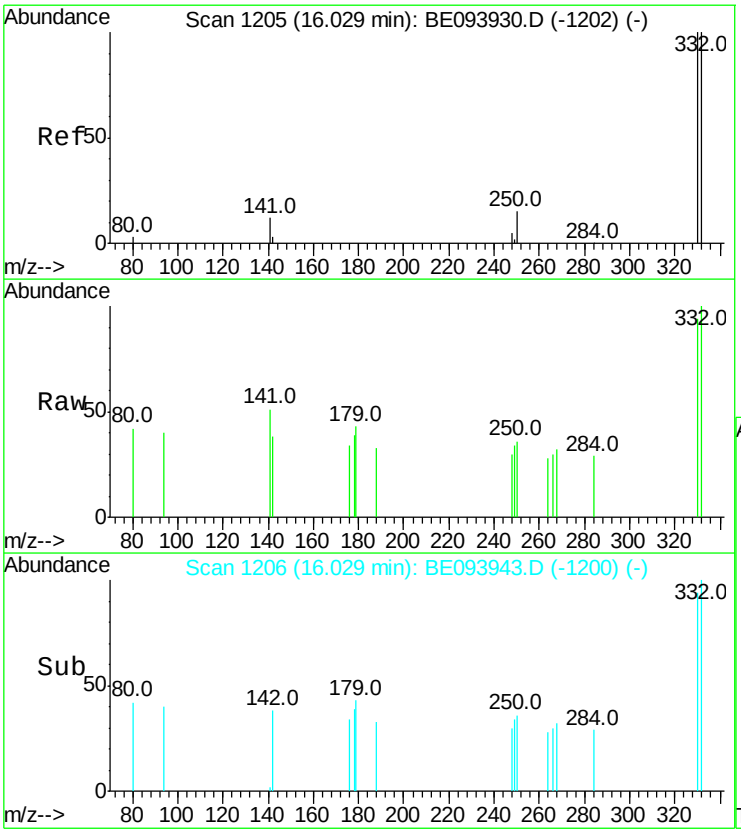
#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.52 min Scan# 1112
Delta R.T. 0.00 min
Lab File: BE093943.D
Acq: 5 Sep 2017 18:59

Instrument :
BNA_E
ClientSampleId :
MWHR2-6MSD

Tgt Ion:164 Resp: 6055

Ion	Ratio	Lower	Upper
164	100		
162	103.7	80.8	121.2
160	48.5	37.0	55.4

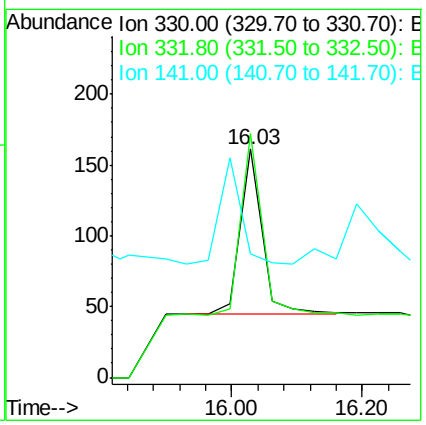


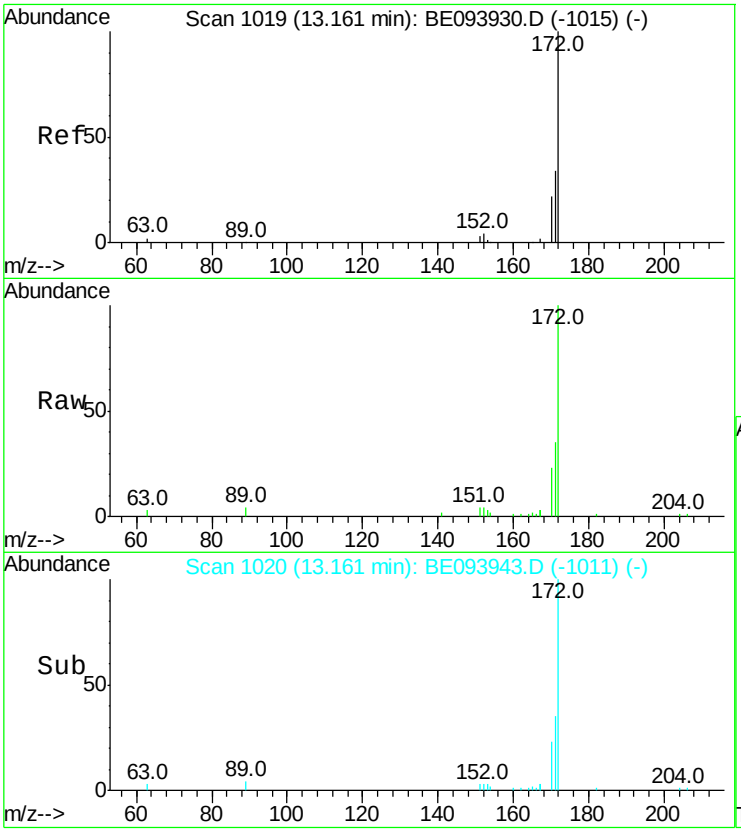


#14
2,4,6-Tribromophenol
Concen: 0.144 ng
RT: 16.03 min Scan# 1206
Delta R.T. 0.00 min
Lab File: BE093943.D
Acq: 5 Sep 2017 18:59

Tgt Ion:330 Resp: 270

Ion	Ratio	Lower	Upper
330	100		
332	109.3	76.9	115.3
141	0.0	0.0	0.0



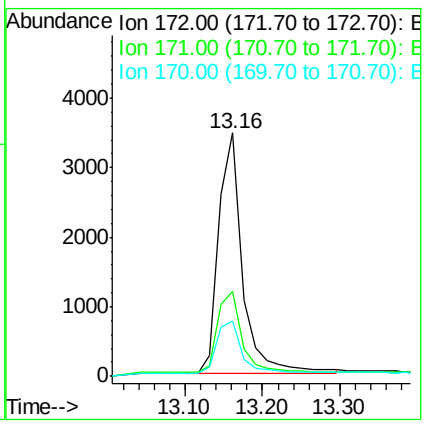


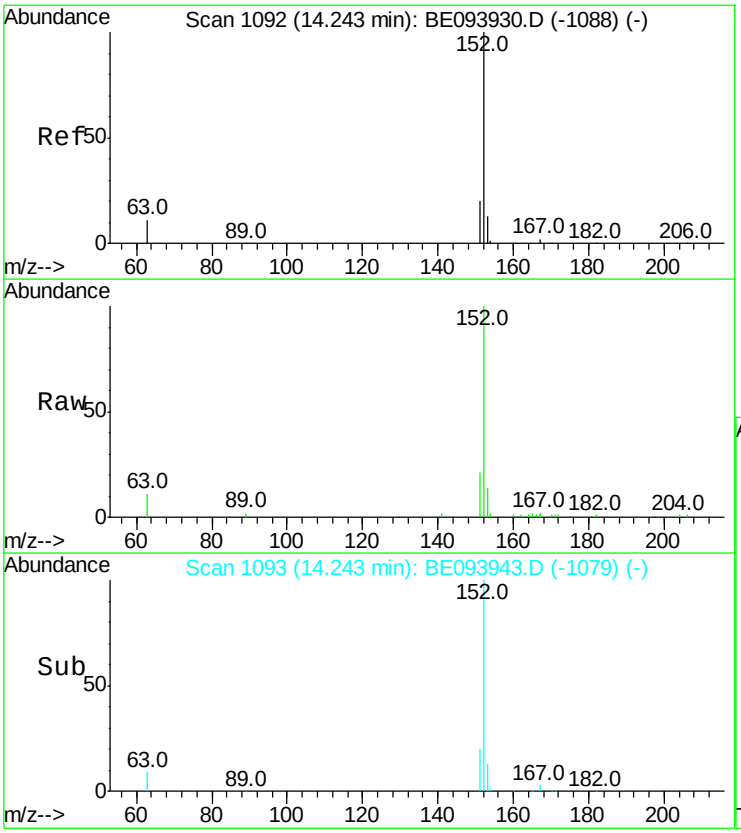
#15
2-Fluorobiphenyl
Concen: 0.309 ng
RT: 13.16 min Scan# 1020
Delta R.T. 0.00 min
Lab File: BE093943.D
Acq: 5 Sep 2017 18:59

Instrument :
BNA_E
ClientSampleId :
MWHR2-6MSD

Tgt Ion:172 Resp: 7390

Ion	Ratio	Lower	Upper
172	100		
171	35.1	26.9	40.3
170	22.7	17.3	25.9

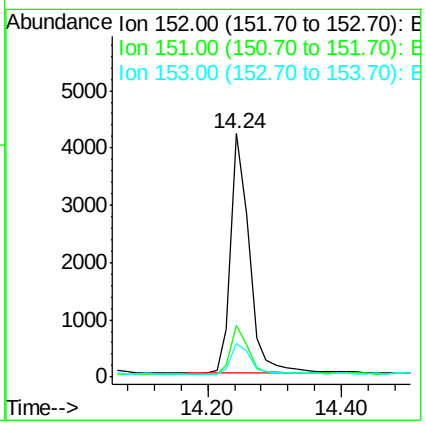


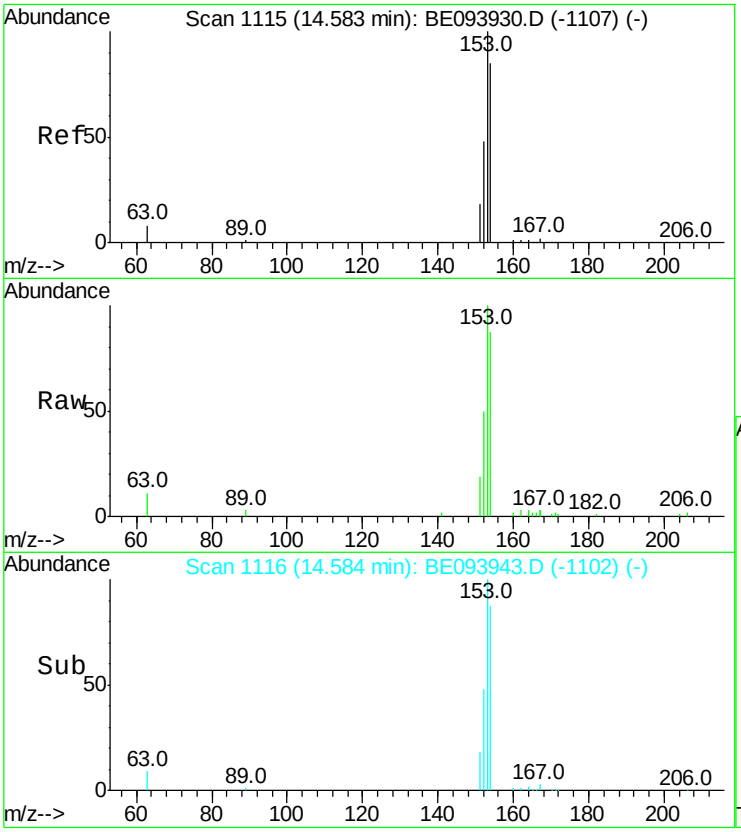


#16
Acenaphthylene
Concen: 0.268 ng
RT: 14.24 min Scan# 1093
Delta R.T. 0.00 min
Lab File: BE093943.D
Acq: 5 Sep 2017 18:59

Tgt Ion:152 Resp: 8097

Ion	Ratio	Lower	Upper
152	100		
151	19.2	15.7	23.5
153	13.2	10.6	16.0



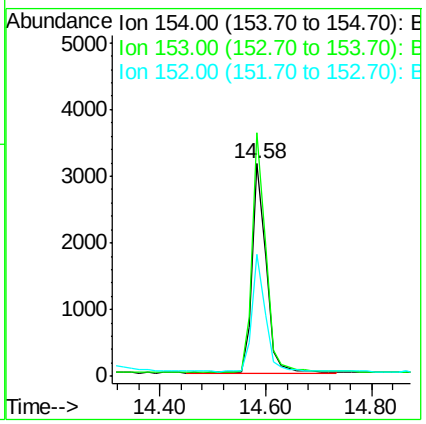


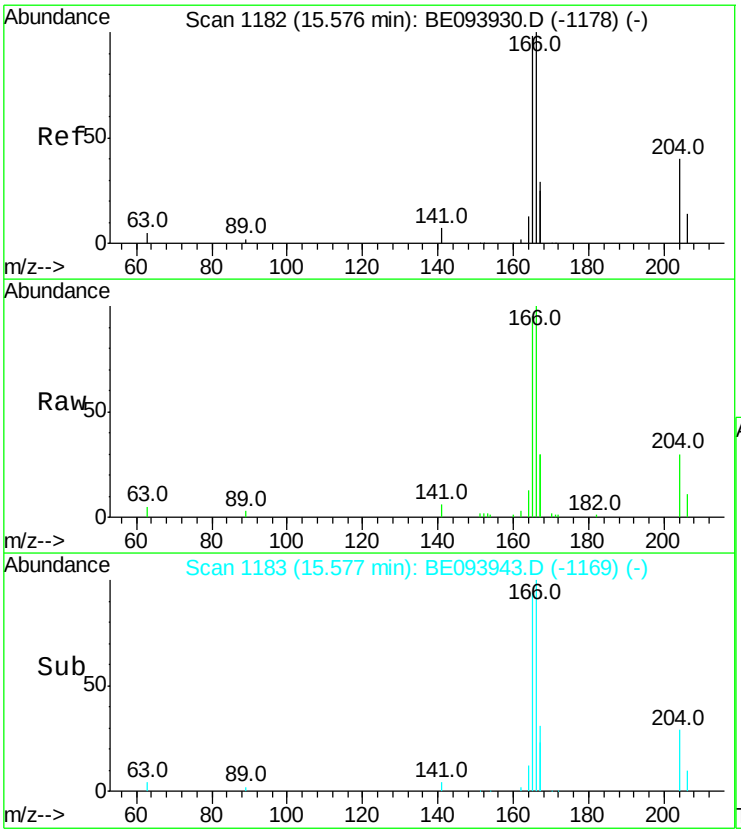
#17
Acenaphthene
Concen: 0.272 ng
RT: 14.58 min Scan# 1116
Delta R.T. 0.00 min
Lab File: BE093943.D
Acq: 5 Sep 2017 18:59

Instrument :
BNA_E
ClientSampleId :
MWHR2-6MSD

Tgt Ion:154 Resp: 5557

Ion	Ratio	Lower	Upper
154	100		
153	112.1	91.8	137.6
152	54.1	44.9	67.3

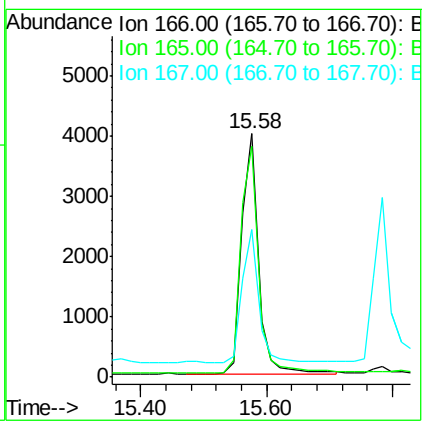


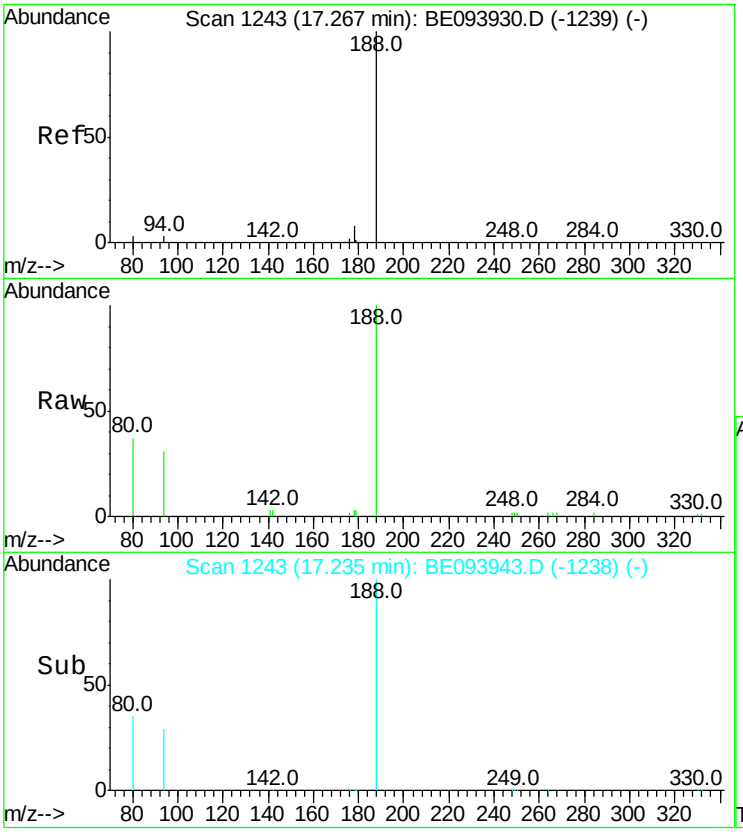


#18
Fluorene
Concen: 0.280 ng
RT: 15.58 min Scan# 1183
Delta R.T. 0.00 min
Lab File: BE093943.D
Acq: 5 Sep 2017 18:59

Tgt Ion:166 Resp: 7387

Ion	Ratio	Lower	Upper
166	100		
165	97.8	79.4	119.0
167	54.9	43.5	65.3



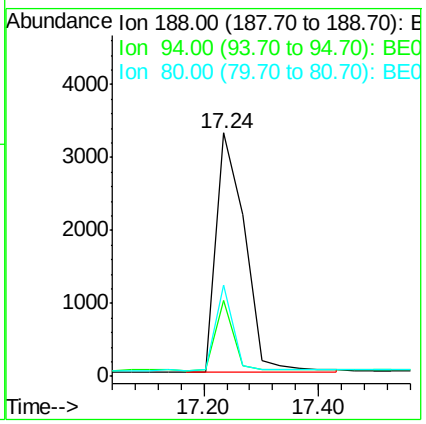


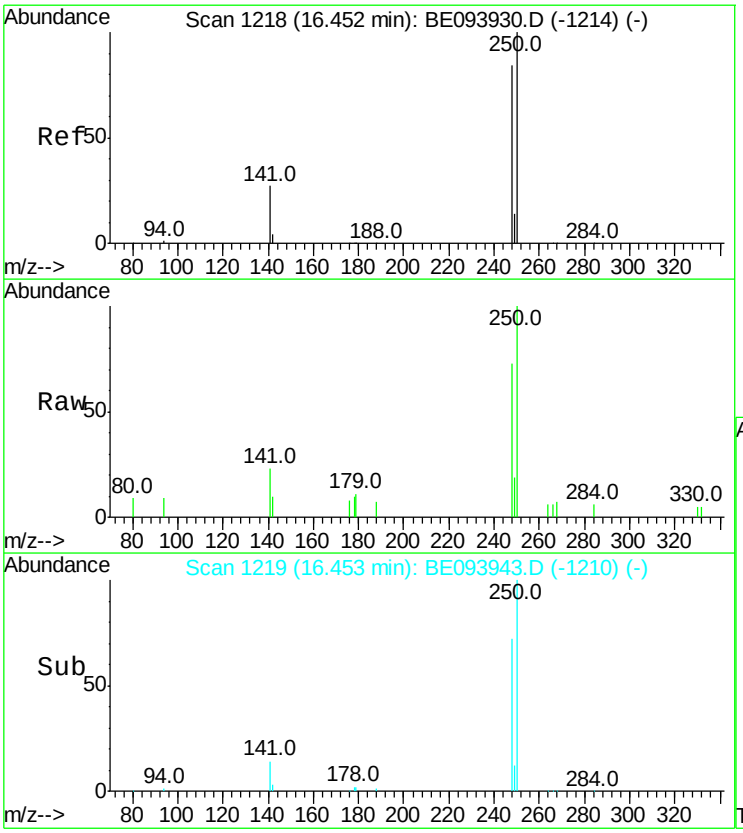
#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.24 min Scan# 1243
Delta R.T. -0.03 min
Lab File: BE093943.D
Acq: 5 Sep 2017 18:59

Instrument :
BNA_E
ClientSampleId :
MWHR2-6MSD

Tgt Ion:188 Resp: 11298

Ion	Ratio	Lower	Upper
188	100		
94	31.2	16.1	24.1#
80	37.2	18.2	27.2#

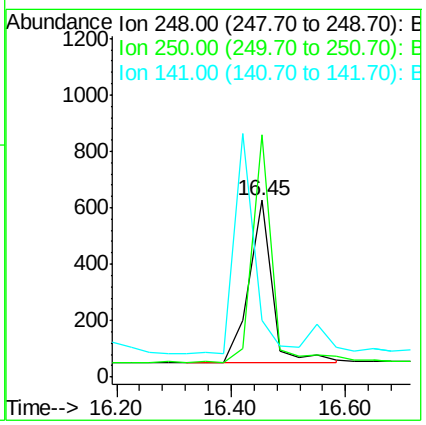


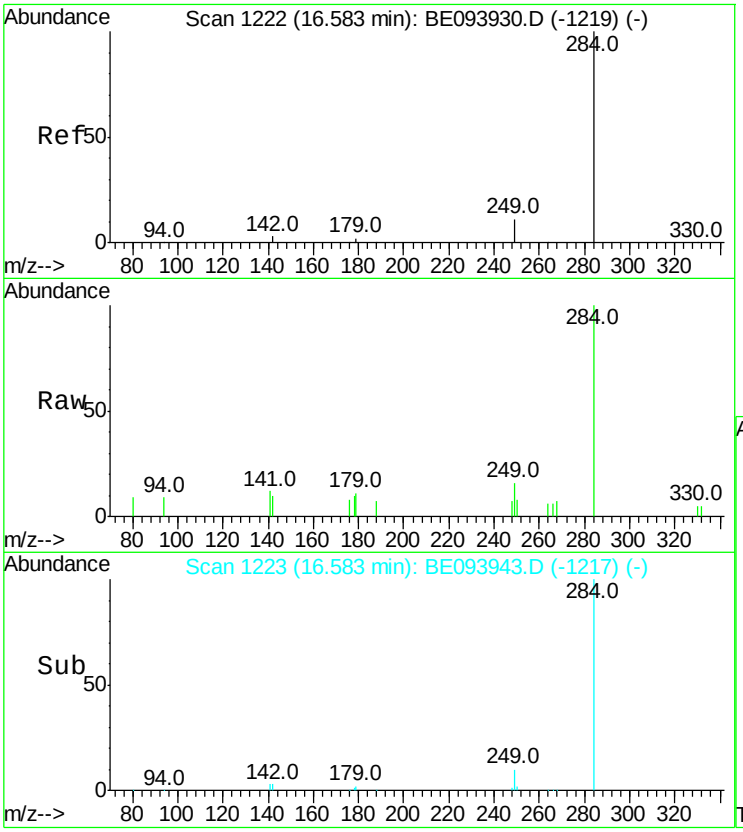


#20
4-Bromophenyl-phenylether
Concen: 0.207 ng
RT: 16.45 min Scan# 1219
Delta R.T. 0.00 min
Lab File: BE093943.D
Acq: 5 Sep 2017 18:59

Tgt Ion:248 Resp: 1619

Ion	Ratio	Lower	Upper
248	100		
250	136.8	111.8	167.8
141	31.7	27.1	40.7



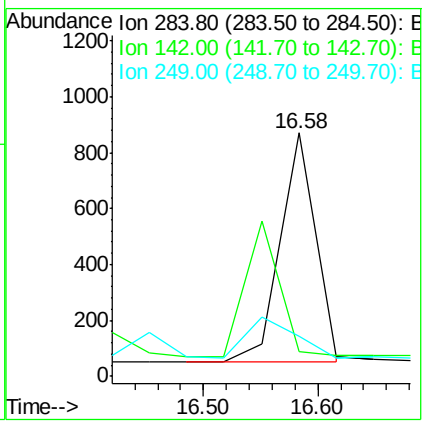


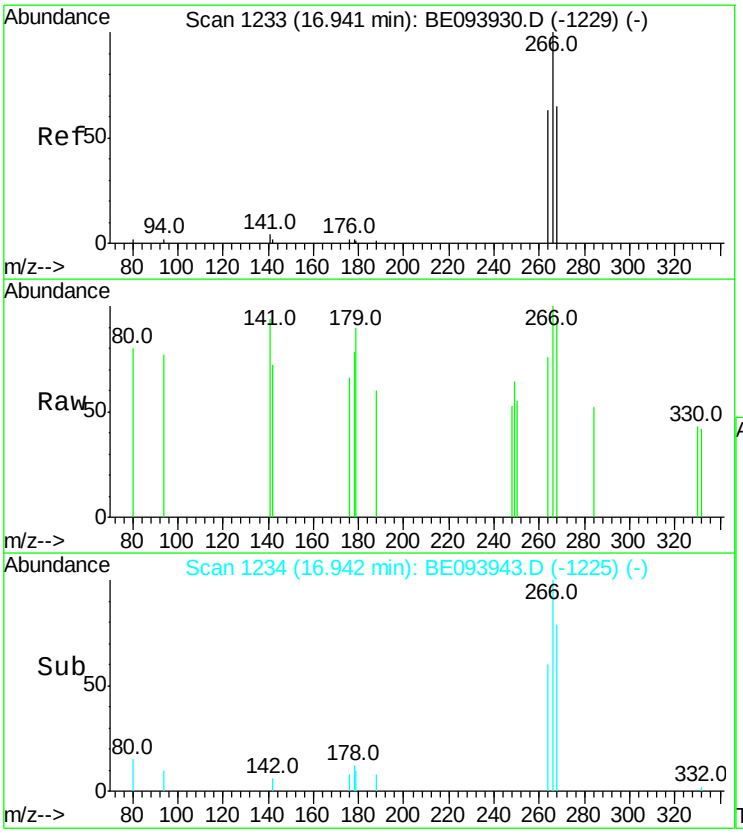
#21
Hexachlorobenzene
Concen: 0.266 ng
RT: 16.58 min Scan# 1223
Delta R.T. 0.00 min
Lab File: BE093943.D
Acq: 5 Sep 2017 18:59

Instrument :
BNA_E
ClientSampleId :
MWHR2-6MSD

Tgt Ion:284 Resp: 1772

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

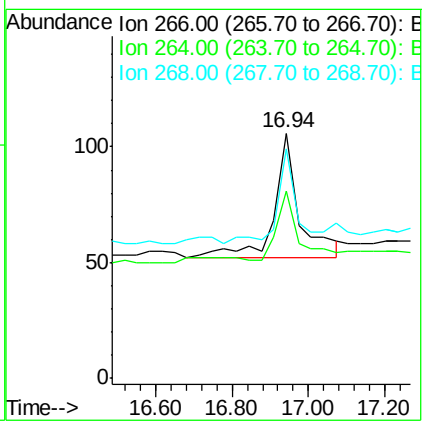


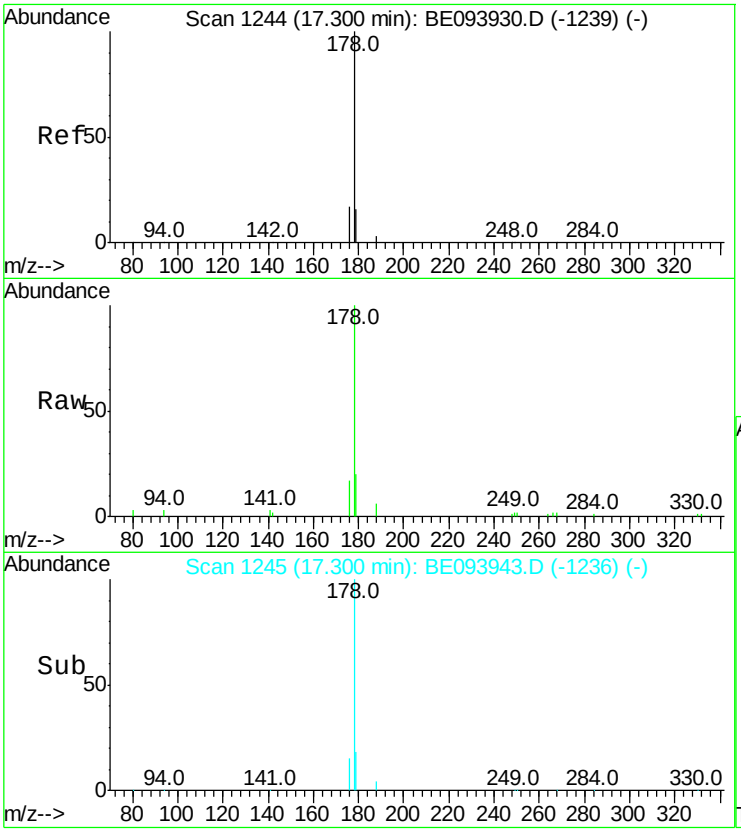


#22
Pentachlorophenol
Concen: 0.140 ng
RT: 16.94 min Scan# 1234
Delta R.T. 0.00 min
Lab File: BE093943.D
Acq: 5 Sep 2017 18:59

Tgt Ion:266 Resp: 250

Ion	Ratio	Lower	Upper
266	100		
264	76.4	53.5	80.3
268	93.4	60.0	90.0#



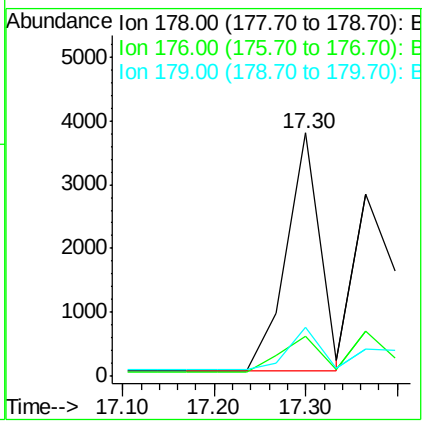


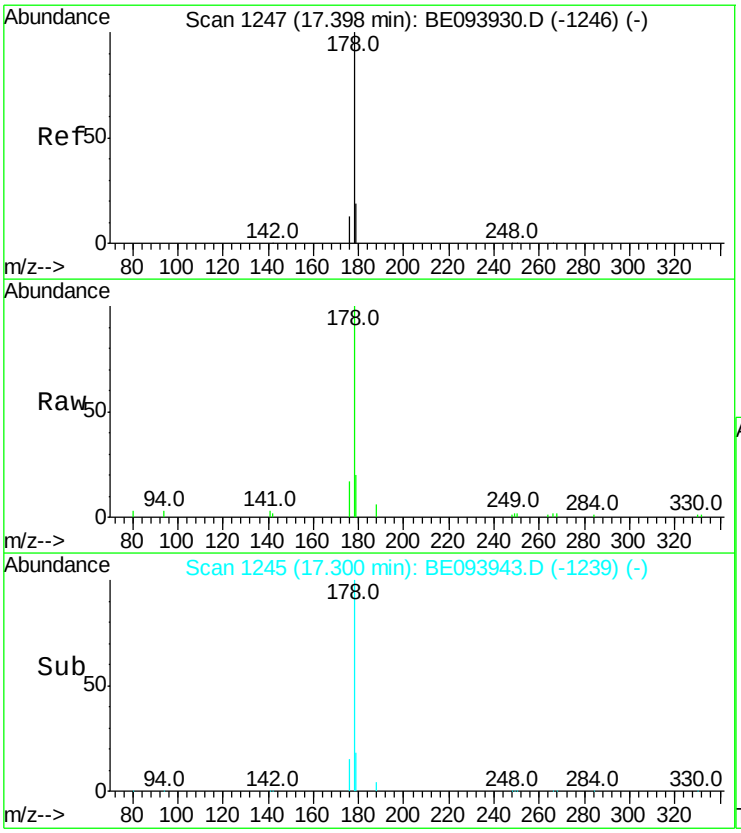
#23
Phenanthrene
Concen: 0.174 ng
RT: 17.30 min Scan# 1245
Delta R.T. 0.00 min
Lab File: BE093943.D
Acq: 5 Sep 2017 18:59

Instrument :
BNA_E
ClientSampleId :
MWHR2-6MSD

Tgt Ion:178 Resp: 9374

Ion	Ratio	Lower	Upper
178	100		
176	18.7	0.0	0.0#
179	32.9	12.6	18.8#

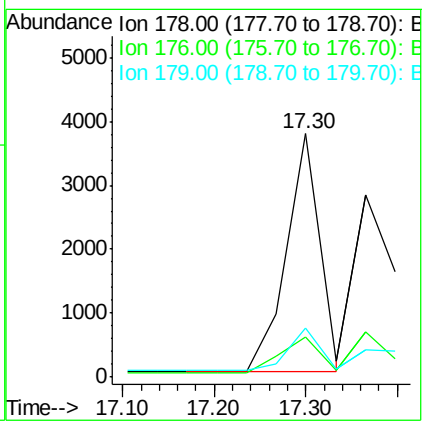


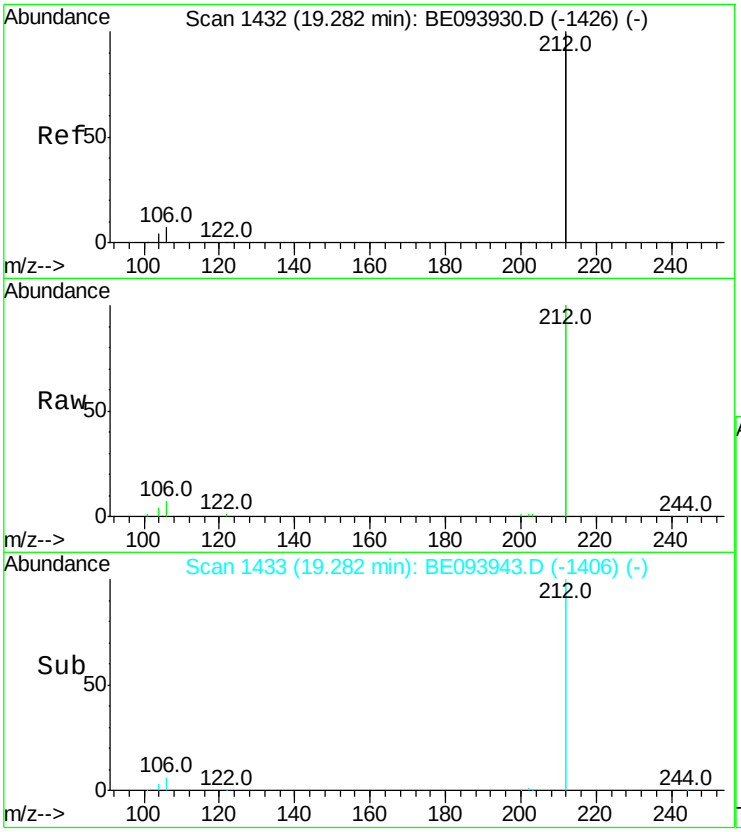


#24
Anthracene
Concen: 0.272 ng
RT: 17.30 min Scan# 1245
Delta R.T. -0.10 min
Lab File: BE093943.D
Acq: 5 Sep 2017 18:59

Tgt Ion:178 Resp: 9374

Ion	Ratio	Lower	Upper
178	100		
176	18.0	16.0	24.0
179	32.9	0.0	0.0#



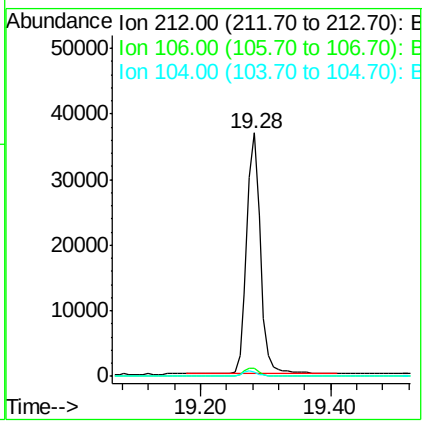


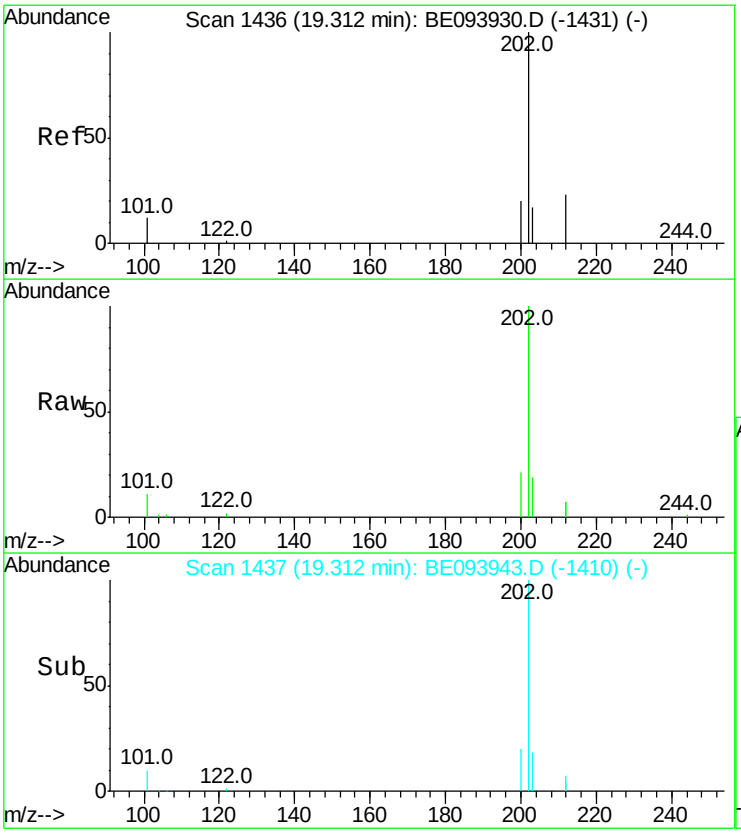
#25
Fluoranthene-d10
Concen: 0.322 ng
RT: 19.28 min Scan# 1433
Delta R.T. -0.00 min
Lab File: BE093943.D
Acq: 5 Sep 2017 18:59

Instrument :
BNA_E
ClientSampleId :
MWHR2-6MSD

Tgt Ion:212 Resp: 54152

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

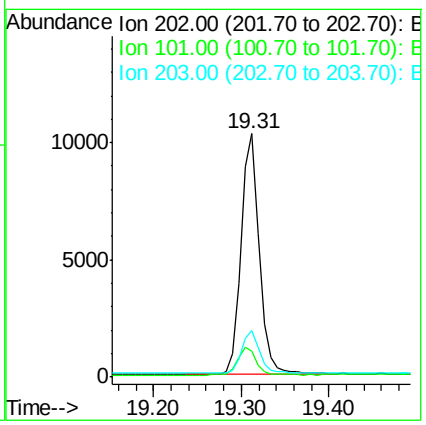


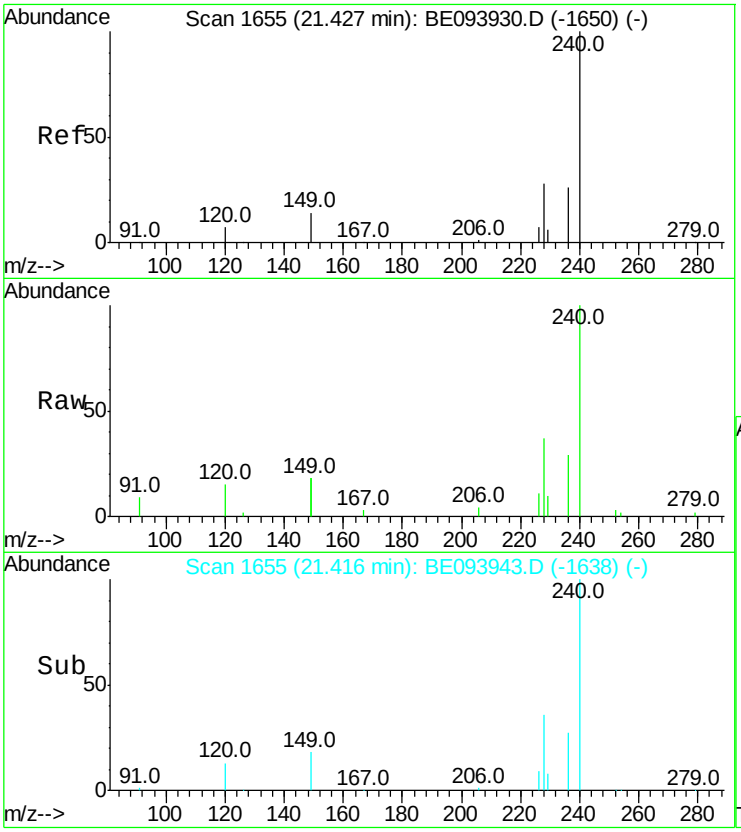


#26
Fluoranthene
Concen: 0.299 ng
RT: 19.31 min Scan# 1437
Delta R.T. -0.00 min
Lab File: BE093943.D
Acq: 5 Sep 2017 18:59

Tgt Ion:202 Resp: 15075

Ion	Ratio	Lower	Upper
202	100		
101	11.8	9.7	14.5
203	18.0	13.7	20.5



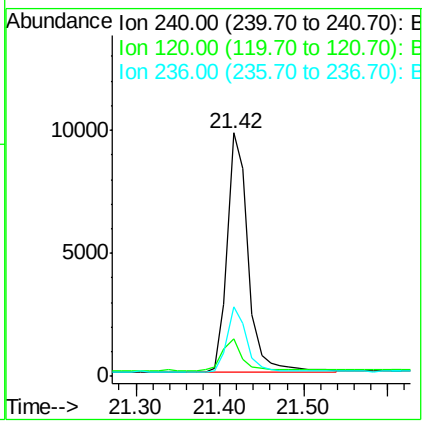


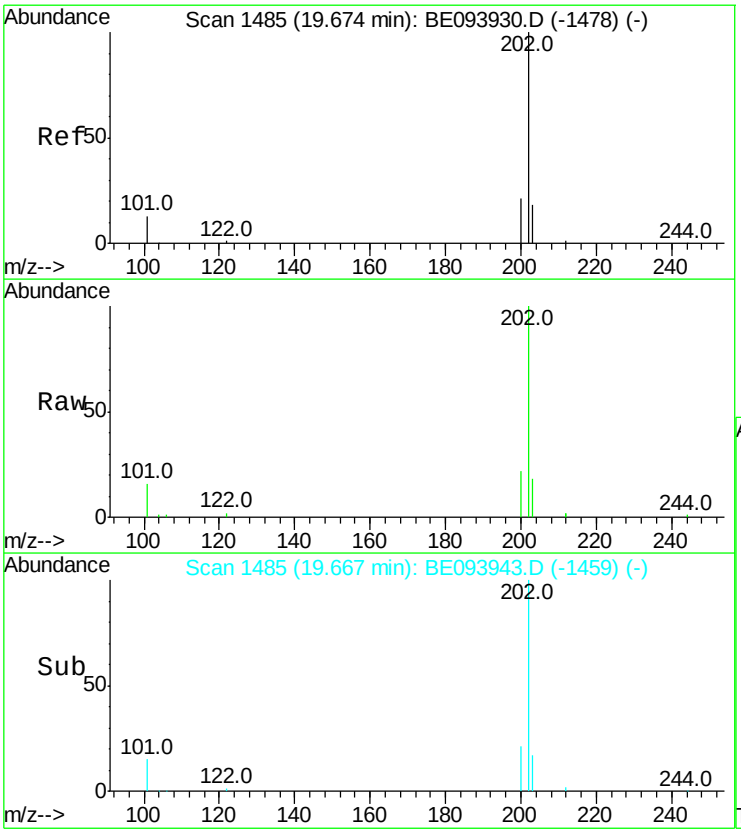
#27
Chrysene-d12
Concen: 0.400 ng
RT: 21.42 min Scan# 1655
Delta R.T. -0.01 min
Lab File: BE093943.D
Acq: 5 Sep 2017 18:59

Instrument :
BNA_E
ClientSampleId :
MWHR2-6MSD

Tgt Ion:240 Resp: 16752

Ion	Ratio	Lower	Upper
240	100		
120	15.4	8.7	13.1#
236	28.7	21.3	31.9

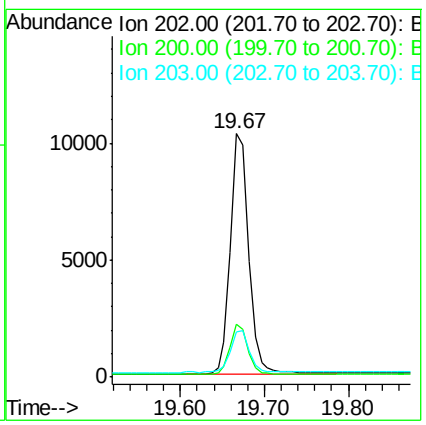


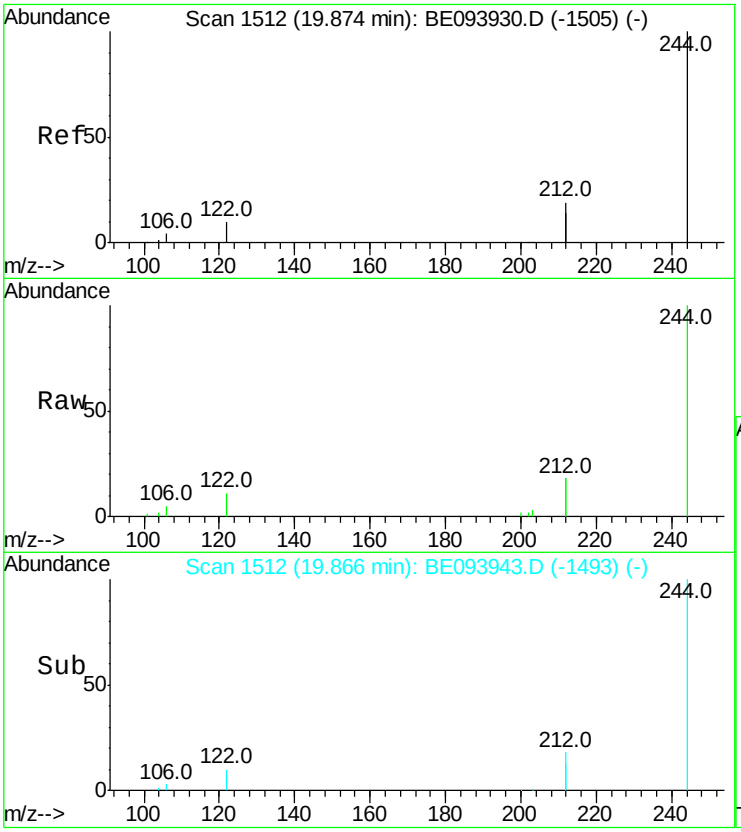


#28
Pyrene
Concen: 0.268 ng
RT: 19.67 min Scan# 1485
Delta R.T. -0.01 min
Lab File: BE093943.D
Acq: 5 Sep 2017 18:59

Tgt Ion:202 Resp: 15431

Ion	Ratio	Lower	Upper
202	100		
200	20.8	16.6	24.8
203	18.7	14.2	21.4



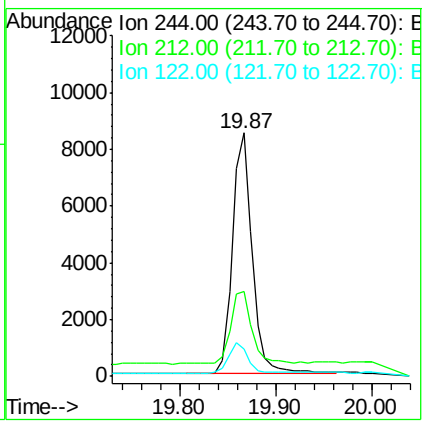


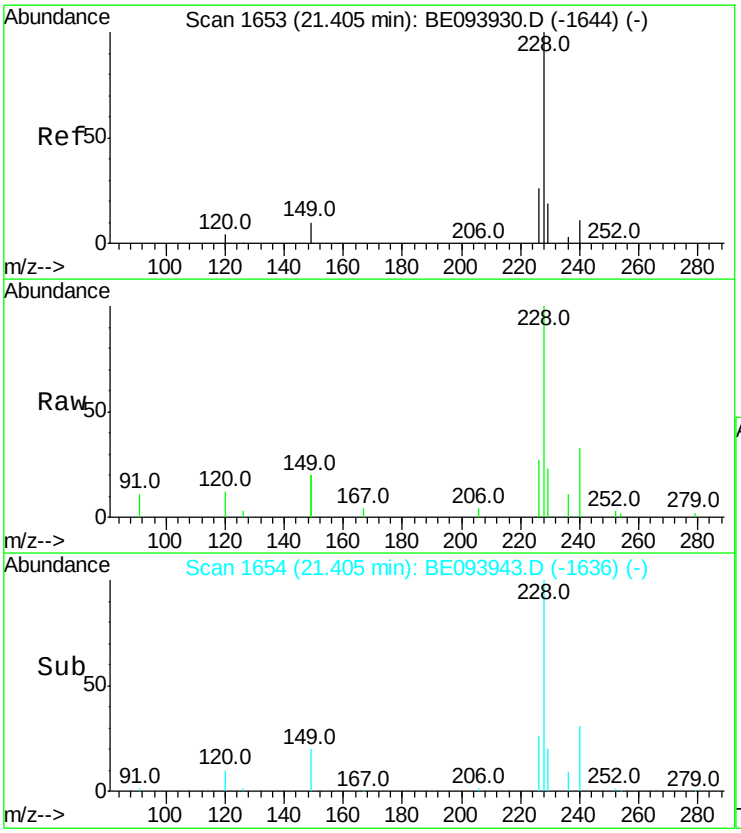
#29
Terphenyl-d14
Concen: 0.398 ng
RT: 19.87 min Scan# 1512
Delta R.T. -0.01 min
Lab File: BE093943.D
Acq: 5 Sep 2017 18:59

Instrument :
BNA_E
ClientSampleId :
MWHR2-6MSD

Tgt Ion:244 Resp: 12255

Ion	Ratio	Lower	Upper
244	100		
212	35.1	28.3	42.5
122	11.1	9.4	14.0

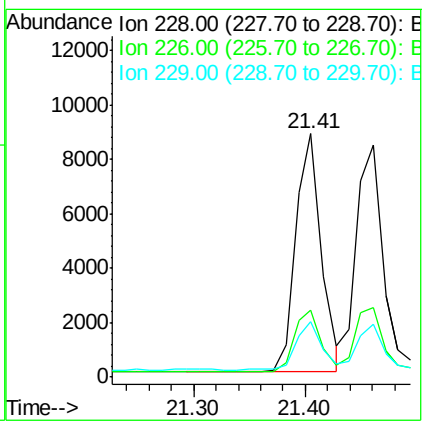


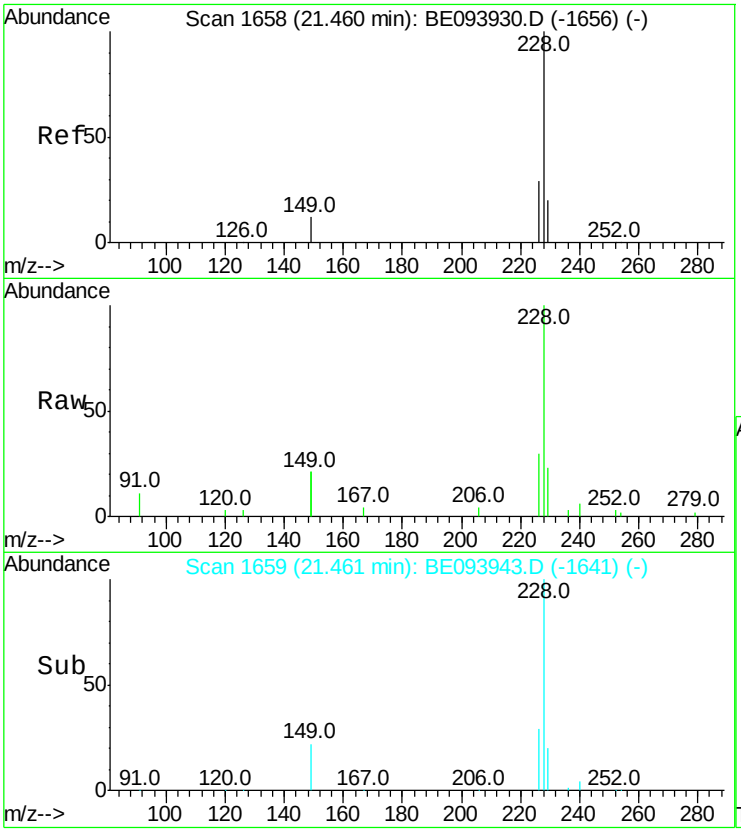


#30
Benzo(a)anthracene
Concen: 0.270 ng
RT: 21.41 min Scan# 1654
Delta R.T. 0.00 min
Lab File: BE093943.D
Acq: 5 Sep 2017 18:59

Tgt Ion:228 Resp: 13880

Ion	Ratio	Lower	Upper
228	100		
226	27.5	20.8	31.2
229	22.7	16.6	25.0



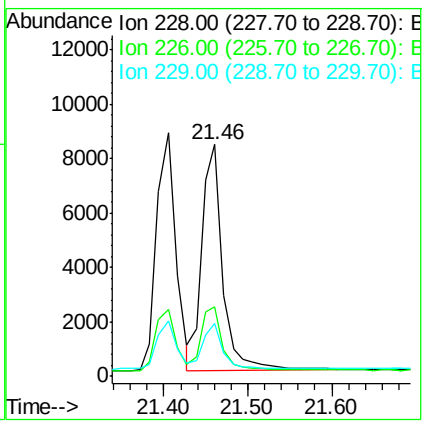


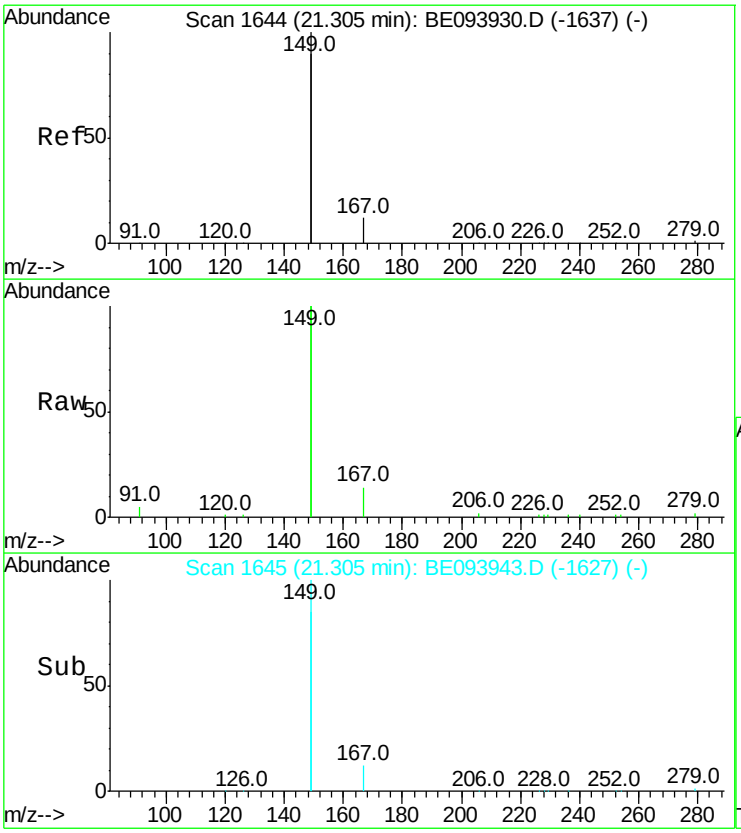
#31
Chrysene
Concen: 0.264 ng
RT: 21.46 min Scan# 1659
Delta R.T. 0.00 min
Lab File: BE093943.D
Acq: 5 Sep 2017 18:59

Instrument :
BNA_E
ClientSampleId :
MWHR2-6MSD

Tgt Ion:228 Resp: 14387

Ion	Ratio	Lower	Upper
228	100		
226	30.3	24.6	37.0
229	22.9	15.8	23.8

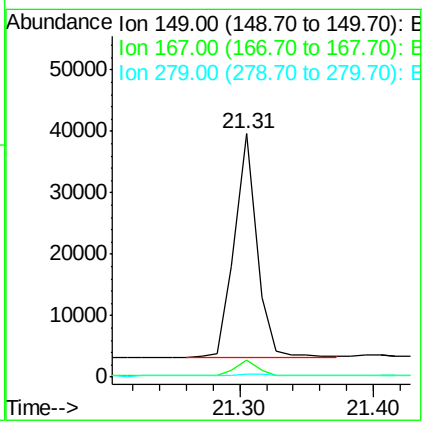


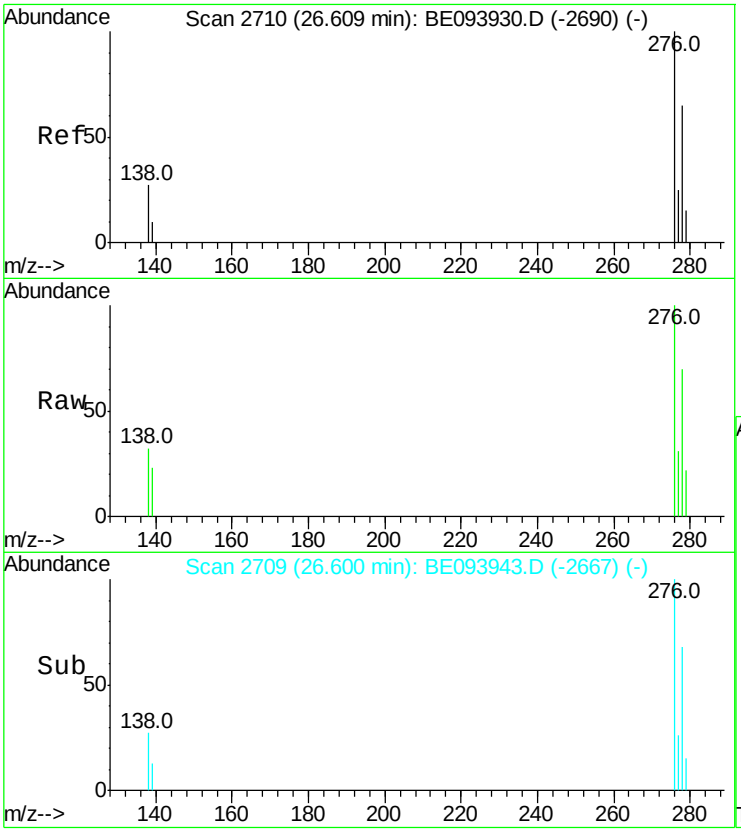


#32
Bis(2-ethylhexyl)phthalate
Concen: 0.340 ng
RT: 21.31 min Scan# 1645
Delta R.T. 0.00 min
Lab File: BE093943.D
Acq: 5 Sep 2017 18:59

Tgt Ion:149 Resp: 42538

Ion	Ratio	Lower	Upper
149	100		
167	6.8	5.4	8.0
279	0.8	0.7	1.1



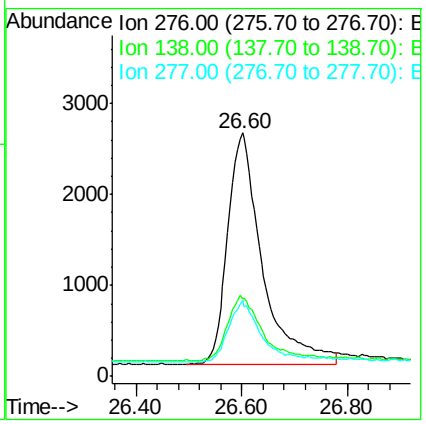


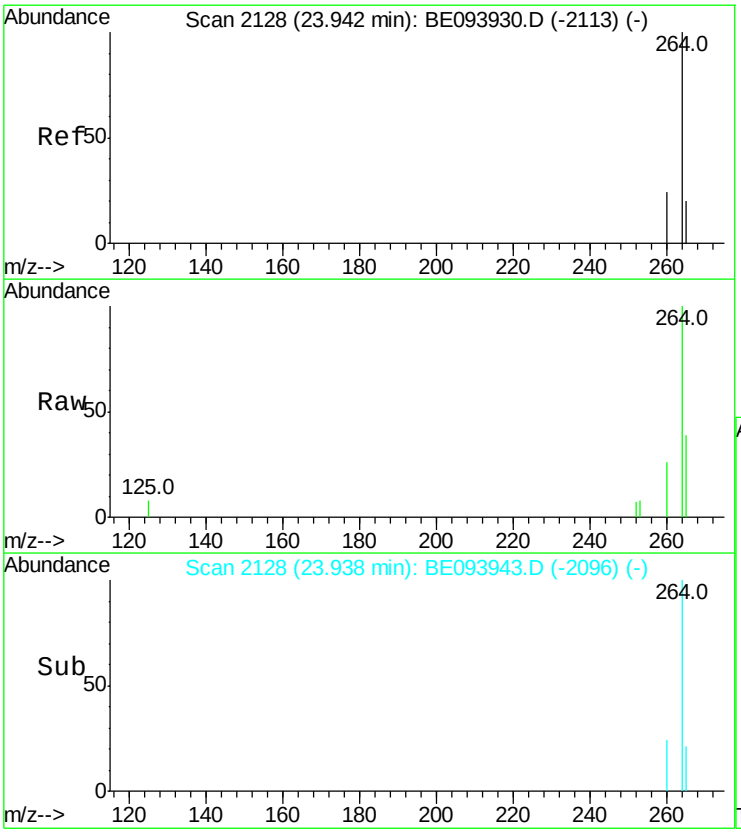
#33
Indeno(1,2,3-cd)pyrene
Concen: 0.320 ng
RT: 26.60 min Scan# 2709
Delta R.T. -0.01 min
Lab File: BE093943.D
Acq: 5 Sep 2017 18:59

Instrument :
BNA_E
ClientSampleId :
MWHR2-6MSD

Tgt Ion:276 Resp: 11616

Ion	Ratio	Lower	Upper
276	100		
138	27.0	22.2	33.2
277	24.8	19.5	29.3

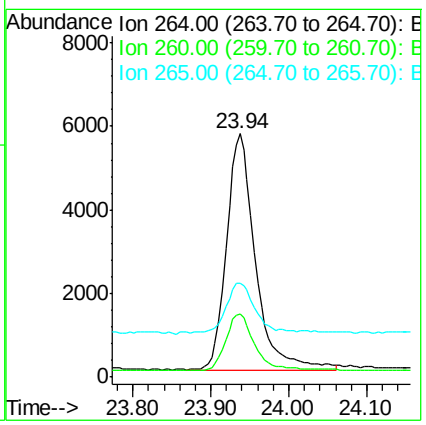


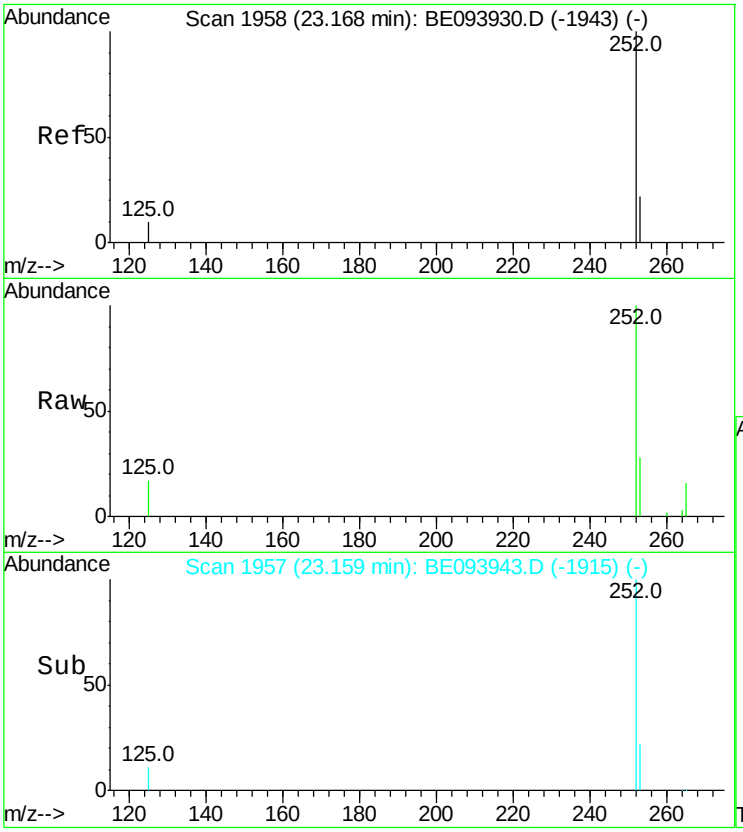


#34
Perylene-d12
Concen: 0.400 ng
RT: 23.94 min Scan# 2128
Delta R.T. -0.00 min
Lab File: BE093943.D
Acq: 5 Sep 2017 18:59

Tgt Ion:264 Resp: 14493

Ion	Ratio	Lower	Upper
264	100		
260	26.1	20.0	30.0
265	38.7	24.0	36.0#



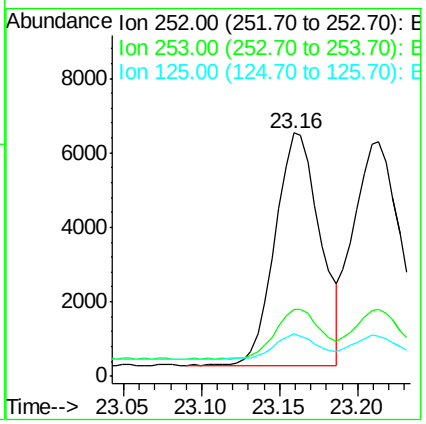


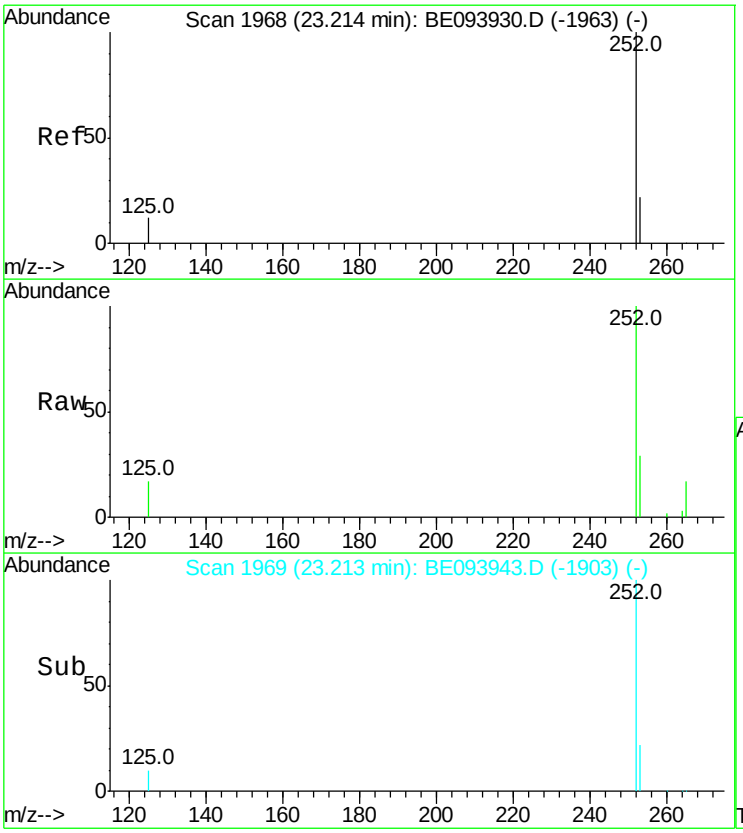
#35
Benzo(b)fluoranthene
Concen: 0.272 ng
RT: 23.16 min Scan# 1957
Delta R.T. -0.01 min
Lab File: BE093943.D
Acq: 5 Sep 2017 18:59

Instrument :
BNA_E
ClientSampleId :
MWHR2-6MSD

Tgt Ion:252 Resp: 12559

Ion	Ratio	Lower	Upper
252	100		
253	27.7	19.4	29.0
125	17.4	10.0	15.0#

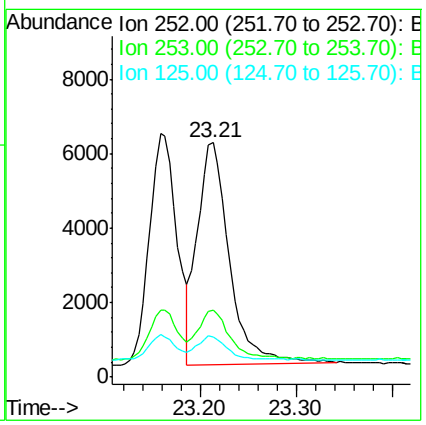


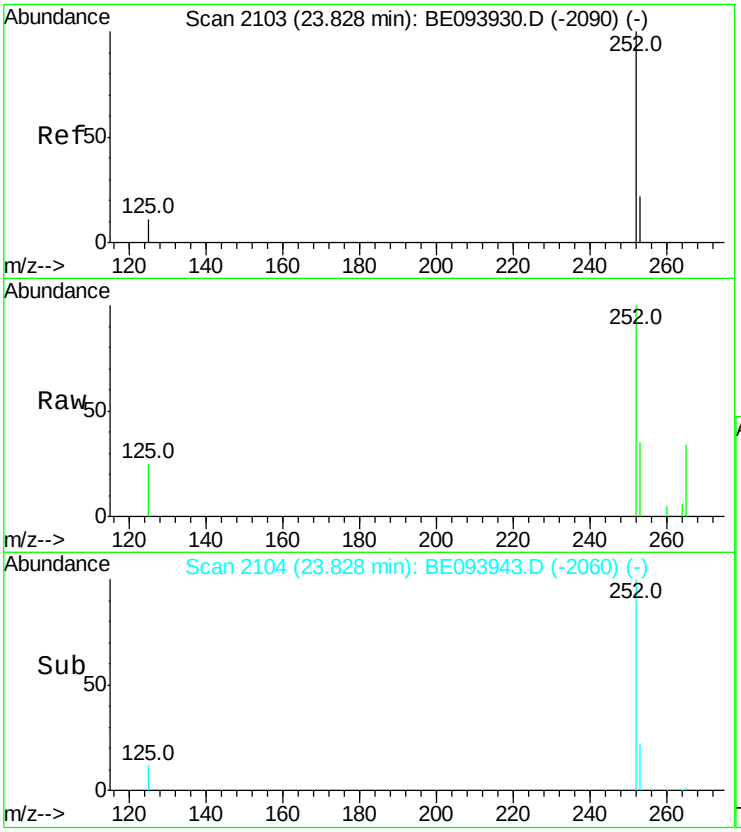


#36
Benzo(k)fluoranthene
Concen: 0.242 ng
RT: 23.21 min Scan# 1969
Delta R.T. -0.00 min
Lab File: BE093943.D
Acq: 5 Sep 2017 18:59

Tgt Ion:252 Resp: 13672

Ion	Ratio	Lower	Upper
252	100		
253	28.5	18.1	27.1#
125	16.9	9.8	14.6#



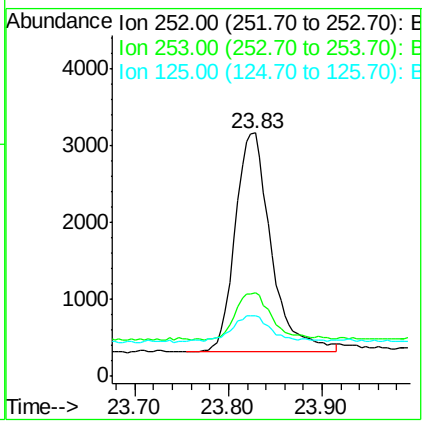


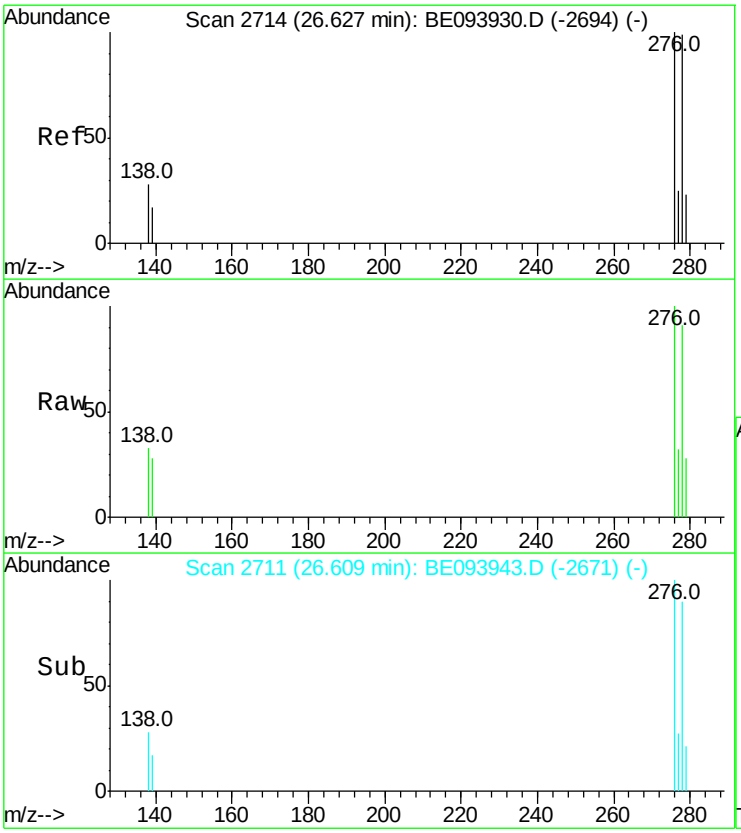
#37
Benzo(a)pyrene
Concen: 0.163 ng
RT: 23.83 min Scan# 2104
Delta R.T. -0.00 min
Lab File: BE093943.D
Acq: 5 Sep 2017 18:59

Instrument :
BNA_E
ClientSampleId :
MWHR2-6MSD

Tgt Ion:252 Resp: 7643

Ion	Ratio	Lower	Upper
252	100		
253	34.6	19.6	29.4#
125	25.1	11.8	17.8#

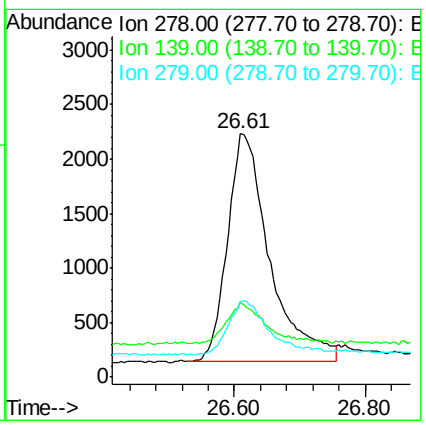


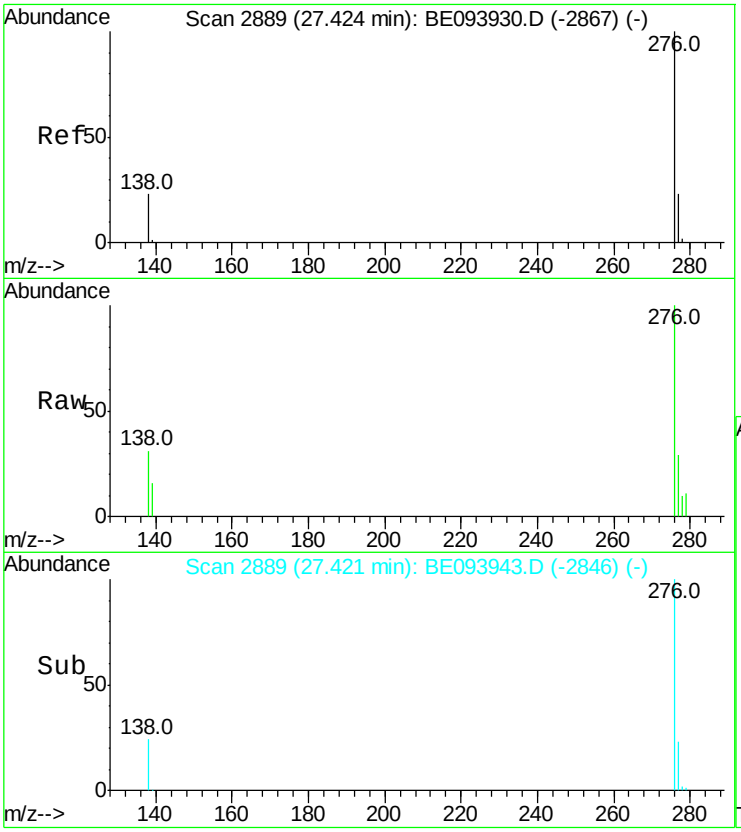


#38
Dibenzo(a,h)anthracene
Concen: 0.300 ng
RT: 26.61 min Scan# 2711
Delta R.T. -0.02 min
Lab File: BE093943.D
Acq: 5 Sep 2017 18:59

Tgt Ion:278 Resp: 9364

Ion	Ratio	Lower	Upper
278	100		
139	30.9	16.7	25.1#
279	31.0	21.6	32.4





#39
Benzo(g,h,i)perylene
Concen: 0.264 ng
RT: 27.42 min Scan# 2889
Delta R.T. -0.00 min
Lab File: BE093943.D
Acq: 5 Sep 2017 18:59

Instrument :
BNA_E
ClientSampleId :
MWHR2-6MSD

Tgt Ion:276 Resp: 8682

Ion	Ratio	Lower	Upper
276	100		
277	29.3	20.6	30.8
138	30.5	21.9	32.9