Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA E\DATA\BE051117\
Data File : BE093007.D
Acq On : 11 May 2017 22:28
Operator : SJ/MA
Sample : SSTDCCC0.4EC
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument : BNA_E
ClientSampleId :

Quant Time: May 12 02:20:47 2017
Quant Method : Z:\HPCHEM1\BNA E\METHODS\8270-SIM-BE051117.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu May 11 14:48:08 2017
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.75	152	904	0.40	ng		-0.02
7) Naphthalene-d8	10.53	136	3798	0.40	ng		0.00
13) Acenaphthene-d10	14.39	164	1847	0.40	ng		0.00
19) Phenanthrene-d10	17.13	188	5044	0.40	ng		0.00
27) Chrysene-d12	21.28	240	4993	0.40	ng		0.00
34) Perylene-d12	23.70	264	4298	0.40	ng		0.00
System Monitoring Compounds							
4) 2-Fluorophenol	5.35	112	955	0.39	ng		0.00
5) Phenol-d6	6.92	99	1332	0.43	ng		-0.02
8) Nitrobenzene-d5	8.88	82	1190	0.40	ng		-0.02
11) 2-Methylnaphthalene-d10	12.11	152	1964	0.37	ng		-0.02
14) 2,4,6-Tribromophenol	15.88	330	197	0.39	ng		0.00
15) 2-Fluorobiphenyl	13.01	172	2755	0.38	ng		0.00
25) Fluoranthene-d10	19.14	212	4523	0.34	ng		-0.01
29) Terphenyl-d14	19.74	244	3316	0.37	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.30	88	622	0.34	ng		98
3) n-Nitrosodimethylamine	3.61	42	573	0.37	ng	#	97
6) bis(2-Chloroethyl)ether	7.18	93	1086	0.36	ng	#	100
9) Naphthalene	10.58	128	3615	0.36	ng		99
10) Hexachlorobutadiene	10.87	225	480	0.35	ng		97
12) 2-Methylnaphthalene	12.19	142	2170	0.37	ng		99
16) Acenaphthylene	14.10	152	11530	0.37	ng		100
17) Acenaphthene	14.44	154	2046	0.36	ng		98
18) Fluorene	15.43	166	2595	0.36	ng		100
20) 4-Bromophenyl-phenylether	16.36	248	533	0.33	ng		91
21) Hexachlorobenzene	16.47	284	751	0.28	ng	#	100
22) Pentachlorophenol	16.82	266	245	0.46	ng		92
23) Phenanthrene	17.19	178	3698	0.31	ng	#	77
24) Anthracene	17.28	178	3534	0.34	ng		97
26) Fluoranthene	19.16	202	21049	0.32	ng	#	59
28) Pyrene	19.53	202	22902	0.37	ng	#	98
30) Benzo(a)anthracene	21.25	228	4729	0.39	ng	#	83
31) Chrysene	21.30	228	5270	0.34	ng	#	84
32) Bis(2-ethylhexyl)phthalate	21.20	149	2636	0.53	ng		98
33) Indeno(1,2,3-cd)pyrene	26.24	276	19482	0.40	ng		98
35) Benzo(b)fluoranthene	22.95	252	4601	0.33	ng		99
36) Benzo(k)fluoranthene	23.01	252	4886	0.35	ng		99
37) Benzo(a)pyrene	23.58	252	4308	0.36	ng		99
38) Dibenzo(a,h)anthracene	26.25	278	4057	0.37	ng		99
39) Benzo(g,h,i)perylene	27.00	276	17911	0.36	ng		99

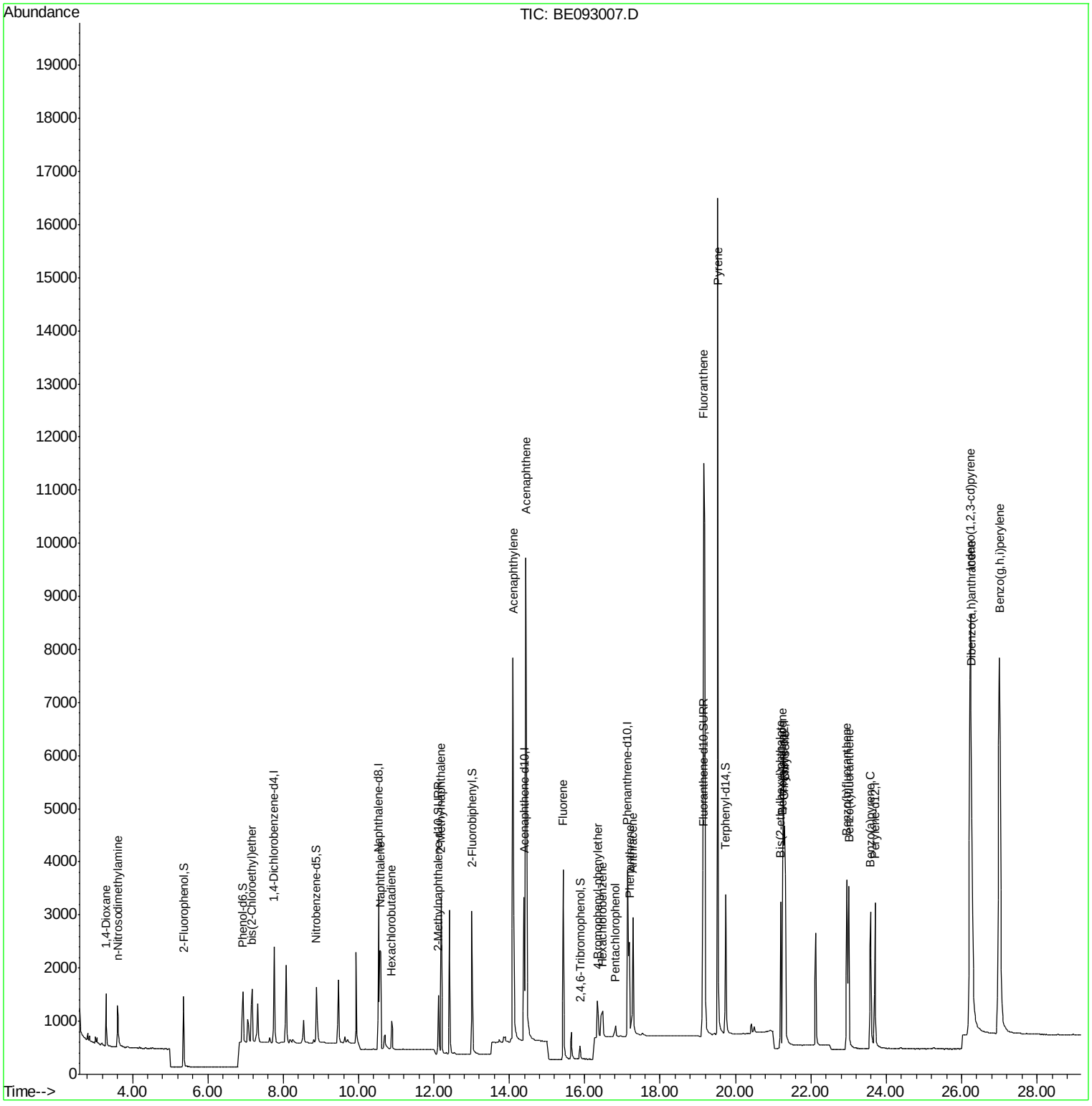
(#) = qualifier out of range (m) = manual integration (+) = signals summed

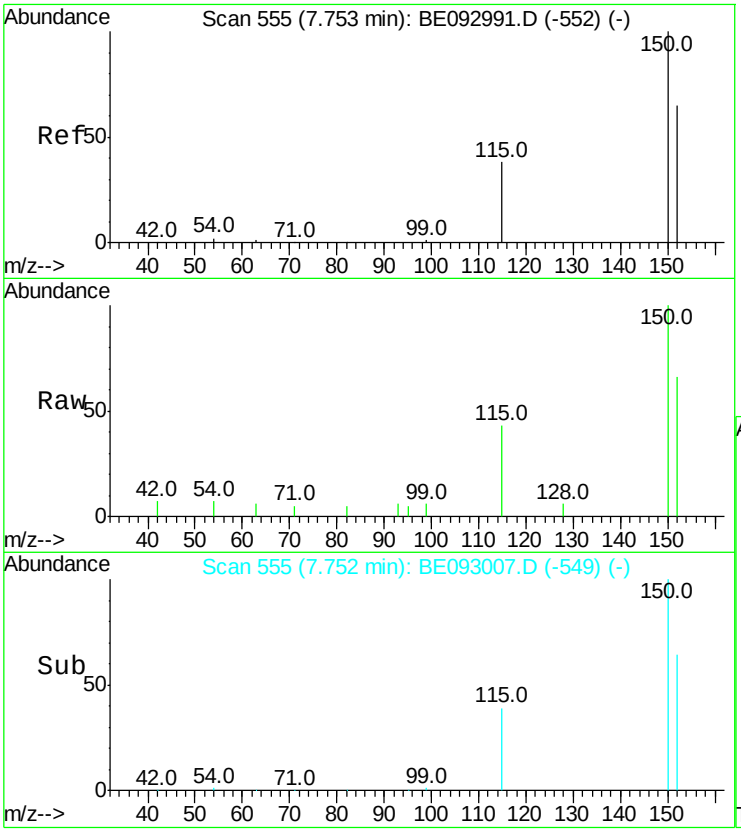
Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA E\DATA\BE051117\
Data File : BE093007.D
Acq On : 11 May 2017 22:28
Operator : SJ/MA
Sample : SSTDCCC0.4EC
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_E
ClientSampleId :

Quant Time: May 12 02:20:47 2017
Quant Method : Z:\HPCHEM1\BNA E\METHODS\8270-SIM-BE051117.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu May 11 14:48:08 2017
Response via : Initial Calibration



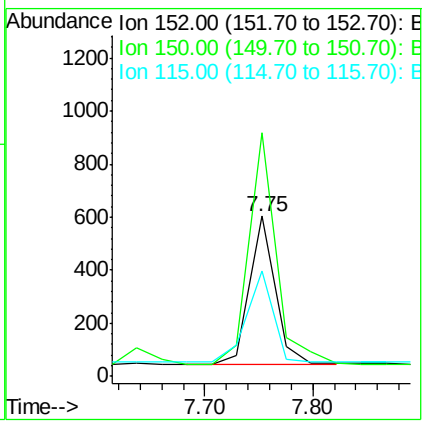


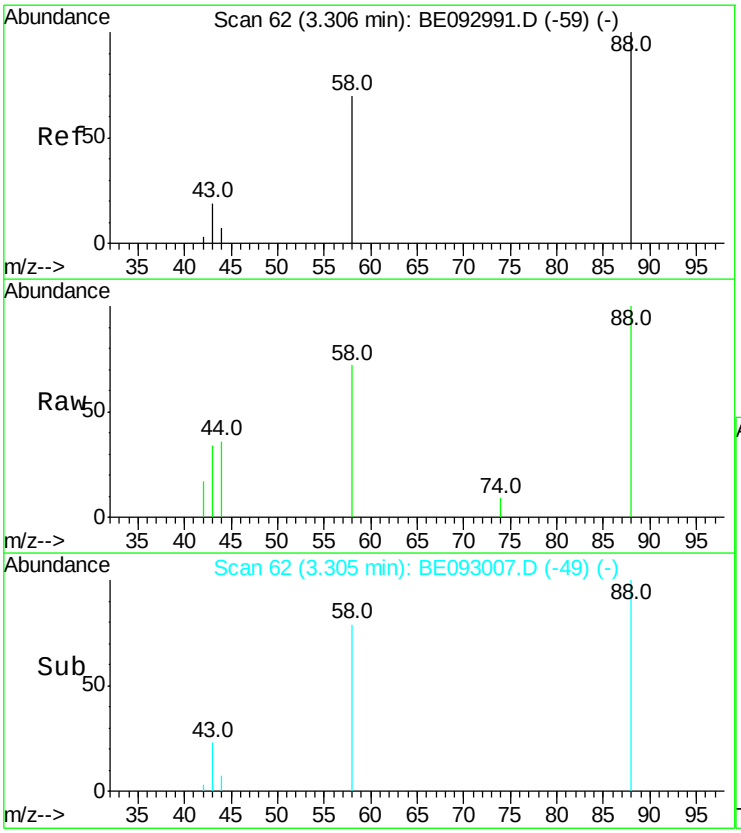
#1
1,4-Dichlorobenzene-d4
Concen: 0.40 ng
RT: 7.75 min Scan# 555
Delta R.T. -0.02 min
Lab File: BE093007.D
Acq: 11 May 2017 22:28

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:152 Resp: 904

Ion	Ratio	Lower	Upper
152	100		
150	152.2	125.1	187.7
115	65.7	55.7	83.5

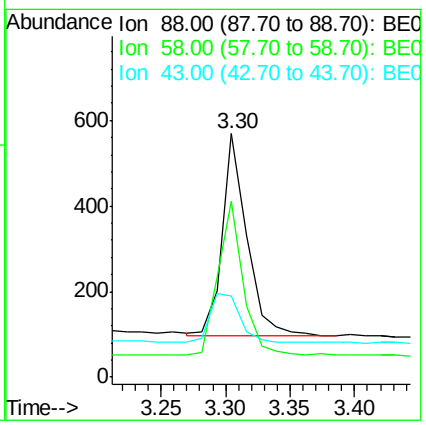


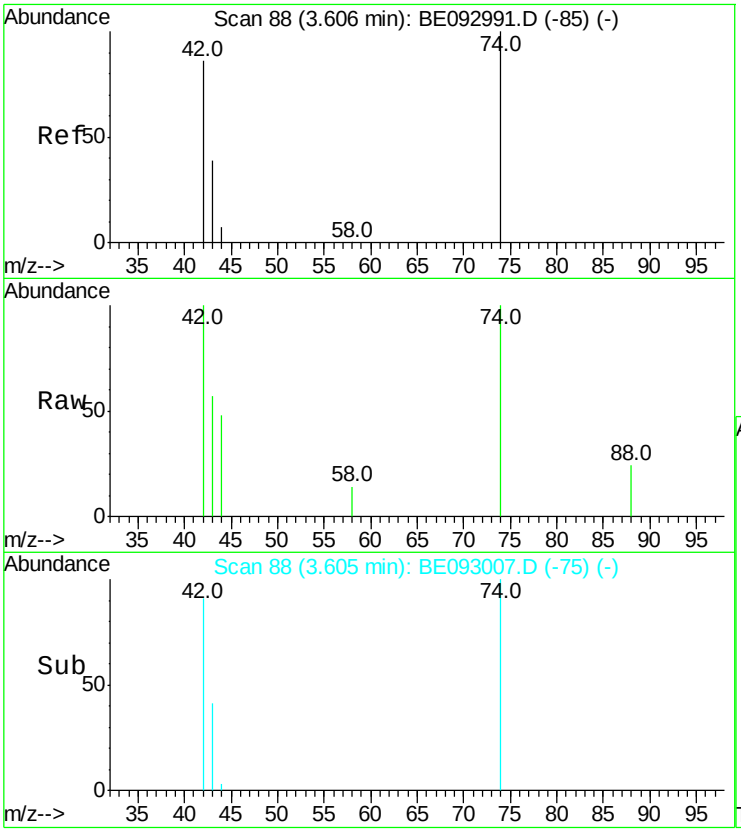


#2
1,4-Dioxane
Concen: 0.34 ng
RT: 3.30 min Scan# 62
Delta R.T. -0.00 min
Lab File: BE093007.D
Acq: 11 May 2017 22:28

Tgt Ion: 88 Resp: 622

Ion	Ratio	Lower	Upper
88	100		
58	79.1	62.2	93.4
43	30.1	23.2	34.8



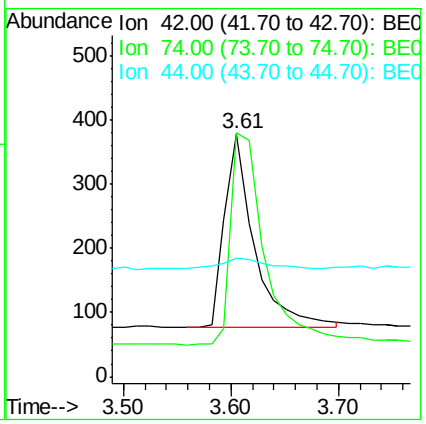


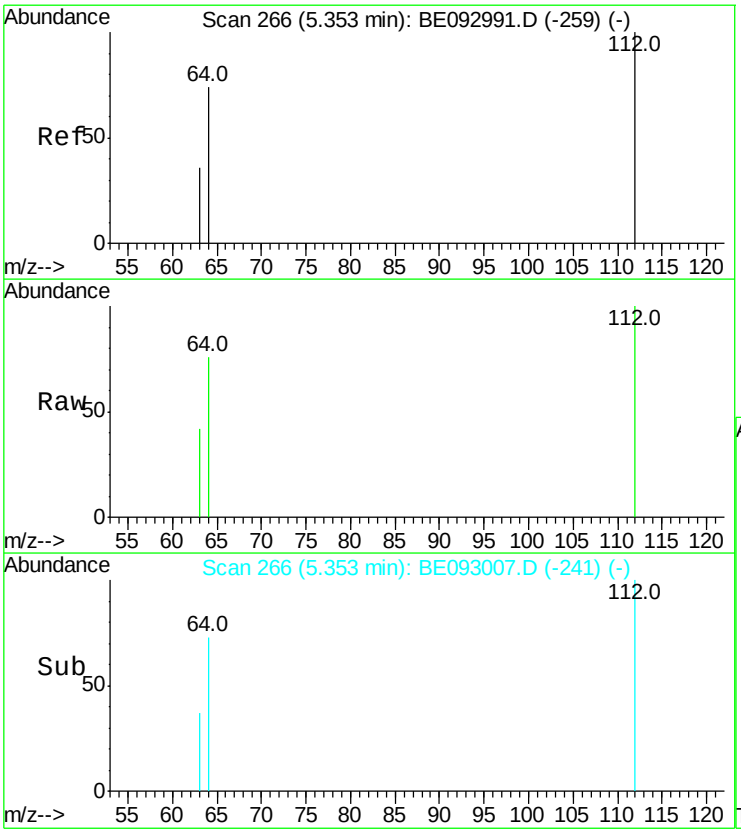
#3
n-Nitrosodimethylamine
Concen: 0.37 ng
RT: 3.61 min Scan# 88
Delta R.T. -0.00 min
Lab File: BE093007.D
Acq: 11 May 2017 22:28

Instrument :
BNA_E
ClientSampleId :

Tgt Ion: 42 Resp: 573

Ion	Ratio	Lower	Upper
42	100		
74	126.5	99.1	148.7
44	11.7	7.4	11.2#

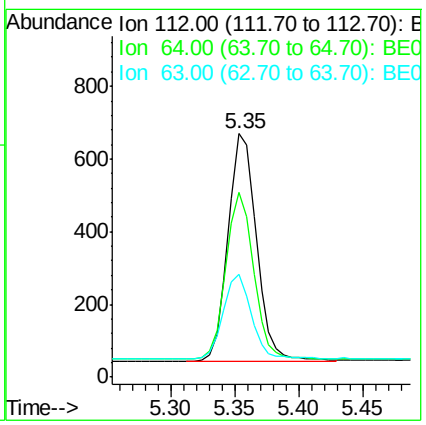


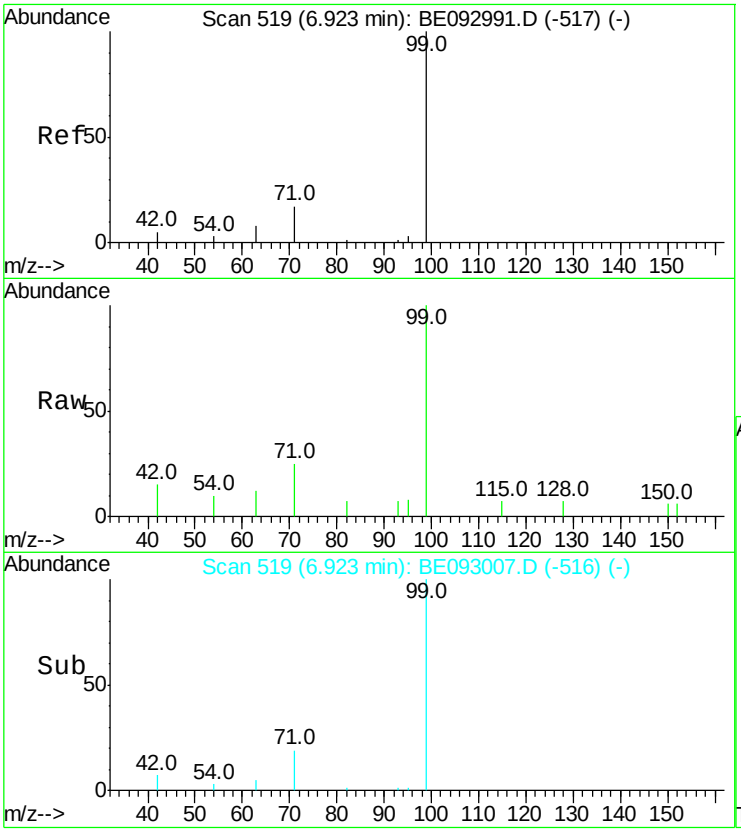


#4
2-Fluorophenol
Concen: 0.39 ng
RT: 5.35 min Scan# 266
Delta R.T. -0.01 min
Lab File: BE093007.D
Acq: 11 May 2017 22:28

Tgt Ion:112 Resp: 955

Ion	Ratio	Lower	Upper
112	100		
64	72.8	56.4	84.6
63	36.6	29.3	43.9



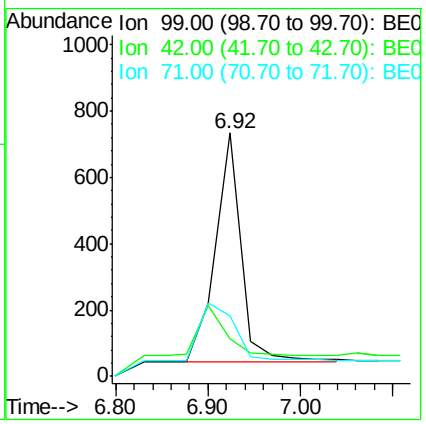


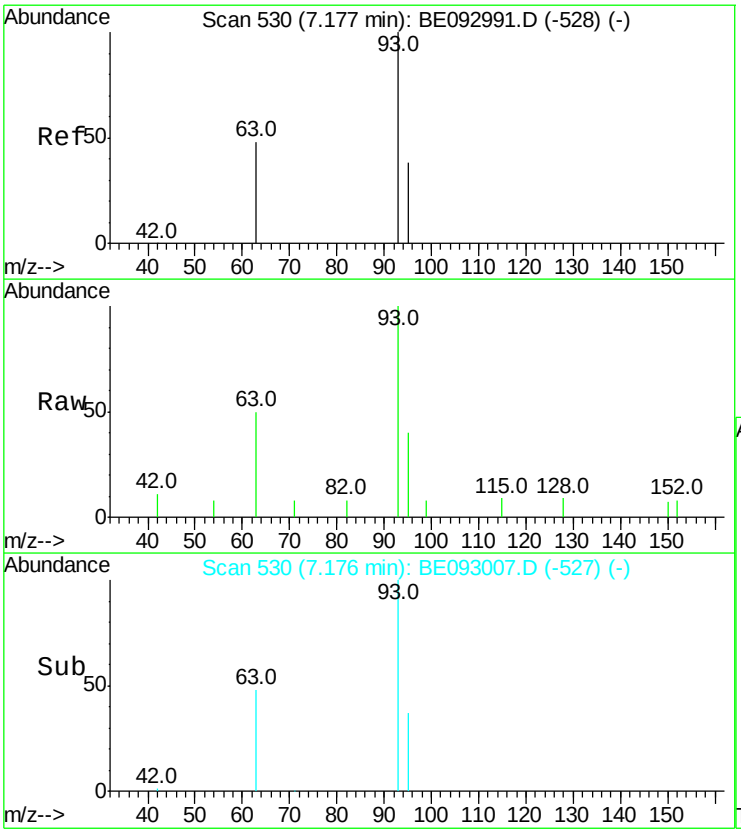
#5
Phenol-d6
Concen: 0.43 ng
RT: 6.92 min Scan# 519
Delta R.T. -0.02 min
Lab File: BE093007.D
Acq: 11 May 2017 22:28

Instrument :
BNA_E
ClientSampleId :

Tgt Ion: 99 Resp: 1332

Ion	Ratio	Lower	Upper
99	100		
42	0.0	0.0	0.0
71	0.0	0.0	0.0

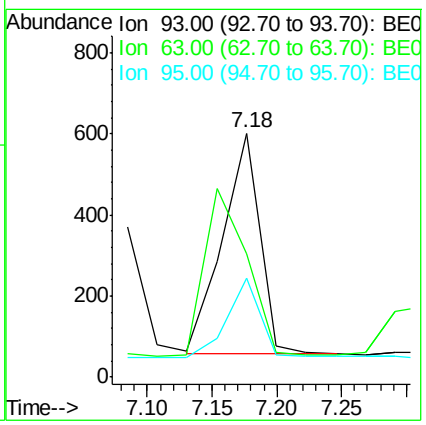


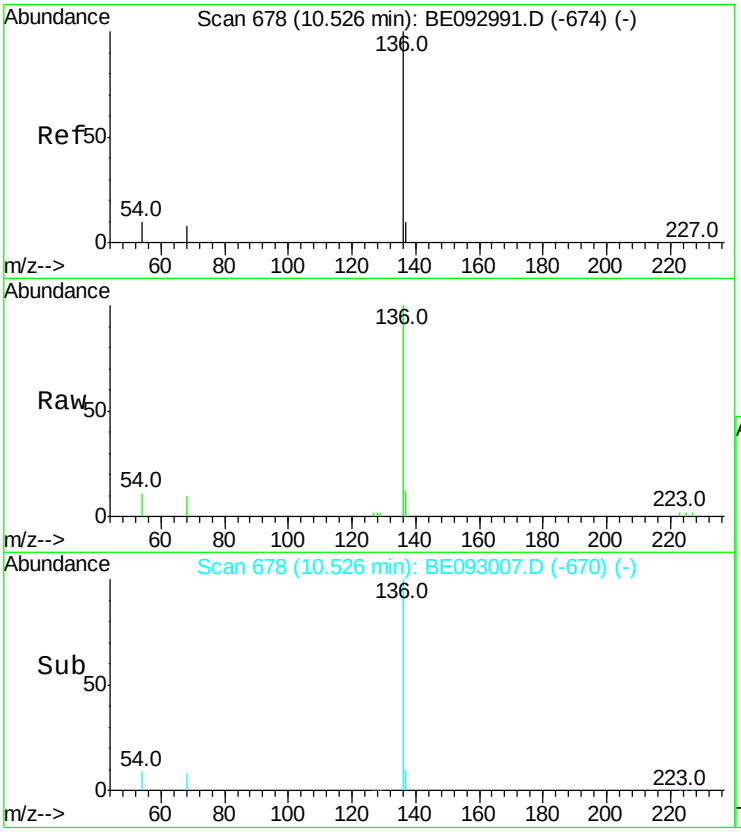


#6
bis(2-Chloroethyl)ether
Concen: 0.36 ng
RT: 7.18 min Scan# 530
Delta R.T. -0.02 min
Lab File: BE093007.D
Acq: 11 May 2017 22:28

Tgt Ion: 93 Resp: 1086

Ion	Ratio	Lower	Upper
93	100		
63	0.0	0.0	0.0
95	31.9	25.4	38.0



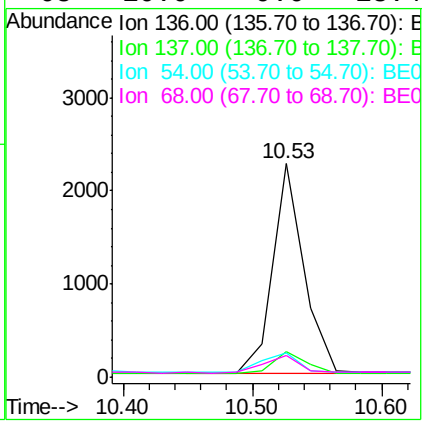


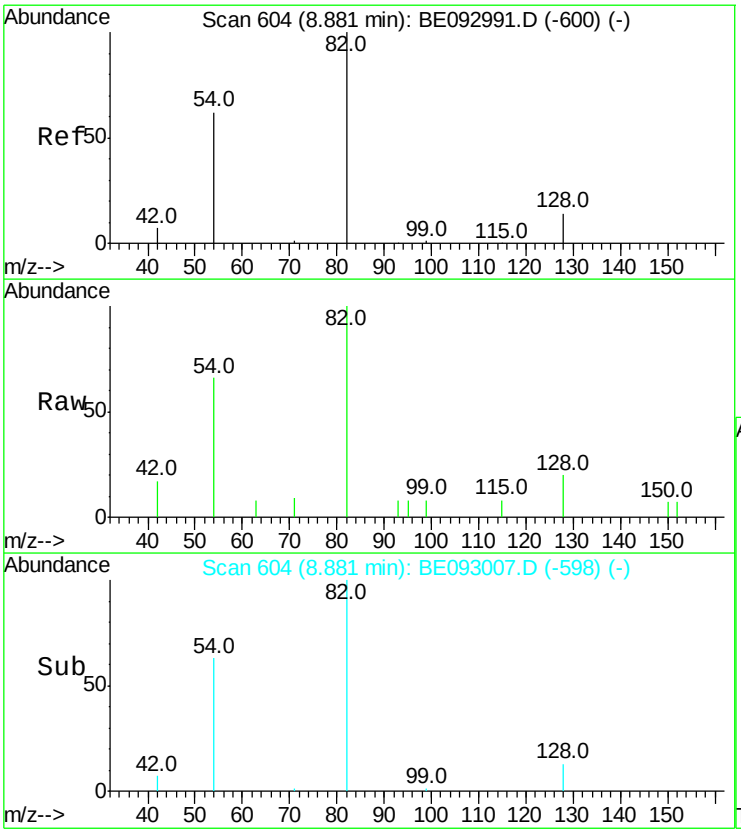
#7
Naphthalene-d8
Concen: 0.40 ng
RT: 10.53 min Scan# 678
Delta R.T. 0.00 min
Lab File: BE093007.D
Acq: 11 May 2017 22:28

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:136 Resp: 3798

Ion	Ratio	Lower	Upper
136	100		
137	12.0	9.8	14.8
54	11.3	10.3	15.5
68	10.0	9.0	13.4

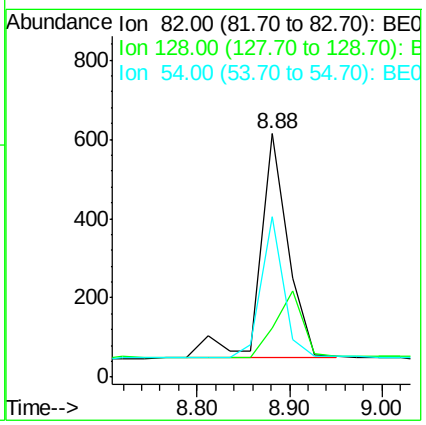


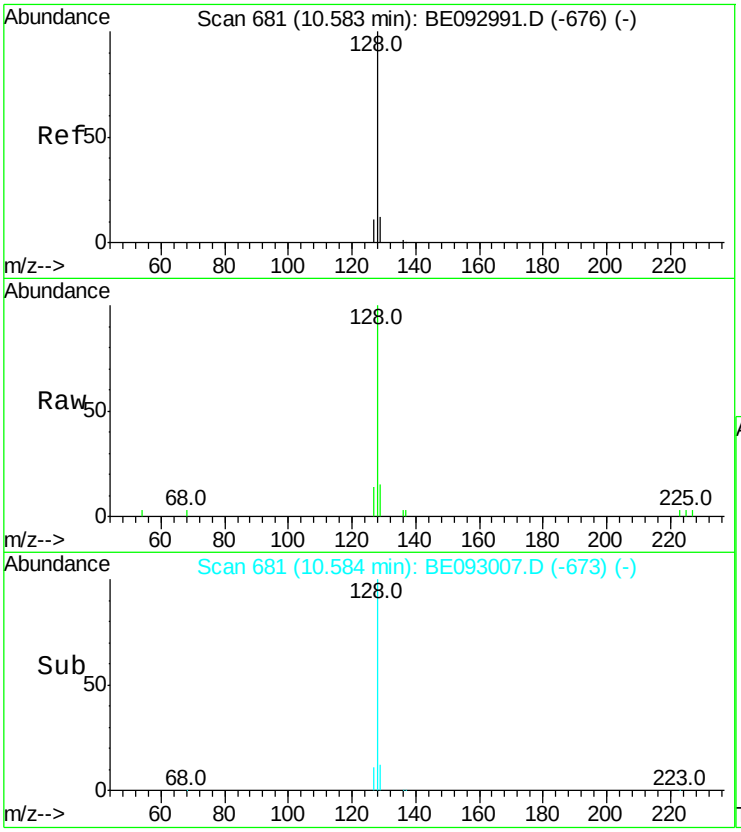


#8
Nitrobenzene-d5
Concen: 0.40 ng
RT: 8.88 min Scan# 604
Delta R.T. -0.02 min
Lab File: BE093007.D
Acq: 11 May 2017 22:28

Tgt Ion: 82 Resp: 1190

Ion	Ratio	Lower	Upper
82	100		
128	20.2	17.0	25.4
54	66.0	53.8	80.6



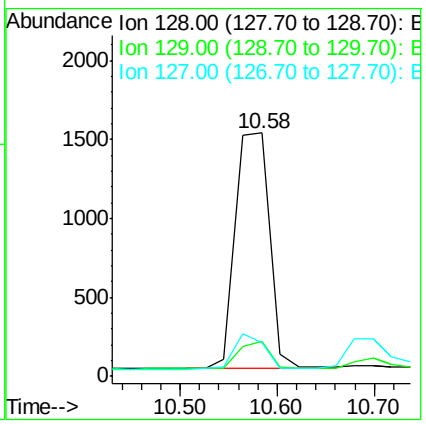


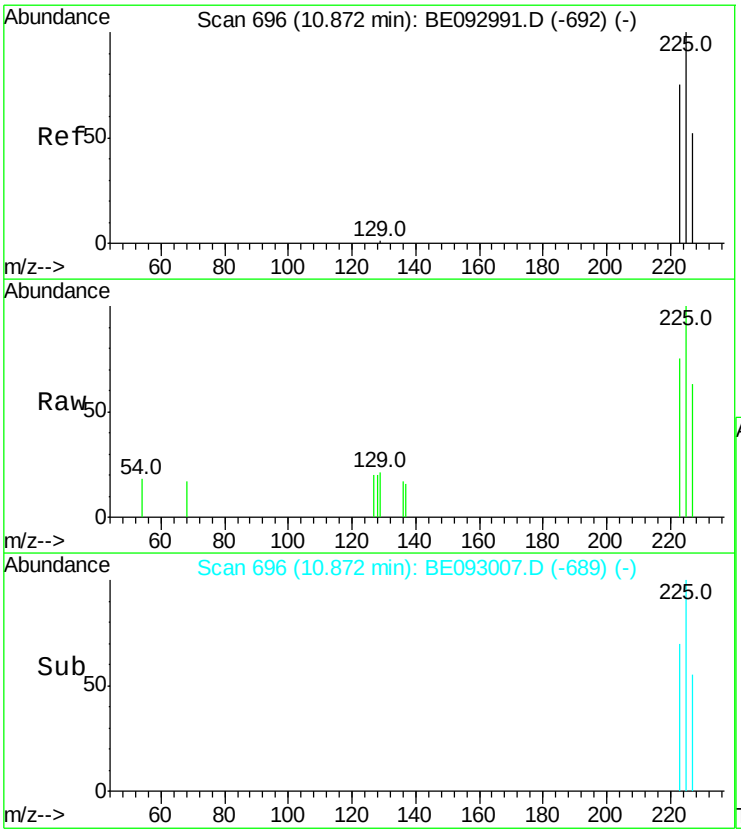
#9
Naphthalene
Concen: 0.36 ng
RT: 10.58 min Scan# 681
Delta R.T. 0.00 min
Lab File: BE093007.D
Acq: 11 May 2017 22:28

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:128 Resp: 3615

Ion	Ratio	Lower	Upper
128	100		
129	14.6	11.4	17.0
127	13.8	11.2	16.8

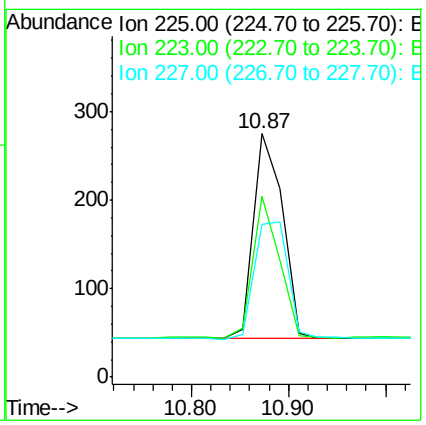


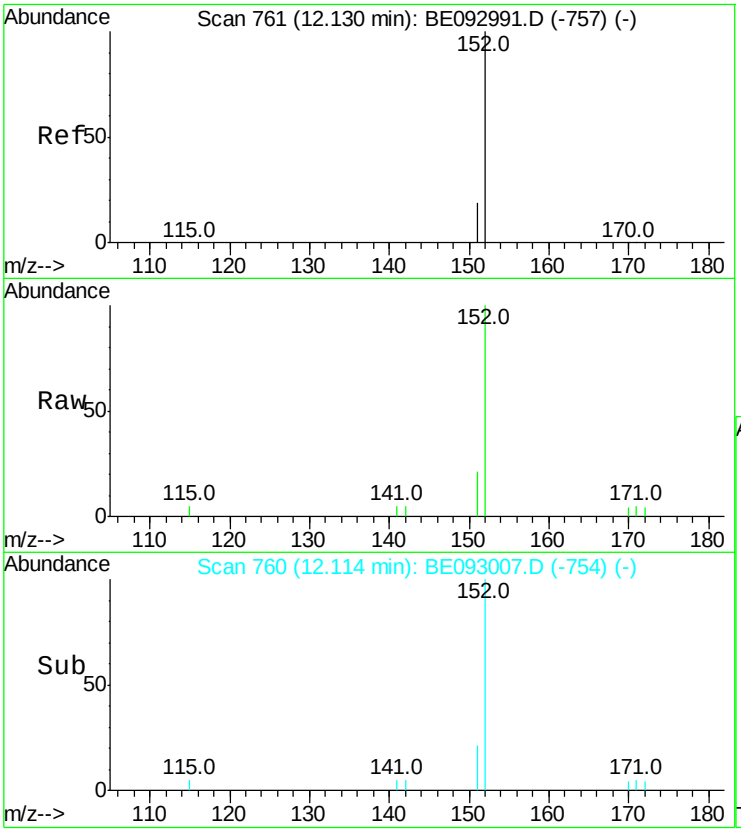


#10
Hexachlorobutadiene
Concen: 0.35 ng
RT: 10.87 min Scan# 696
Delta R.T. -0.02 min
Lab File: BE093007.D
Acq: 11 May 2017 22:28

Tgt Ion:225 Resp: 480

Ion	Ratio	Lower	Upper
225	100		
223	63.7	49.7	74.5
227	65.4	50.3	75.5



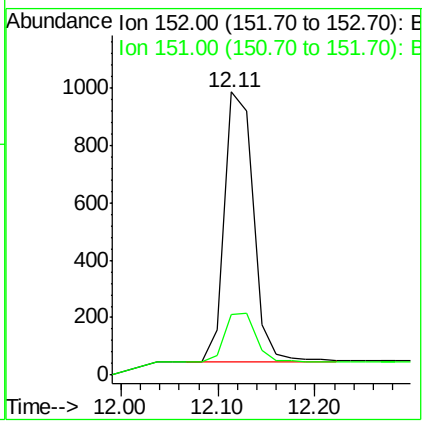


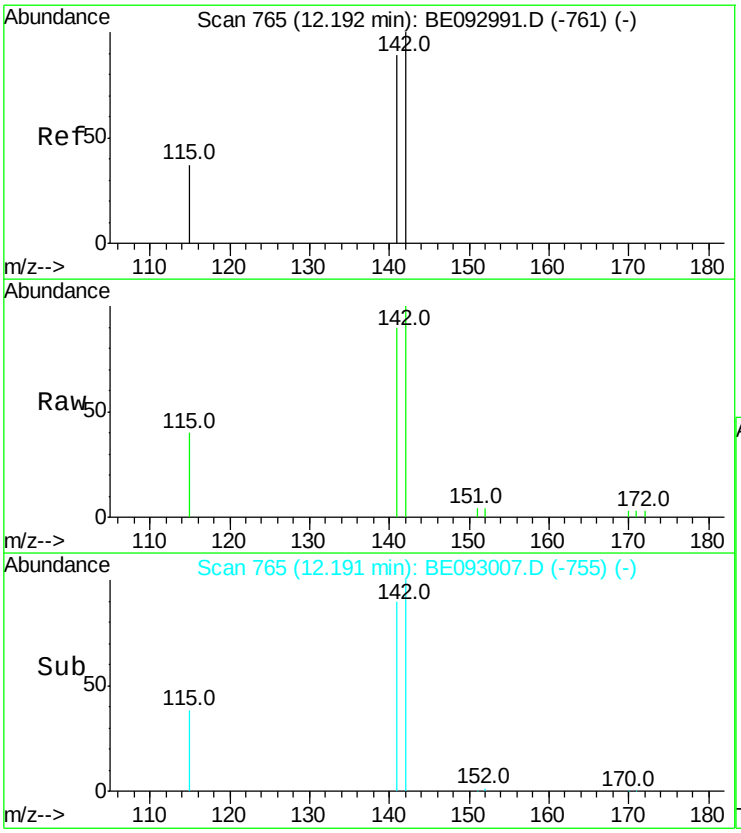
#11
2-Methylnaphthalene-d10
Concen: 0.37 ng
RT: 12.11 min Scan# 760
Delta R.T. -0.02 min
Lab File: BE093007.D
Acq: 11 May 2017 22:28

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:152 Resp: 1964

Ion	Ratio	Lower	Upper
152	100		
151	19.7	15.1	22.7

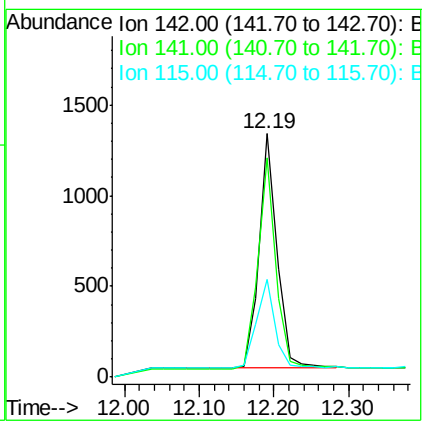


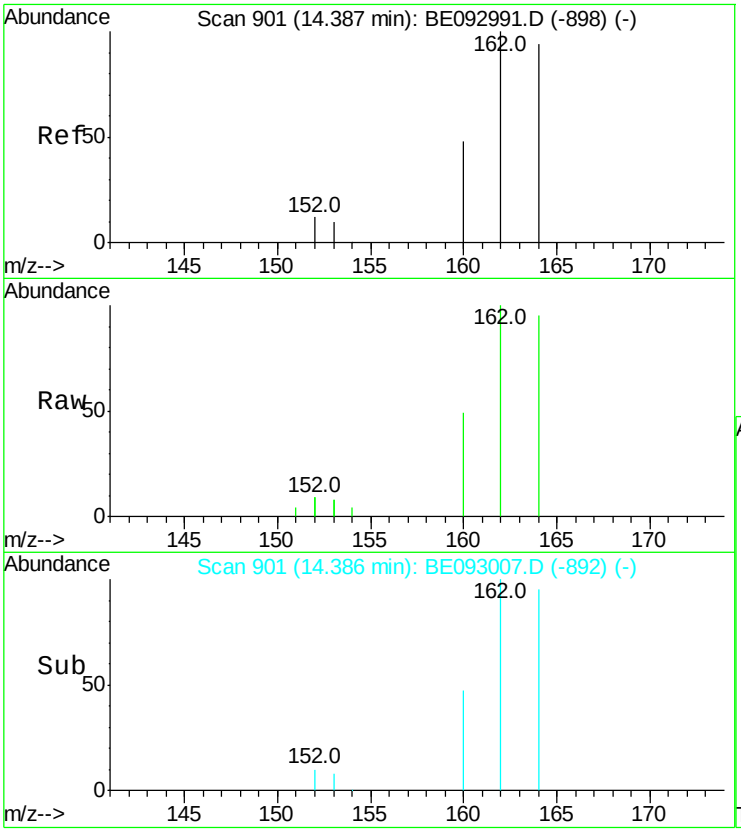


#12
2-Methylnaphthalene
Concen: 0.37 ng
RT: 12.19 min Scan# 765
Delta R.T. -0.00 min
Lab File: BE093007.D
Acq: 11 May 2017 22:28

Tgt Ion:142 Resp: 2170

Ion	Ratio	Lower	Upper
142	100		
141	90.2	72.6	108.8
115	39.9	32.2	48.2



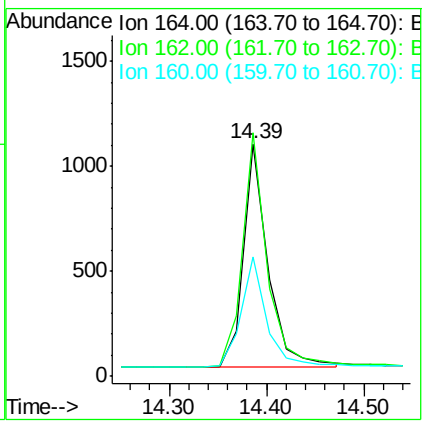


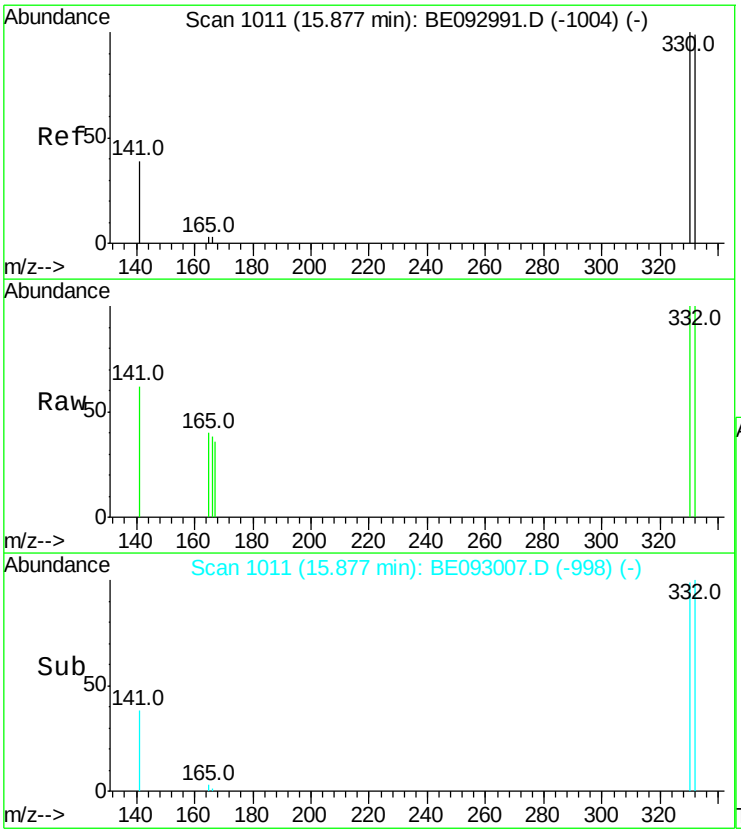
#13
Acenaphthene-d10
Concen: 0.40 ng
RT: 14.39 min Scan# 901
Delta R.T. -0.00 min
Lab File: BE093007.D
Acq: 11 May 2017 22:28

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:164 Resp: 1847

Ion	Ratio	Lower	Upper
164	100		
162	104.8	84.6	127.0
160	51.3	41.8	62.6

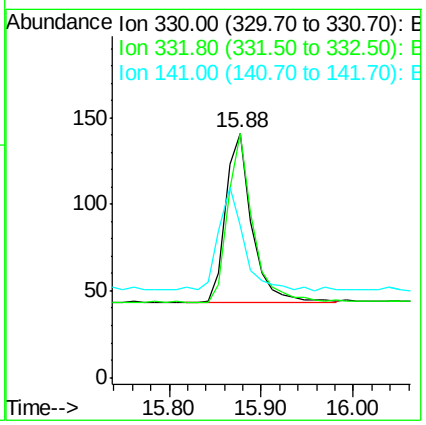


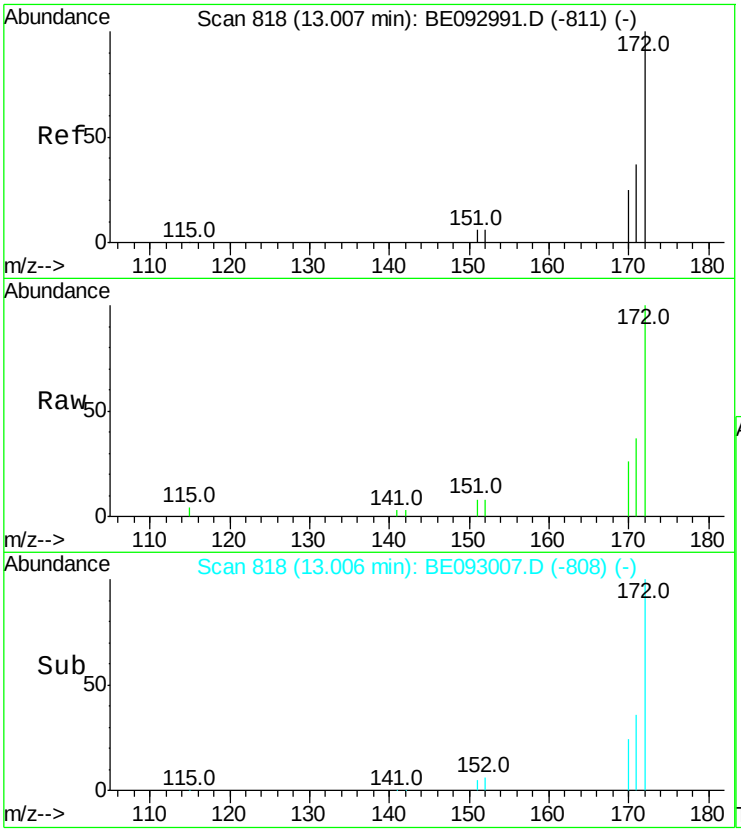


#14
2,4,6-Tribromophenol
Concen: 0.39 ng
RT: 15.88 min Scan# 1011
Delta R.T. 0.00 min
Lab File: BE093007.D
Acq: 11 May 2017 22:28

Tgt Ion:330 Resp: 197

Ion	Ratio	Lower	Upper
330	100		
332	94.9	77.7	116.5
141	59.9	56.2	84.4



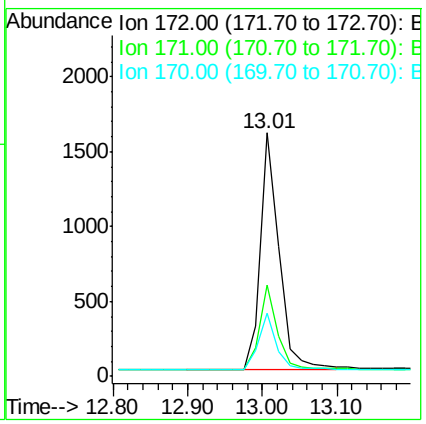


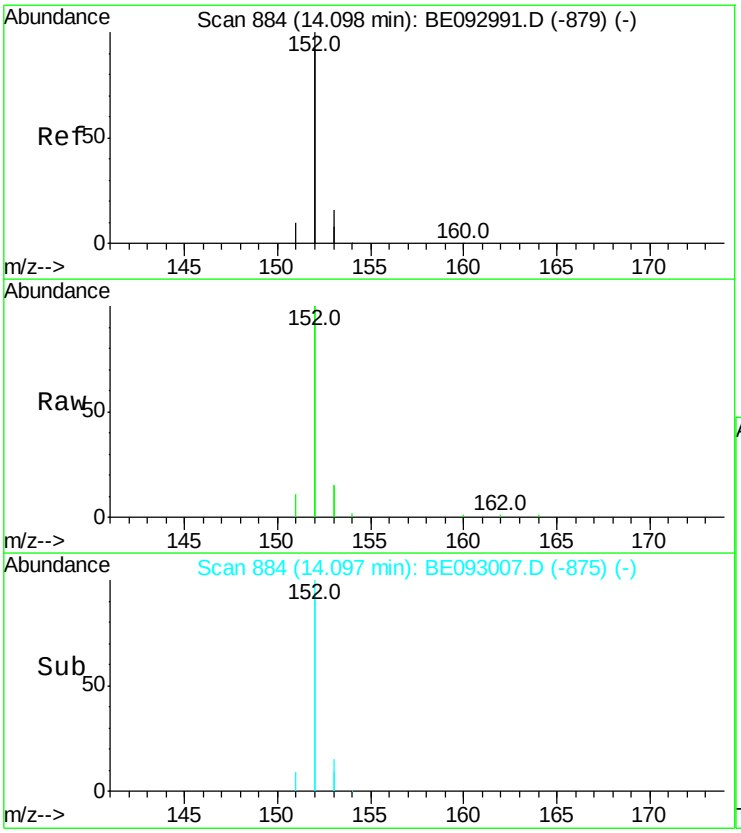
#15
2-Fluorobiphenyl
Concen: 0.38 ng
RT: 13.01 min Scan# 818
Delta R.T. -0.00 min
Lab File: BE093007.D
Acq: 11 May 2017 22:28

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:172 Resp: 2755

Ion	Ratio	Lower	Upper
172	100		
171	37.4	29.8	44.6
170	26.0	20.7	31.1

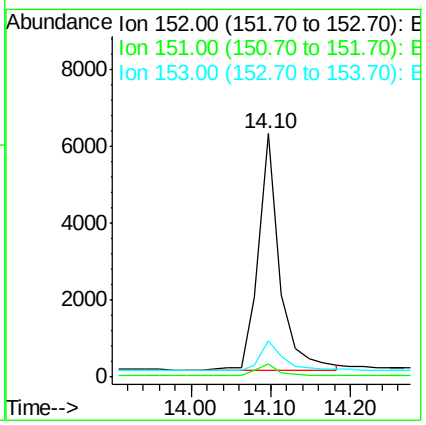


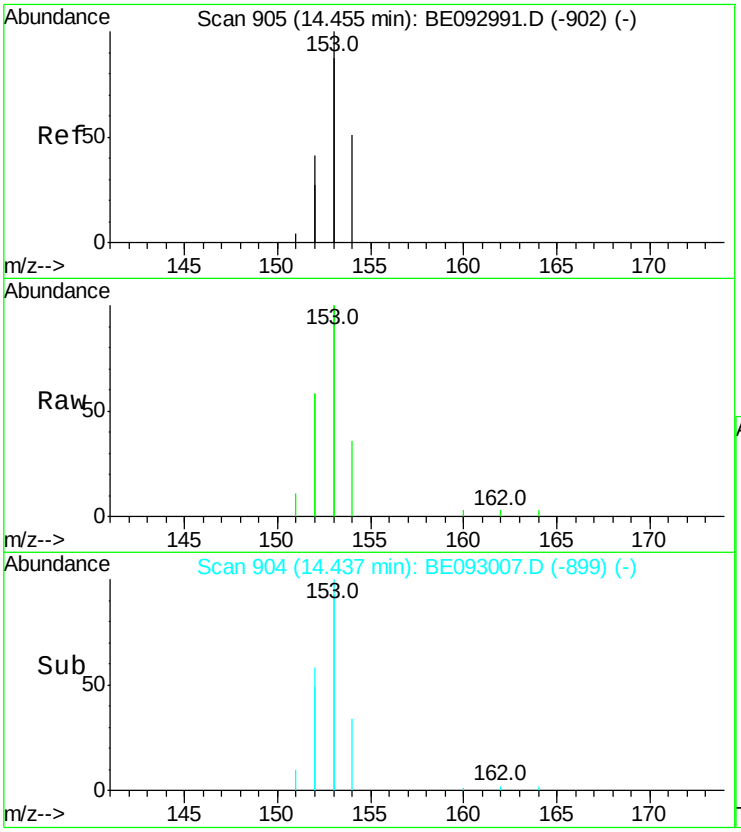


#16
Acenaphthylene
Concen: 0.37 ng
RT: 14.10 min Scan# 884
Delta R.T. -0.00 min
Lab File: BE093007.D
Acq: 11 May 2017 22:28

Tgt Ion:152 Resp: 11530

Ion	Ratio	Lower	Upper
152	100		
151	4.9	4.0	6.0
153	13.0	10.3	15.5



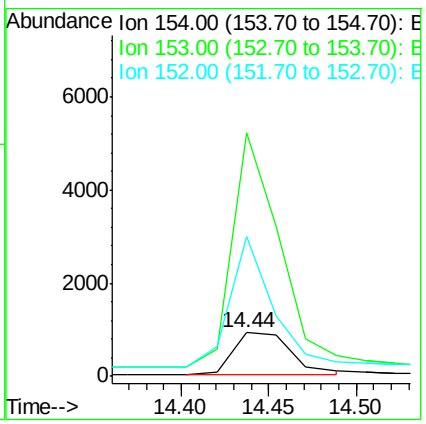


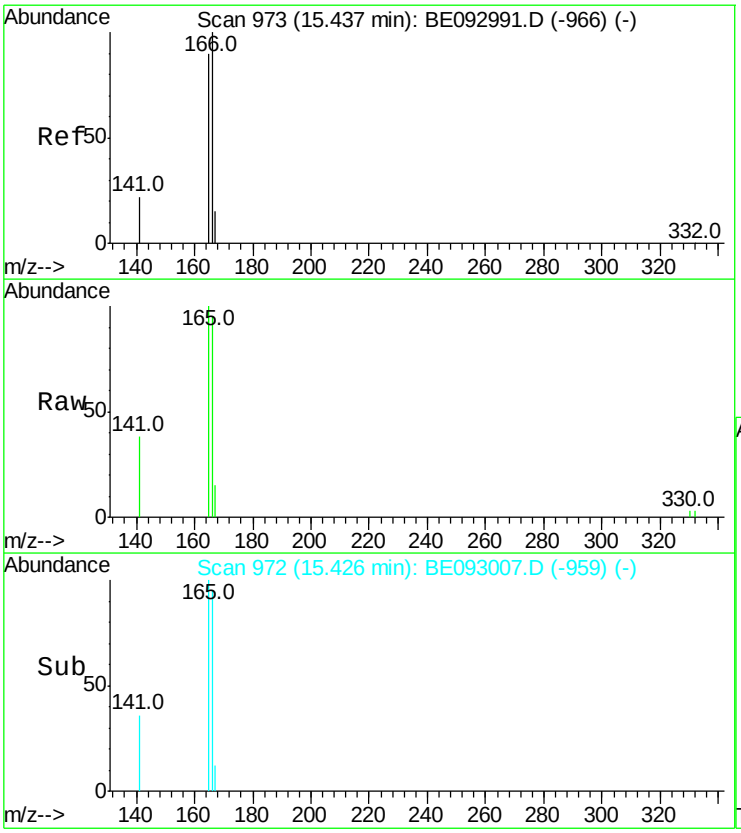
#17
Acenaphthene
Concen: 0.36 ng
RT: 14.44 min Scan# 904
Delta R.T. -0.02 min
Lab File: BE093007.D
Acq: 11 May 2017 22:28

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:154 Resp: 2046

Ion	Ratio	Lower	Upper
154	100		
153	467.4	367.8	551.6
152	234.2	188.2	282.2

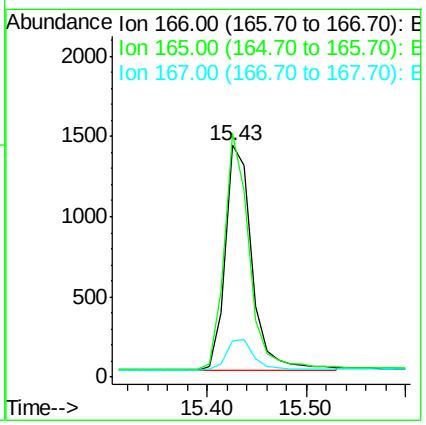


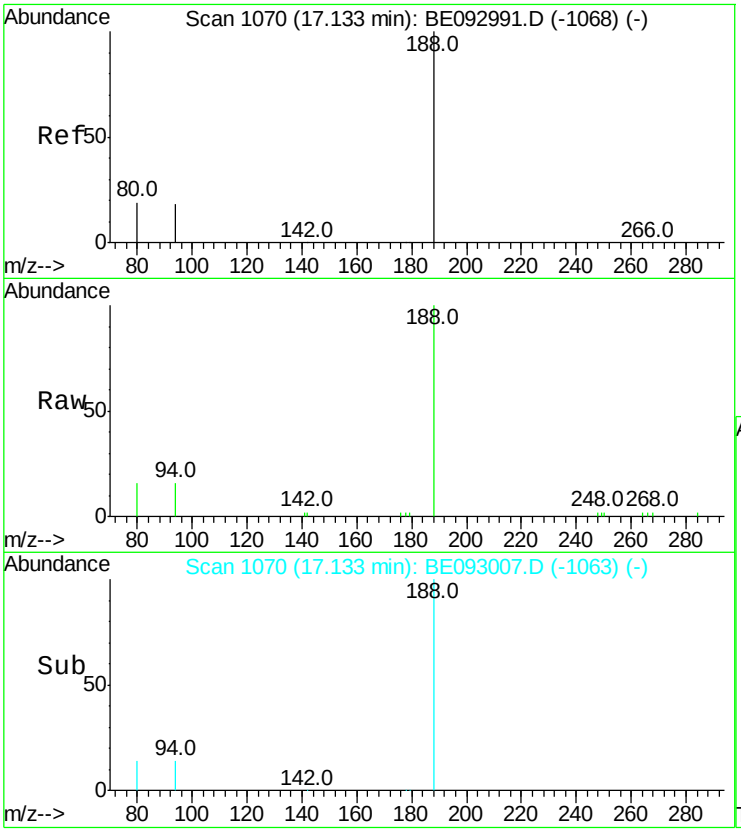


#18
Fluorene
Concen: 0.36 ng
RT: 15.43 min Scan# 972
Delta R.T. 0.00 min
Lab File: BE093007.D
Acq: 11 May 2017 22:28

Tgt Ion:166 Resp: 2595

Ion	Ratio	Lower	Upper
166	100		
165	98.7	78.6	117.8
167	14.0	11.1	16.7



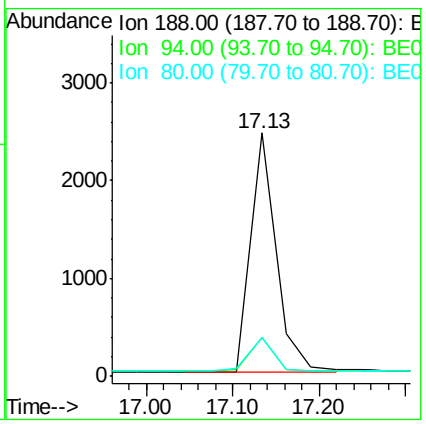


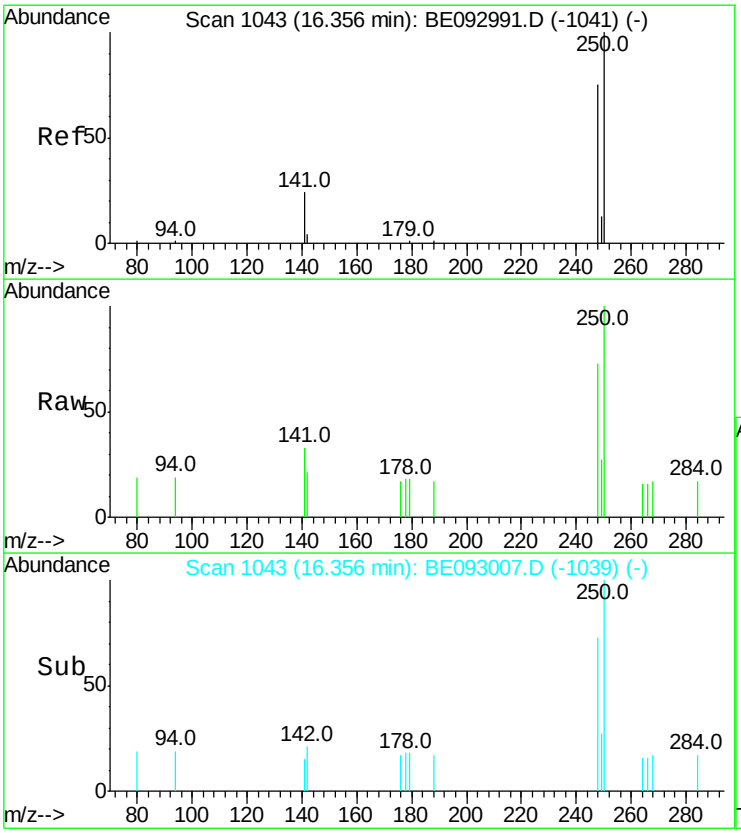
#19
Phenanthrene-d10
Concen: 0.40 ng
RT: 17.13 min Scan# 1070
Delta R.T. -0.00 min
Lab File: BE093007.D
Acq: 11 May 2017 22:28

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:188 Resp: 5044

Ion	Ratio	Lower	Upper
188	100		
94	15.9	11.3	16.9
80	16.2	11.7	17.5

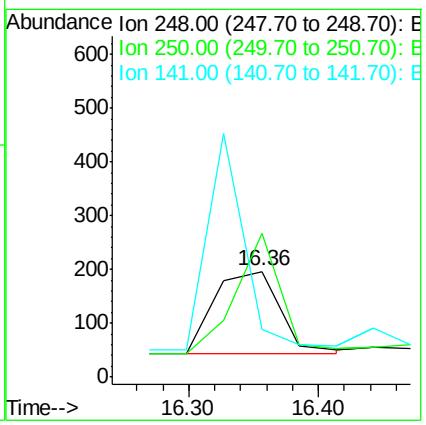


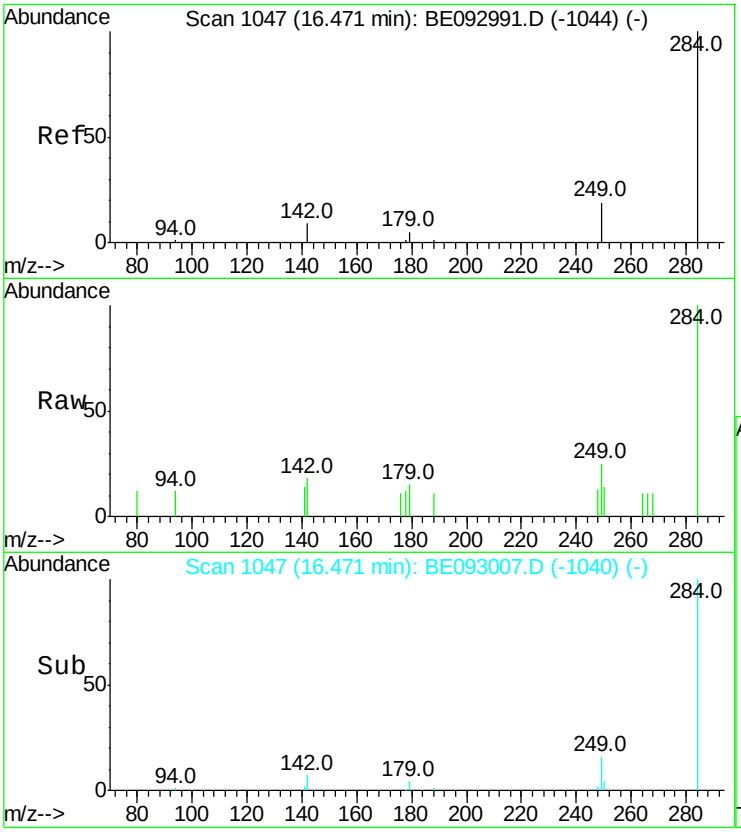


#20
4-Bromophenyl-phenylether
Concen: 0.33 ng
RT: 16.36 min Scan# 1043
Delta R.T. -0.00 min
Lab File: BE093007.D
Acq: 11 May 2017 22:28

Tgt Ion:248 Resp: 533

Ion	Ratio	Lower	Upper
248	100		
250	136.7	100.0	150.0
141	45.4	40.0	60.0



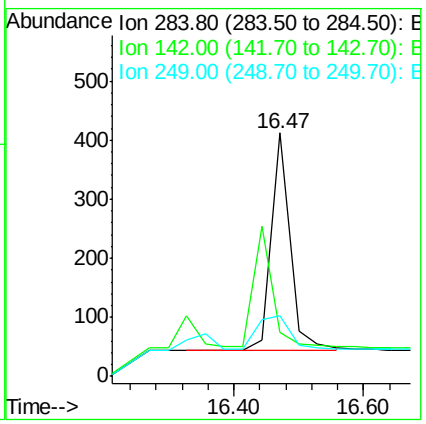


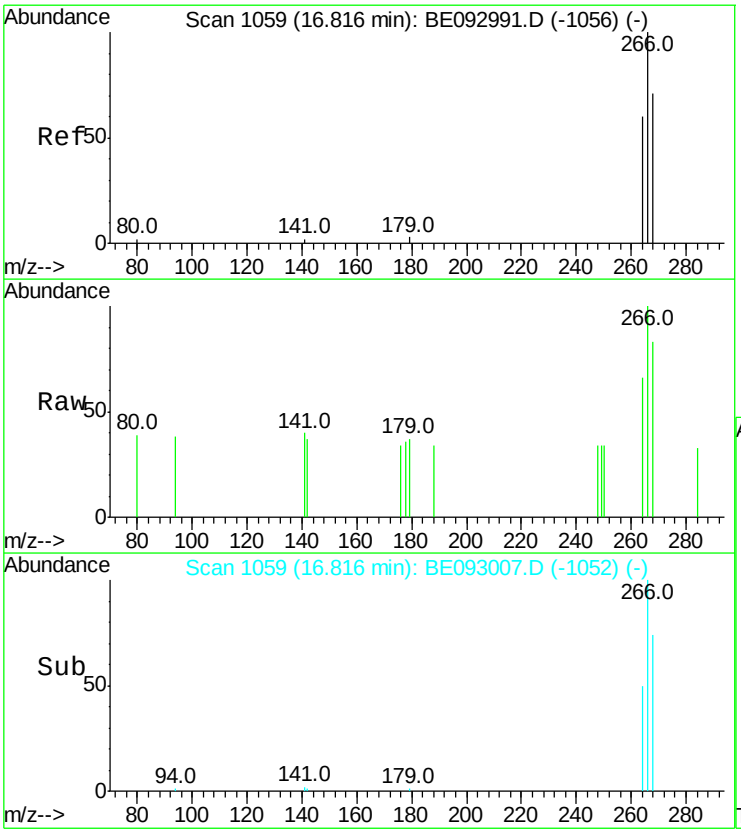
#21
Hexachlorobenzene
Concen: 0.28 ng
RT: 16.47 min Scan# 1047
Delta R.T. 0.01 min
Lab File: BE093007.D
Acq: 11 May 2017 22:28

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:284 Resp: 751

Ion	Ratio	Lower	Upper
284	100		
142	0.0	0.0	0.0
249	26.5	0.0	0.0#

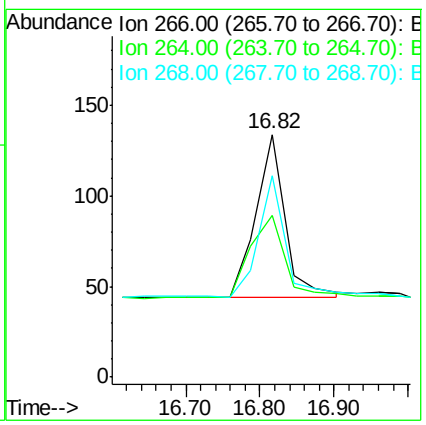


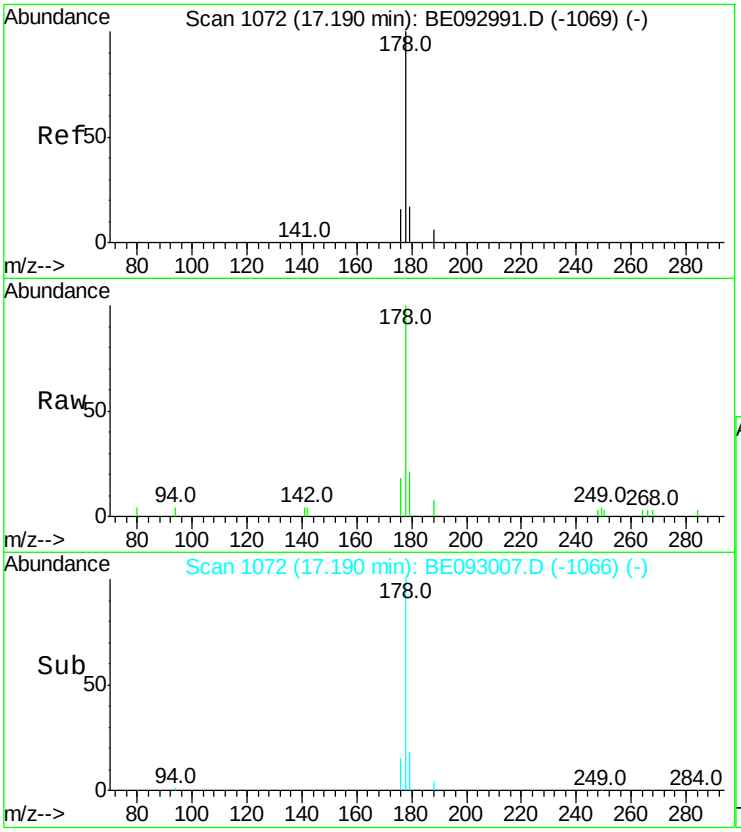


#22
Pentachlorophenol
Concen: 0.46 ng
RT: 16.82 min Scan# 1059
Delta R.T. 0.01 min
Lab File: BE093007.D
Acq: 11 May 2017 22:28

Tgt Ion:266 Resp: 245

Ion	Ratio	Lower	Upper
266	100		
264	66.4	58.2	87.2
268	82.8	71.9	107.9



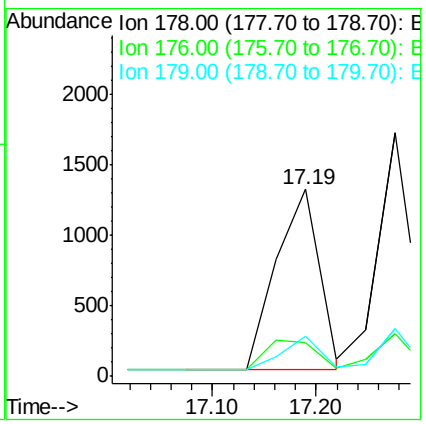


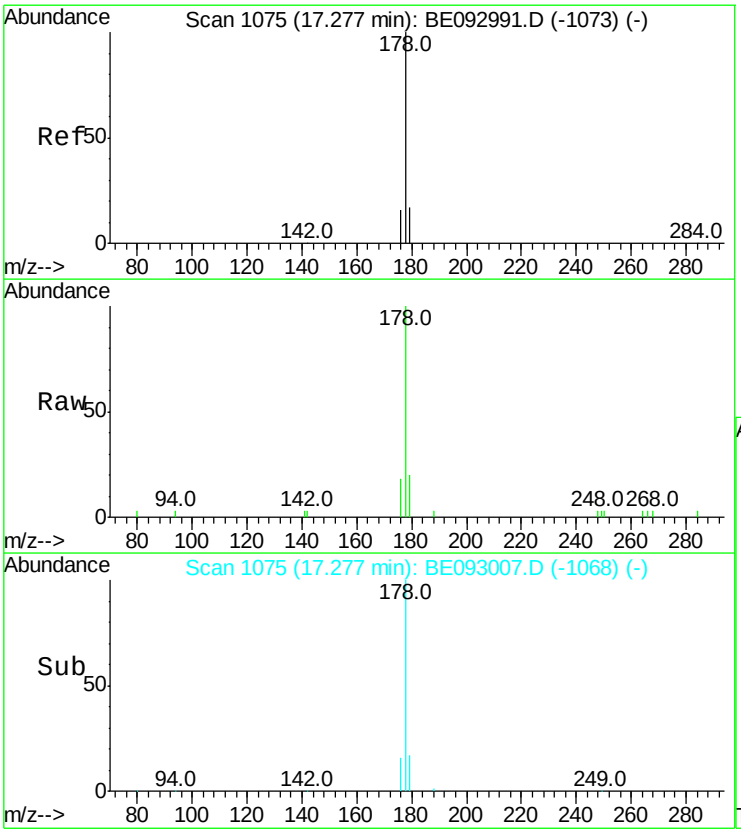
#23
Phenanthrene
Concen: 0.31 ng
RT: 17.19 min Scan# 1072
Delta R.T. 0.01 min
Lab File: BE093007.D
Acq: 11 May 2017 22:28

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:178 Resp: 3698

Ion	Ratio	Lower	Upper
178	100		
176	0.0	15.0	22.4#
179	15.8	12.7	19.1

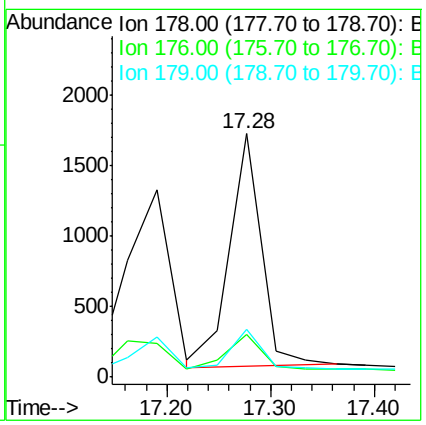


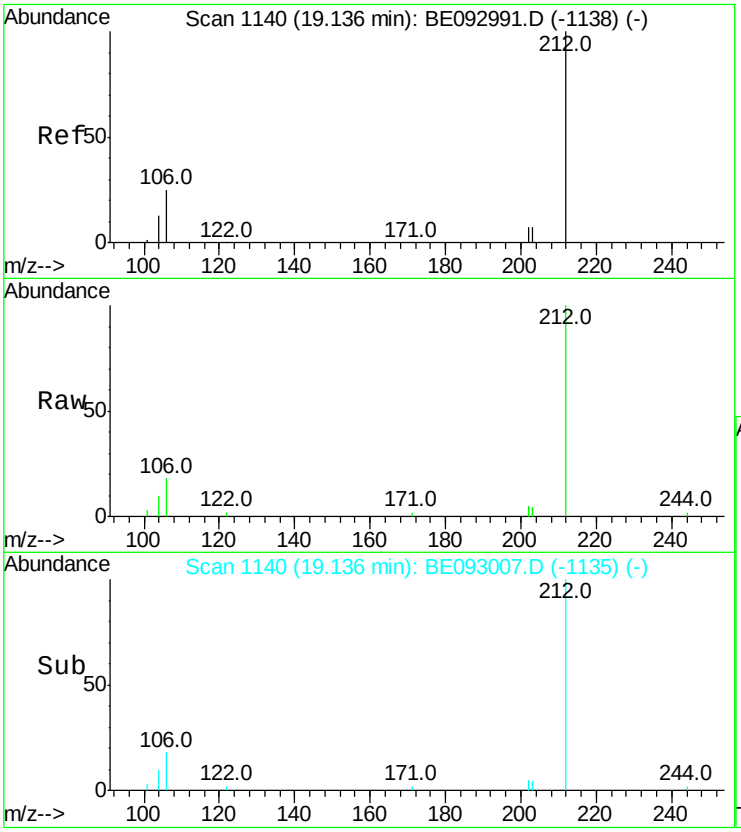


#24
Anthracene
Concen: 0.34 ng
RT: 17.28 min Scan# 1075
Delta R.T. 0.00 min
Lab File: BE093007.D
Acq: 11 May 2017 22:28

Tgt Ion:178 Resp: 3534

Ion	Ratio	Lower	Upper
178	100		
176	17.4	14.6	22.0
179	16.5	12.0	18.0



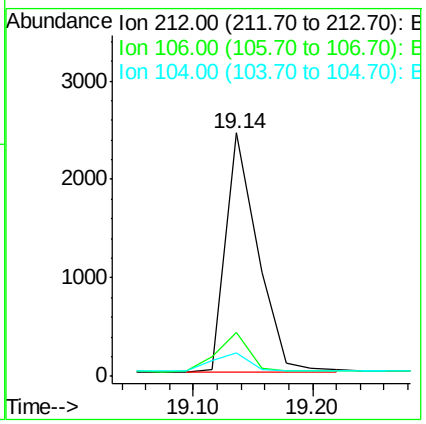


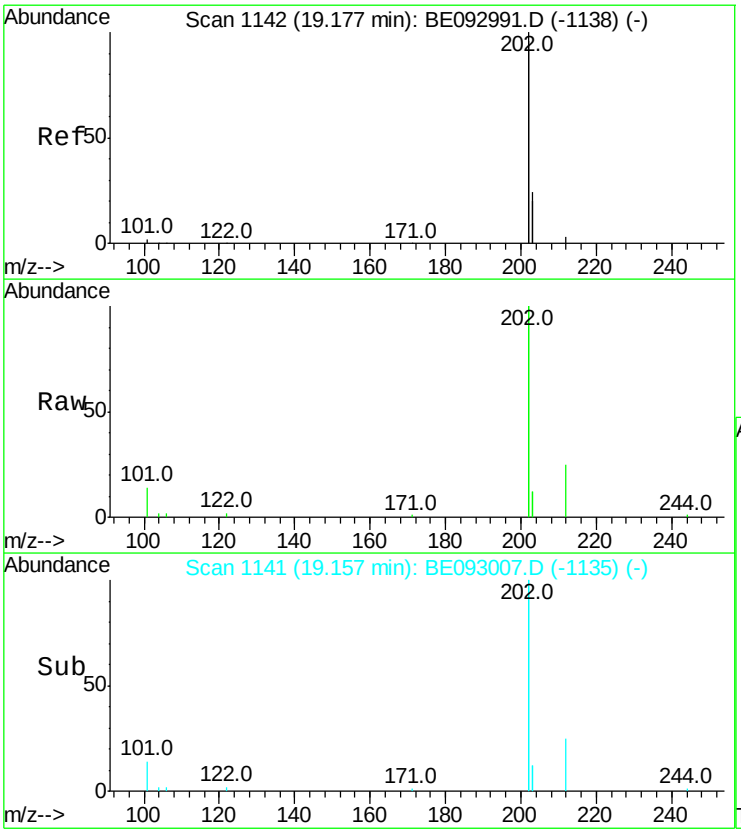
#25
Fluoranthene-d10
Concen: 0.34 ng
RT: 19.14 min Scan# 1140
Delta R.T. -0.01 min
Lab File: BE093007.D
Acq: 11 May 2017 22:28

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:212 Resp: 4523

Ion	Ratio	Lower	Upper
212	100		
106	16.2	0.0	0.0#
104	8.9	0.0	0.0#

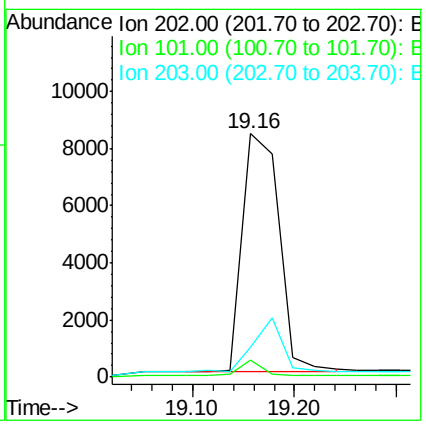


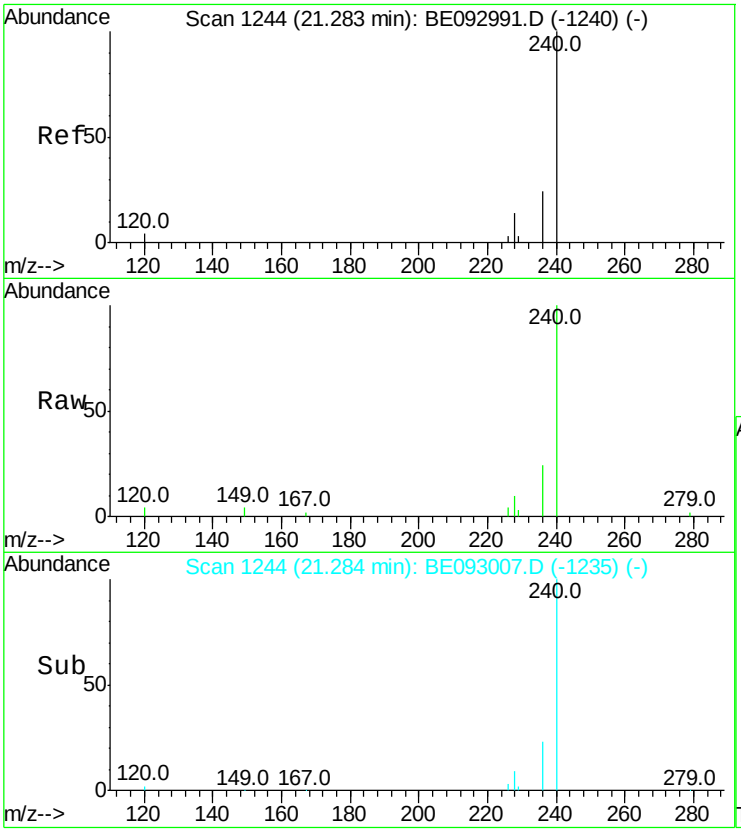


#26
Fluoranthene
Concen: 0.32 ng
RT: 19.16 min Scan# 1141
Delta R.T. -0.01 min
Lab File: BE093007.D
Acq: 11 May 2017 22:28

Tgt Ion:202 Resp: 21049

Ion	Ratio	Lower	Upper
202	100		
101	3.9	0.0	0.0#
203	0.0	14.4	21.6#



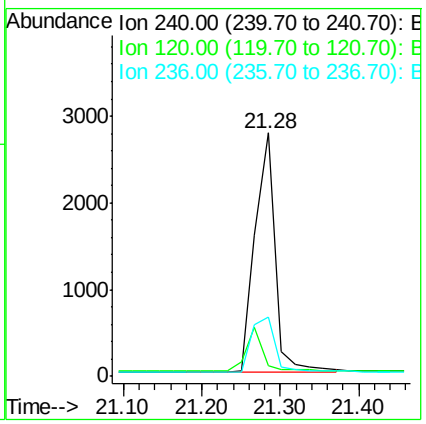


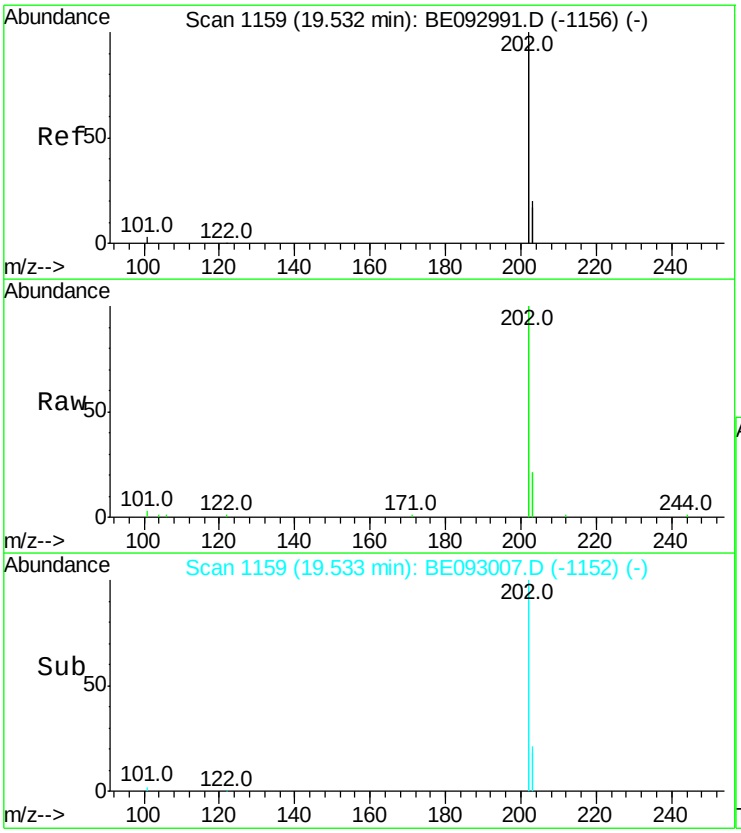
#27
Chrysene-d12
Concen: 0.40 ng
RT: 21.28 min Scan# 1244
Delta R.T. 0.00 min
Lab File: BE093007.D
Acq: 11 May 2017 22:28

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:240 Resp: 4993

Ion	Ratio	Lower	Upper
240	100		
120	4.3	4.6	7.0#
236	24.2	20.8	31.2

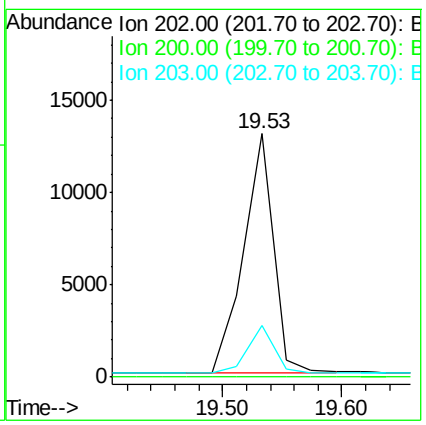


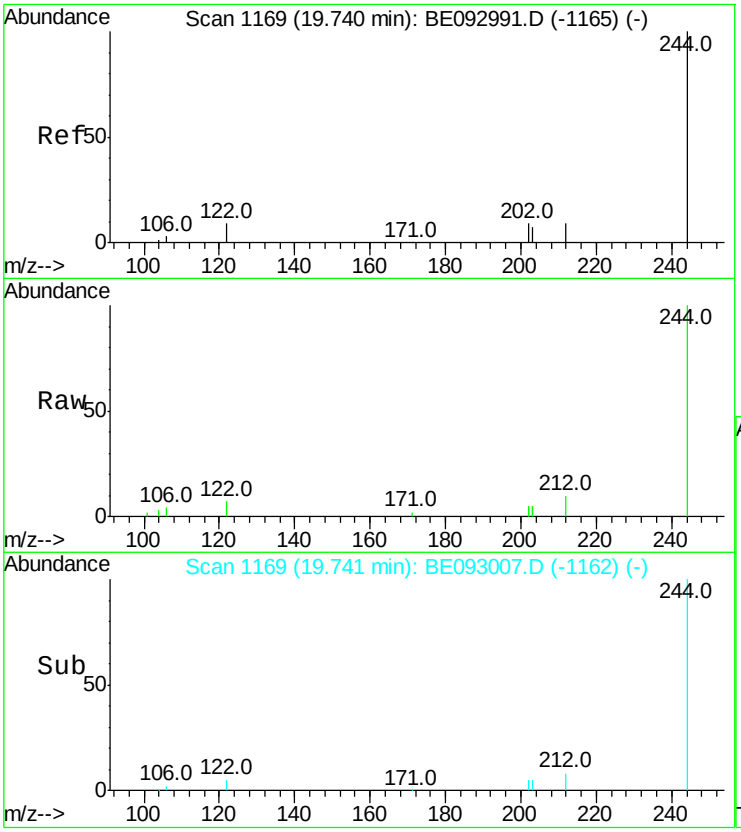


#28
Pyrene
Concen: 0.37 ng
RT: 19.53 min Scan# 1159
Delta R.T. 0.01 min
Lab File: BE093007.D
Acq: 11 May 2017 22:28

Tgt Ion:202 Resp: 22902

Ion	Ratio	Lower	Upper
202	100		
200	0.0	0.0	0.0
203	17.9	13.7	20.5



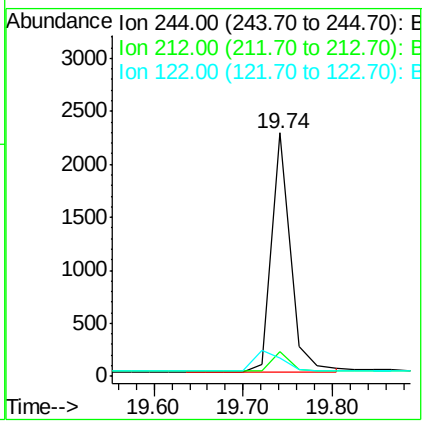


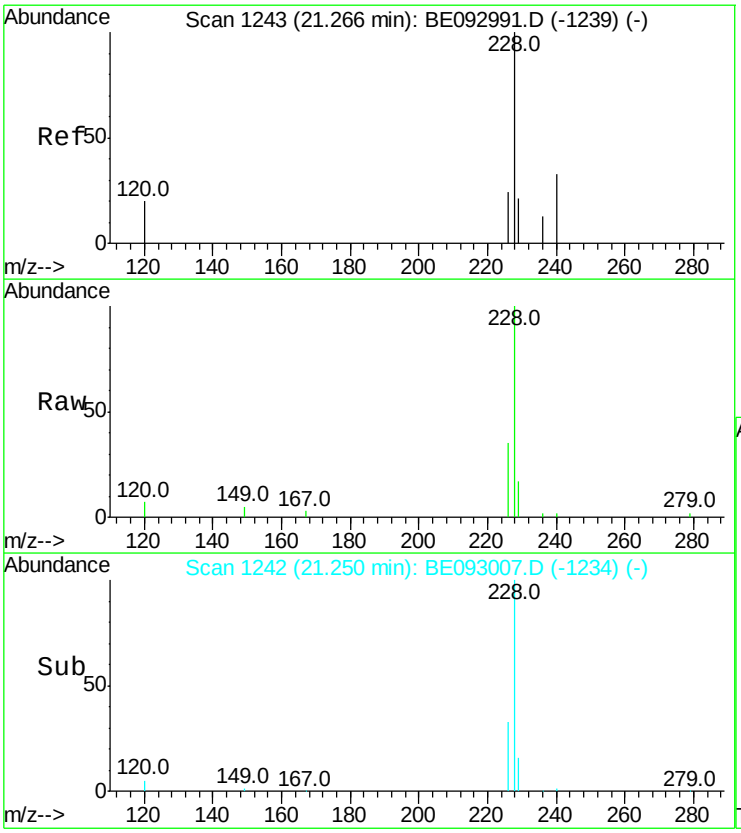
#29
Terphenyl-d14
Concen: 0.37 ng
RT: 19.74 min Scan# 1169
Delta R.T. 0.01 min
Lab File: BE093007.D
Acq: 11 May 2017 22:28

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:244 Resp: 3316

Ion	Ratio	Lower	Upper
244	100		
212	10.1	10.6	16.0#
122	7.3	15.4	23.0#

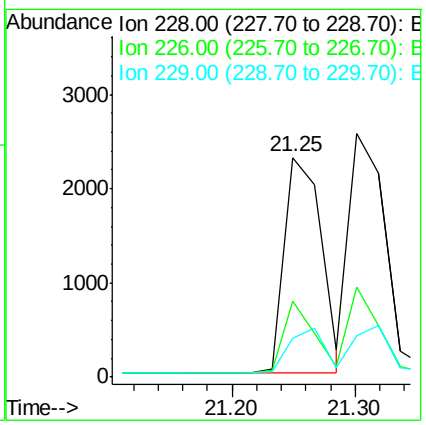


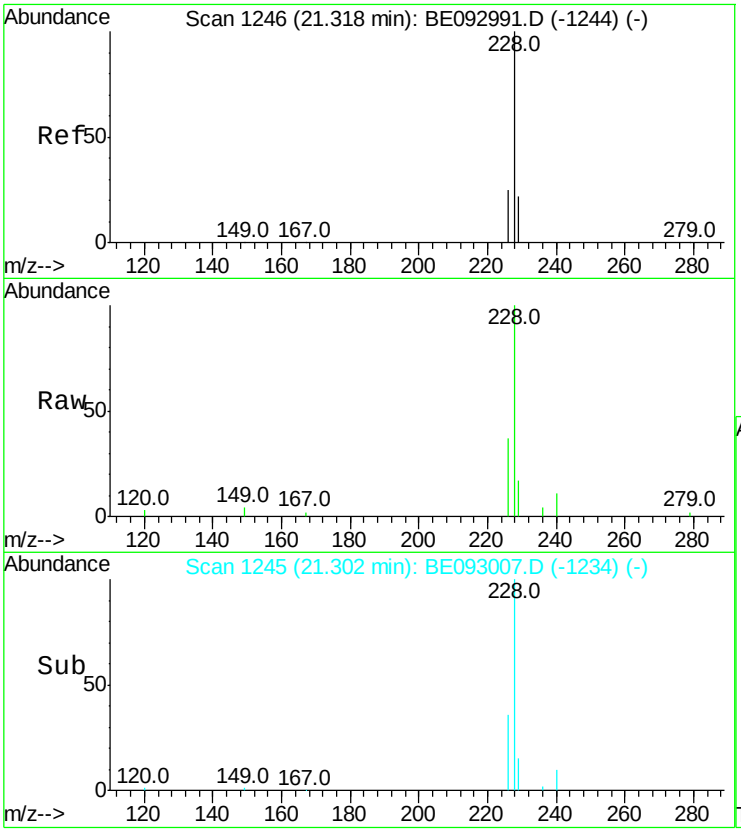


#30
Benzo(a)anthracene
Concen: 0.39 ng
RT: 21.25 min Scan# 1242
Delta R.T. -0.02 min
Lab File: BE093007.D
Acq: 11 May 2017 22:28

Tgt Ion:228 Resp: 4729

Ion	Ratio	Lower	Upper
228	100		
226	34.5	19.7	29.5#
229	17.4	19.2	28.8#



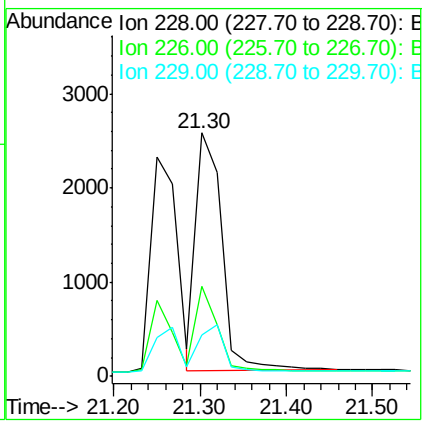


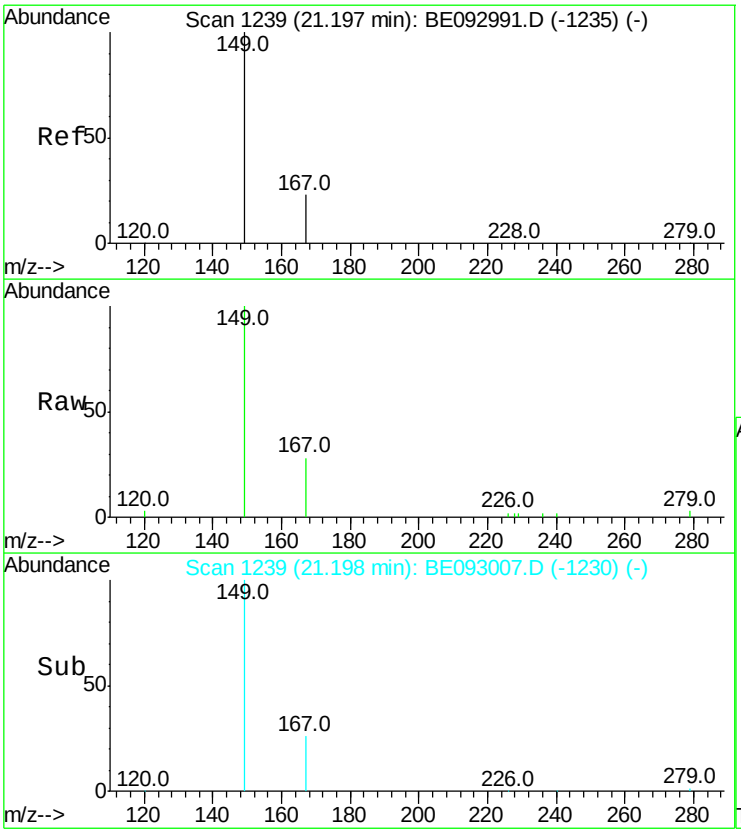
#31
Chrysene
Concen: 0.34 ng
RT: 21.30 min Scan# 1245
Delta R.T. -0.02 min
Lab File: BE093007.D
Acq: 11 May 2017 22:28

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:228 Resp: 5270

Ion	Ratio	Lower	Upper
228	100		
226	37.0	21.5	32.3#
229	17.1	18.6	28.0#

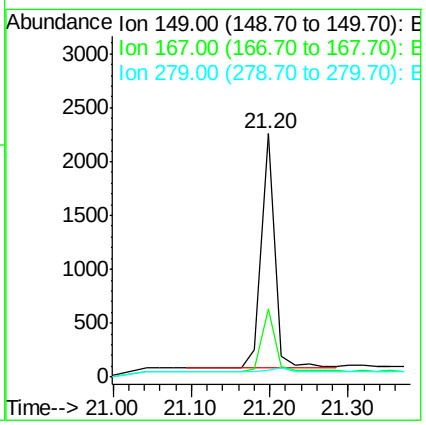


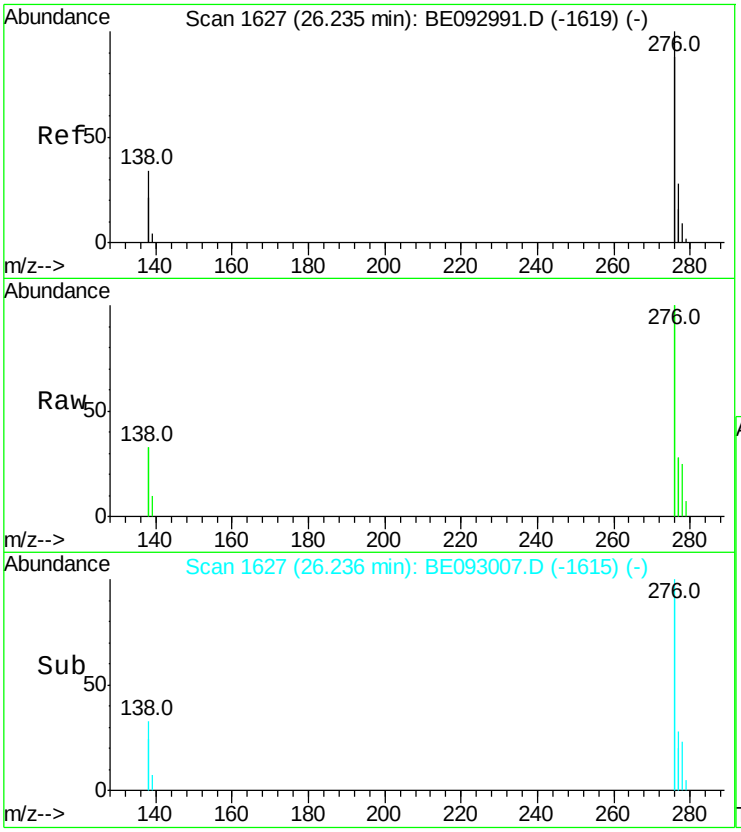


#32
Bis(2-ethylhexyl)phthalate
Concen: 0.53 ng
RT: 21.20 min Scan# 1239
Delta R.T. 0.00 min
Lab File: BE093007.D
Acq: 11 May 2017 22:28

Tgt Ion:149 Resp: 2636

Ion	Ratio	Lower	Upper
149	100		
167	26.2	20.1	30.1
279	2.4	2.2	3.4



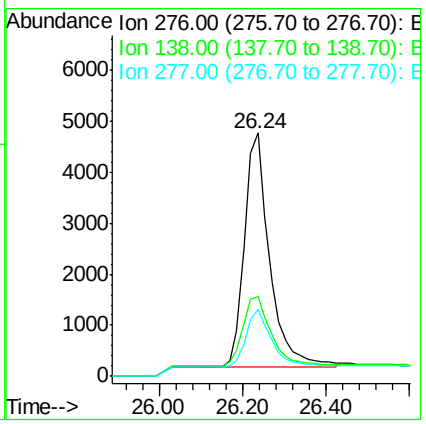


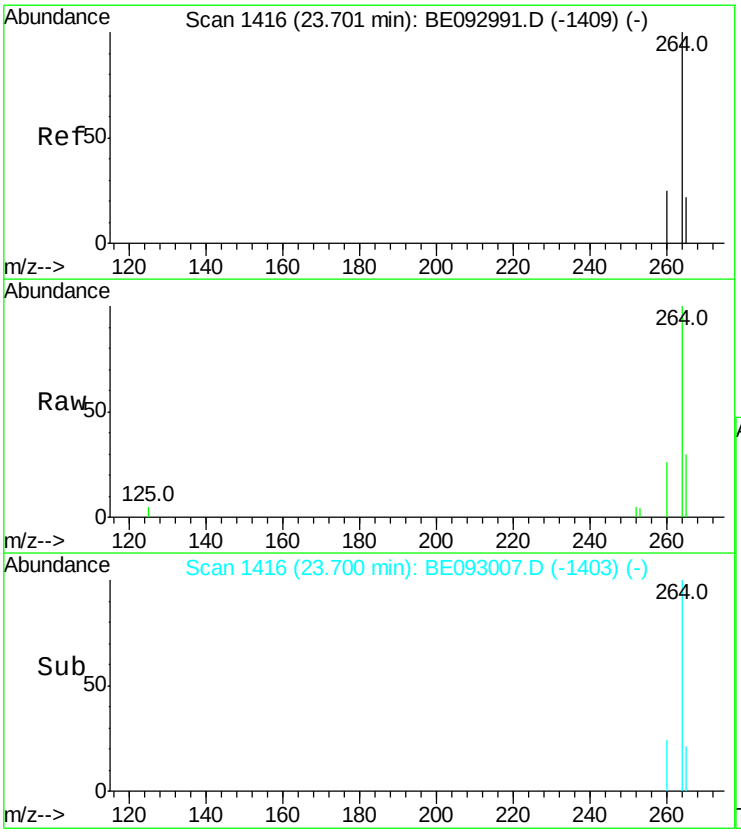
#33
Indeno(1,2,3-cd)pyrene
Concen: 0.40 ng
RT: 26.24 min Scan# 1627
Delta R.T. 0.00 min
Lab File: BE093007.D
Acq: 11 May 2017 22:28

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:276 Resp: 19482

Ion	Ratio	Lower	Upper
276	100		
138	33.0	27.4	41.2
277	24.7	20.1	30.1

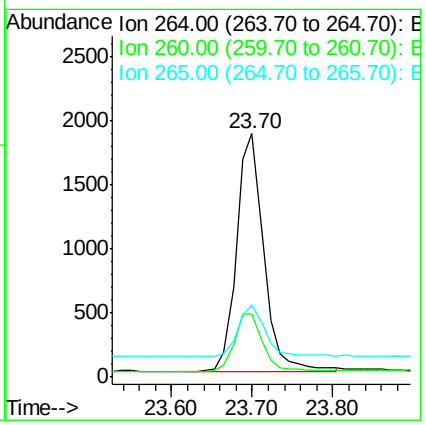


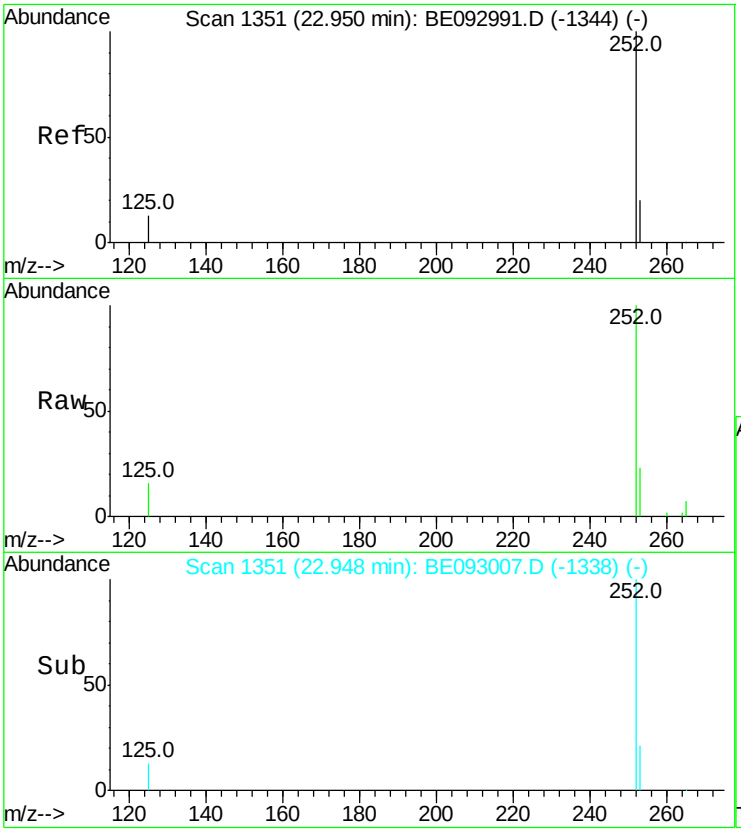


#34
Perylene-d12
Concen: 0.40 ng
RT: 23.70 min Scan# 1416
Delta R.T. -0.00 min
Lab File: BE093007.D
Acq: 11 May 2017 22:28

Tgt Ion:264 Resp: 4298

Ion	Ratio	Lower	Upper
264	100		
260	26.1	21.0	31.4
265	29.5	24.6	36.8



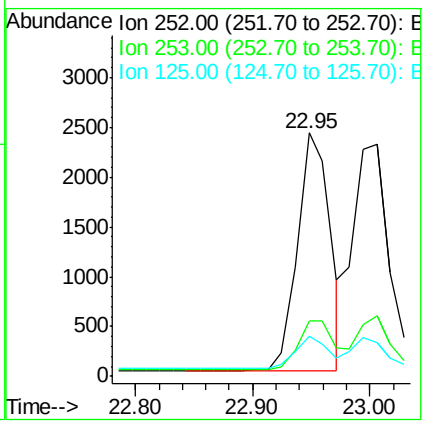


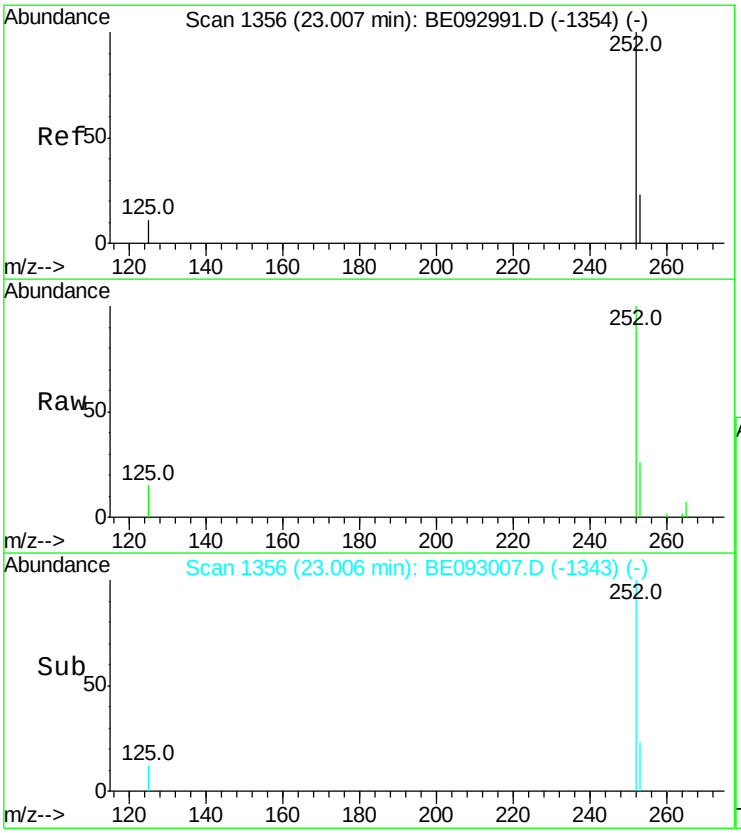
#35
Benzo(b)fluoranthene
Concen: 0.33 ng
RT: 22.95 min Scan# 1351
Delta R.T. -0.00 min
Lab File: BE093007.D
Acq: 11 May 2017 22:28

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:252 Resp: 4601

Ion	Ratio	Lower	Upper
252	100		
253	23.0	18.5	27.7
125	16.2	13.4	20.0

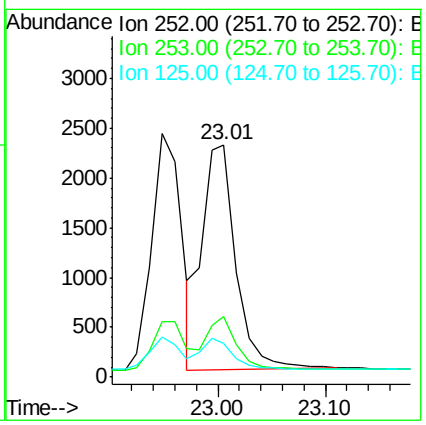


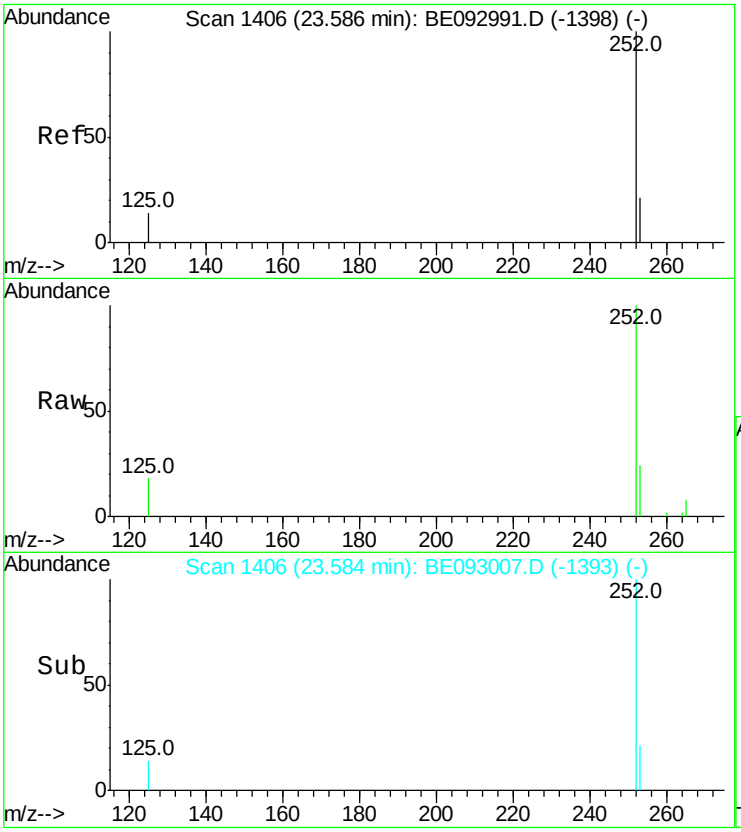


#36
Benzo(k)fluoranthene
Concen: 0.35 ng
RT: 23.01 min Scan# 1356
Delta R.T. -0.00 min
Lab File: BE093007.D
Acq: 11 May 2017 22:28

Tgt Ion:252 Resp: 4886

Ion	Ratio	Lower	Upper
252	100		
253	25.8	20.3	30.5
125	14.7	12.2	18.4



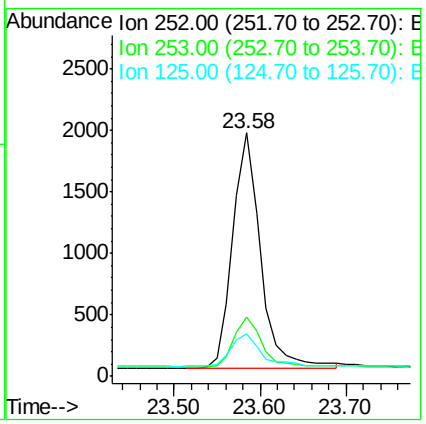


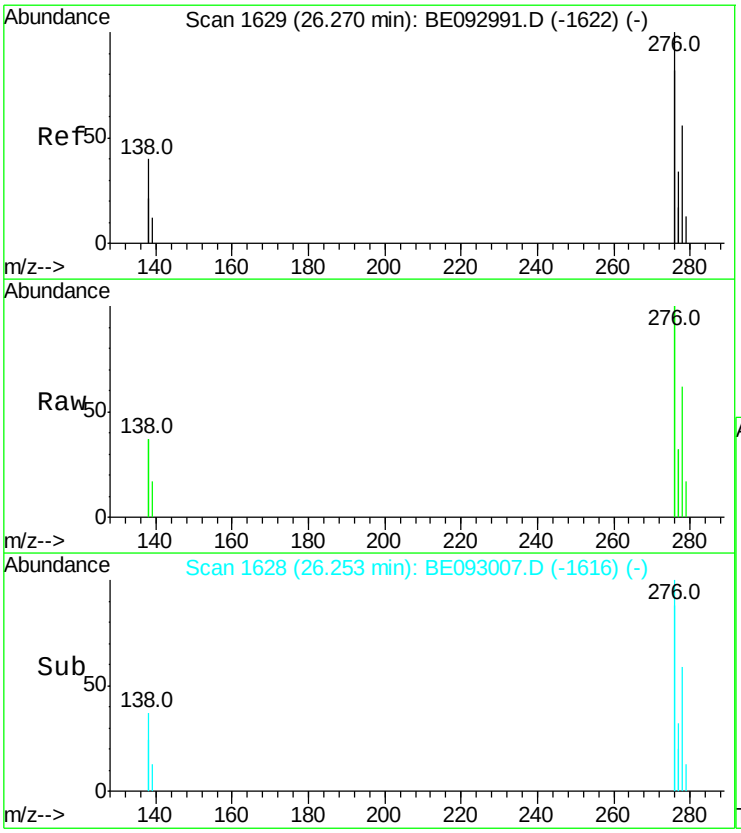
#37
Benzo(a)pyrene
Concen: 0.36 ng
RT: 23.58 min Scan# 1406
Delta R.T. -0.00 min
Lab File: BE093007.D
Acq: 11 May 2017 22:28

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:252 Resp: 4308

Ion	Ratio	Lower	Upper
252	100		
253	24.3	19.9	29.9
125	17.6	14.6	21.8

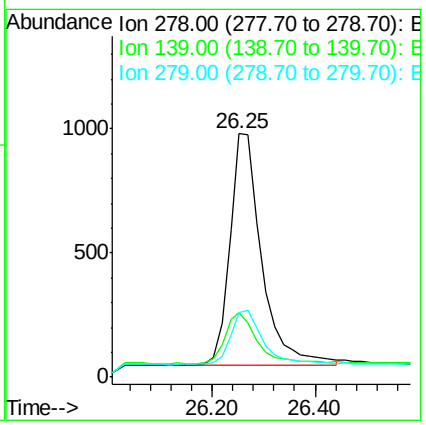


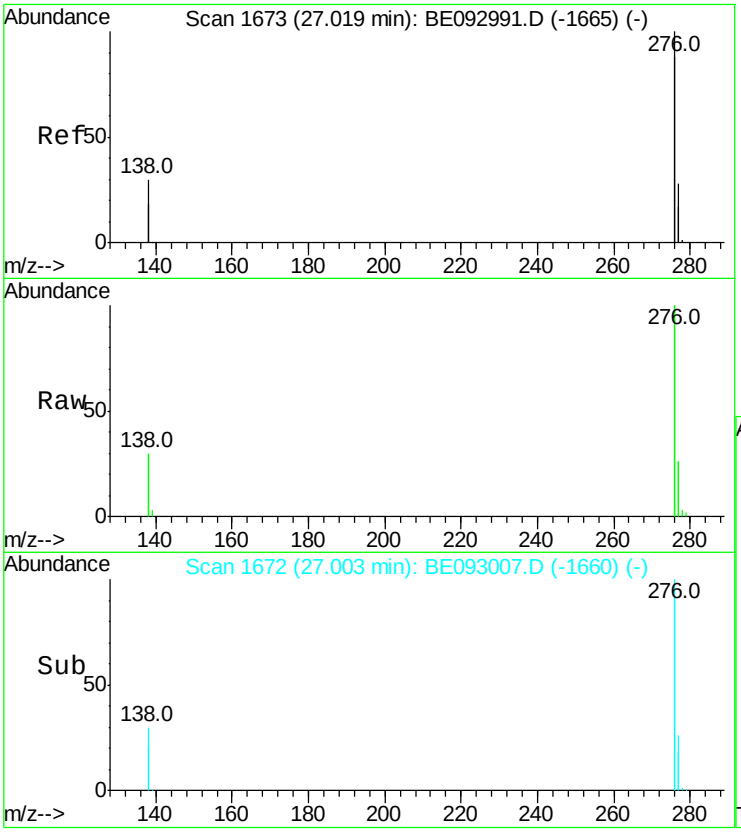


#38
Dibenzo(a,h)anthracene
Concen: 0.37 ng
RT: 26.25 min Scan# 1628
Delta R.T. 0.00 min
Lab File: BE093007.D
Acq: 11 May 2017 22:28

Tgt Ion:278 Resp: 4057

Ion	Ratio	Lower	Upper
278	100		
139	26.7	21.4	32.0
279	26.7	22.2	33.2





#39
Benzo(g,h,i)perylene
Concen: 0.36 ng
RT: 27.00 min Scan# 1672
Delta R.T. 0.00 min
Lab File: BE093007.D
Acq: 11 May 2017 22:28

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:276 Resp: 17911

Ion	Ratio	Lower	Upper
276	100		
277	26.2	21.2	31.8
138	30.0	24.5	36.7