Data Path : Z:\HPCHEM1\BNA_E\DATA\BE062217\

Quantitation Report (Not Reviewed)

Data File : BE093327.D
Acq On : 22 Jun 2017 14:20
Operator : SJ/JU
Sample : PB99833BS
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument : BNA_E
ClientSampleId : PB99833BS

Quant Time: Jun 23 07:11:31 2017
Quant Method : Z:\HPCHEM1\BNA_E\METHODS\8270-SIM-BE061217.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Jun 12 14:07:54 2017
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.73	152	206	0.40	ng		-0.02
7) Naphthalene-d8	10.51	136	909	0.40	ng		-0.02
13) Acenaphthene-d10	14.37	164	407	0.40	ng		0.00
19) Phenanthrene-d10	17.13	188	747	0.40	ng		0.00
27) Chrysene-d12	21.25	240	1235	0.40	ng		-0.02
34) Perylene-d12	23.67	264	1064	0.40	ng		0.00
System Monitoring Compounds							
4) 2-Fluorophenol	5.35	112	239	0.39	ng		0.00
5) Phenol-d6	6.90	99	818	0.92	ng		0.00
8) Nitrobenzene-d5	8.88	82	283	0.39	ng		0.00
11) 2-Methylnaphthalene-d10	12.10	152	464	0.34	ng		-0.01
14) 2,4,6-Tribromophenol	15.85	330	46	0.50	ng		0.00
15) 2-Fluorobiphenyl	12.99	172	629	0.36	ng		0.00
25) Fluoranthene-d10	19.11	212	859	0.35	ng		0.00
29) Terphenyl-d14	19.72	244	778	0.33	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.30	88	99	0.22	ng	#	22
3) n-Nitrosodimethylamine	3.59	42	130	0.33	ng	#	98
6) bis(2-Chloroethyl)ether	7.15	93	260	0.33	ng	#	98
9) Naphthalene	10.56	128	776	0.32	ng	#	87
10) Hexachlorobutadiene	10.87	225	107	0.32	ng		98
12) 2-Methylnaphthalene	12.18	142	487	0.32	ng		96
16) Acenaphthylene	14.08	152	2422	0.34	ng		100
17) Acenaphthene	14.42	154	437	0.33	ng		92
18) Fluorene	15.41	166	498	0.31	ng		98
20) 4-Bromophenyl-phenylether	16.33	248	133	0.29	ng		92
21) Hexachlorobenzene	16.44	284	124	0.31	ng	#	100
22) Pentachlorophenol	16.79	266	109	0.84	ng		88
23) Phenanthrene	17.16	178	1065	0.32	ng		99
24) Anthracene	17.25	178	943	0.33	ng		99
26) Fluoranthene	19.16	202	3897	0.32	ng	#	99
28) Pyrene	19.51	202	4385	0.29	ng	#	96
30) Benzo(a)anthracene	21.23	228	1195	0.36	ng	#	88
31) Chrysene	21.28	228	1174	0.33	ng	#	88
32) Bis(2-ethylhexyl)phthalate	21.16	149	372	0.27	ng	#	99
33) Indeno(1,2,3-cd)pyrene	26.17	276	4860	0.37	ng		99
35) Benzo(b)fluoranthene	22.93	252	1249	0.37	ng	#	90
36) Benzo(k)fluoranthene	22.97	252	1044	0.32	ng	#	93
37) Benzo(a)pyrene	23.55	252	989	0.33	ng	#	89
38) Dibenzo(a,h)anthracene	26.20	278	1011	0.33	ng	#	91
39) Benzo(g,h,i)perylene	26.95	276	4120	0.33	ng	#	87

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

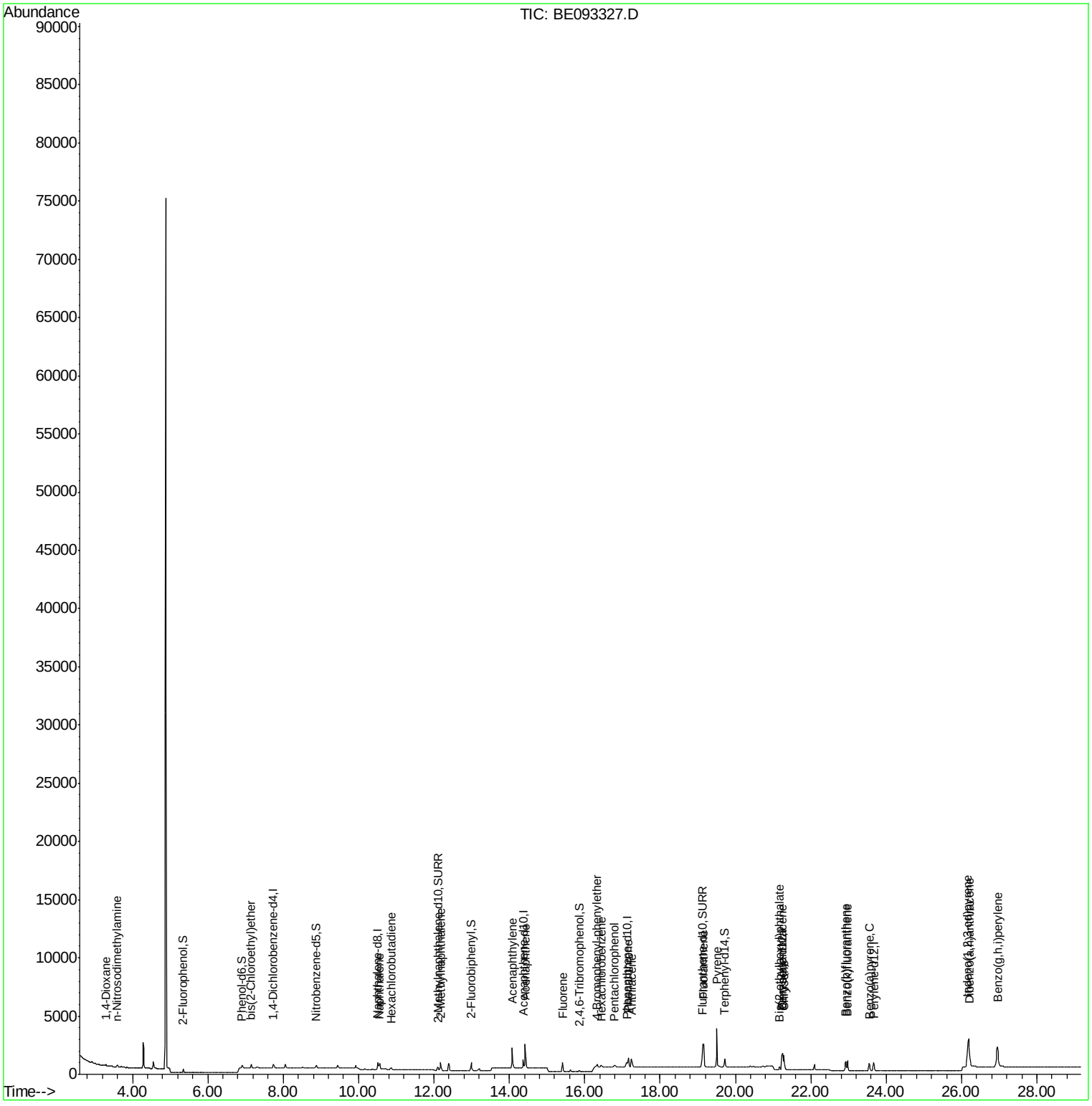
Data Path : Z:\HPCHEM1\BNA_E\DATA\BE062217\

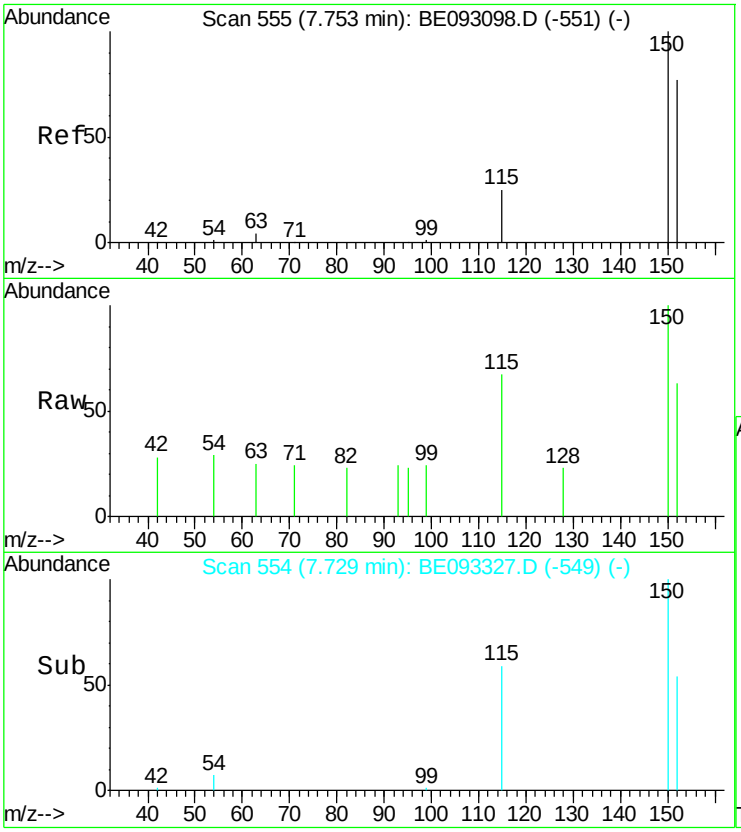
Quantitation Report (Not Reviewed)

Data File : BE093327.D
Acq On : 22 Jun 2017 14:20
Operator : SJ/JU
Sample : PB99833BS
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :
BNA_E
ClientSampleId :
PB99833BS

Quant Time: Jun 23 07:11:31 2017
Quant Method : Z:\HPCHEM1\BNA_E\METHODS\8270-SIM-BE061217.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Jun 12 14:07:54 2017
Response via : Initial Calibration



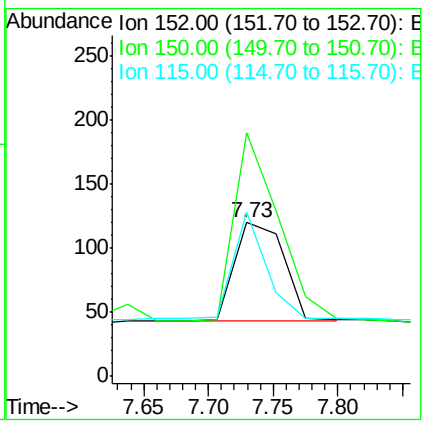


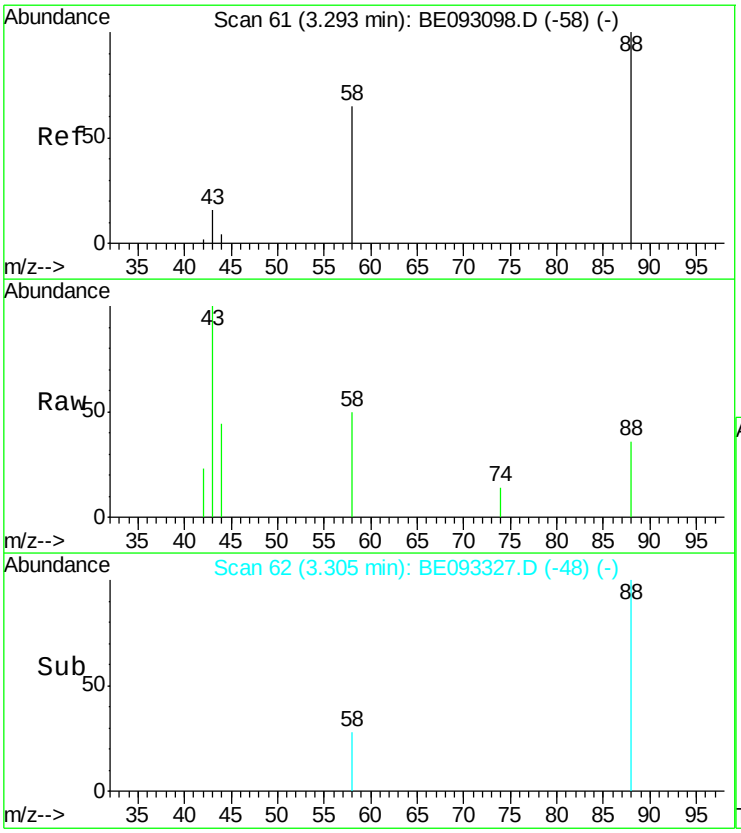
#1
1,4-Dichlorobenzene-d4
Concen: 0.40 ng
RT: 7.73 min Scan# 554
Delta R.T. -0.02 min
Lab File: BE093327.D
Acq: 22 Jun 2017 14:20

Instrument :
BNA_E
ClientSampleId :
PB99833BS

Tgt Ion:152 Resp: 206

Ion	Ratio	Lower	Upper
152	100		
150	158.3	125.1	187.7
115	106.7	55.7	83.5#

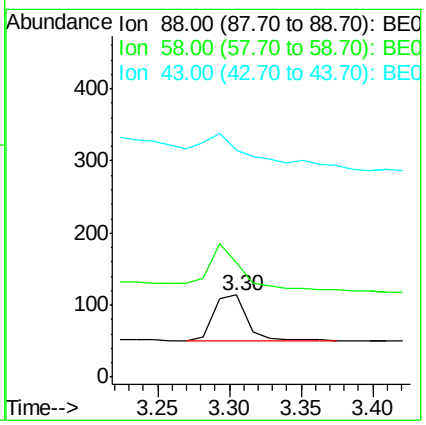


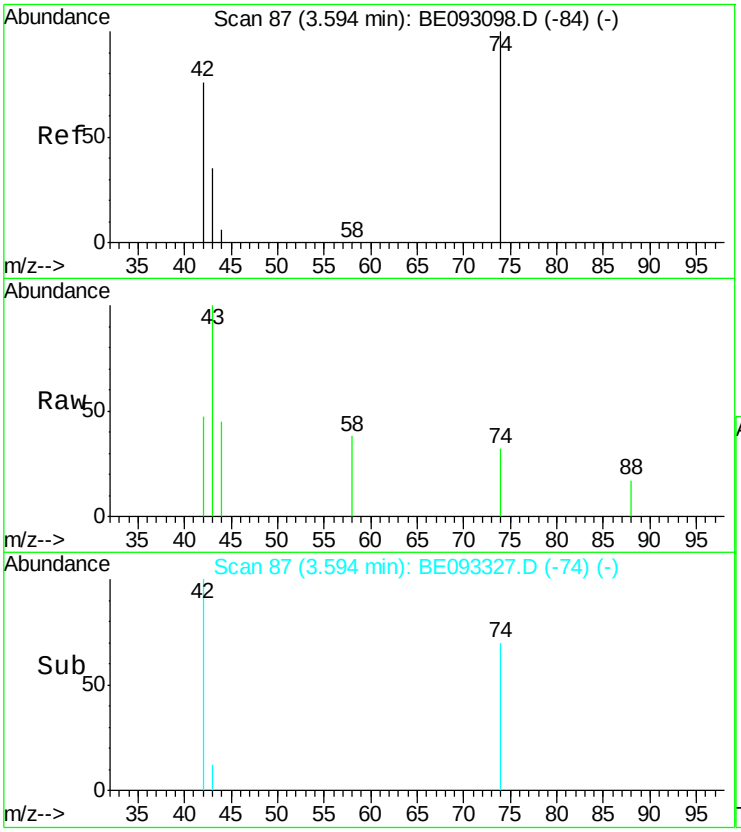


#2
1,4-Dioxane
Concen: 0.22 ng
RT: 3.30 min Scan# 62
Delta R.T. 0.01 min
Lab File: BE093327.D
Acq: 22 Jun 2017 14:20

Tgt Ion: 88 Resp: 99

Ion	Ratio	Lower	Upper
88	100		
58	111.1	62.2	93.4#
43	127.3	23.2	34.8#



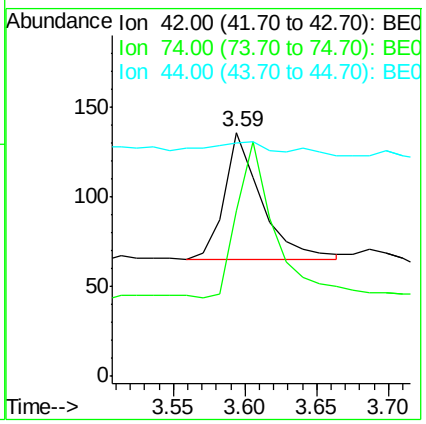


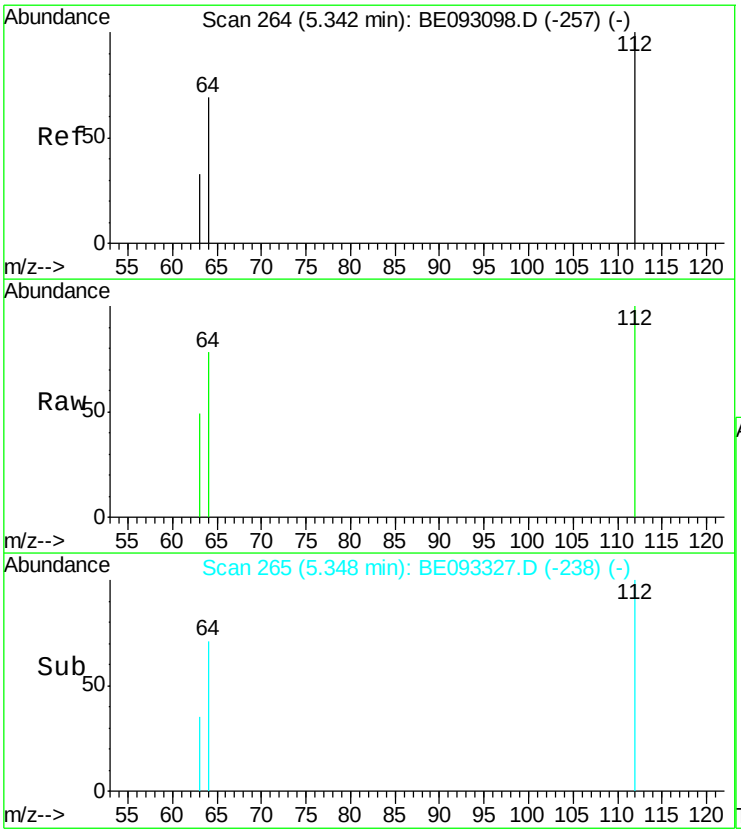
#3
n-Nitrosodimethylamine
Concen: 0.33 ng
RT: 3.59 min Scan# 87
Delta R.T. 0.00 min
Lab File: BE093327.D
Acq: 22 Jun 2017 14:20

Instrument :
BNA_E
ClientSampleId :
PB99833BS

Tgt Ion: 42 Resp: 130

Ion	Ratio	Lower	Upper
42	100		
74	124.6	99.1	148.7
44	16.9	7.4	11.2#

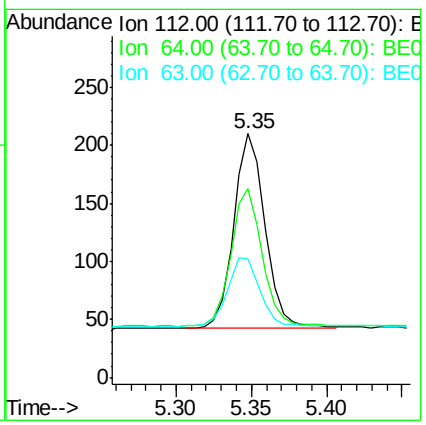


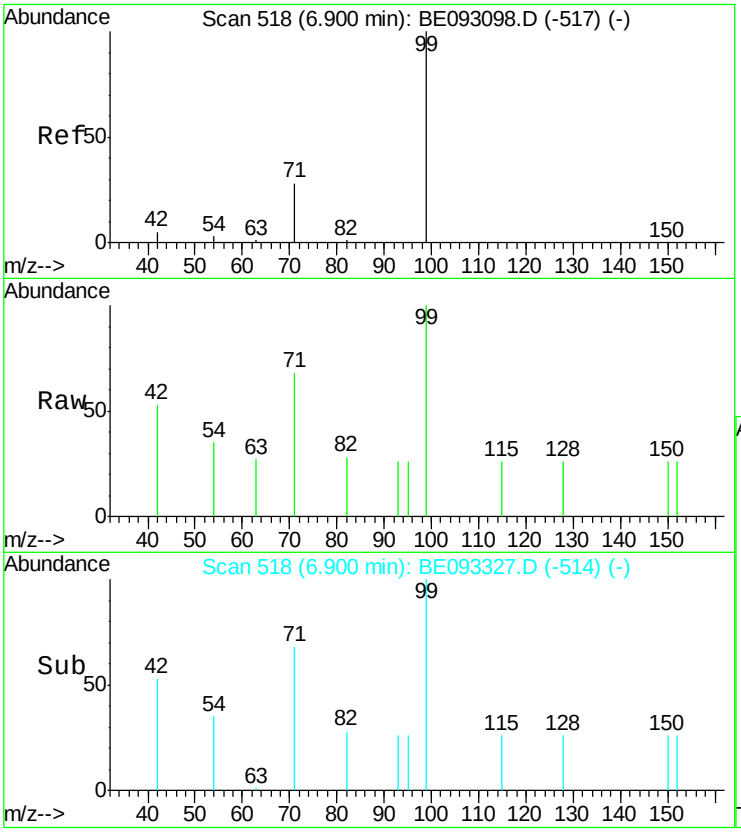


#4
2-Fluorophenol
Concen: 0.39 ng
RT: 5.35 min Scan# 265
Delta R.T. 0.01 min
Lab File: BE093327.D
Acq: 22 Jun 2017 14:20

Tgt Ion:112 Resp: 239

Ion	Ratio	Lower	Upper
112	100		
64	72.4	56.4	84.6
63	36.8	29.3	43.9



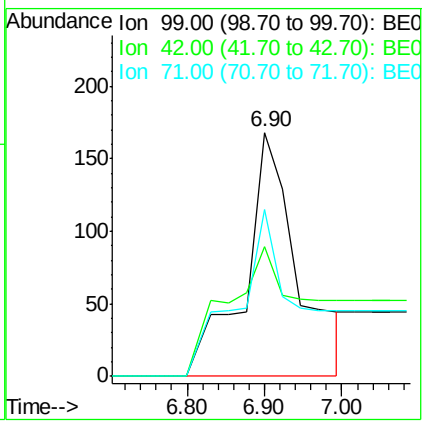


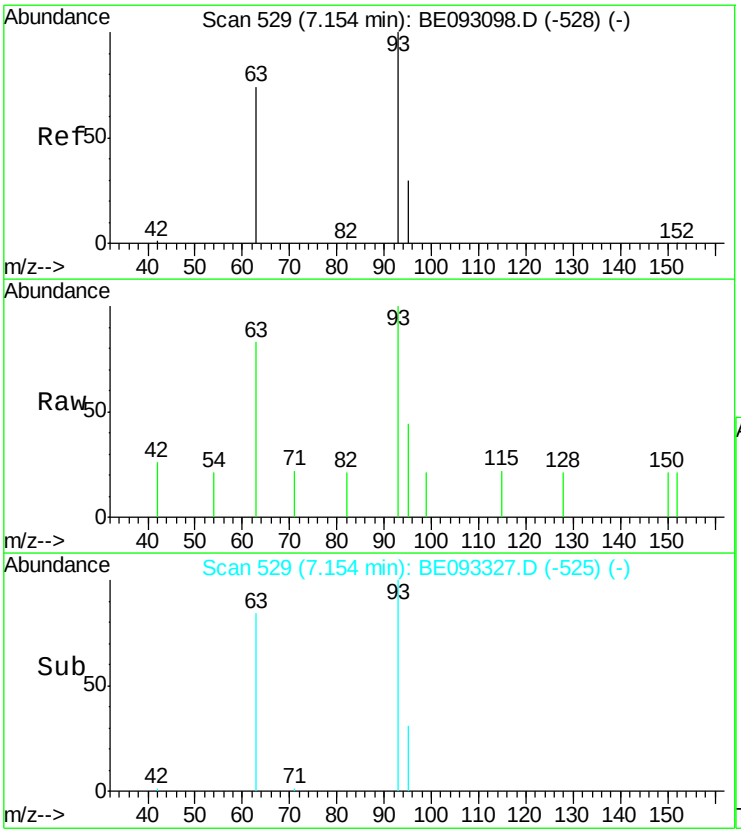
#5
Phenol-d6
Concen: 0.92 ng
RT: 6.90 min Scan# 518
Delta R.T. -0.00 min
Lab File: BE093327.D
Acq: 22 Jun 2017 14:20

Instrument :
BNA_E
ClientSampleId :
PB99833BS

Tgt Ion: 99 Resp: 818

Ion	Ratio	Lower	Upper
99	100		
42	73.1	0.0	0.0#
71	70.8	0.0	0.0#

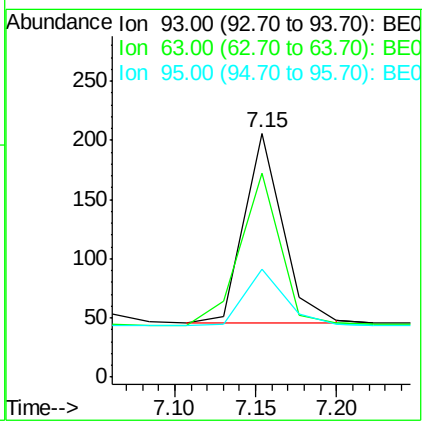


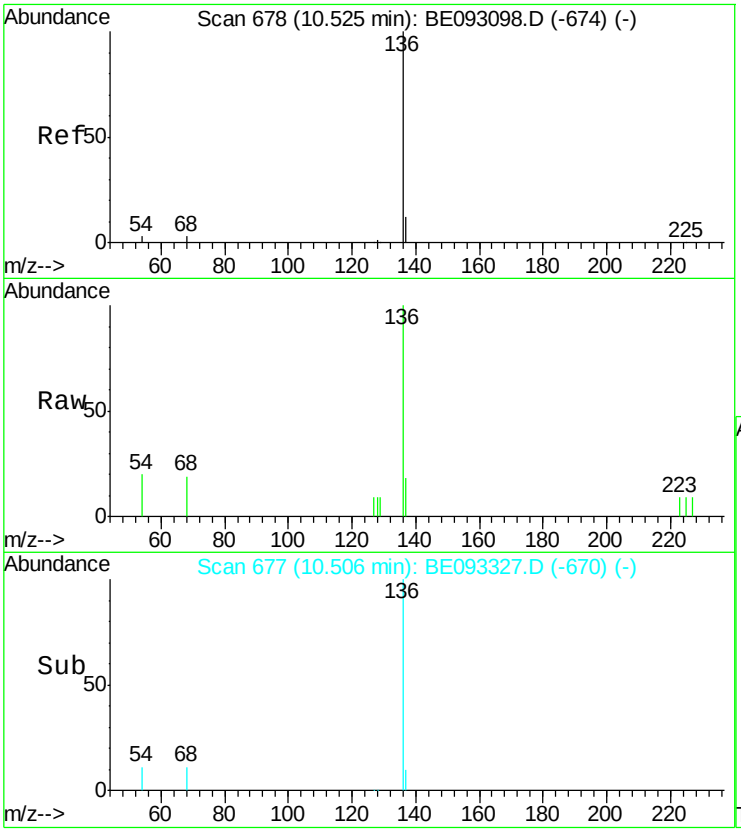


#6
bis(2-Chloroethyl)ether
Concen: 0.33 ng
RT: 7.15 min Scan# 529
Delta R.T. -0.00 min
Lab File: BE093327.D
Acq: 22 Jun 2017 14:20

Tgt Ion: 93 Resp: 260

Ion	Ratio	Lower	Upper
93	100		
63	83.8	0.0	0.0#
95	30.8	25.4	38.0



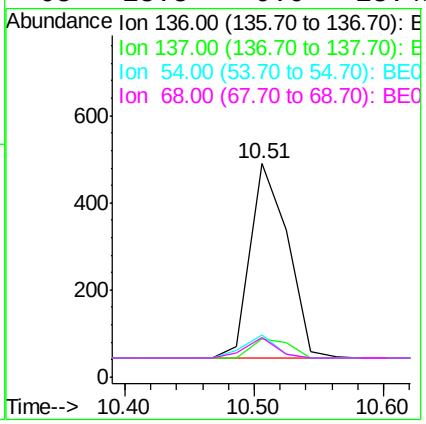


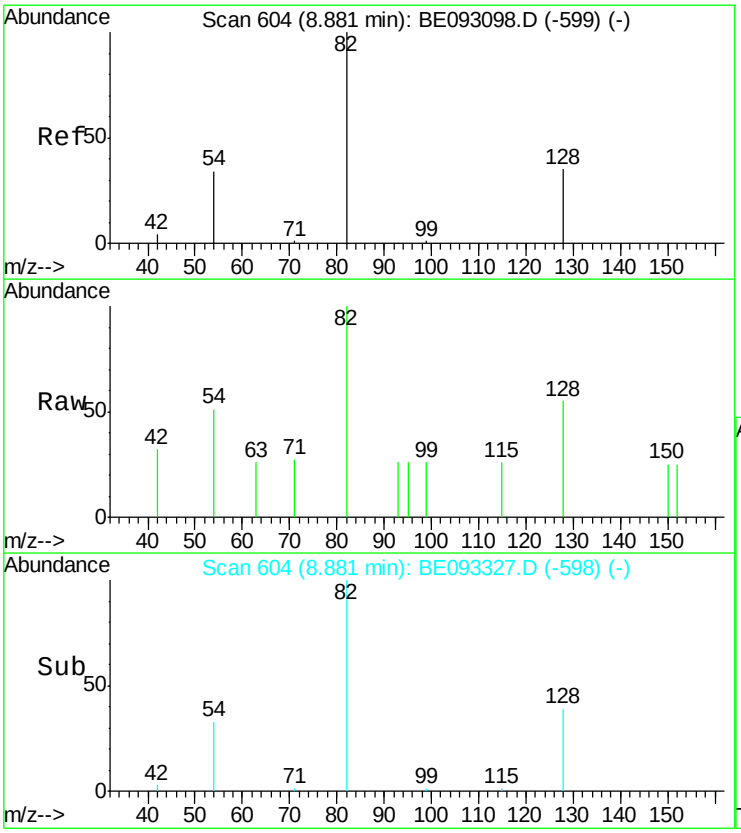
#7
Naphthalene-d8
Concen: 0.40 ng
RT: 10.51 min Scan# 677
Delta R.T. -0.02 min
Lab File: BE093327.D
Acq: 22 Jun 2017 14:20

Instrument :
BNA_E
ClientSampleId :
PB99833BS

Tgt Ion:136 Resp: 909

Ion	Ratio	Lower	Upper
136	100		
137	18.0	9.8	14.8#
54	20.0	10.3	15.5#
68	18.8	9.0	13.4#

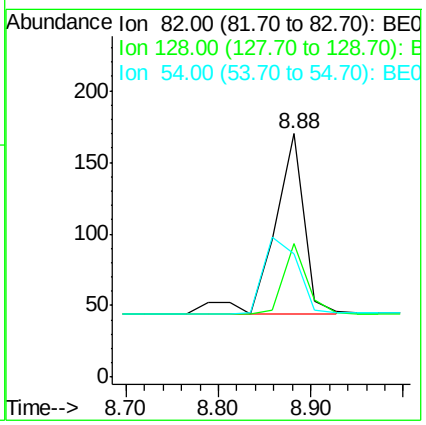


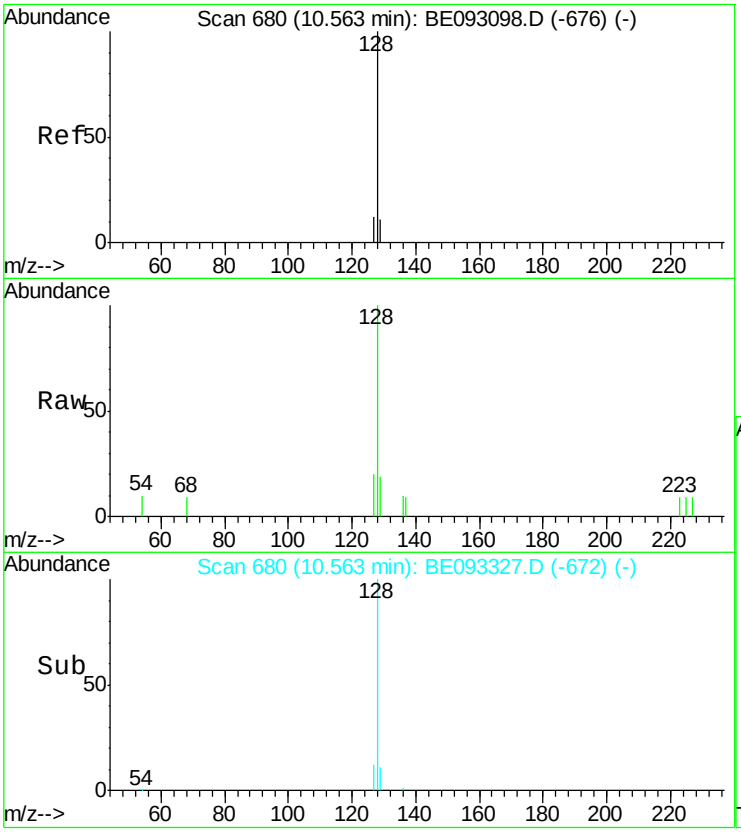


#8
Nitrobenzene-d5
Concen: 0.39 ng
RT: 8.88 min Scan# 604
Delta R.T. -0.00 min
Lab File: BE093327.D
Acq: 22 Jun 2017 14:20

Tgt Ion: 82 Resp: 283

Ion	Ratio	Lower	Upper
82	100		
128	54.7	17.0	25.4#
54	50.6	53.8	80.6#



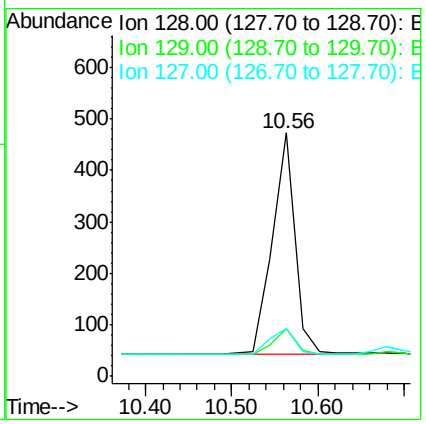


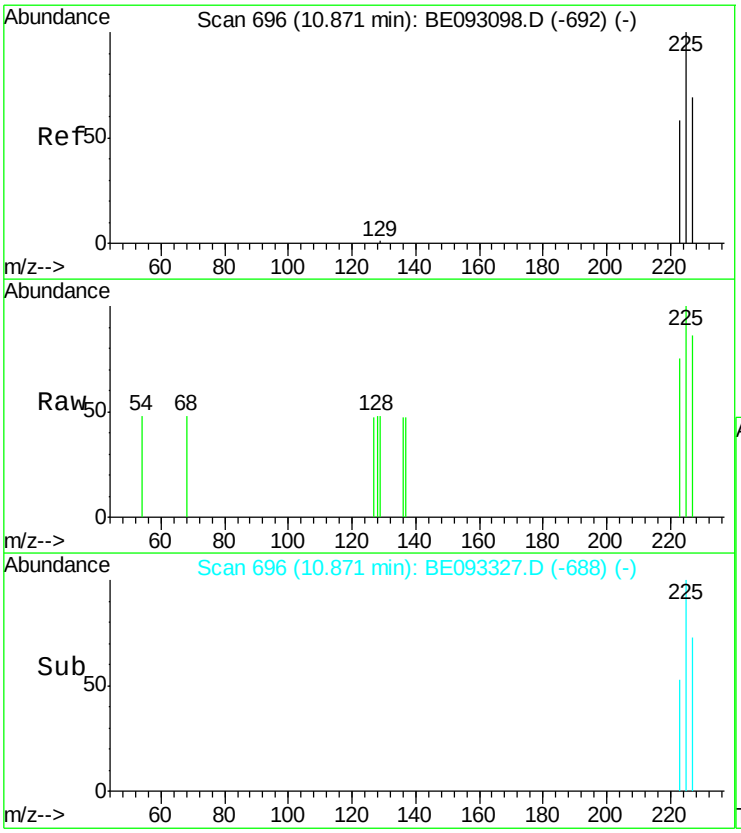
#9
Naphthalene
Concen: 0.32 ng
RT: 10.56 min Scan# 680
Delta R.T. -0.00 min
Lab File: BE093327.D
Acq: 22 Jun 2017 14:20

Instrument :
BNA_E
ClientSampleId :
PB99833BS

Tgt Ion:128 Resp: 776

Ion	Ratio	Lower	Upper
128	100		
129	19.5	11.4	17.0#
127	19.7	11.2	16.8#

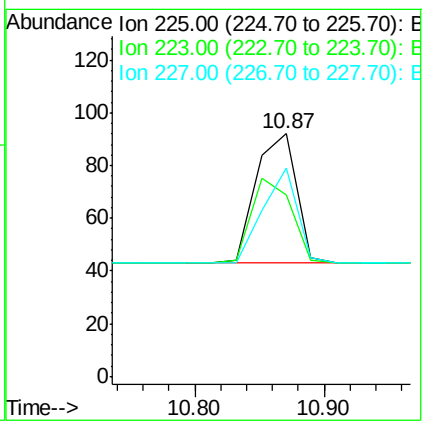


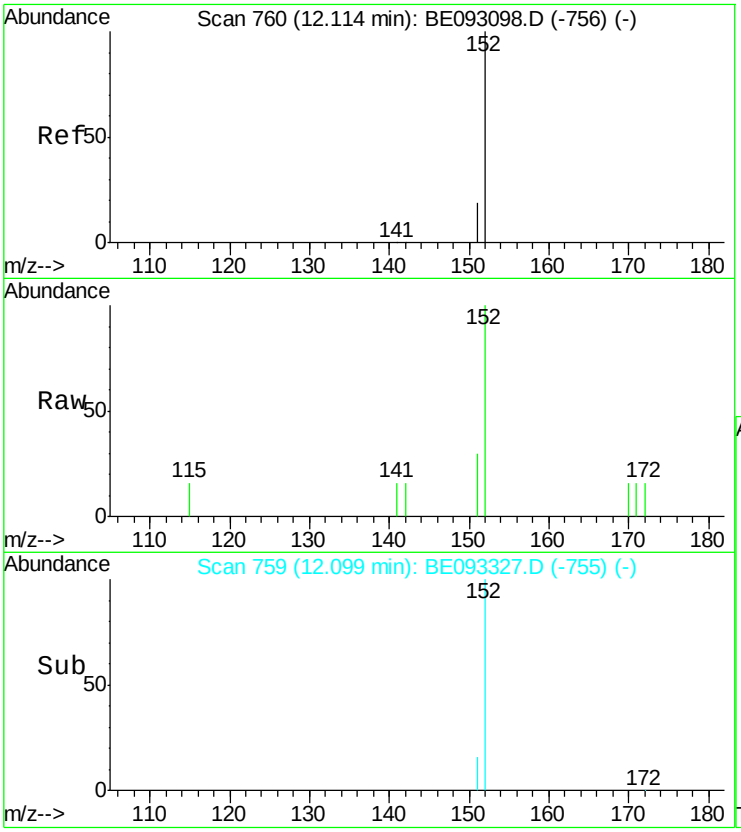


#10
Hexachlorobutadiene
Concen: 0.32 ng
RT: 10.87 min Scan# 696
Delta R.T. -0.00 min
Lab File: BE093327.D
Acq: 22 Jun 2017 14:20

Tgt Ion:225 Resp: 107

Ion	Ratio	Lower	Upper
225	100		
223	64.5	49.7	74.5
227	62.6	50.3	75.5



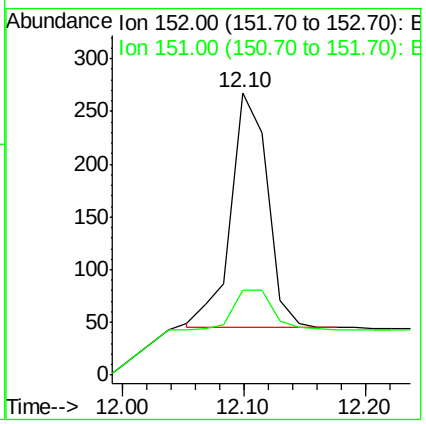


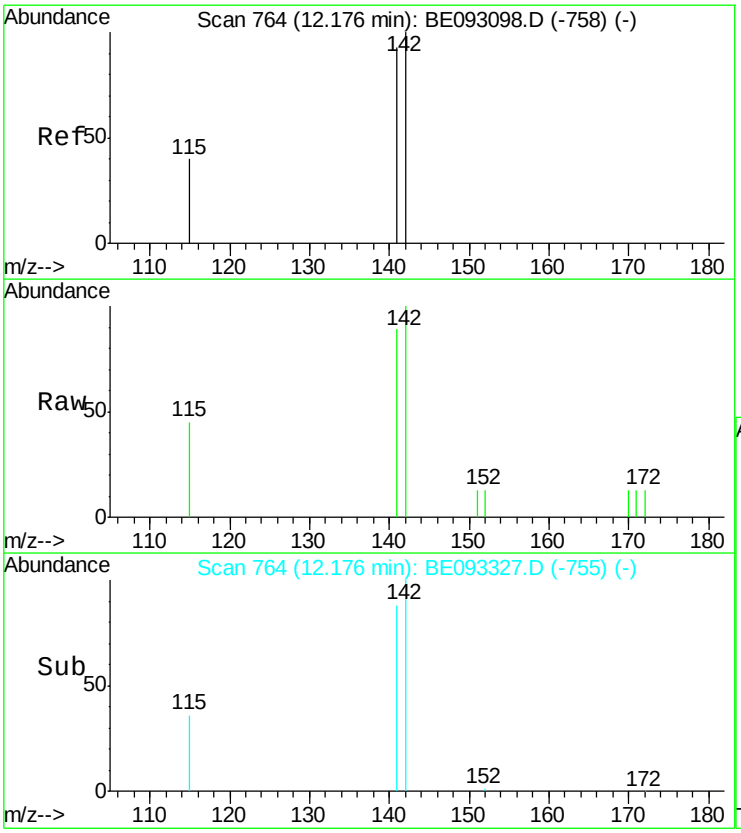
#11
2-Methylnaphthalene-d10
Concen: 0.34 ng
RT: 12.10 min Scan# 759
Delta R.T. -0.01 min
Lab File: BE093327.D
Acq: 22 Jun 2017 14:20

Instrument :
BNA_E
ClientSampleId :
PB99833BS

Tgt Ion:152 Resp: 464

Ion	Ratio	Lower	Upper
152	100		
151	18.1	15.1	22.7

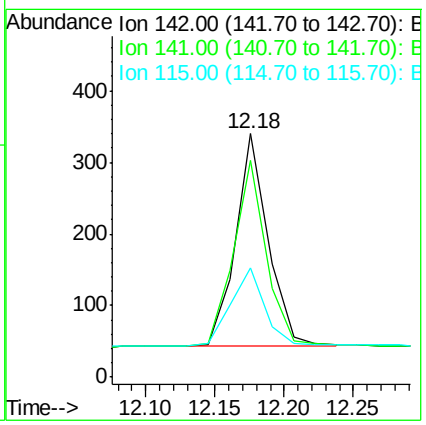


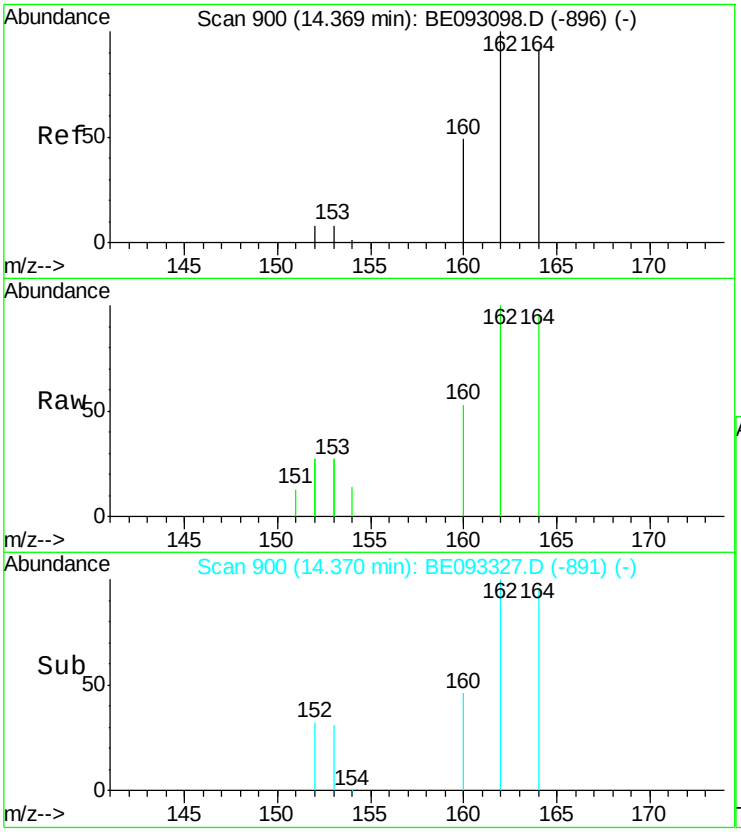


#12
2-Methylnaphthalene
Concen: 0.32 ng
RT: 12.18 min Scan# 764
Delta R.T. 0.00 min
Lab File: BE093327.D
Acq: 22 Jun 2017 14:20

Tgt Ion:142 Resp: 487

Ion	Ratio	Lower	Upper
142	100		
141	89.1	72.6	108.8
115	45.0	32.2	48.2



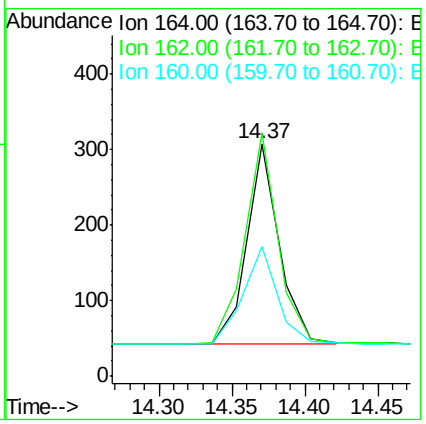


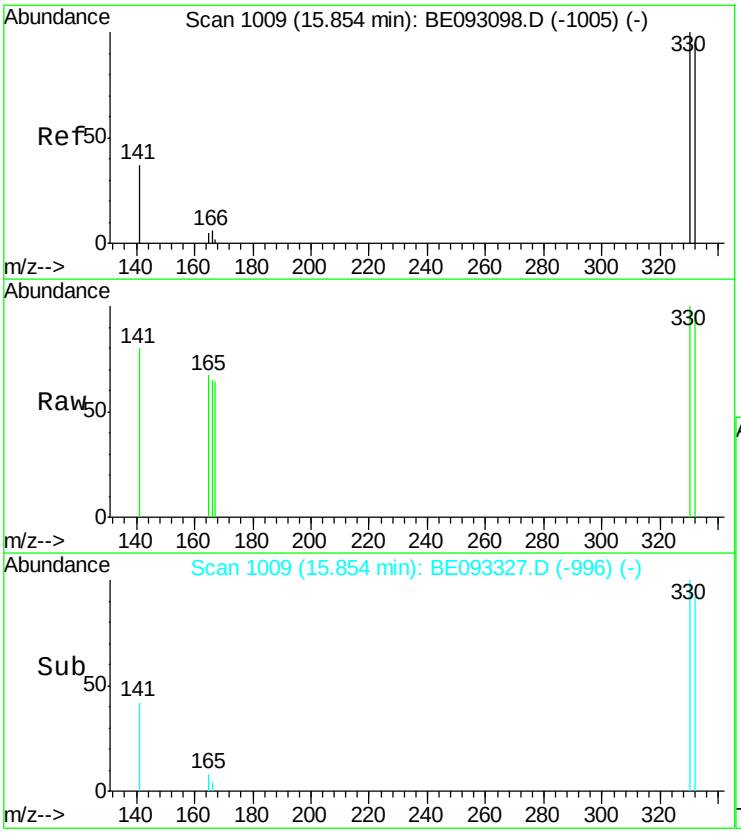
#13
Acenaphthene-d10
Concen: 0.40 ng
RT: 14.37 min Scan# 900
Delta R.T. 0.00 min
Lab File: BE093327.D
Acq: 22 Jun 2017 14:20

Instrument :
BNA_E
ClientSampleId :
PB99833BS

Tgt Ion:164 Resp: 407

Ion	Ratio	Lower	Upper
164	100		
162	104.9	84.6	127.0
160	55.7	41.8	62.6

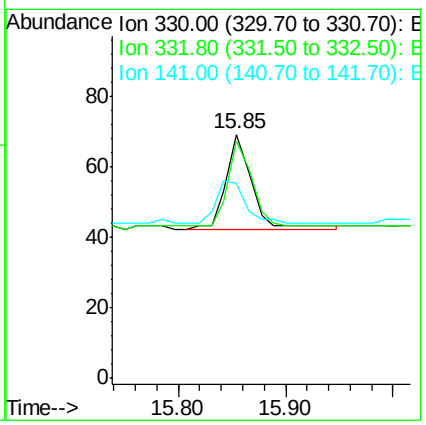


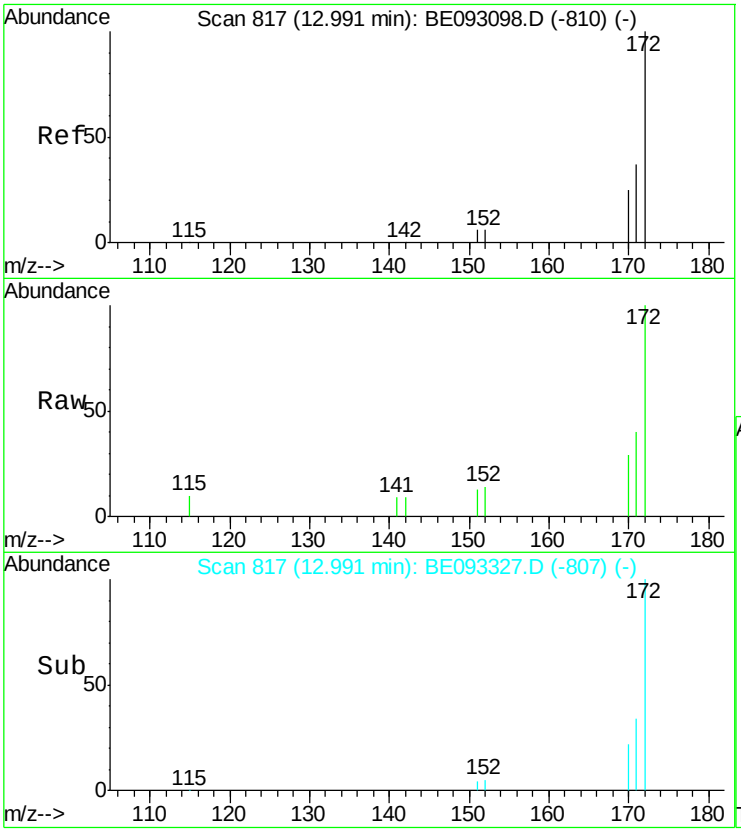


#14
2,4,6-Tribromophenol
Concen: 0.50 ng
RT: 15.85 min Scan# 1009
Delta R.T. 0.00 min
Lab File: BE093327.D
Acq: 22 Jun 2017 14:20

Tgt Ion:330 Resp: 46

Ion	Ratio	Lower	Upper
330	100		
332	87.0	77.7	116.5
141	47.8	56.2	84.4#



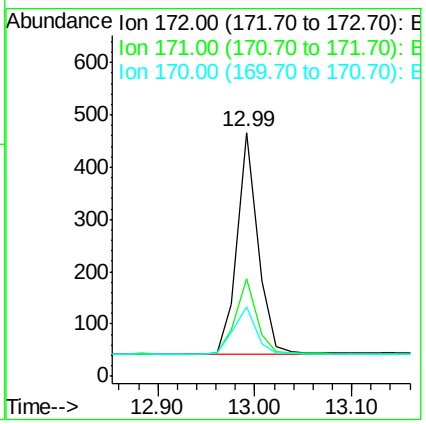


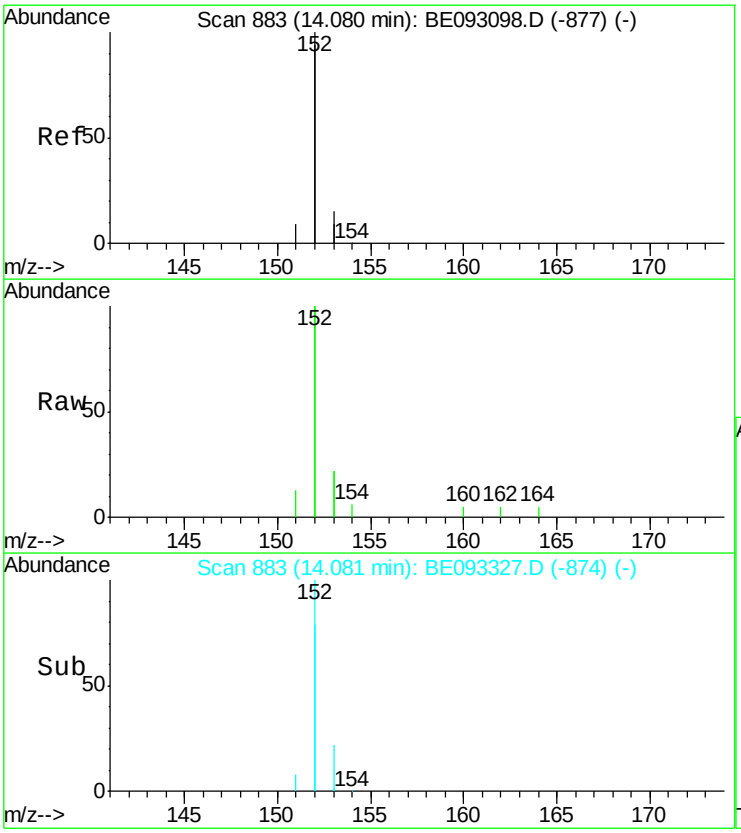
#15
2-Fluorobiphenyl
Concen: 0.36 ng
RT: 12.99 min Scan# 817
Delta R.T. 0.00 min
Lab File: BE093327.D
Acq: 22 Jun 2017 14:20

Instrument :
BNA_E
ClientSampleId :
PB99833BS

Tgt Ion:172 Resp: 629

Ion	Ratio	Lower	Upper
172	100		
171	39.9	29.8	44.6
170	28.8	20.7	31.1

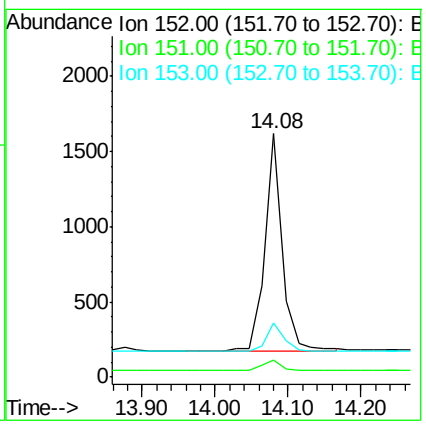


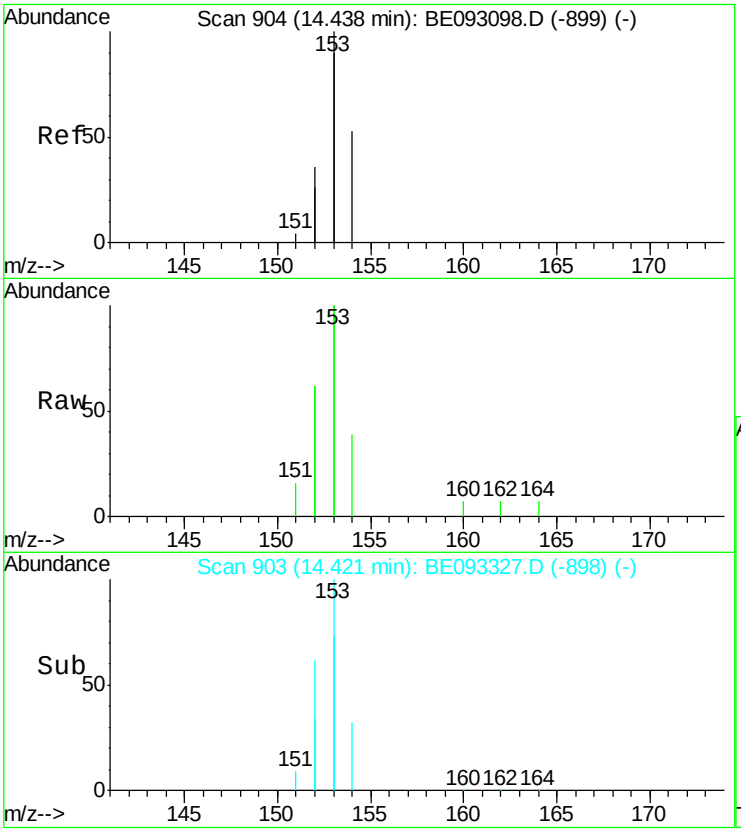


#16
Acenaphthylene
Concen: 0.34 ng
RT: 14.08 min Scan# 883
Delta R.T. 0.00 min
Lab File: BE093327.D
Acq: 22 Jun 2017 14:20

Tgt Ion:152 Resp: 2422

Ion	Ratio	Lower	Upper
152	100		
151	4.9	4.0	6.0
153	12.9	10.3	15.5



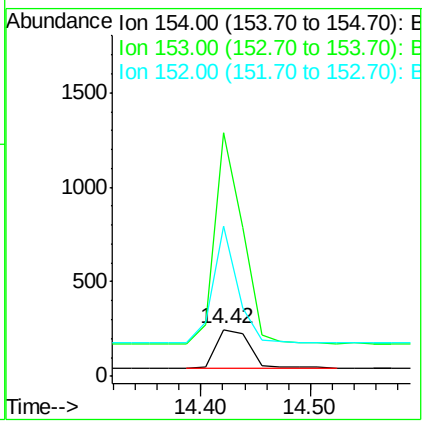


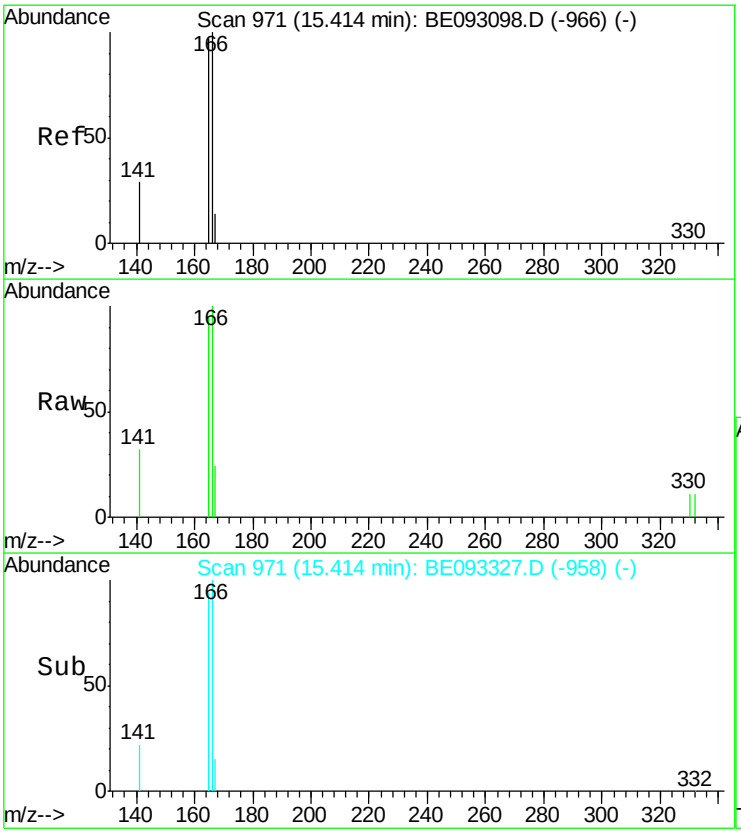
#17
Acenaphthene
Concen: 0.33 ng
RT: 14.42 min Scan# 903
Delta R.T. -0.02 min
Lab File: BE093327.D
Acq: 22 Jun 2017 14:20

Instrument :
BNA_E
ClientSampleId :
PB99833BS

Tgt Ion:154 Resp: 437

Ion	Ratio	Lower	Upper
154	100		
153	440.7	367.8	551.6
152	220.8	188.2	282.2

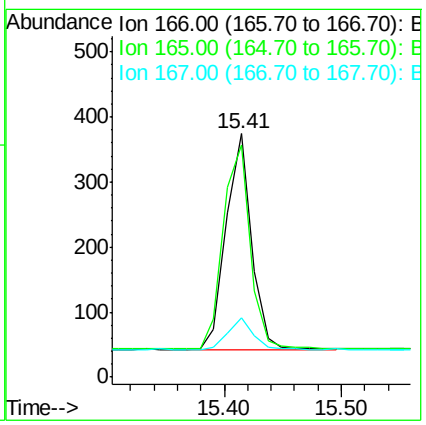


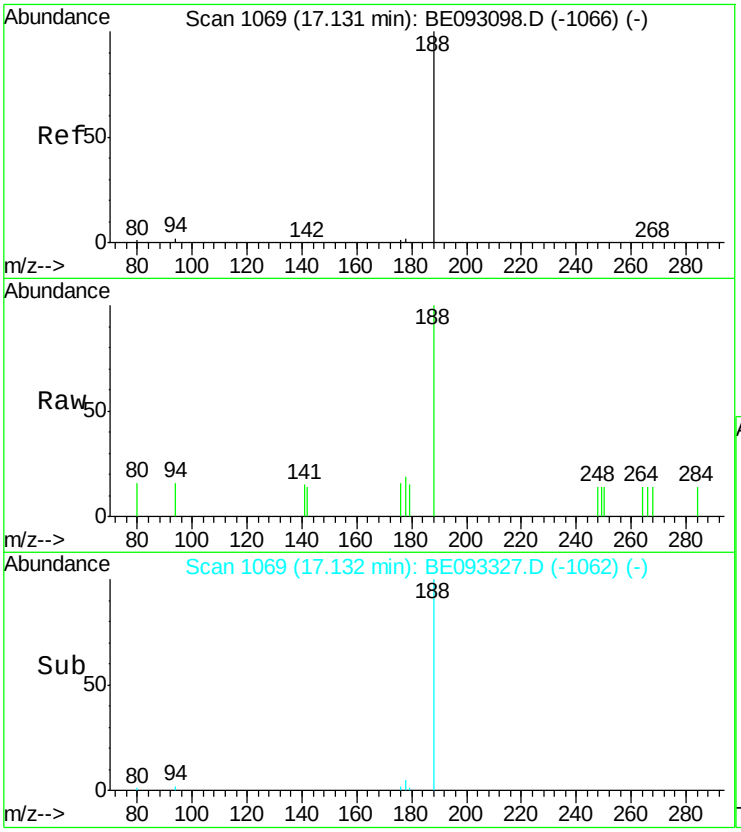


#18
Fluorene
Concen: 0.31 ng
RT: 15.41 min Scan# 971
Delta R.T. 0.00 min
Lab File: BE093327.D
Acq: 22 Jun 2017 14:20

Tgt Ion:166 Resp: 498

Ion	Ratio	Lower	Upper
166	100		
165	100.2	78.6	117.8
167	14.5	11.1	16.7



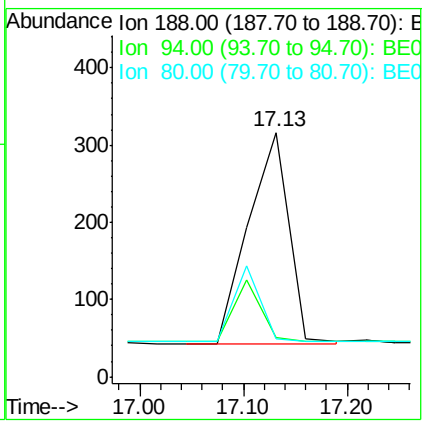


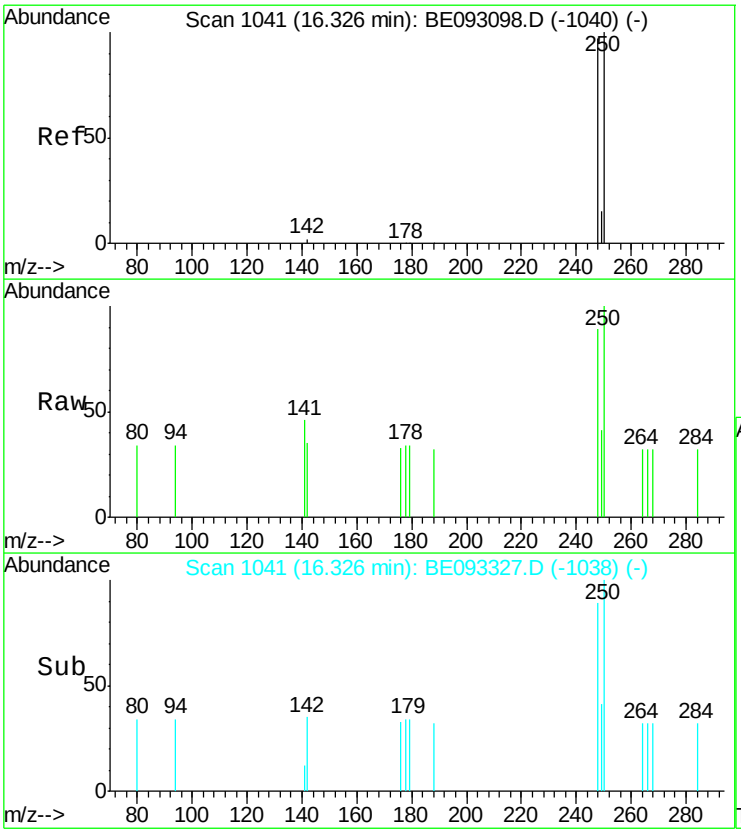
#19
Phenanthrene-d10
Concen: 0.40 ng
RT: 17.13 min Scan# 1069
Delta R.T. 0.00 min
Lab File: BE093327.D
Acq: 22 Jun 2017 14:20

Instrument :
BNA_E
ClientSampleId :
PB99833BS

Tgt Ion:188 Resp: 747

Ion	Ratio	Lower	Upper
188	100		
94	15.8	11.3	16.9
80	15.5	11.7	17.5

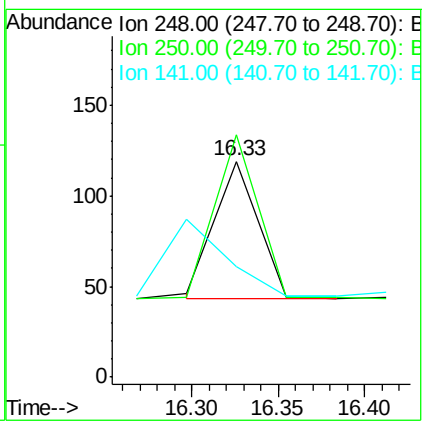


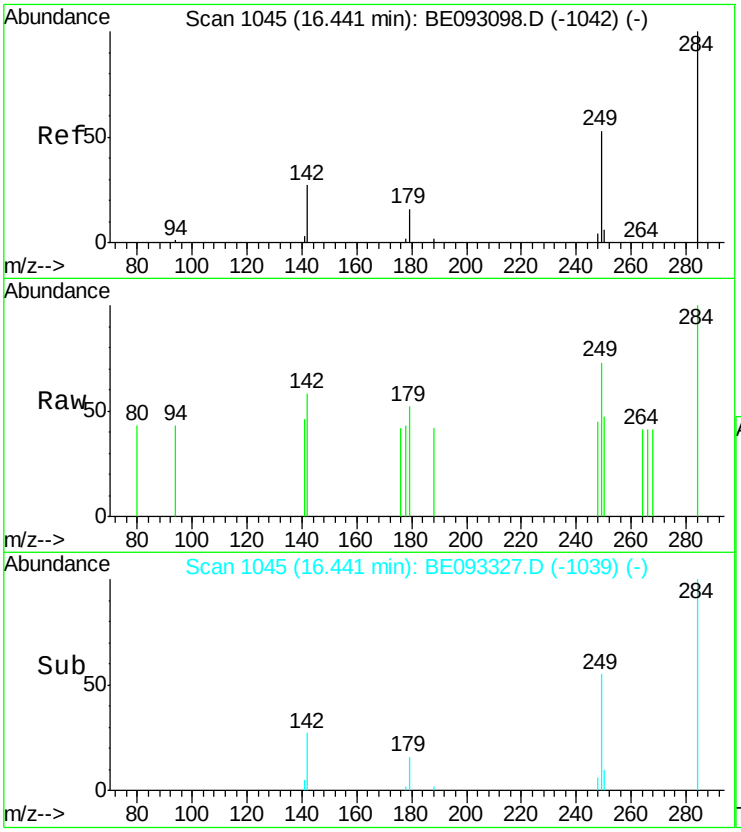


#20
4-Bromophenyl-phenylether
Concen: 0.29 ng
RT: 16.33 min Scan# 1041
Delta R.T. 0.00 min
Lab File: BE093327.D
Acq: 22 Jun 2017 14:20

Tgt Ion:248 Resp: 133

Ion	Ratio	Lower	Upper
248	100		
250	112.6	100.0	150.0
141	51.3	40.0	60.0



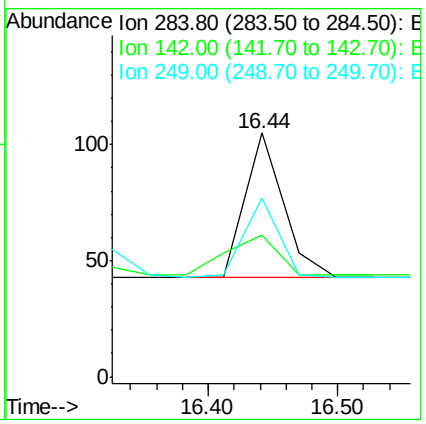


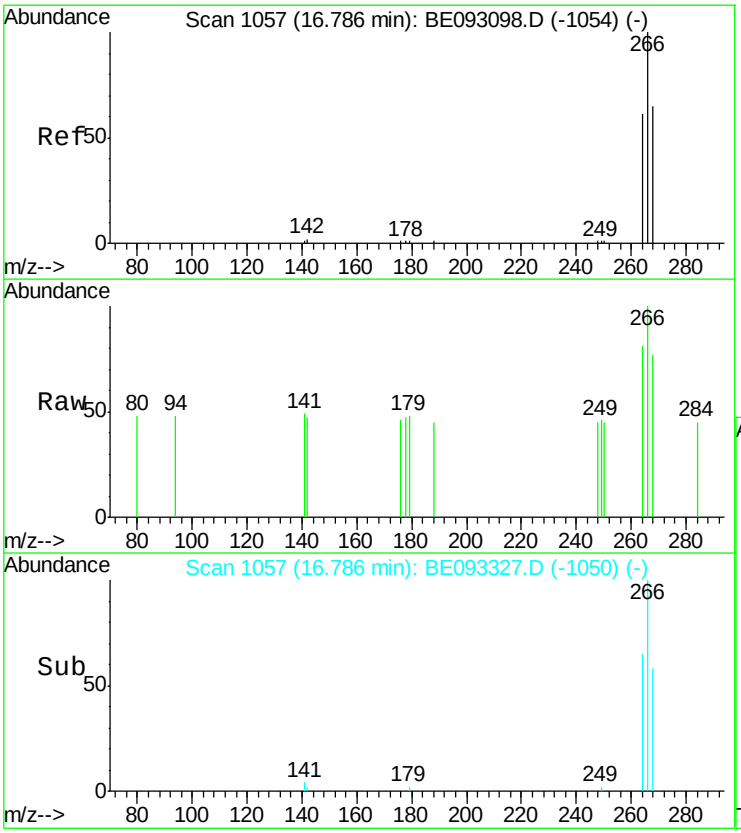
#21
Hexachlorobenzene
Concen: 0.31 ng
RT: 16.44 min Scan# 1045
Delta R.T. 0.00 min
Lab File: BE093327.D
Acq: 22 Jun 2017 14:20

Instrument :
BNA_E
ClientSampleId :
PB99833BS

Tgt Ion:284 Resp: 124

Ion	Ratio	Lower	Upper
284	100		
142	36.3	0.0	0.0#
249	50.0	0.0	0.0#

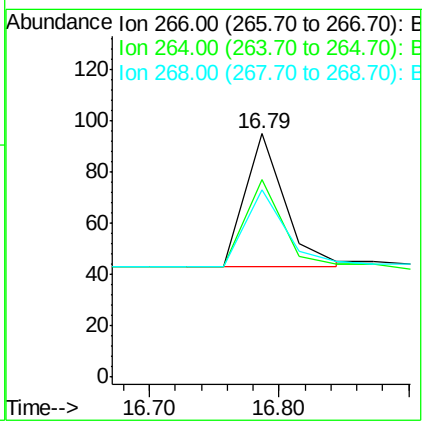


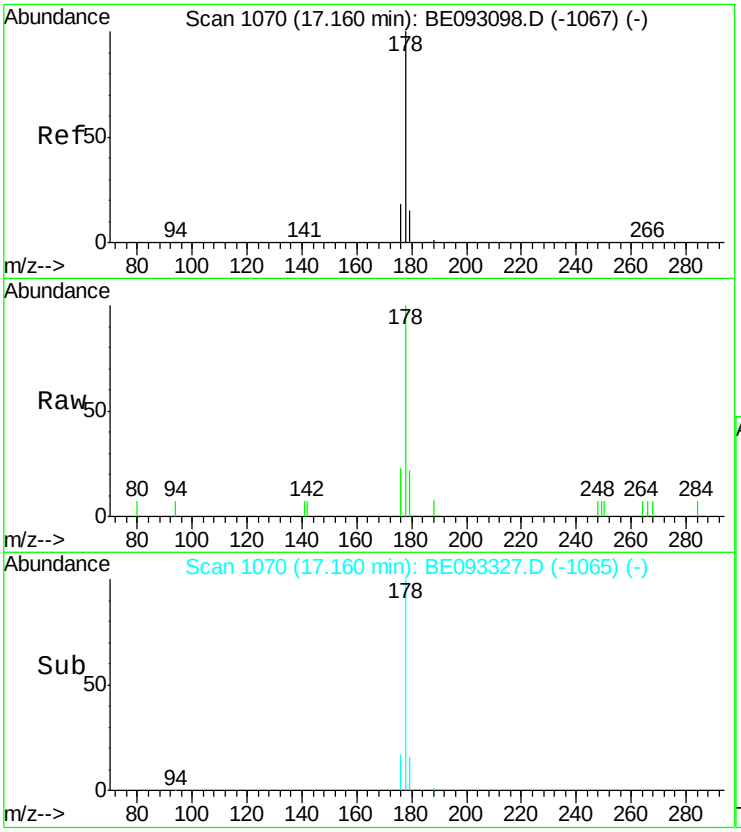


#22
Pentachlorophenol
Concen: 0.84 ng
RT: 16.79 min Scan# 1057
Delta R.T. 0.00 min
Lab File: BE093327.D
Acq: 22 Jun 2017 14:20

Tgt Ion:266 Resp: 109

Ion	Ratio	Lower	Upper
266	100		
264	81.1	58.2	87.2
268	76.8	71.9	107.9



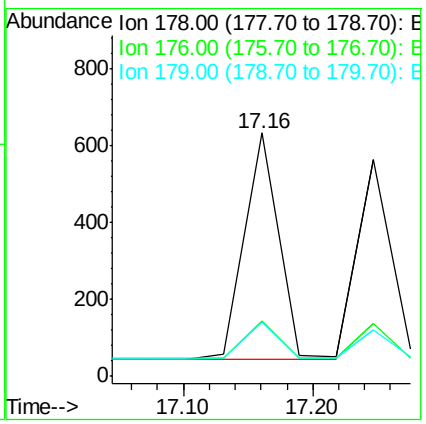


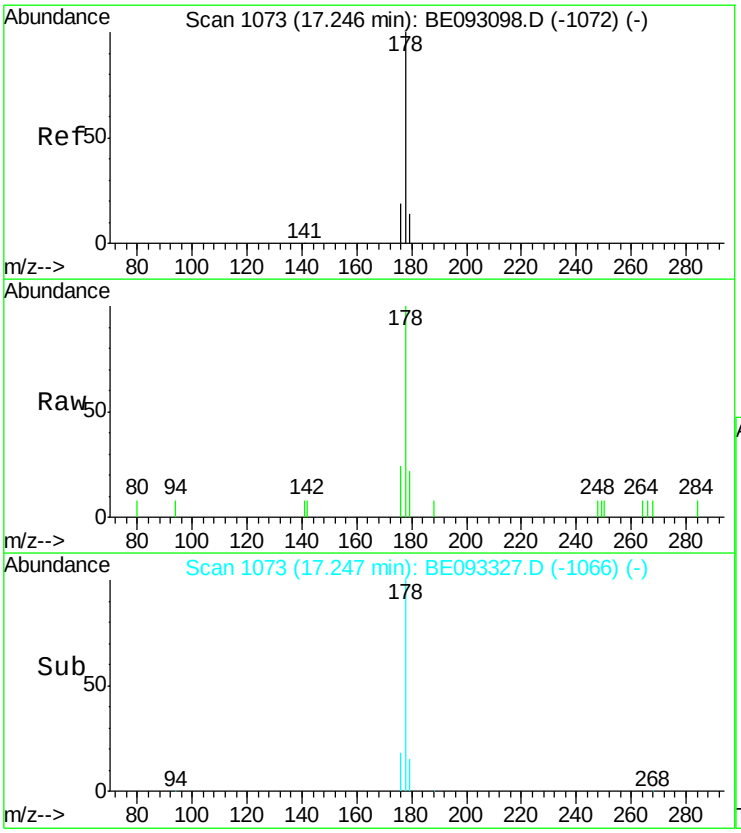
#23
Phenanthrene
Concen: 0.32 ng
RT: 17.16 min Scan# 1070
Delta R.T. 0.00 min
Lab File: BE093327.D
Acq: 22 Jun 2017 14:20

Instrument :
BNA_E
ClientSampleId :
PB99833BS

Tgt Ion:178 Resp: 1065

Ion	Ratio	Lower	Upper
178	100		
176	17.8	15.0	22.4
179	16.2	12.7	19.1

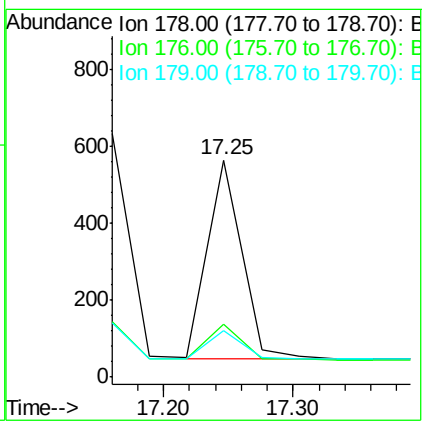


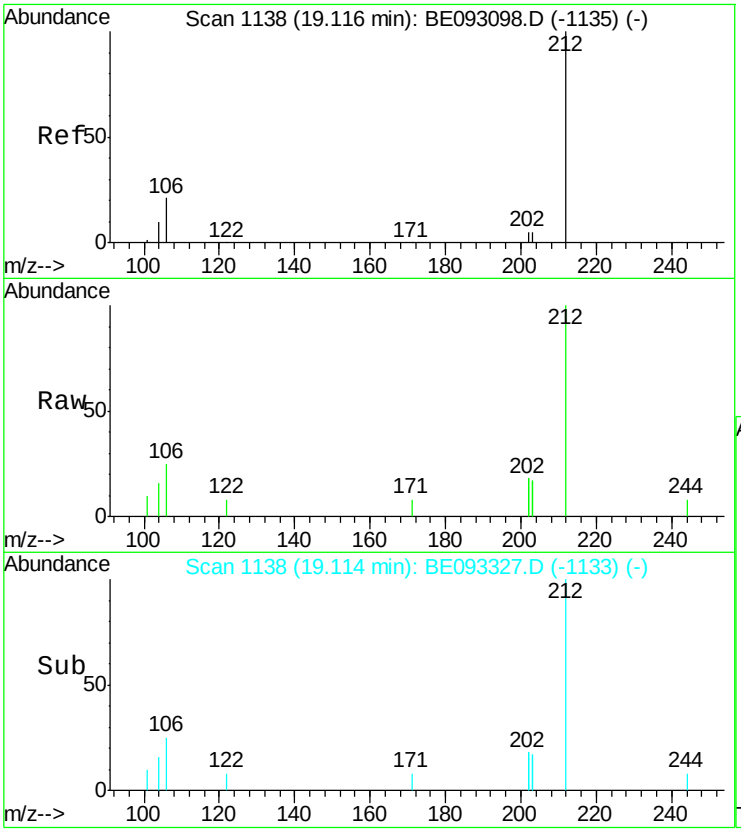


#24
Anthracene
Concen: 0.33 ng
RT: 17.25 min Scan# 1073
Delta R.T. 0.00 min
Lab File: BE093327.D
Acq: 22 Jun 2017 14:20

Tgt Ion:178 Resp: 943

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



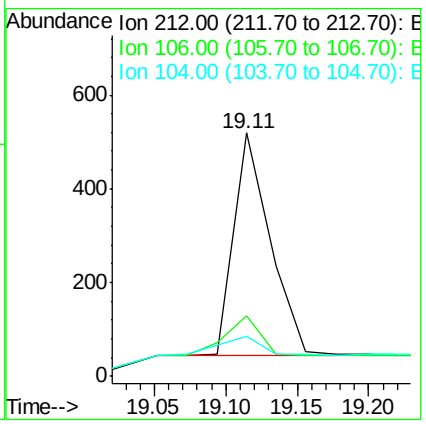


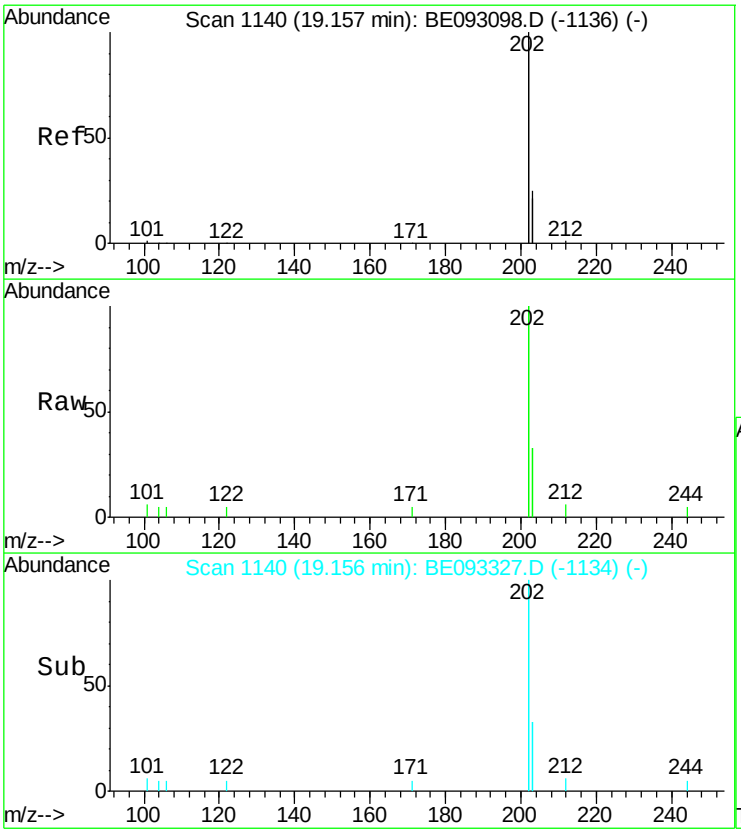
#25
Fluoranthene-d10
Concen: 0.35 ng
RT: 19.11 min Scan# 1138
Delta R.T. -0.00 min
Lab File: BE093327.D
Acq: 22 Jun 2017 14:20

Instrument :
BNA_E
ClientSampleId :
PB99833BS

Tgt Ion:212 Resp: 859

Ion	Ratio	Lower	Upper
212	100		
106	16.8	0.0	0.0#
104	9.7	0.0	0.0#

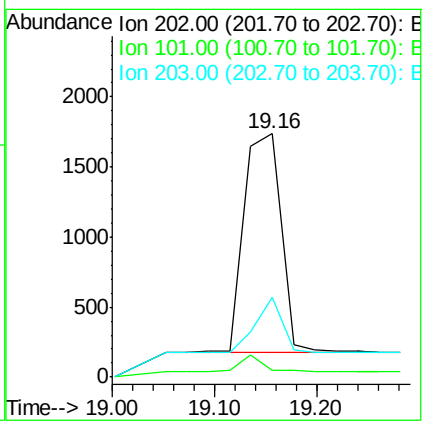


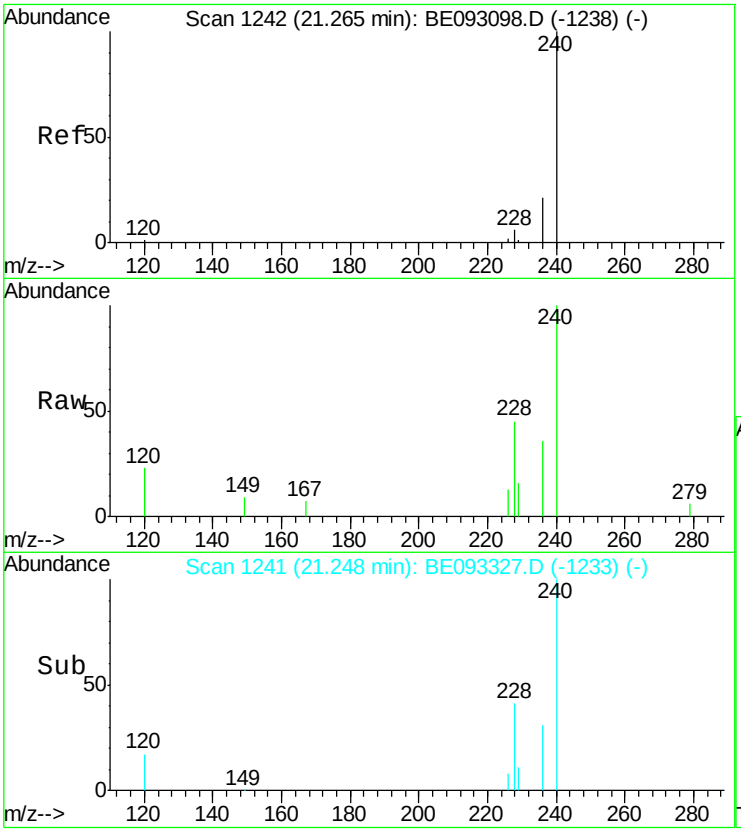


#26
Fluoranthene
Concen: 0.32 ng
RT: 19.16 min Scan# 1140
Delta R.T. -0.00 min
Lab File: BE093327.D
Acq: 22 Jun 2017 14:20

Tgt Ion:202 Resp: 3897

Ion	Ratio	Lower	Upper
202	100		
101	0.0	0.0	0.0
203	18.2	14.4	21.6



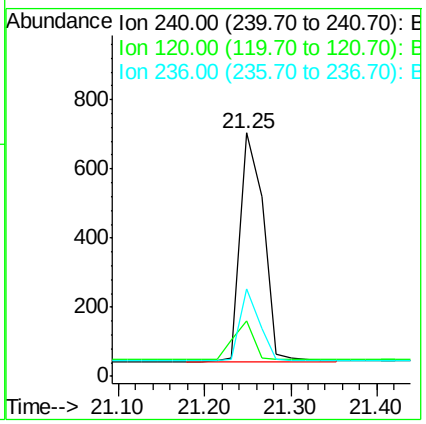


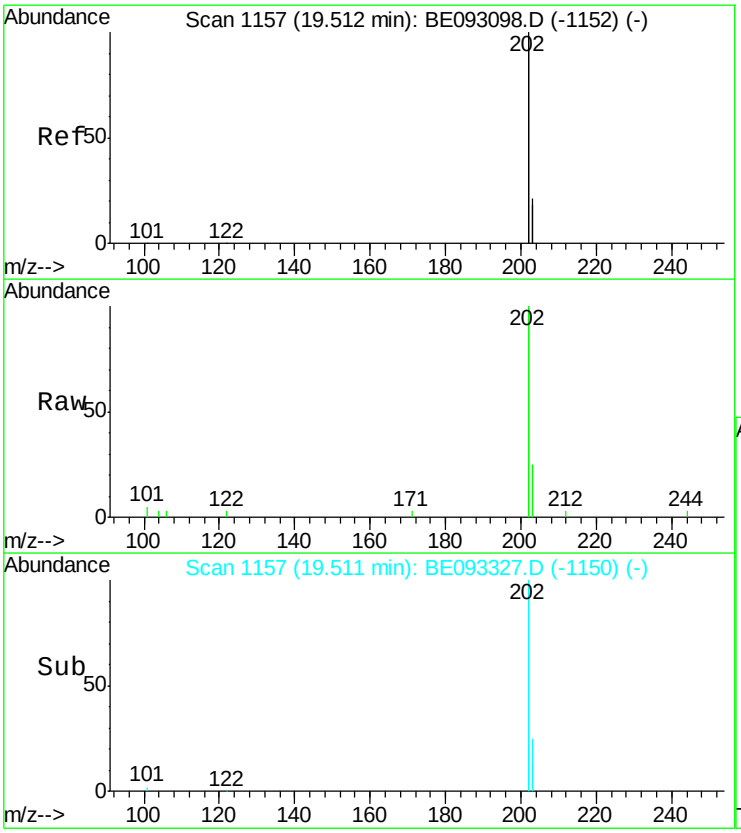
#27
Chrysene-d12
Concen: 0.40 ng
RT: 21.25 min Scan# 1241
Delta R.T. -0.02 min
Lab File: BE093327.D
Acq: 22 Jun 2017 14:20

Instrument :
BNA_E
ClientSampleId :
PB99833BS

Tgt Ion:240 Resp: 1235

Ion	Ratio	Lower	Upper
240	100		
120	23.0	4.6	7.0#
236	35.8	20.8	31.2#

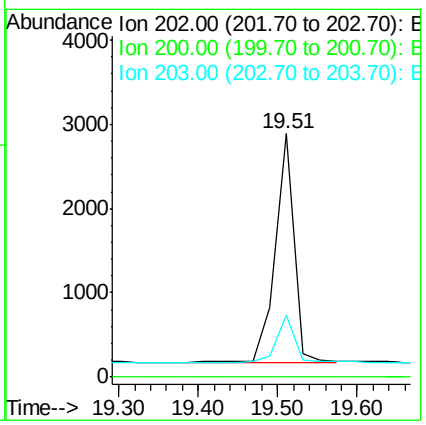


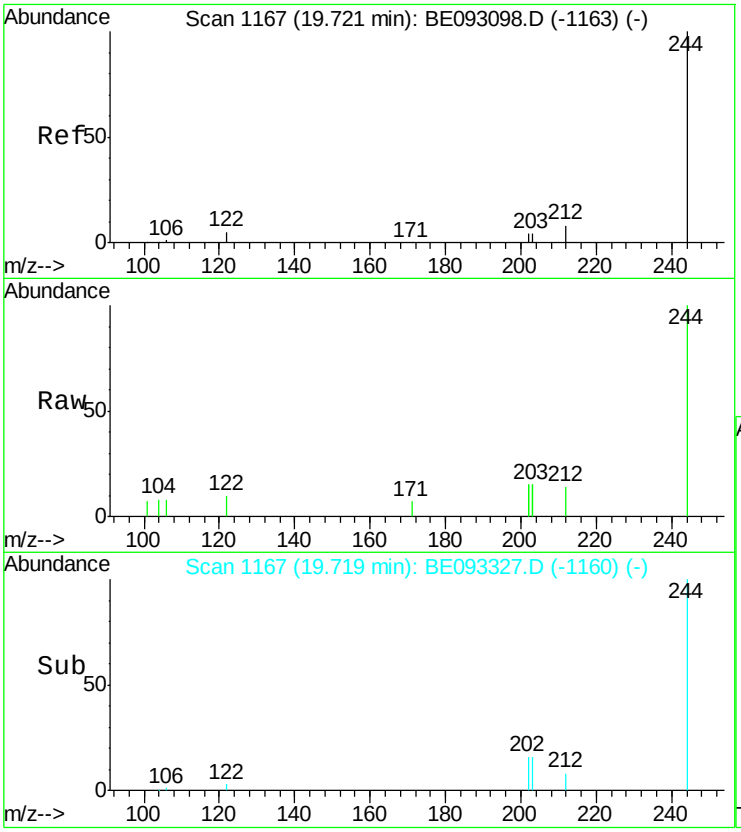


#28
Pyrene
Concen: 0.29 ng
RT: 19.51 min Scan# 1157
Delta R.T. -0.00 min
Lab File: BE093327.D
Acq: 22 Jun 2017 14:20

Tgt Ion:202 Resp: 4385

Ion	Ratio	Lower	Upper
202	100		
200	0.0	0.0	0.0
203	18.7	13.7	20.5



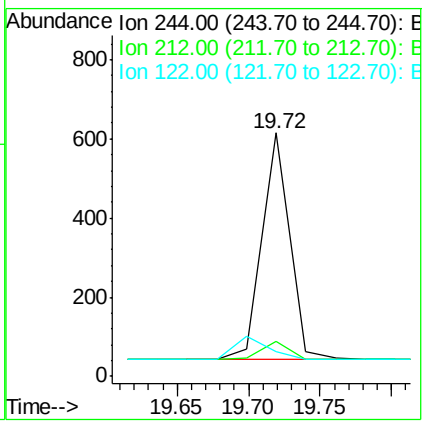


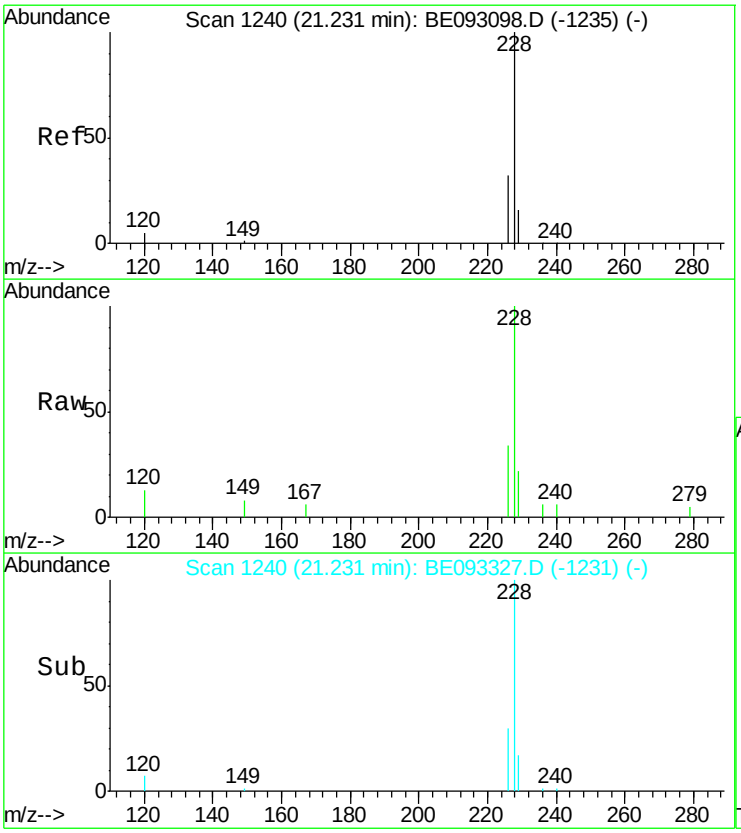
#29
Terphenyl-d14
Concen: 0.33 ng
RT: 19.72 min Scan# 1167
Delta R.T. -0.00 min
Lab File: BE093327.D
Acq: 22 Jun 2017 14:20

Instrument :
BNA_E
ClientSampleId :
PB99833BS

Tgt Ion:244 Resp: 778

Ion	Ratio	Lower	Upper
244	100		
212	14.3	10.6	16.0
122	10.1	15.4	23.0#

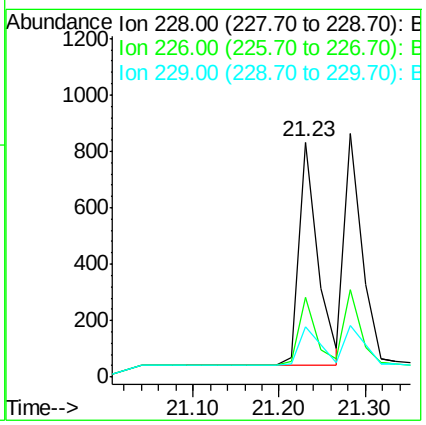


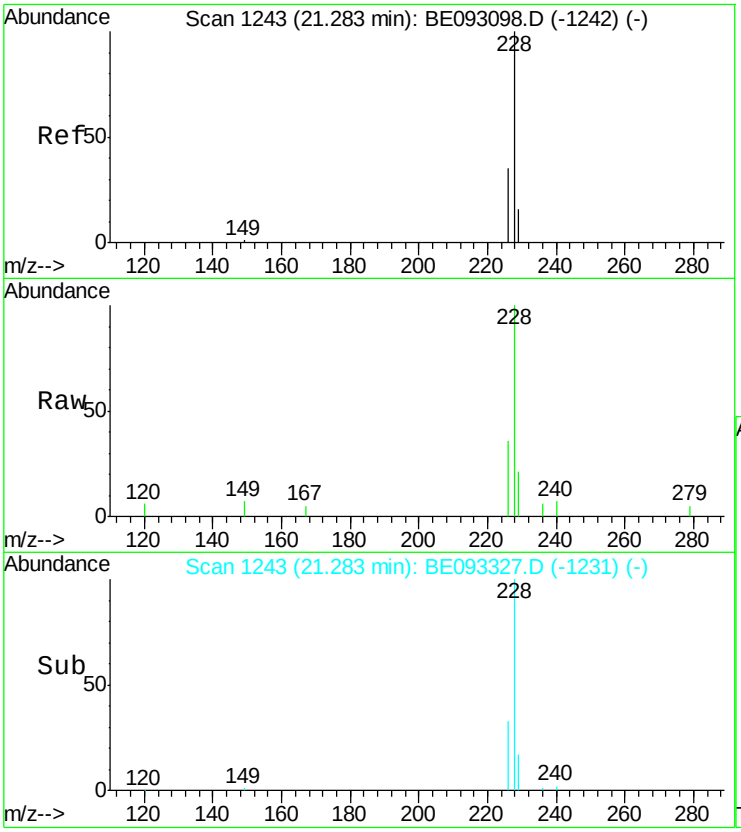


#30
Benzo(a)anthracene
Concen: 0.36 ng
RT: 21.23 min Scan# 1240
Delta R.T. 0.00 min
Lab File: BE093327.D
Acq: 22 Jun 2017 14:20

Tgt Ion:228 Resp: 1195

Ion	Ratio	Lower	Upper
228	100		
226	33.8	19.7	29.5#
229	21.5	19.2	28.8



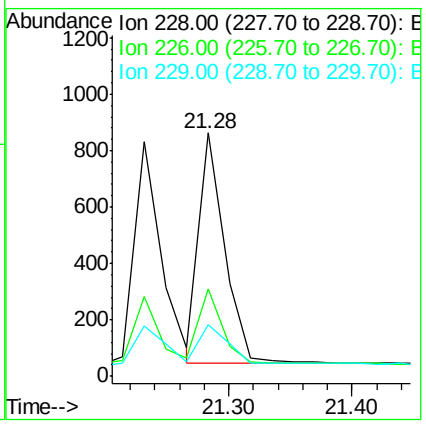


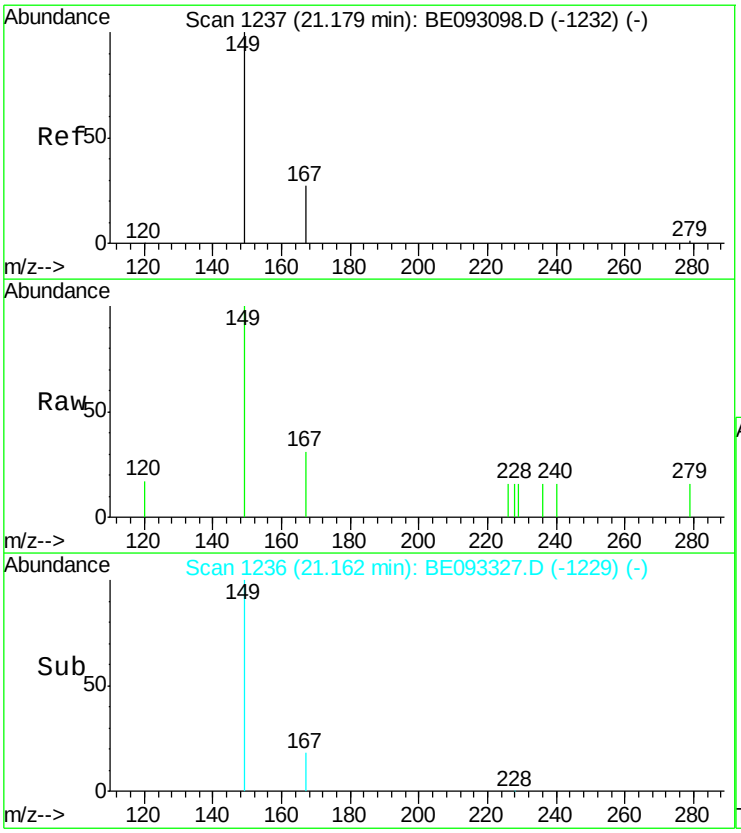
#31
Chrysene
Concen: 0.33 ng
RT: 21.28 min Scan# 1243
Delta R.T. 0.00 min
Lab File: BE093327.D
Acq: 22 Jun 2017 14:20

Instrument :
BNA_E
ClientSampleId :
PB99833BS

Tgt Ion:228 Resp: 1174

Ion	Ratio	Lower	Upper
228	100		
226	36.2	21.5	32.3#
229	21.0	18.6	28.0

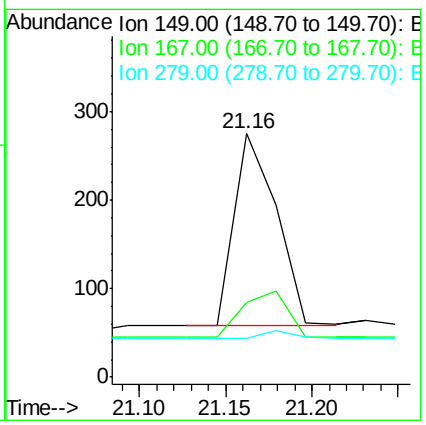


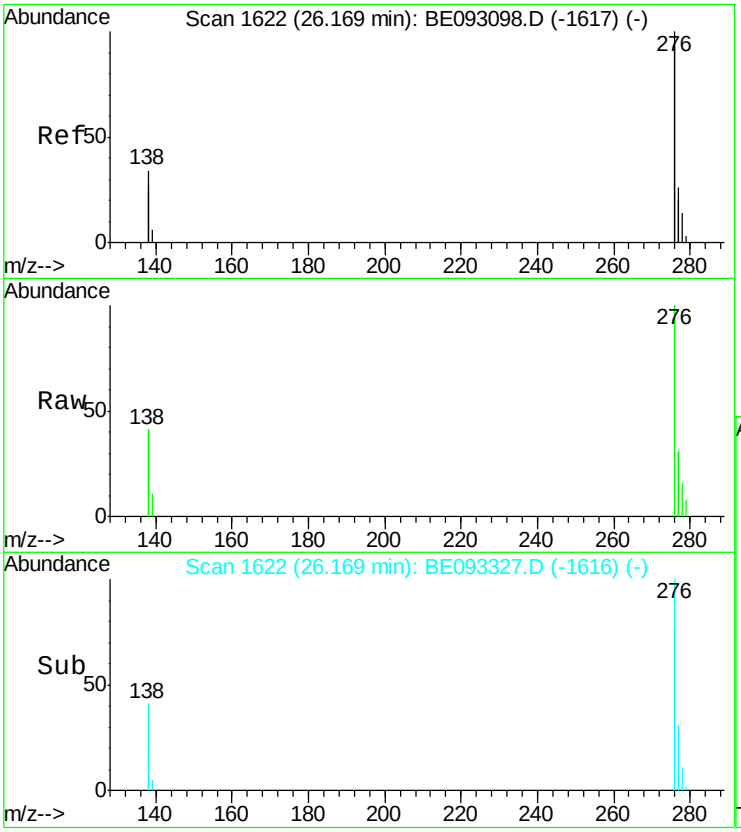


#32
Bis(2-ethylhexyl)phthalate
Concen: 0.27 ng
RT: 21.16 min Scan# 1236
Delta R.T. -0.02 min
Lab File: BE093327.D
Acq: 22 Jun 2017 14:20

Tgt Ion:149 Resp: 372

Ion	Ratio	Lower	Upper
149	100		
167	25.0	20.1	30.1
279	0.0	2.2	3.4#



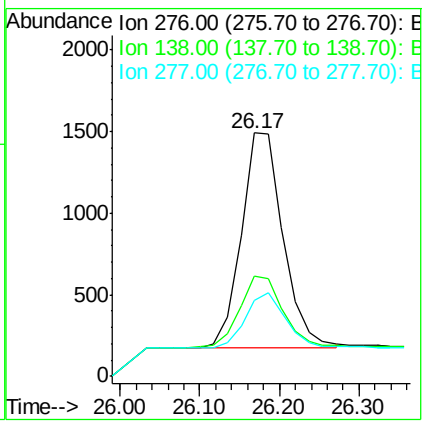


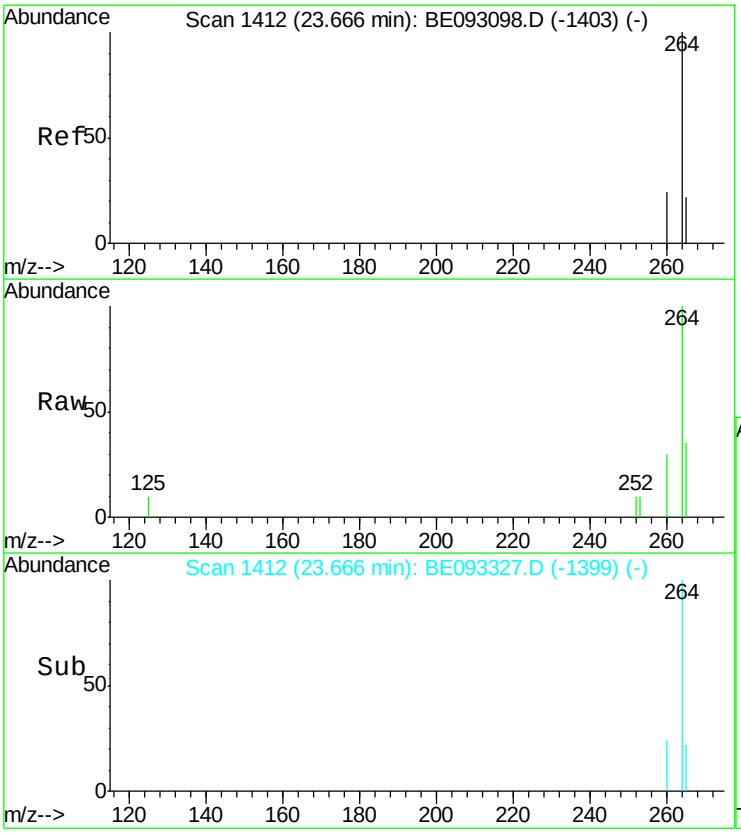
#33
Indeno(1,2,3-cd)pyrene
Concen: 0.37 ng
RT: 26.17 min Scan# 1622
Delta R.T. 0.00 min
Lab File: BE093327.D
Acq: 22 Jun 2017 14:20

Instrument :
BNA_E
ClientSampleId :
PB99833BS

Tgt Ion:276 Resp: 4860

Ion	Ratio	Lower	Upper
276	100		
138	33.7	27.4	41.2
277	24.7	20.1	30.1

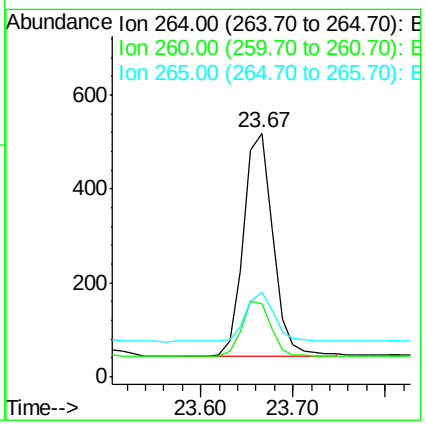


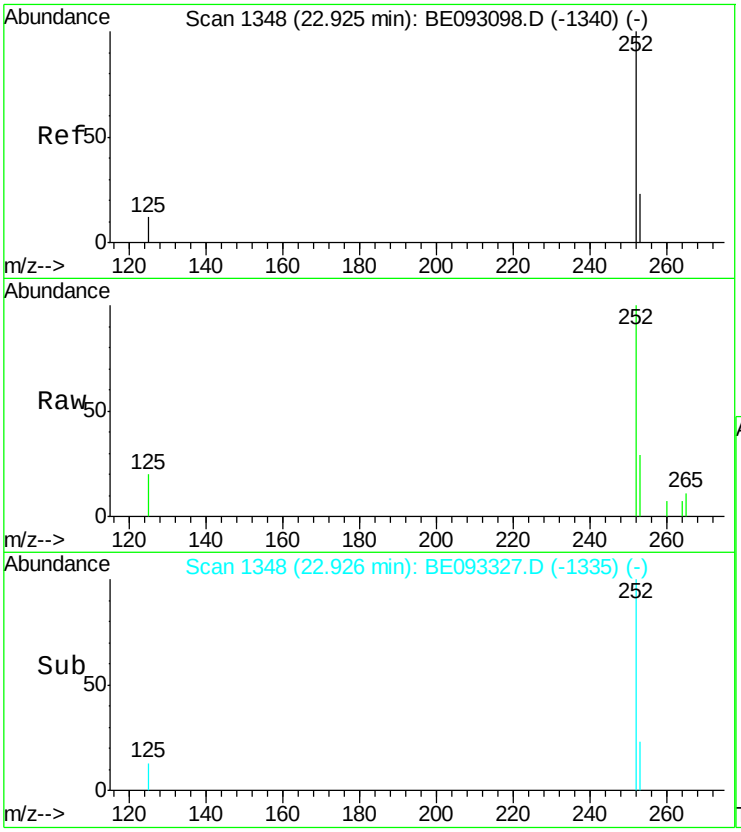


#34
Perylene-d12
Concen: 0.40 ng
RT: 23.67 min Scan# 1412
Delta R.T. 0.00 min
Lab File: BE093327.D
Acq: 22 Jun 2017 14:20

Tgt Ion:264 Resp: 1064

Ion	Ratio	Lower	Upper
264	100		
260	30.1	21.0	31.4
265	34.7	24.6	36.8



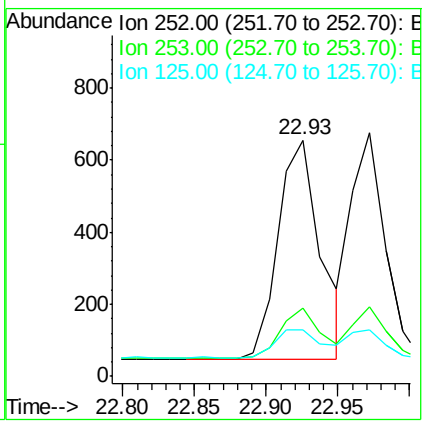


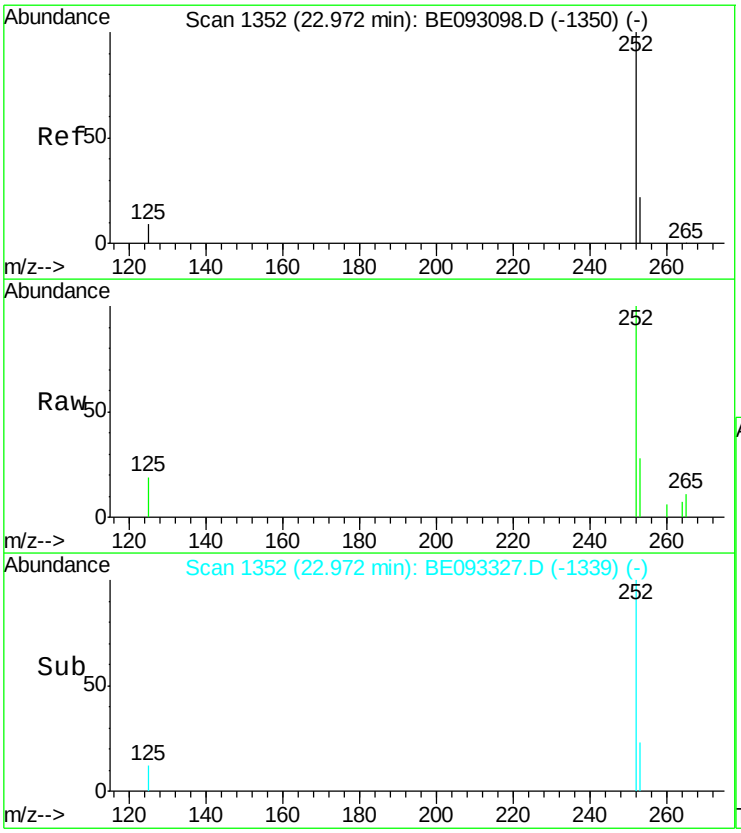
#35
Benzo(b)fluoranthene
Concen: 0.37 ng
RT: 22.93 min Scan# 1348
Delta R.T. 0.00 min
Lab File: BE093327.D
Acq: 22 Jun 2017 14:20

Instrument :
BNA_E
ClientSampleId :
PB99833BS

Tgt Ion:252 Resp: 1249

Ion	Ratio	Lower	Upper
252	100		
253	28.7	18.5	27.7#
125	19.8	13.4	20.0

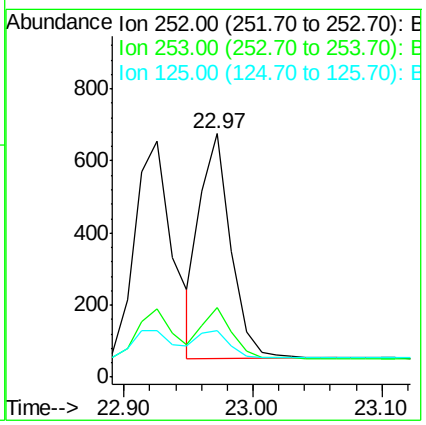


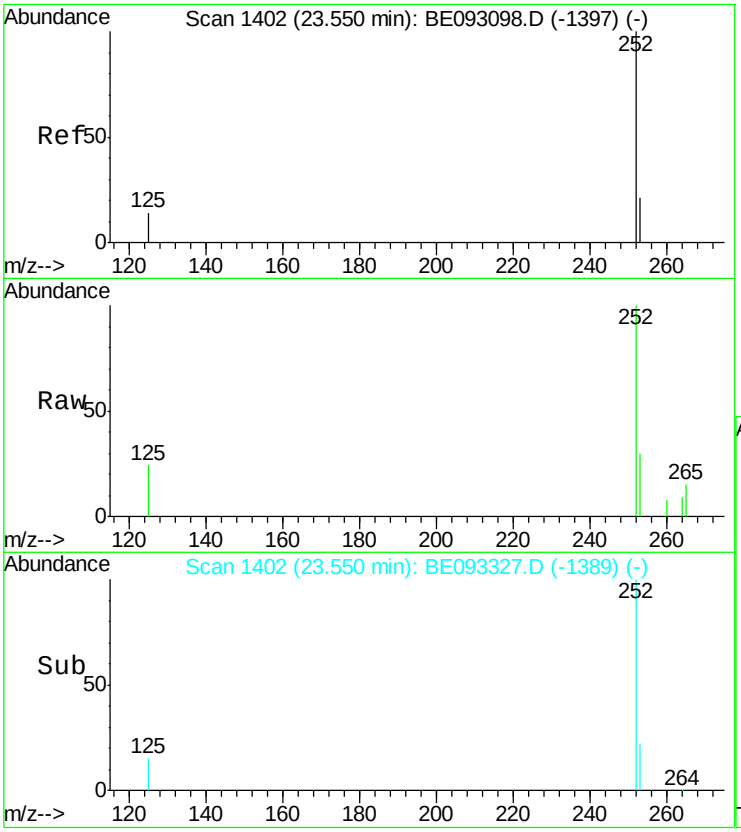


#36
Benzo(k)fluoranthene
Concen: 0.32 ng
RT: 22.97 min Scan# 1352
Delta R.T. 0.00 min
Lab File: BE093327.D
Acq: 22 Jun 2017 14:20

Tgt Ion:252 Resp: 1044

Ion	Ratio	Lower	Upper
252	100		
253	28.4	20.3	30.5
125	19.2	12.2	18.4#



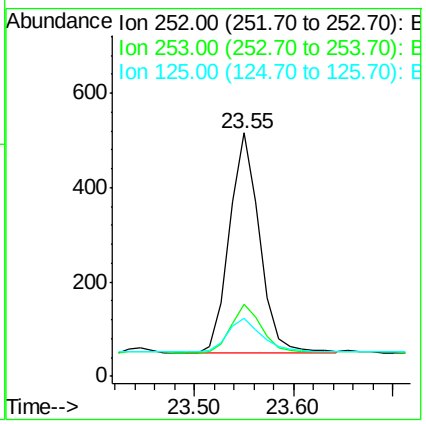


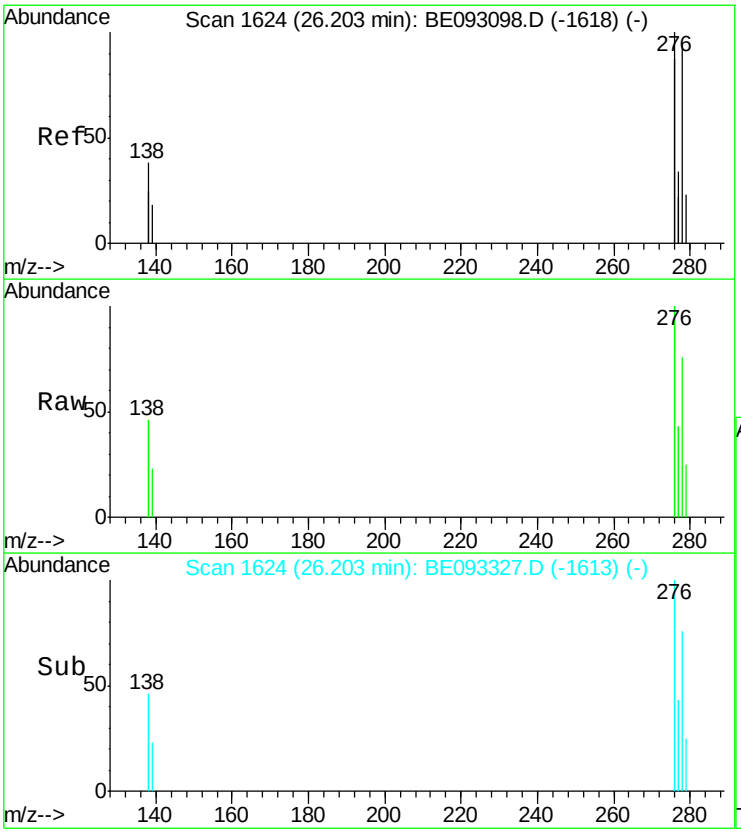
#37
Benzo(a)pyrene
Concen: 0.33 ng
RT: 23.55 min Scan# 1402
Delta R.T. 0.00 min
Lab File: BE093327.D
Acq: 22 Jun 2017 14:20

Instrument :
BNA_E
ClientSampleId :
PB99833BS

Tgt Ion:252 Resp: 989

Ion	Ratio	Lower	Upper
252	100		
253	29.7	19.9	29.9
125	23.6	14.6	21.8#

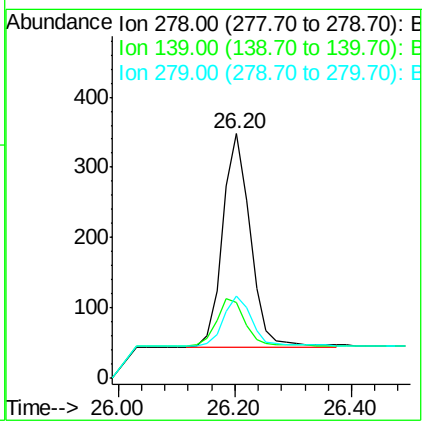


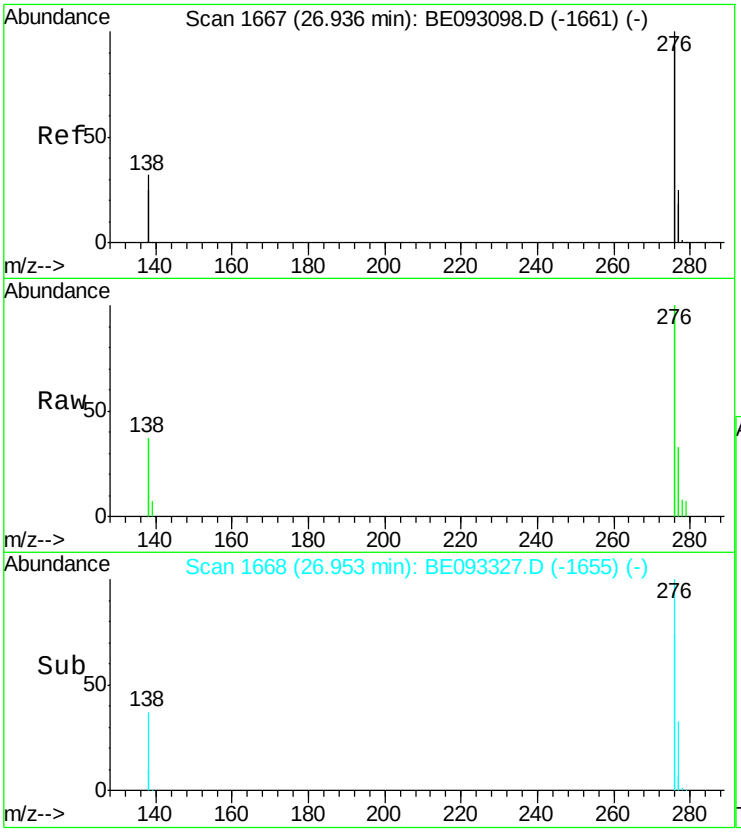


#38
Dibenzo(a,h)anthracene
Concen: 0.33 ng
RT: 26.20 min Scan# 1624
Delta R.T. 0.00 min
Lab File: BE093327.D
Acq: 22 Jun 2017 14:20

Tgt Ion:278 Resp: 1011

Ion	Ratio	Lower	Upper
278	100		
139	30.7	21.4	32.0
279	33.3	22.2	33.2#





#39
Benzo(g,h,i)perylene
Concen: 0.33 ng
RT: 26.95 min Scan# 1668
Delta R.T. 0.02 min
Lab File: BE093327.D
Acq: 22 Jun 2017 14:20

Instrument :
BNA_E
ClientSampleId :
PB99833BS

Tgt Ion:276 Resp: 4120

Ion	Ratio	Lower	Upper
276	100		
277	33.3	21.2	31.8#
138	37.1	24.5	36.7#