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

Quantitation Report (Not Reviewed)

Data File : BE093325.D
Acq On : 22 Jun 2017 12:23
Operator : SJ/JU
Sample : SSTDCCC0.4
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument : BNA_E
ClientSampleId : SSTDCCC0.4

Quant Time: Jun 23 07:11:01 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	225	0.40	ng		-0.02
7) Naphthalene-d8	10.51	136	1217	0.40	ng		-0.02
13) Acenaphthene-d10	14.37	164	688	0.40	ng		0.00
19) Phenanthrene-d10	17.10	188	1196	0.40	ng		-0.03
27) Chrysene-d12	21.25	240	1563	0.40	ng		-0.02
34) Perylene-d12	23.67	264	1279	0.40	ng		0.00
System Monitoring Compounds							
4) 2-Fluorophenol	5.34	112	333	0.50	ng		0.00
5) Phenol-d6	6.90	99	1021	1.05	ng		0.00
8) Nitrobenzene-d5	8.88	82	471	0.48	ng		0.00
11) 2-Methylnaphthalene-d10	12.10	152	852	0.47	ng		-0.01
14) 2,4,6-Tribromophenol	15.85	330	79	0.50	ng		0.00
15) 2-Fluorobiphenyl	12.99	172	1202	0.41	ng		0.00
25) Fluoranthene-d10	19.11	212	2386	0.61	ng		0.00
29) Terphenyl-d14	19.72	244	1406	0.47	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.29	88	183	0.37	ng		97
3) n-Nitrosodimethylamine	3.59	42	180	0.42	ng		94
6) bis(2-Chloroethyl)ether	7.15	93	379	0.45	ng	#	99
9) Naphthalene	10.56	128	1403	0.43	ng		94
10) Hexachlorobutadiene	10.85	225	183	0.41	ng		98
12) 2-Methylnaphthalene	12.18	142	913	0.45	ng		97
16) Acenaphthylene	14.08	152	5346	0.45	ng		99
17) Acenaphthene	14.42	154	933	0.42	ng		98
18) Fluorene	15.41	166	1133	0.42	ng		100
20) 4-Bromophenyl-phenylether	16.33	248	230	0.32	ng	#	91
21) Hexachlorobenzene	16.44	284	325	0.51	ng	#	100
22) Pentachlorophenol	16.79	266	98	0.47	ng		90
23) Phenanthrene	17.16	178	2075	0.38	ng		97
24) Anthracene	17.25	178	2070	0.45	ng		99
26) Fluoranthene	19.14	202	7988	0.41	ng	#	59
28) Pyrene	19.51	202	8648	0.45	ng	#	98
30) Benzo(a)anthracene	21.23	228	1892	0.45	ng	#	88
31) Chrysene	21.28	228	1888	0.42	ng	#	87
32) Bis(2-ethylhexyl)phthalate	21.16	149	849	0.49	ng		99
33) Indeno(1,2,3-cd)pyrene	26.17	276	7159	0.43	ng		99
35) Benzo(b)fluoranthene	22.93	252	1921	0.47	ng		95
36) Benzo(k)fluoranthene	22.97	252	1611	0.41	ng		97
37) Benzo(a)pyrene	23.55	252	1590	0.45	ng		96
38) Dibenzo(a,h)anthracene	26.20	278	1576	0.43	ng		96
39) Benzo(g,h,i)perylene	26.95	276	6298	0.42	ng		93

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

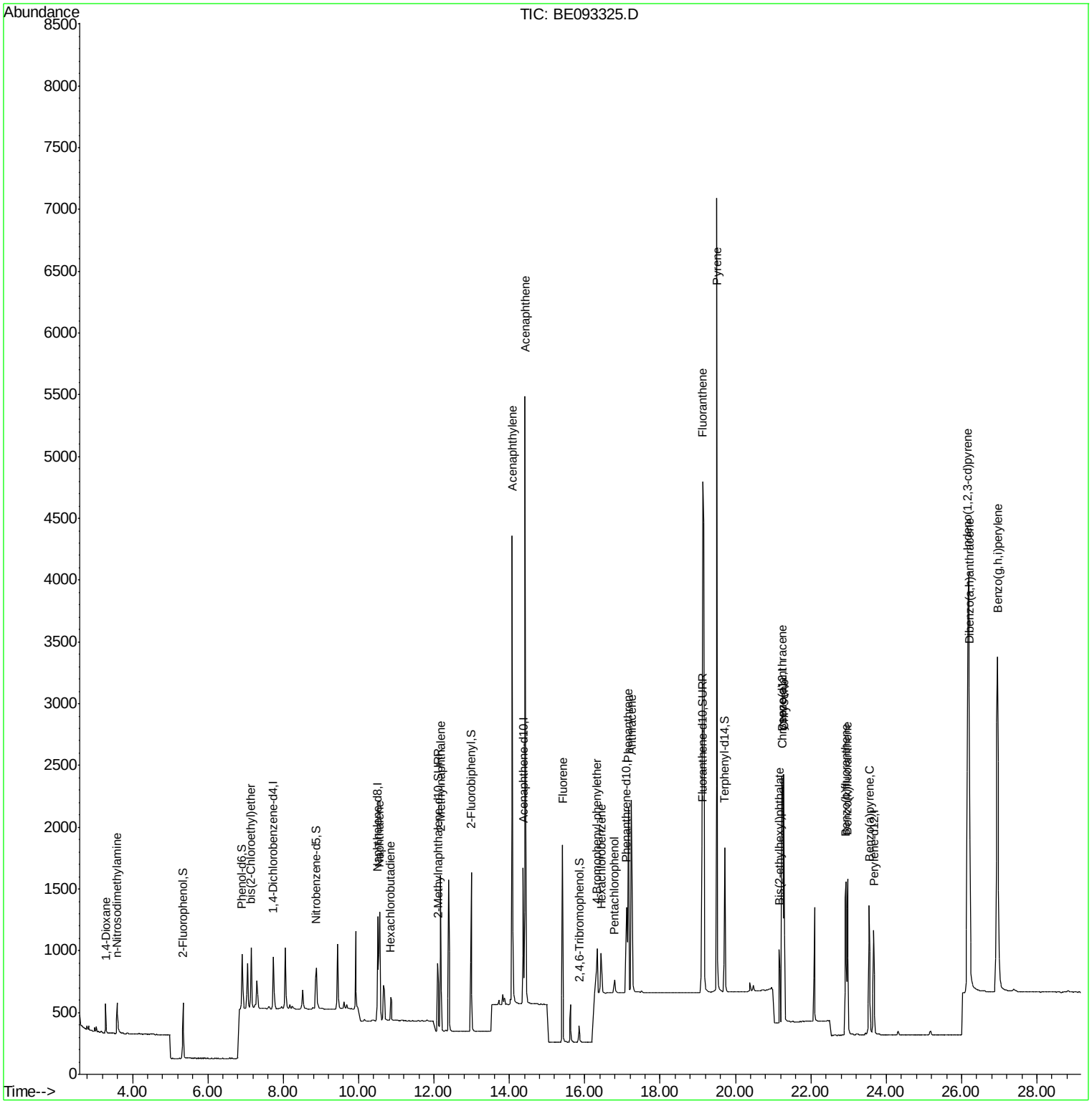
Data Path : Z:\HPCHEM1\BNA_E\DATA\BE062217\

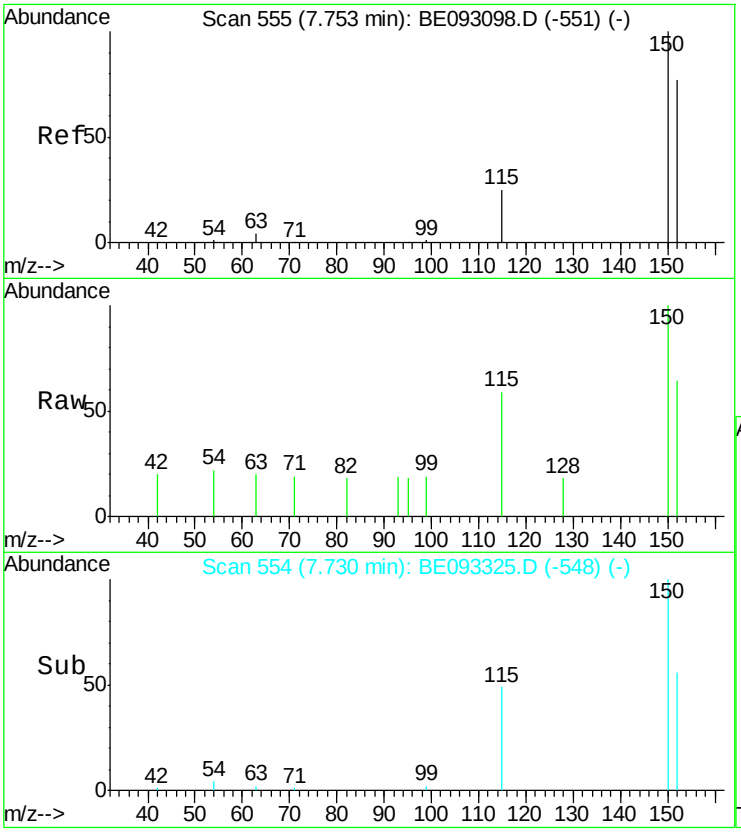
Quantitation Report (Not Reviewed)

Data File : BE093325.D
Acq On : 22 Jun 2017 12:23
Operator : SJ/JU
Sample : SSTDCCC0.4
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4

Quant Time: Jun 23 07:11:01 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



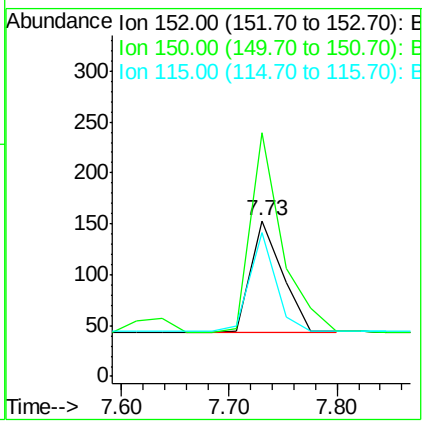


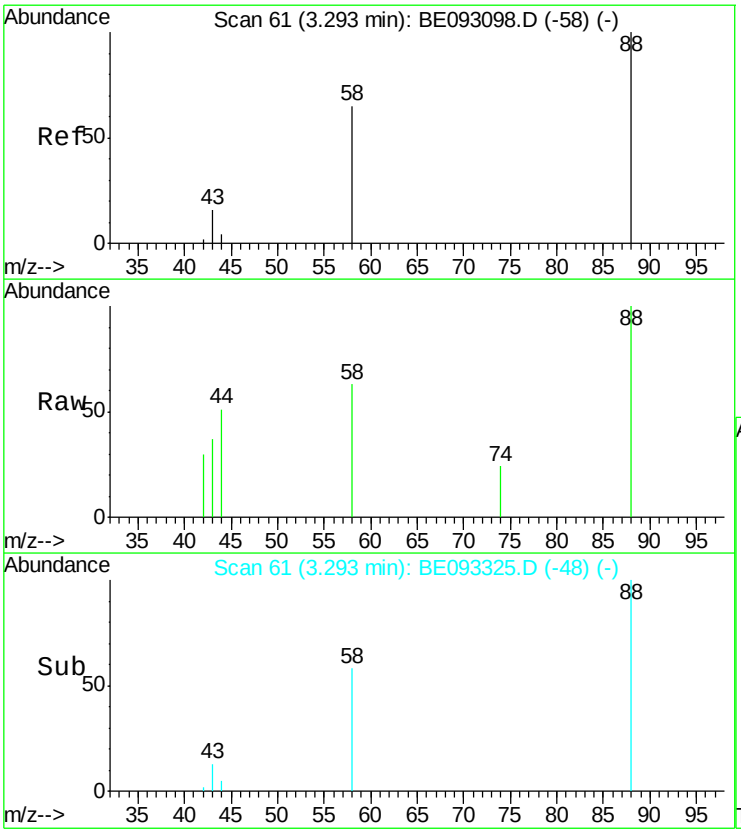
#1
1,4-Dichlorobenzene-d4
Concen: 0.40 ng
RT: 7.73 min Scan# 554
Delta R.T. -0.02 min
Lab File: BE093325.D
Acq: 22 Jun 2017 12:23

Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4

Tgt Ion:152 Resp: 225

Ion	Ratio	Lower	Upper
152	100		
150	156.2	125.1	187.7
115	92.8	55.7	83.5#

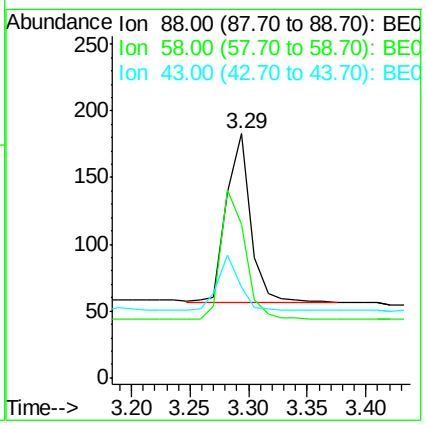


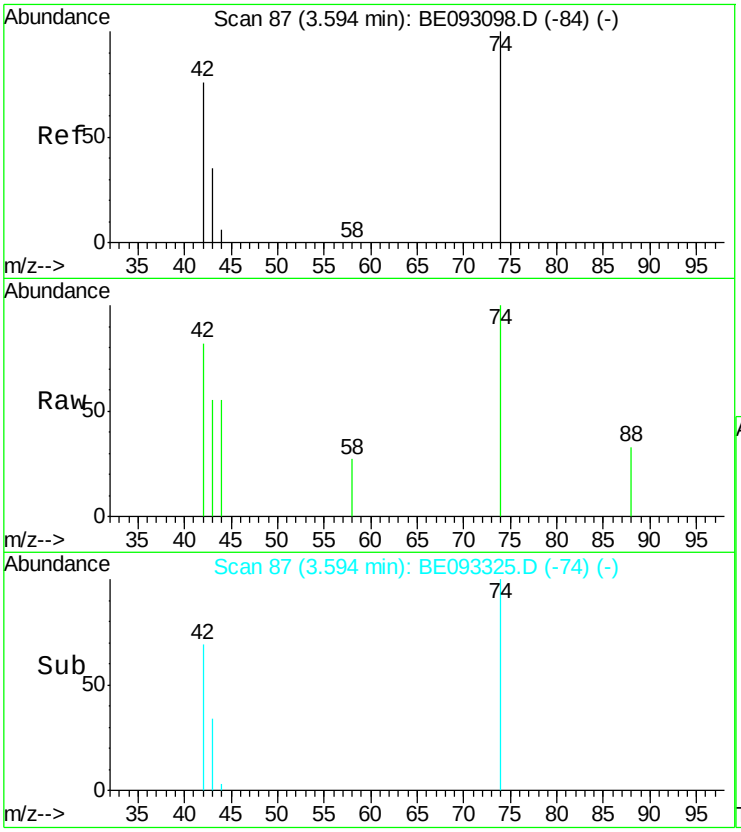


#2
1,4-Dioxane
Concen: 0.37 ng
RT: 3.29 min Scan# 61
Delta R.T. 0.00 min
Lab File: BE093325.D
Acq: 22 Jun 2017 12:23

Tgt Ion: 88 Resp: 183

Ion	Ratio	Lower	Upper
88	100		
58	74.9	62.2	93.4
43	27.9	23.2	34.8



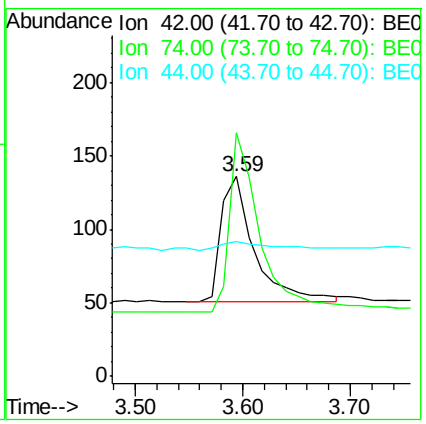


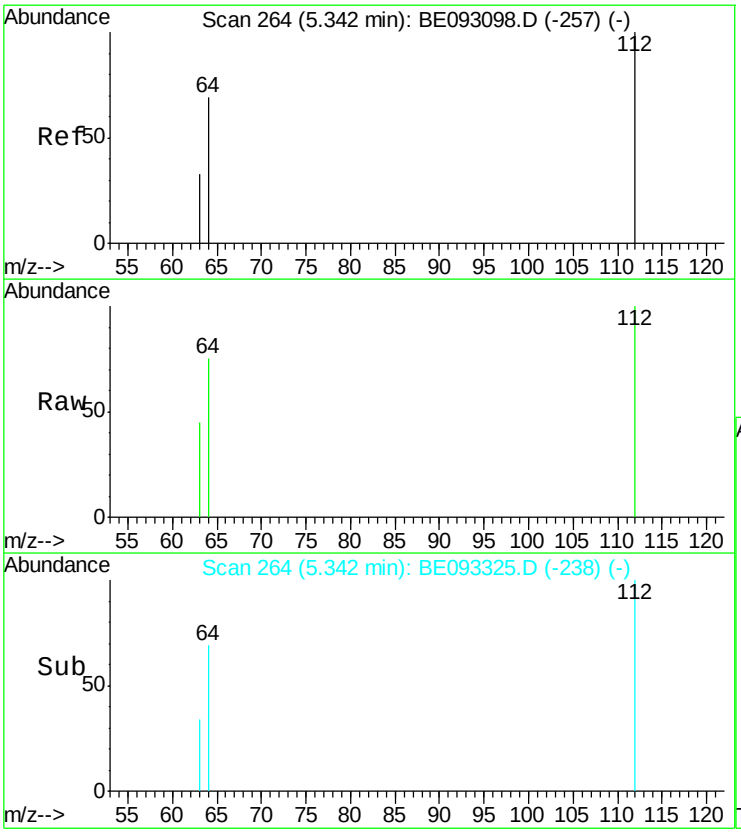
#3
n-Nitrosodimethylamine
Concen: 0.42 ng
RT: 3.59 min Scan# 87
Delta R.T. 0.00 min
Lab File: BE093325.D
Acq: 22 Jun 2017 12:23

Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4

Tgt Ion: 42 Resp: 180

Ion	Ratio	Lower	Upper
42	100		
74	130.6	99.1	148.7
44	10.6	7.4	11.2

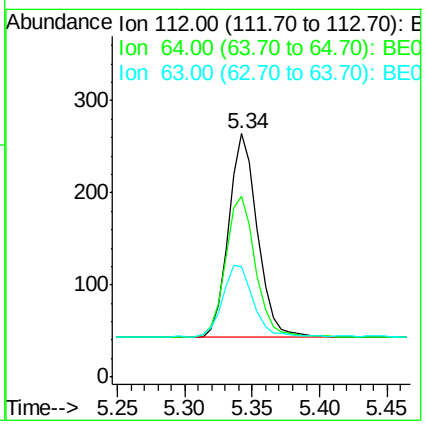


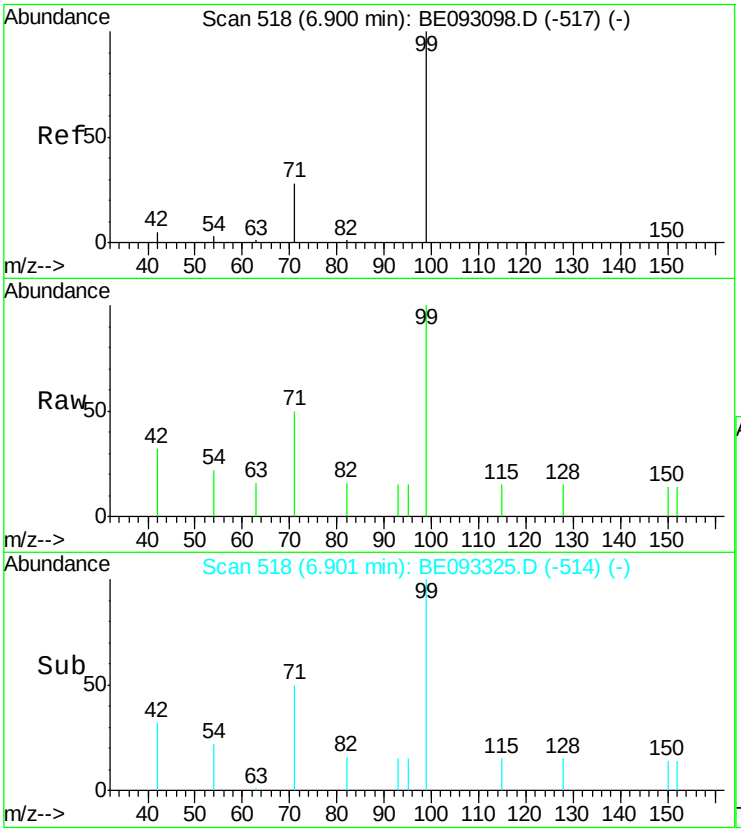


#4
2-Fluorophenol
Concen: 0.50 ng
RT: 5.34 min Scan# 264
Delta R.T. 0.00 min
Lab File: BE093325.D
Acq: 22 Jun 2017 12:23

Tgt Ion:112 Resp: 333

Ion	Ratio	Lower	Upper
112	100		
64	72.4	56.4	84.6
63	36.6	29.3	43.9



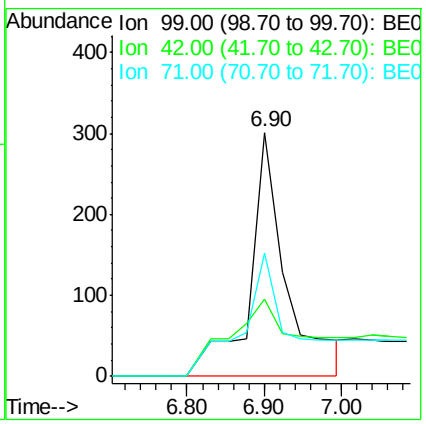


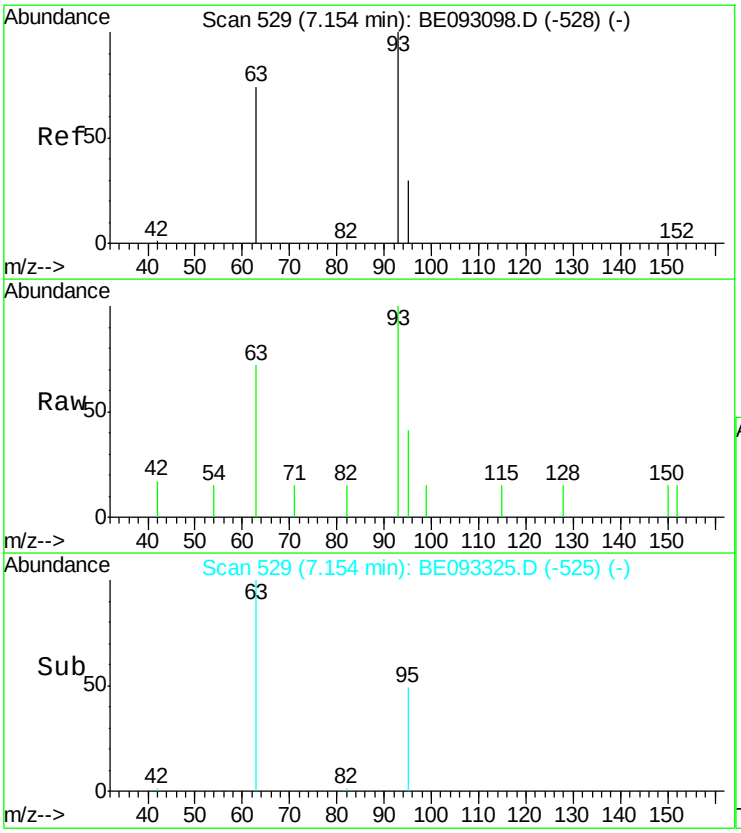
#5
Phenol-d6
Concen: 1.05 ng
RT: 6.90 min Scan# 518
Delta R.T. 0.00 min
Lab File: BE093325.D
Acq: 22 Jun 2017 12:23

Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4

Tgt Ion: 99 Resp: 1021

Ion	Ratio	Lower	Upper
99	100		
42	57.8	0.0	0.0#
71	63.0	0.0	0.0#

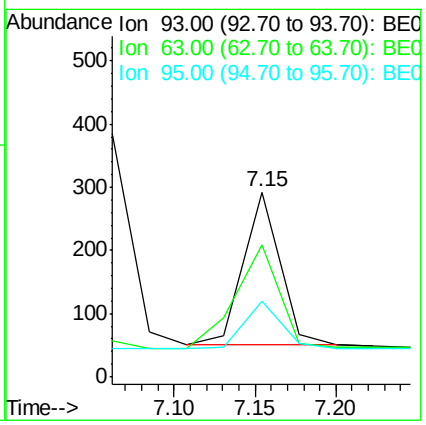


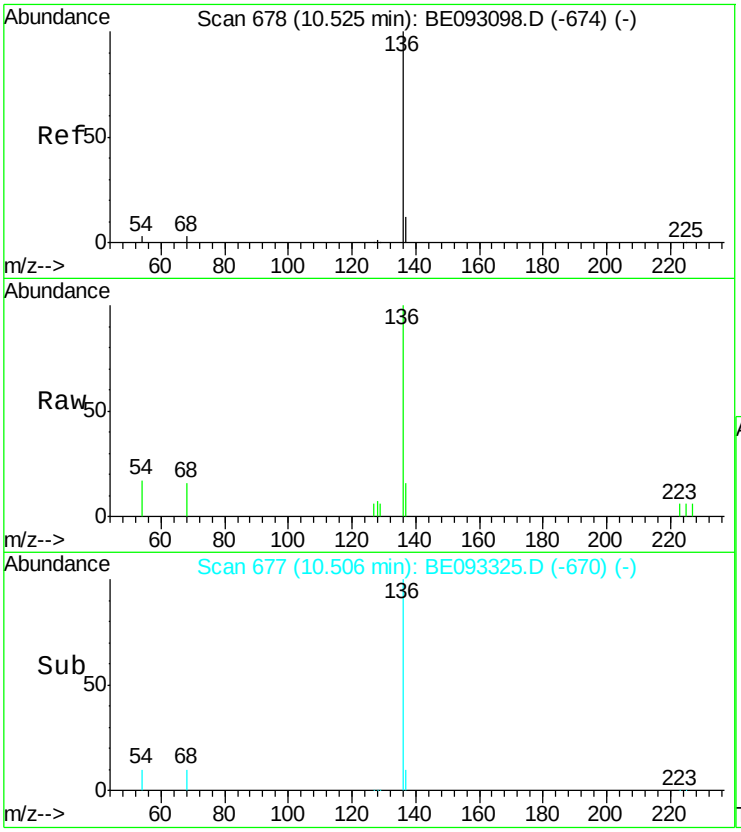


#6
bis(2-Chloroethyl)ether
Concen: 0.45 ng
RT: 7.15 min Scan# 529
Delta R.T. 0.00 min
Lab File: BE093325.D
Acq: 22 Jun 2017 12:23

Tgt Ion: 93 Resp: 379

Ion	Ratio	Lower	Upper
93	100		
63	82.3	0.0	0.0#
95	32.5	25.4	38.0



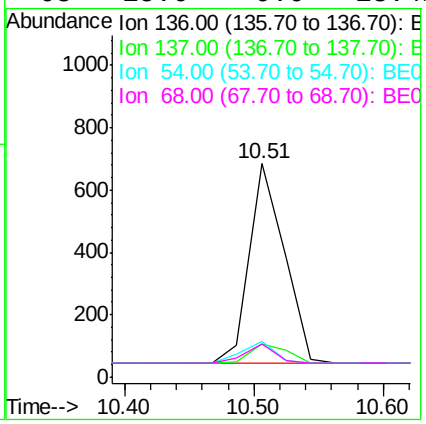


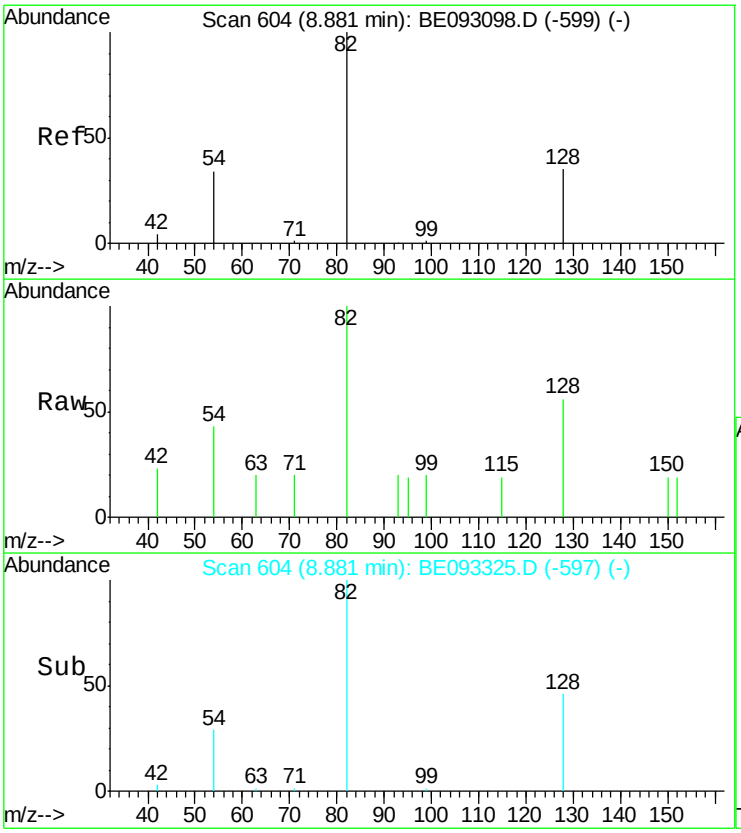
#7
Naphthalene-d8
Concen: 0.40 ng
RT: 10.51 min Scan# 677
Delta R.T. -0.02 min
Lab File: BE093325.D
Acq: 22 Jun 2017 12:23

Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4

Tgt Ion:136 Resp: 1217

Ion	Ratio	Lower	Upper
136	100		
137	15.8	9.8	14.8#
54	16.9	10.3	15.5#
68	15.6	9.0	13.4#

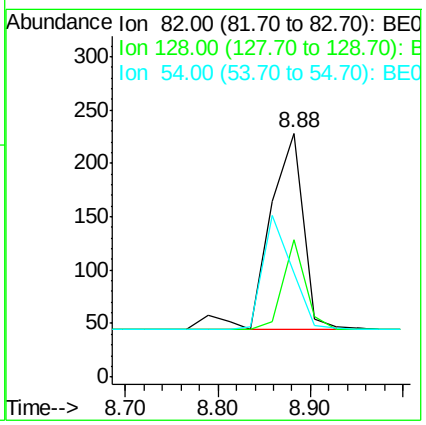


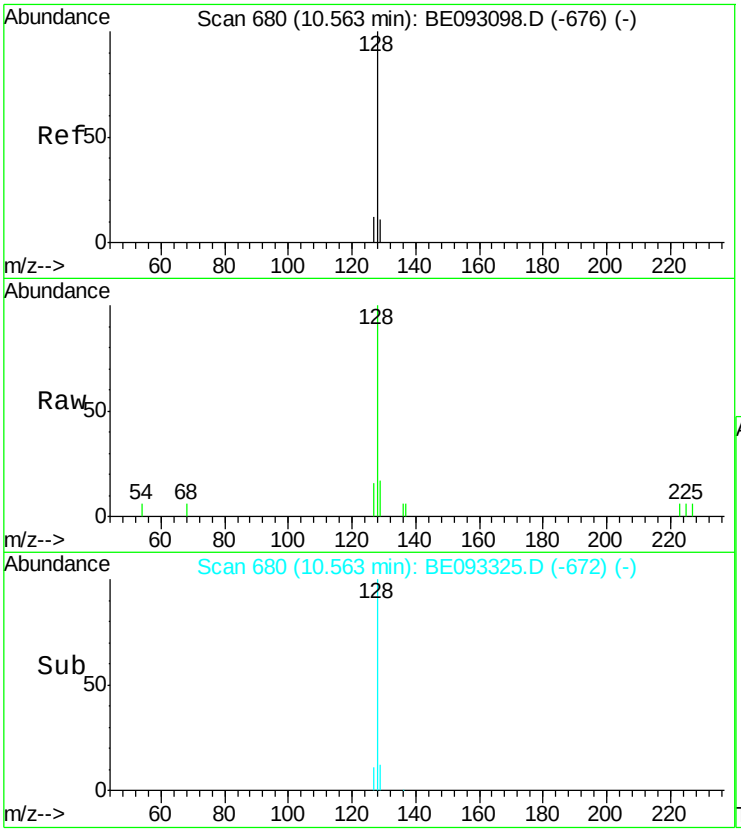


#8
Nitrobenzene-d5
Concen: 0.48 ng
RT: 8.88 min Scan# 604
Delta R.T. 0.00 min
Lab File: BE093325.D
Acq: 22 Jun 2017 12:23

Tgt Ion: 82 Resp: 471

Ion	Ratio	Lower	Upper
82	100		
128	56.1	17.0	25.4#
54	42.5	53.8	80.6#



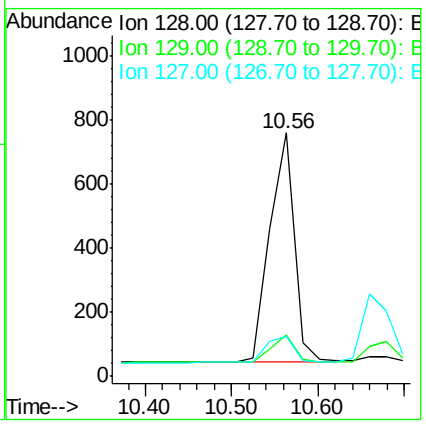


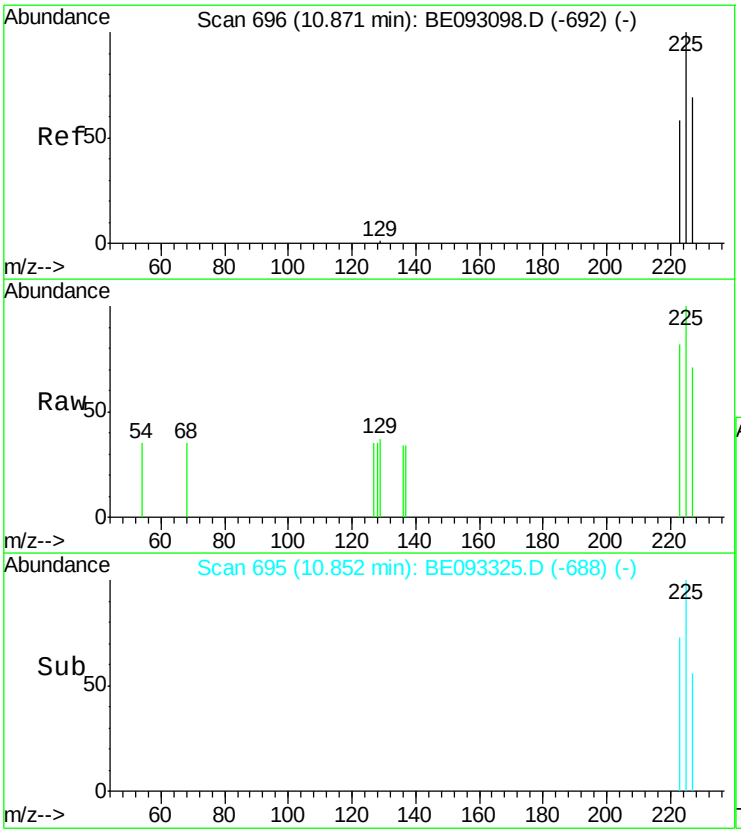
#9
Naphthalene
Concen: 0.43 ng
RT: 10.56 min Scan# 680
Delta R.T. -0.00 min
Lab File: BE093325.D
Acq: 22 Jun 2017 12:23

Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4

Tgt Ion:128 Resp: 1403

Ion	Ratio	Lower	Upper
128	100		
129	16.7	11.4	17.0
127	16.3	11.2	16.8

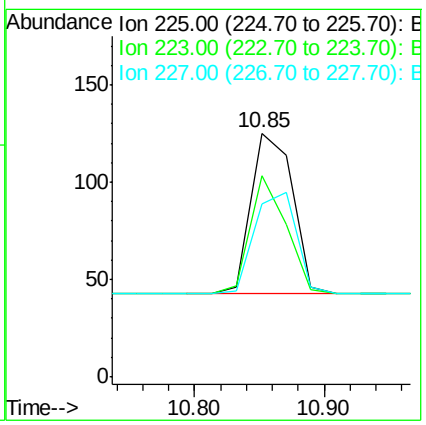


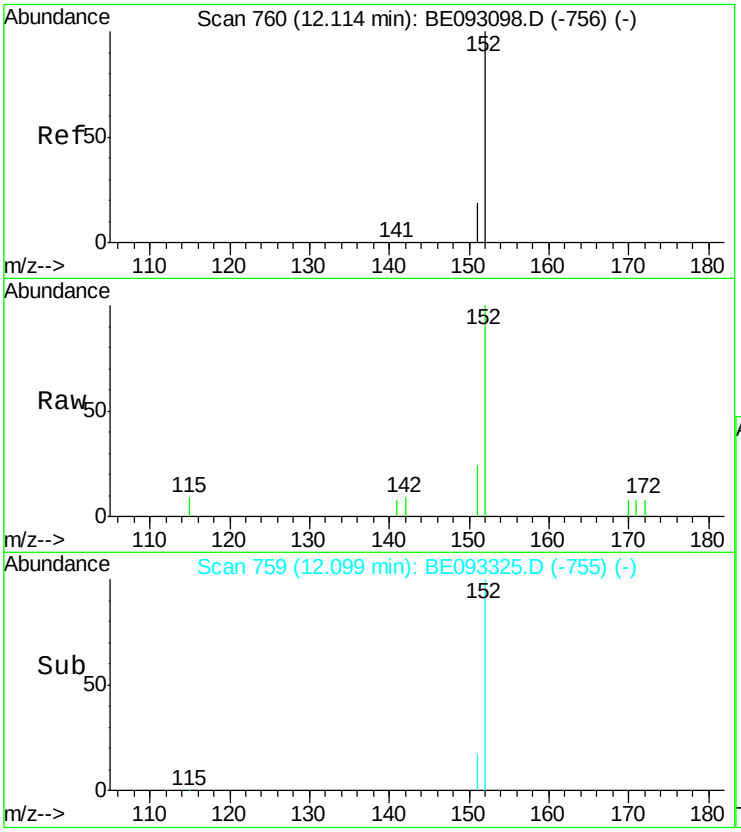


#10
Hexachlorobutadiene
Concen: 0.41 ng
RT: 10.85 min Scan# 695
Delta R.T. -0.02 min
Lab File: BE093325.D
Acq: 22 Jun 2017 12:23

Tgt Ion:225 Resp: 183

Ion	Ratio	Lower	Upper
225	100		
223	63.4	49.7	74.5
227	64.5	50.3	75.5



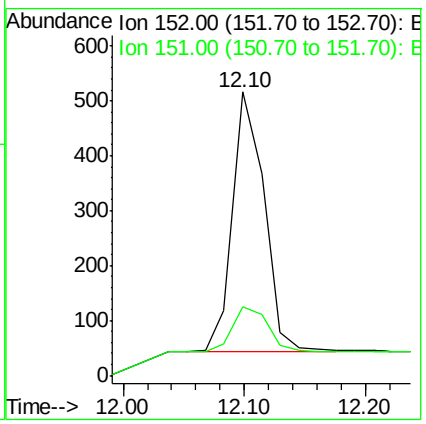


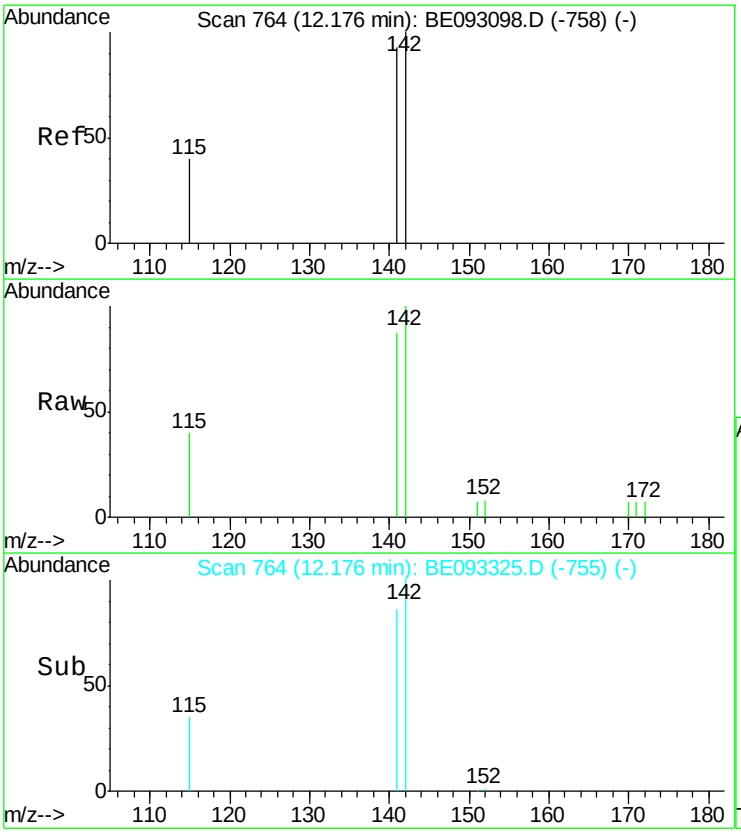
#11
2-Methylnaphthalene-d10
Concen: 0.47 ng
RT: 12.10 min Scan# 759
Delta R.T. -0.01 min
Lab File: BE093325.D
Acq: 22 Jun 2017 12:23

Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4

Tgt Ion:152 Resp: 852

Ion	Ratio	Lower	Upper
152	100		
151	19.2	15.1	22.7

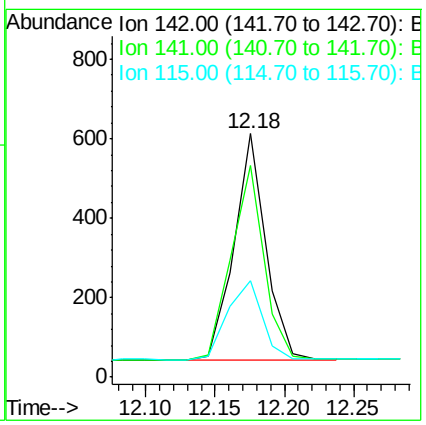


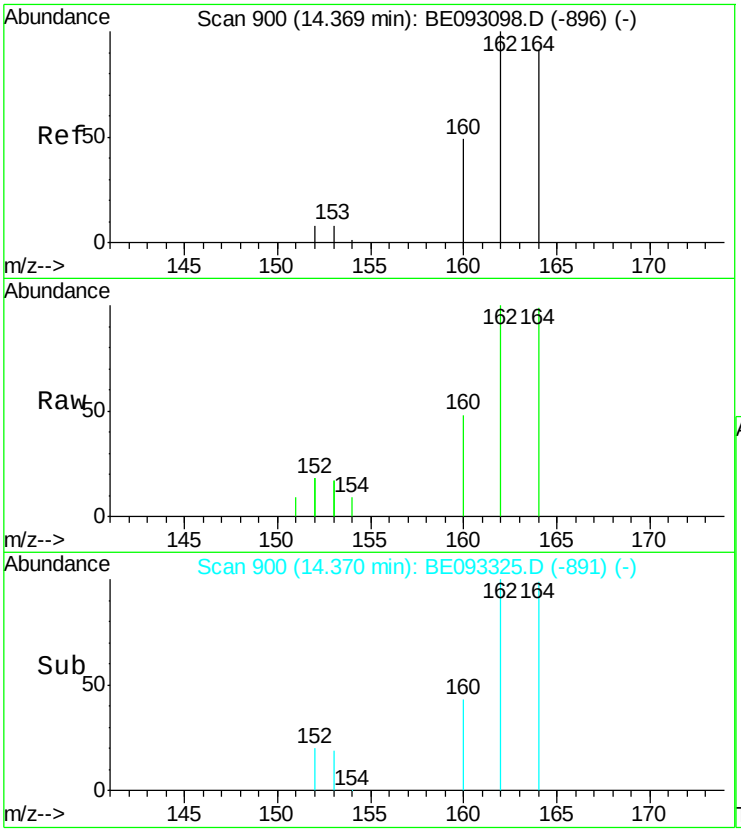


#12
2-Methylnaphthalene
Concen: 0.45 ng
RT: 12.18 min Scan# 764
Delta R.T. 0.00 min
Lab File: BE093325.D
Acq: 22 Jun 2017 12:23

Tgt Ion:142 Resp: 913

Ion	Ratio	Lower	Upper
142	100		
141	87.1	72.6	108.8
115	39.6	32.2	48.2



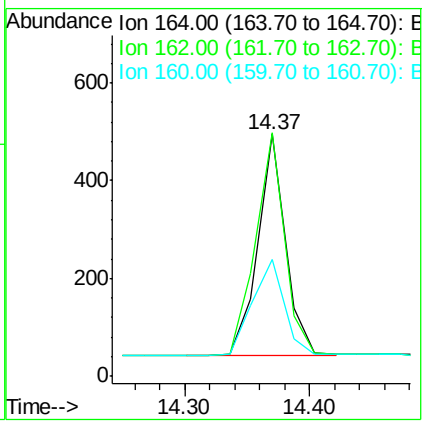


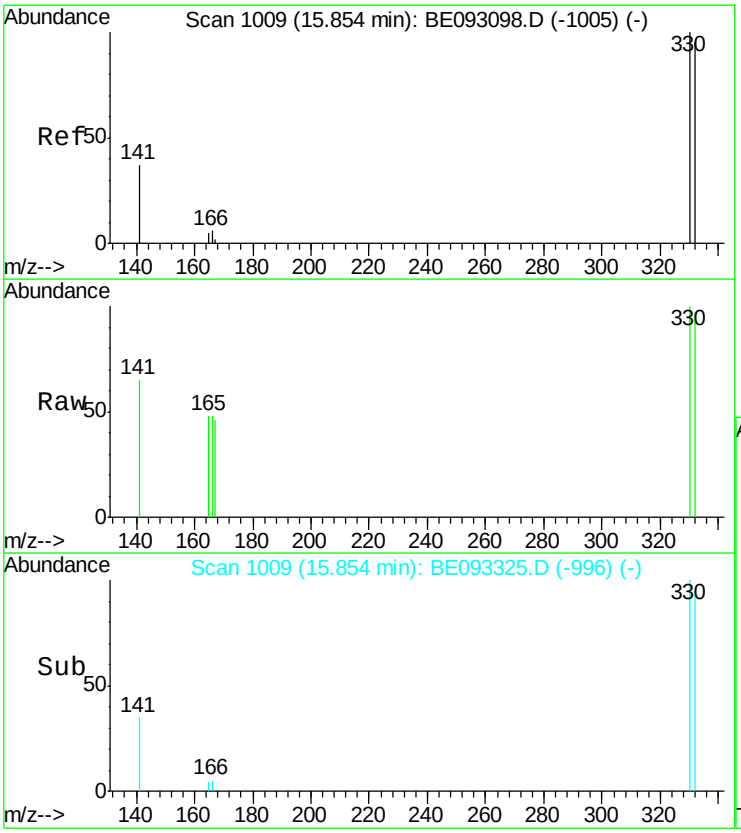
#13
Acenaphthene-d10
Concen: 0.40 ng
RT: 14.37 min Scan# 900
Delta R.T. 0.00 min
Lab File: BE093325.D
Acq: 22 Jun 2017 12:23

Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4

Tgt Ion:164 Resp: 688

Ion	Ratio	Lower	Upper
164	100		
162	100.6	84.6	127.0
160	48.5	41.8	62.6

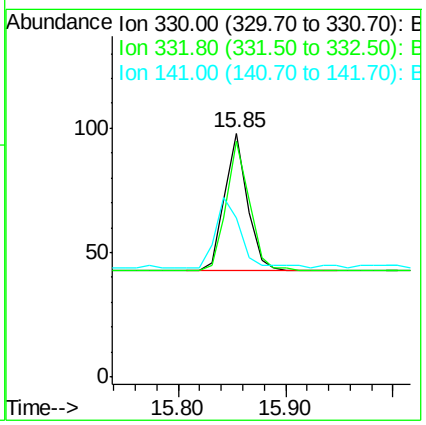


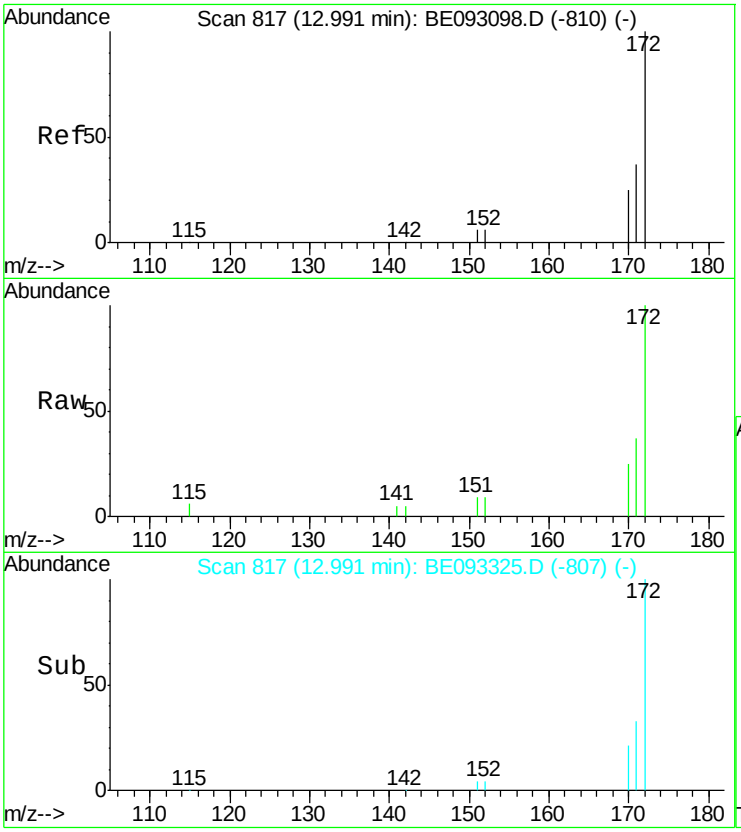


#14
2,4,6-Tribromophenol
Concen: 0.50 ng
RT: 15.85 min Scan# 1009
Delta R.T. 0.00 min
Lab File: BE093325.D
Acq: 22 Jun 2017 12:23

Tgt Ion:330 Resp: 79

Ion	Ratio	Lower	Upper
330	100		
332	96.2	77.7	116.5
141	57.0	56.2	84.4



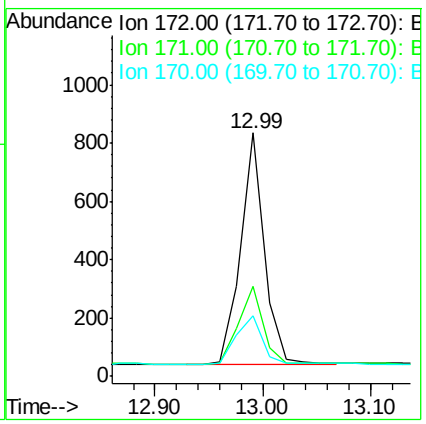


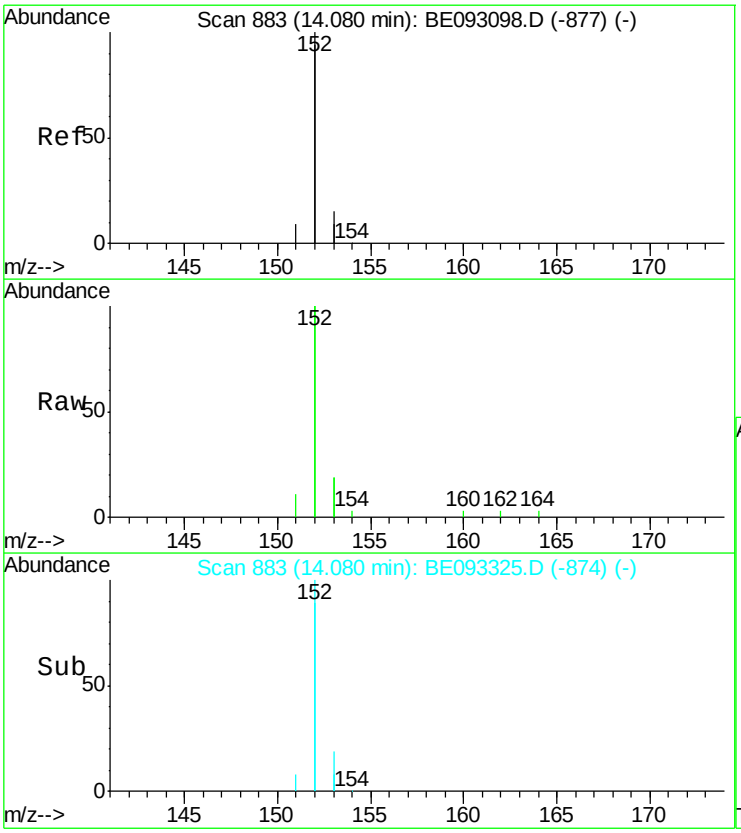
#15
2-Fluorobiphenyl
Concen: 0.41 ng
RT: 12.99 min Scan# 817
Delta R.T. 0.00 min
Lab File: BE093325.D
Acq: 22 Jun 2017 12:23

Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4

Tgt Ion:172 Resp: 1202

Ion	Ratio	Lower	Upper
172	100		
171	36.9	29.8	44.6
170	24.9	20.7	31.1

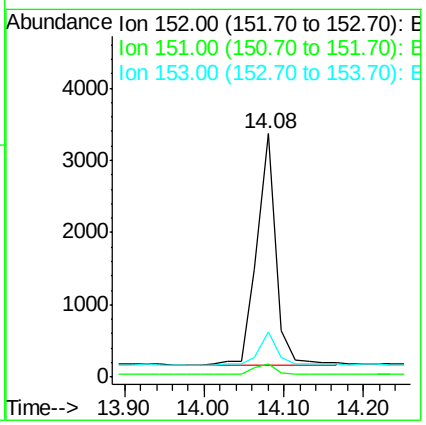


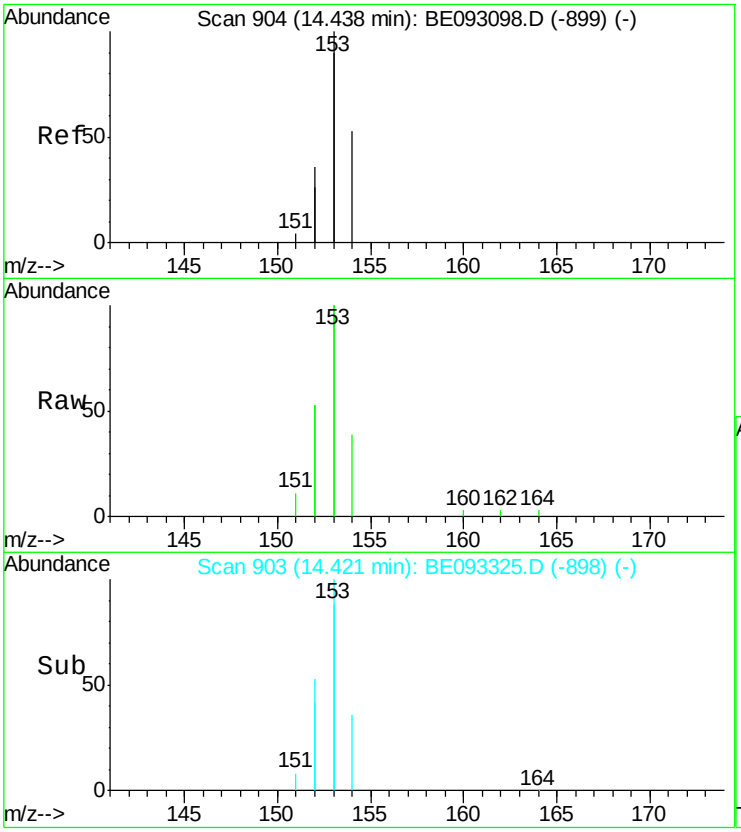


#16
Acenaphthylene
Concen: 0.45 ng
RT: 14.08 min Scan# 883
Delta R.T. 0.00 min
Lab File: BE093325.D
Acq: 22 Jun 2017 12:23

Tgt Ion:152 Resp: 5346

Ion	Ratio	Lower	Upper
152	100		
151	4.9	4.0	6.0
153	13.4	10.3	15.5



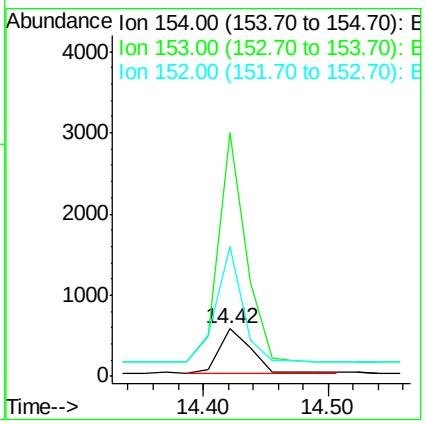


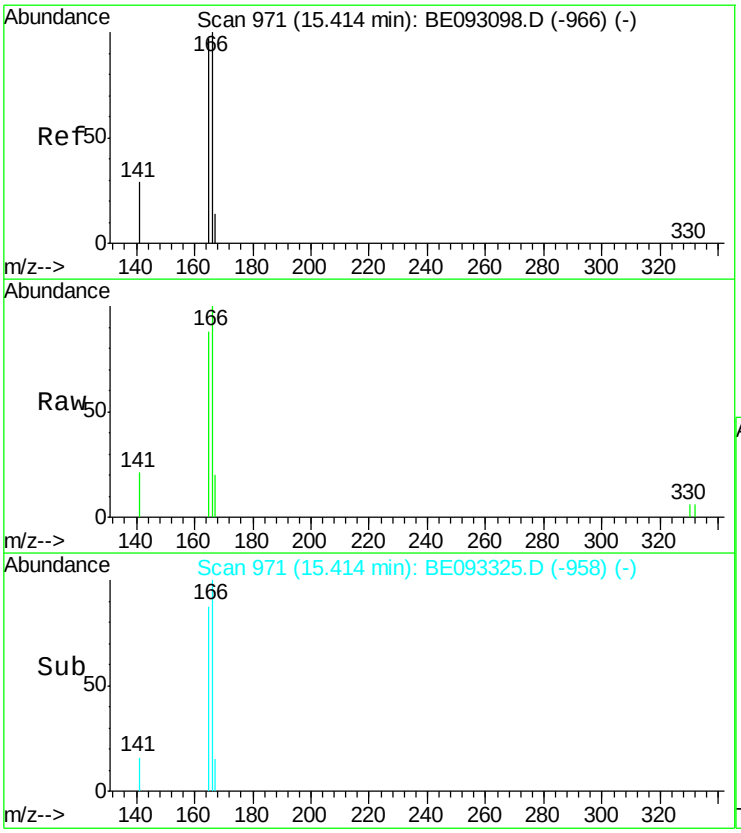
#17
Acenaphthene
Concen: 0.42 ng
RT: 14.42 min Scan# 903
Delta R.T. -0.02 min
Lab File: BE093325.D
Acq: 22 Jun 2017 12:23

Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4

Tgt Ion:154 Resp: 933

Ion	Ratio	Lower	Upper
154	100		
153	460.8	367.8	551.6
152	227.0	188.2	282.2

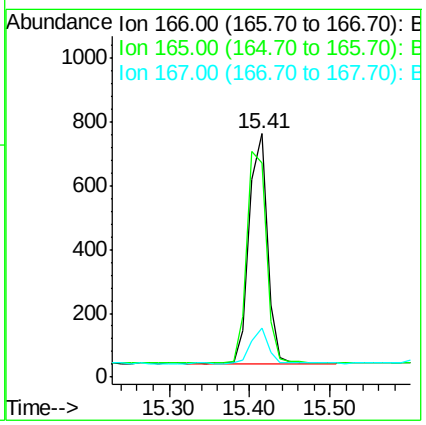


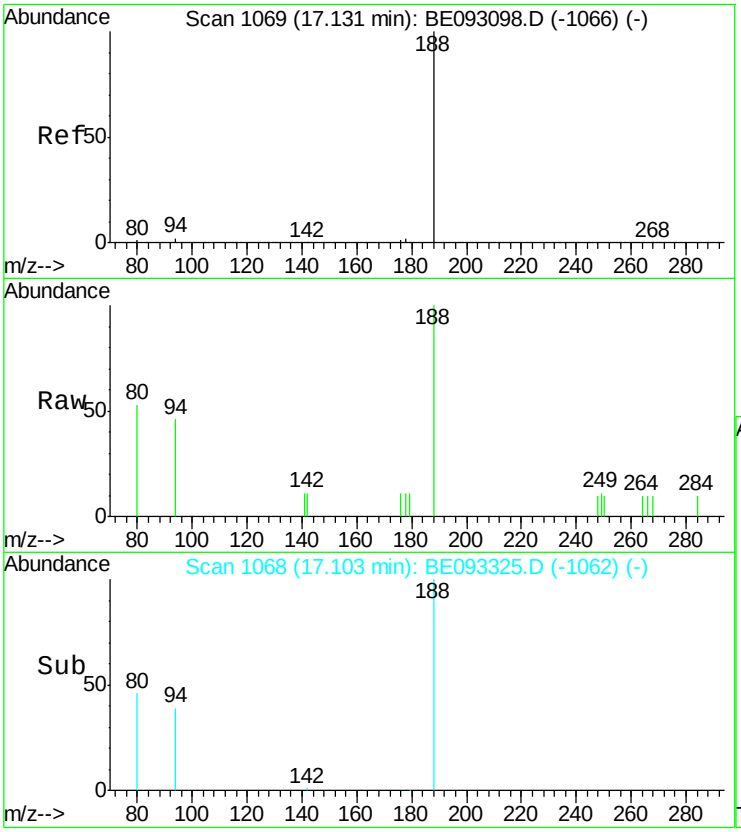


#18
Fluorene
Concen: 0.42 ng
RT: 15.41 min Scan# 971
Delta R.T. 0.00 min
Lab File: BE093325.D
Acq: 22 Jun 2017 12:23

Tgt Ion:166 Resp: 1133

Ion	Ratio	Lower	Upper
166	100		
165	98.6	78.6	117.8
167	14.1	11.1	16.7



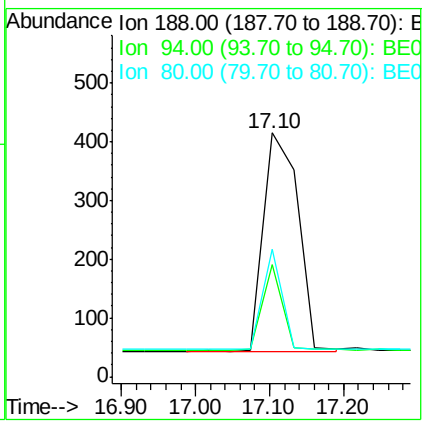


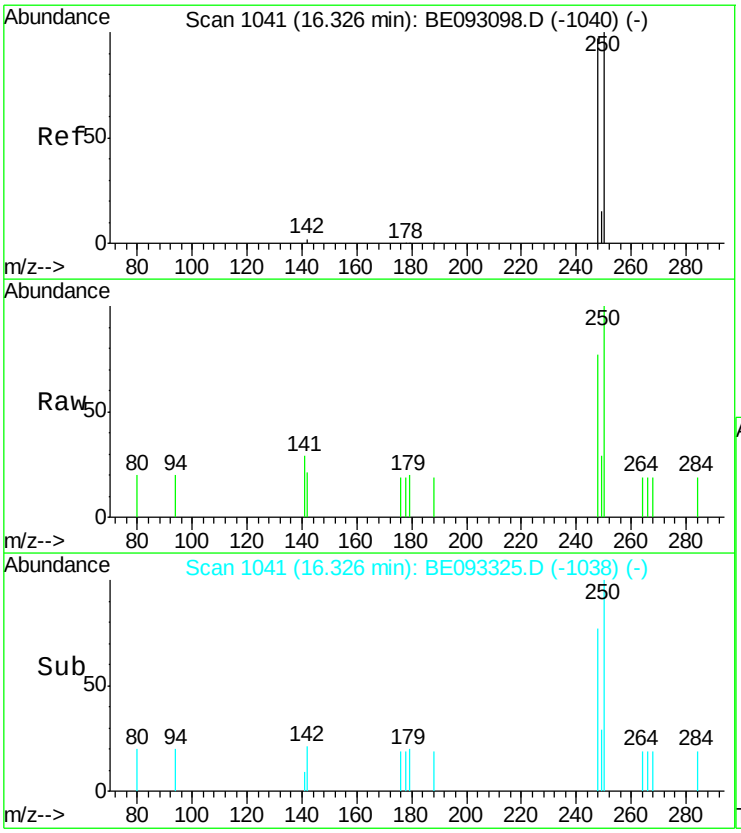
#19
Phenanthrene-d10
Concen: 0.40 ng
RT: 17.10 min Scan# 1068
Delta R.T. -0.03 min
Lab File: BE093325.D
Acq: 22 Jun 2017 12:23

Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4

Tgt Ion:188 Resp: 1196

Ion	Ratio	Lower	Upper
188	100		
94	46.0	11.3	16.9#
80	52.5	11.7	17.5#

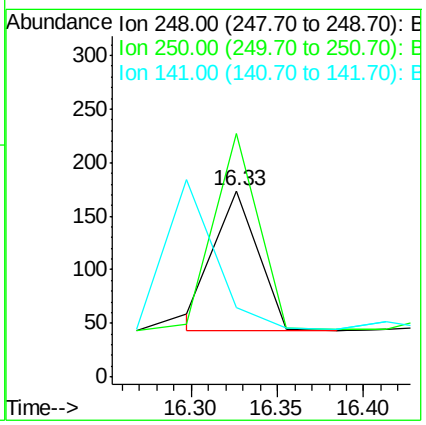


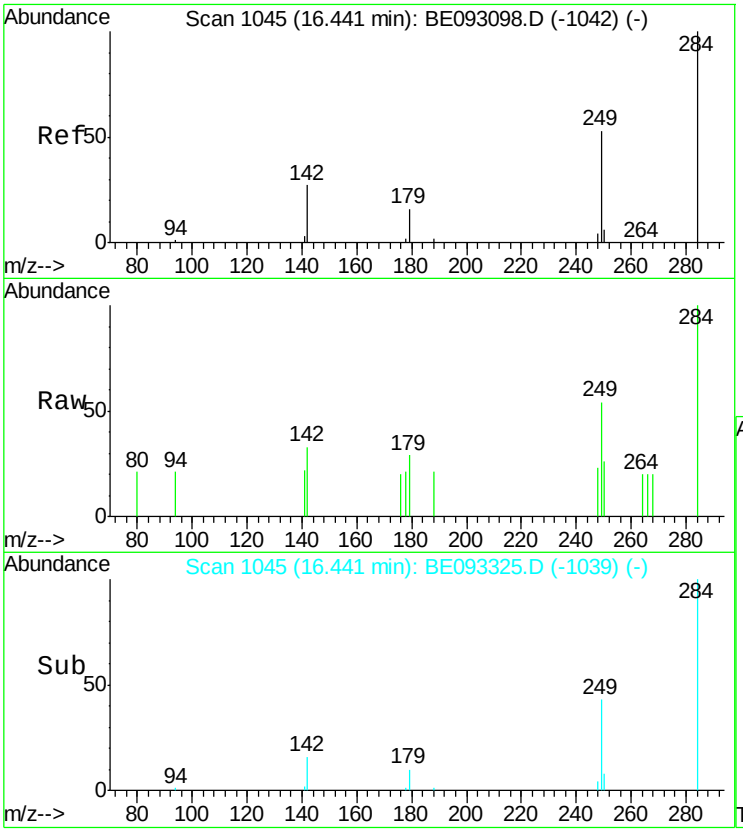


#20
4-Bromophenyl-phenylether
Concen: 0.32 ng
RT: 16.33 min Scan# 1041
Delta R.T. 0.00 min
Lab File: BE093325.D
Acq: 22 Jun 2017 12:23

Tgt Ion:248 Resp: 230

Ion	Ratio	Lower	Upper
248	100		
250	130.5	100.0	150.0
141	37.4	40.0	60.0#



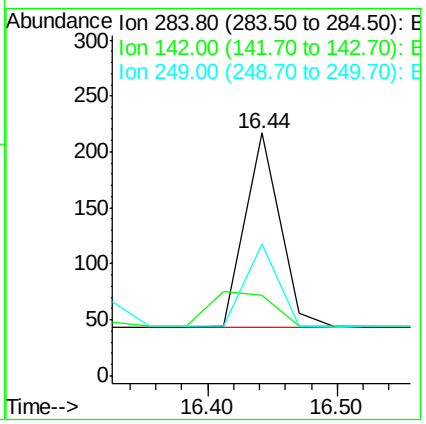


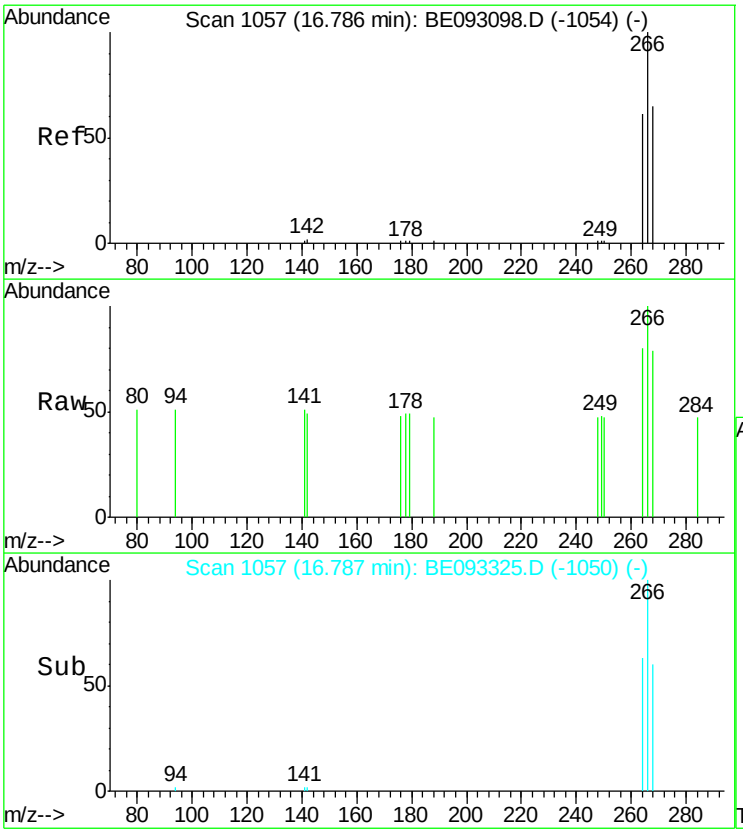
#21
Hexachlorobenzene
Concen: 0.51 ng
RT: 16.44 min Scan# 1045
Delta R.T. 0.00 min
Lab File: BE093325.D
Acq: 22 Jun 2017 12:23

Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4

Tgt Ion:284 Resp: 325

Ion	Ratio	Lower	Upper
284	100		
142	0.0	0.0	0.0
249	41.5	0.0	0.0#

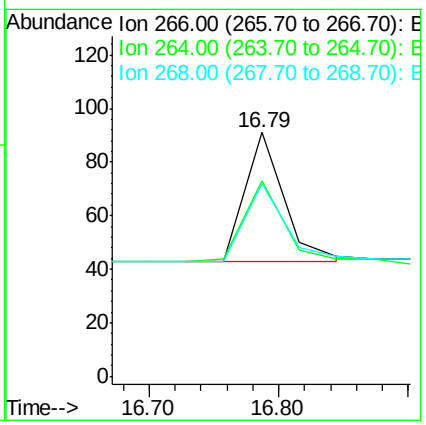


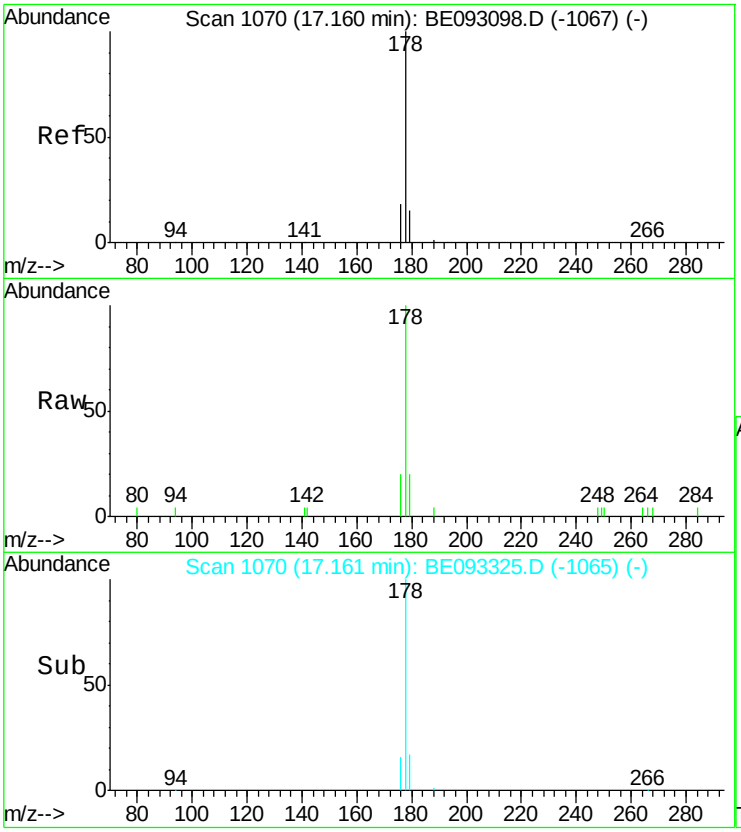


#22
Pentachlorophenol
Concen: 0.47 ng
RT: 16.79 min Scan# 1057
Delta R.T. 0.00 min
Lab File: BE093325.D
Acq: 22 Jun 2017 12:23

Tgt Ion:266 Resp: 98

Ion	Ratio	Lower	Upper
266	100		
264	80.2	58.2	87.2
268	79.1	71.9	107.9



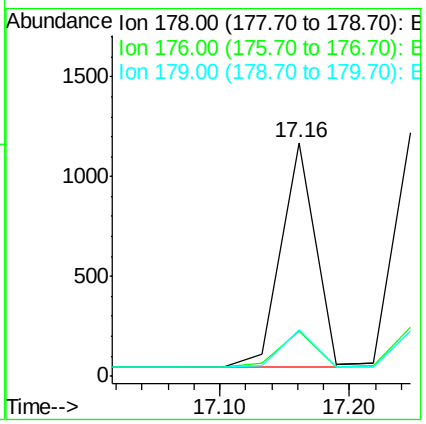


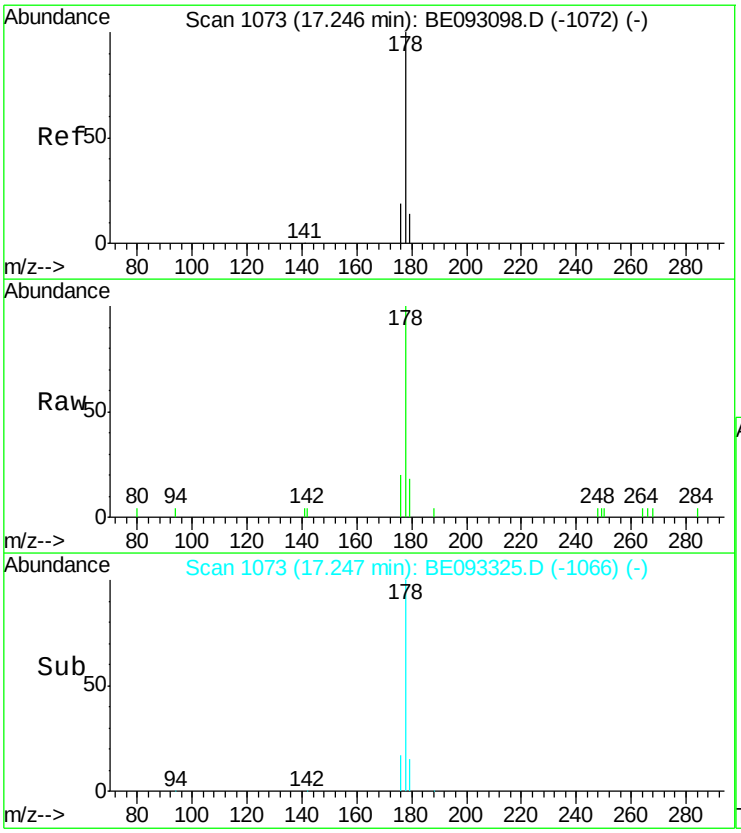
#23
Phenanthrene
Concen: 0.38 ng
RT: 17.16 min Scan# 1070
Delta R.T. 0.00 min
Lab File: BE093325.D
Acq: 22 Jun 2017 12:23

Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4

Tgt Ion:178 Resp: 2075

Ion	Ratio	Lower	Upper
178	100		
176	17.2	15.0	22.4
179	16.6	12.7	19.1

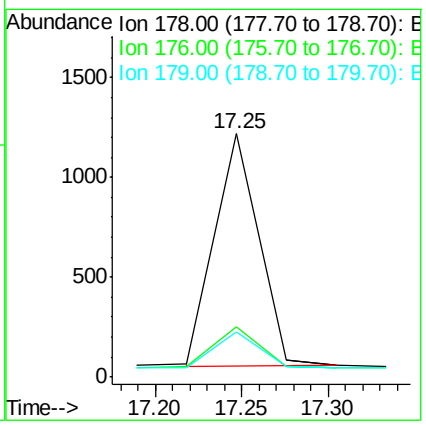


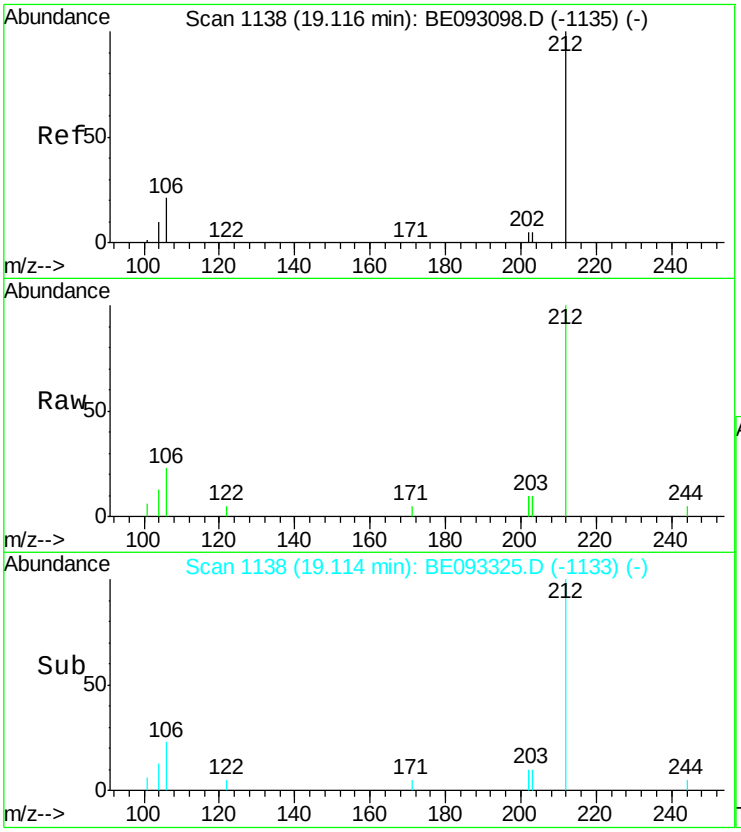


#24
Anthracene
Concen: 0.45 ng
RT: 17.25 min Scan# 1073
Delta R.T. 0.00 min
Lab File: BE093325.D
Acq: 22 Jun 2017 12:23

Tgt Ion:178 Resp: 2070

Ion	Ratio	Lower	Upper
178	100		
176	17.8	14.6	22.0
179	15.3	12.0	18.0



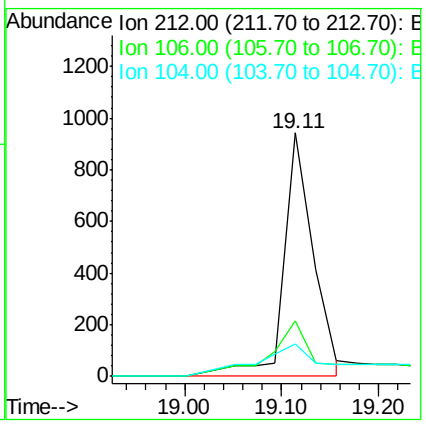


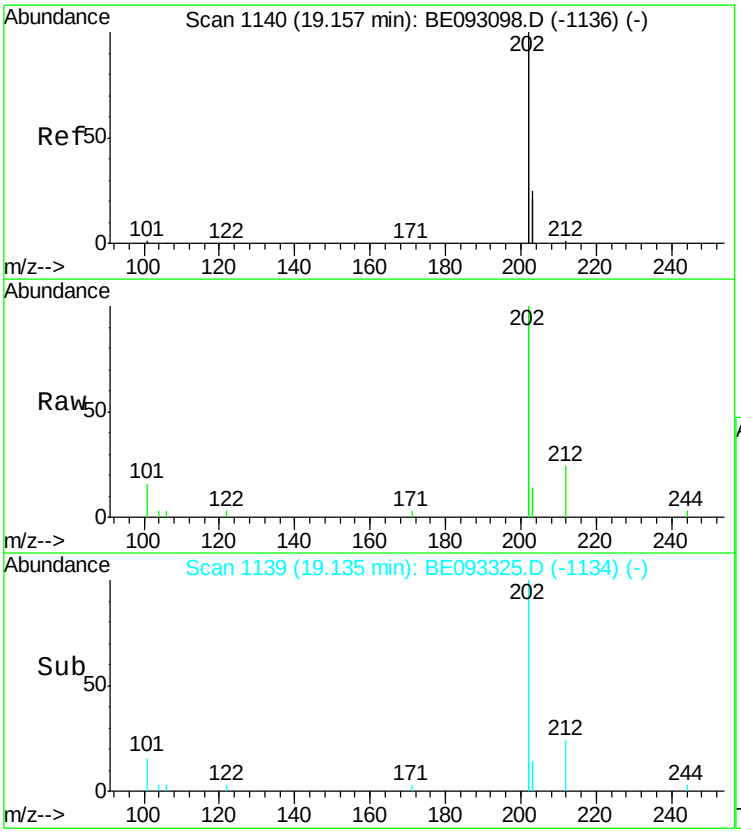
#25
Fluoranthene-d10
Concen: 0.61 ng
RT: 19.11 min Scan# 1138
Delta R.T. -0.00 min
Lab File: BE093325.D
Acq: 22 Jun 2017 12:23

Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4

Tgt Ion:212 Resp: 2386

Ion	Ratio	Lower	Upper
212	100		
106	32.0	0.0	0.0#
104	25.6	0.0	0.0#

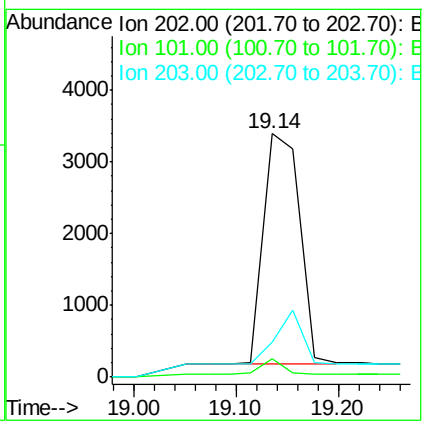


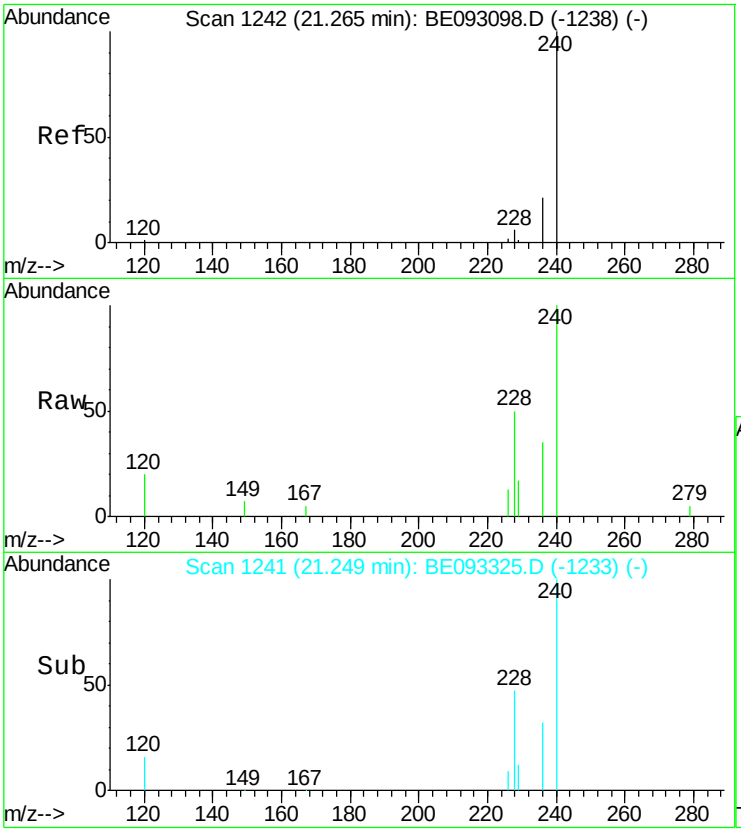


#26
Fluoranthene
Concen: 0.41 ng
RT: 19.14 min Scan# 1139
Delta R.T. -0.02 min
Lab File: BE093325.D
Acq: 22 Jun 2017 12:23

Tgt Ion:202 Resp: 7988

Ion	Ratio	Lower	Upper
202	100		
101	4.0	0.0	0.0#
203	0.0	14.4	21.6#



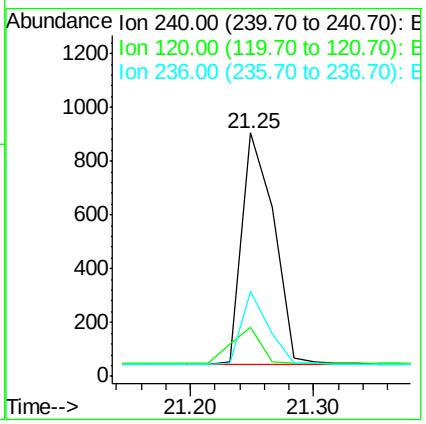


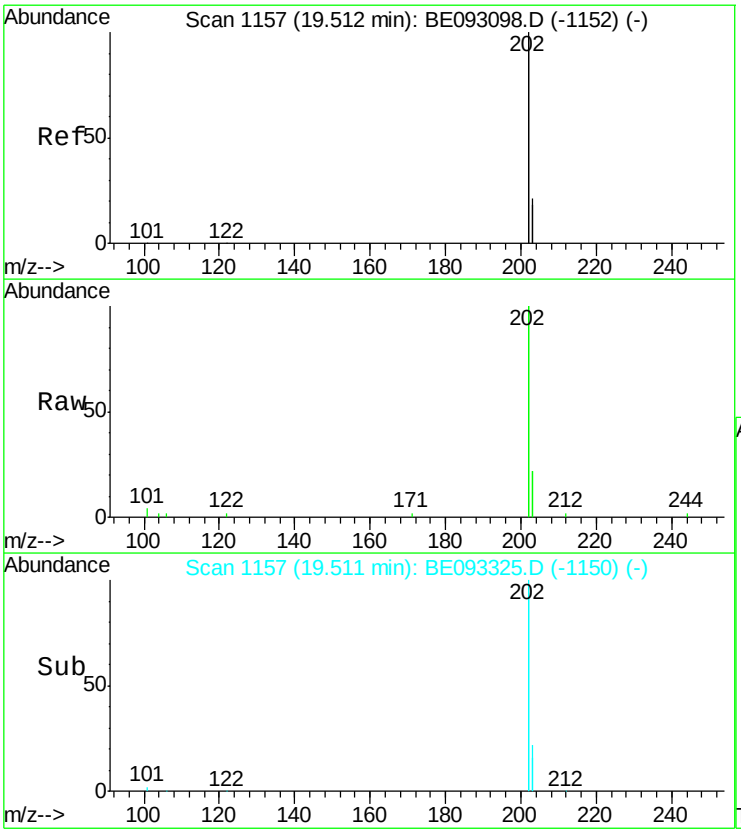
#27
Chrysene-d12
Concen: 0.40 ng
RT: 21.25 min Scan# 1241
Delta R.T. -0.02 min
Lab File: BE093325.D
Acq: 22 Jun 2017 12:23

Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4

Tgt Ion:240 Resp: 1563

Ion	Ratio	Lower	Upper
240	100		
120	20.1	4.6	7.0#
236	34.9	20.8	31.2#

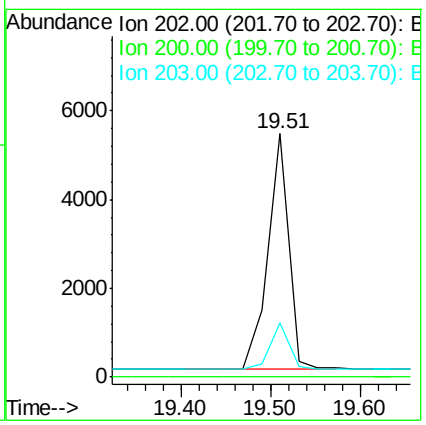


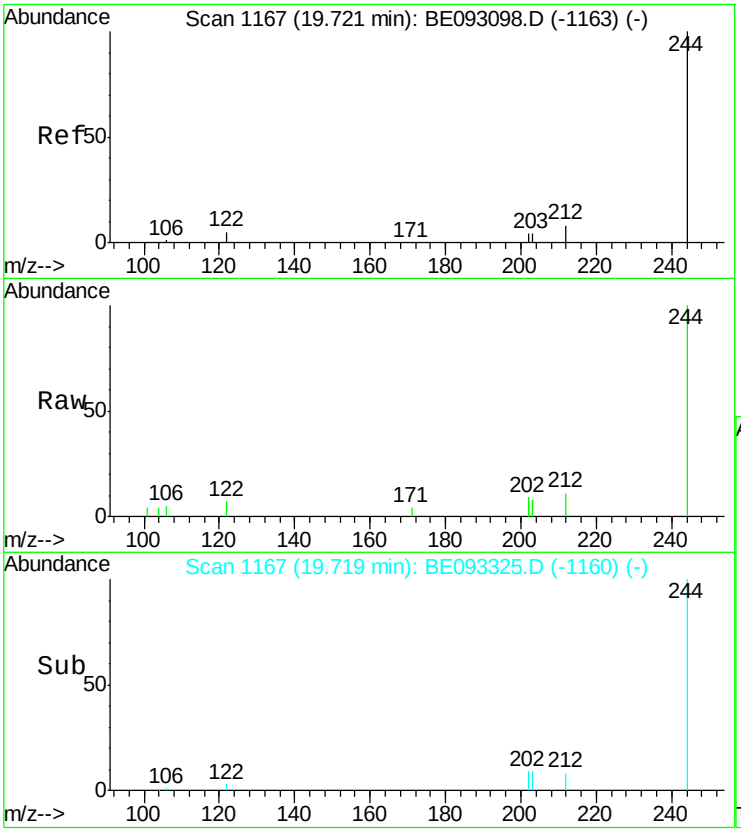


#28
Pyrene
Concen: 0.45 ng
RT: 19.51 min Scan# 1157
Delta R.T. -0.00 min
Lab File: BE093325.D
Acq: 22 Jun 2017 12:23

Tgt Ion:202 Resp: 8648

Ion	Ratio	Lower	Upper
202	100		
200	0.0	0.0	0.0
203	18.0	13.7	20.5



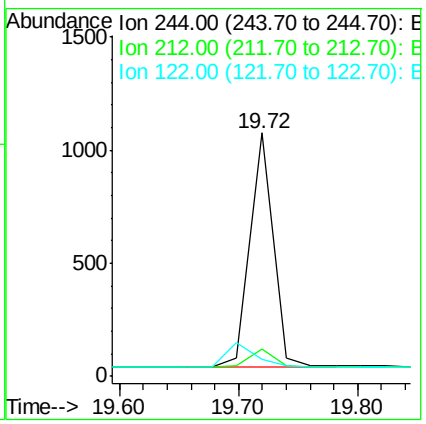


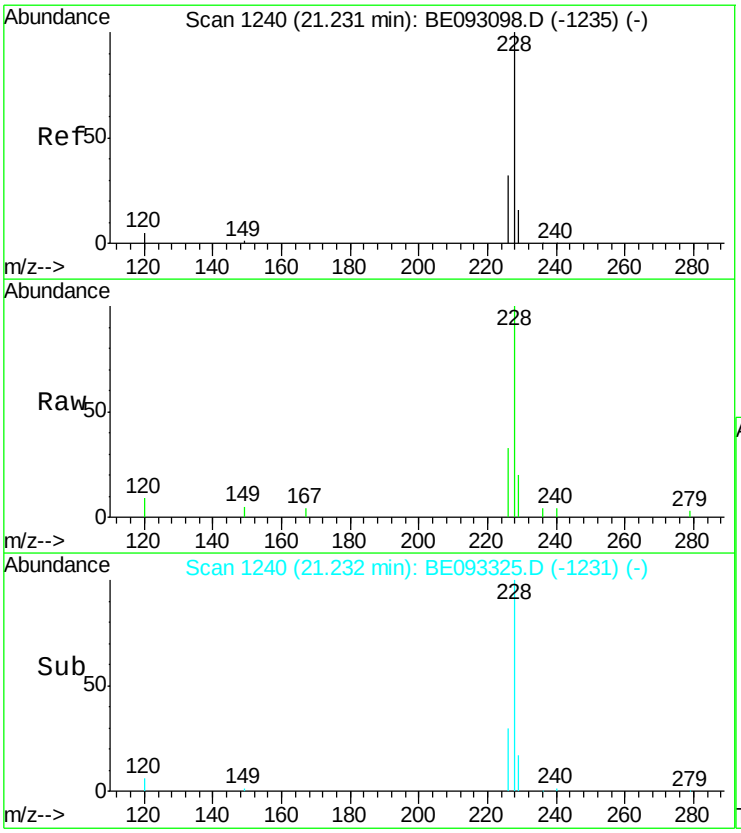
#29
Terphenyl-d14
Concen: 0.47 ng
RT: 19.72 min Scan# 1167
Delta R.T. -0.00 min
Lab File: BE093325.D
Acq: 22 Jun 2017 12:23

Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4

Tgt Ion:244 Resp: 1406

Ion	Ratio	Lower	Upper
244	100		
212	11.4	10.6	16.0
122	7.1	15.4	23.0#

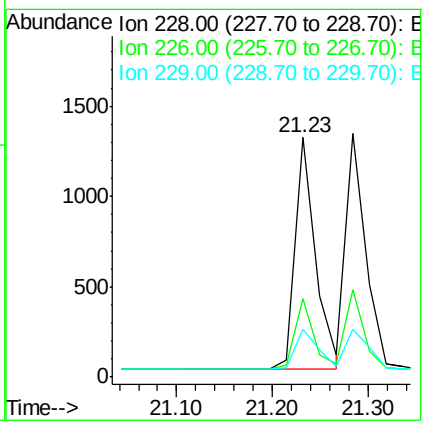


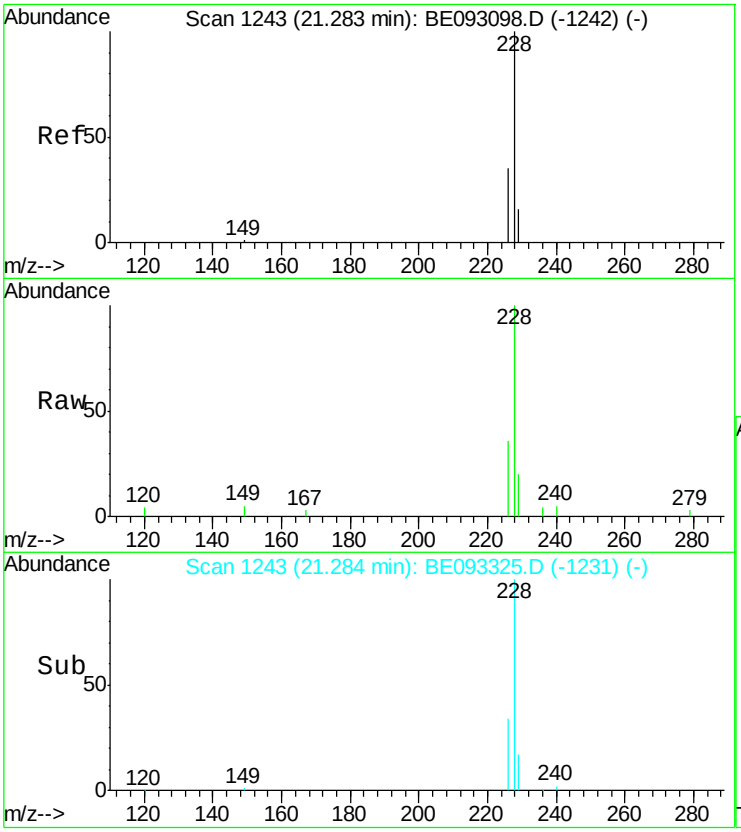


#30
Benzo(a)anthracene
Concen: 0.45 ng
RT: 21.23 min Scan# 1240
Delta R.T. 0.00 min
Lab File: BE093325.D
Acq: 22 Jun 2017 12:23

Tgt Ion:228 Resp: 1892

Ion	Ratio	Lower	Upper
228	100		
226	32.8	19.7	29.5#
229	20.1	19.2	28.8



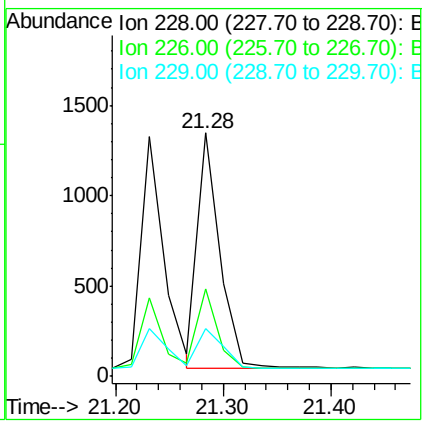


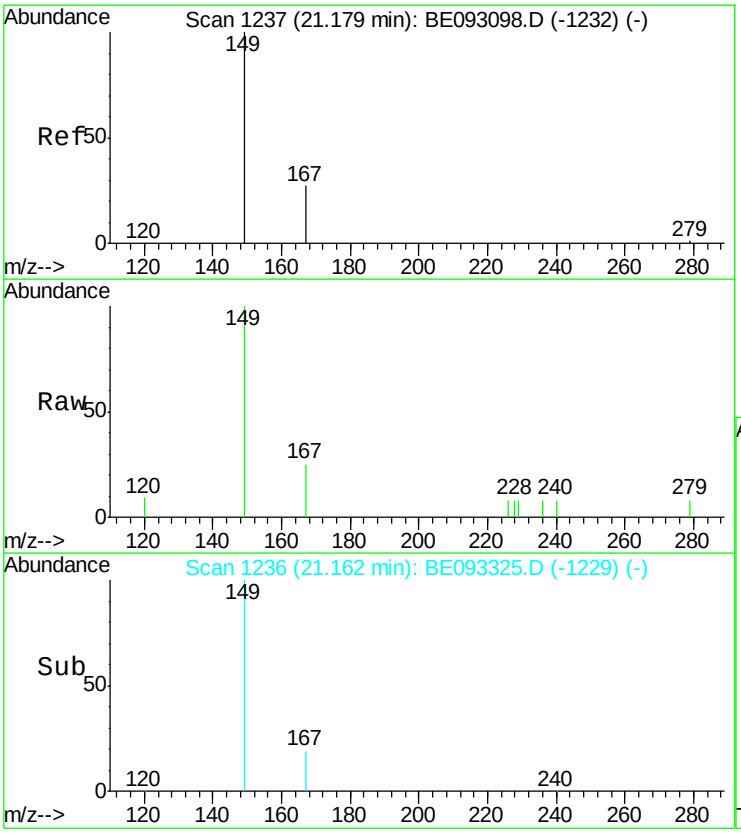
#31
Chrysene
Concen: 0.42 ng
RT: 21.28 min Scan# 1243
Delta R.T. 0.00 min
Lab File: BE093325.D
Acq: 22 Jun 2017 12:23

Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4

Tgt Ion:228 Resp: 1888

Ion	Ratio	Lower	Upper
228	100		
226	35.8	21.5	32.3#
229	19.8	18.6	28.0

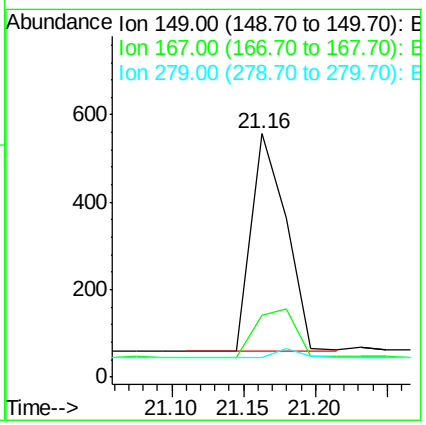


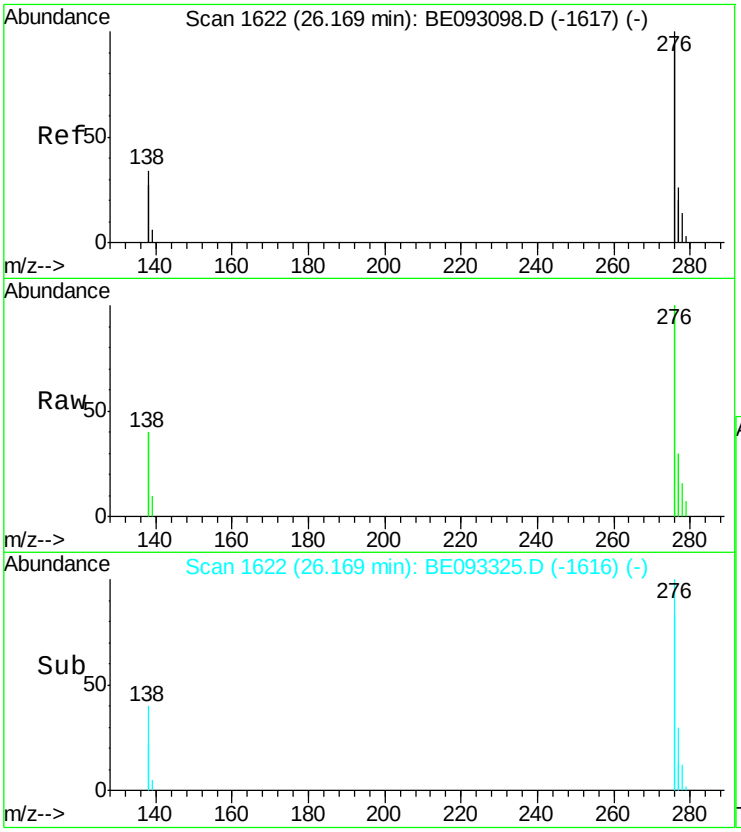


#32
Bis(2-ethylhexyl)phthalate
Concen: 0.49 ng
RT: 21.16 min Scan# 1236
Delta R.T. -0.02 min
Lab File: BE093325.D
Acq: 22 Jun 2017 12:23

Tgt Ion:149 Resp: 849

Ion	Ratio	Lower	Upper
149	100		
167	25.8	20.1	30.1
279	3.1	2.2	3.4



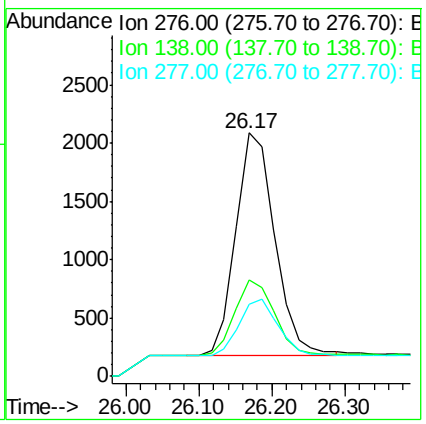


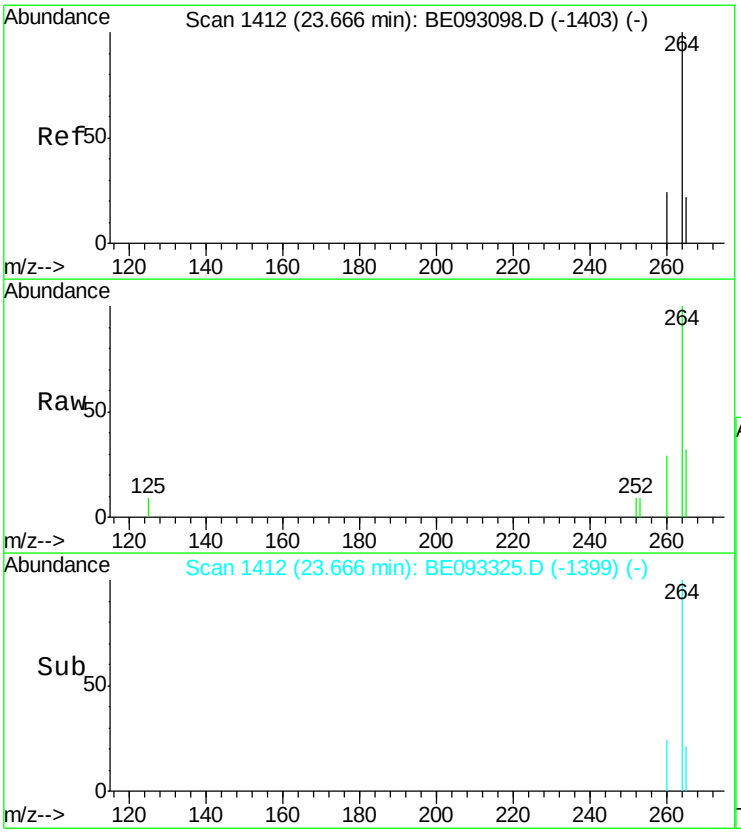
#33
Indeno(1,2,3-cd)pyrene
Concen: 0.43 ng
RT: 26.17 min Scan# 1622
Delta R.T. 0.00 min
Lab File: BE093325.D
Acq: 22 Jun 2017 12:23

Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4

Tgt Ion:276 Resp: 7159

Ion	Ratio	Lower	Upper
276	100		
138	34.5	27.4	41.2
277	25.5	20.1	30.1

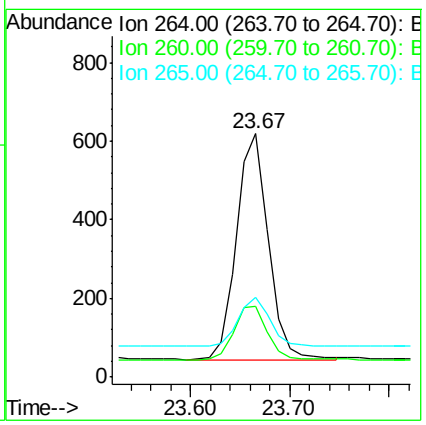


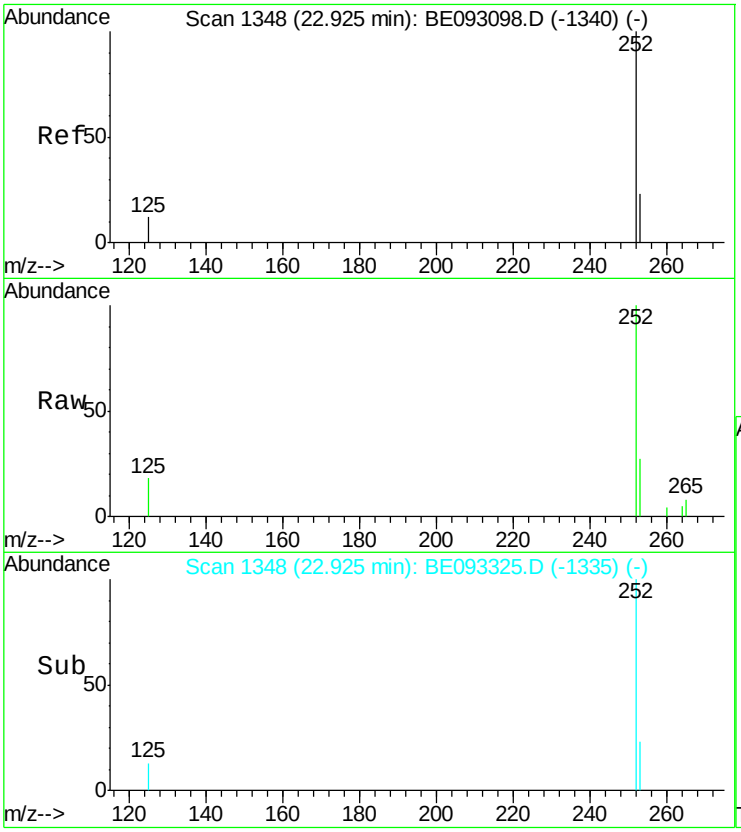


#34
Perylene-d12
Concen: 0.40 ng
RT: 23.67 min Scan# 1412
Delta R.T. -0.00 min
Lab File: BE093325.D
Acq: 22 Jun 2017 12:23

Tgt Ion:264 Resp: 1279

Ion	Ratio	Lower	Upper
264	100		
260	29.2	21.0	31.4
265	32.5	24.6	36.8



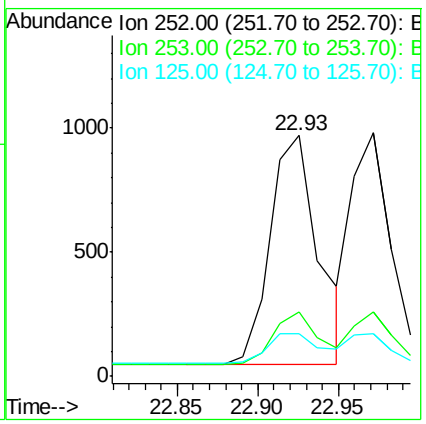


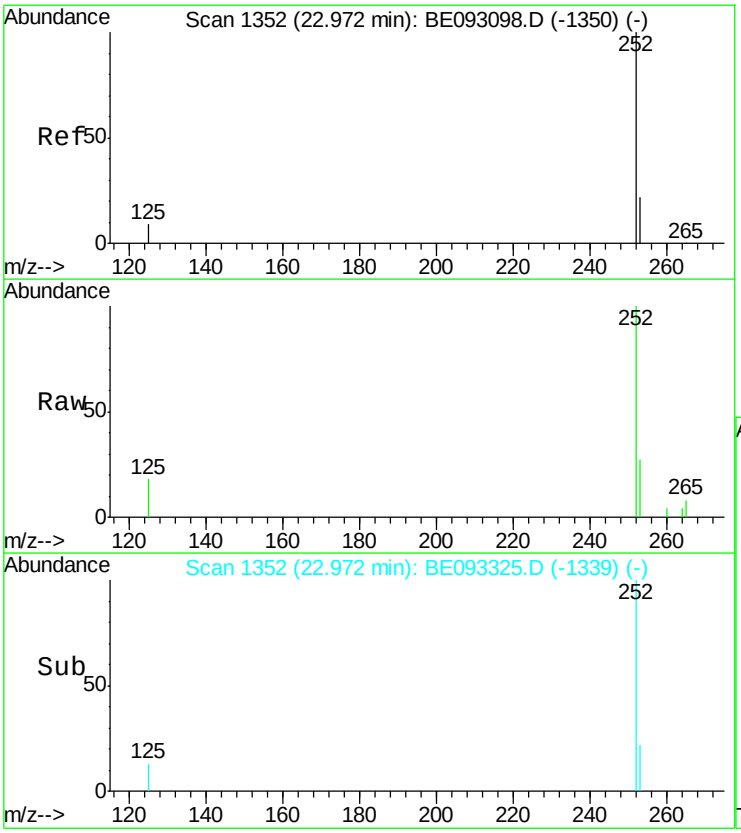
#35
Benzo(b)fluoranthene
Concen: 0.47 ng
RT: 22.93 min Scan# 1348
Delta R.T. -0.00 min
Lab File: BE093325.D
Acq: 22 Jun 2017 12:23

Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4

Tgt Ion:252 Resp: 1921

Ion	Ratio	Lower	Upper
252	100		
253	26.7	18.5	27.7
125	17.6	13.4	20.0

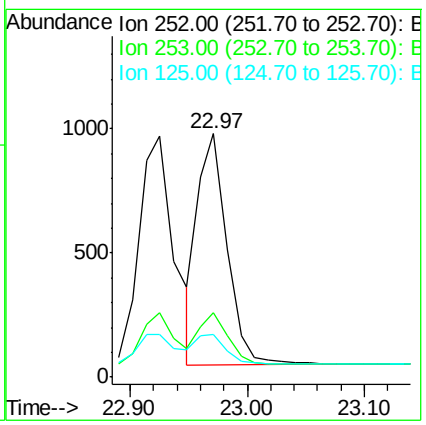


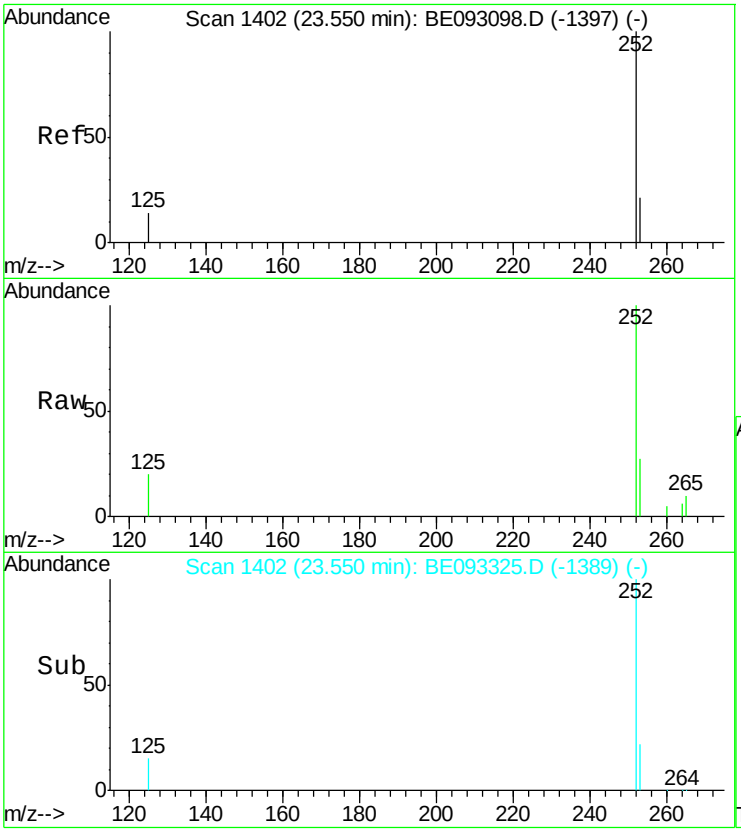


#36
Benzo(k)fluoranthene
Concen: 0.41 ng
RT: 22.97 min Scan# 1352
Delta R.T. -0.00 min
Lab File: BE093325.D
Acq: 22 Jun 2017 12:23

Tgt Ion:252 Resp: 1611

Ion	Ratio	Lower	Upper
252	100		
253	26.5	20.3	30.5
125	17.6	12.2	18.4



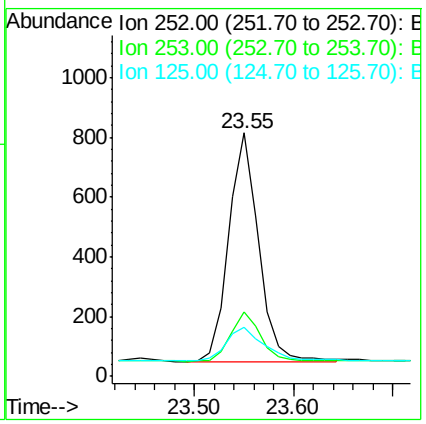


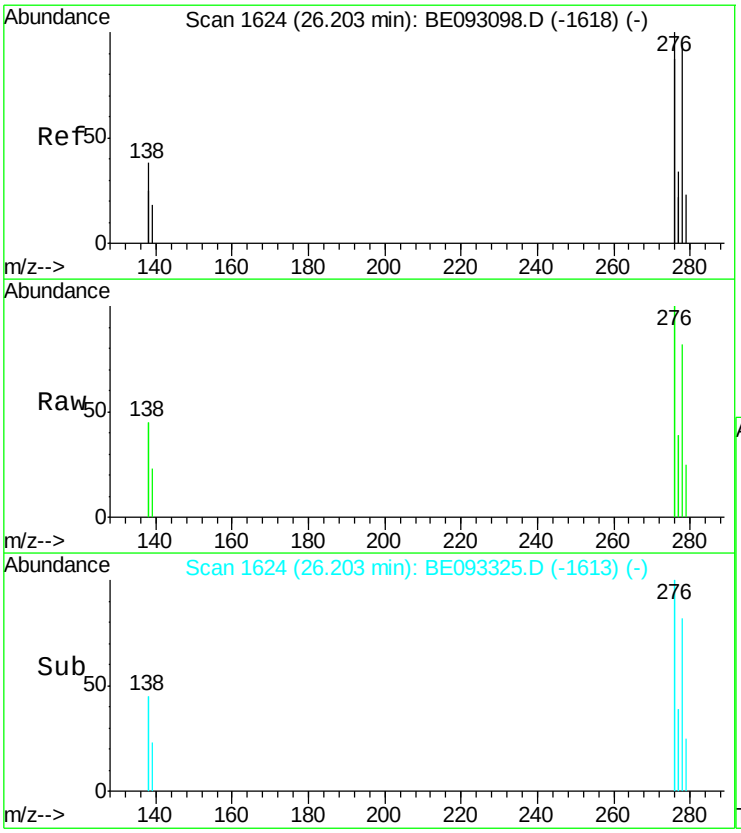
#37
Benzo(a)pyrene
Concen: 0.45 ng
RT: 23.55 min Scan# 1402
Delta R.T. -0.00 min
Lab File: BE093325.D
Acq: 22 Jun 2017 12:23

Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4

Tgt Ion:252 Resp: 1590

Ion	Ratio	Lower	Upper
252	100		
253	26.6	19.9	29.9
125	20.2	14.6	21.8

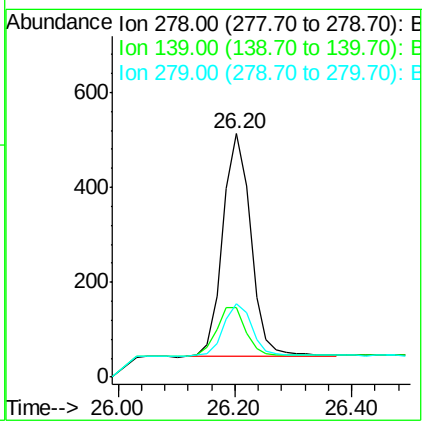


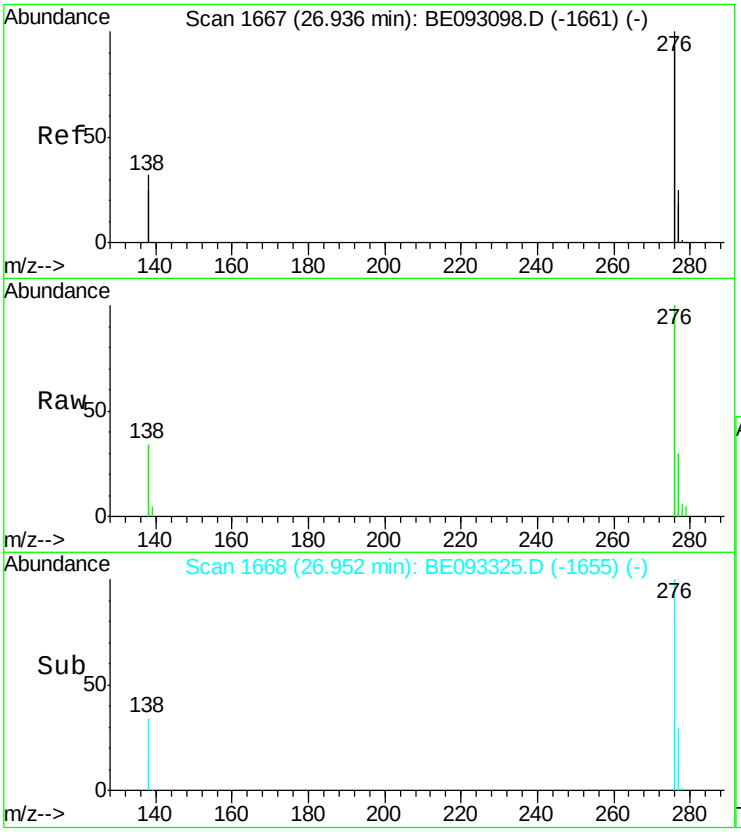


#38
Dibenzo(a,h)anthracene
Concen: 0.43 ng
RT: 26.20 min Scan# 1624
Delta R.T. -0.00 min
Lab File: BE093325.D
Acq: 22 Jun 2017 12:23

Tgt Ion:278 Resp: 1576

Ion	Ratio	Lower	Upper
278	100		
139	28.7	21.4	32.0
279	30.2	22.2	33.2





#39
Benzo(g,h,i)perylene
Concen: 0.42 ng
RT: 26.95 min Scan# 1668
Delta R.T. 0.02 min
Lab File: BE093325.D
Acq: 22 Jun 2017 12:23

Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4

Tgt Ion:276 Resp: 6298

Ion	Ratio	Lower	Upper
276	100		
277	30.3	21.2	31.8
138	33.9	24.5	36.7