Quantitation Report (Not Reviewed)

Data Path : \\74.0.250.170\SVOASRV\HPCHEM1\BNA E\DATA\BE032318\
Data File : BE095825.D
Acq On : 23 Mar 2018 15:44
Operator : SJ/JU
Sample : J1888-05DL 50X
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument : BNA_E
ClientSampleId :

Quant Time: Mar 23 23:22:51 2018
Quant Method : Z:\HPCHEM1\BNA E\METHODS\8270-SIM-BE032318.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Mar 23 12:41:11 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.42	152	942	0.40	ng		0.00
7) Naphthalene-d8	11.26	136	3566	0.40	ng		0.00
13) Acenaphthene-d10	14.99	164	2100	0.40	ng		-0.01
19) Phenanthrene-d10	17.71	188	5536	0.40	ng		0.00
27) Chrysene-d12	21.80	240	6874	0.40	ng		0.00
34) Perylene-d12	24.43	264	6485	0.40	ng		0.00
System Monitoring Compounds							
4) 2-Fluorophenol	5.90	112	8473	2.73	ng		-0.02
5) Phenol-d6	7.56	99	11809	2.77	ng		0.00
8) Nitrobenzene-d5	9.59	82	8192	1.94	ng		0.00
11) 2-Methylnaphthalene-d10	12.79	152	1	0.00	ng		-0.01
14) 2,4,6-Tribromophenol	16.47	330	3707	3.06	ng		0.00
15) 2-Fluorobiphenyl	13.63	172	17762	2.01	ng		-0.01
25) Fluoranthene-d10	19.69	212	28	0.00	ng		0.00
29) Terphenyl-d14	20.24	244	33664	2.31	ng		0.00
Target Compounds							Qvalue
9) Naphthalene	11.31	128	75552	1.855	ng		99
12) 2-Methylnaphthalene	12.87	142	17816	2.561	ng		98
16) Acenaphthylene	14.73	152	44308	3.689	ng		99
17) Acenaphthene	15.06	154	16120	2.201	ng		95
18) Fluorene	16.03	166	9331	0.968	ng	#	77
22) Pentachlorophenol	17.36	266	13	0.141	ng		95
23) Phenanthrene	17.74	178	28665	1.730	ng		99
26) Fluoranthene	19.72	202	54214	2.355	ng	#	97
28) Pyrene	20.06	202	37172	1.328	ng		99
30) Benzo(a)anthracene	21.78	228	38084	1.598	ng		97
31) Chrysene	21.84	228	17449	0.802	ng		98
32) Bis(2-ethylhexyl)phthalate	21.64	149	57594	0.790	ng		100
33) Indeno(1,2,3-cd)pyrene	27.24	276	38055	1.624	ng	#	92
35) Benzo(b)fluoranthene	23.61	252	42478	1.980	ng	#	88
36) Benzo(k)fluoranthene	23.66	252	30593	1.426	ng		96
37) Benzo(a)pyrene	24.31	252	61054	3.036	ng	#	93
38) Dibenzo(a,h)anthracene	27.26	278	22569	1.181	ng	#	96
39) Benzo(g,h,i)perylene	28.12	276	26801	1.397	ng	#	90

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

Quantitation Report (Not Reviewed)

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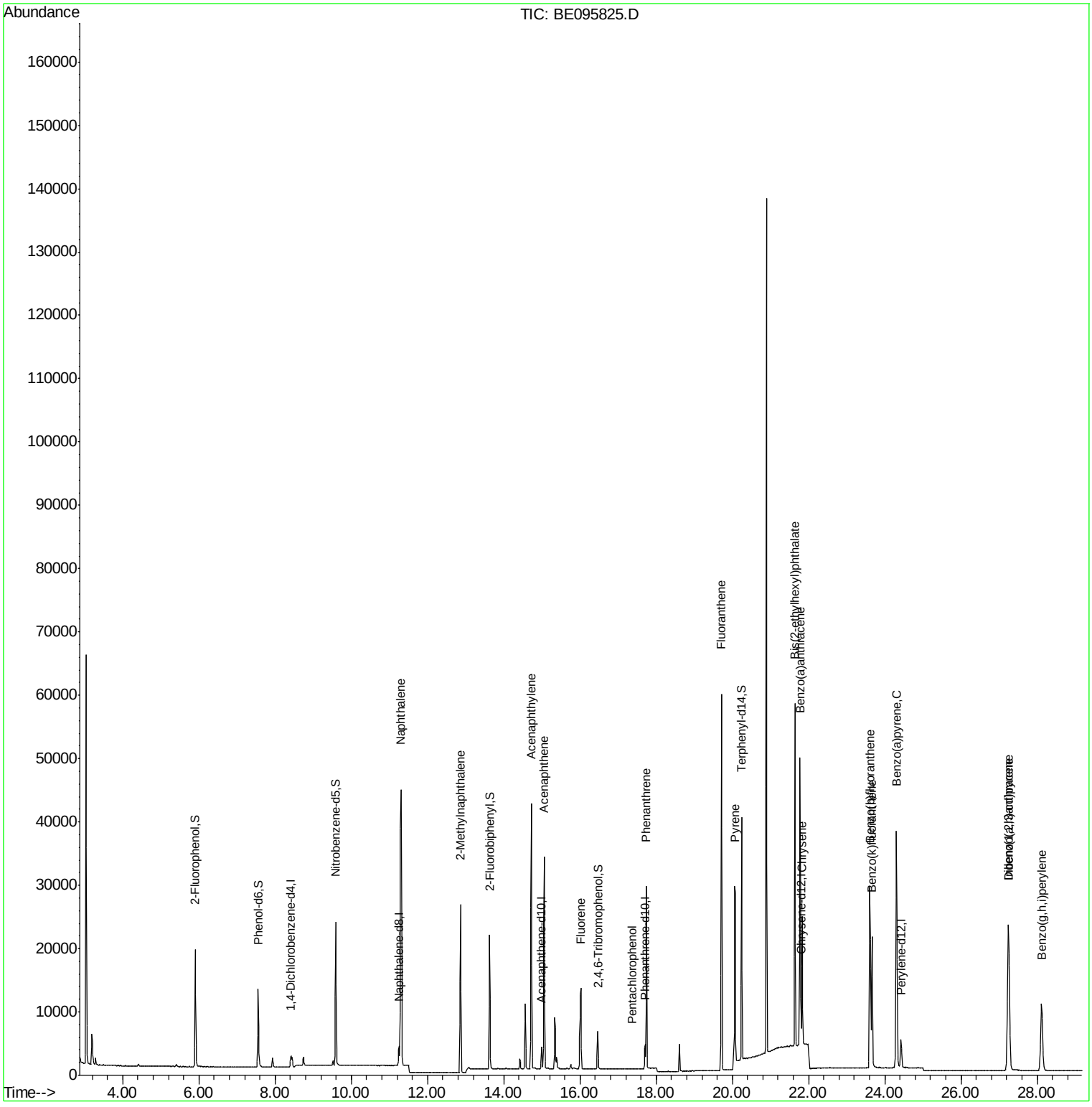
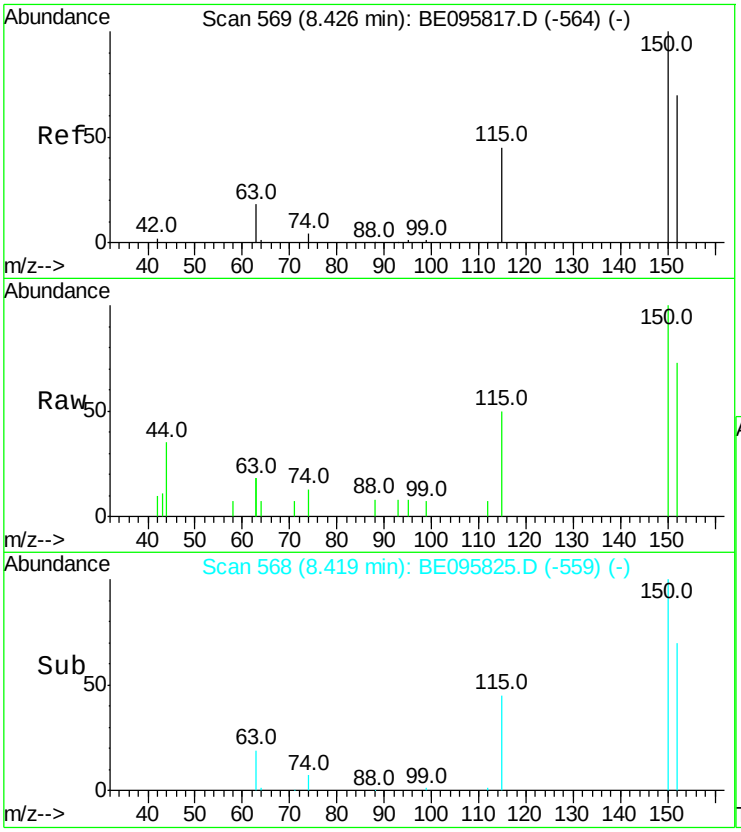


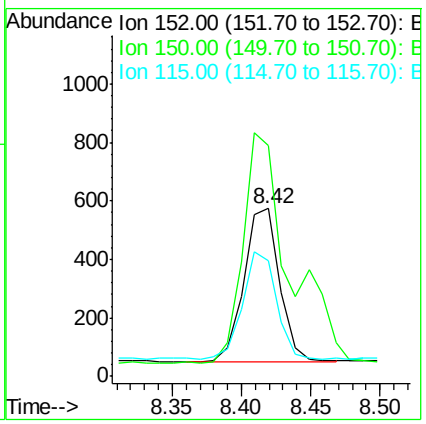


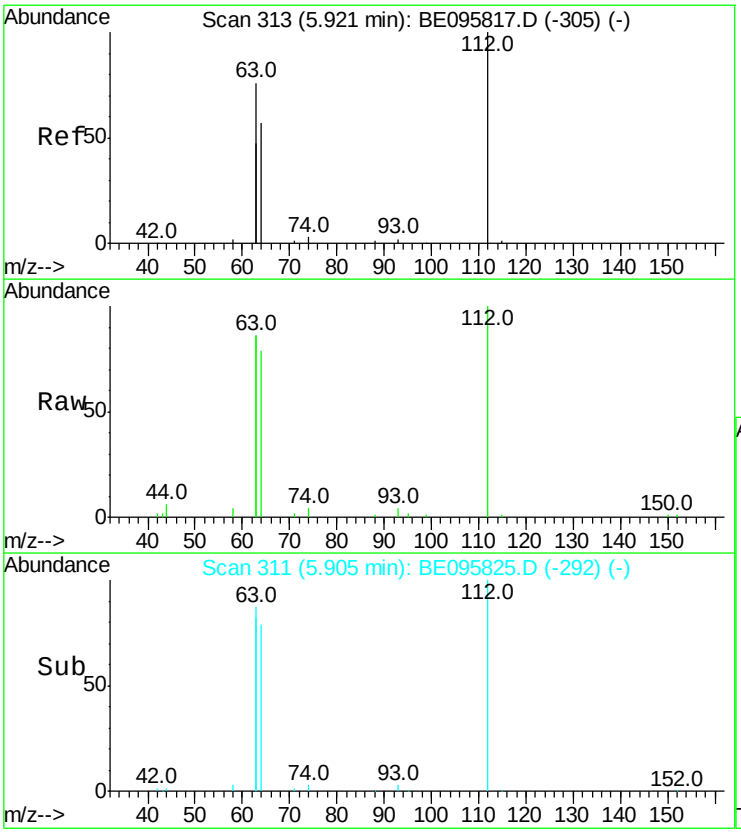
#1
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 8.42 min Scan# 568
Delta R.T. -0.01 min
Lab File: BE095825.D
Acq: 23 Mar 2018 15:44

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:152 Resp: 942

Ion	Ratio	Lower	Upper
152	100		
150	137.9	117.2	175.8
115	68.9	57.0	85.6

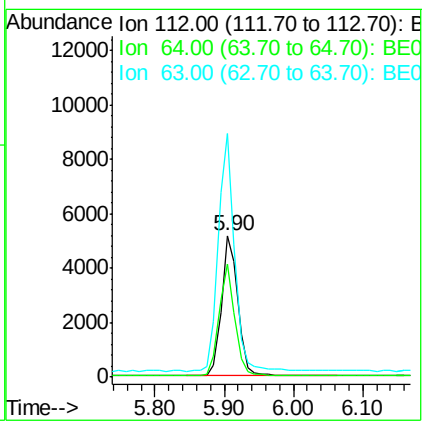


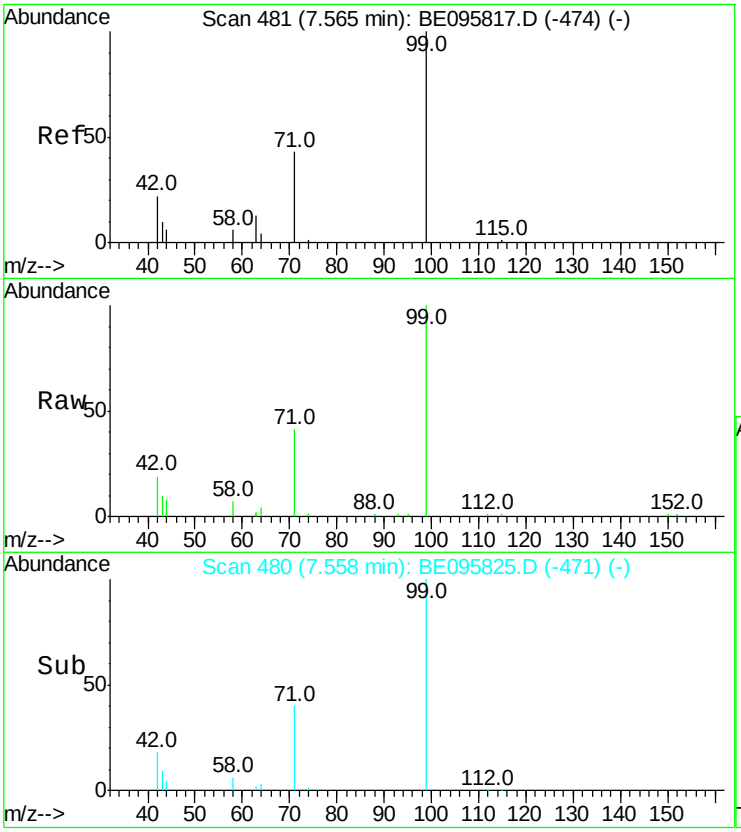


#4
2-Fluorophenol
Concen: 2.729 ng
RT: 5.90 min Scan# 311
Delta R.T. -0.02 min
Lab File: BE095825.D
Acq: 23 Mar 2018 15:44

Tgt Ion:112 Resp: 8473

Ion	Ratio	Lower	Upper
112	100		
64	76.4	60.1	90.1
63	167.1	116.8	175.2



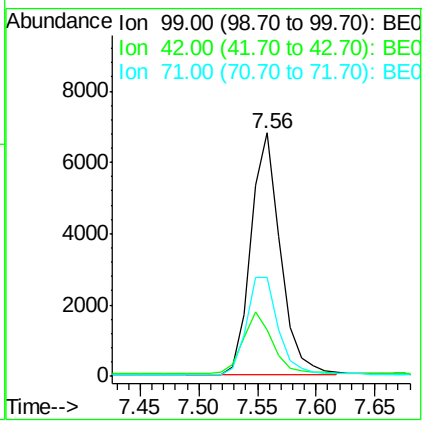


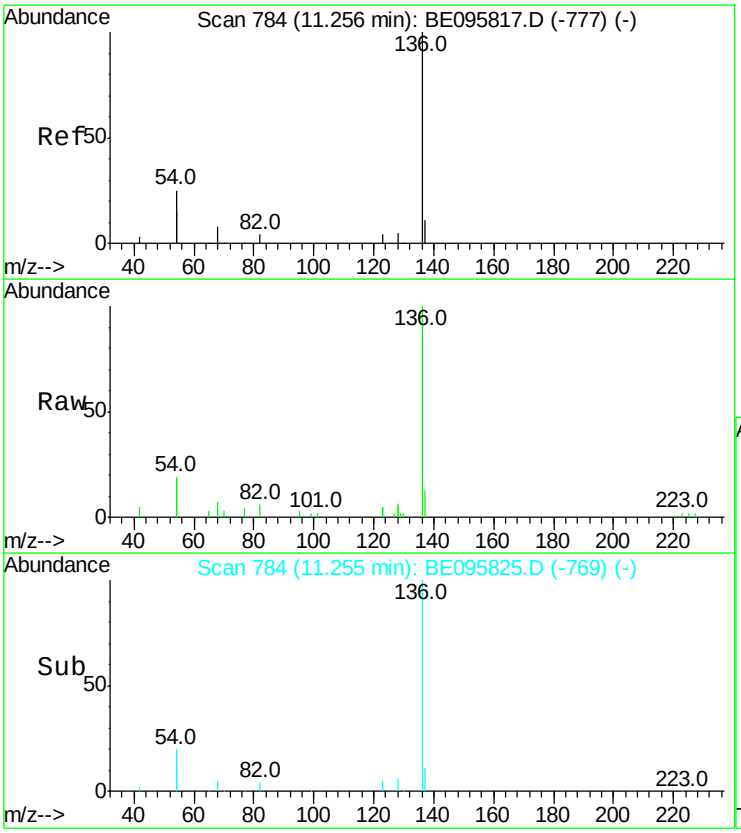
#5
Phenol-d6
Concen: 2.765 ng
RT: 7.56 min Scan# 480
Delta R.T. -0.01 min
Lab File: BE095825.D
Acq: 23 Mar 2018 15:44

Instrument :
BNA_E
ClientSampleId :

Tgt Ion: 99 Resp: 11809

Ion	Ratio	Lower	Upper
99	100		
42	25.4	20.2	30.2
71	43.5	28.4	42.6#

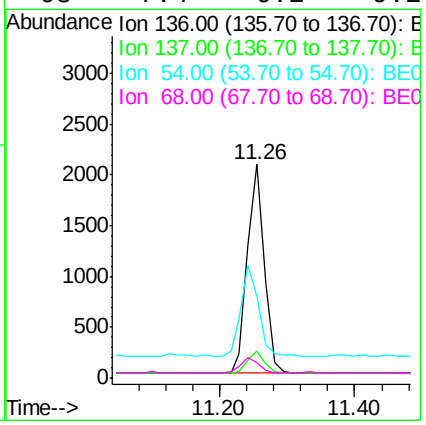


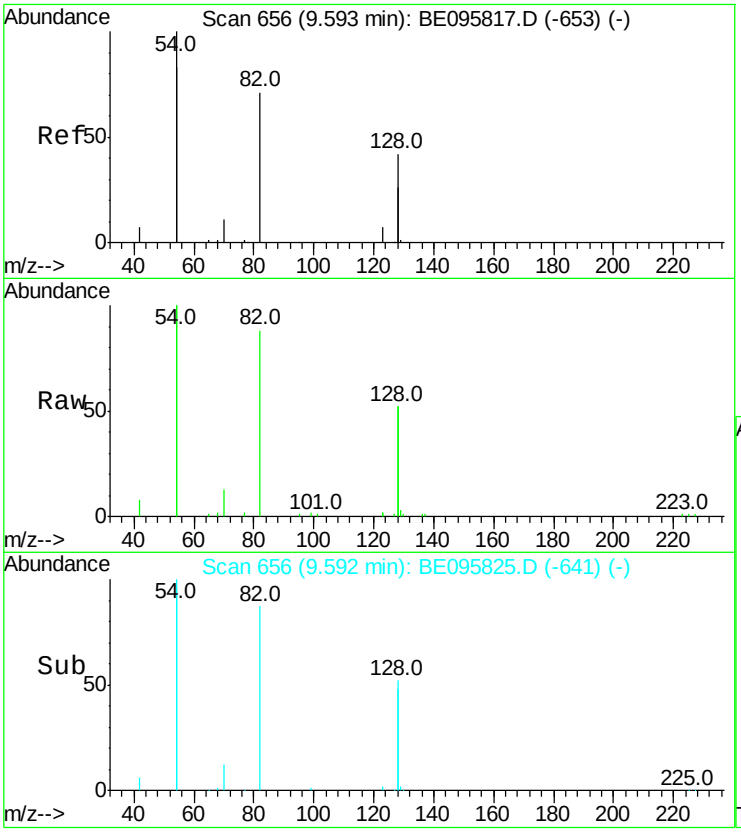


#7
Naphthalene-d8
Concen: 0.400 ng
RT: 11.26 min Scan# 784
Delta R.T. -0.00 min
Lab File: BE095825.D
Acq: 23 Mar 2018 15:44

Tgt Ion:136 Resp: 3566

Ion	Ratio	Lower	Upper
136	100		
137	12.9	9.5	14.3
54	38.6	29.1	43.7
68	7.4	6.2	9.2

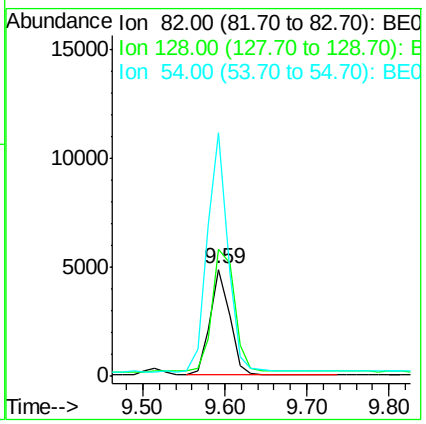




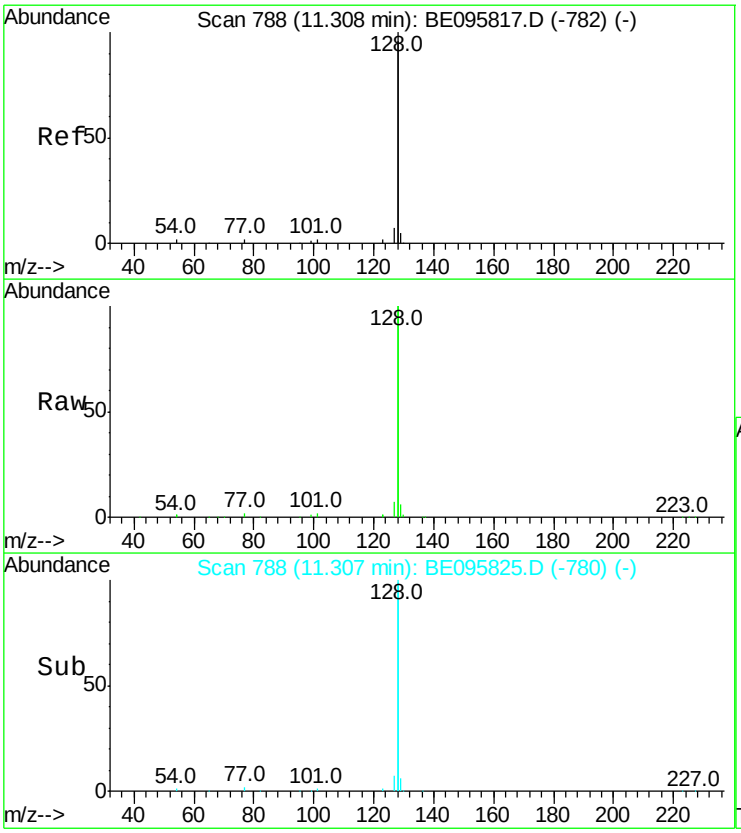
#8
Nitrobenzene-d5
Concen: 1.945 ng
RT: 9.59 min Scan# 656
Delta R.T. -0.00 min
Lab File: BE095825.D
Acq: 23 Mar 2018 15:44

Tgt Ion: 82 Resp: 8192

Ion	Ratio	Lower	Upper
82	100		
128	119.2	150.0	225.0#
54	227.4	154.2	231.4



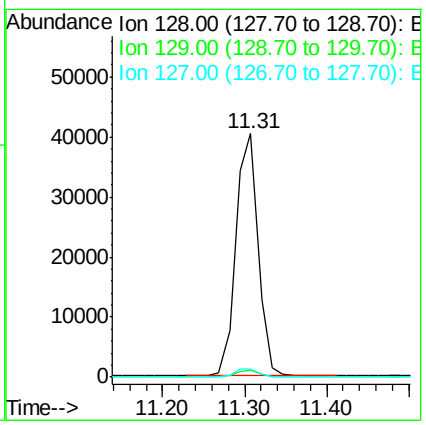
Instrument :
BNA_E
ClientSampleId :

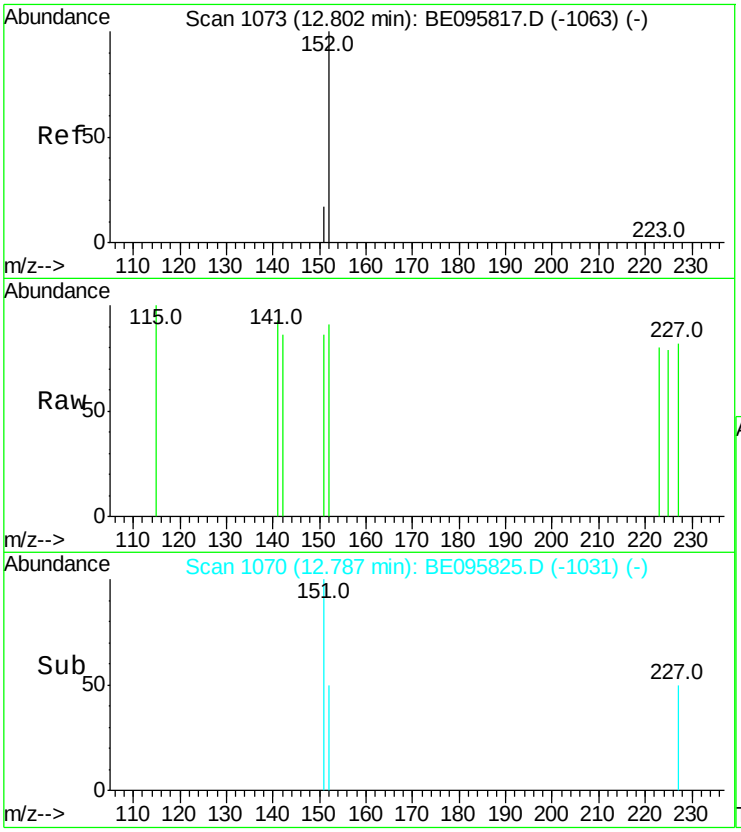


#9
Naphthalene
Concen: 1.855 ng
RT: 11.31 min Scan# 788
Delta R.T. -0.00 min
Lab File: BE095825.D
Acq: 23 Mar 2018 15:44

Tgt Ion:128 Resp: 75552

Ion	Ratio	Lower	Upper
128	100		
129	2.9	2.6	3.8
127	3.4	2.8	4.2



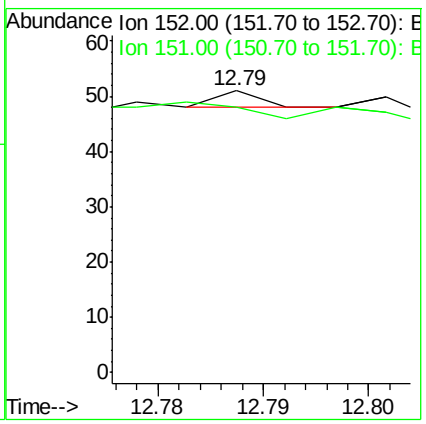


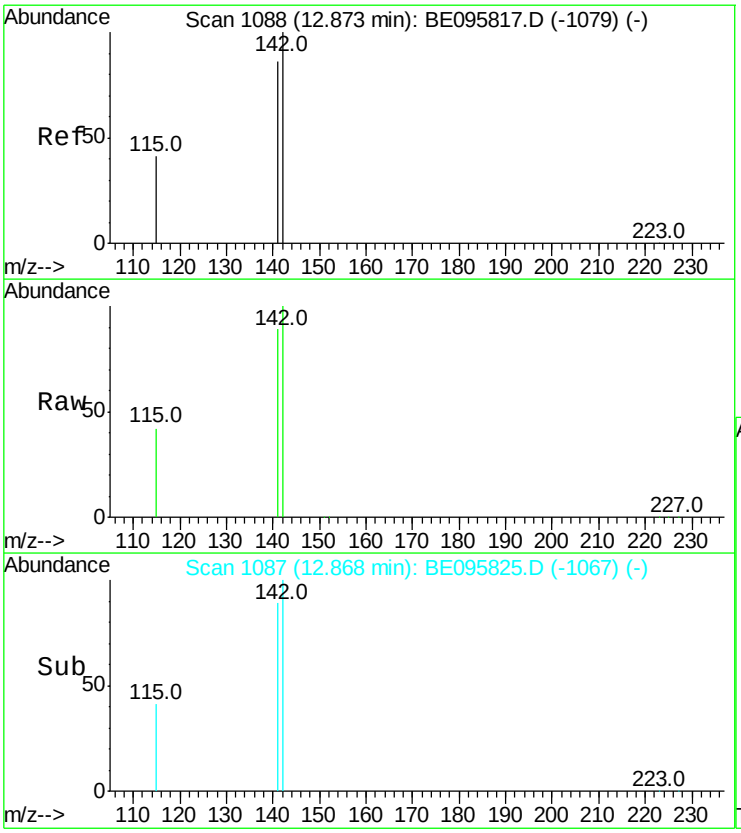
#11
2-Methylnaphthalene-d10
Concen: 0.000 ng
RT: 12.79 min Scan# 1070
Delta R.T. -0.01 min
Lab File: BE095825.D
Acq: 23 Mar 2018 15:44

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:152 Resp: 1

Ion	Ratio	Lower	Upper
152	100		
151	400.0	15.4	23.0#

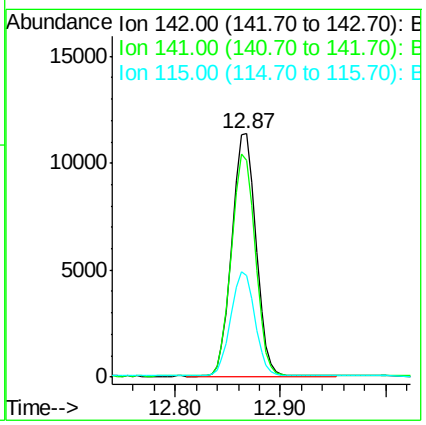


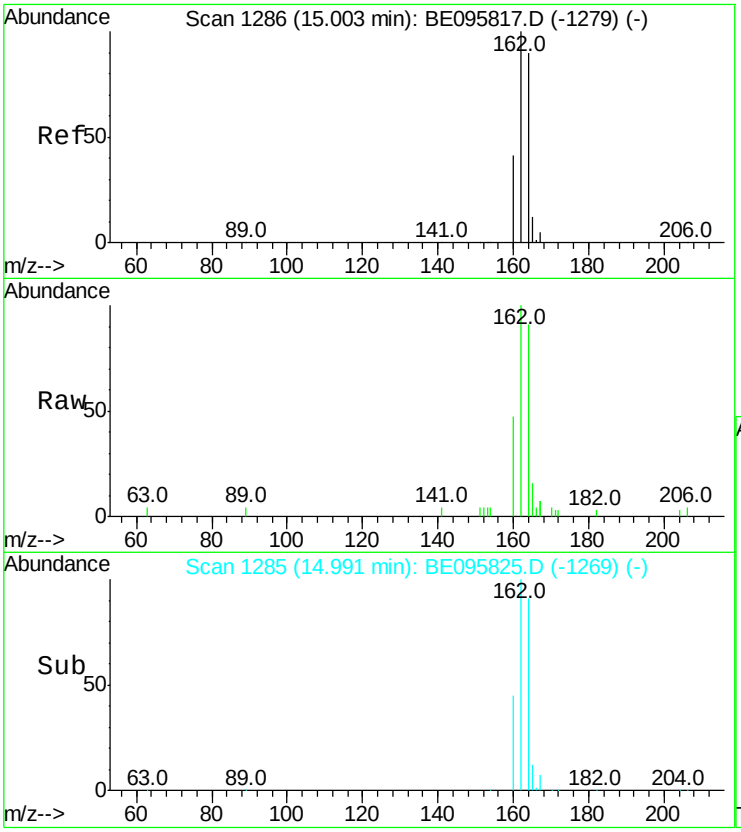


#12
2-Methylnaphthalene
Concen: 2.561 ng
RT: 12.87 min Scan# 1087
Delta R.T. -0.01 min
Lab File: BE095825.D
Acq: 23 Mar 2018 15:44

Tgt Ion:142 Resp: 17816

Ion	Ratio	Lower	Upper
142	100		
141	89.1	70.4	105.6
115	41.6	31.7	47.5



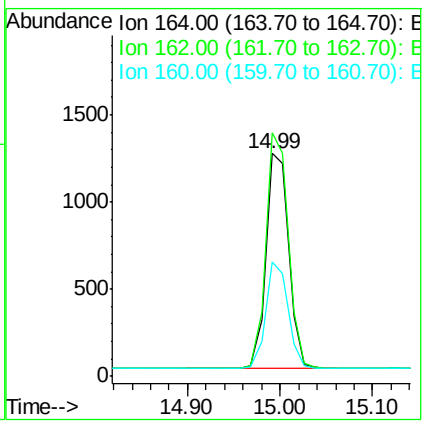


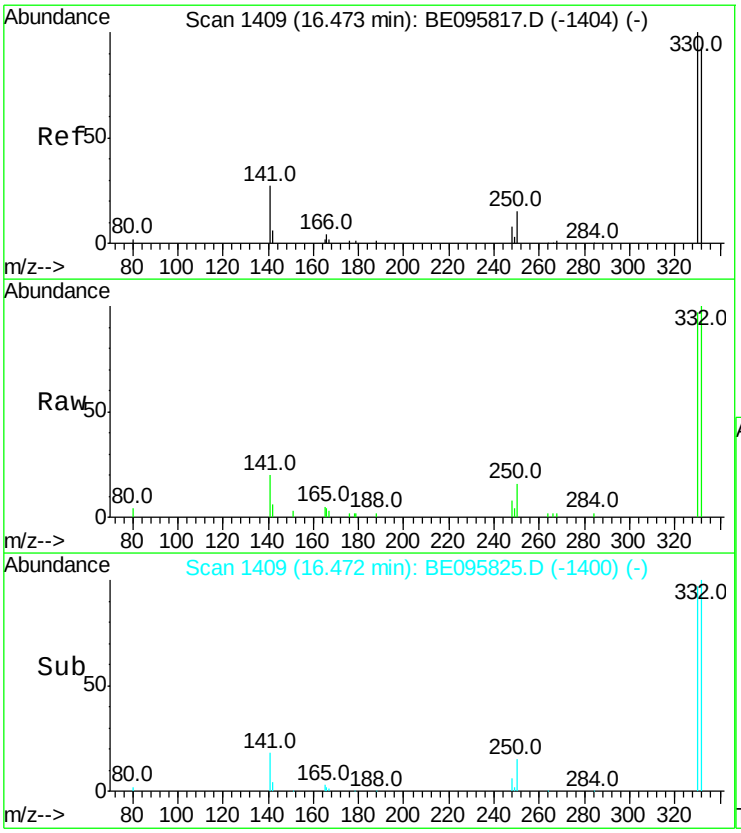
#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.99 min Scan# 1285
Delta R.T. -0.01 min
Lab File: BE095825.D
Acq: 23 Mar 2018 15:44

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:164 Resp: 2100

Ion	Ratio	Lower	Upper
164	100		
162	109.3	83.1	124.7
160	51.6	37.1	55.7

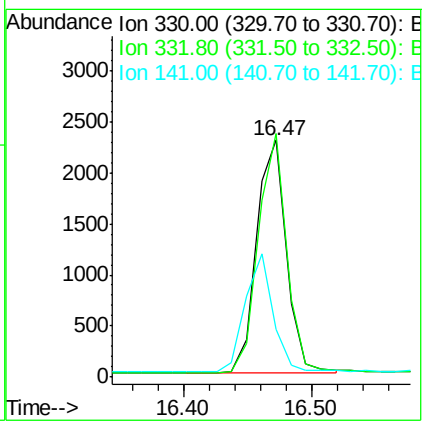


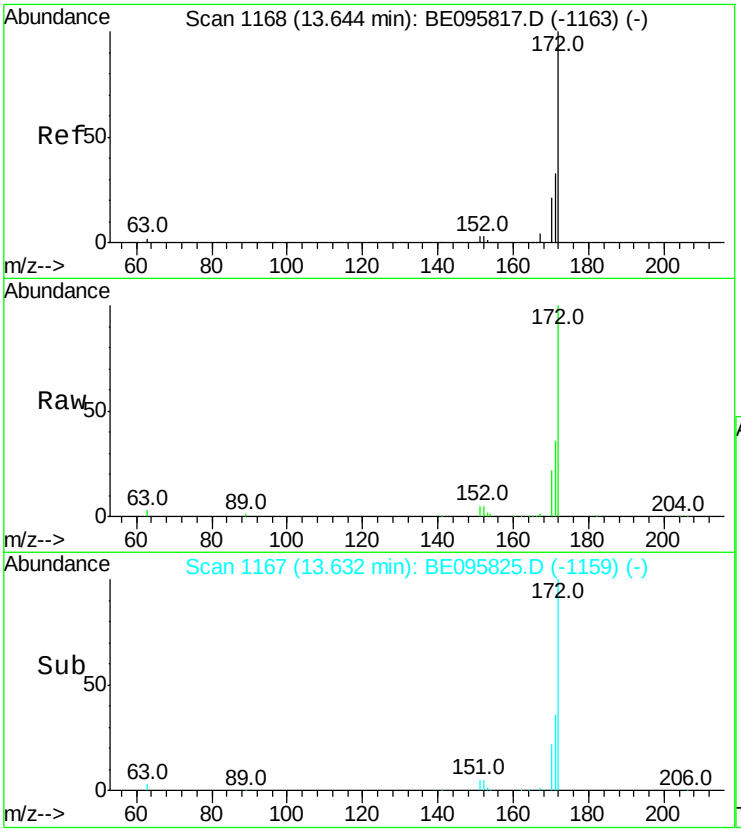


#14
2,4,6-Tribromophenol
Concen: 3.059 ng
RT: 16.47 min Scan# 1409
Delta R.T. -0.00 min
Lab File: BE095825.D
Acq: 23 Mar 2018 15:44

Tgt Ion:330 Resp: 3707

Ion	Ratio	Lower	Upper
330	100		
332	97.8	152.7	229.1#
141	46.9	33.7	50.5



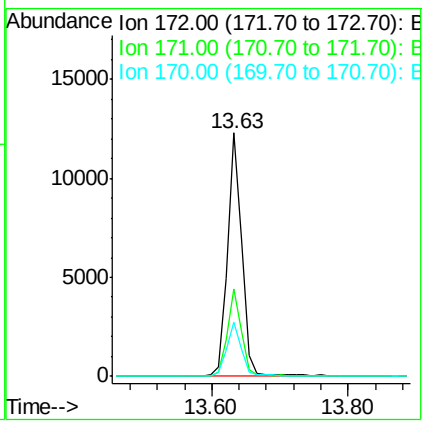


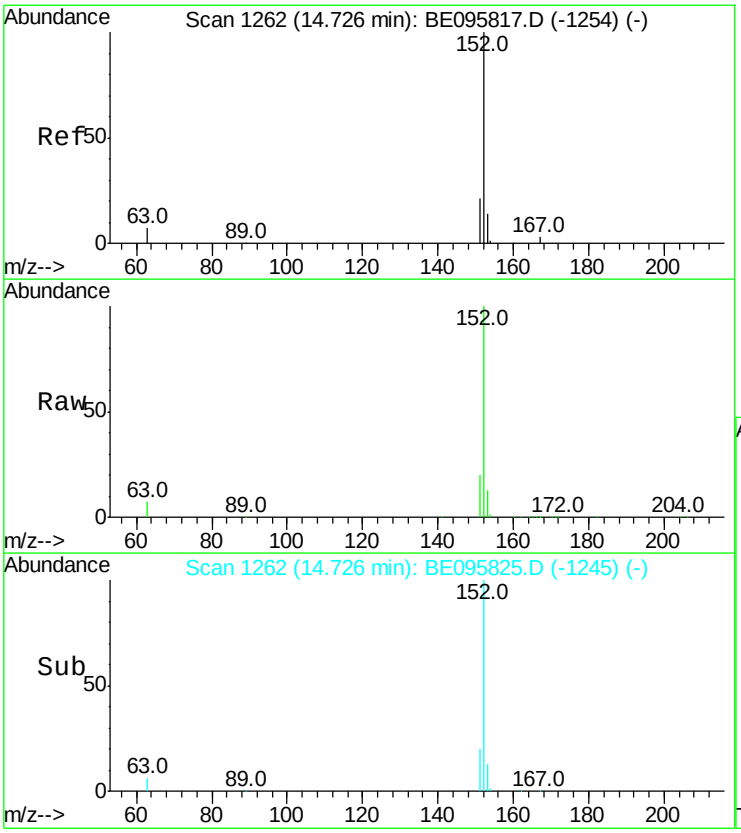
#15
2-Fluorobiphenyl
Concen: 2.007 ng
RT: 13.63 min Scan# 1167
Delta R.T. -0.01 min
Lab File: BE095825.D
Acq: 23 Mar 2018 15:44

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:172 Resp: 17762

Ion	Ratio	Lower	Upper
172	100		
171	35.8	29.9	44.9
170	22.1	21.8	32.8

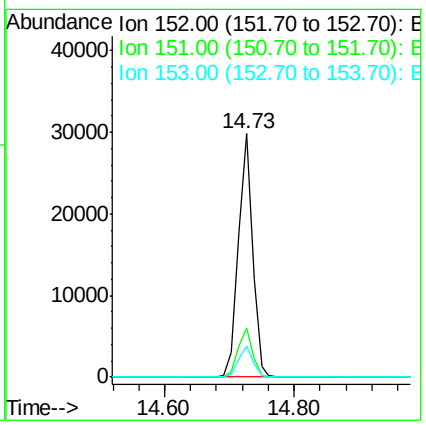


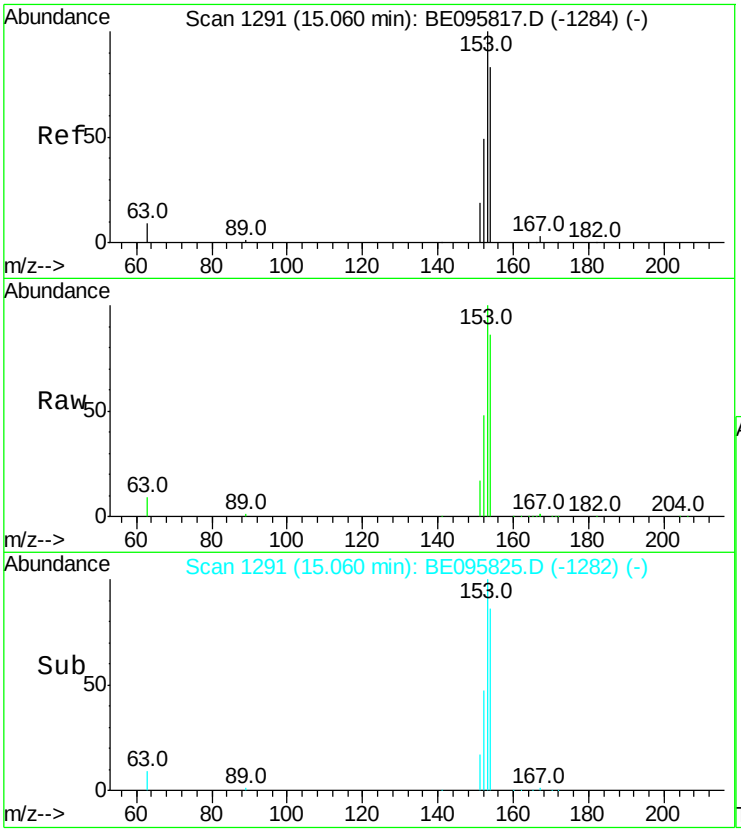


#16
Acenaphthylene
Concen: 3.689 ng
RT: 14.73 min Scan# 1262
Delta R.T. 0.00 min
Lab File: BE095825.D
Acq: 23 Mar 2018 15:44

Tgt Ion:152 Resp: 44308

Ion	Ratio	Lower	Upper
152	100		
151	20.1	15.7	23.5
153	12.8	10.5	15.7



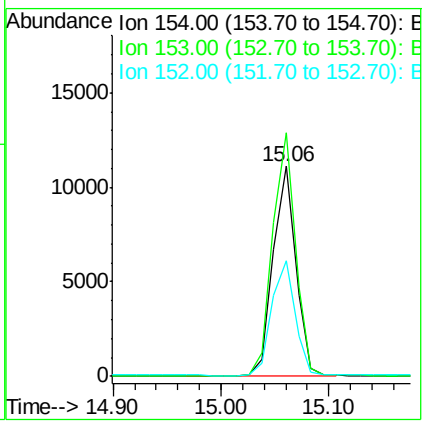


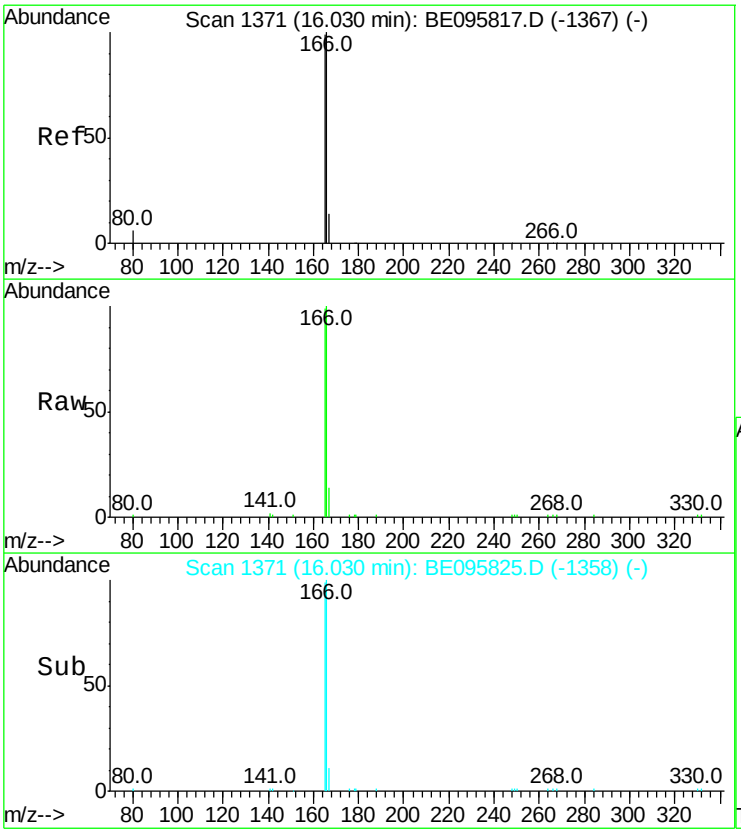
#17
Acenaphthene
Concen: 2.201 ng
RT: 15.06 min Scan# 1291
Delta R.T. 0.00 min
Lab File: BE095825.D
Acq: 23 Mar 2018 15:44

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:154 Resp: 16120

Ion	Ratio	Lower	Upper
154	100		
153	116.7	89.2	133.8
152	56.8	42.0	63.0

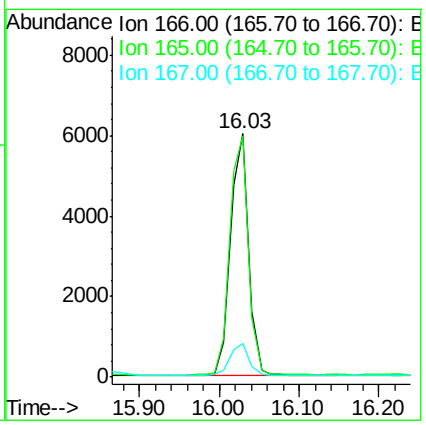


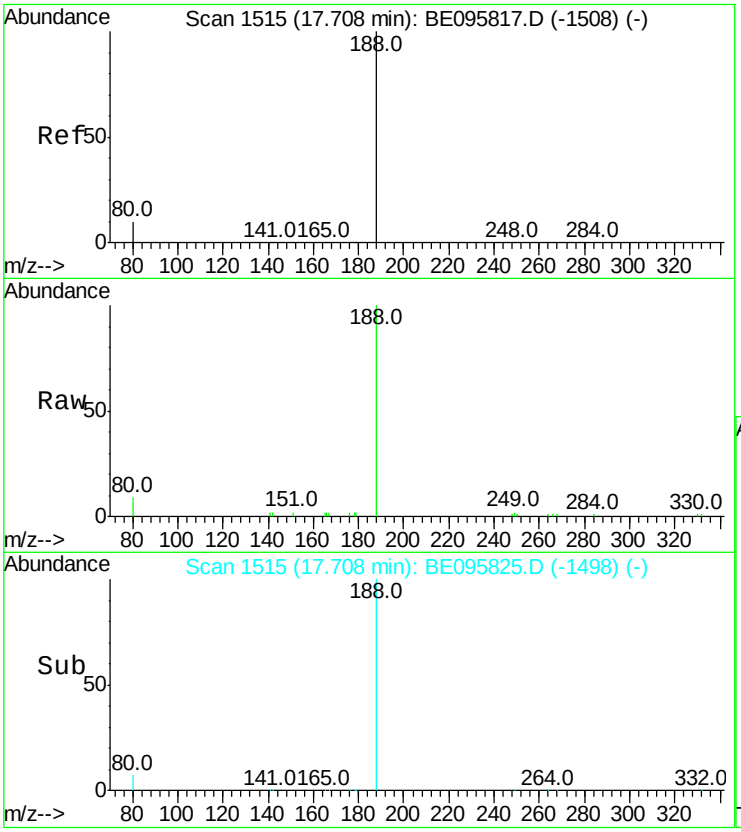


#18
Fluorene
Concen: 0.968 ng
RT: 16.03 min Scan# 1371
Delta R.T. -0.00 min
Lab File: BE095825.D
Acq: 23 Mar 2018 15:44

Tgt Ion:166 Resp: 9331

Ion	Ratio	Lower	Upper
166	100		
165	101.9	77.8	116.6
167	13.6	42.4	63.6#



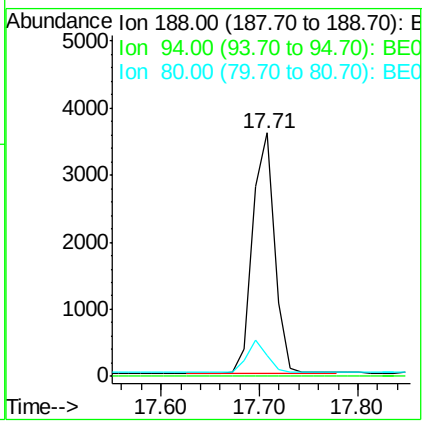


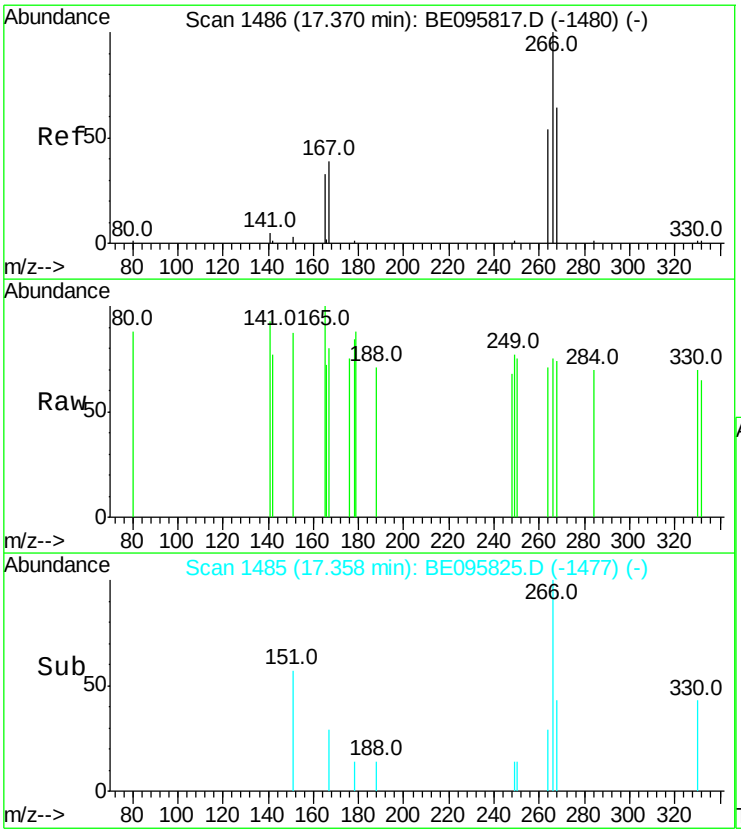
#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.71 min Scan# 1515
Delta R.T. -0.00 min
Lab File: BE095825.D
Acq: 23 Mar 2018 15:44

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:188 Resp: 5536

Ion	Ratio	Lower	Upper
188	100		
94	0.0	3.9	5.9#
80	8.8	3.6	5.4#

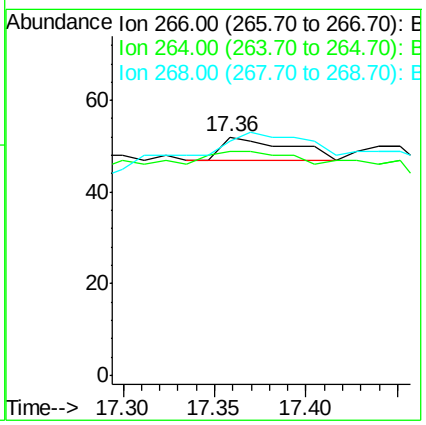


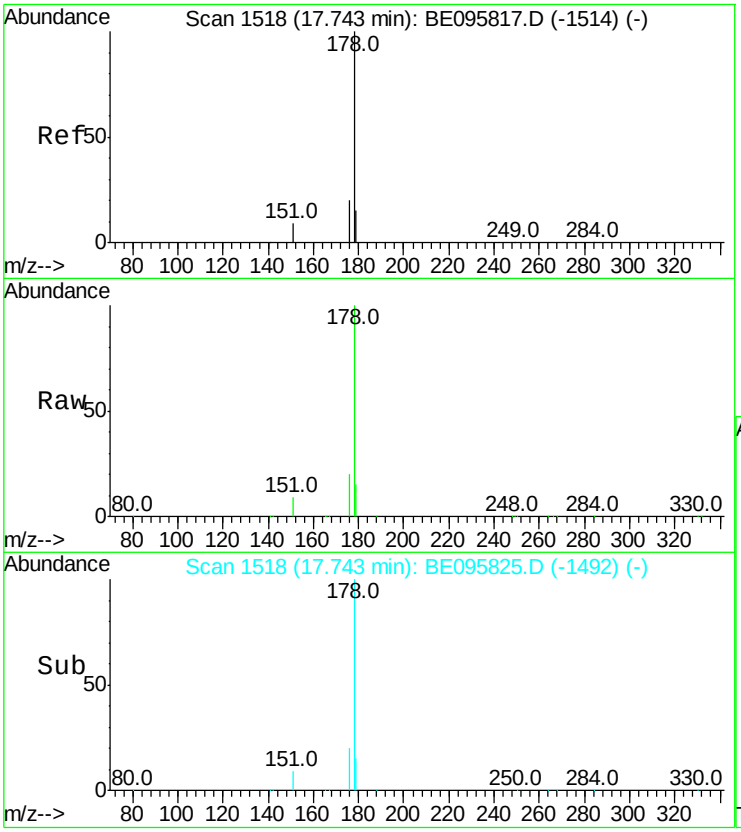


#22
Pentachlorophenol
Concen: 0.141 ng
RT: 17.36 min Scan# 1485
Delta R.T. -0.01 min
Lab File: BE095825.D
Acq: 23 Mar 2018 15:44

Tgt Ion:266 Resp: 13

Ion	Ratio	Lower	Upper
266	100		
264	94.2	72.5	108.7
268	98.1	73.8	110.6



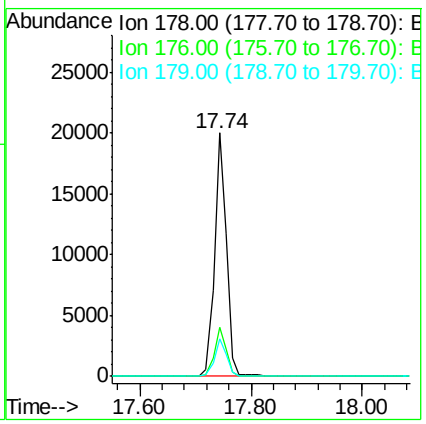


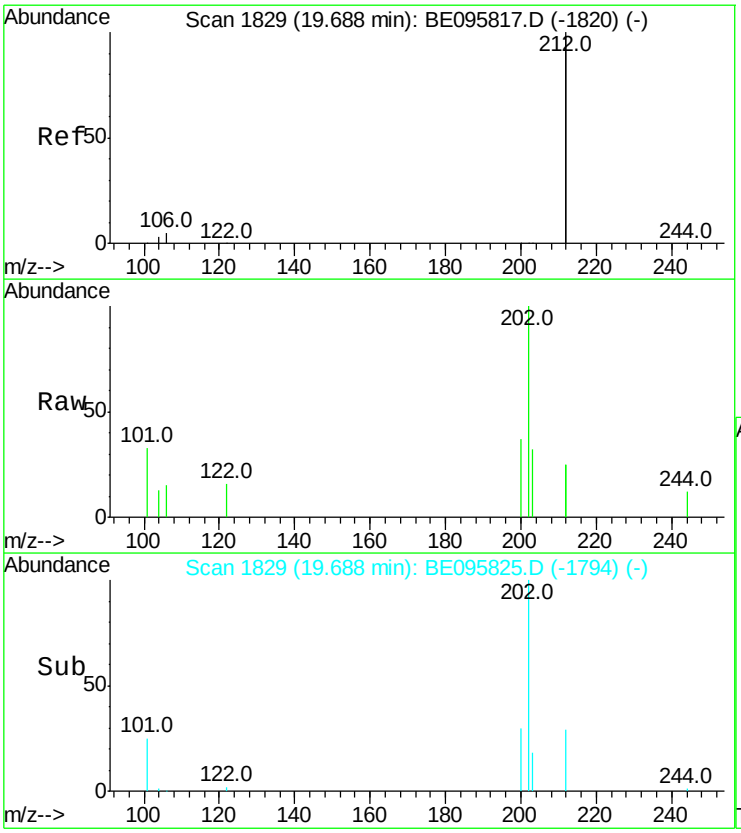
#23
Phenanthrene
Concen: 1.730 ng
RT: 17.74 min Scan# 1518
Delta R.T. -0.00 min
Lab File: BE095825.D
Acq: 23 Mar 2018 15:44

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:178 Resp: 28665

Ion	Ratio	Lower	Upper
178	100		
176	19.8	15.1	22.7
179	14.9	11.8	17.6

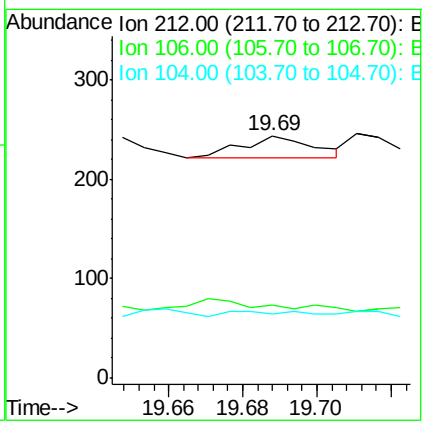


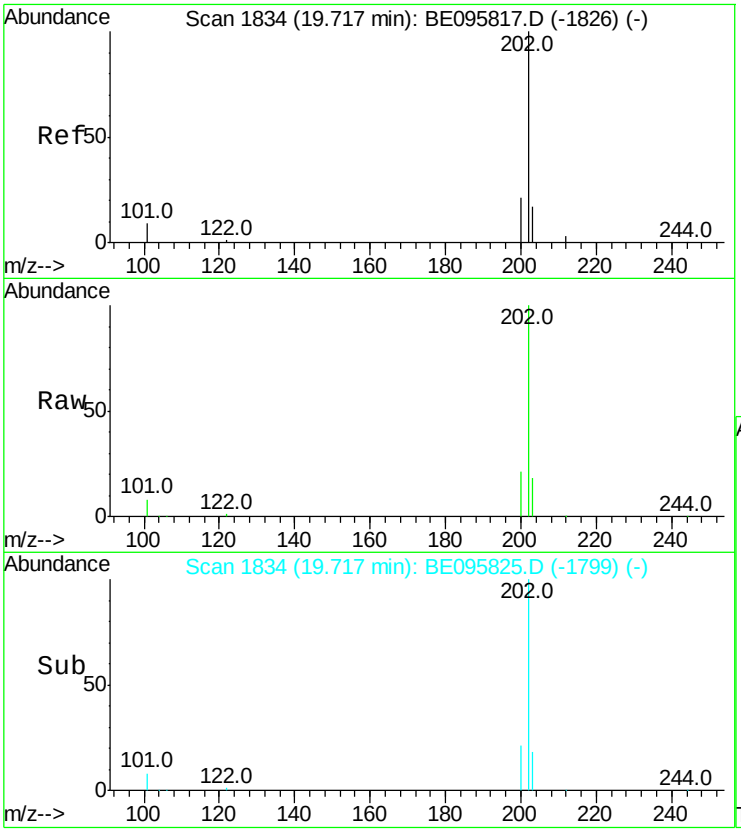


#25
Fluoranthene-d10
Concen: 0.000 ng
RT: 19.69 min Scan# 1829
Delta R.T. -0.00 min
Lab File: BE095825.D
Acq: 23 Mar 2018 15:44

Tgt Ion:212 Resp: 28

Ion	Ratio	Lower	Upper
212	100		
106	0.0	2.8	4.2#
104	28.6	1.6	2.4#



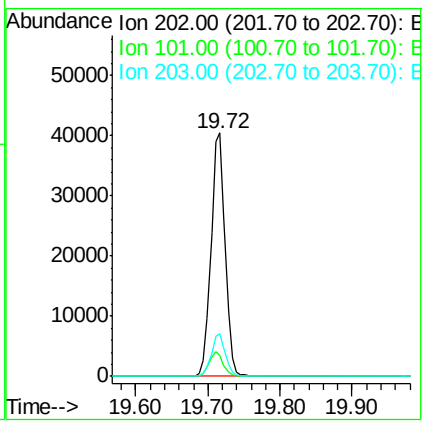


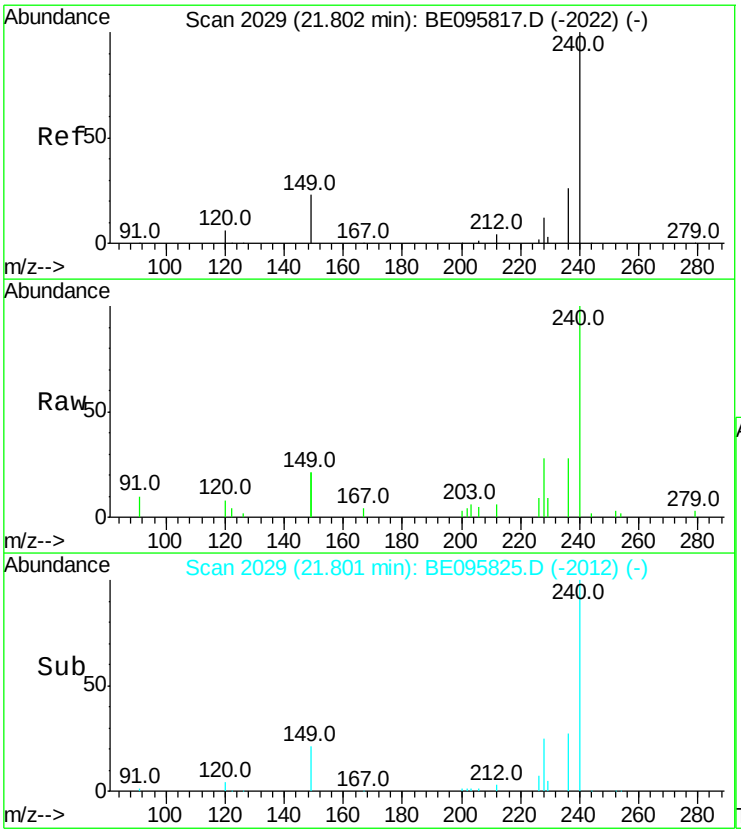
#26
Fluoranthene
Concen: 2.355 ng
RT: 19.72 min Scan# 1834
Delta R.T. -0.00 min
Lab File: BE095825.D
Acq: 23 Mar 2018 15:44

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:202 Resp: 54214

Ion	Ratio	Lower	Upper
202	100		
101	9.5	9.8	14.8#
203	17.3	13.7	20.5

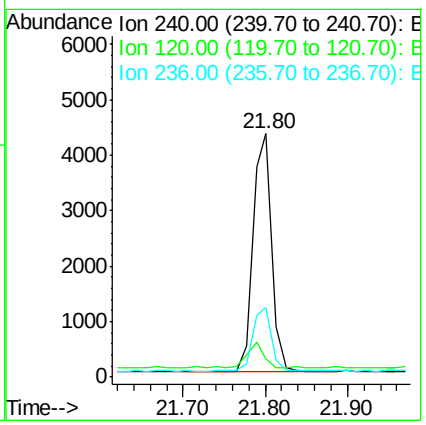


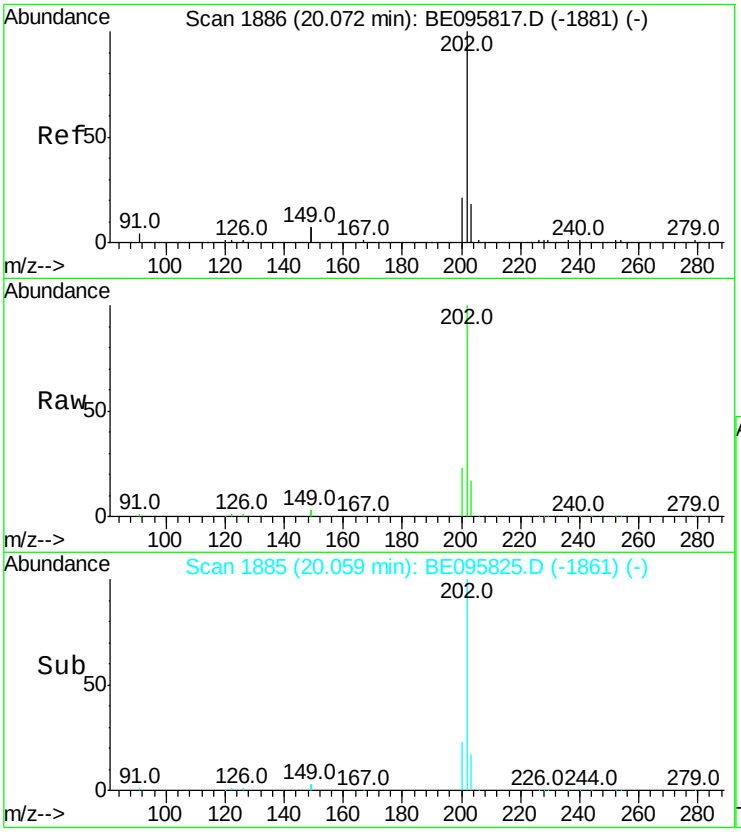


#27
Chrysene-d12
Concen: 0.400 ng
RT: 21.80 min Scan# 2029
Delta R.T. -0.00 min
Lab File: BE095825.D
Acq: 23 Mar 2018 15:44

Tgt Ion:240 Resp: 6874

Ion	Ratio	Lower	Upper
240	100		
120	7.6	5.5	8.3
236	28.5	20.7	31.1



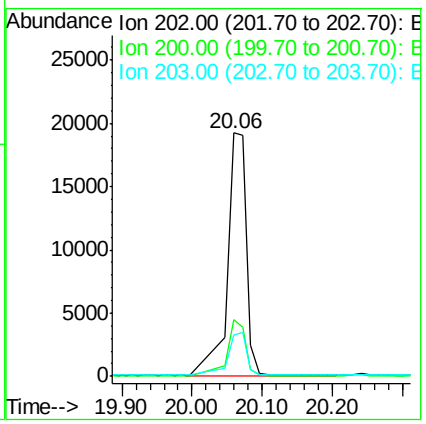


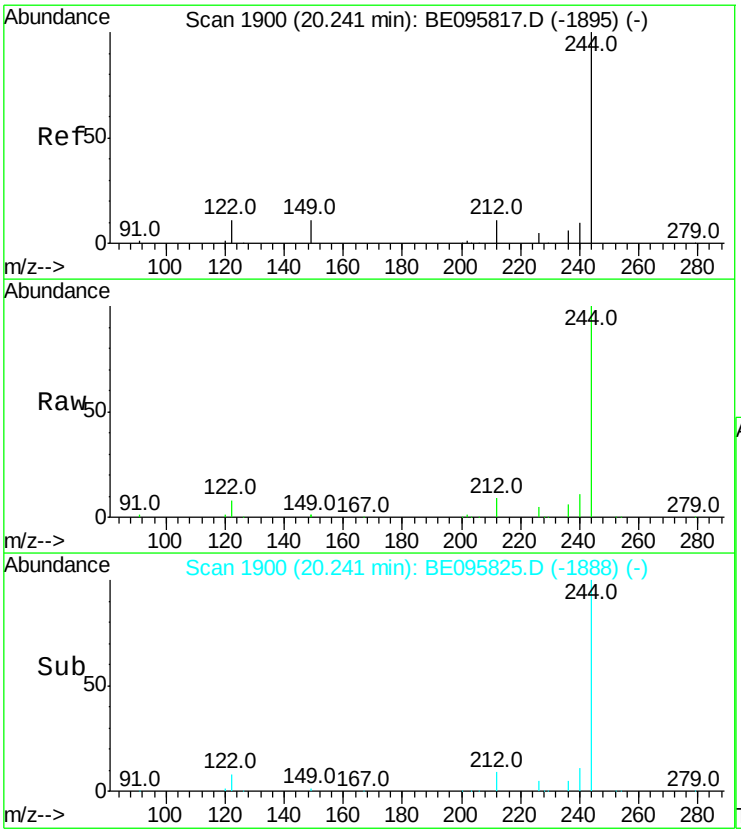
#28
Pyrene
Concen: 1.328 ng
RT: 20.06 min Scan# 1885
Delta R.T. -0.01 min
Lab File: BE095825.D
Acq: 23 Mar 2018 15:44

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:202 Resp: 37172

Ion	Ratio	Lower	Upper
202	100		
200	20.6	16.6	25.0
203	17.6	13.8	20.8

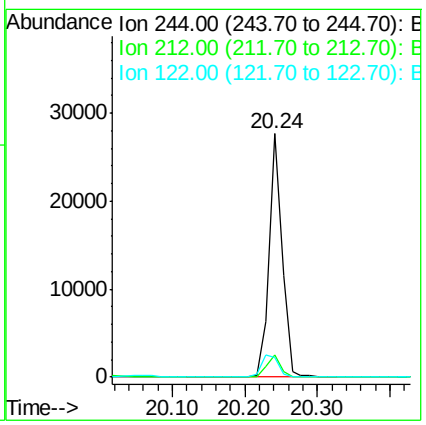


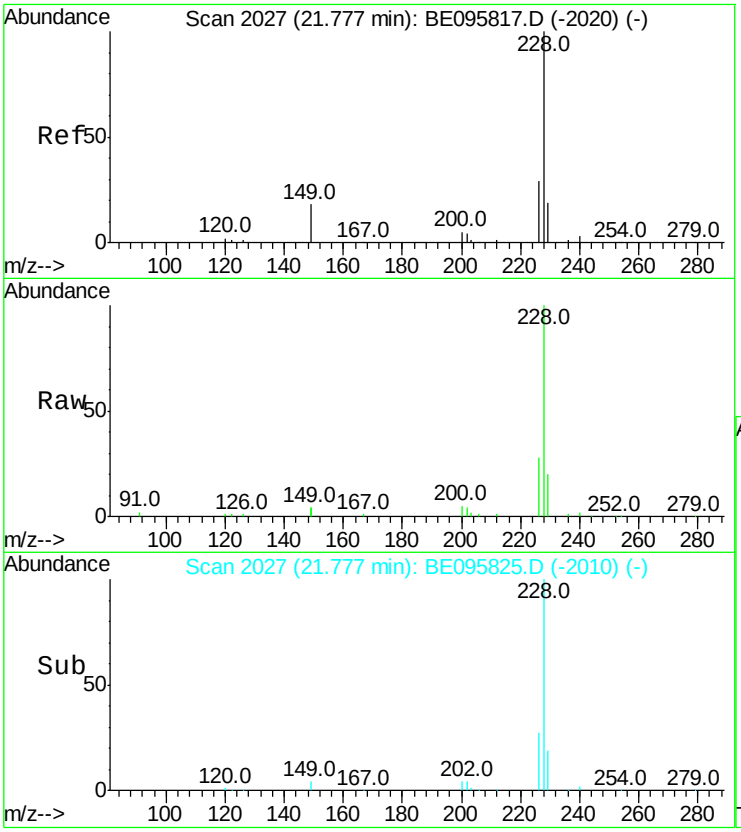


#29
Terphenyl-d14
Concen: 2.306 ng
RT: 20.24 min Scan# 1900
Delta R.T. -0.00 min
Lab File: BE095825.D
Acq: 23 Mar 2018 15:44

Tgt Ion:244 Resp: 33664

Ion	Ratio	Lower	Upper
244	100		
212	9.1	25.4	38.0#
122	7.9	8.1	12.1#



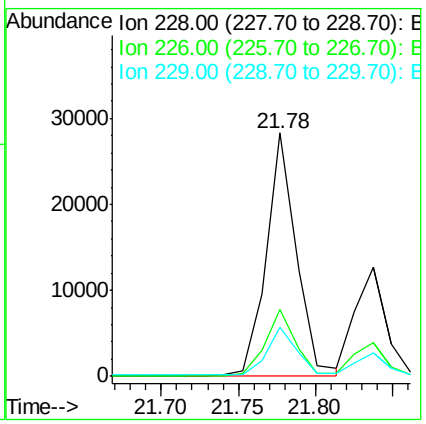


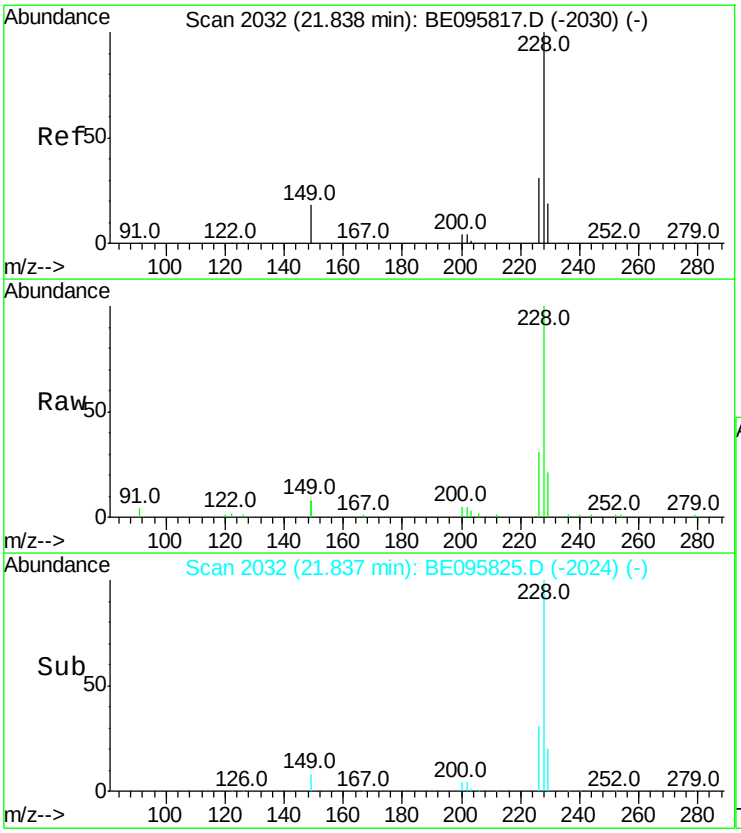
#30
Benzo(a)anthracene
Concen: 1.598 ng
RT: 21.78 min Scan# 2027
Delta R.T. -0.00 min
Lab File: BE095825.D
Acq: 23 Mar 2018 15:44

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:228 Resp: 38084

Ion	Ratio	Lower	Upper
228	100		
226	27.8	24.0	36.0
229	19.9	16.0	24.0

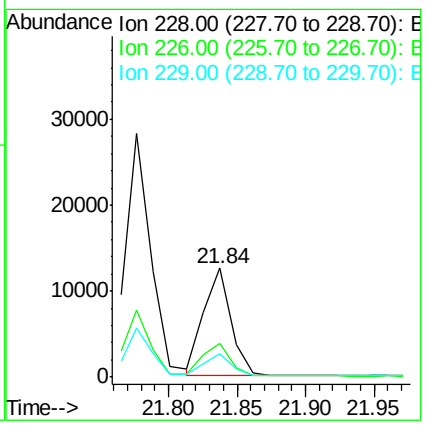


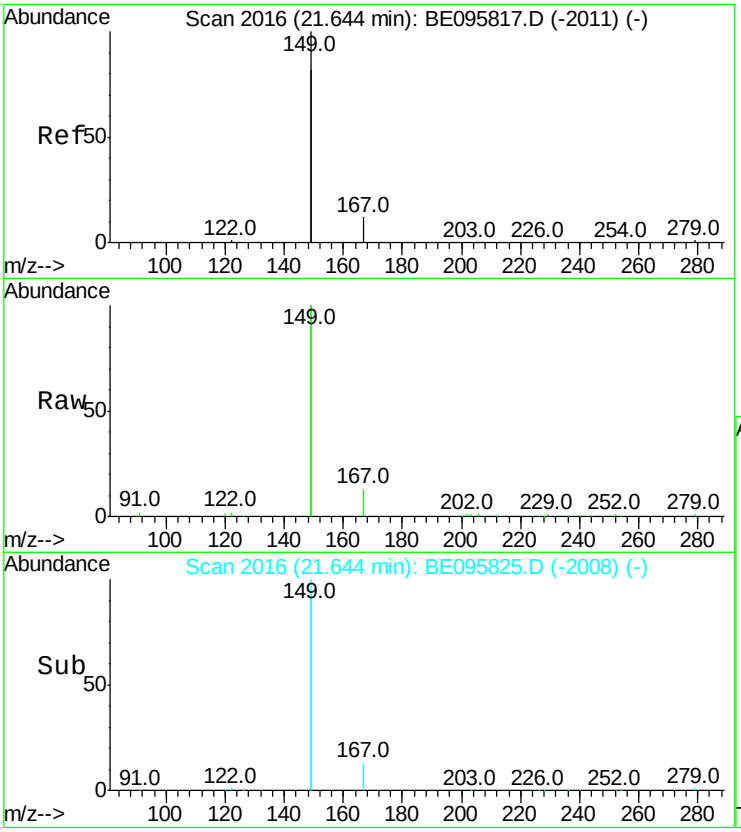


#31
Chrysene
Concen: 0.802 ng
RT: 21.84 min Scan# 2032
Delta R.T. -0.00 min
Lab File: BE095825.D
Acq: 23 Mar 2018 15:44

Tgt Ion:228 Resp: 17449

Ion	Ratio	Lower	Upper
228	100		
226	31.4	24.0	36.0
229	21.0	16.0	24.0



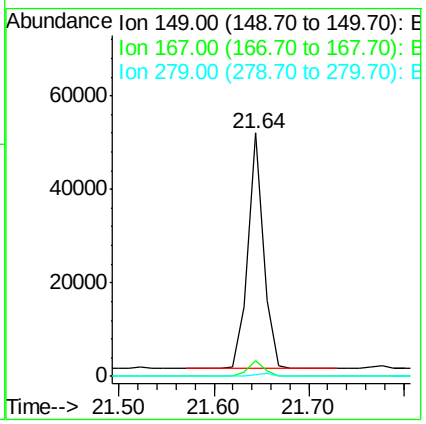


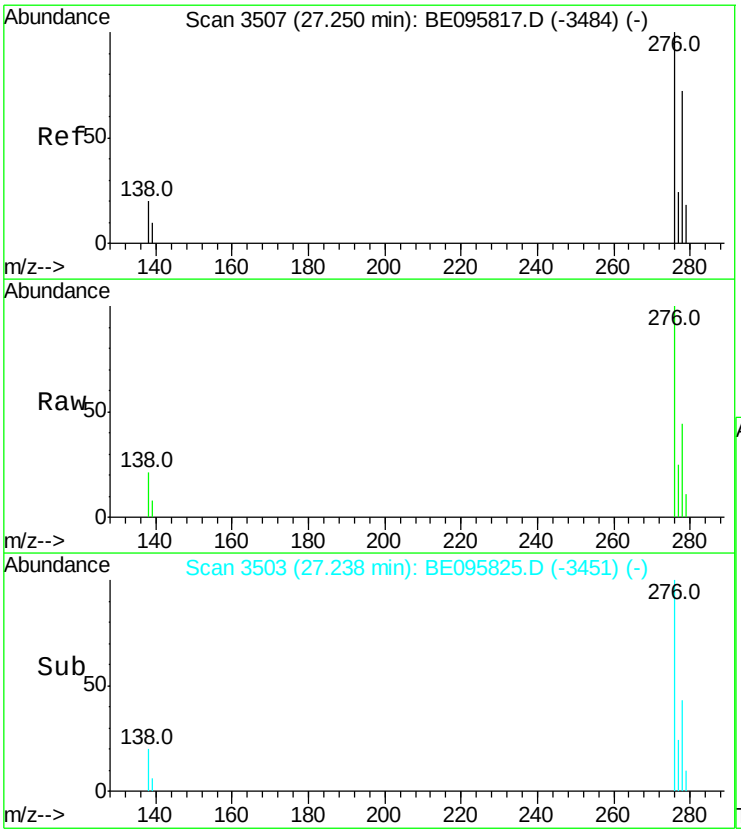
#32
Bis(2-ethylhexyl)phthalate
Concen: 0.790 ng
RT: 21.64 min Scan# 2016
Delta R.T. -0.00 min
Lab File: BE095825.D
Acq: 23 Mar 2018 15:44

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:149 Resp: 57594

Ion	Ratio	Lower	Upper
149	100		
167	6.7	5.4	8.0
279	0.9	0.7	1.1

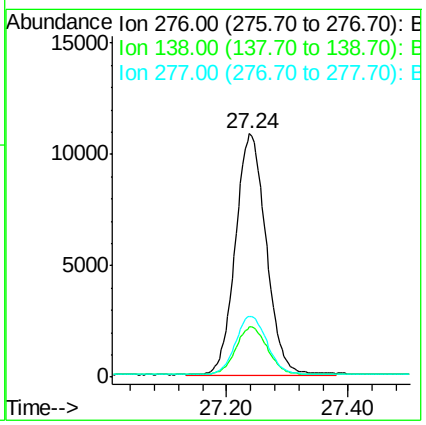


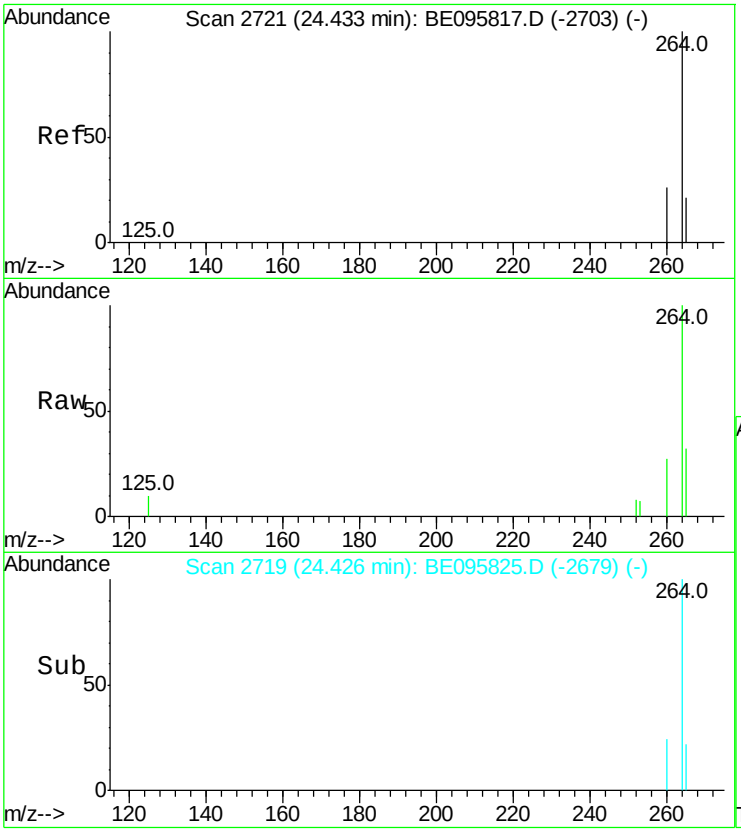


#33
Indeno(1,2,3-cd)pyrene
Concen: 1.624 ng
RT: 27.24 min Scan# 3503
Delta R.T. -0.01 min
Lab File: BE095825.D
Acq: 23 Mar 2018 15:44

Tgt Ion:276 Resp: 38055

Ion	Ratio	Lower	Upper
276	100		
138	20.2	22.5	33.7#
277	24.8	19.9	29.9



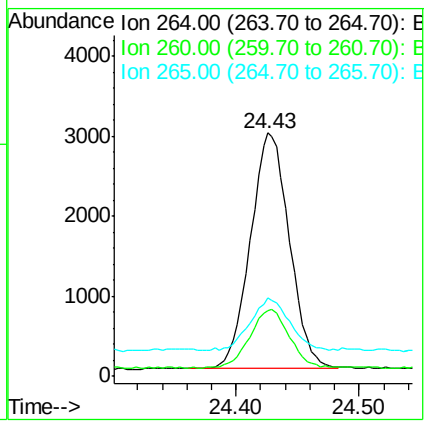


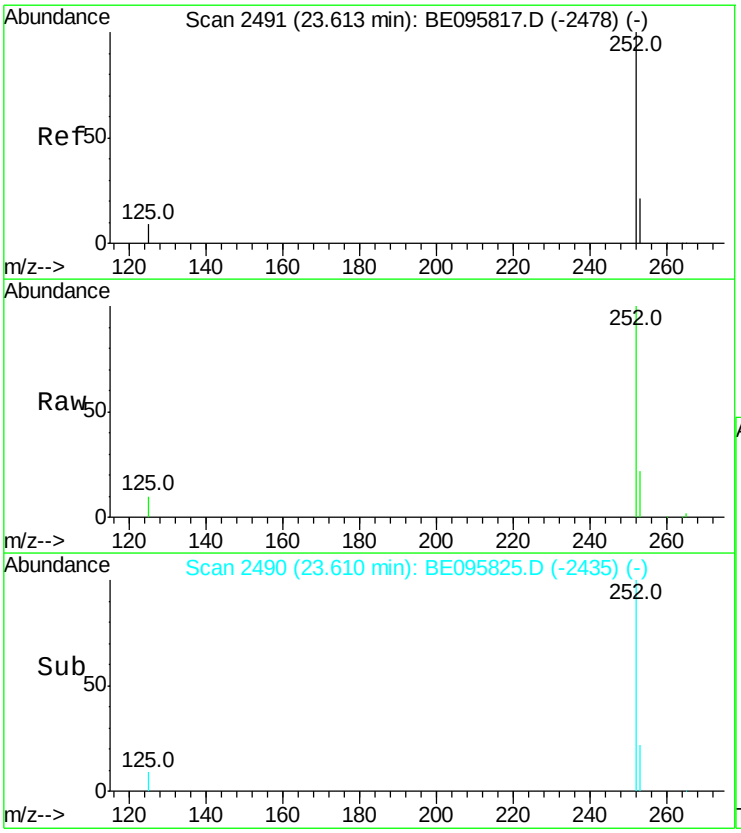
#34
Perylene-d12
Concen: 0.400 ng
RT: 24.43 min Scan# 2719
Delta R.T. -0.01 min
Lab File: BE095825.D
Acq: 23 Mar 2018 15:44

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:264 Resp: 6485

Ion	Ratio	Lower	Upper
264	100		
260	27.1	20.5	30.7
265	32.2	22.8	34.2

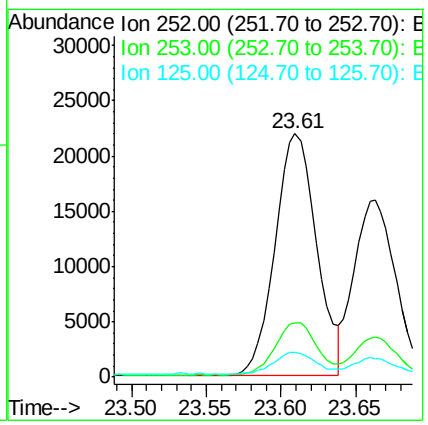


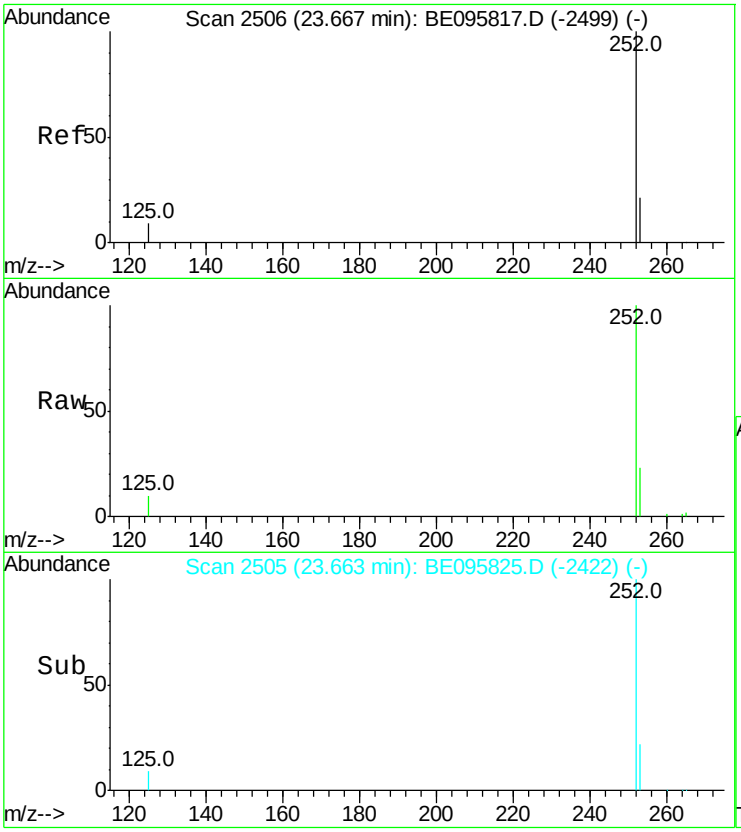


#35
Benzo(b)fluoranthene
Concen: 1.980 ng
RT: 23.61 min Scan# 2490
Delta R.T. -0.00 min
Lab File: BE095825.D
Acq: 23 Mar 2018 15:44

Tgt Ion:252 Resp: 42478

Ion	Ratio	Lower	Upper
252	100		
253	22.4	20.0	30.0
125	10.1	16.0	24.0#



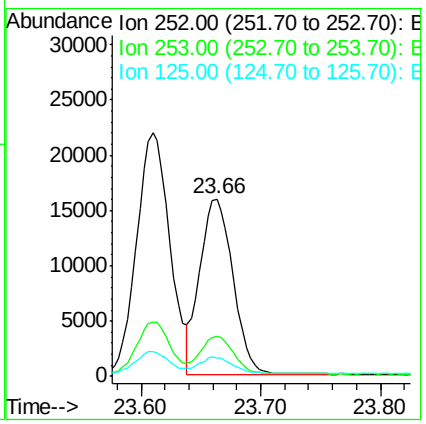


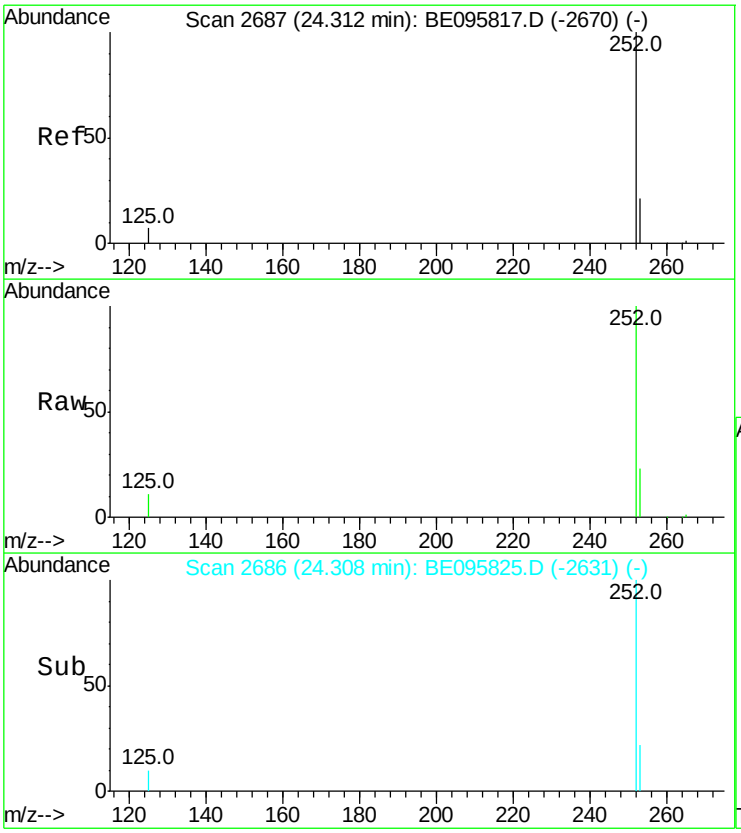
#36
Benzo(k)fluoranthene
Concen: 1.426 ng
RT: 23.66 min Scan# 2505
Delta R.T. -0.00 min
Lab File: BE095825.D
Acq: 23 Mar 2018 15:44

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:252 Resp: 30593

Ion	Ratio	Lower	Upper
252	100		
253	22.5	16.0	24.0
125	10.3	8.0	12.0

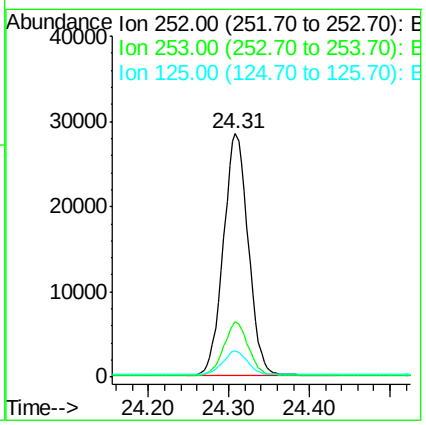


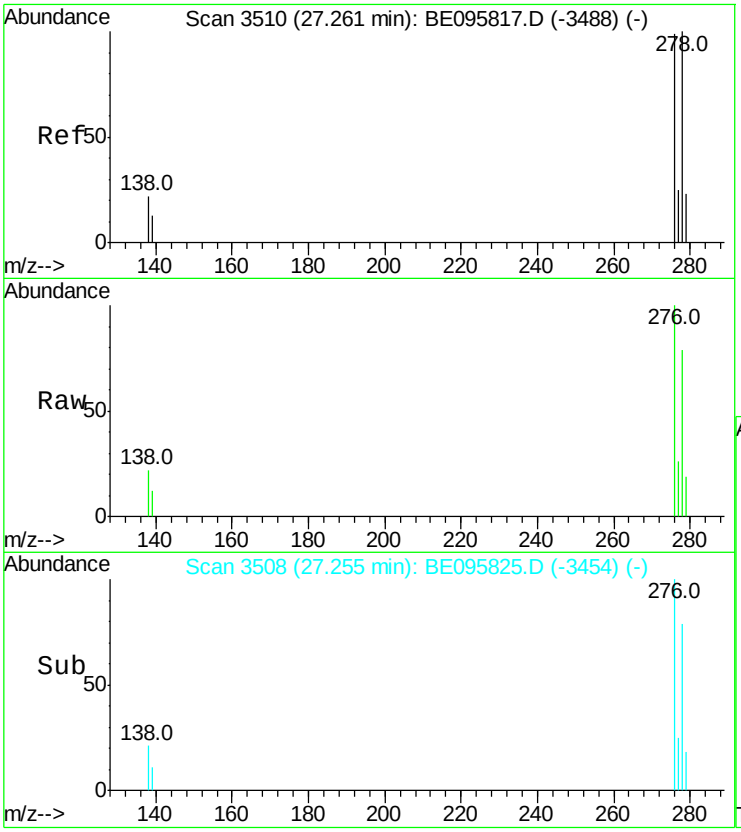


#37
Benzo(a)pyrene
Concen: 3.036 ng
RT: 24.31 min Scan# 2686
Delta R.T. -0.00 min
Lab File: BE095825.D
Acq: 23 Mar 2018 15:44

Tgt Ion:252 Resp: 61054

Ion	Ratio	Lower	Upper
252	100		
253	22.6	16.0	24.0
125	10.9	12.0	18.0#



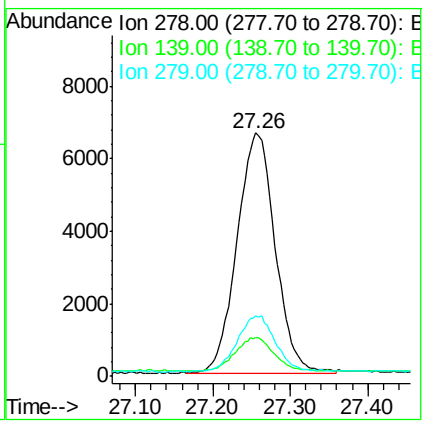


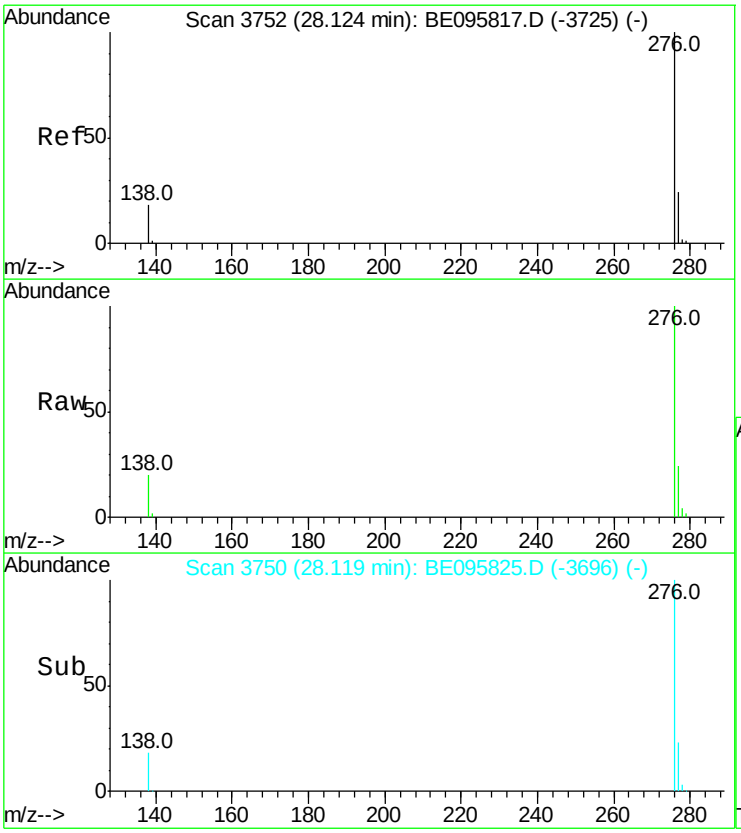
#38
Dibenzo(a,h)anthracene
Concen: 1.181 ng
RT: 27.26 min Scan# 3508
Delta R.T. -0.01 min
Lab File: BE095825.D
Acq: 23 Mar 2018 15:44

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:278 Resp: 22569

Ion	Ratio	Lower	Upper
278	100		
139	15.8	16.0	24.0#
279	24.8	20.0	30.0





#39
Benzo(g,h,i)perylene
Concen: 1.397 ng
RT: 28.12 min Scan# 3750
Delta R.T. -0.01 min
Lab File: BE095825.D
Acq: 23 Mar 2018 15:44

Tgt Ion:276 Resp: 26801

Ion	Ratio	Lower	Upper
276	100		
277	24.4	16.0	24.0#
138	19.6	20.0	30.0#