Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA E\DATA\BE030618\
Data File : BE095710.D
Acq On : 6 Mar 2018 22:46
Operator : SJ/JU
Sample : J1811-06 20X
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument : BNA_E
ClientSampleId :

Quant Time: Mar 07 01:12:58 2018
Quant Method : Z:\HPCHEM1\BNA E\METHODS\8270-SIM-BE022318.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Feb 23 12:12:42 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.43	152	1413	0.40	ng		0.00
7) Naphthalene-d8	11.27	136	5949	0.40	ng		0.00
13) Acenaphthene-d10	15.00	164	3508	0.40	ng		0.00
19) Phenanthrene-d10	17.71	188	7888	0.40	ng		0.00
27) Chrysene-d12	21.80	240	7968	0.40	ng		0.00
34) Perylene-d12	24.43	264	7316	0.40	ng		0.00
System Monitoring Compounds							
4) 2-Fluorophenol	5.92	112	24	0.01	ng		0.00
5) Phenol-d6	7.57	99	28	0.01	ng		0.01
8) Nitrobenzene-d5	9.61	82	67	0.01	ng		0.00
11) 2-Methylnaphthalene-d10	12.80	152	87	0.01	ng		0.00
14) 2,4,6-Tribromophenol	16.47	330	13	0.12	ng		0.00
15) 2-Fluorobiphenyl	13.64	172	140	0.01	ng		0.00
25) Fluoranthene-d10	19.69	212	518	0.01	ng		0.00
29) Terphenyl-d14	20.24	244	135	0.01	ng		-0.01
Target Compounds							Qvalue
9) Naphthalene	11.31	128	3687	0.054	ng	#	95
12) 2-Methylnaphthalene	12.88	142	1550	0.131	ng		99
16) Acenaphthylene	14.73	152	2887	0.147	ng	#	95
17) Acenaphthene	15.06	154	567	0.046	ng	#	77
18) Fluorene	16.03	166	3293	0.215	ng	#	77
22) Pentachlorophenol	17.38	266	6	0.182	ng		95
23) Phenanthrene	17.75	178	64271	2.607	ng		98
24) Anthracene	17.84	178	17339	0.766	ng		94
26) Fluoranthene	19.72	202	90401	2.980	ng	#	97
28) Pyrene	20.07	202	93214	2.861	ng	#	95
30) Benzo(a)anthracene	21.78	228	45343	1.744	ng		98
31) Chrysene	21.84	228	36630	1.417	ng		97
33) Indeno(1,2,3-cd)pyrene	27.22	276	13788	0.550	ng	#	91
35) Benzo(b)fluoranthene	23.61	252	35161	1.349	ng	#	89
36) Benzo(k)fluoranthene	23.61	252	35161	1.356	ng		95
37) Benzo(a)pyrene	24.19	252	16752	0.713	ng		94
38) Dibenzo(a,h)anthracene	27.23	278	4148	0.198	ng	#	90
39) Benzo(g,h,i)perylene	28.10	276	12203	0.545	ng	#	92

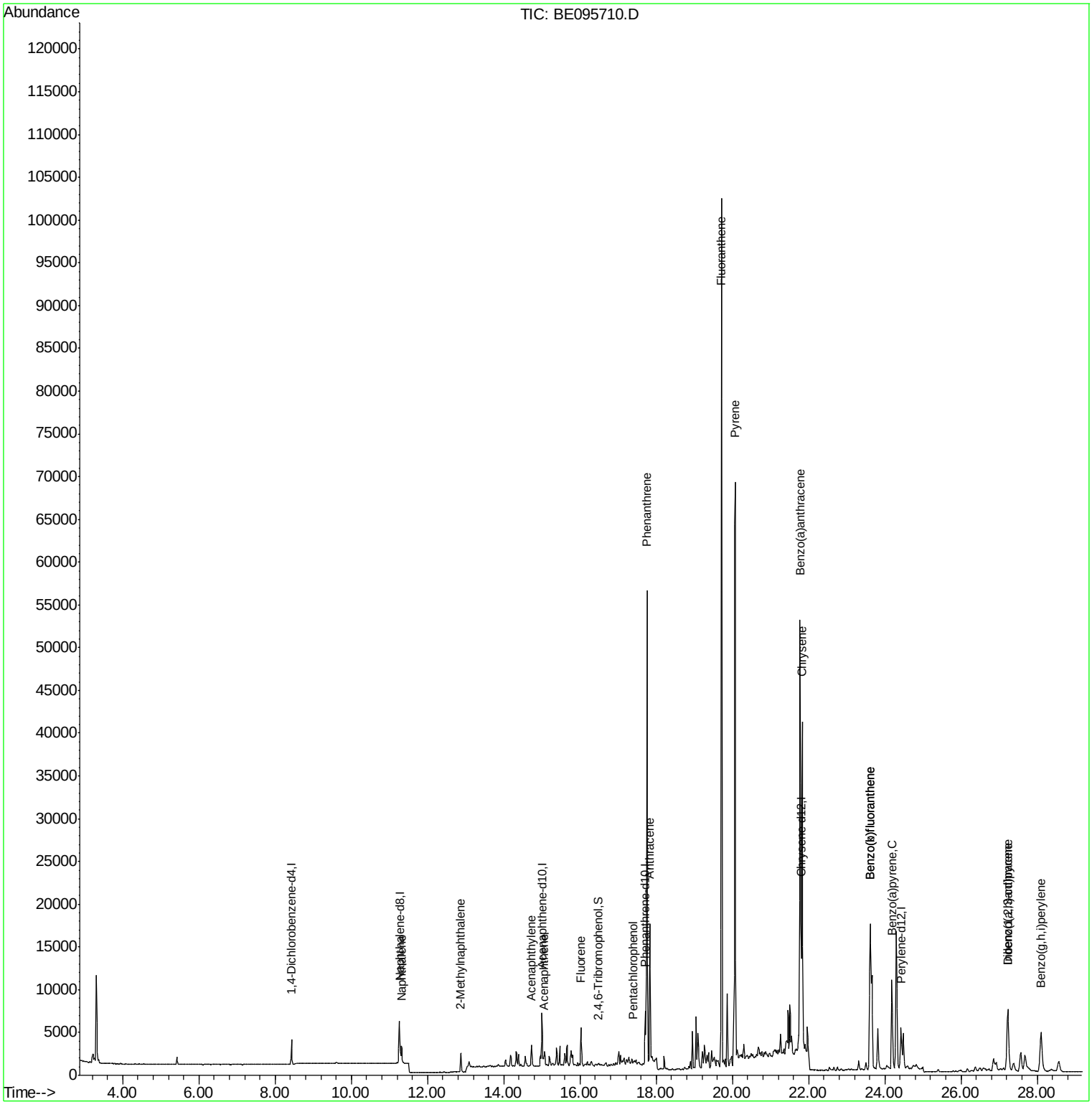
(#) = qualifier out of range (m) = manual integration (+) = signals summed

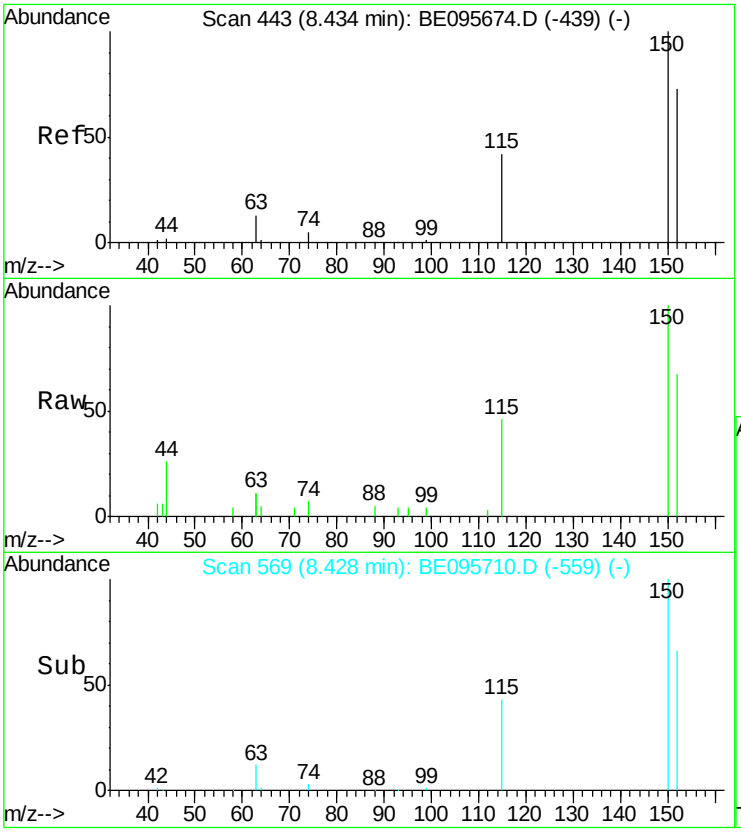
Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA E\DATA\BE030618\
Data File : BE095710.D
Acq On : 6 Mar 2018 22:46
Operator : SJ/JU
Sample : J1811-06 20X
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument :
BNA_E
ClientSampleId :

Quant Time: Mar 07 01:12:58 2018
Quant Method : Z:\HPCHEM1\BNA E\METHODS\8270-SIM-BE022318.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Feb 23 12:12:42 2018
Response via : Initial Calibration



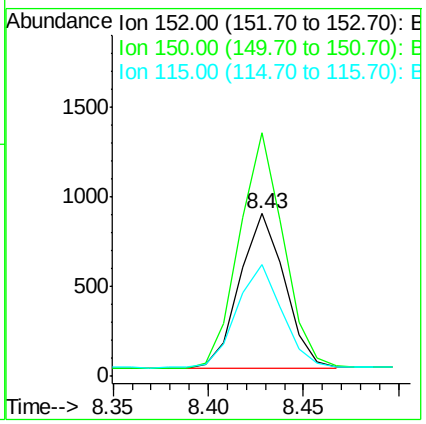


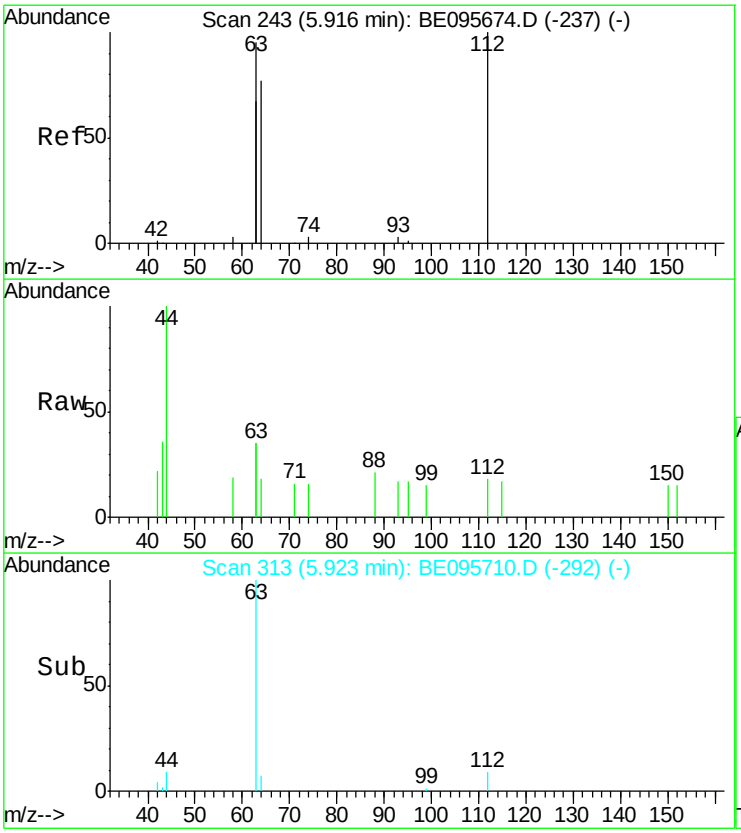
#1
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 8.43 min Scan# 569
Delta R.T. -0.01 min
Lab File: BE095710.D
Acq: 6 Mar 2018 22:46

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:152 Resp: 1413

Ion	Ratio	Lower	Upper
152	100		
150	149.6	117.2	175.8
115	68.3	57.0	85.6

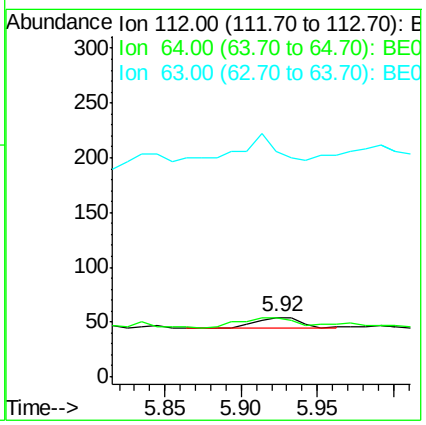


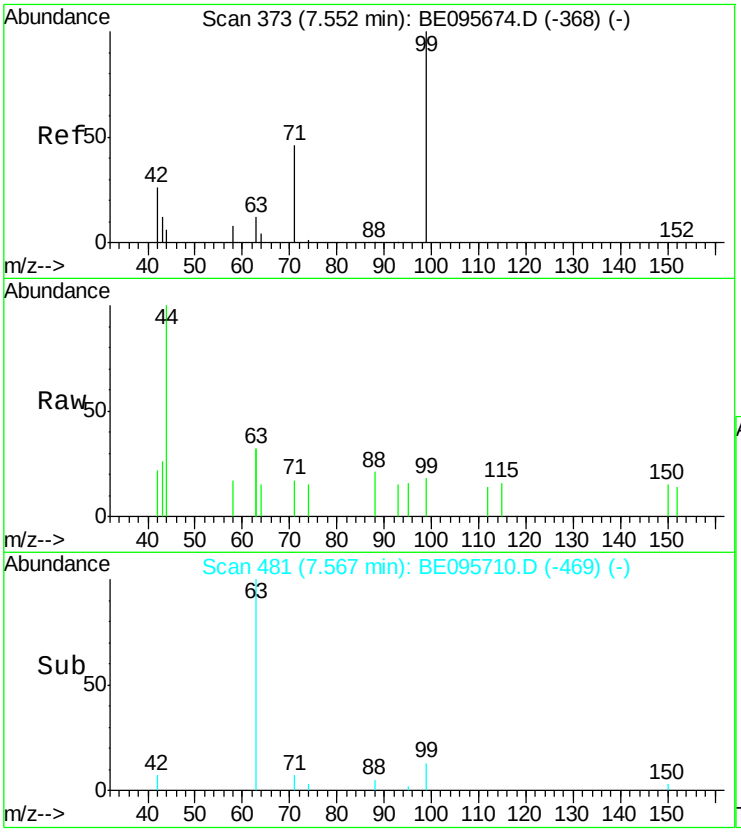


#4
2-Fluorophenol
Concen: 0.006 ng
RT: 5.92 min Scan# 313
Delta R.T. 0.01 min
Lab File: BE095710.D
Acq: 6 Mar 2018 22:46

Tgt Ion:112 Resp: 24

Ion	Ratio	Lower	Upper
112	100		
64	116.7	60.1	90.1#
63	212.5	116.8	175.2#



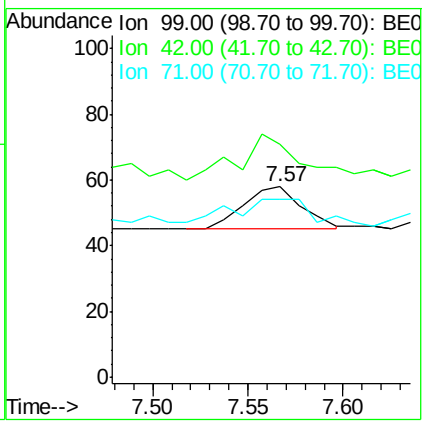


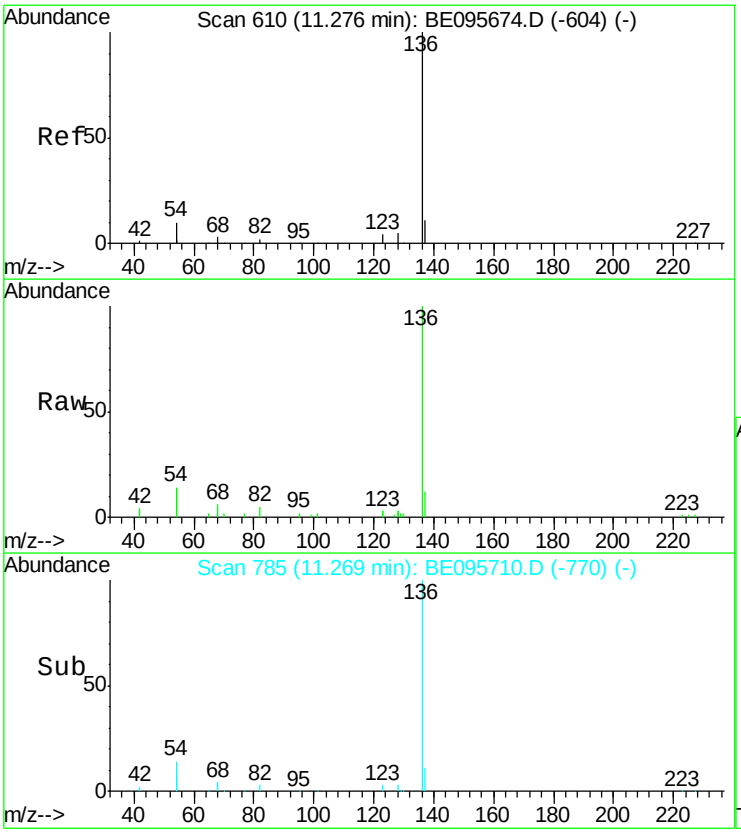
#5
Phenol-d6
Concen: 0.005 ng
RT: 7.57 min Scan# 481
Delta R.T. 0.01 min
Lab File: BE095710.D
Acq: 6 Mar 2018 22:46

Instrument :
BNA_E
ClientSampleId :

Tgt Ion: 99 Resp: 28

Ion	Ratio	Lower	Upper
99	100		
42	110.7	20.2	30.2#
71	67.9	28.4	42.6#

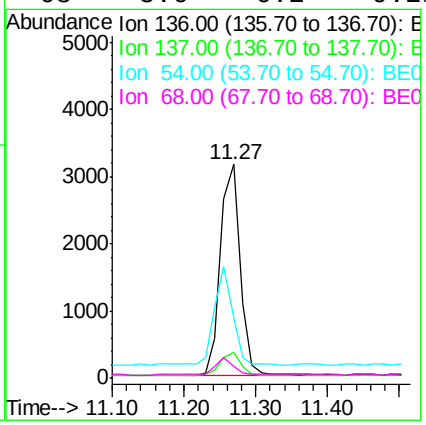


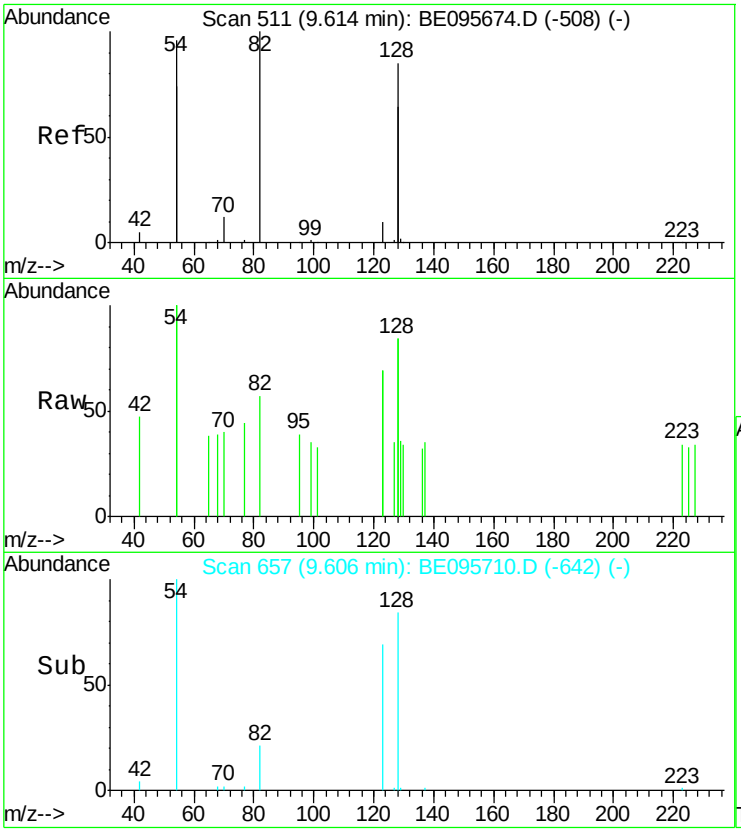


#7
Naphthalene-d8
Concen: 0.400 ng
RT: 11.27 min Scan# 785
Delta R.T. -0.01 min
Lab File: BE095710.D
Acq: 6 Mar 2018 22:46

Tgt Ion:136 Resp: 5949

Ion	Ratio	Lower	Upper
136	100		
137	12.3	9.5	14.3
54	28.2	29.1	43.7#
68	5.6	6.2	9.2#



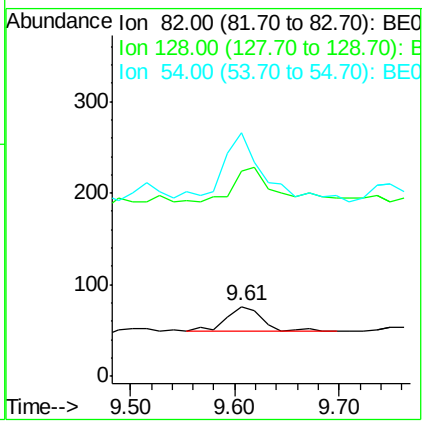


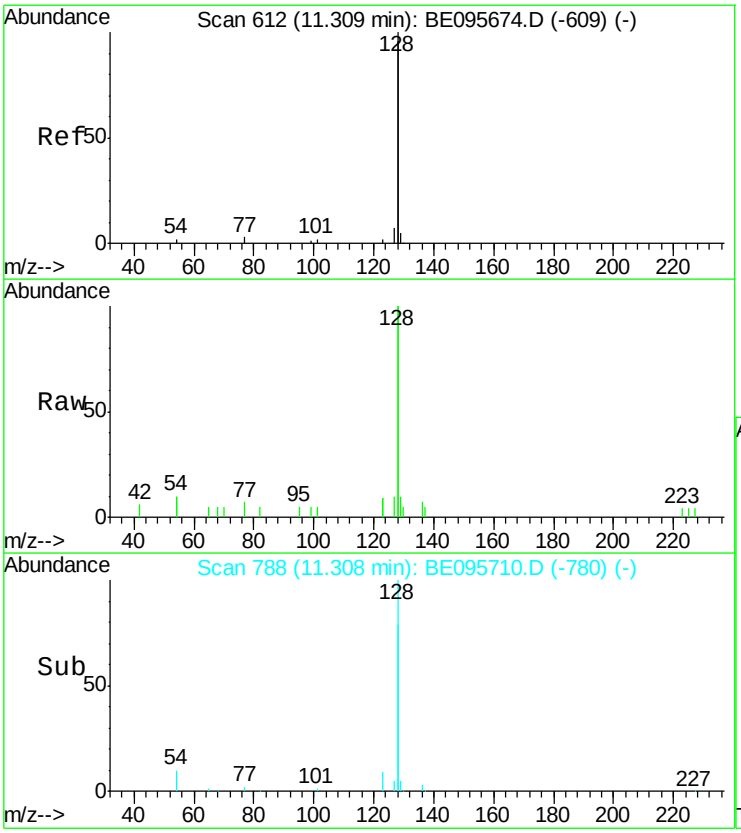
#8
Nitrobenzene-d5
Concen: 0.011 ng
RT: 9.61 min Scan# 657
Delta R.T. -0.01 min
Lab File: BE095710.D
Acq: 6 Mar 2018 22:46

Instrument :
BNA_E
ClientSampleId :

Tgt Ion: 82 Resp: 67

Ion	Ratio	Lower	Upper
82	100		
128	294.7	150.0	225.0#
54	350.0	154.2	231.4#

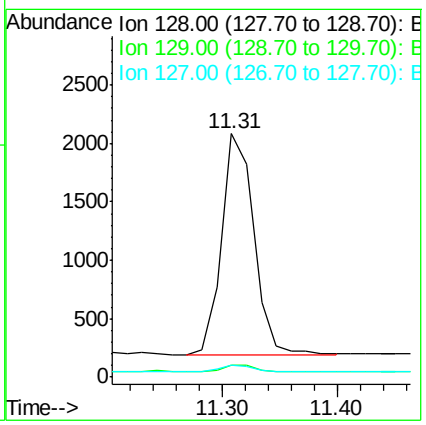


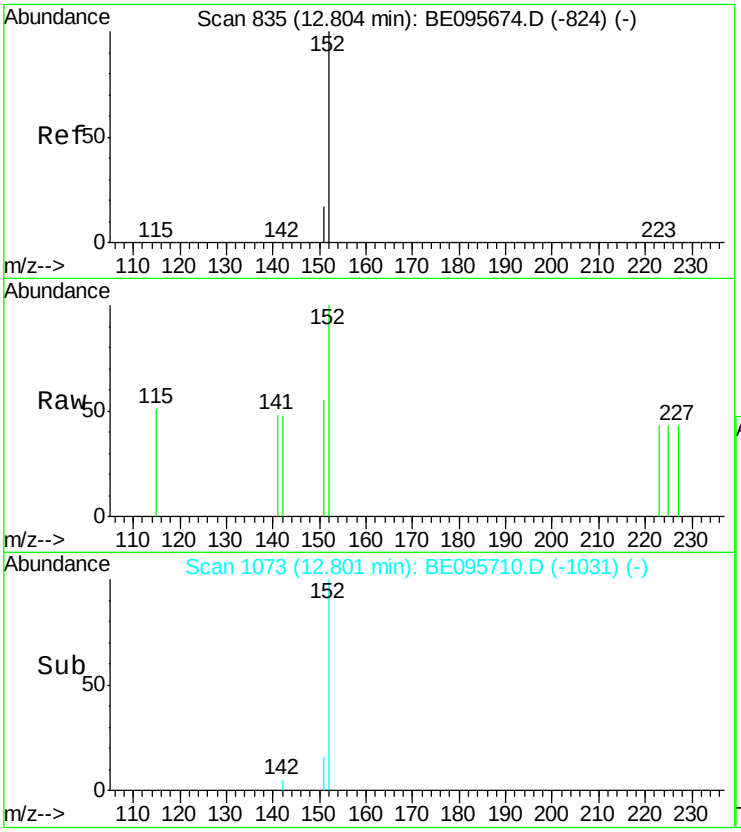


#9
Naphthalene
Concen: 0.054 ng
RT: 11.31 min Scan# 788
Delta R.T. -0.00 min
Lab File: BE095710.D
Acq: 6 Mar 2018 22:46

Tgt Ion:128 Resp: 3687

Ion	Ratio	Lower	Upper
128	100		
129	4.8	2.6	3.8#
127	4.9	2.8	4.2#



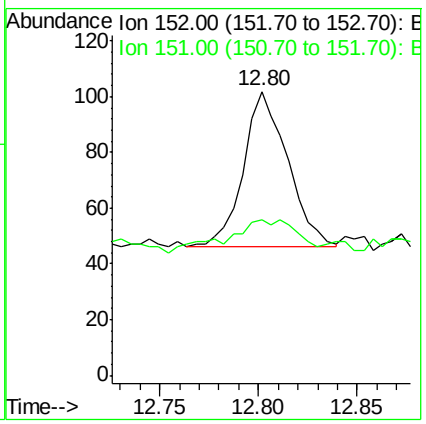


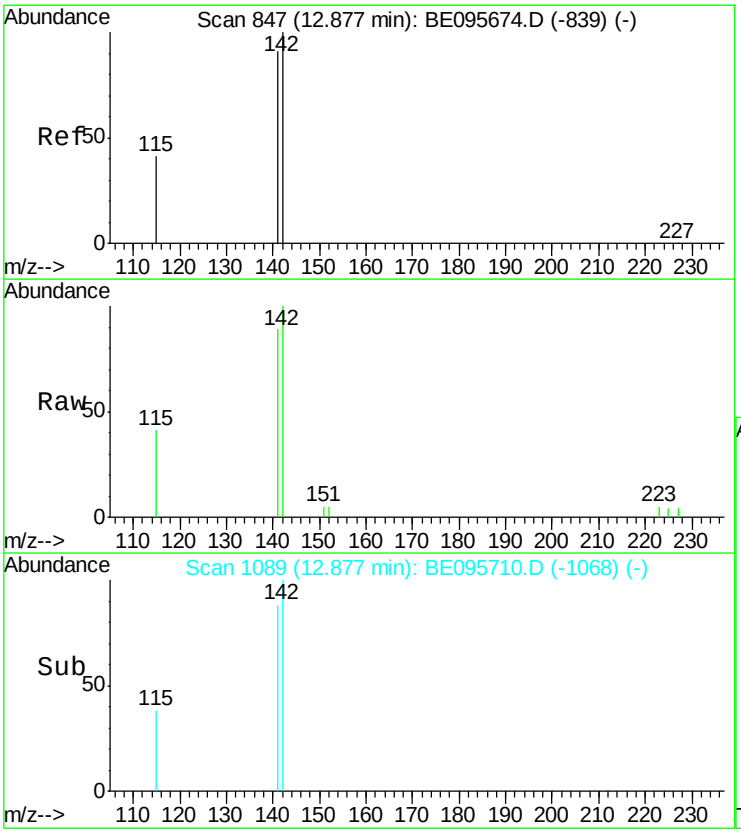
#11
2-Methylnaphthalene-d10
Concen: 0.009 ng
RT: 12.80 min Scan# 1073
Delta R.T. -0.00 min
Lab File: BE095710.D
Acq: 6 Mar 2018 22:46

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:152 Resp: 87

Ion	Ratio	Lower	Upper
152	100		
151	33.3	15.4	23.0#

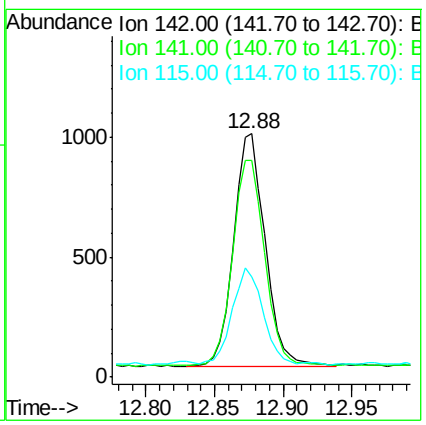


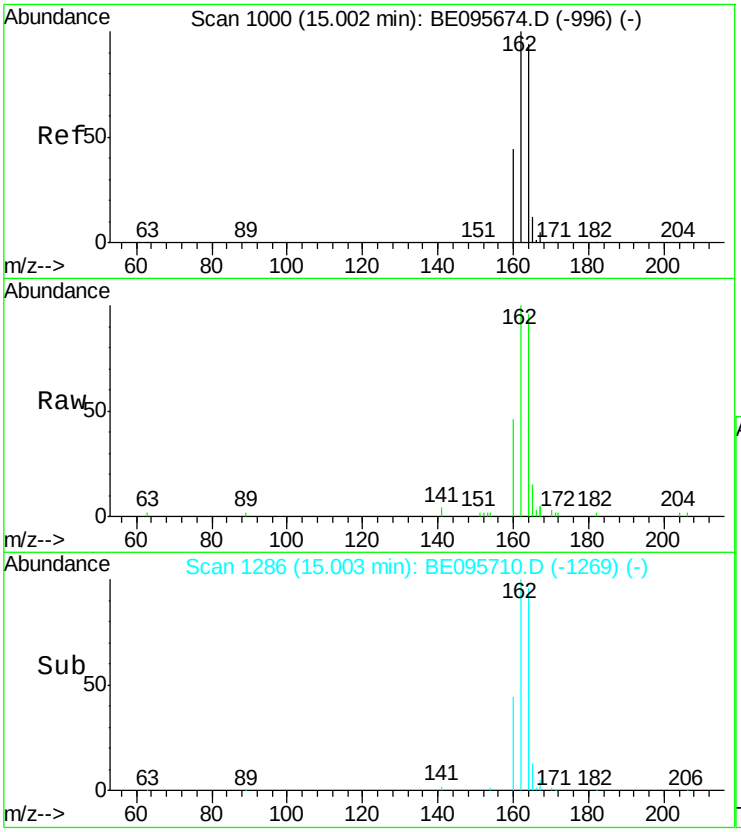


#12
2-Methylnaphthalene
Concen: 0.131 ng
RT: 12.88 min Scan# 1089
Delta R.T. 0.00 min
Lab File: BE095710.D
Acq: 6 Mar 2018 22:46

Tgt Ion:142 Resp: 1550

Ion	Ratio	Lower	Upper
142	100		
141	88.9	70.4	105.6
115	41.2	31.7	47.5



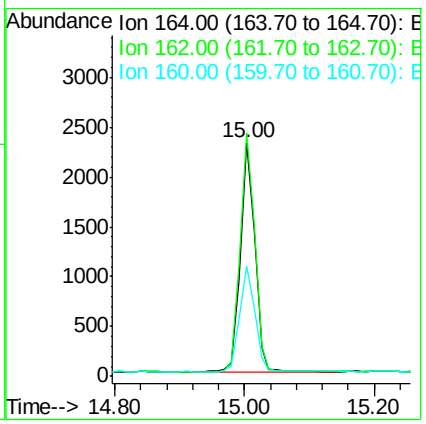


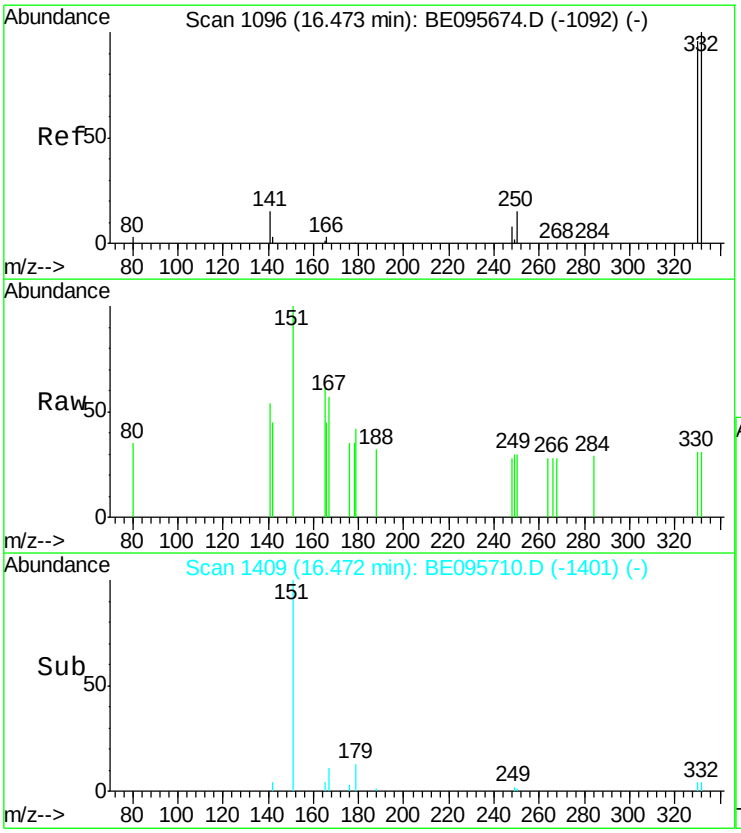
#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 15.00 min Scan# 1286
Delta R.T. 0.00 min
Lab File: BE095710.D
Acq: 6 Mar 2018 22:46

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:164 Resp: 3508

Ion	Ratio	Lower	Upper
164	100		
162	104.1	83.1	124.7
160	47.5	37.1	55.7

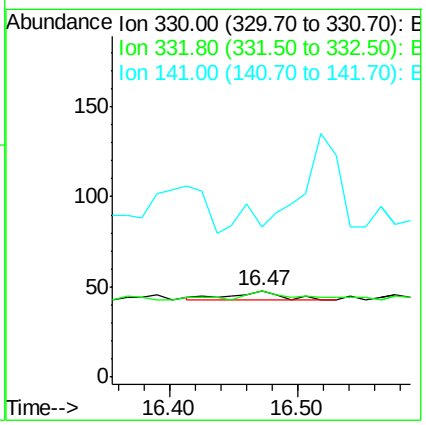


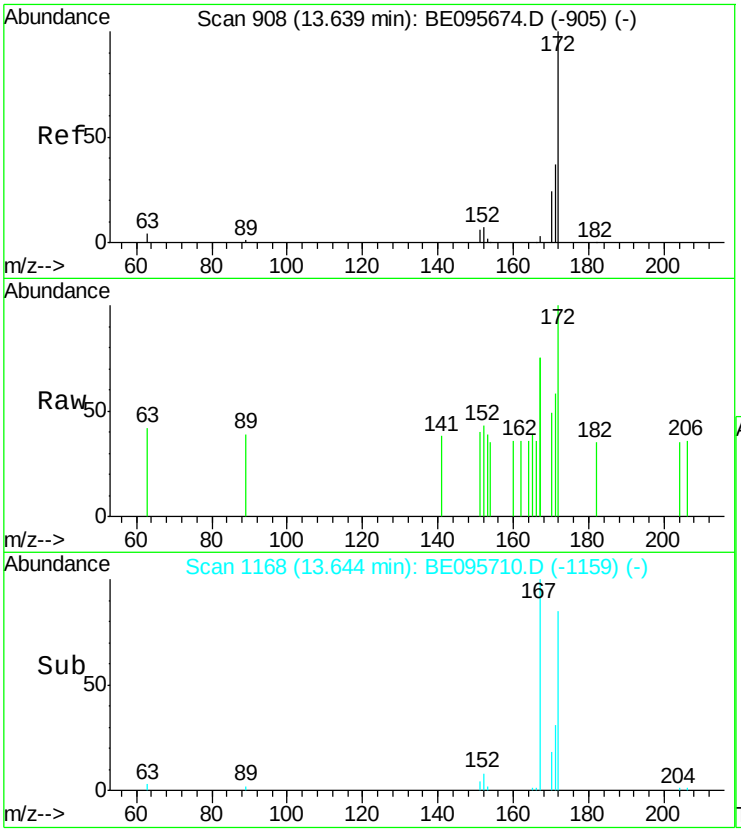


#14
2,4,6-Tribromophenol
Concen: 0.123 ng
RT: 16.47 min Scan# 1409
Delta R.T. -0.00 min
Lab File: BE095710.D
Acq: 6 Mar 2018 22:46

Tgt Ion:330 Resp: 13

Ion	Ratio	Lower	Upper
330	100		
332	115.4	152.7	229.1#
141	69.2	33.7	50.5#



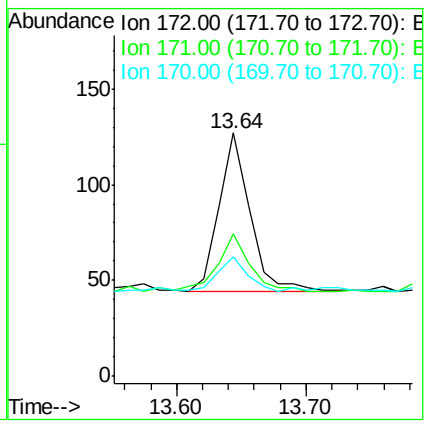


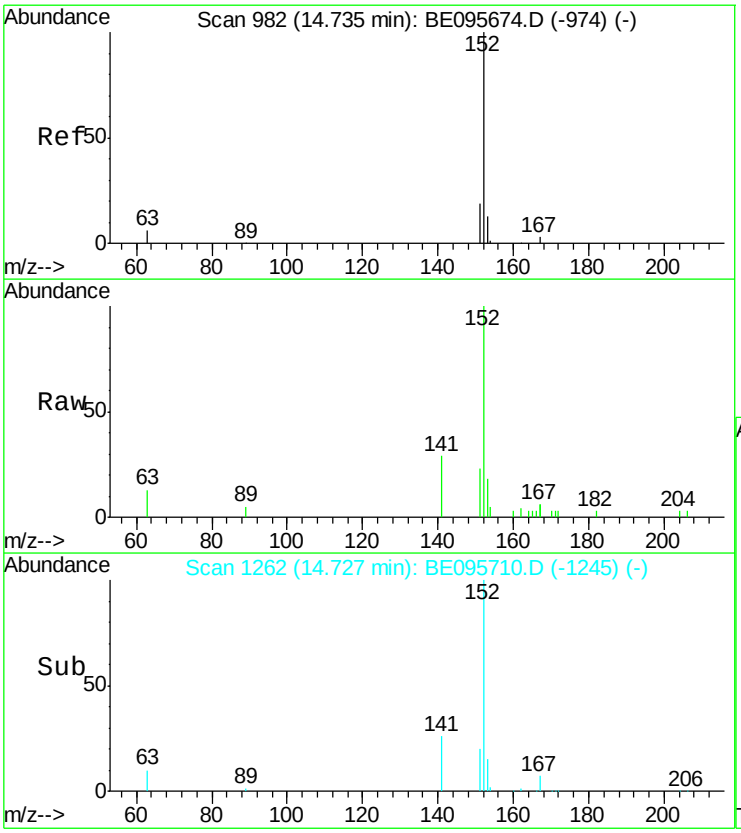
#15
2-Fluorobiphenyl
Concen: 0.009 ng
RT: 13.64 min Scan# 1168
Delta R.T. 0.00 min
Lab File: BE095710.D
Acq: 6 Mar 2018 22:46

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:172 Resp: 140

Ion	Ratio	Lower	Upper
172	100		
171	58.3	29.9	44.9#
170	48.8	21.8	32.8#

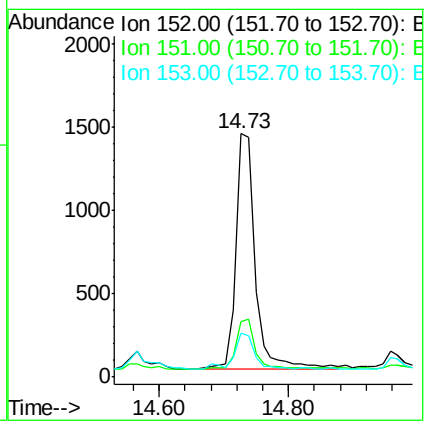


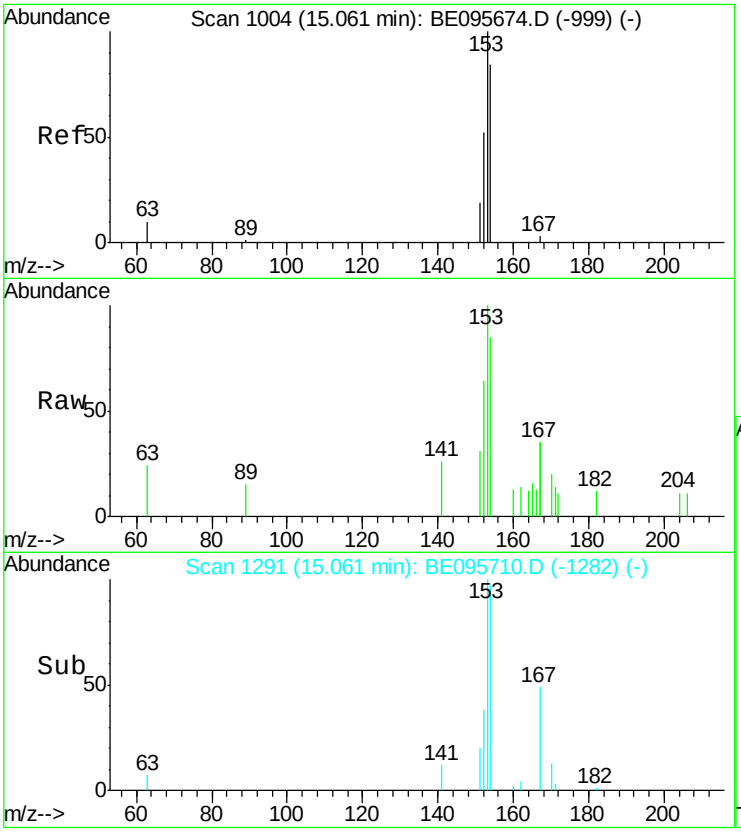


#16
Acenaphthylene
Concen: 0.147 ng
RT: 14.73 min Scan# 1262
Delta R.T. -0.01 min
Lab File: BE095710.D
Acq: 6 Mar 2018 22:46

Tgt Ion:152 Resp: 2887

Ion	Ratio	Lower	Upper
152	100		
151	21.1	15.7	23.5
153	15.7	10.5	15.7#



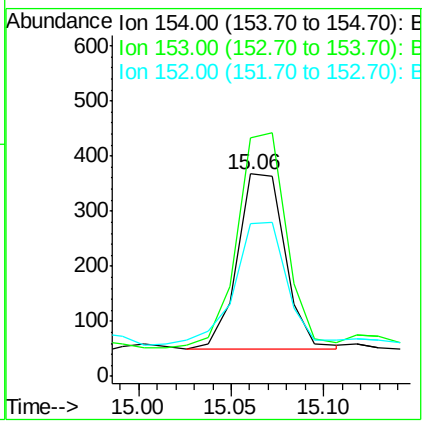


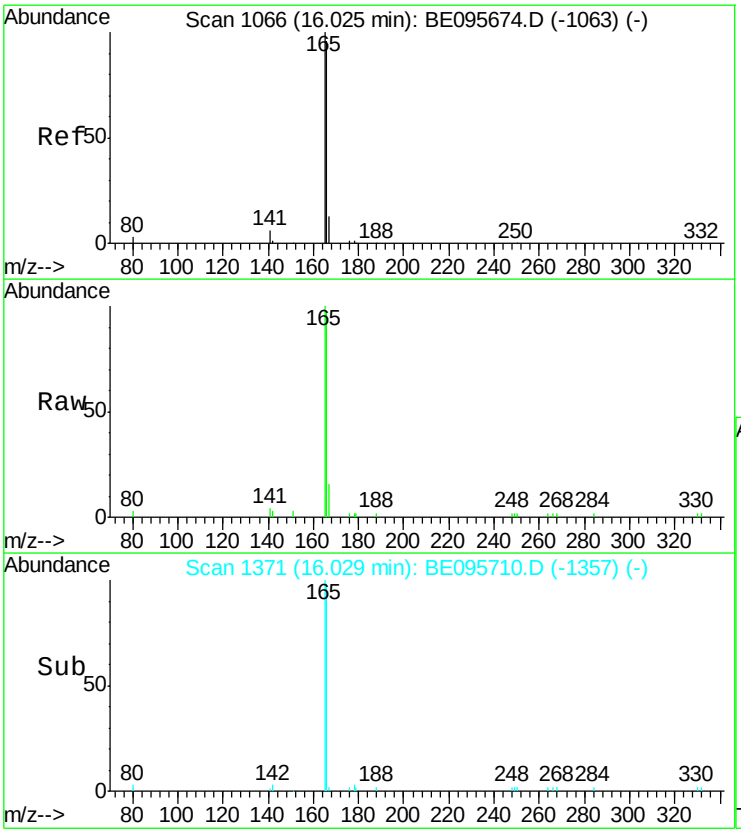
#17
Acenaphthene
Concen: 0.046 ng
RT: 15.06 min Scan# 1291
Delta R.T. -0.00 min
Lab File: BE095710.D
Acq: 6 Mar 2018 22:46

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:154 Resp: 567

Ion	Ratio	Lower	Upper
154	100		
153	129.1	89.2	133.8
152	78.0	42.0	63.0#

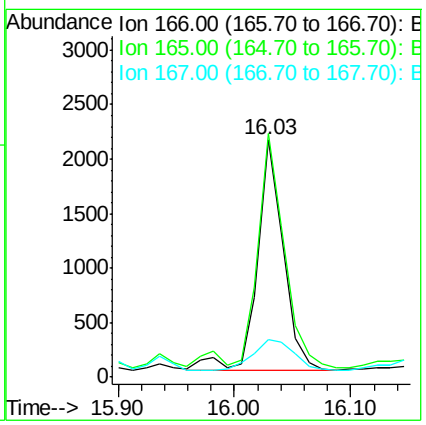


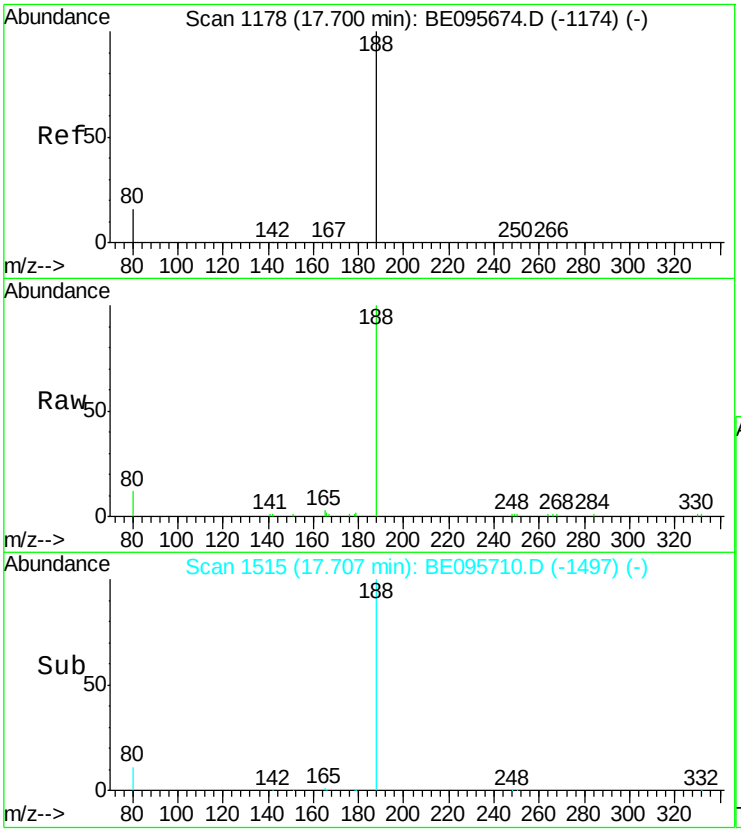


#18
Fluorene
Concen: 0.215 ng
RT: 16.03 min Scan# 1371
Delta R.T. 0.00 min
Lab File: BE095710.D
Acq: 6 Mar 2018 22:46

Tgt Ion:166 Resp: 3293

Ion	Ratio	Lower	Upper
166	100		
165	108.2	77.8	116.6
167	21.4	42.4	63.6#



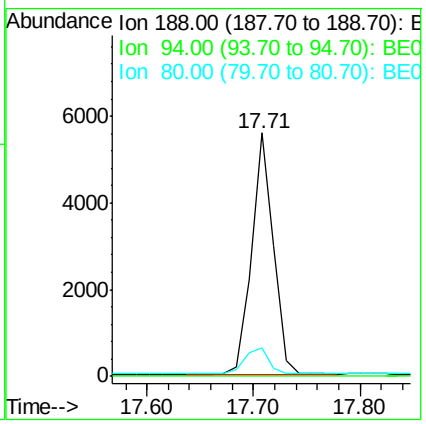


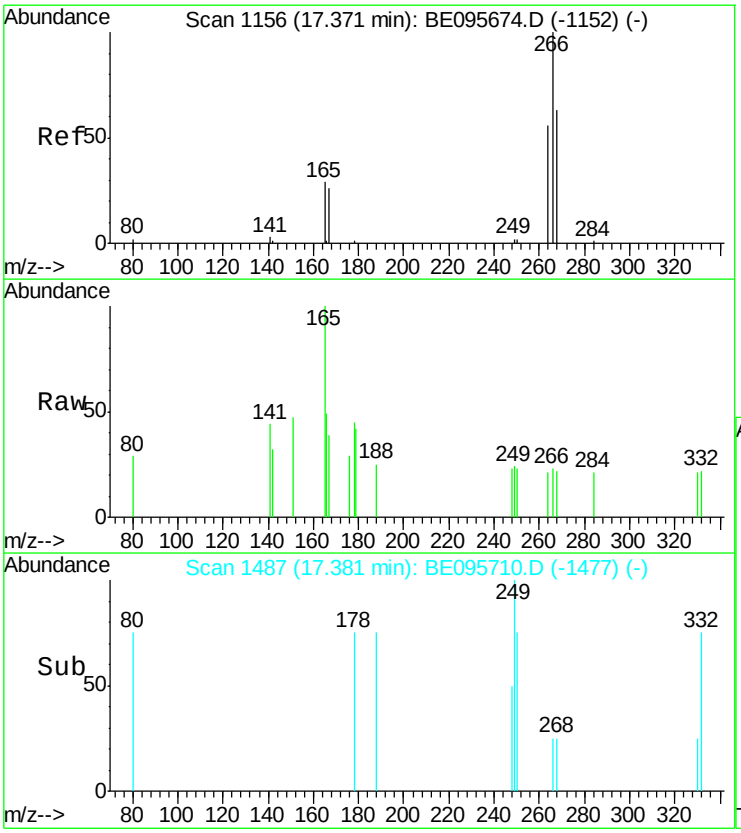
#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.71 min Scan# 1515
Delta R.T. 0.01 min
Lab File: BE095710.D
Acq: 6 Mar 2018 22:46

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:188 Resp: 7888

Ion	Ratio	Lower	Upper
188	100		
94	0.0	3.9	5.9#
80	11.6	3.6	5.4#

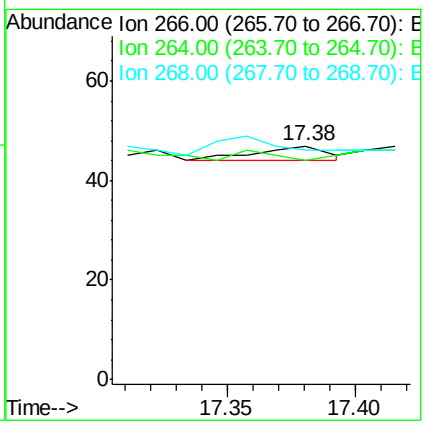


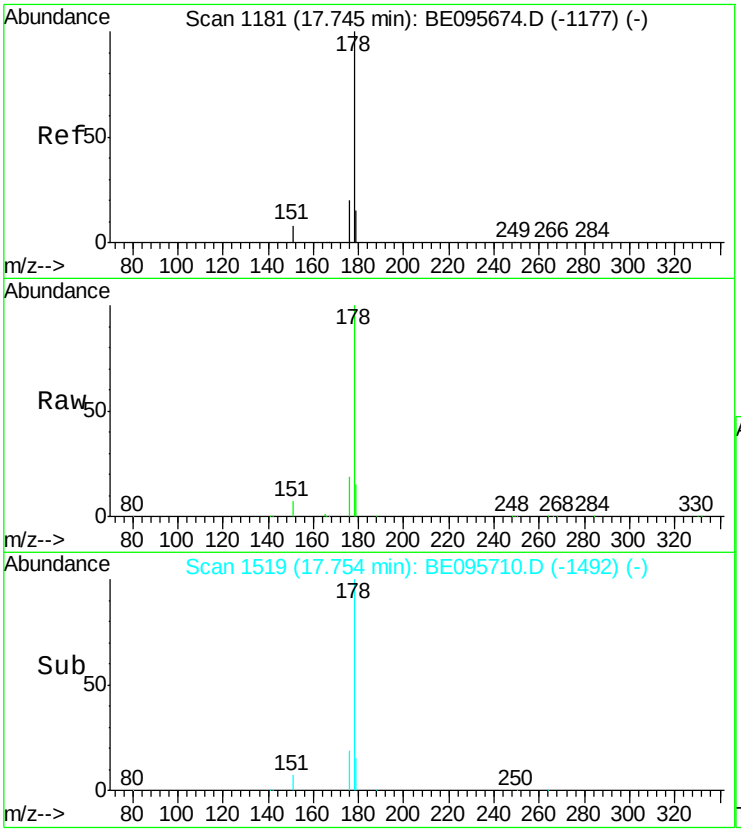


#22
Pentachlorophenol
Concen: 0.182 ng
RT: 17.38 min Scan# 1487
Delta R.T. 0.01 min
Lab File: BE095710.D
Acq: 6 Mar 2018 22:46

Tgt Ion:266 Resp: 6

Ion	Ratio	Lower	Upper
266	100		
264	93.6	72.5	108.7
268	97.9	73.8	110.6



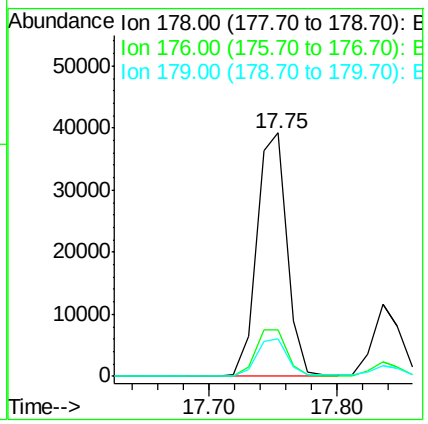


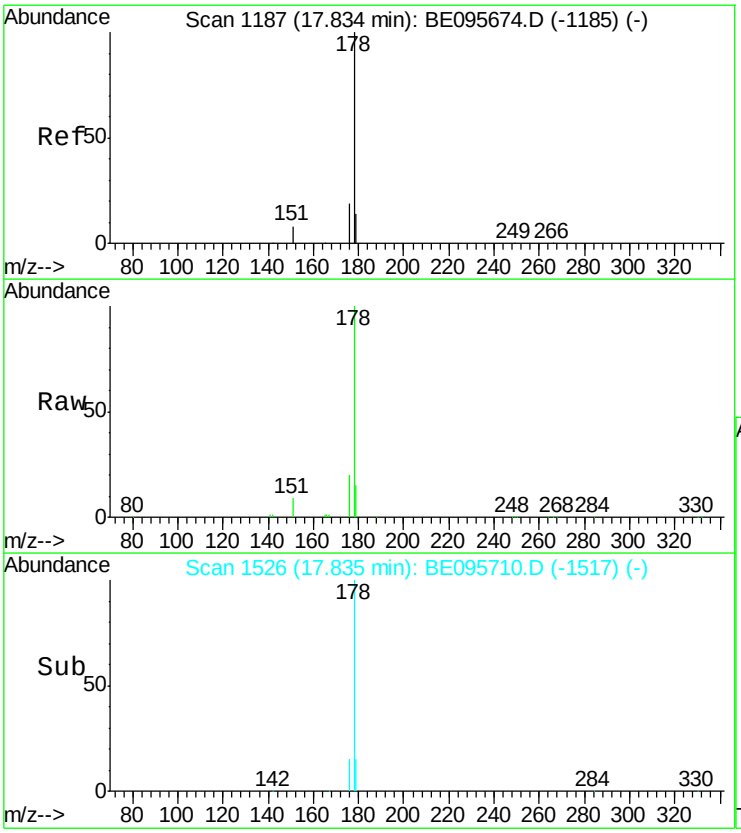
#23
Phenanthrene
Concen: 2.607 ng
RT: 17.75 min Scan# 1519
Delta R.T. 0.01 min
Lab File: BE095710.D
Acq: 6 Mar 2018 22:46

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:178 Resp: 64271

Ion	Ratio	Lower	Upper
178	100		
176	19.6	15.1	22.7
179	15.4	11.8	17.6

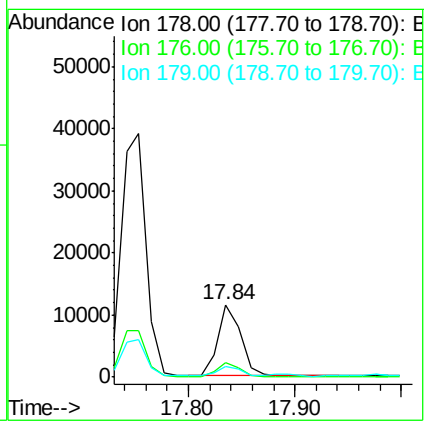


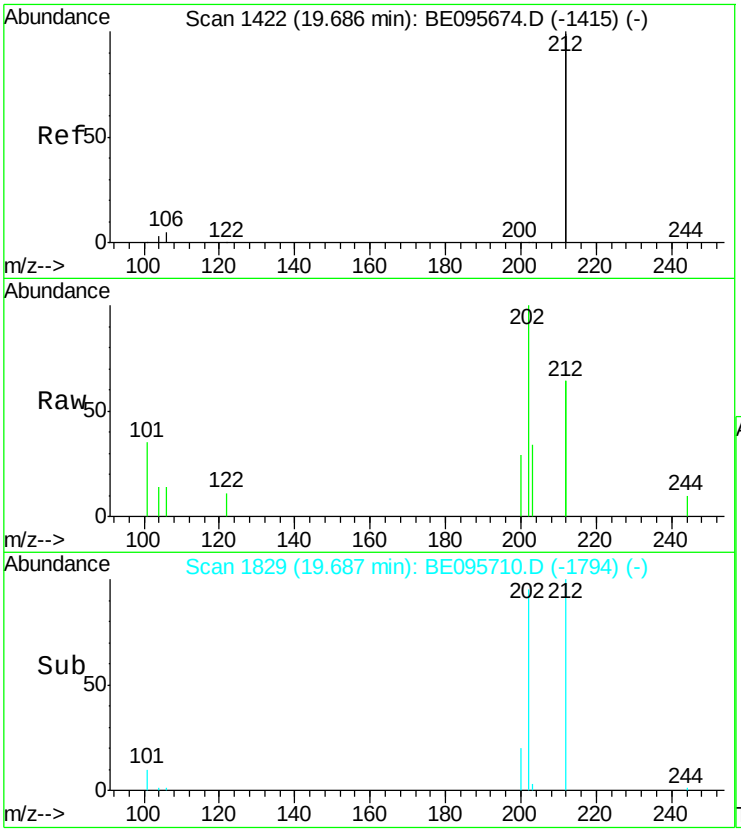


#24
Anthracene
Concen: 0.766 ng
RT: 17.84 min Scan# 1526
Delta R.T. 0.00 min
Lab File: BE095710.D
Acq: 6 Mar 2018 22:46

Tgt Ion:178 Resp: 17339

Ion	Ratio	Lower	Upper
178	100		
176	19.0	12.8	19.2
179	14.4	13.0	19.6



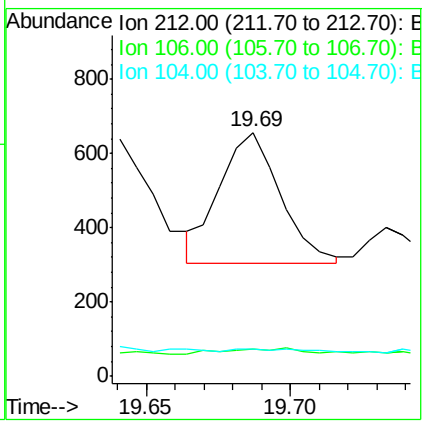


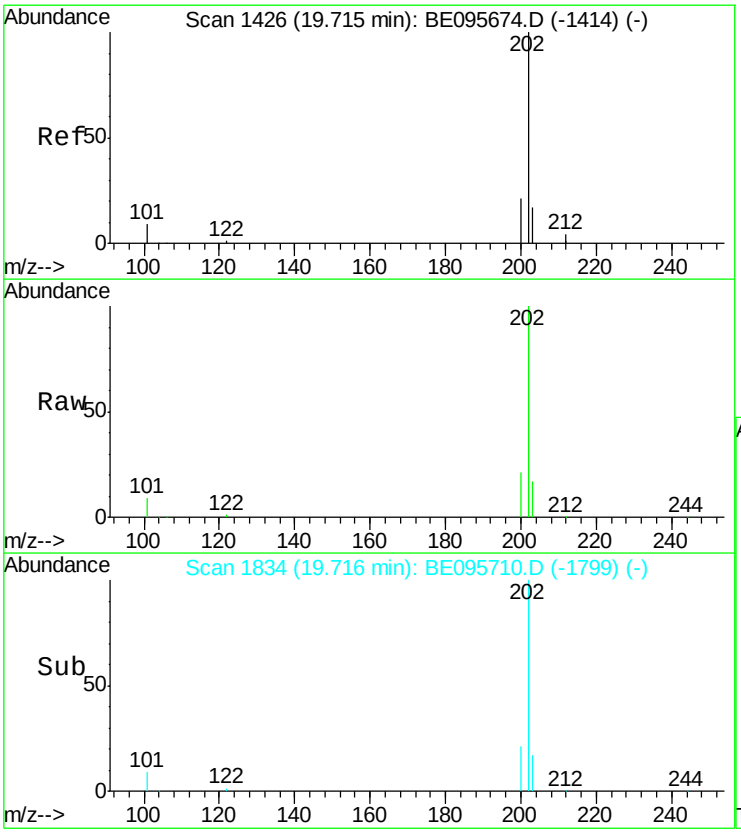
#25
Fluoranthene-d10
Concen: 0.005 ng
RT: 19.69 min Scan# 1829
Delta R.T. 0.00 min
Lab File: BE095710.D
Acq: 6 Mar 2018 22:46

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:212 Resp: 518

Ion	Ratio	Lower	Upper
212	100		
106	6.9	2.8	4.2#
104	4.1	1.6	2.4#

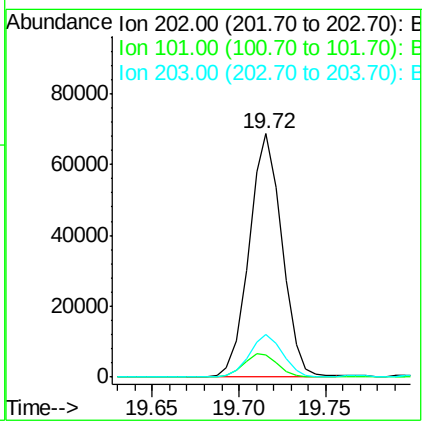


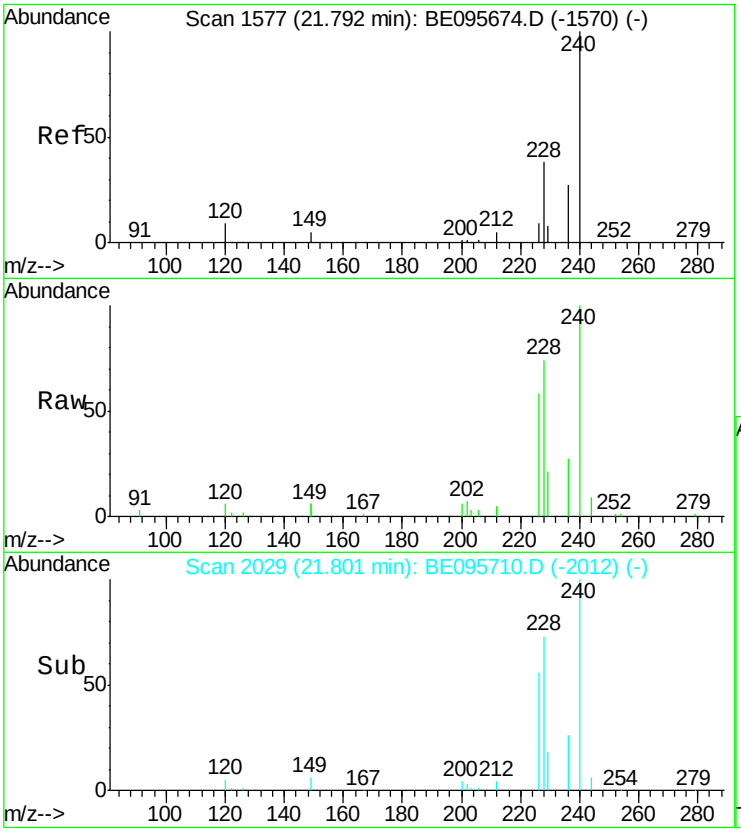


#26
Fluoranthene
Concen: 2.980 ng
RT: 19.72 min Scan# 1834
Delta R.T. 0.00 min
Lab File: BE095710.D
Acq: 6 Mar 2018 22:46

Tgt Ion:202 Resp: 90401

Ion	Ratio	Lower	Upper
202	100		
101	9.7	9.8	14.8#
203	17.4	13.7	20.5



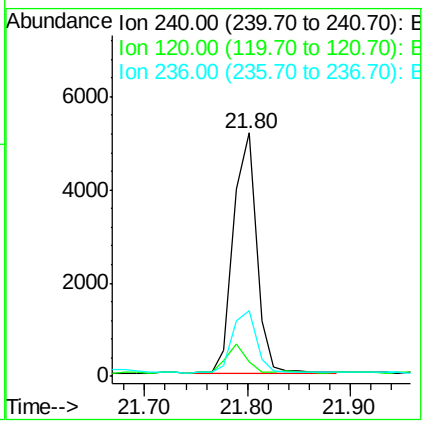


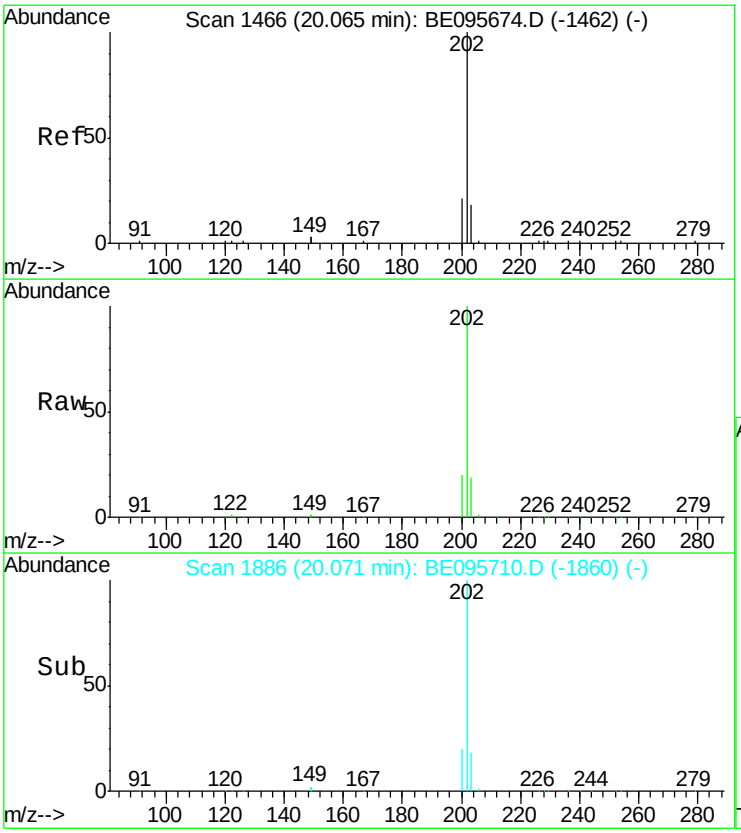
#27
Chrysene-d12
Concen: 0.400 ng
RT: 21.80 min Scan# 2029
Delta R.T. 0.01 min
Lab File: BE095710.D
Acq: 6 Mar 2018 22:46

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:240 Resp: 7968

Ion	Ratio	Lower	Upper
240	100		
120	6.0	5.5	8.3
236	27.2	20.7	31.1

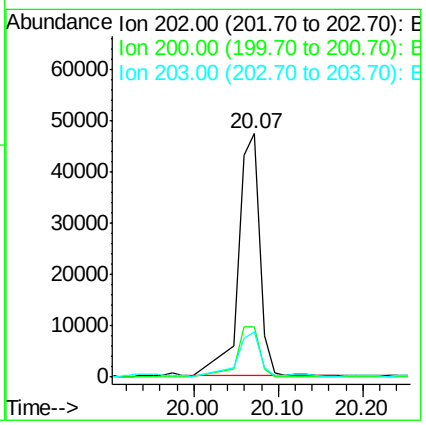


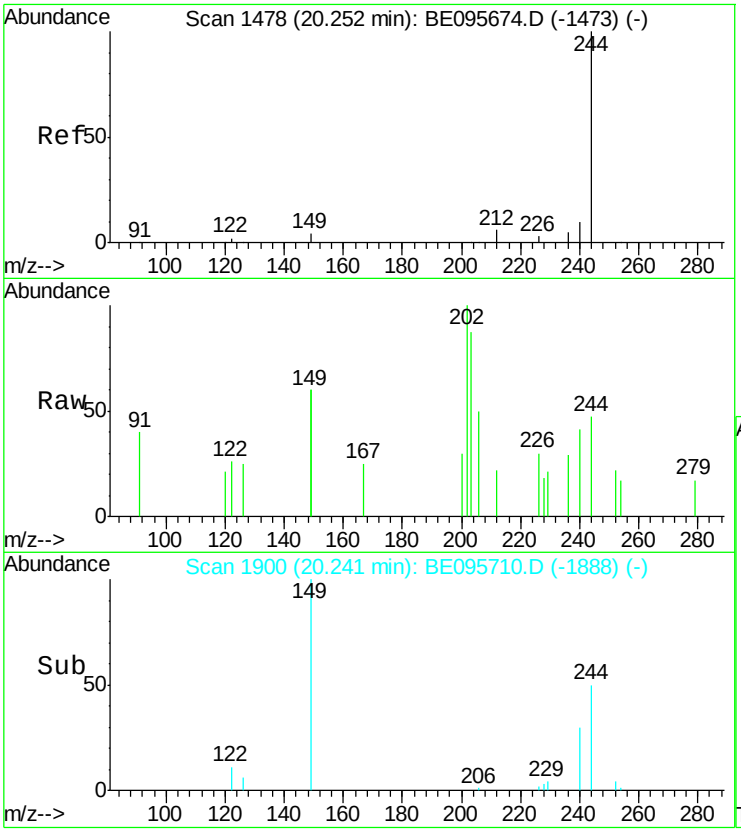


#28
Pyrene
Concen: 2.861 ng
RT: 20.07 min Scan# 1886
Delta R.T. 0.01 min
Lab File: BE095710.D
Acq: 6 Mar 2018 22:46

Tgt Ion:202 Resp: 93214

Ion	Ratio	Lower	Upper
202	100		
200	21.9	16.6	25.0
203	21.2	13.8	20.8#



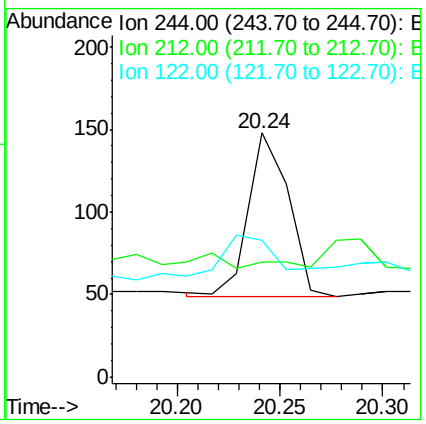


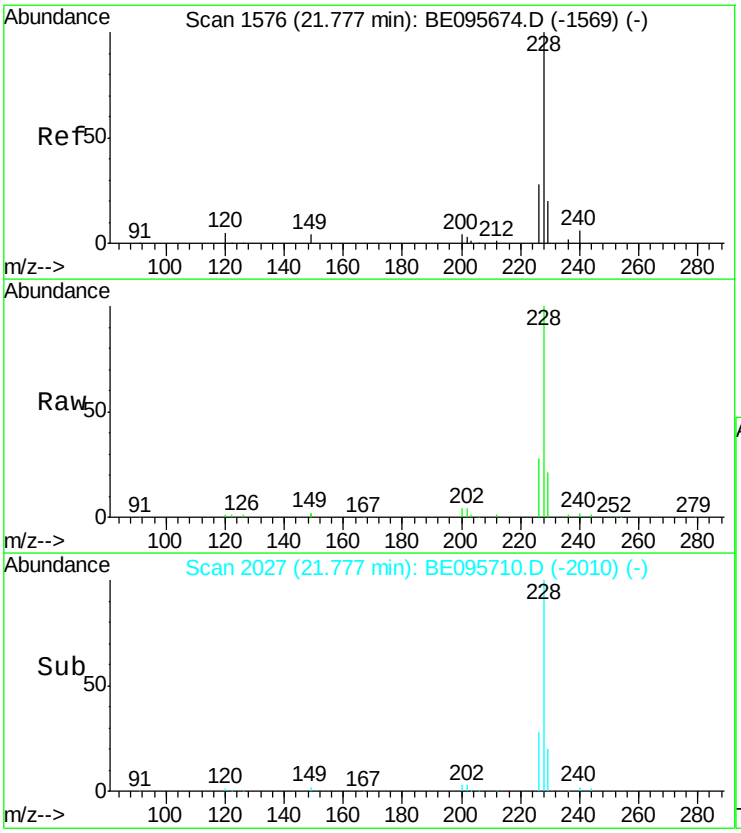
#29
Terphenyl-d14
Concen: 0.008 ng
RT: 20.24 min Scan# 1900
Delta R.T. -0.01 min
Lab File: BE095710.D
Acq: 6 Mar 2018 22:46

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:244 Resp: 135

Ion	Ratio	Lower	Upper
244	100		
212	47.3	25.4	38.0#
122	56.1	8.1	12.1#

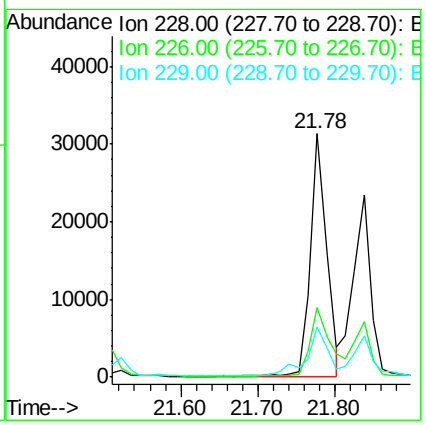


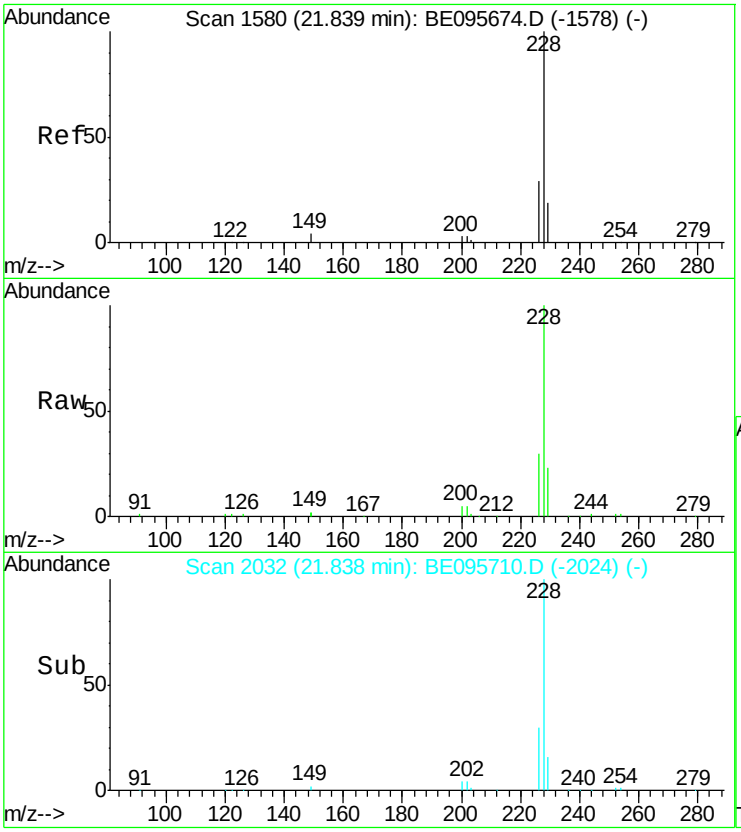


#30
Benzo(a)anthracene
Concen: 1.744 ng
RT: 21.78 min Scan# 2027
Delta R.T. 0.00 min
Lab File: BE095710.D
Acq: 6 Mar 2018 22:46

Tgt Ion:228 Resp: 45343

Ion	Ratio	Lower	Upper
228	100		
226	28.3	24.0	36.0
229	20.7	16.0	24.0



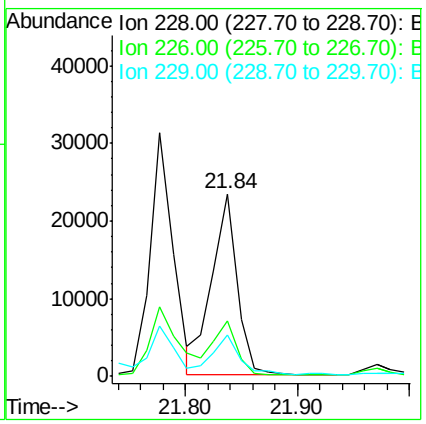


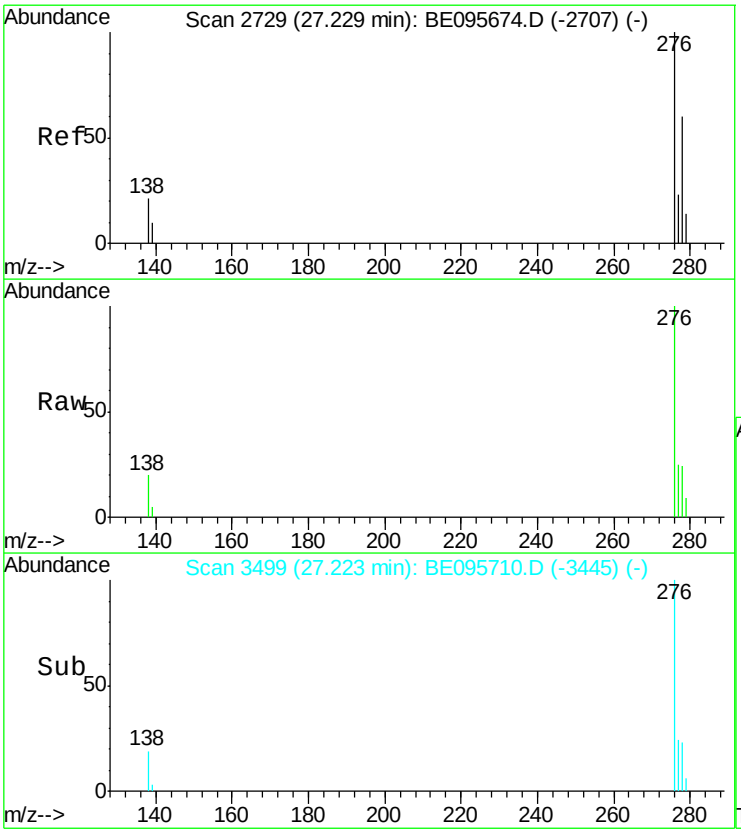
#31
Chrysene
Concen: 1.417 ng
RT: 21.84 min Scan# 2032
Delta R.T. -0.00 min
Lab File: BE095710.D
Acq: 6 Mar 2018 22:46

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:228 Resp: 36630

Ion	Ratio	Lower	Upper
228	100		
226	30.5	24.0	36.0
229	22.9	16.0	24.0

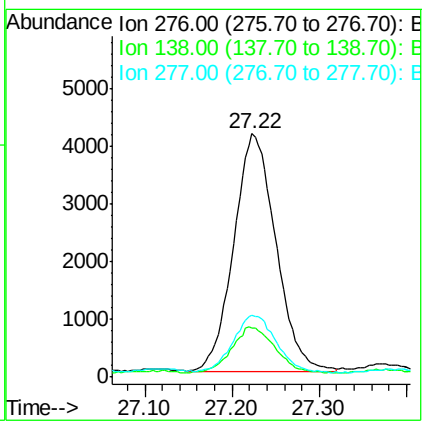


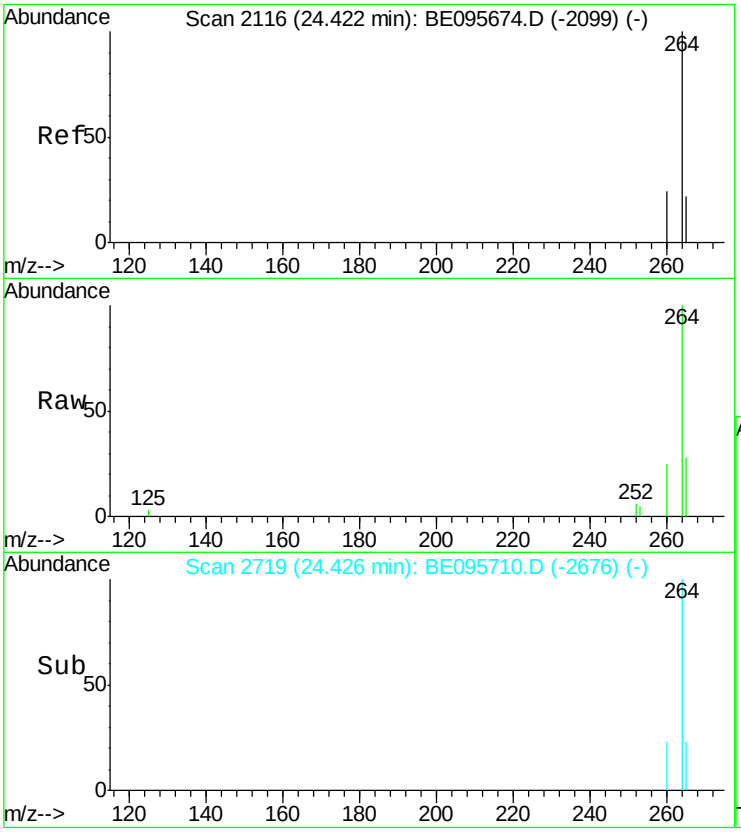


#33
Indeno(1,2,3-cd)pyrene
Concen: 0.550 ng
RT: 27.22 min Scan# 3499
Delta R.T. -0.01 min
Lab File: BE095710.D
Acq: 6 Mar 2018 22:46

Tgt Ion:276 Resp: 13788

Ion	Ratio	Lower	Upper
276	100		
138	19.3	22.5	33.7#
277	24.5	19.9	29.9



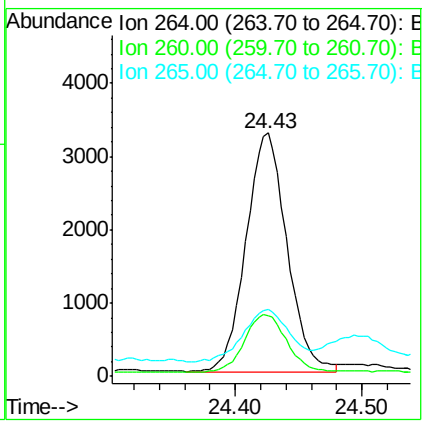


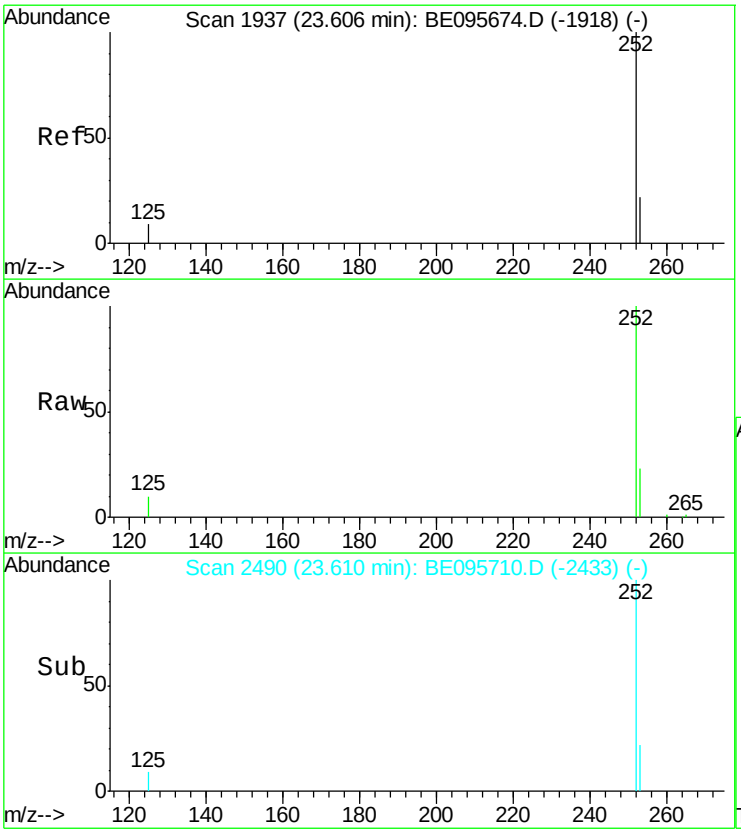
#34
Perylene-d12
Concen: 0.400 ng
RT: 24.43 min Scan# 2719
Delta R.T. 0.00 min
Lab File: BE095710.D
Acq: 6 Mar 2018 22:46

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:264 Resp: 7316

Ion	Ratio	Lower	Upper
264	100		
260	24.7	20.5	30.7
265	27.7	22.8	34.2

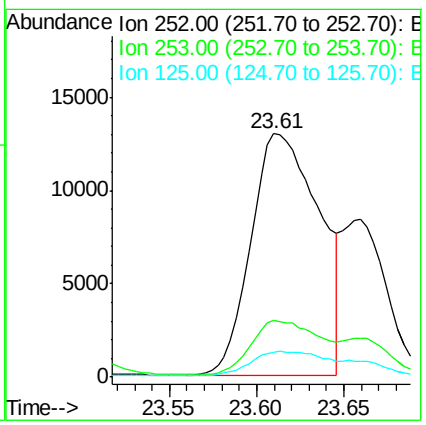


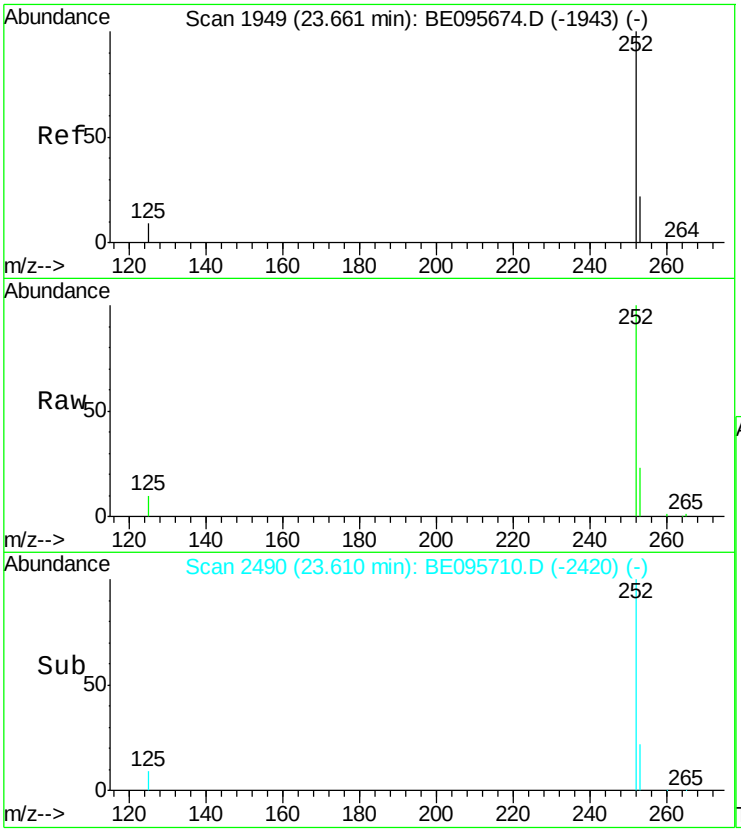


#35
Benzo(b)fluoranthene
Concen: 1.349 ng
RT: 23.61 min Scan# 2490
Delta R.T. 0.00 min
Lab File: BE095710.D
Acq: 6 Mar 2018 22:46

Tgt Ion:252 Resp: 35161

Ion	Ratio	Lower	Upper
252	100		
253	23.4	20.0	30.0
125	10.1	16.0	24.0#



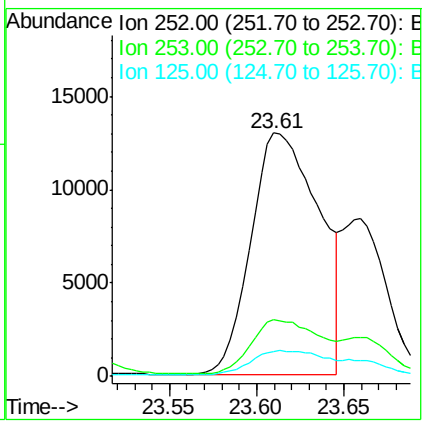


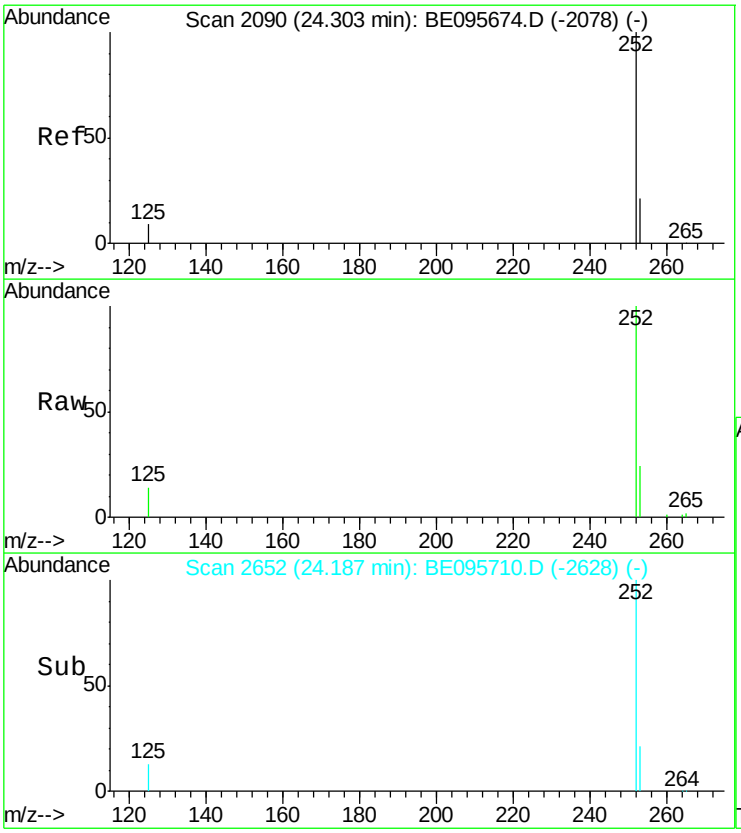
#36
Benzo(k)fluoranthene
Concen: 1.356 ng
RT: 23.61 min Scan# 2490
Delta R.T. -0.05 min
Lab File: BE095710.D
Acq: 6 Mar 2018 22:46

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:252 Resp: 35161

Ion	Ratio	Lower	Upper
252	100		
253	23.4	16.0	24.0
125	10.1	8.0	12.0

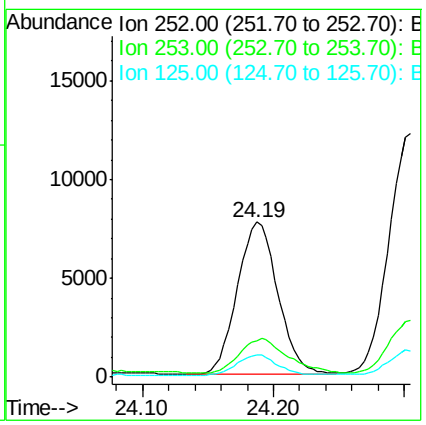


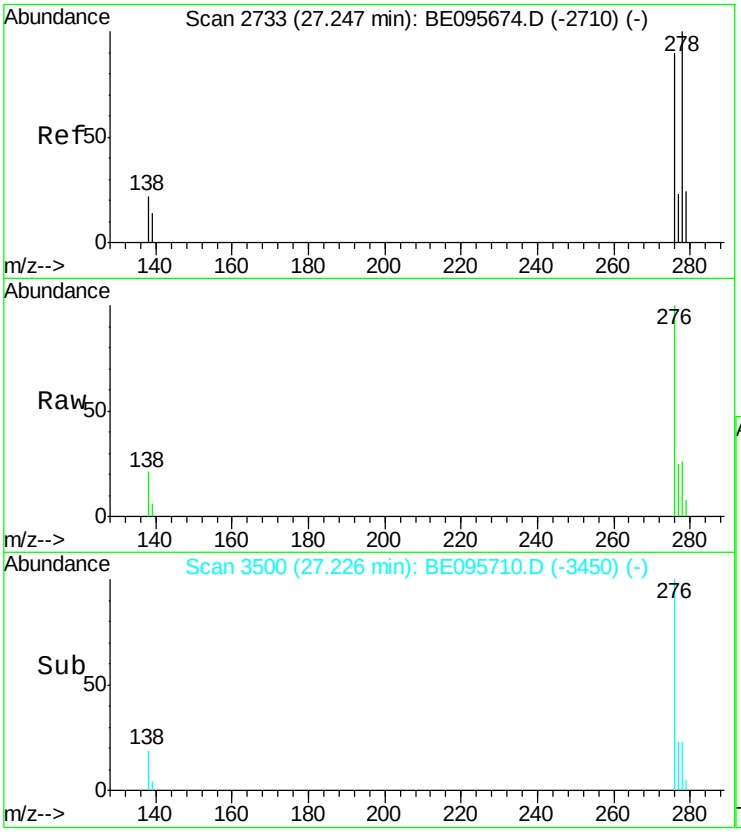


#37
Benzo(a)pyrene
Concen: 0.713 ng
RT: 24.19 min Scan# 2652
Delta R.T. -0.12 min
Lab File: BE095710.D
Acq: 6 Mar 2018 22:46

Tgt Ion:252 Resp: 16752

Ion	Ratio	Lower	Upper
252	100		
253	23.8	16.0	24.0
125	14.1	12.0	18.0



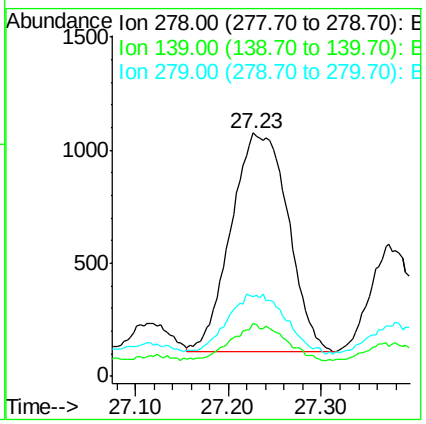


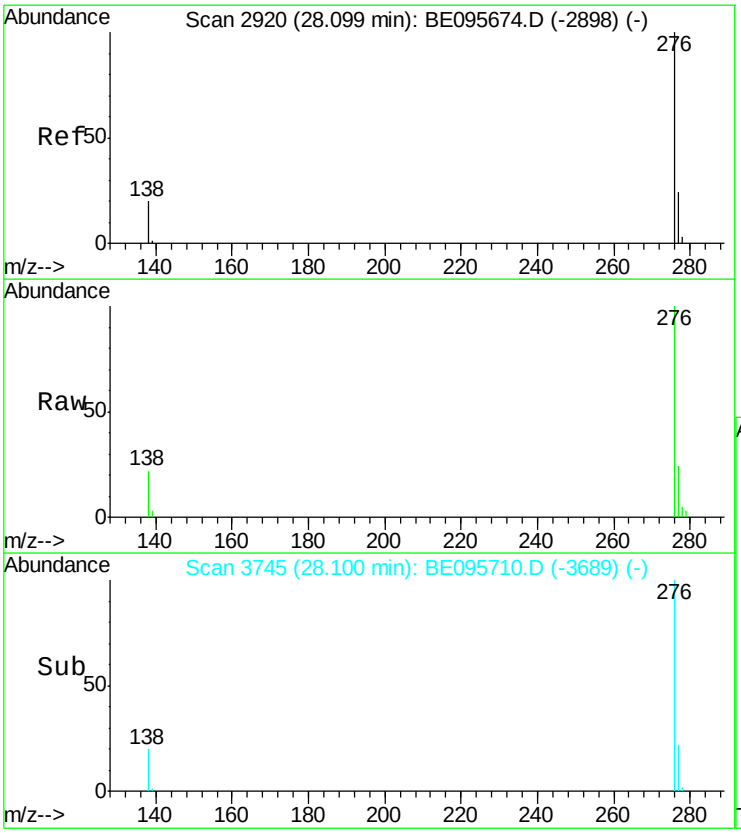
#38
Dibenzo(a,h)anthracene
Concen: 0.198 ng
RT: 27.23 min Scan# 3500
Delta R.T. -0.02 min
Lab File: BE095710.D
Acq: 6 Mar 2018 22:46

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:278 Resp: 4148

Ion	Ratio	Lower	Upper
278	100		
139	21.9	16.0	24.0
279	32.8	20.0	30.0#





#39
Benzo(g,h,i)perylene
Concen: 0.545 ng
RT: 28.10 min Scan# 3745
Delta R.T. 0.00 min
Lab File: BE095710.D
Acq: 6 Mar 2018 22:46

Tgt Ion:276 Resp: 12203

Ion	Ratio	Lower	Upper
276	100		
277	24.1	16.0	24.0#
138	21.8	20.0	30.0