Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA E\DATA\BE030618\
Data File : BE095709.D
Acq On : 6 Mar 2018 22:10
Operator : SJ/JU
Sample : J1811-05 20X
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument : BNA_E
ClientSampleId :

Quant Time: Mar 07 01:12:39 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	1454	0.40	ng		0.00
7) Naphthalene-d8	11.27	136	5795	0.40	ng		0.00
13) Acenaphthene-d10	15.00	164	3335	0.40	ng		0.00
19) Phenanthrene-d10	17.71	188	7734	0.40	ng		0.00
27) Chrysene-d12	21.80	240	7987	0.40	ng		0.01
34) Perylene-d12	24.43	264	7247	0.40	ng		0.00
System Monitoring Compounds							
4) 2-Fluorophenol	5.92	112	52	0.01	ng		0.00
5) Phenol-d6	7.57	99	79	0.01	ng		0.01
8) Nitrobenzene-d5	9.61	82	98	0.02	ng		0.00
11) 2-Methylnaphthalene-d10	12.81	152	144	0.01	ng		0.00
14) 2,4,6-Tribromophenol	16.47	330	19	0.13	ng		0.00
15) 2-Fluorobiphenyl	13.64	172	197	0.01	ng		0.00
25) Fluoranthene-d10	19.69	212	1146	0.01	ng		0.00
29) Terphenyl-d14	20.24	244	222	0.01	ng		0.00
Target Compounds							Qvalue
9) Naphthalene	11.31	128	1618	0.024	ng	#	88
12) 2-Methylnaphthalene	12.88	142	395	0.034	ng	#	93
16) Acenaphthylene	14.74	152	626	0.033	ng	#	93
17) Acenaphthene	15.07	154	736	0.063	ng	#	90
18) Fluorene	16.03	166	794	0.054	ng	#	74
22) Pentachlorophenol	17.40	266	3	0.180	ng		91
23) Phenanthrene	17.75	178	25893	1.071	ng		98
24) Anthracene	17.84	178	5013	0.226	ng		97
26) Fluoranthene	19.72	202	43018	1.446	ng	#	97
28) Pyrene	20.06	202	47989	1.469	ng		96
30) Benzo(a)anthracene	21.78	228	19877	0.763	ng		96
31) Chrysene	21.84	228	17558	0.678	ng		97
32) Bis(2-ethylhexyl)phthalate	21.66	149	964	0.021	ng	#	97
33) Indeno(1,2,3-cd)pyrene	27.23	276	8749	0.348	ng	#	90
35) Benzo(b)fluoranthene	23.61	252	20643	0.800	ng	#	89
36) Benzo(k)fluoranthene	23.61	252	20643	0.804	ng		94
37) Benzo(a)pyrene	24.30	252	14341	0.616	ng	#	92
38) Dibenzo(a,h)anthracene	27.23	278	2246	0.108	ng	#	86
39) Benzo(g,h,i)perylene	28.10	276	8874	0.400	ng	#	90

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

Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA E\DATA\BE030618\
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Acq On : 6 Mar 2018 22:10
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Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument :
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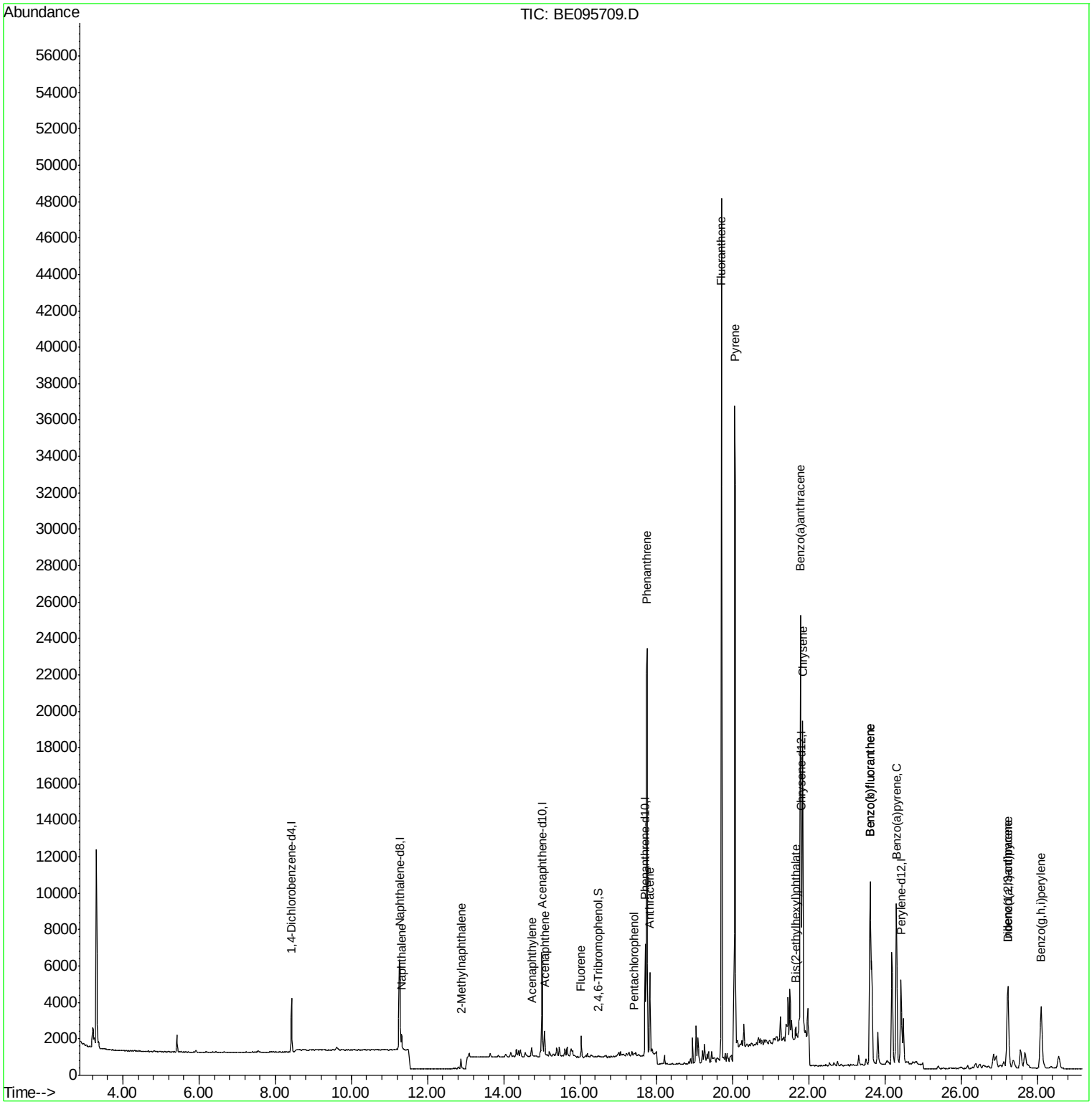
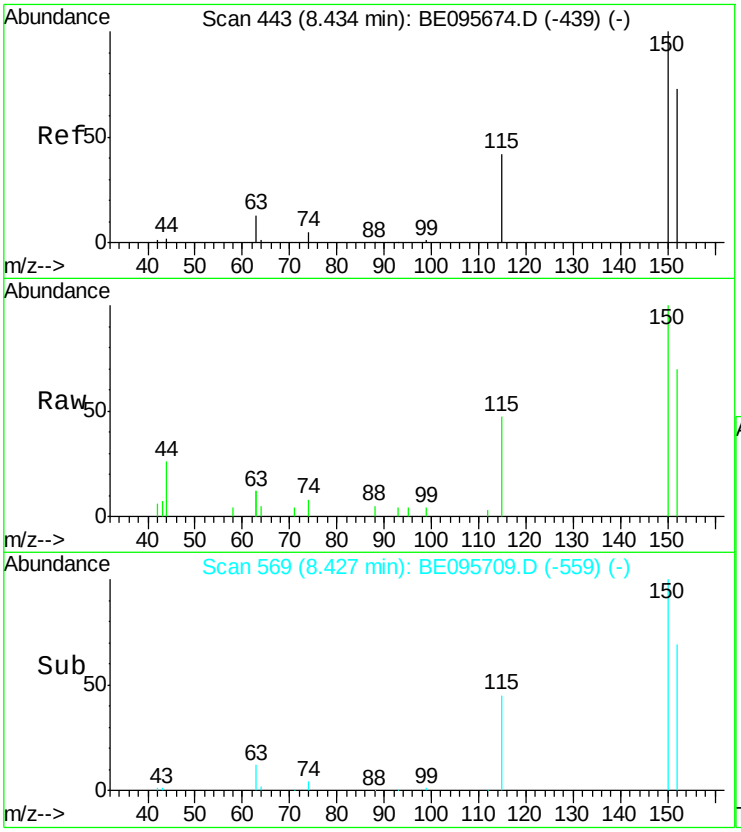
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Feb 23 12:12:42 2018
Response via : Initial Calibration

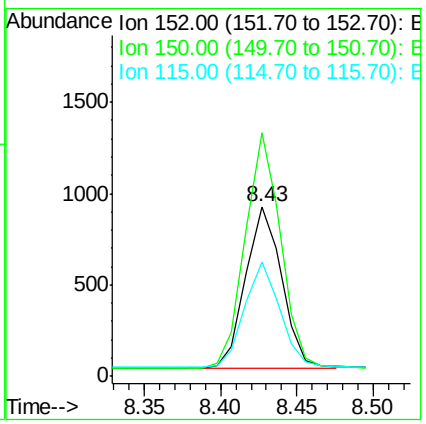




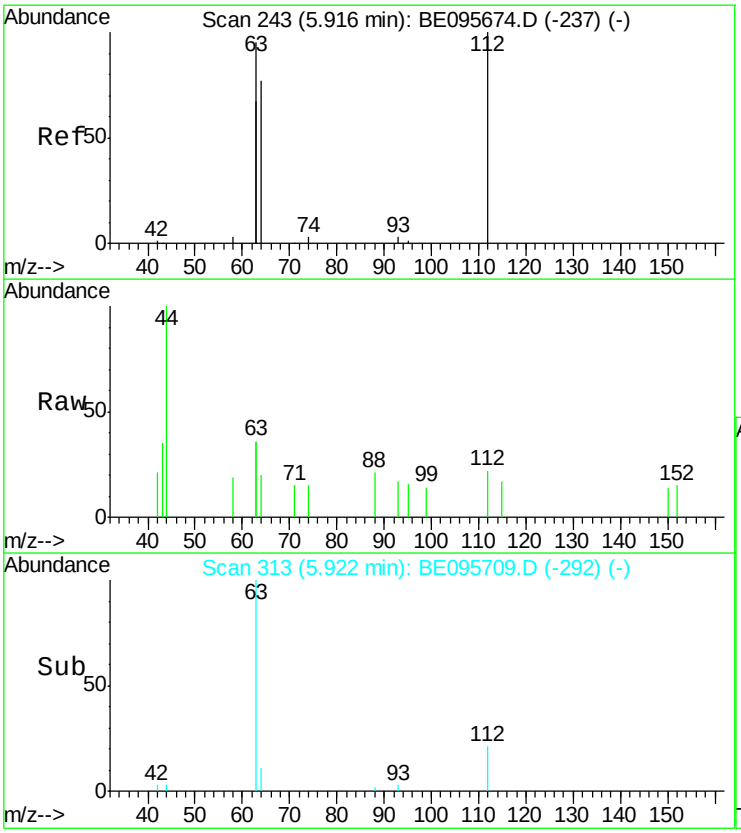
#1
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 8.43 min Scan# 569
Delta R.T. -0.01 min
Lab File: BE095709.D
Acq: 6 Mar 2018 22:10

Tgt Ion:152 Resp: 1454

Ion	Ratio	Lower	Upper
152	100		
150	143.2	117.2	175.8
115	67.5	57.0	85.6



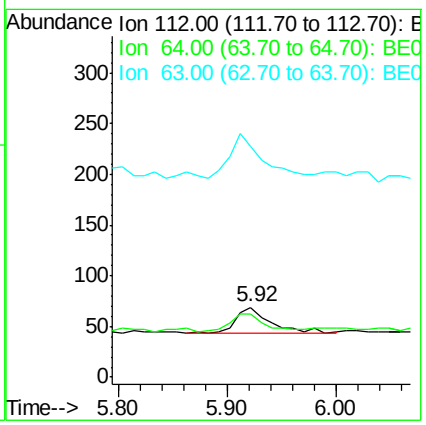
Instrument :
BNA_E
ClientSampleId :

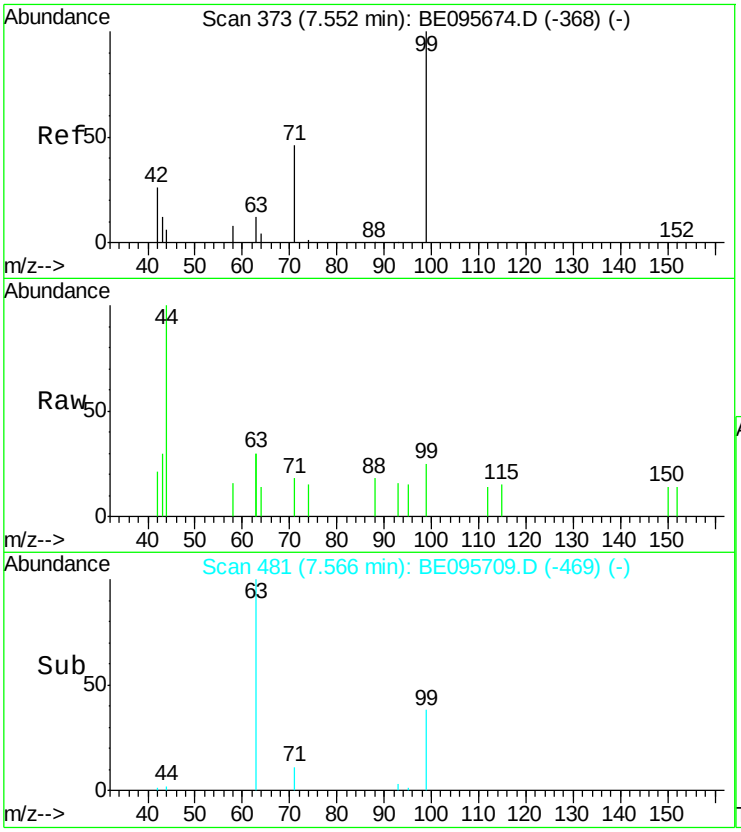


#4
2-Fluorophenol
Concen: 0.014 ng
RT: 5.92 min Scan# 313
Delta R.T. 0.01 min
Lab File: BE095709.D
Acq: 6 Mar 2018 22:10

Tgt Ion:112 Resp: 52

Ion	Ratio	Lower	Upper
112	100		
64	73.1	60.1	90.1
63	176.9	116.8	175.2#



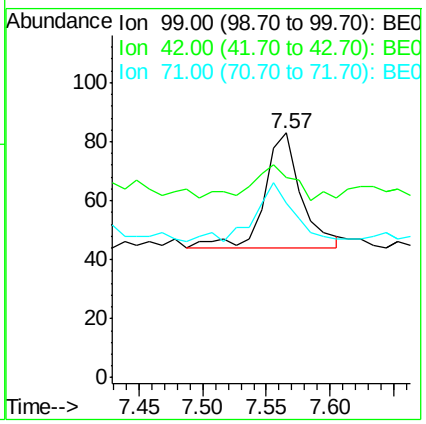


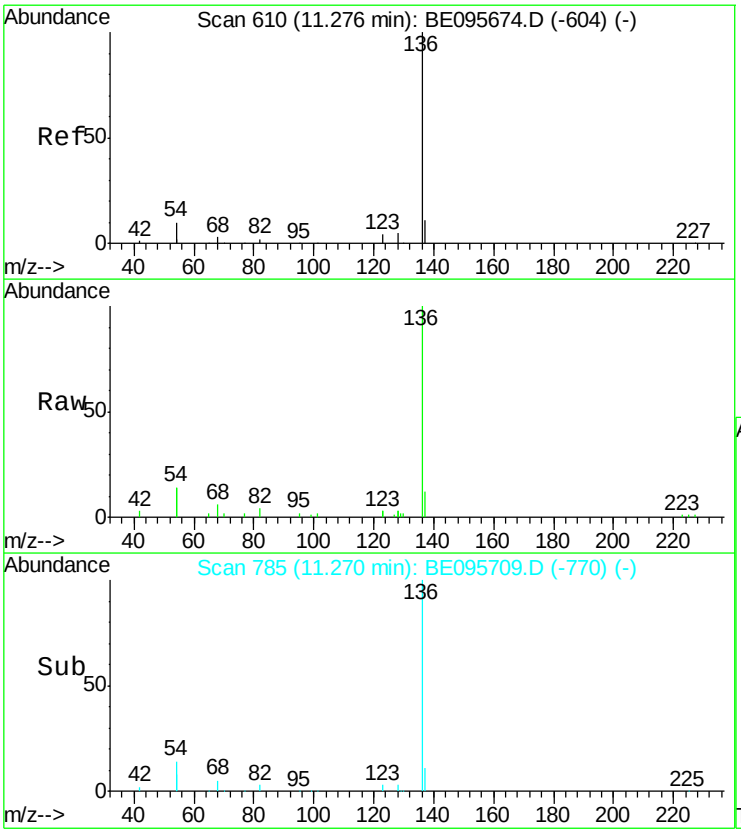
#5
Phenol-d6
Concen: 0.015 ng
RT: 7.57 min Scan# 481
Delta R.T. 0.01 min
Lab File: BE095709.D
Acq: 6 Mar 2018 22:10

Instrument :
BNA_E
ClientSampleId :

Tgt Ion: 99 Resp: 79

Ion	Ratio	Lower	Upper
99	100		
42	27.8	20.2	30.2
71	55.7	28.4	42.6#

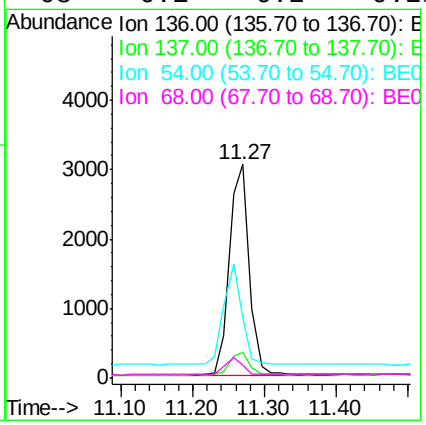


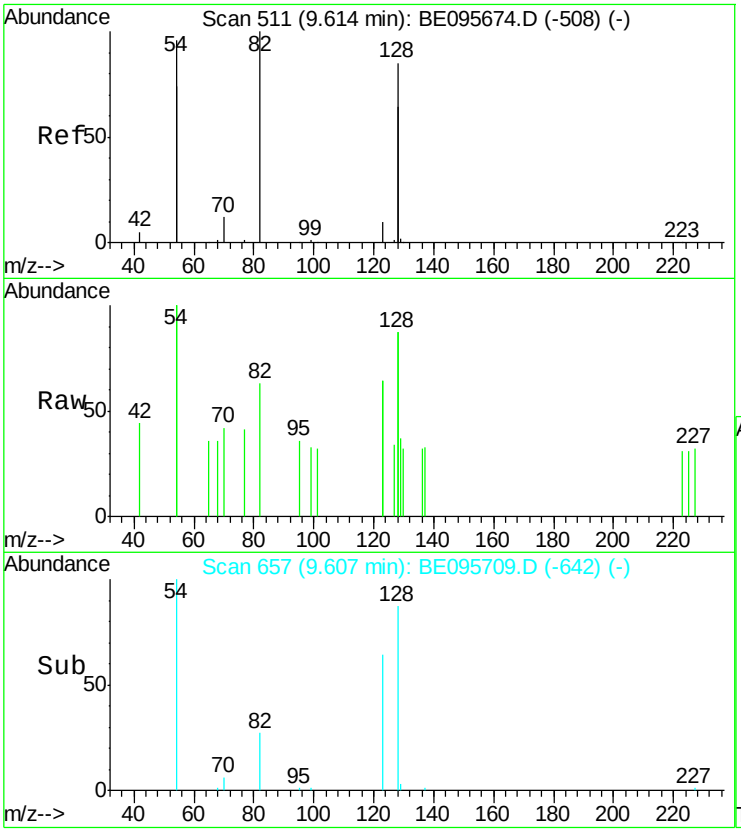


#7
Naphthalene-d8
Concen: 0.400 ng
RT: 11.27 min Scan# 785
Delta R.T. -0.01 min
Lab File: BE095709.D
Acq: 6 Mar 2018 22:10

Tgt Ion:136 Resp: 5795

Ion	Ratio	Lower	Upper
136	100		
137	12.1	9.5	14.3
54	28.0	29.1	43.7#
68	6.1	6.2	9.2#



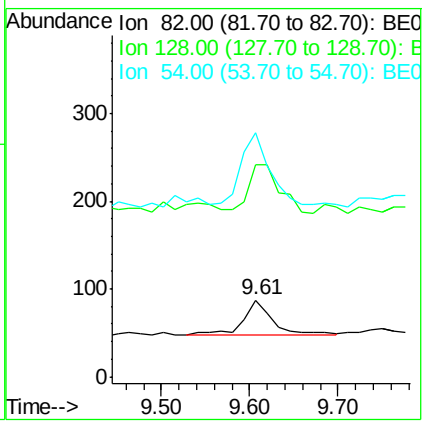


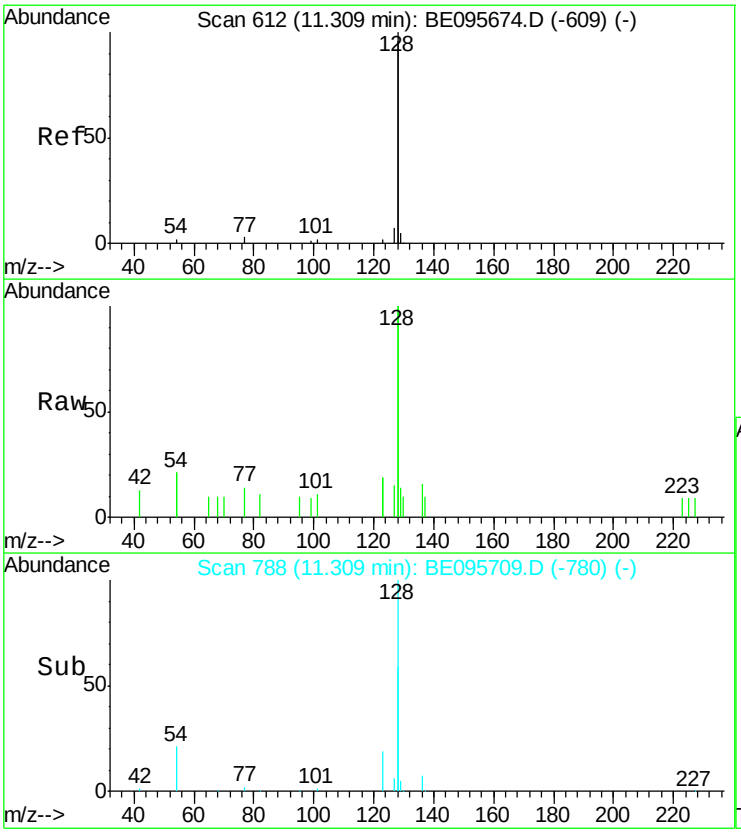
#8
Nitrobenzene-d5
Concen: 0.016 ng
RT: 9.61 min Scan# 657
Delta R.T. -0.01 min
Lab File: BE095709.D
Acq: 6 Mar 2018 22:10

Instrument :
BNA_E
ClientSampleId :

Tgt Ion: 82 Resp: 98

Ion	Ratio	Lower	Upper
82	100		
128	278.2	150.0	225.0#
54	319.5	154.2	231.4#

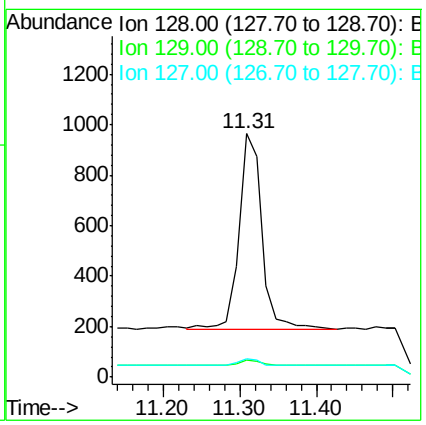


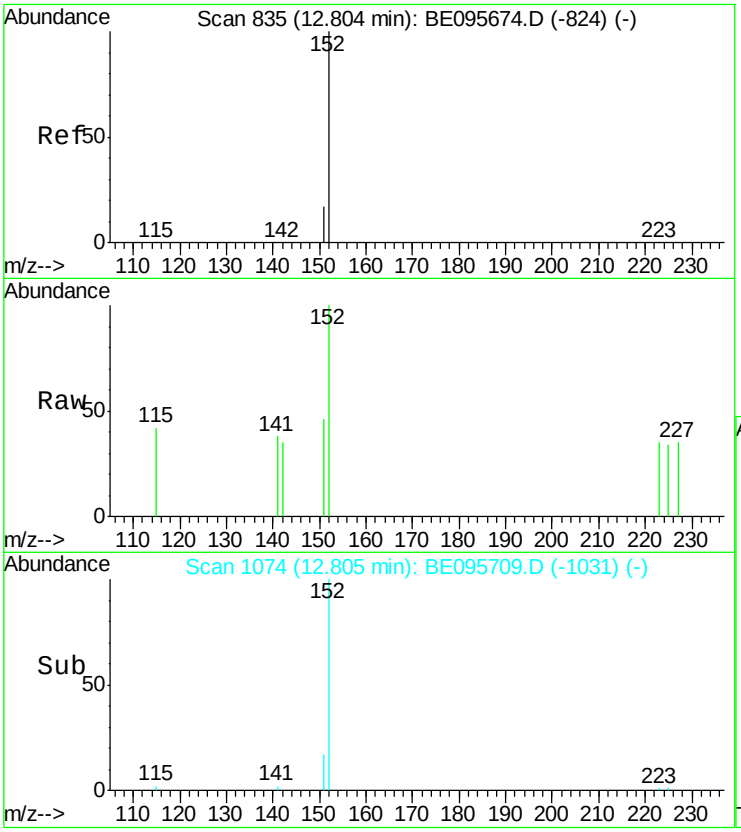


#9
Naphthalene
Concen: 0.024 ng
RT: 11.31 min Scan# 788
Delta R.T. -0.00 min
Lab File: BE095709.D
Acq: 6 Mar 2018 22:10

Tgt Ion:128 Resp: 1618

Ion	Ratio	Lower	Upper
128	100		
129	7.1	2.6	3.8#
127	7.6	2.8	4.2#



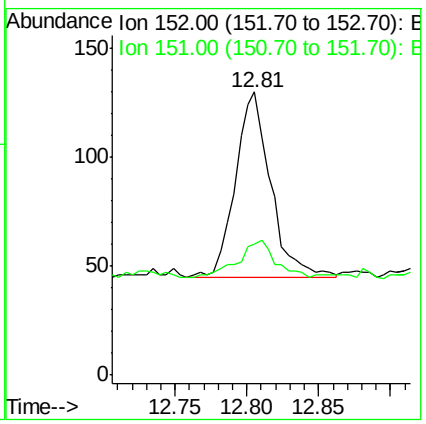


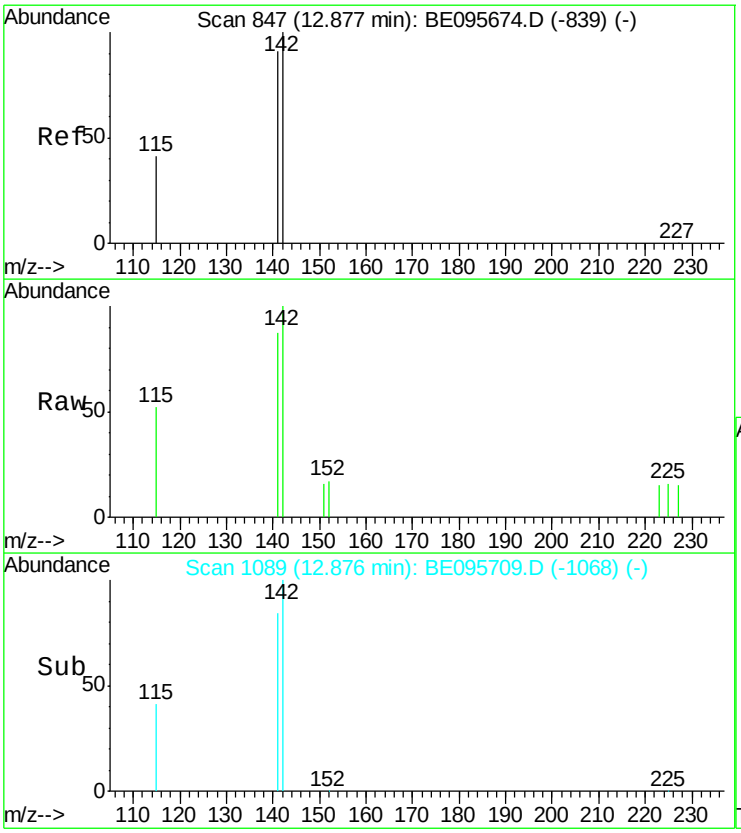
#11
2-Methylnaphthalene-d10
Concen: 0.015 ng
RT: 12.81 min Scan# 1074
Delta R.T. 0.00 min
Lab File: BE095709.D
Acq: 6 Mar 2018 22:10

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:152 Resp: 144

Ion	Ratio	Lower	Upper
152	100		
151	20.8	15.4	23.0

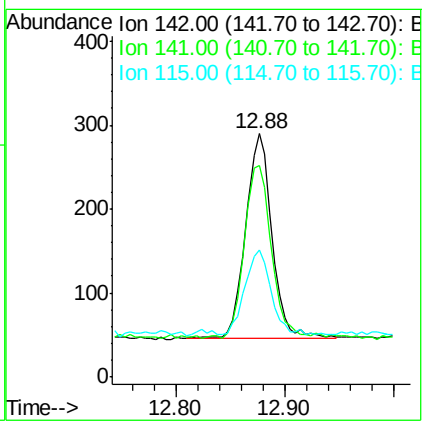


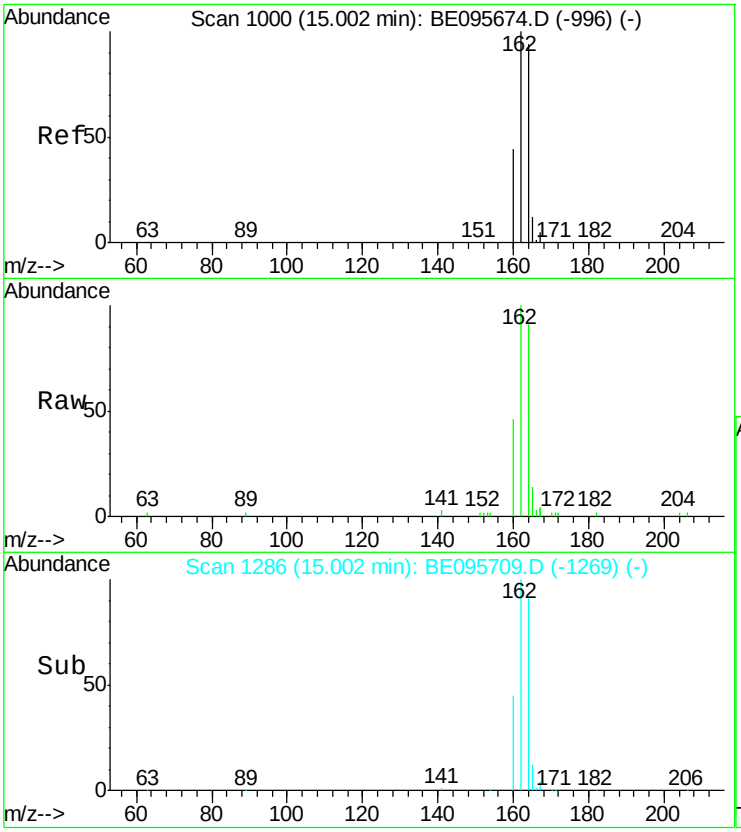


#12
2-Methylnaphthalene
Concen: 0.034 ng
RT: 12.88 min Scan# 1089
Delta R.T. -0.00 min
Lab File: BE095709.D
Acq: 6 Mar 2018 22:10

Tgt Ion:142 Resp: 395

Ion	Ratio	Lower	Upper
142	100		
141	86.9	70.4	105.6
115	52.4	31.7	47.5#



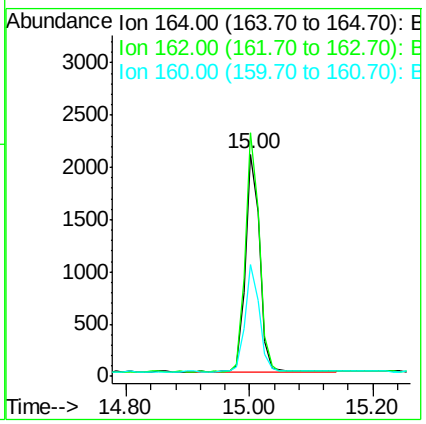


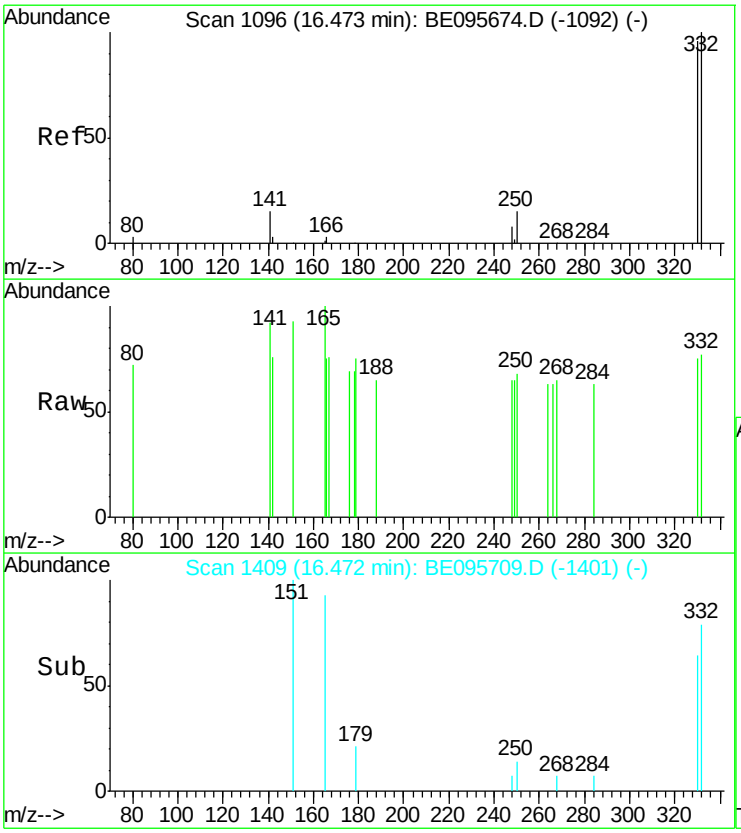
#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 15.00 min Scan# 1286
Delta R.T. -0.00 min
Lab File: BE095709.D
Acq: 6 Mar 2018 22:10

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:164 Resp: 3335

Ion	Ratio	Lower	Upper
164	100		
162	109.7	83.1	124.7
160	50.2	37.1	55.7

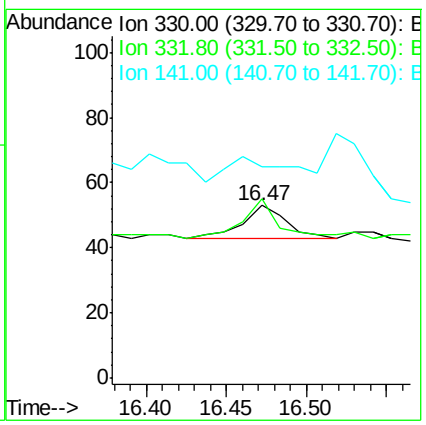


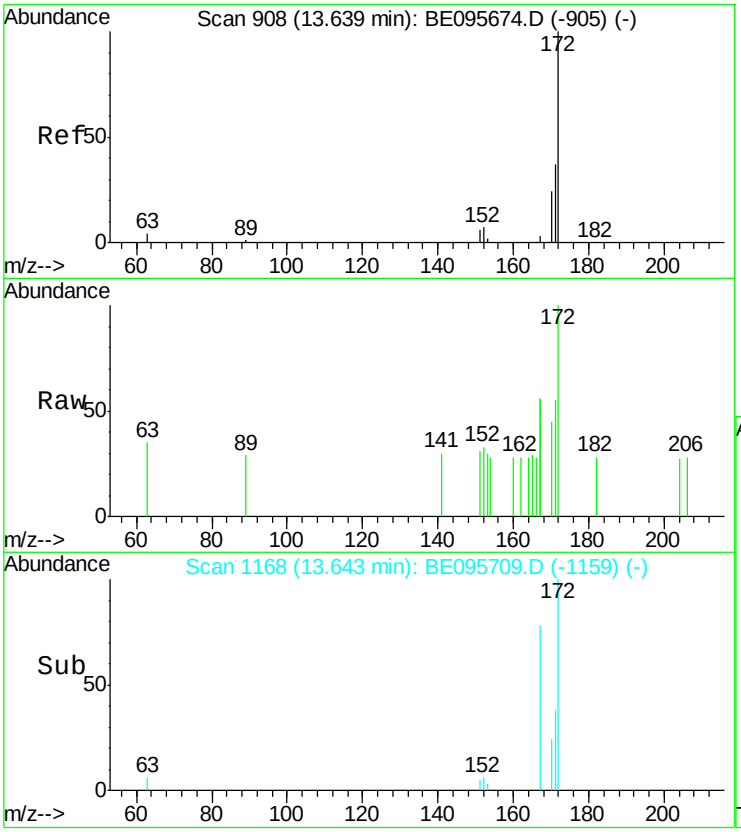


#14
2,4,6-Tribromophenol
Concen: 0.127 ng
RT: 16.47 min Scan# 1409
Delta R.T. -0.00 min
Lab File: BE095709.D
Acq: 6 Mar 2018 22:10

Tgt Ion:330 Resp: 19

Ion	Ratio	Lower	Upper
330	100		
332	100.0	152.7	229.1#
141	94.7	33.7	50.5#



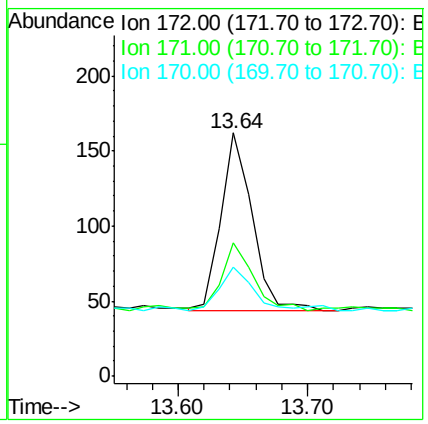


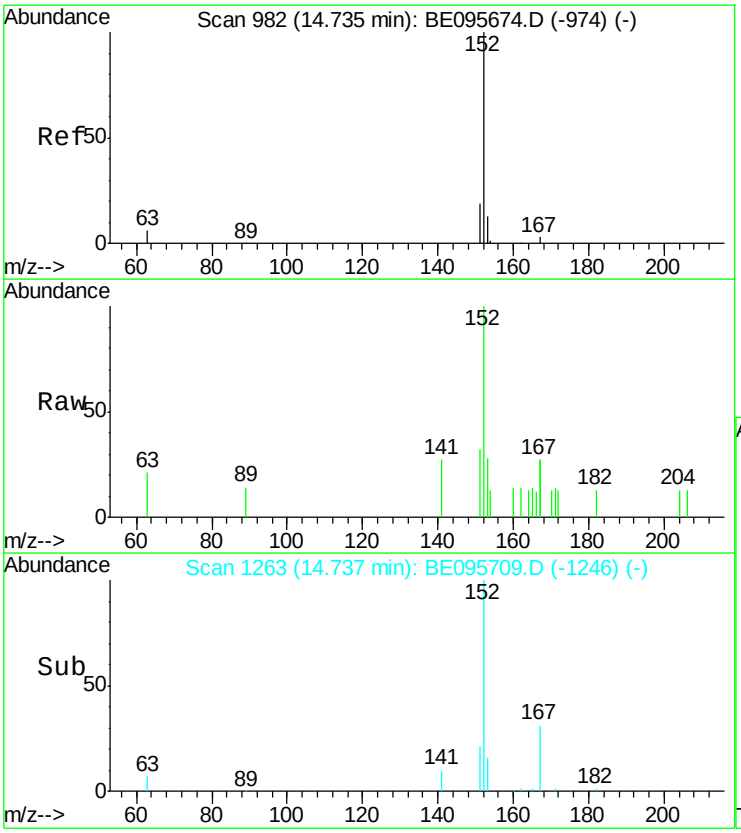
#15
2-Fluorobiphenyl
Concen: 0.013 ng
RT: 13.64 min Scan# 1168
Delta R.T. 0.00 min
Lab File: BE095709.D
Acq: 6 Mar 2018 22:10

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:172 Resp: 197

Ion	Ratio	Lower	Upper
172	100		
171	54.9	29.9	44.9#
170	45.1	21.8	32.8#

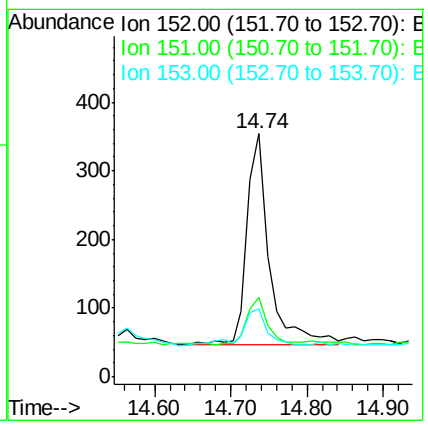


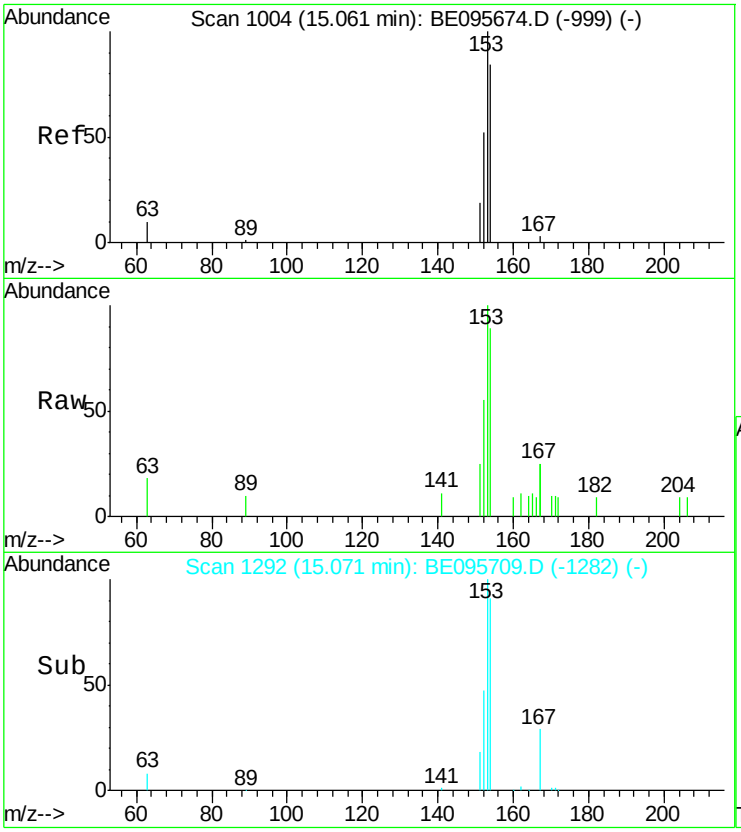


#16
Acenaphthylene
Concen: 0.033 ng
RT: 14.74 min Scan# 1263
Delta R.T. 0.00 min
Lab File: BE095709.D
Acq: 6 Mar 2018 22:10

Tgt Ion:152 Resp: 626

Ion	Ratio	Lower	Upper
152	100		
151	19.8	15.7	23.5
153	20.1	10.5	15.7#



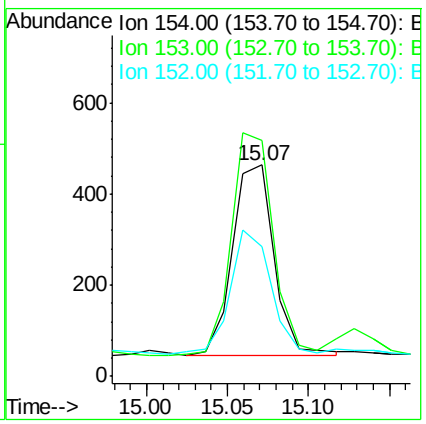


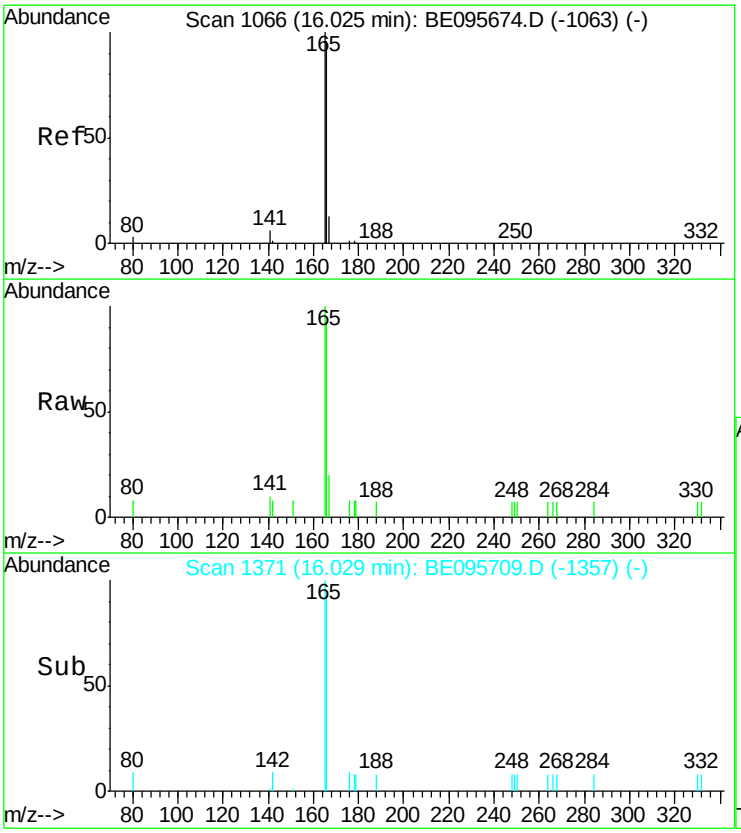
#17
Acenaphthene
Concen: 0.063 ng
RT: 15.07 min Scan# 1292
Delta R.T. 0.01 min
Lab File: BE095709.D
Acq: 6 Mar 2018 22:10

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:154 Resp: 736

Ion	Ratio	Lower	Upper
154	100		
153	117.7	89.2	133.8
152	64.8	42.0	63.0#

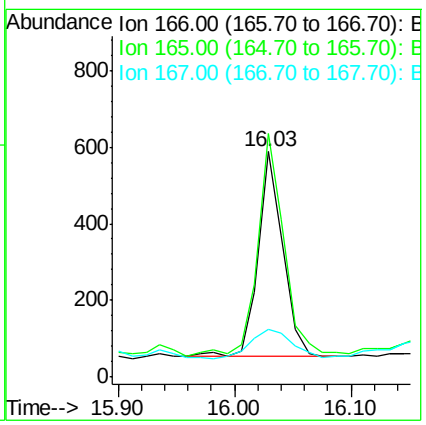


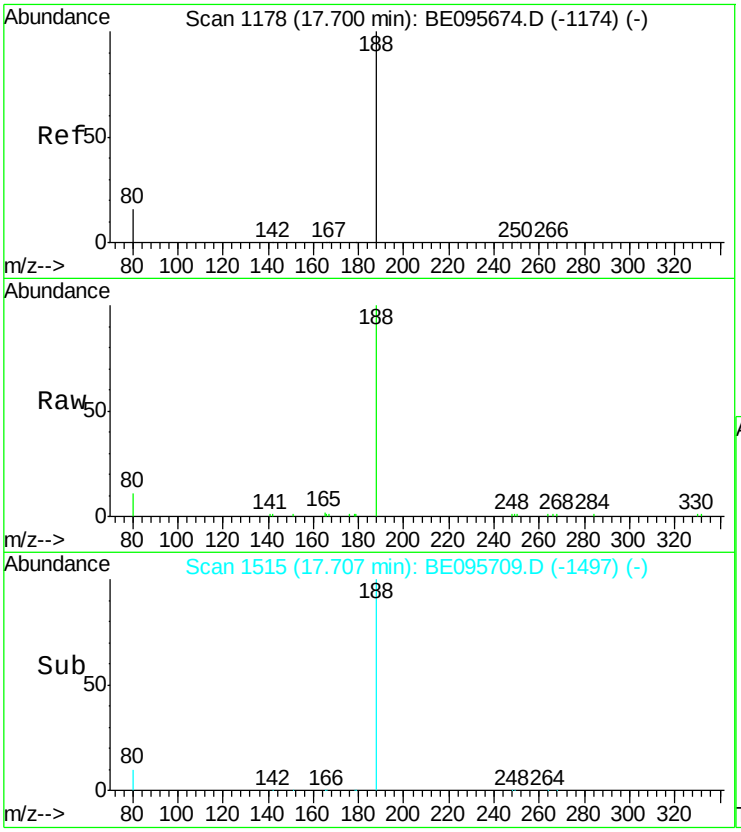


#18
Fluorene
Concen: 0.054 ng
RT: 16.03 min Scan# 1371
Delta R.T. 0.00 min
Lab File: BE095709.D
Acq: 6 Mar 2018 22:10

Tgt Ion:166 Resp: 794

Ion	Ratio	Lower	Upper
166	100		
165	115.4	77.8	116.6
167	25.3	42.4	63.6#



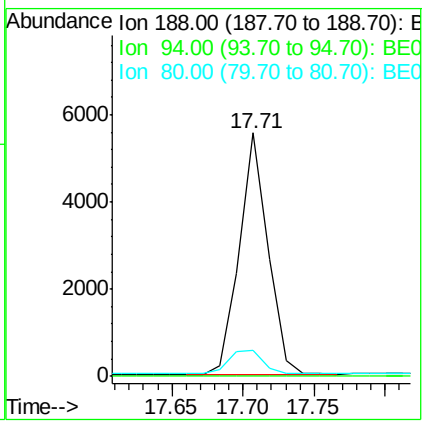


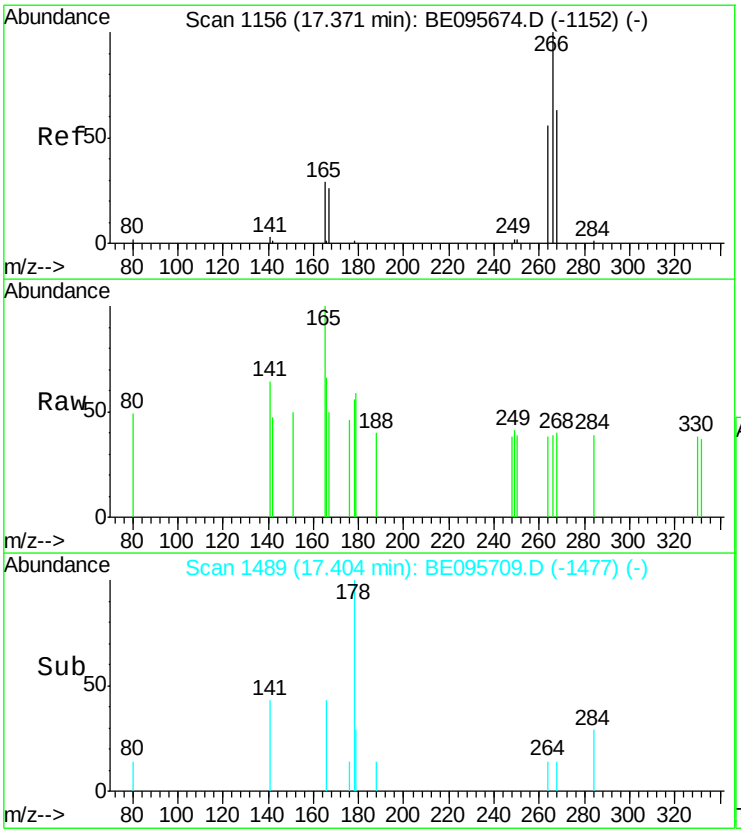
#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.71 min Scan# 1515
Delta R.T. 0.01 min
Lab File: BE095709.D
Acq: 6 Mar 2018 22:10

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:188 Resp: 7734

Ion	Ratio	Lower	Upper
188	100		
94	0.0	3.9	5.9#
80	10.8	3.6	5.4#

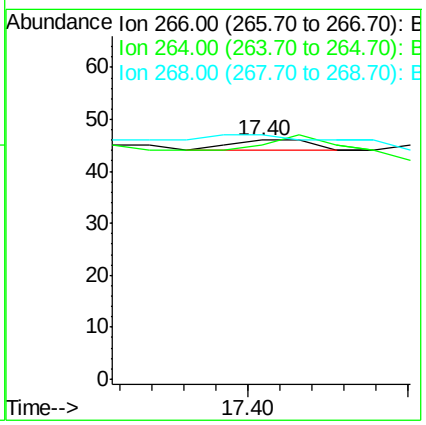


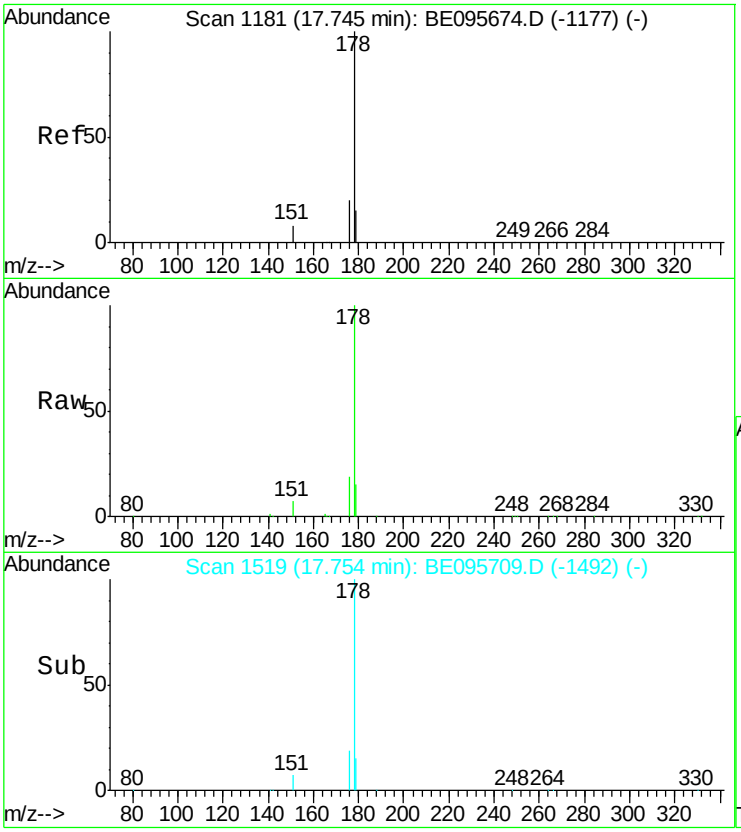


#22
Pentachlorophenol
Concen: 0.180 ng
RT: 17.40 min Scan# 1489
Delta R.T. 0.03 min
Lab File: BE095709.D
Acq: 6 Mar 2018 22:10

Tgt Ion:266 Resp: 3

Ion	Ratio	Lower	Upper
266	100		
264	97.8	72.5	108.7
268	102.2	73.8	110.6



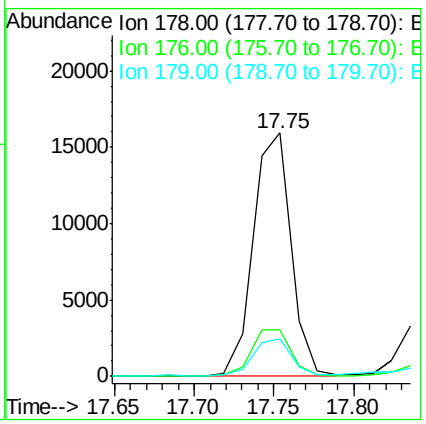


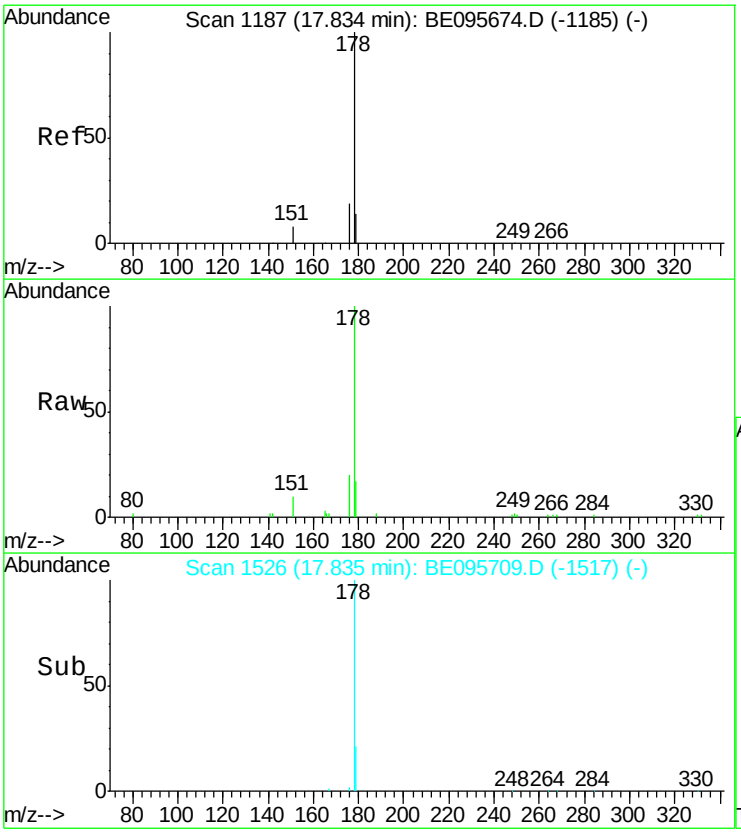
#23
Phenanthrene
Concen: 1.071 ng
RT: 17.75 min Scan# 1519
Delta R.T. 0.01 min
Lab File: BE095709.D
Acq: 6 Mar 2018 22:10

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:178 Resp: 25893

Ion	Ratio	Lower	Upper
178	100		
176	19.8	15.1	22.7
179	15.2	11.8	17.6

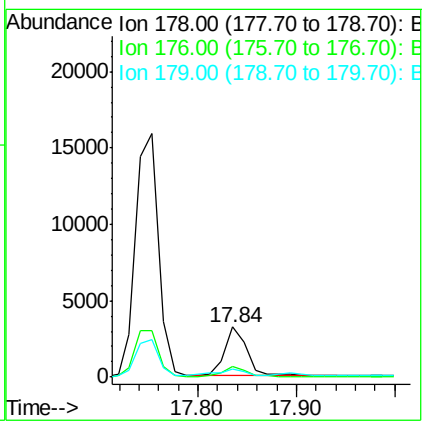


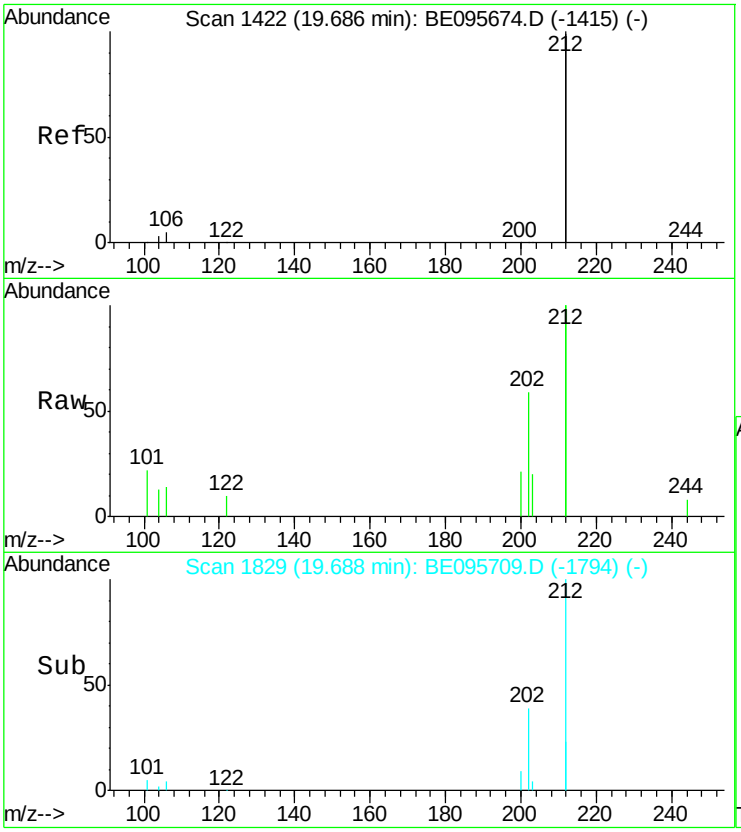


#24
Anthracene
Concen: 0.226 ng
RT: 17.84 min Scan# 1526
Delta R.T. 0.00 min
Lab File: BE095709.D
Acq: 6 Mar 2018 22:10

Tgt Ion:178 Resp: 5013

Ion	Ratio	Lower	Upper
178	100		
176	18.2	12.8	19.2
179	16.1	13.0	19.6



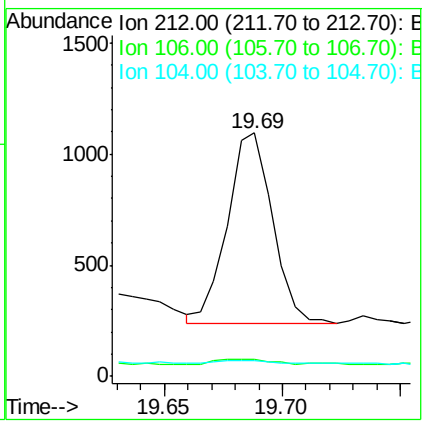


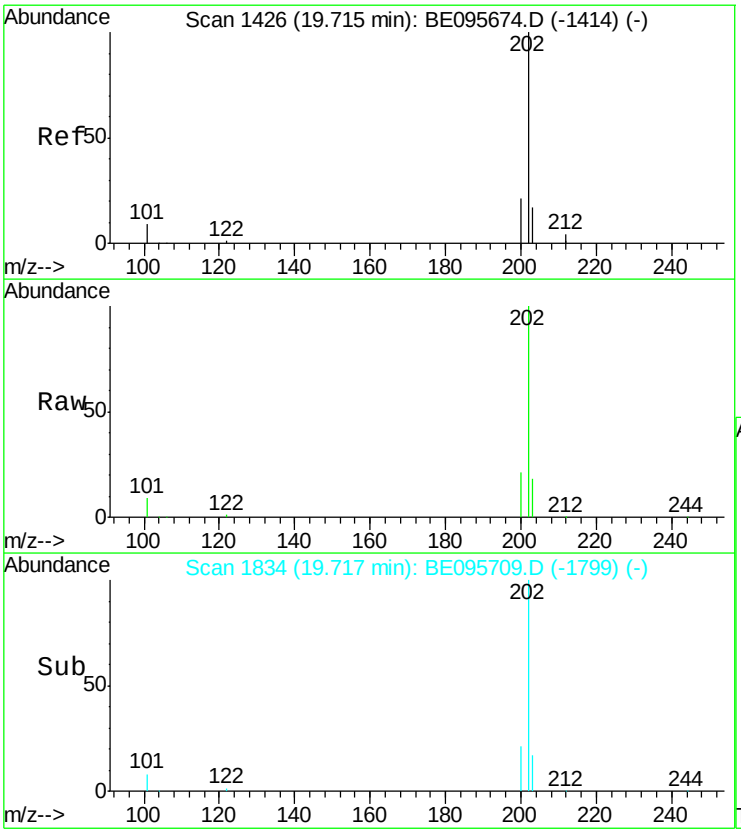
#25
Fluoranthene-d10
Concen: 0.011 ng
RT: 19.69 min Scan# 1829
Delta R.T. 0.00 min
Lab File: BE095709.D
Acq: 6 Mar 2018 22:10

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:212 Resp: 1146

Ion	Ratio	Lower	Upper
212	100		
106	4.1	2.8	4.2
104	2.1	1.6	2.4

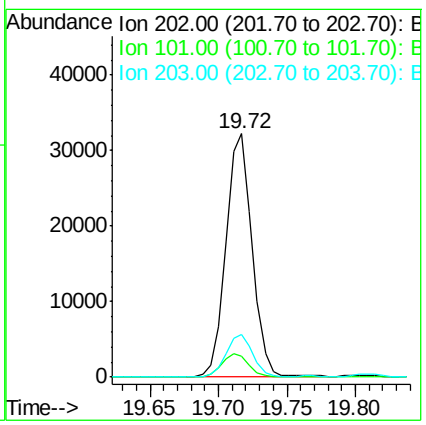


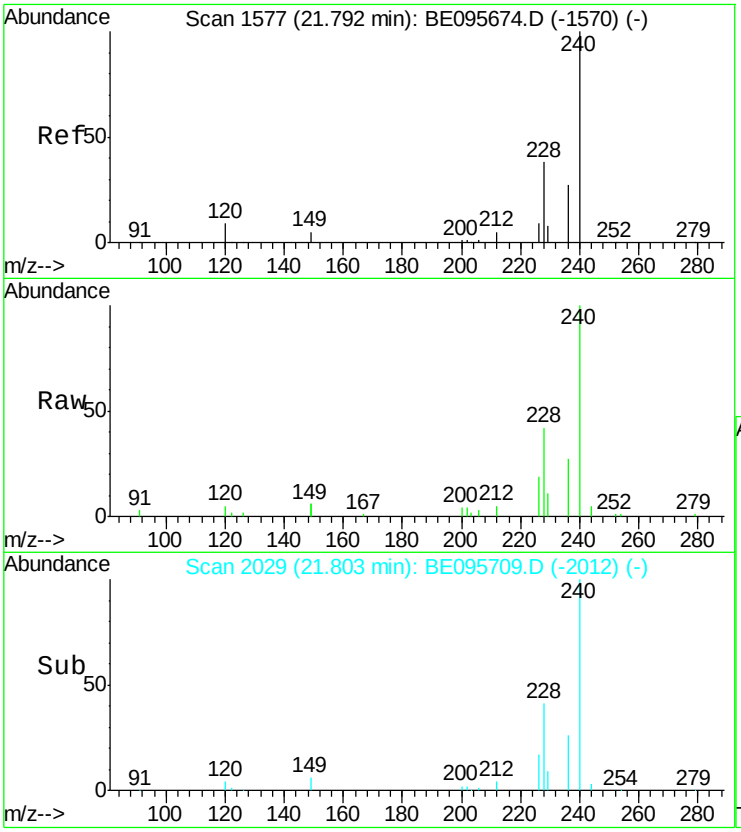


#26
Fluoranthene
Concen: 1.446 ng
RT: 19.72 min Scan# 1834
Delta R.T. 0.00 min
Lab File: BE095709.D
Acq: 6 Mar 2018 22:10

Tgt Ion:202 Resp: 43018

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



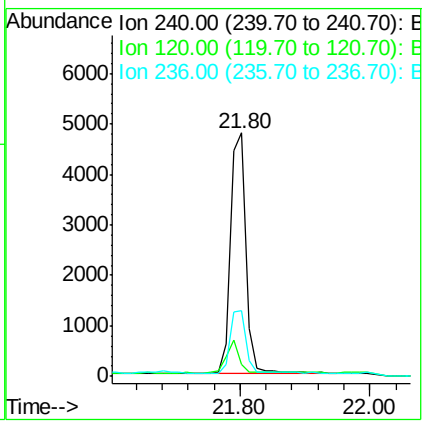


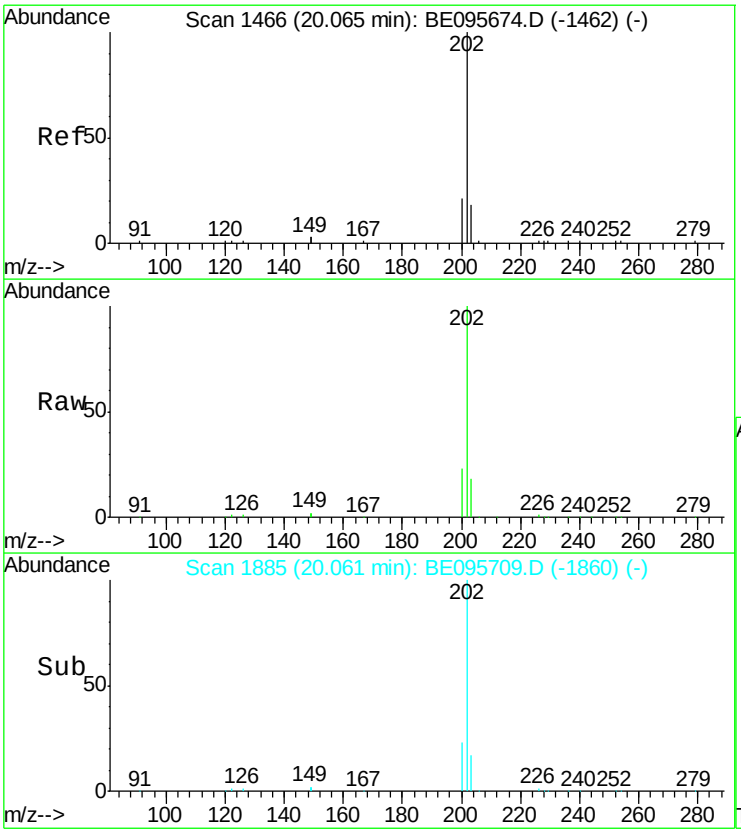
#27
Chrysene-d12
Concen: 0.400 ng
RT: 21.80 min Scan# 2029
Delta R.T. 0.01 min
Lab File: BE095709.D
Acq: 6 Mar 2018 22:10

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:240 Resp: 7987

Ion	Ratio	Lower	Upper
240	100		
120	5.1	5.5	8.3#
236	26.8	20.7	31.1

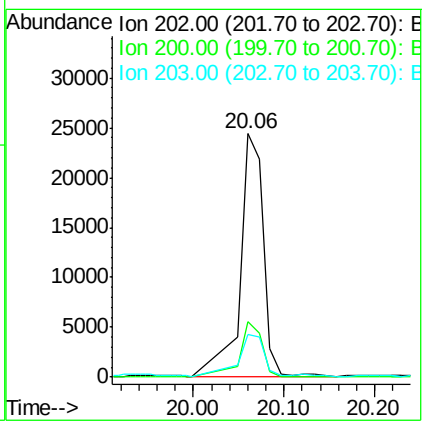


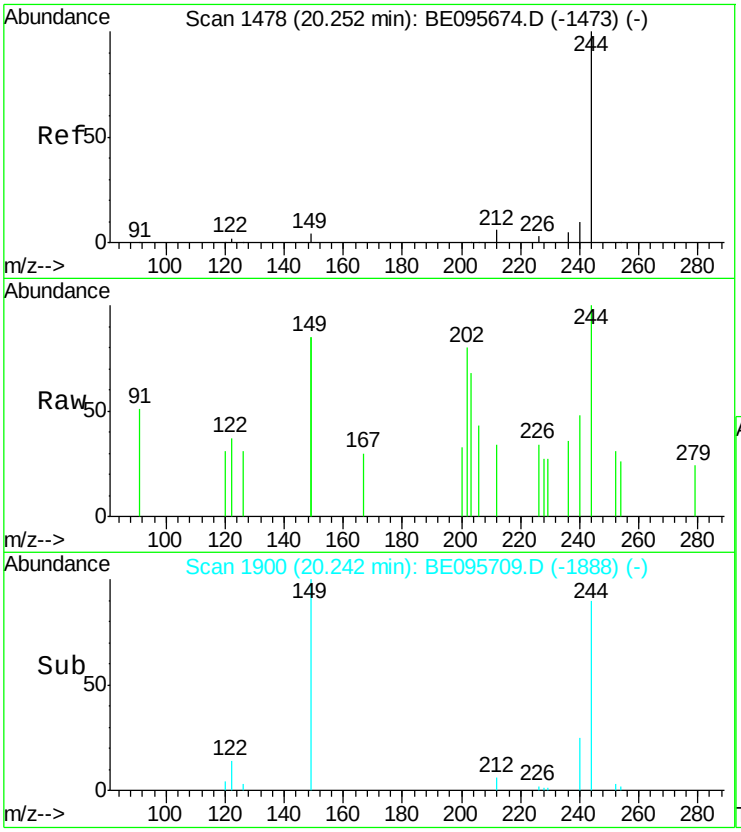


#28
Pyrene
Concen: 1.469 ng
RT: 20.06 min Scan# 1885
Delta R.T. -0.00 min
Lab File: BE095709.D
Acq: 6 Mar 2018 22:10

Tgt Ion:202 Resp: 47989

Ion	Ratio	Lower	Upper
202	100		
200	21.5	16.6	25.0
203	20.5	13.8	20.8



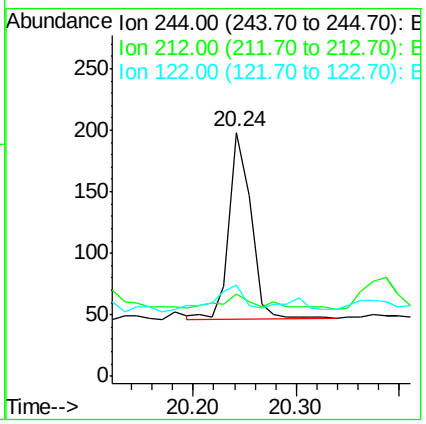


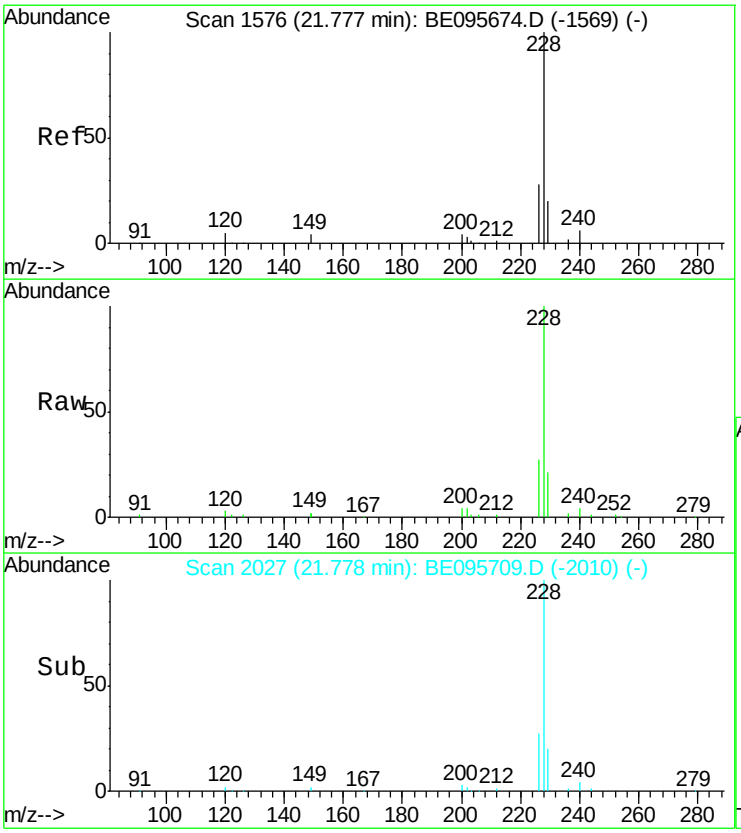
#29
Terphenyl-d14
Concen: 0.014 ng
RT: 20.24 min Scan# 1900
Delta R.T. -0.01 min
Lab File: BE095709.D
Acq: 6 Mar 2018 22:10

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:244 Resp: 222

Ion	Ratio	Lower	Upper
244	100		
212	33.8	25.4	38.0
122	37.4	8.1	12.1#

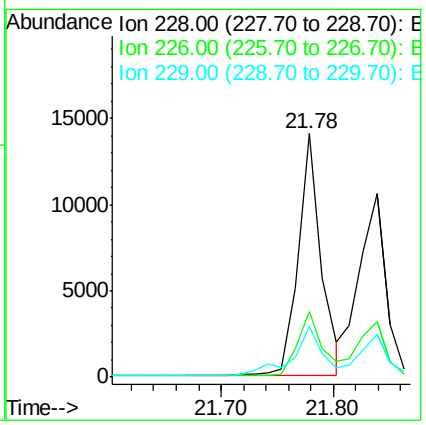


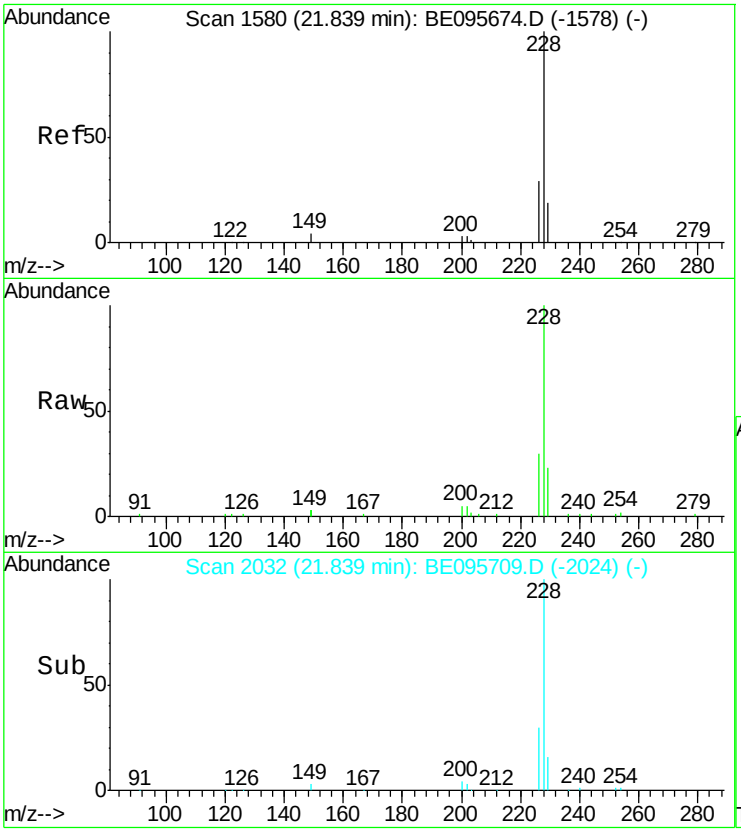


#30
Benzo(a)anthracene
Concen: 0.763 ng
RT: 21.78 min Scan# 2027
Delta R.T. 0.00 min
Lab File: BE095709.D
Acq: 6 Mar 2018 22:10

Tgt Ion:228 Resp: 19877

Ion	Ratio	Lower	Upper
228	100		
226	27.2	24.0	36.0
229	20.7	16.0	24.0



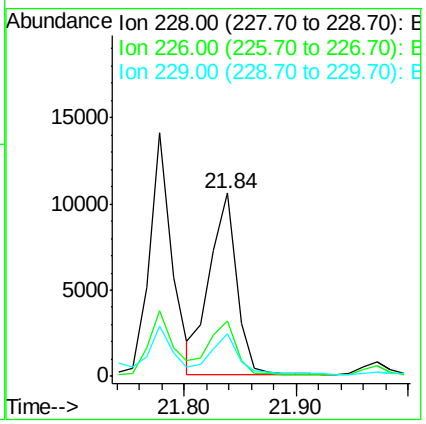


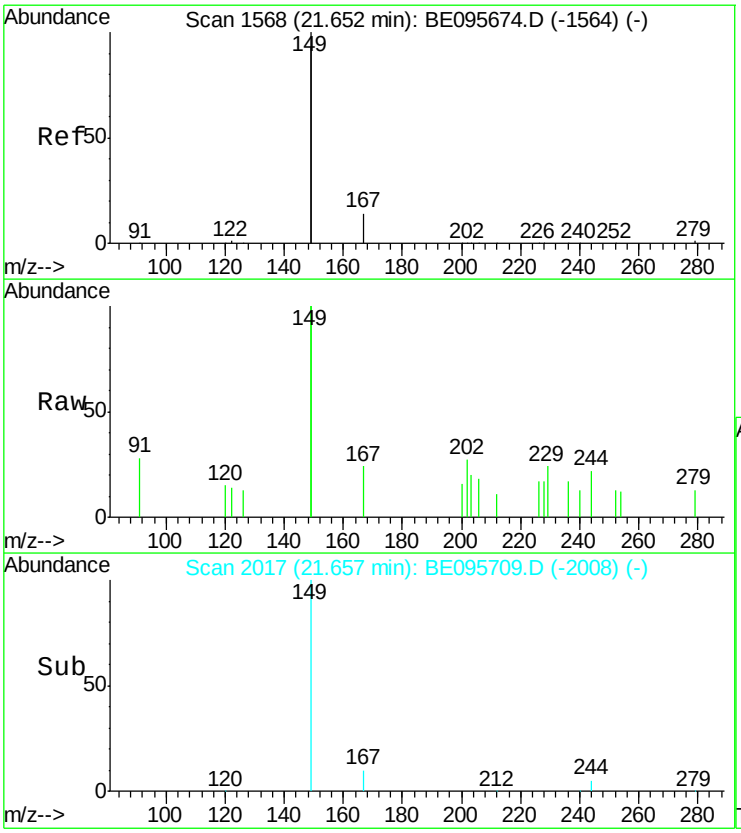
#31
Chrysene
Concen: 0.678 ng
RT: 21.84 min Scan# 2032
Delta R.T. -0.00 min
Lab File: BE095709.D
Acq: 6 Mar 2018 22:10

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:228 Resp: 17558

Ion	Ratio	Lower	Upper
228	100		
226	30.4	24.0	36.0
229	23.2	16.0	24.0

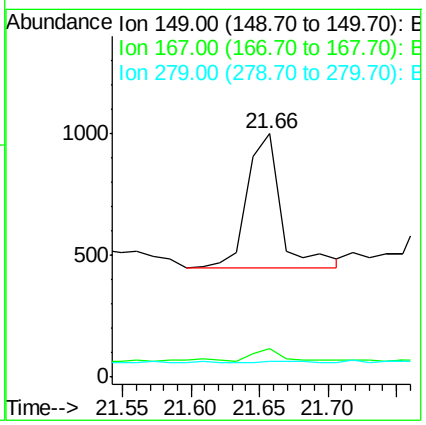


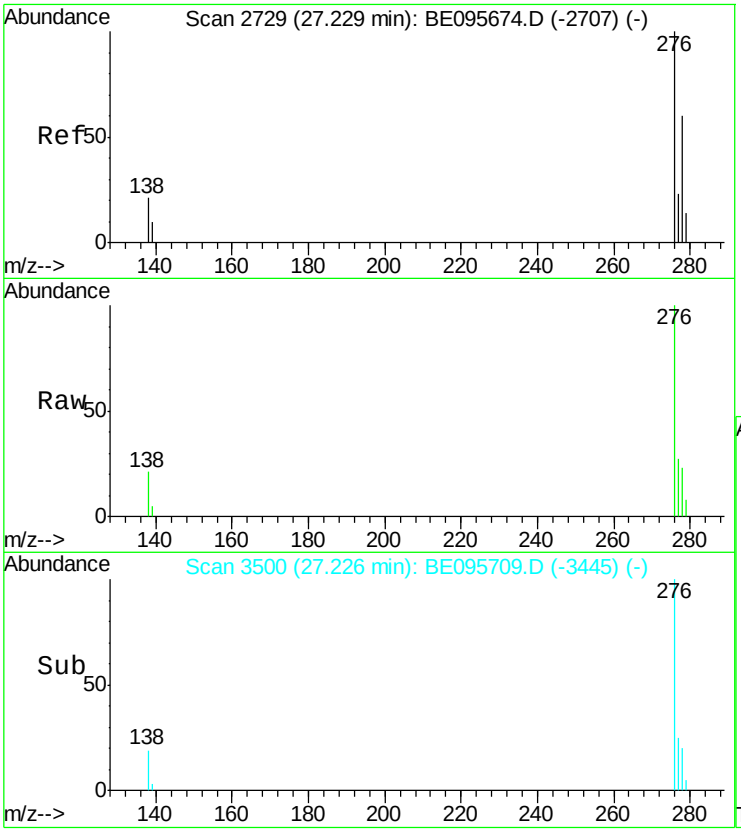


#32
Bis(2-ethylhexyl)phthalate
Concen: 0.021 ng
RT: 21.66 min Scan# 2017
Delta R.T. 0.01 min
Lab File: BE095709.D
Acq: 6 Mar 2018 22:10

Tgt Ion:149 Resp: 964

Ion	Ratio	Lower	Upper
149	100		
167	7.8	5.4	8.0
279	1.6	0.7	1.1#



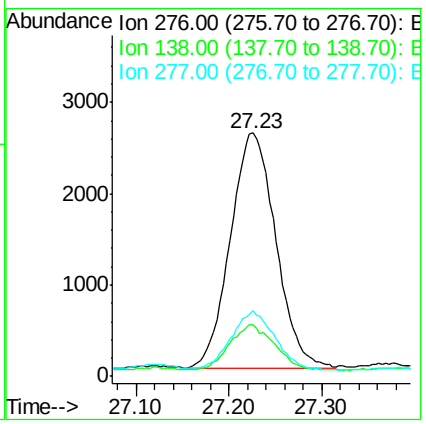


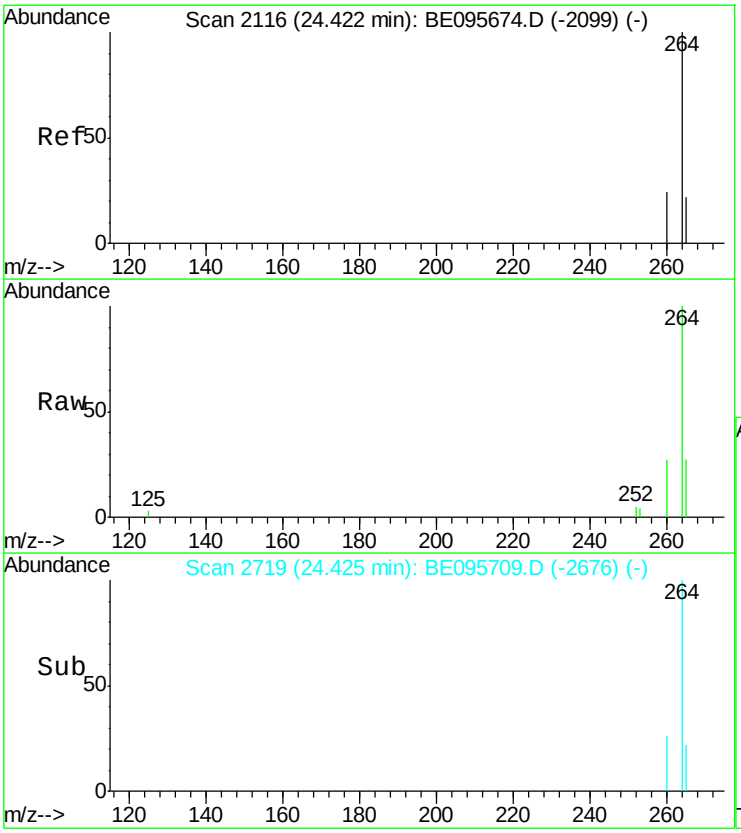
#33
Indeno(1,2,3-cd)pyrene
Concen: 0.348 ng
RT: 27.23 min Scan# 3500
Delta R.T. -0.00 min
Lab File: BE095709.D
Acq: 6 Mar 2018 22:10

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:276 Resp: 8749

Ion	Ratio	Lower	Upper
276	100		
138	18.9	22.5	33.7#
277	24.4	19.9	29.9

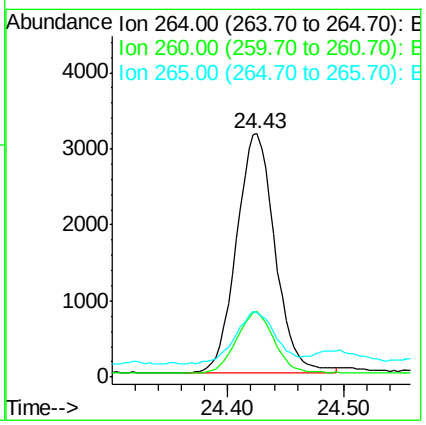


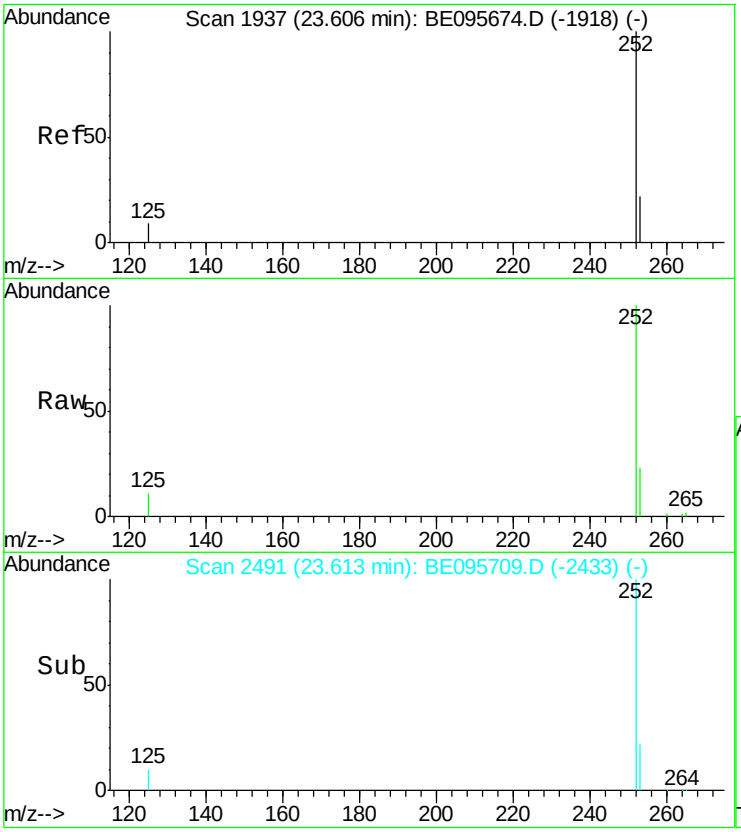


#34
Perylene-d12
Concen: 0.400 ng
RT: 24.43 min Scan# 2719
Delta R.T. 0.00 min
Lab File: BE095709.D
Acq: 6 Mar 2018 22:10

Tgt Ion:264 Resp: 7247

Ion	Ratio	Lower	Upper
264	100		
260	26.8	20.5	30.7
265	26.5	22.8	34.2



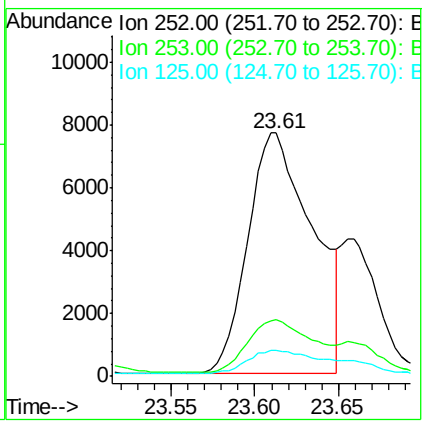


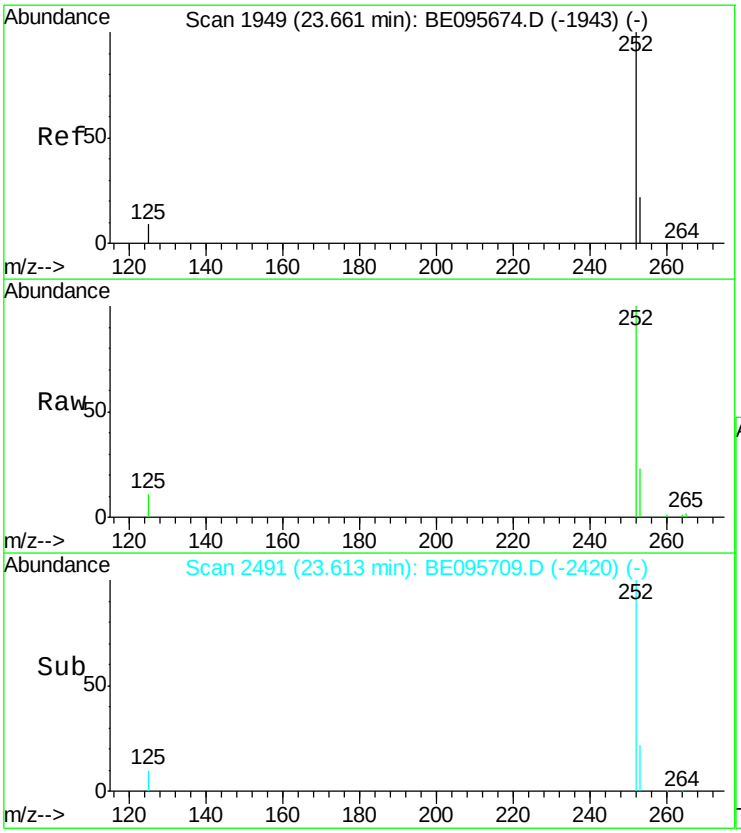
#35
Benzo(b)fluoranthene
Concen: 0.800 ng
RT: 23.61 min Scan# 2491
Delta R.T. 0.01 min
Lab File: BE095709.D
Acq: 6 Mar 2018 22:10

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:252 Resp: 20643

Ion	Ratio	Lower	Upper
252	100		
253	23.5	20.0	30.0
125	10.6	16.0	24.0#

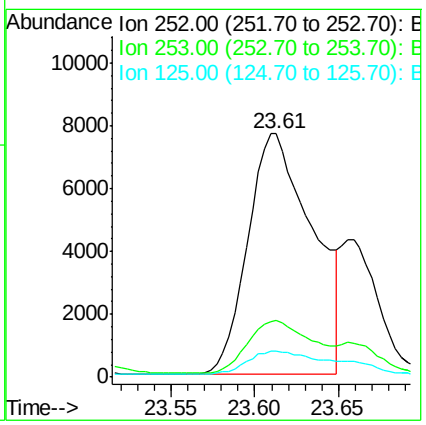


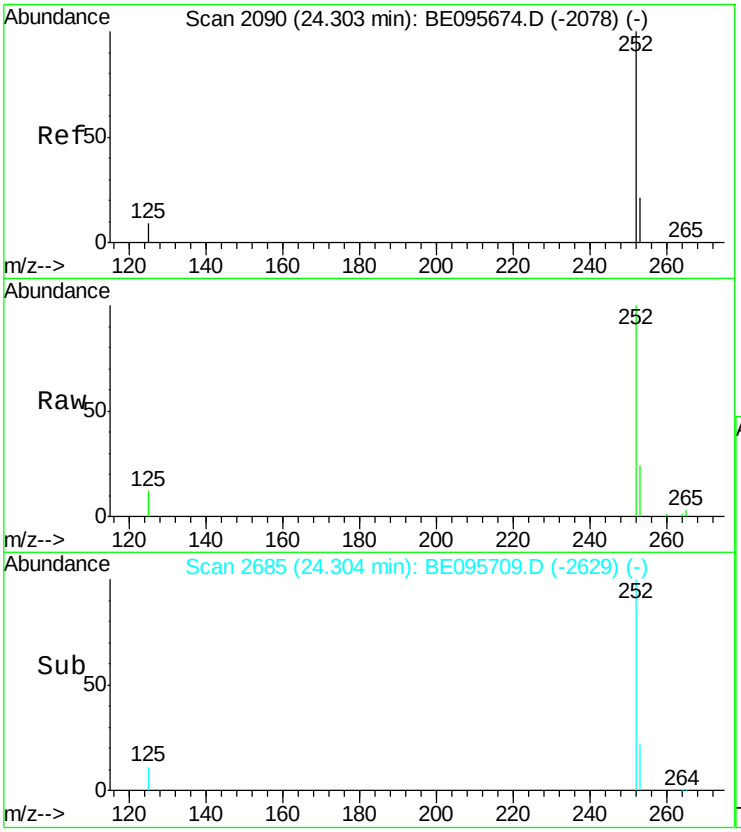


#36
Benzo(k)fluoranthene
Concen: 0.804 ng
RT: 23.61 min Scan# 2491
Delta R.T. -0.05 min
Lab File: BE095709.D
Acq: 6 Mar 2018 22:10

Tgt Ion:252 Resp: 20643

Ion	Ratio	Lower	Upper
252	100		
253	23.5	16.0	24.0
125	10.6	8.0	12.0



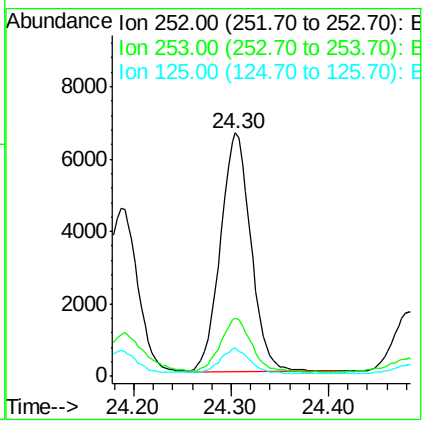


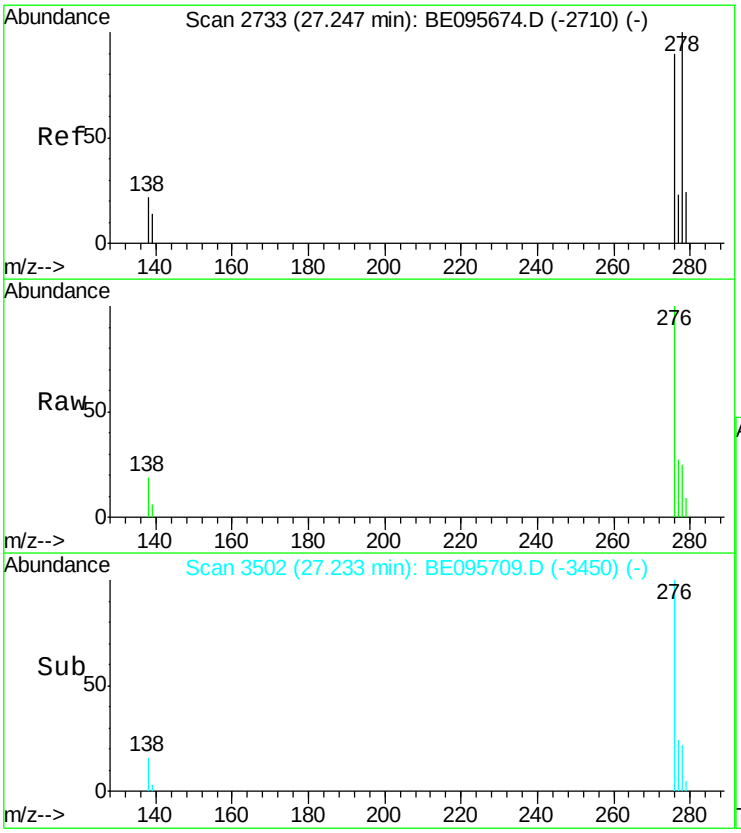
#37
Benzo(a)pyrene
Concen: 0.616 ng
RT: 24.30 min Scan# 2685
Delta R.T. 0.00 min
Lab File: BE095709.D
Acq: 6 Mar 2018 22:10

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:252 Resp: 14341

Ion	Ratio	Lower	Upper
252	100		
253	23.9	16.0	24.0
125	11.8	12.0	18.0#

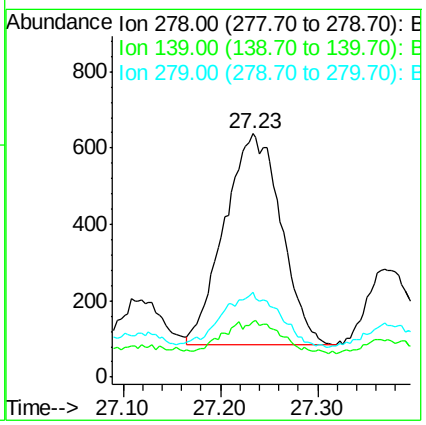


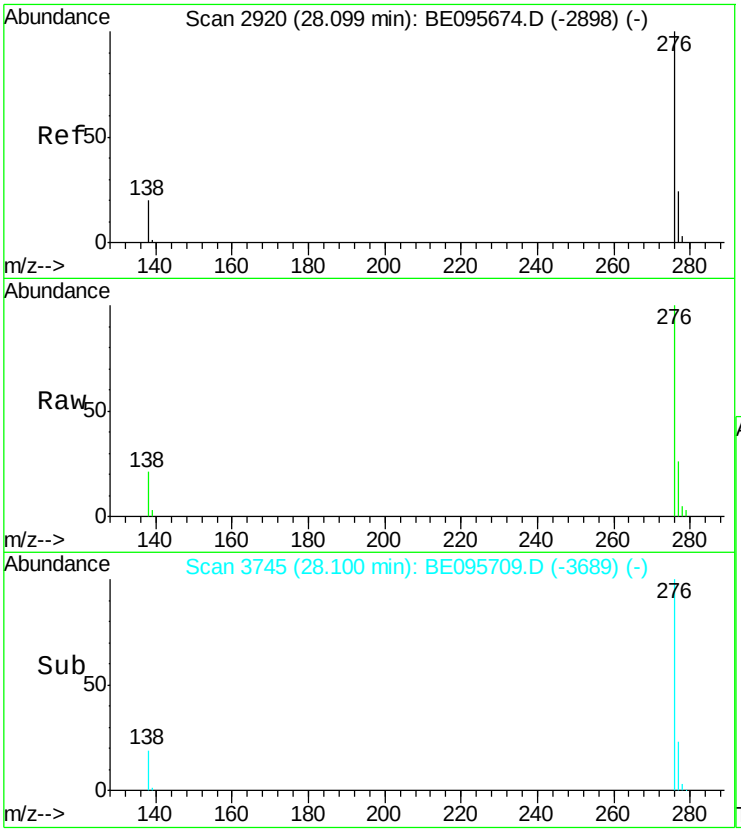


#38
Dibenzo(a,h)anthracene
Concen: 0.108 ng
RT: 27.23 min Scan# 3502
Delta R.T. -0.01 min
Lab File: BE095709.D
Acq: 6 Mar 2018 22:10

Tgt Ion:278 Resp: 2246

Ion	Ratio	Lower	Upper
278	100		
139	23.0	16.0	24.0
279	34.6	20.0	30.0#





#39
Benzo(g,h,i)perylene
Concen: 0.400 ng
RT: 28.10 min Scan# 3745
Delta R.T. 0.00 min
Lab File: BE095709.D
Acq: 6 Mar 2018 22:10

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:276 Resp: 8874

Ion	Ratio	Lower	Upper
276	100		
277	25.6	16.0	24.0#
138	20.9	20.0	30.0