Quantitation Report (Not Reviewed)

Data Path : \\74.0.250.170\SVOASRV\HPCHEM1\BNA E\DATA\BE030718\
Data File : BE095720.D
Acq On : 7 Mar 2018 12:51
Operator : SJ/JU
Sample : J1811-07
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument : BNA_E
ClientSampleId :

Quant Time: Mar 07 14:22:29 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	1444	0.40	ng		0.00
7) Naphthalene-d8	11.26	136	5719	0.40	ng		-0.02
13) Acenaphthene-d10	15.00	164	3310	0.40	ng		0.00
19) Phenanthrene-d10	17.71	188	7054	0.40	ng		0.00
27) Chrysene-d12	21.80	240	7523	0.40	ng		0.00
34) Perylene-d12	24.43	264	7250	0.40	ng		0.00
System Monitoring Compounds							
4) 2-Fluorophenol	5.92	112	732	0.19	ng		0.00
5) Phenol-d6	7.56	99	1016	0.19	ng		0.00
8) Nitrobenzene-d5	9.61	82	1348	0.23	ng		0.00
11) 2-Methylnaphthalene-d10	12.80	152	2216	0.23	ng		0.00
14) 2,4,6-Tribromophenol	16.47	330	259	0.28	ng		0.00
15) 2-Fluorobiphenyl	13.64	172	3161	0.21	ng		0.00
25) Fluoranthene-d10	19.69	212	16173	0.18	ng		0.00
29) Terphenyl-d14	20.25	244	2828	0.19	ng		0.00
Target Compounds							Qvalue
9) Naphthalene	11.31	128	9096	0.138	ng		98
12) 2-Methylnaphthalene	12.88	142	6447	0.567	ng		96
16) Acenaphthylene	14.74	152	3166	0.170	ng	#	92
17) Acenaphthene	15.07	154	1004	0.086	ng	#	57
18) Fluorene	16.03	166	1282	0.089	ng	#	43
22) Pentachlorophenol	17.37	266	98	0.237	ng		91
23) Phenanthrene	17.75	178	74721	3.389	ng		97
24) Anthracene	17.84	178	11097	0.548	ng	#	91
26) Fluoranthene	19.72	202	54596	2.012	ng		96
28) Pyrene	20.07	202	132090	4.294	ng	#	95
30) Benzo(a)anthracene	21.78	228	42120	1.716	ng		96
31) Chrysene	21.84	228	45261	1.854	ng		95
32) Bis(2-ethylhexyl)phthalate	21.66	149	4246	0.098	ng	#	98
33) Indeno(1,2,3-cd)pyrene	27.23	276	21632	0.915	ng	#	92
35) Benzo(b)fluoranthene	23.61	252	37452	1.450	ng	#	91
36) Benzo(k)fluoranthene	23.61	252	37452	1.458	ng	#	92
37) Benzo(a)pyrene	24.19	252	32698	1.405	ng		95
38) Dibenzo(a,h)anthracene	27.24	278	8994	0.434	ng	#	87
39) Benzo(g,h,i)perylene	28.10	276	31810	1.433	ng	#	91

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

Quantitation Report (Not Reviewed)

Data Path : \\74.0.250.170\SVOASRV\HPCHEM1\BNA E\DATA\BE030718\
Data File : BE095720.D
Acq On : 7 Mar 2018 12:51
Operator : SJ/JU
Sample : J1811-07
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :
BNA_E
ClientSampleId :

Quant Time: Mar 07 14:22:29 2018
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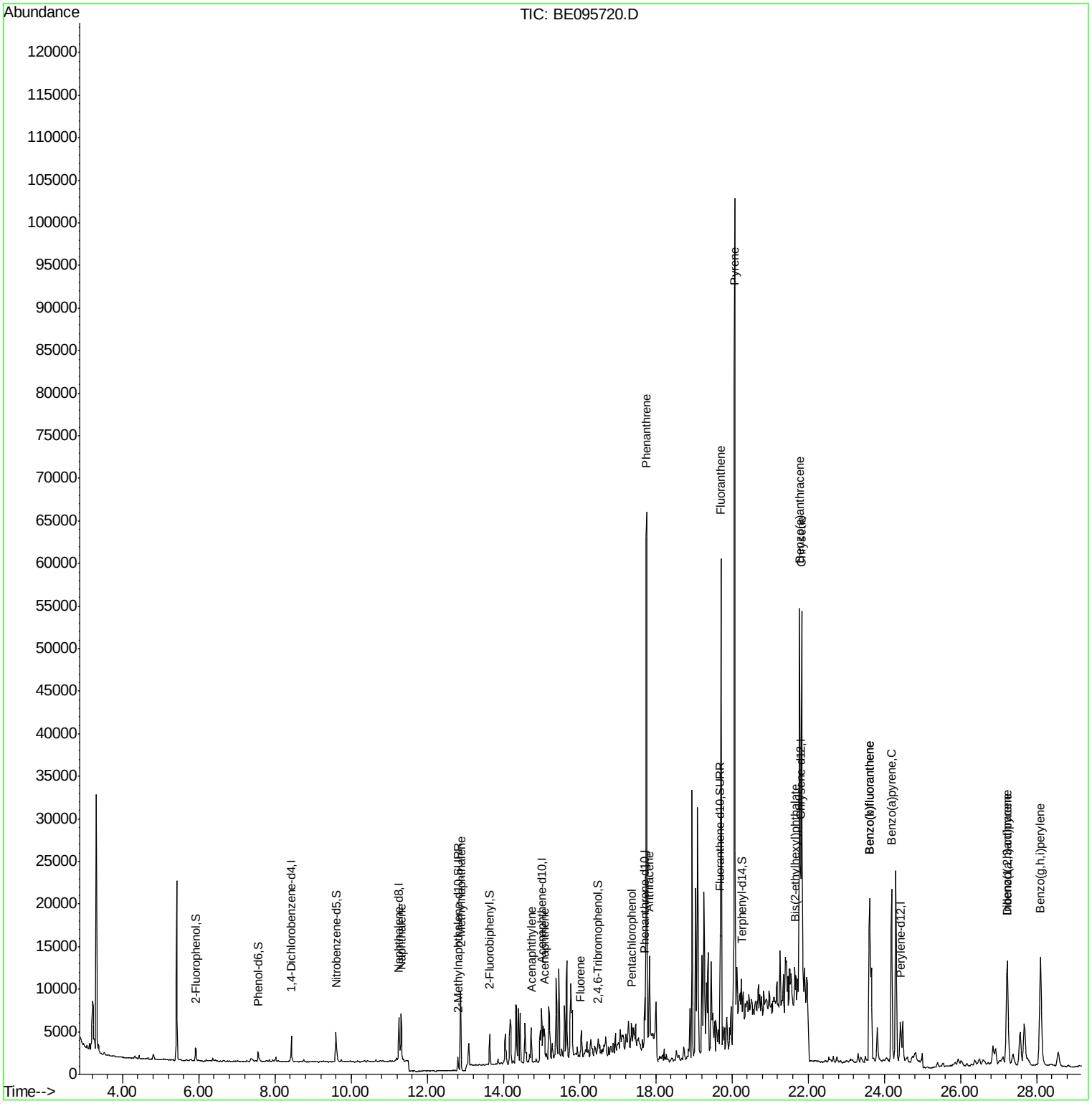
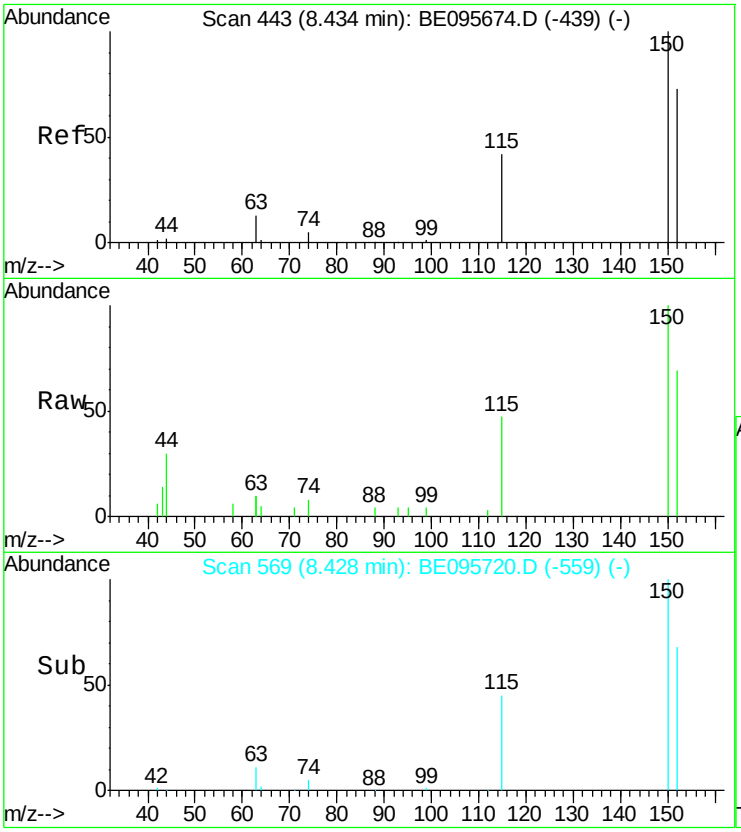
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Feb 23 12:12:42 2018
Response via : Initial Calibration



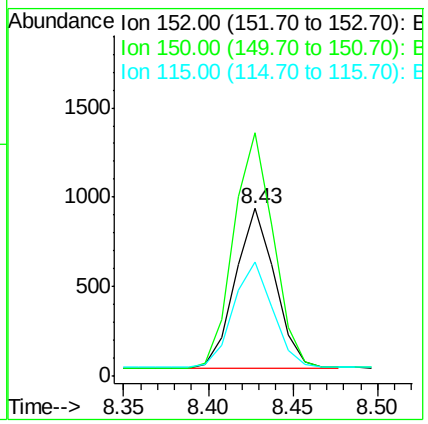


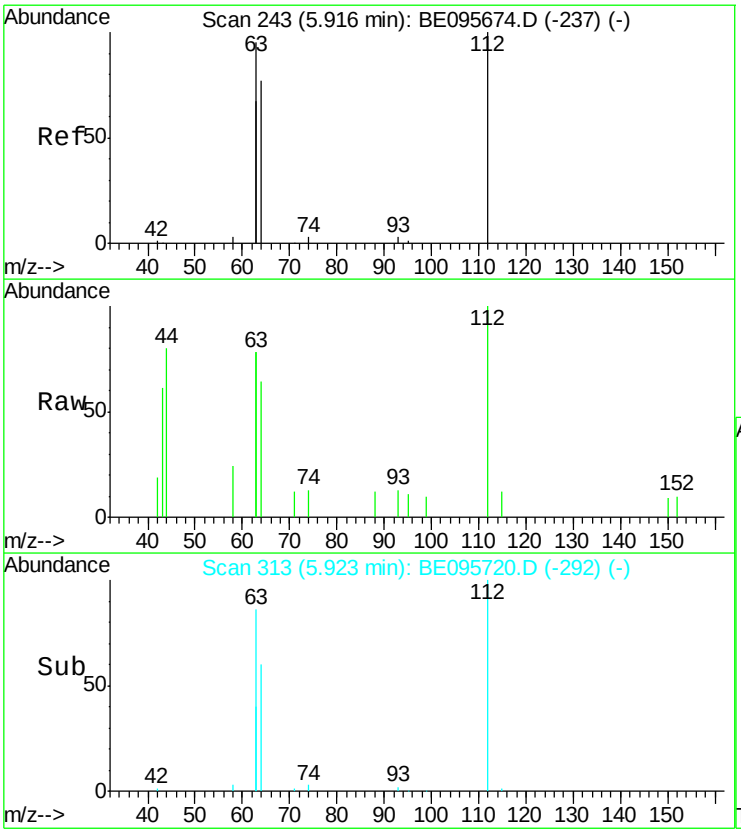
#1
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 8.43 min Scan# 569
Delta R.T. -0.01 min
Lab File: BE095720.D
Acq: 7 Mar 2018 12:51

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:152 Resp: 1444

Ion	Ratio	Lower	Upper
152	100		
150	145.0	117.2	175.8
115	67.8	57.0	85.6

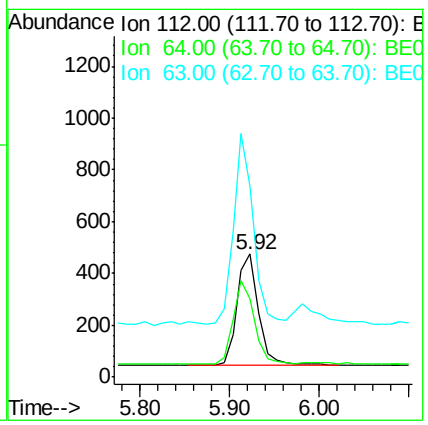


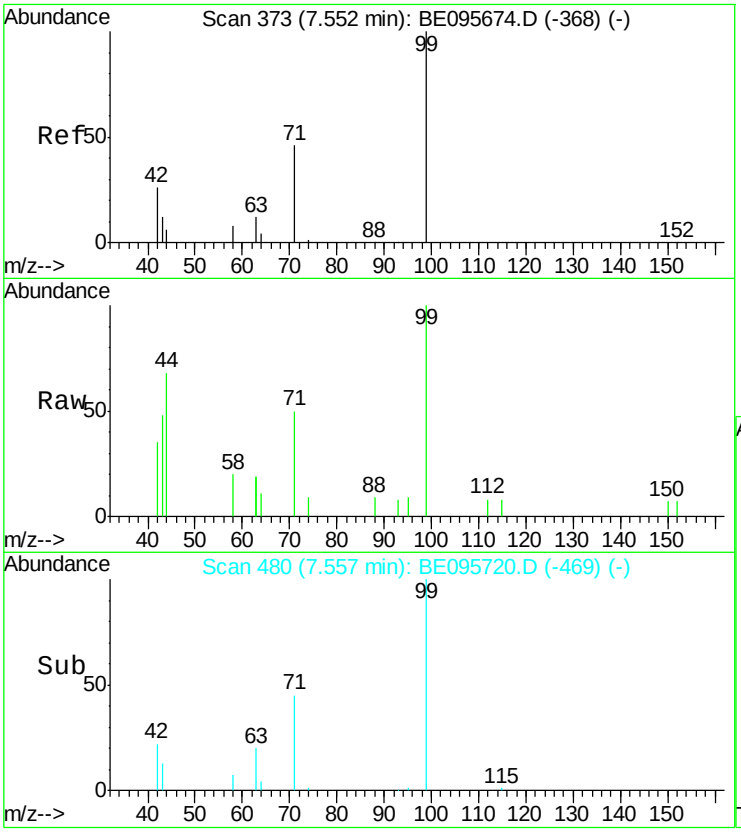


#4
2-Fluorophenol
Concen: 0.192 ng
RT: 5.92 min Scan# 313
Delta R.T. 0.01 min
Lab File: BE095720.D
Acq: 7 Mar 2018 12:51

Tgt Ion:112 Resp: 732

Ion	Ratio	Lower	Upper
112	100		
64	73.9	60.1	90.1
63	155.1	116.8	175.2



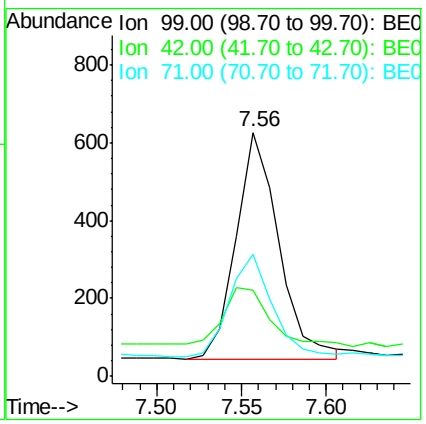


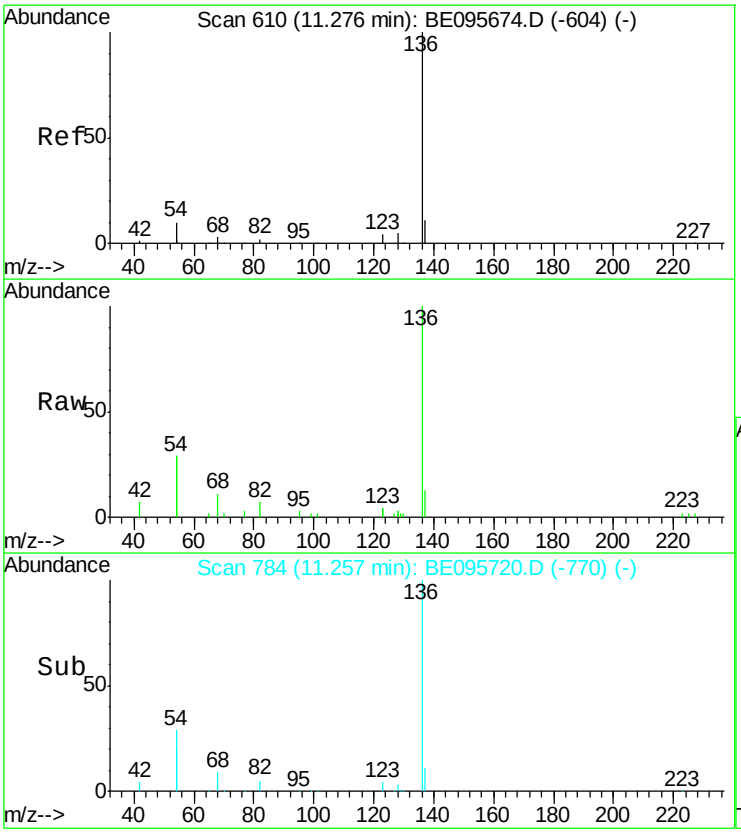
#5
Phenol-d6
Concen: 0.192 ng
RT: 7.56 min Scan# 480
Delta R.T. 0.00 min
Lab File: BE095720.D
Acq: 7 Mar 2018 12:51

Instrument :
BNA_E
ClientSampleId :

Tgt Ion: 99 Resp: 1016

Ion	Ratio	Lower	Upper
99	100		
42	25.1	20.2	30.2
71	45.4	28.4	42.6#

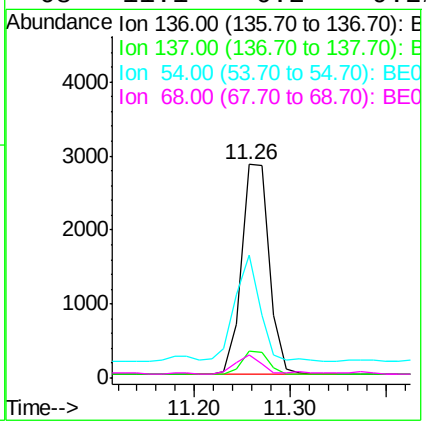


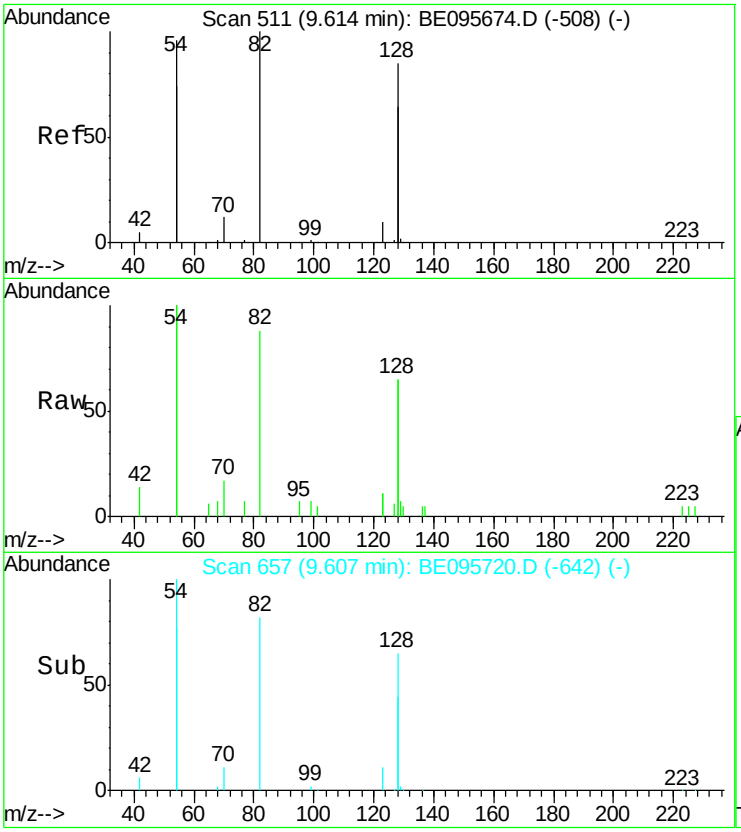


#7
Naphthalene-d8
Concen: 0.400 ng
RT: 11.26 min Scan# 784
Delta R.T. -0.02 min
Lab File: BE095720.D
Acq: 7 Mar 2018 12:51

Tgt Ion:136 Resp: 5719

Ion	Ratio	Lower	Upper
136	100		
137	12.5	9.5	14.3
54	57.7	29.1	43.7#
68	11.1	6.2	9.2#



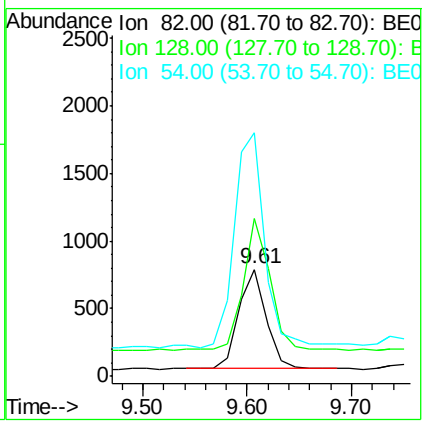


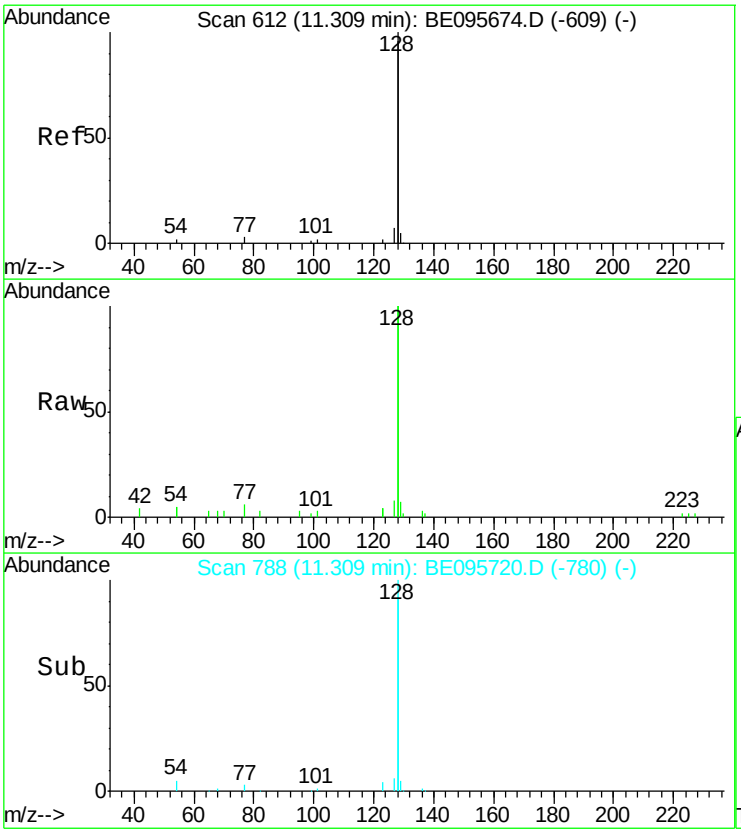
#8
Nitrobenzene-d5
Concen: 0.229 ng
RT: 9.61 min Scan# 657
Delta R.T. -0.01 min
Lab File: BE095720.D
Acq: 7 Mar 2018 12:51

Instrument :
BNA_E
ClientSampleId :

Tgt Ion: 82 Resp: 1348

Ion	Ratio	Lower	Upper
82	100		
128	146.8	150.0	225.0#
54	227.0	154.2	231.4

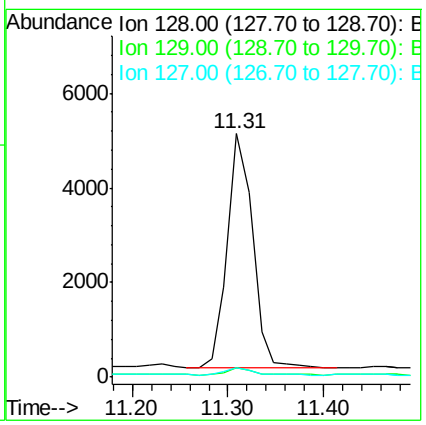


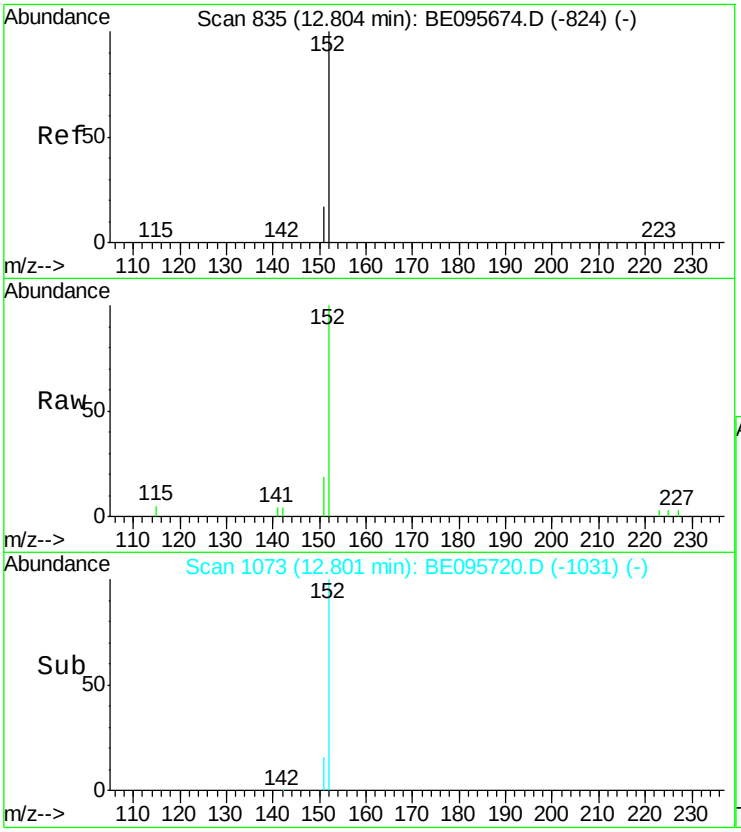


#9
Naphthalene
Concen: 0.138 ng
RT: 11.31 min Scan# 788
Delta R.T. -0.00 min
Lab File: BE095720.D
Acq: 7 Mar 2018 12:51

Tgt Ion:128 Resp: 9096

Ion	Ratio	Lower	Upper
128	100		
129	3.7	2.6	3.8
127	4.0	2.8	4.2



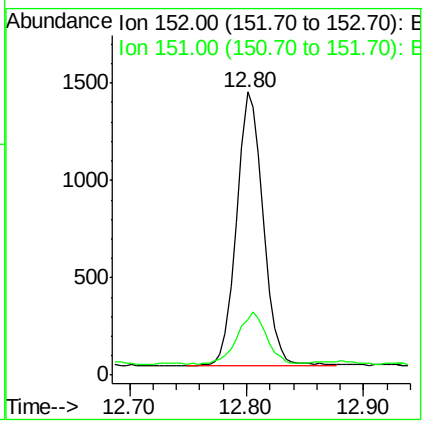


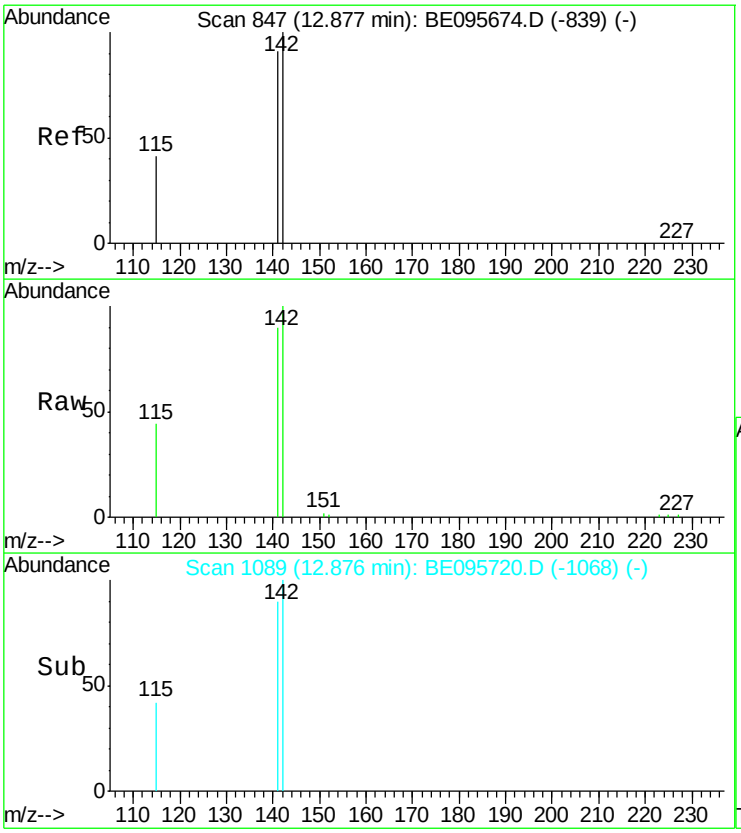
#11
2-Methylnaphthalene-d10
Concen: 0.232 ng
RT: 12.80 min Scan# 1073
Delta R.T. -0.00 min
Lab File: BE095720.D
Acq: 7 Mar 2018 12:51

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:152 Resp: 2216

Ion	Ratio	Lower	Upper
152	100		
151	21.7	15.4	23.0

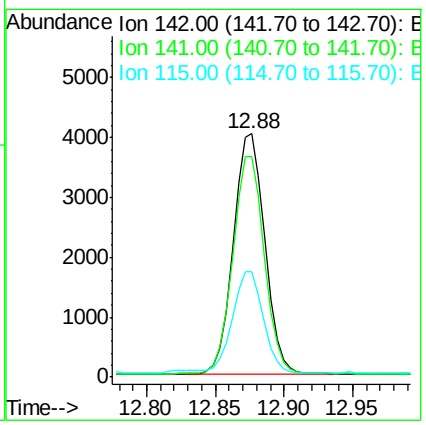


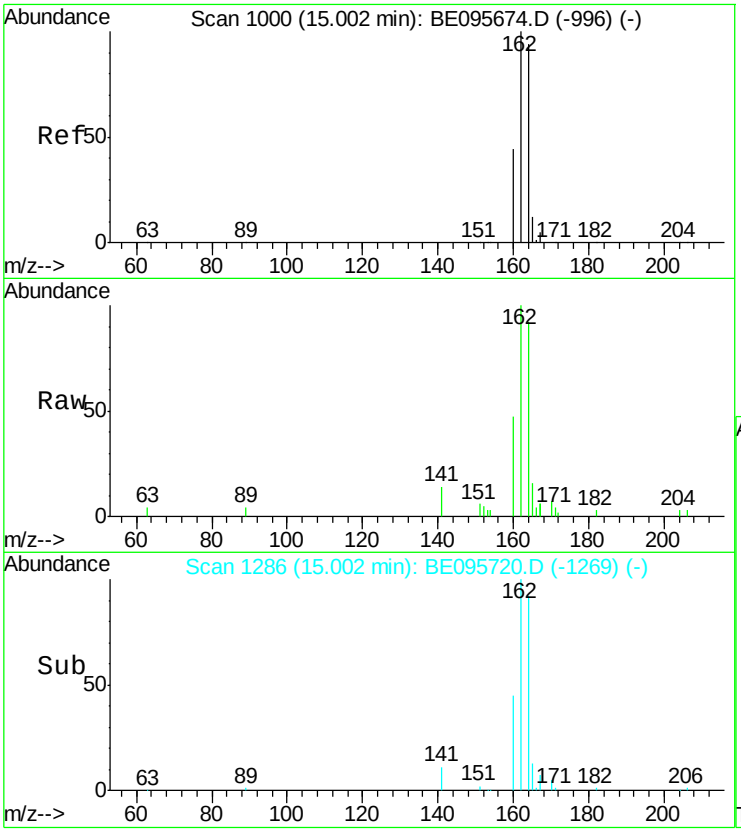


#12
2-Methylnaphthalene
Concen: 0.567 ng
RT: 12.88 min Scan# 1089
Delta R.T. -0.00 min
Lab File: BE095720.D
Acq: 7 Mar 2018 12:51

Tgt Ion:142 Resp: 6447

Ion	Ratio	Lower	Upper
142	100		
141	90.4	70.4	105.6
115	43.5	31.7	47.5



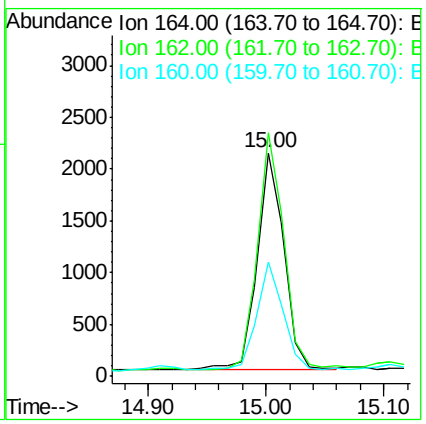


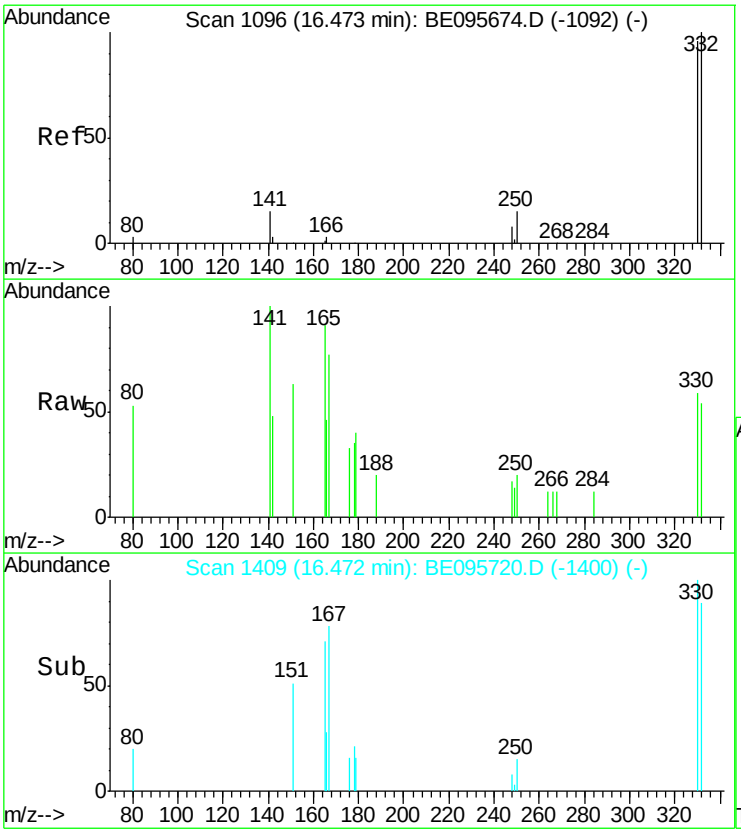
#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 15.00 min Scan# 1286
Delta R.T. -0.00 min
Lab File: BE095720.D
Acq: 7 Mar 2018 12:51

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:164 Resp: 3310

Ion	Ratio	Lower	Upper
164	100		
162	108.9	83.1	124.7
160	51.2	37.1	55.7

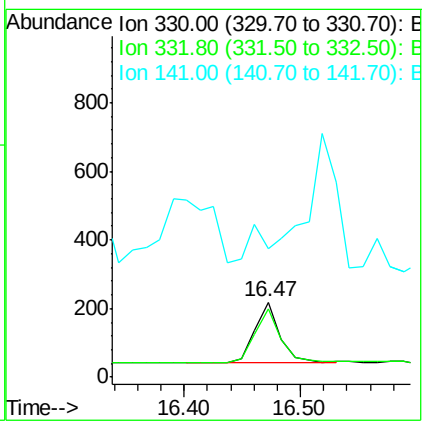


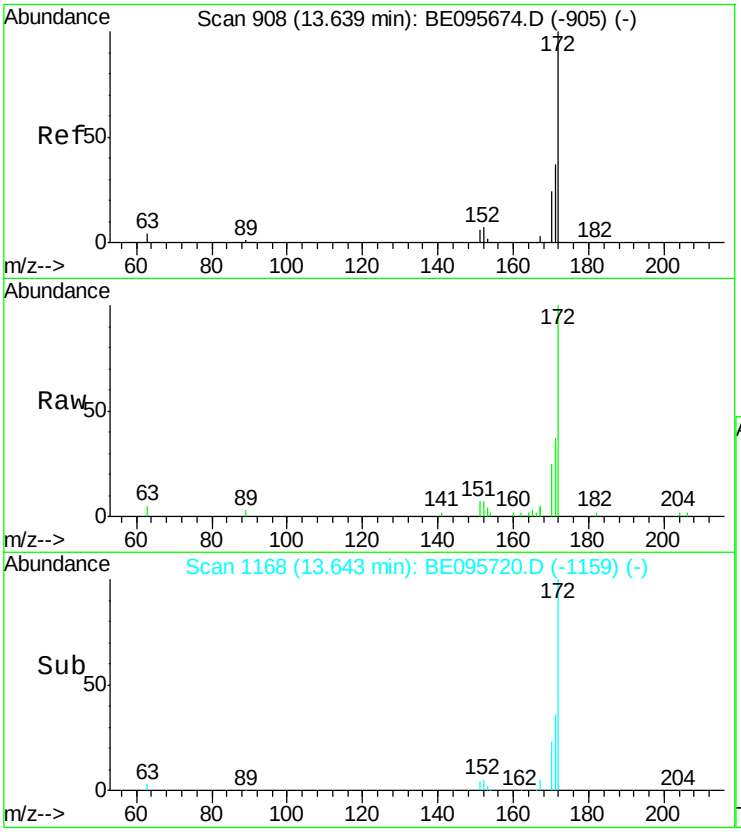


#14
2,4,6-Tribromophenol
Concen: 0.279 ng
RT: 16.47 min Scan# 1409
Delta R.T. -0.00 min
Lab File: BE095720.D
Acq: 7 Mar 2018 12:51

Tgt Ion:330 Resp: 259

Ion	Ratio	Lower	Upper
330	100		
332	95.8	152.7	229.1#
141	36.3	33.7	50.5



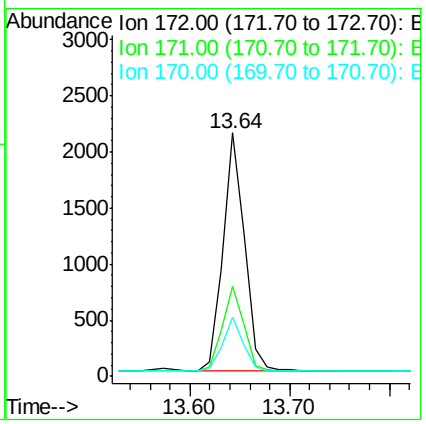


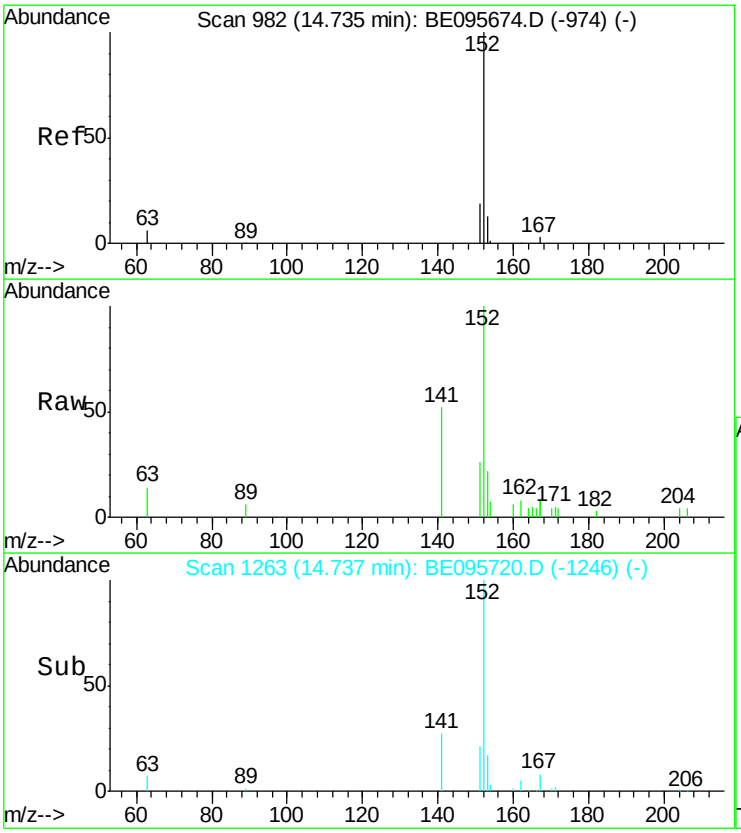
#15
2-Fluorobiphenyl
Concen: 0.214 ng
RT: 13.64 min Scan# 1168
Delta R.T. 0.00 min
Lab File: BE095720.D
Acq: 7 Mar 2018 12:51

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:172 Resp: 3161

Ion	Ratio	Lower	Upper
172	100		
171	37.0	29.9	44.9
170	24.6	21.8	32.8

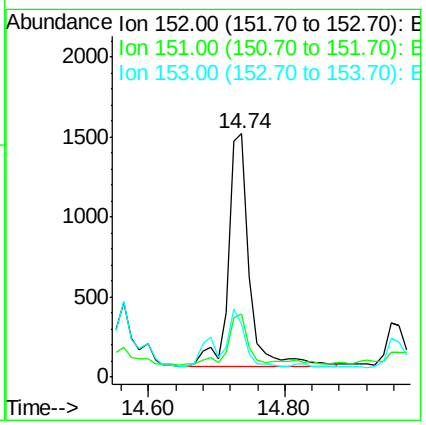


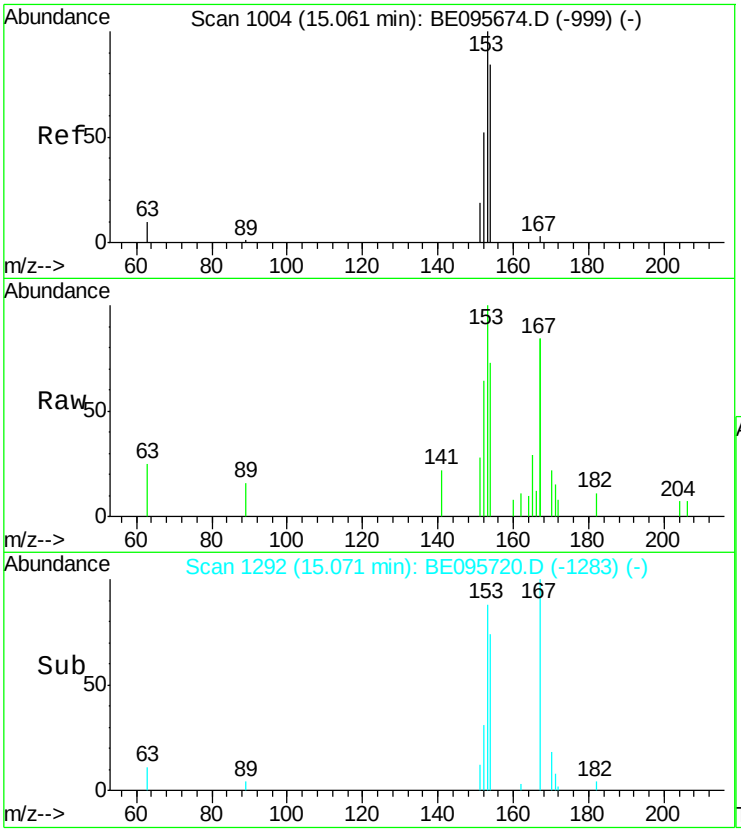


#16
Acenaphthylene
Concen: 0.170 ng
RT: 14.74 min Scan# 1263
Delta R.T. 0.00 min
Lab File: BE095720.D
Acq: 7 Mar 2018 12:51

Tgt Ion:152 Resp: 3166

Ion	Ratio	Lower	Upper
152	100		
151	20.5	15.7	23.5
153	19.6	10.5	15.7#



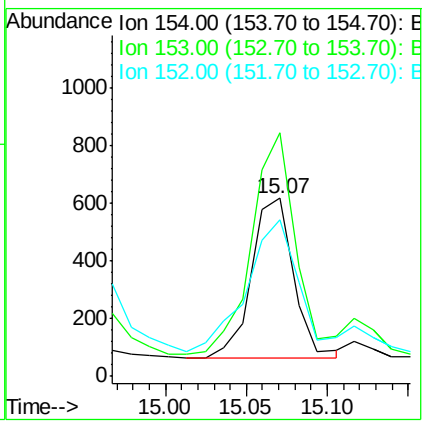


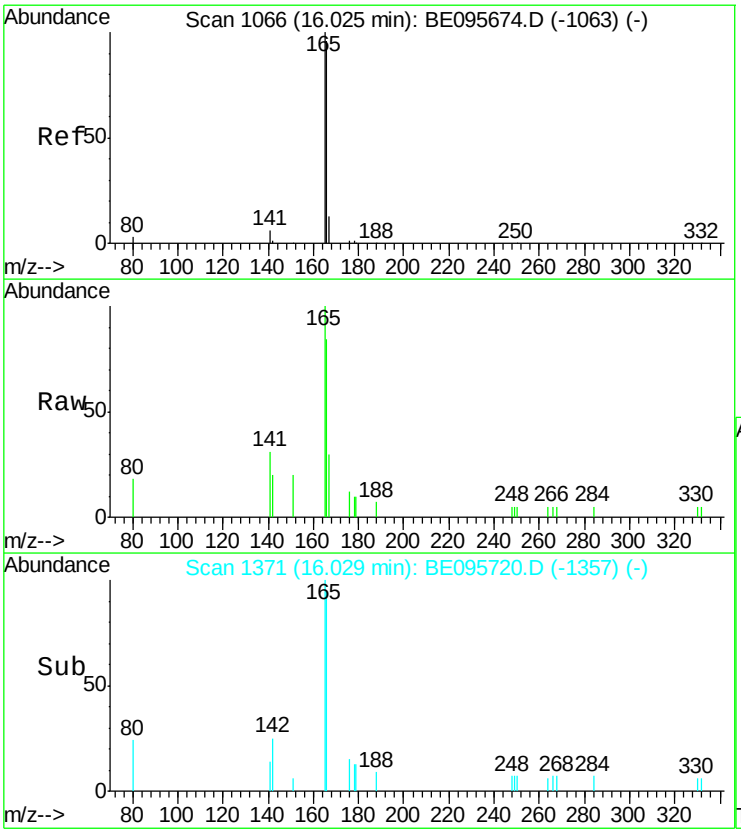
#17
Acenaphthene
Concen: 0.086 ng
RT: 15.07 min Scan# 1292
Delta R.T. 0.01 min
Lab File: BE095720.D
Acq: 7 Mar 2018 12:51

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:154 Resp: 1004

Ion	Ratio	Lower	Upper
154	100		
153	144.7	89.2	133.8#
152	100.1	42.0	63.0#

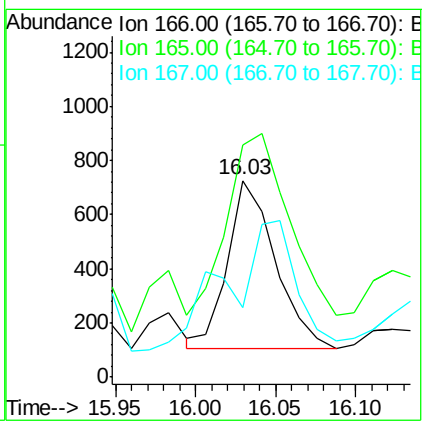


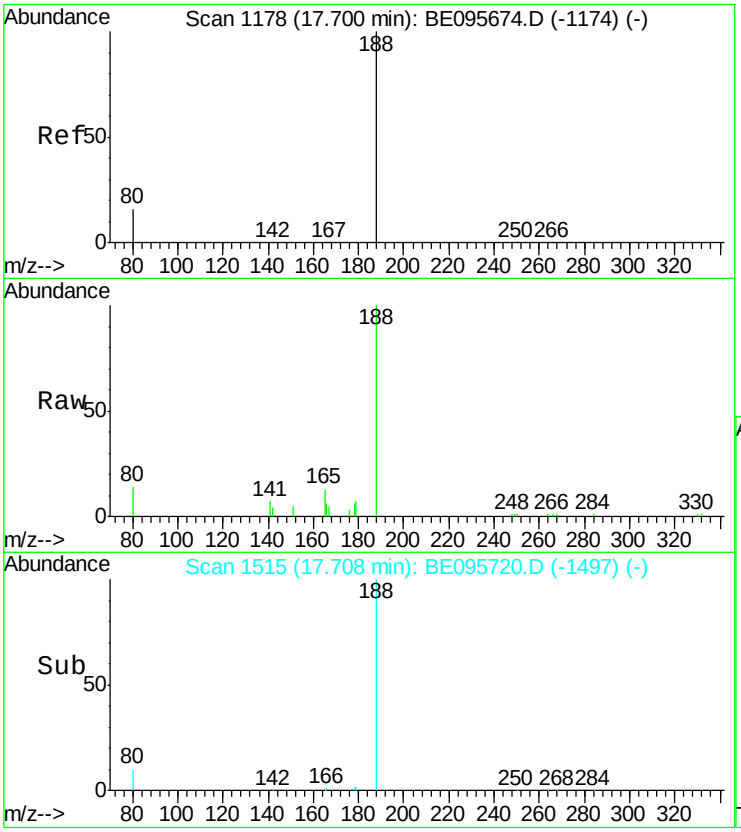


#18
Fluorene
Concen: 0.089 ng
RT: 16.03 min Scan# 1371
Delta R.T. 0.00 min
Lab File: BE095720.D
Acq: 7 Mar 2018 12:51

Tgt Ion:166 Resp: 1282

Ion	Ratio	Lower	Upper
166	100		
165	143.5	77.8	116.6#
167	0.0	42.4	63.6#



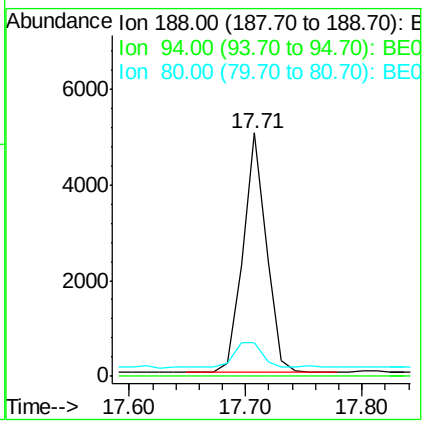


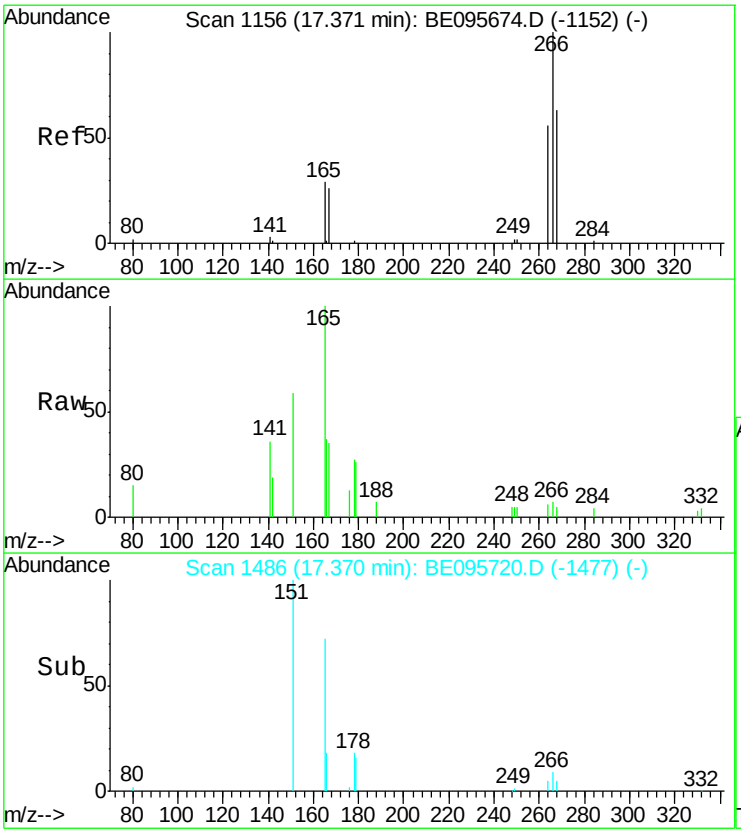
#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.71 min Scan# 1515
Delta R.T. 0.01 min
Lab File: BE095720.D
Acq: 7 Mar 2018 12:51

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:188 Resp: 7054

Ion	Ratio	Lower	Upper
188	100		
94	0.0	3.9	5.9#
80	13.7	3.6	5.4#

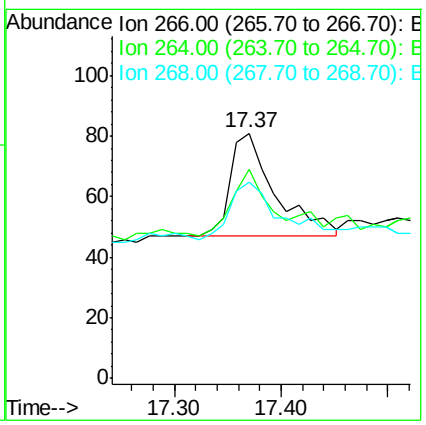


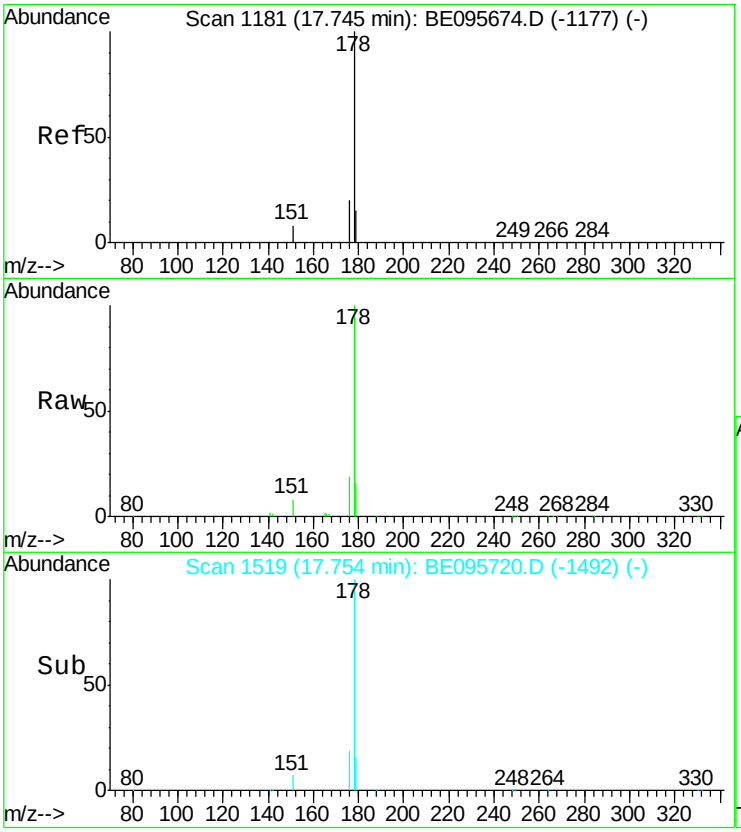


#22
Pentachlorophenol
Concen: 0.237 ng
RT: 17.37 min Scan# 1486
Delta R.T. -0.00 min
Lab File: BE095720.D
Acq: 7 Mar 2018 12:51

Tgt Ion:266 Resp: 98

Ion	Ratio	Lower	Upper
266	100		
264	85.2	72.5	108.7
268	80.2	73.8	110.6



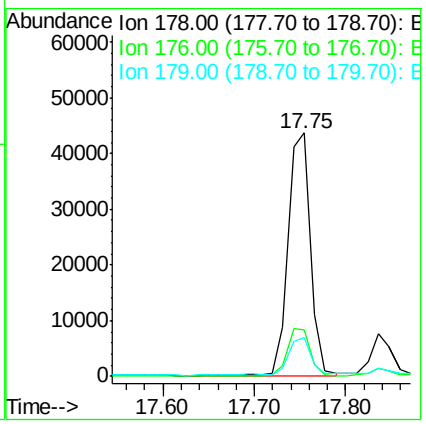


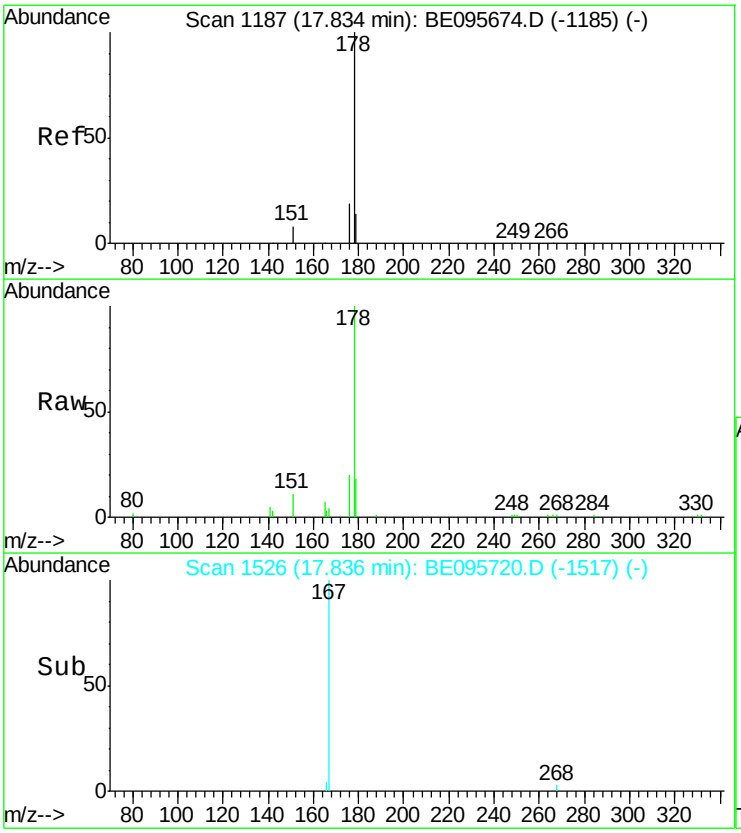
#23
Phenanthrene
Concen: 3.389 ng
RT: 17.75 min Scan# 1519
Delta R.T. 0.01 min
Lab File: BE095720.D
Acq: 7 Mar 2018 12:51

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:178 Resp: 74721

Ion	Ratio	Lower	Upper
178	100		
176	19.5	15.1	22.7
179	17.3	11.8	17.6

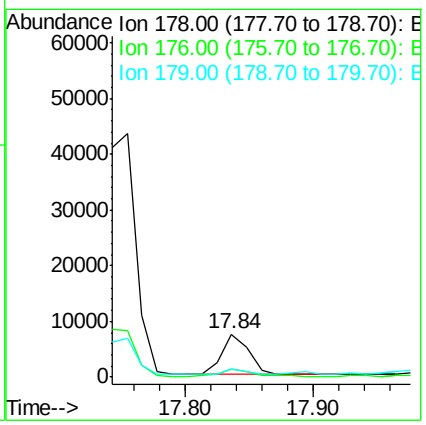


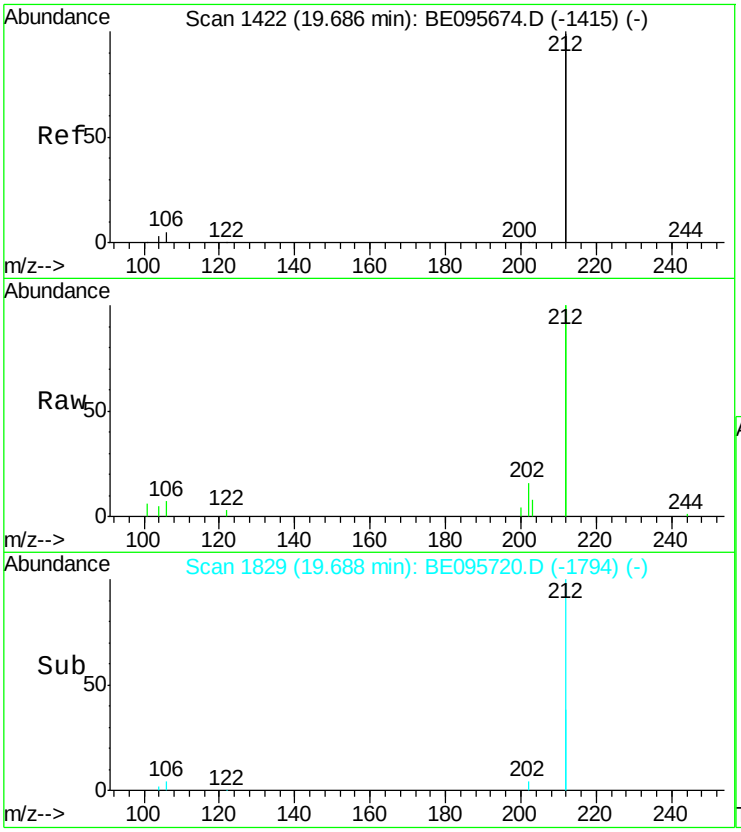


#24
Anthracene
Concen: 0.548 ng
RT: 17.84 min Scan# 1526
Delta R.T. 0.00 min
Lab File: BE095720.D
Acq: 7 Mar 2018 12:51

Tgt Ion:178 Resp: 11097

Ion	Ratio	Lower	Upper
178	100		
176	18.9	12.8	19.2
179	11.3	13.0	19.6#



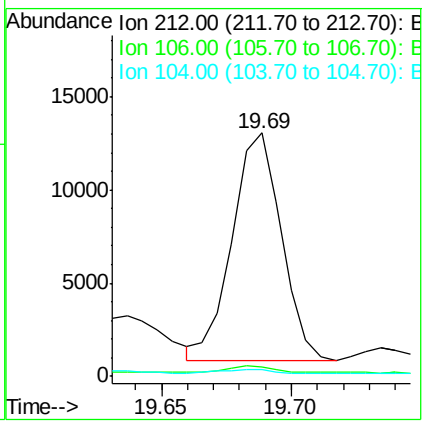


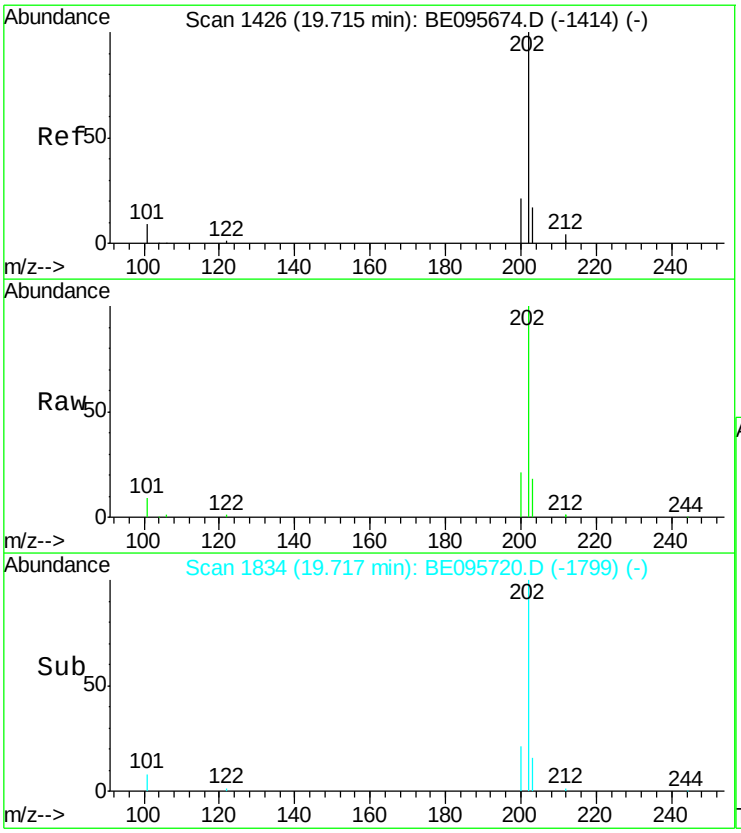
#25
Fluoranthene-d10
Concen: 0.176 ng
RT: 19.69 min Scan# 1829
Delta R.T. 0.00 min
Lab File: BE095720.D
Acq: 7 Mar 2018 12:51

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:212 Resp: 16173

Ion	Ratio	Lower	Upper
212	100		
106	3.2	2.8	4.2
104	1.8	1.6	2.4

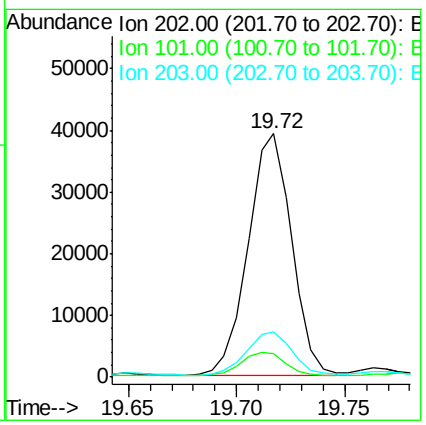


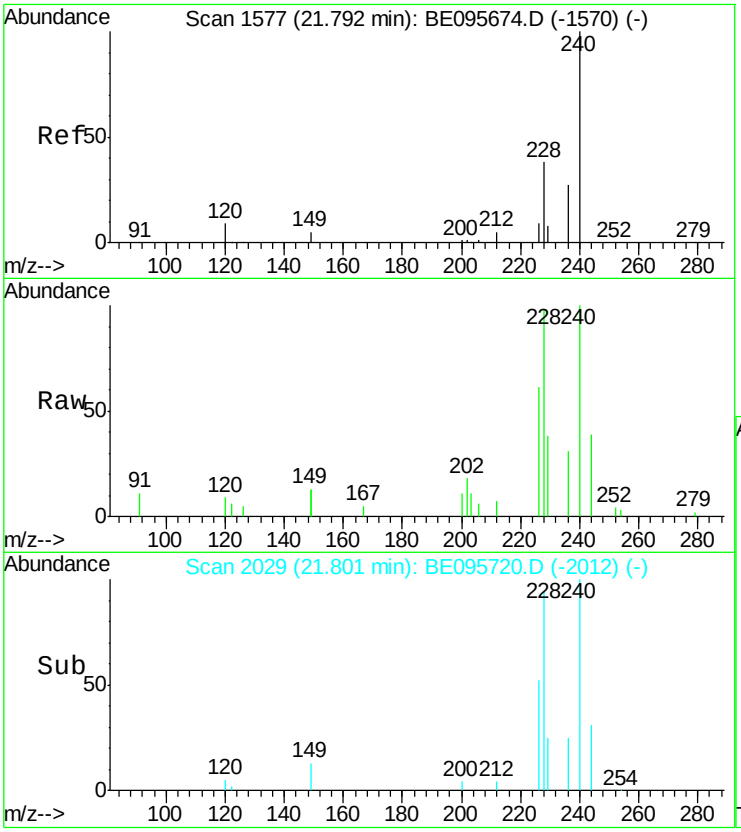


#26
Fluoranthene
Concen: 2.012 ng
RT: 19.72 min Scan# 1834
Delta R.T. 0.00 min
Lab File: BE095720.D
Acq: 7 Mar 2018 12:51

Tgt Ion:202 Resp: 54596

Ion	Ratio	Lower	Upper
202	100		
101	10.1	9.8	14.8
203	18.5	13.7	20.5



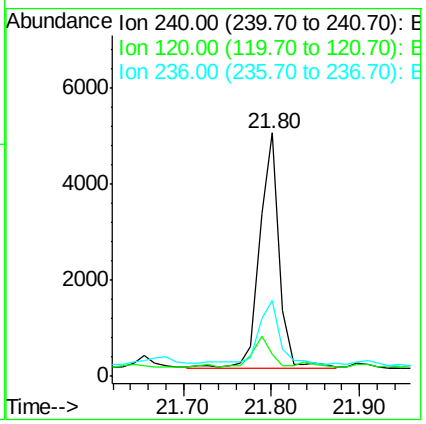


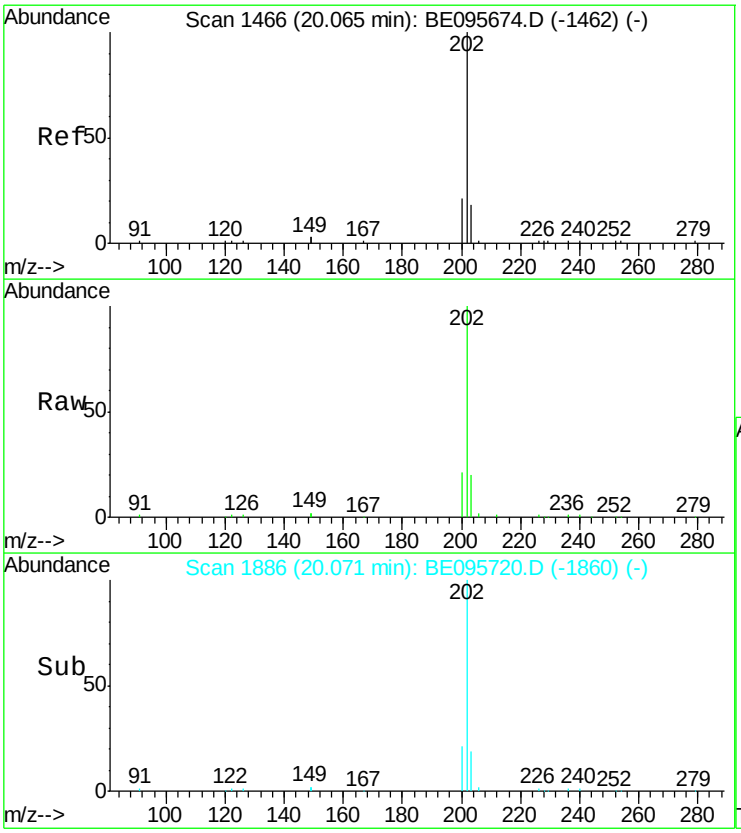
#27
Chrysene-d12
Concen: 0.400 ng
RT: 21.80 min Scan# 2029
Delta R.T. 0.01 min
Lab File: BE095720.D
Acq: 7 Mar 2018 12:51

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:240 Resp: 7523

Ion	Ratio	Lower	Upper
240	100		
120	9.0	5.5	8.3#
236	31.2	20.7	31.1#

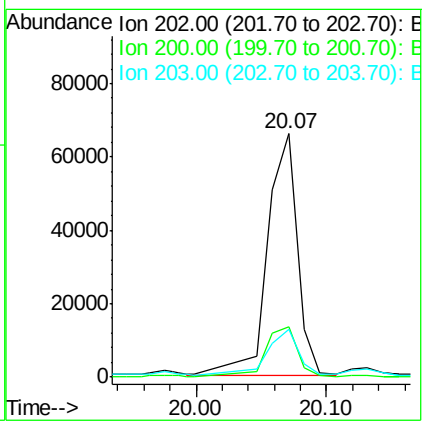


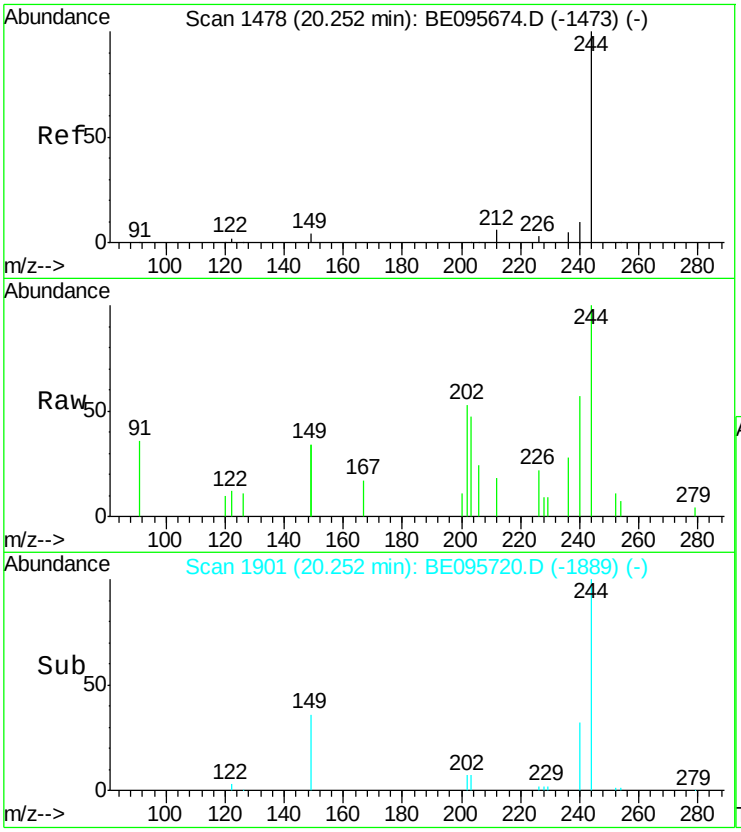


#28
Pyrene
Concen: 4.294 ng
RT: 20.07 min Scan# 1886
Delta R.T. 0.01 min
Lab File: BE095720.D
Acq: 7 Mar 2018 12:51

Tgt Ion:202 Resp: 132090

Ion	Ratio	Lower	Upper
202	100		
200	21.3	16.6	25.0
203	21.5	13.8	20.8#



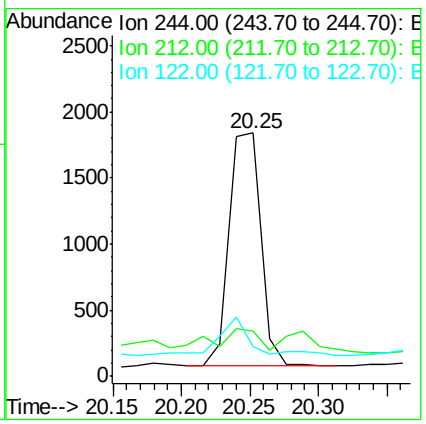


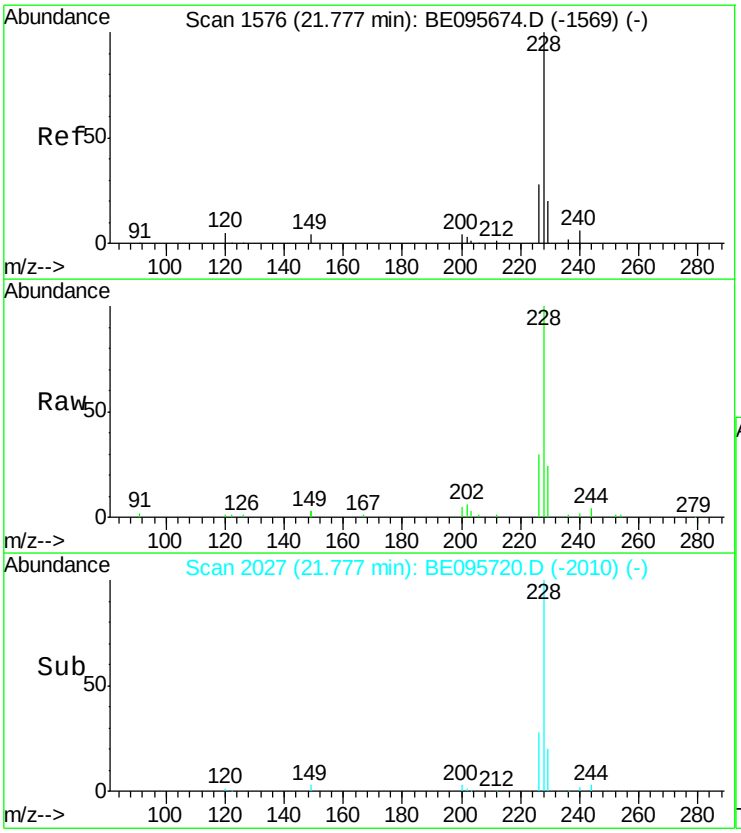
#29
Terphenyl-d14
Concen: 0.189 ng
RT: 20.25 min Scan# 1901
Delta R.T. 0.00 min
Lab File: BE095720.D
Acq: 7 Mar 2018 12:51

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:244 Resp: 2828

Ion	Ratio	Lower	Upper
244	100		
212	18.3	25.4	38.0#
122	12.4	8.1	12.1#

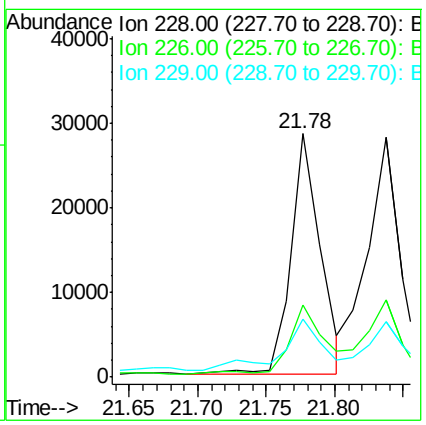


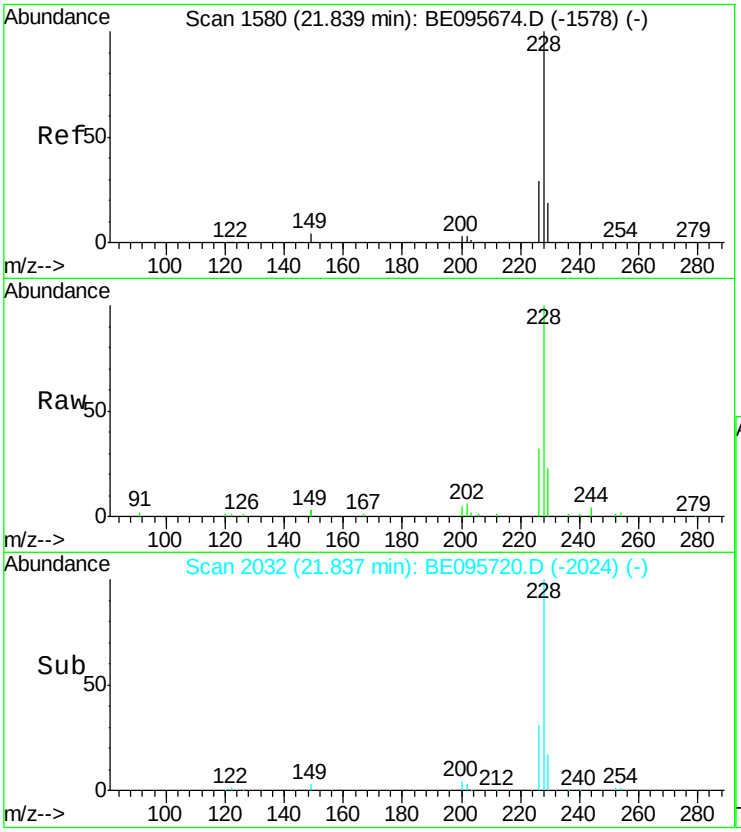


#30
Benzo(a)anthracene
Concen: 1.716 ng
RT: 21.78 min Scan# 2027
Delta R.T. -0.00 min
Lab File: BE095720.D
Acq: 7 Mar 2018 12:51

Tgt Ion:228 Resp: 42120

Ion	Ratio	Lower	Upper
228	100		
226	29.5	24.0	36.0
229	23.7	16.0	24.0



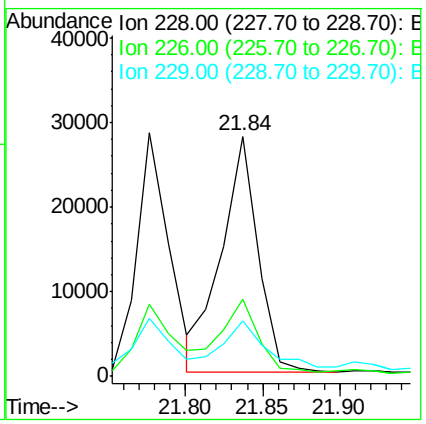


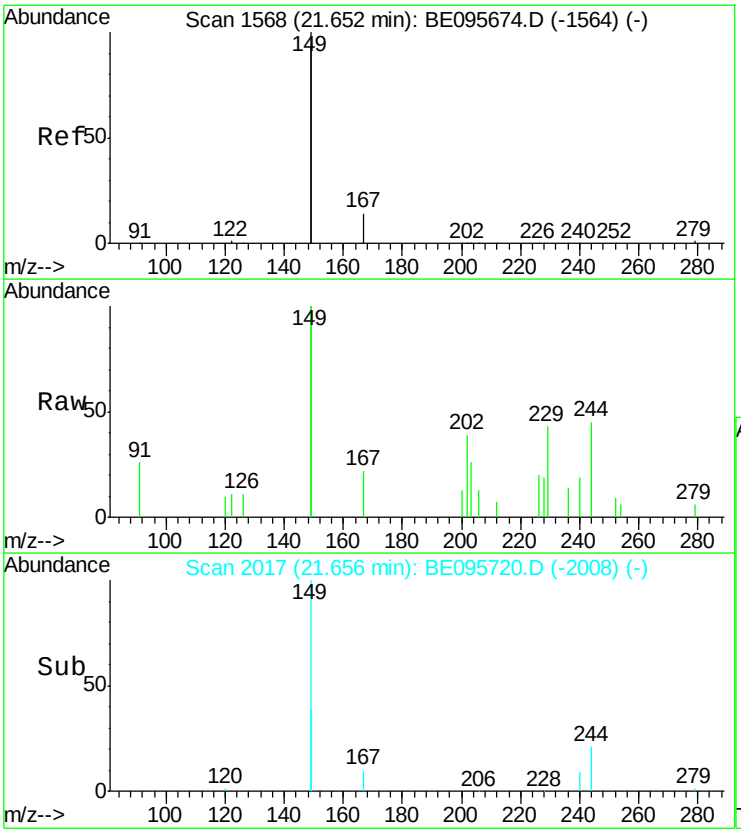
#31
Chrysene
Concen: 1.854 ng
RT: 21.84 min Scan# 2032
Delta R.T. -0.00 min
Lab File: BE095720.D
Acq: 7 Mar 2018 12:51

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:228 Resp: 45261

Ion	Ratio	Lower	Upper
228	100		
226	31.9	24.0	36.0
229	23.0	16.0	24.0

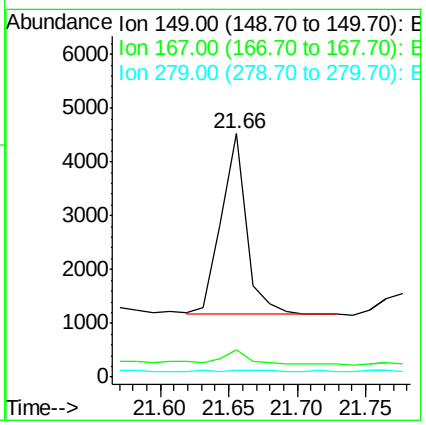


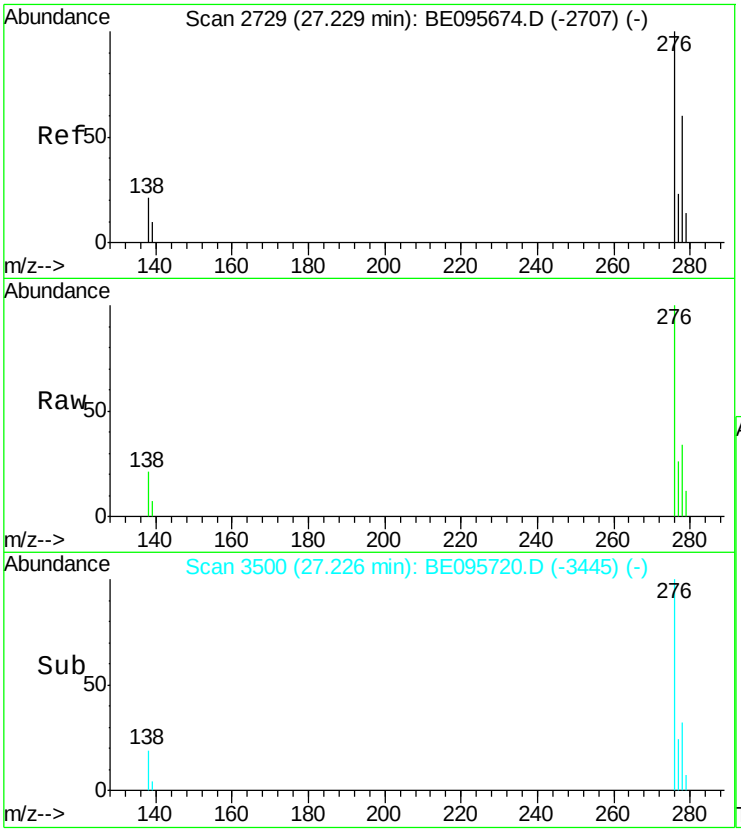


#32
Bis(2-ethylhexyl)phthalate
Concen: 0.098 ng
RT: 21.66 min Scan# 2017
Delta R.T. 0.00 min
Lab File: BE095720.D
Acq: 7 Mar 2018 12:51

Tgt Ion:149 Resp: 4246

Ion	Ratio	Lower	Upper
149	100		
167	7.4	5.4	8.0
279	1.4	0.7	1.1#



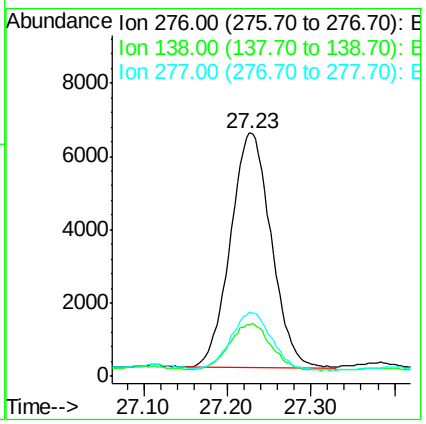


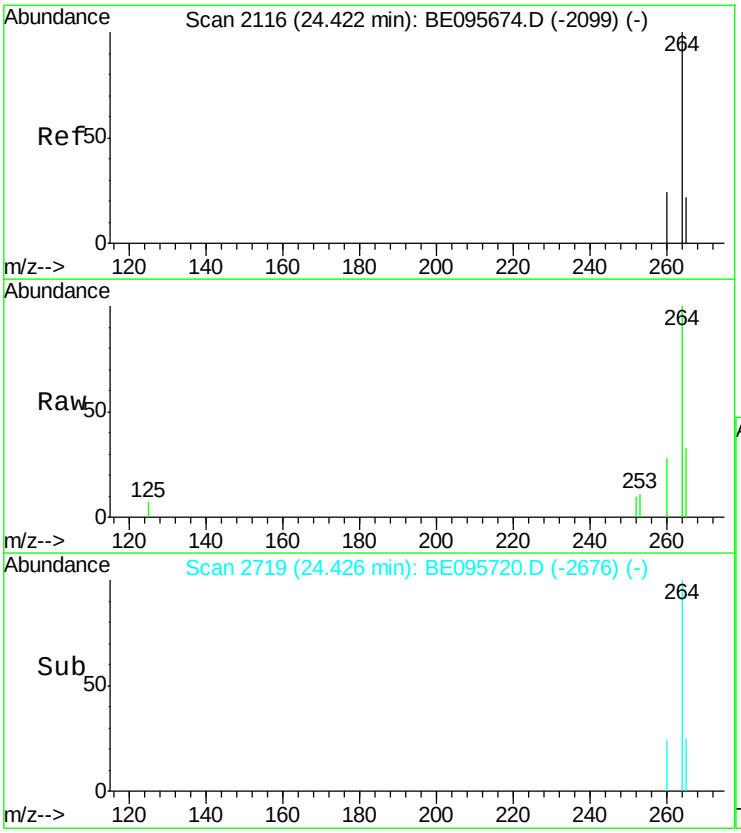
#33
Indeno(1,2,3-cd)pyrene
Concen: 0.915 ng
RT: 27.23 min Scan# 3500
Delta R.T. -0.00 min
Lab File: BE095720.D
Acq: 7 Mar 2018 12:51

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:276 Resp: 21632

Ion	Ratio	Lower	Upper
276	100		
138	20.6	22.5	33.7#
277	24.8	19.9	29.9

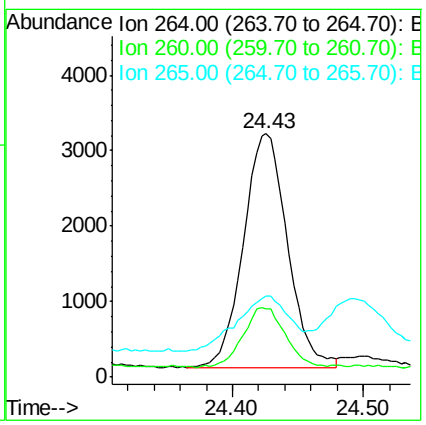


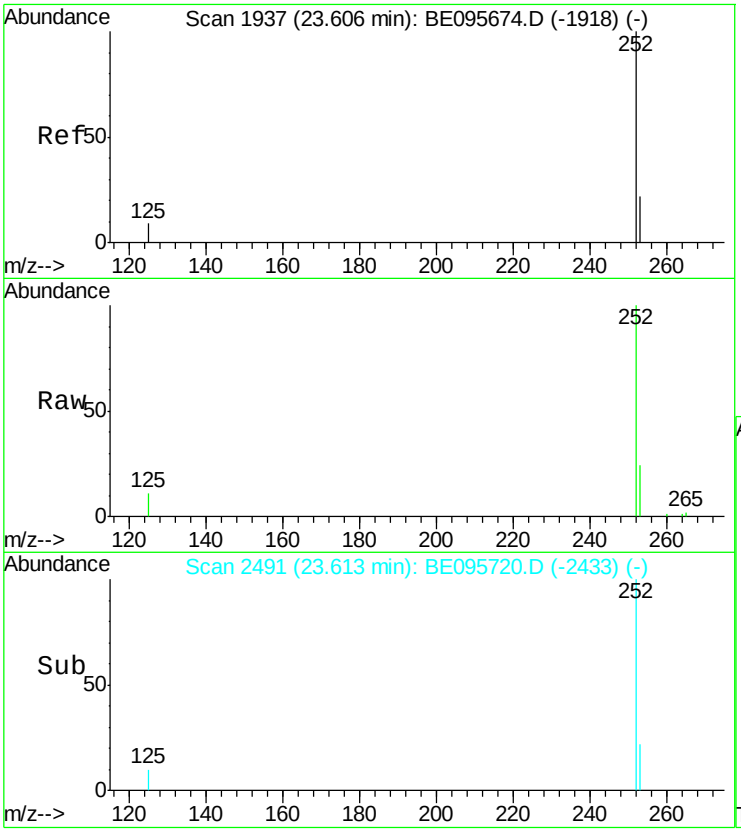


#34
Perylene-d12
Concen: 0.400 ng
RT: 24.43 min Scan# 2719
Delta R.T. 0.00 min
Lab File: BE095720.D
Acq: 7 Mar 2018 12:51

Tgt Ion:264 Resp: 7250

Ion	Ratio	Lower	Upper
264	100		
260	27.9	20.5	30.7
265	33.3	22.8	34.2



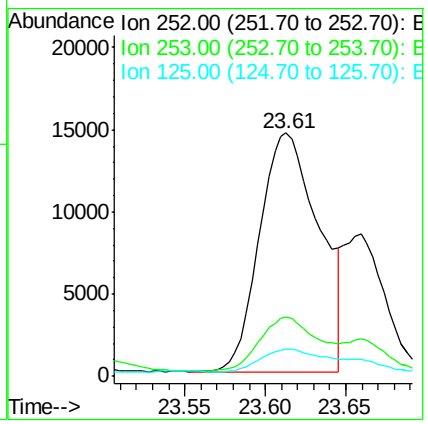


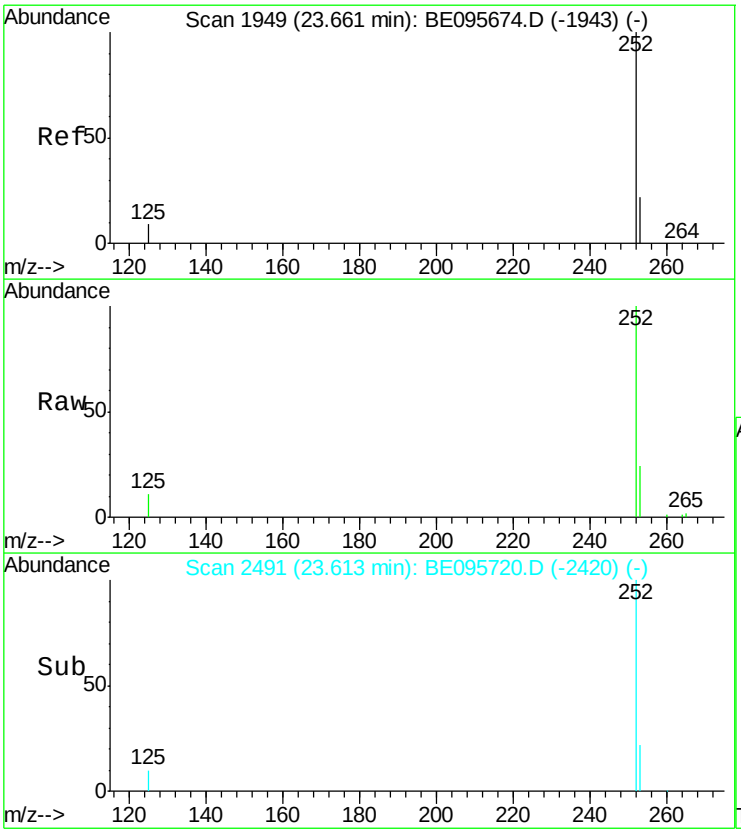
#35
Benzo(b)fluoranthene
Concen: 1.450 ng
RT: 23.61 min Scan# 2491
Delta R.T. 0.01 min
Lab File: BE095720.D
Acq: 7 Mar 2018 12:51

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:252 Resp: 37452

Ion	Ratio	Lower	Upper
252	100		
253	24.5	20.0	30.0
125	11.4	16.0	24.0#

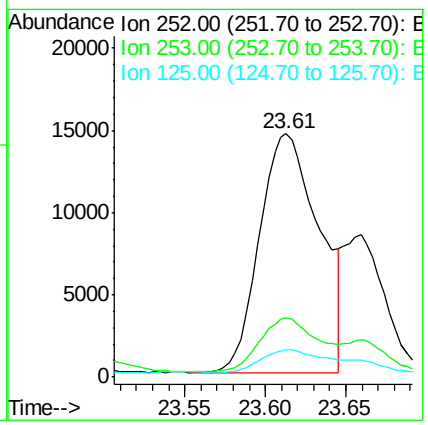


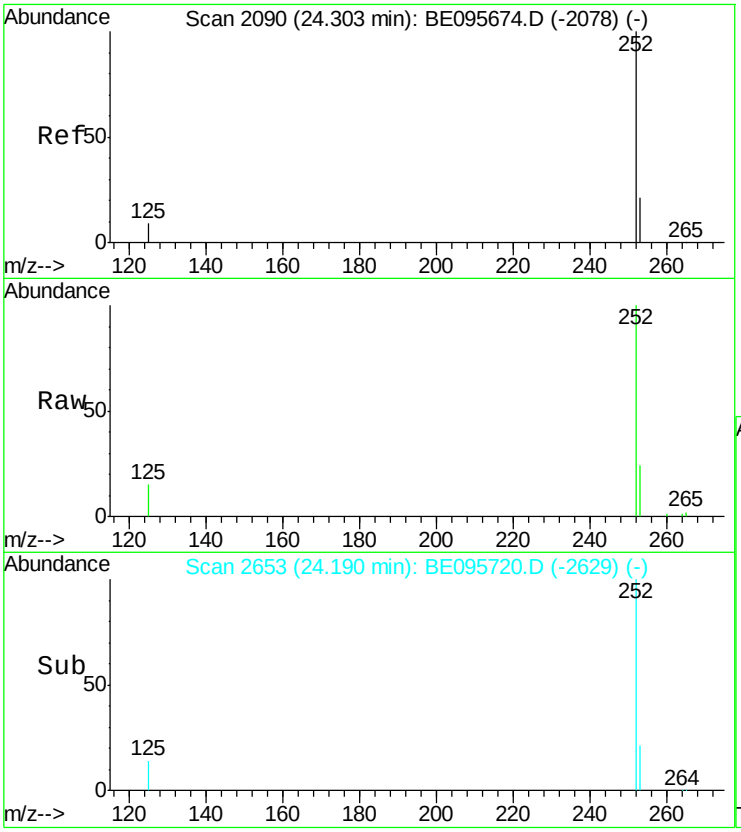


#36
Benzo(k)fluoranthene
Concen: 1.458 ng
RT: 23.61 min Scan# 2491
Delta R.T. -0.05 min
Lab File: BE095720.D
Acq: 7 Mar 2018 12:51

Tgt Ion:252 Resp: 37452

Ion	Ratio	Lower	Upper
252	100		
253	24.5	16.0	24.0#
125	11.4	8.0	12.0



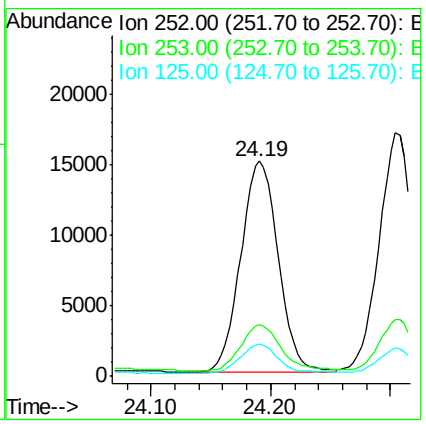


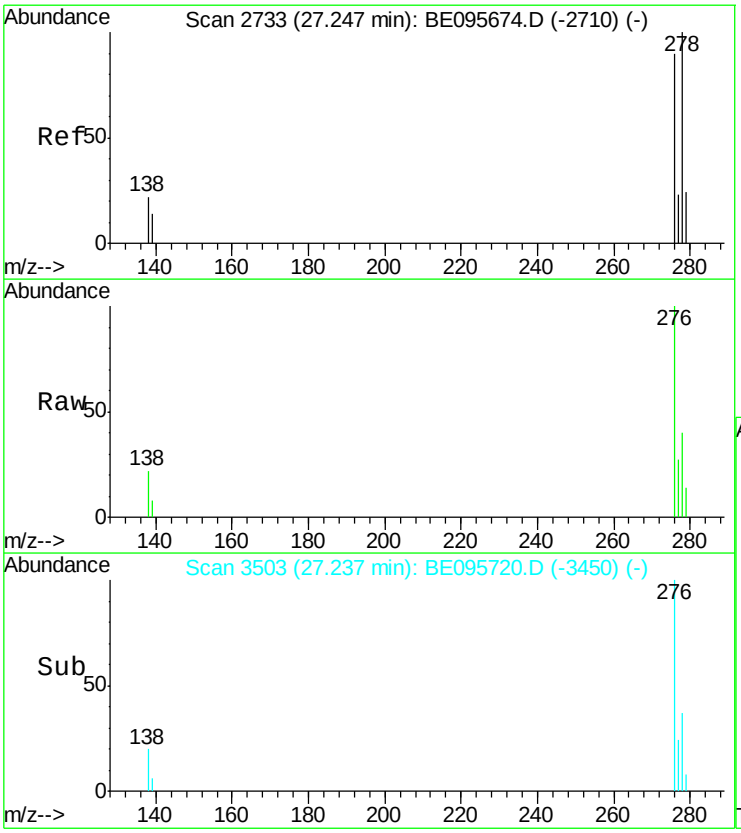
#37
Benzo(a)pyrene
Concen: 1.405 ng
RT: 24.19 min Scan# 2653
Delta R.T. -0.11 min
Lab File: BE095720.D
Acq: 7 Mar 2018 12:51

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:252 Resp: 32698

Ion	Ratio	Lower	Upper
252	100		
253	23.8	16.0	24.0
125	14.9	12.0	18.0

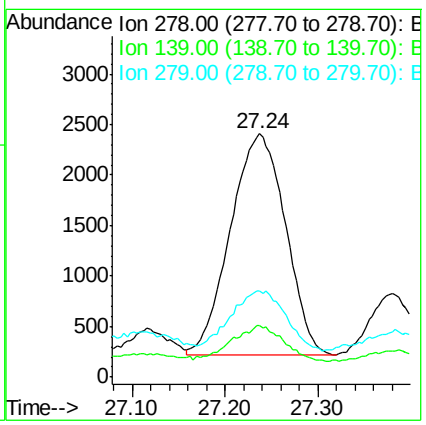


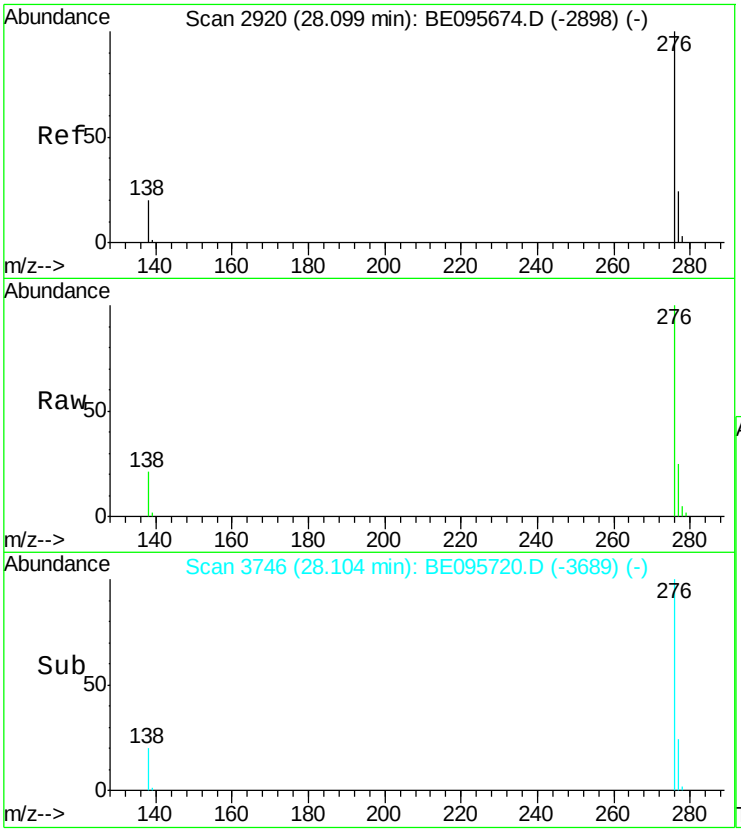


#38
Dibenzo(a,h)anthracene
Concen: 0.434 ng
RT: 27.24 min Scan# 3503
Delta R.T. -0.01 min
Lab File: BE095720.D
Acq: 7 Mar 2018 12:51

Tgt Ion:278 Resp: 8994

Ion	Ratio	Lower	Upper
278	100		
139	21.1	16.0	24.0
279	35.5	20.0	30.0#





#39
Benzo(g,h,i)perylene
Concen: 1.433 ng
RT: 28.10 min Scan# 3746
Delta R.T. 0.00 min
Lab File: BE095720.D
Acq: 7 Mar 2018 12:51

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:276 Resp: 31810

Ion	Ratio	Lower	Upper
276	100		
277	25.1	16.0	24.0#
138	21.3	20.0	30.0