Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA E\DATA\BE030618\
Data File : BE095712.D
Acq On : 6 Mar 2018 23:58
Operator : SJ/JU
Sample : J1811-08 20X
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument : BNA_E
ClientSampleId :

Quant Time: Mar 07 01:13:33 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	5812	0.40	ng		0.00
13) Acenaphthene-d10	15.00	164	3435	0.40	ng		0.00
19) Phenanthrene-d10	17.71	188	7842	0.40	ng		0.00
27) Chrysene-d12	21.80	240	7962	0.40	ng		0.01
34) Perylene-d12	24.42	264	7382	0.40	ng		0.00
System Monitoring Compounds							
4) 2-Fluorophenol	5.92	112	35	0.01	ng		0.00
5) Phenol-d6	7.56	99	43	0.01	ng		0.00
8) Nitrobenzene-d5	9.61	82	71	0.01	ng		0.00
11) 2-Methylnaphthalene-d10	12.80	152	124	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	176	0.01	ng		0.00
25) Fluoranthene-d10	19.69	212	904	0.01	ng		0.00
29) Terphenyl-d14	20.24	244	206	0.01	ng		0.00
Target Compounds							Qvalue
9) Naphthalene	11.31	128	2502	0.037	ng	#	93
12) 2-Methylnaphthalene	12.88	142	684	0.059	ng	#	94
16) Acenaphthylene	14.73	152	1889	0.098	ng	#	95
17) Acenaphthene	15.06	154	743	0.061	ng	#	90
18) Fluorene	16.03	166	2526	0.168	ng	#	77
22) Pentachlorophenol	17.35	266	3	0.180	ng		93
23) Phenanthrene	17.74	178	46663	1.904	ng		98
24) Anthracene	17.84	178	12992	0.577	ng		94
26) Fluoranthene	19.72	202	78550	2.604	ng	#	97
28) Pyrene	20.06	202	89366	2.745	ng		97
30) Benzo(a)anthracene	21.78	228	46914	1.806	ng		97
31) Chrysene	21.84	228	35989	1.393	ng		96
33) Indeno(1,2,3-cd)pyrene	27.23	276	13027	0.520	ng	#	92
35) Benzo(b)fluoranthene	23.61	252	35866	1.364	ng	#	89
36) Benzo(k)fluoranthene	23.61	252	35866	1.371	ng		95
37) Benzo(a)pyrene	24.31	252	26469	1.117	ng	#	91
38) Dibenzo(a,h)anthracene	27.24	278	4513	0.214	ng	#	91
39) Benzo(g,h,i)perylene	28.10	276	11294	0.500	ng	#	91

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

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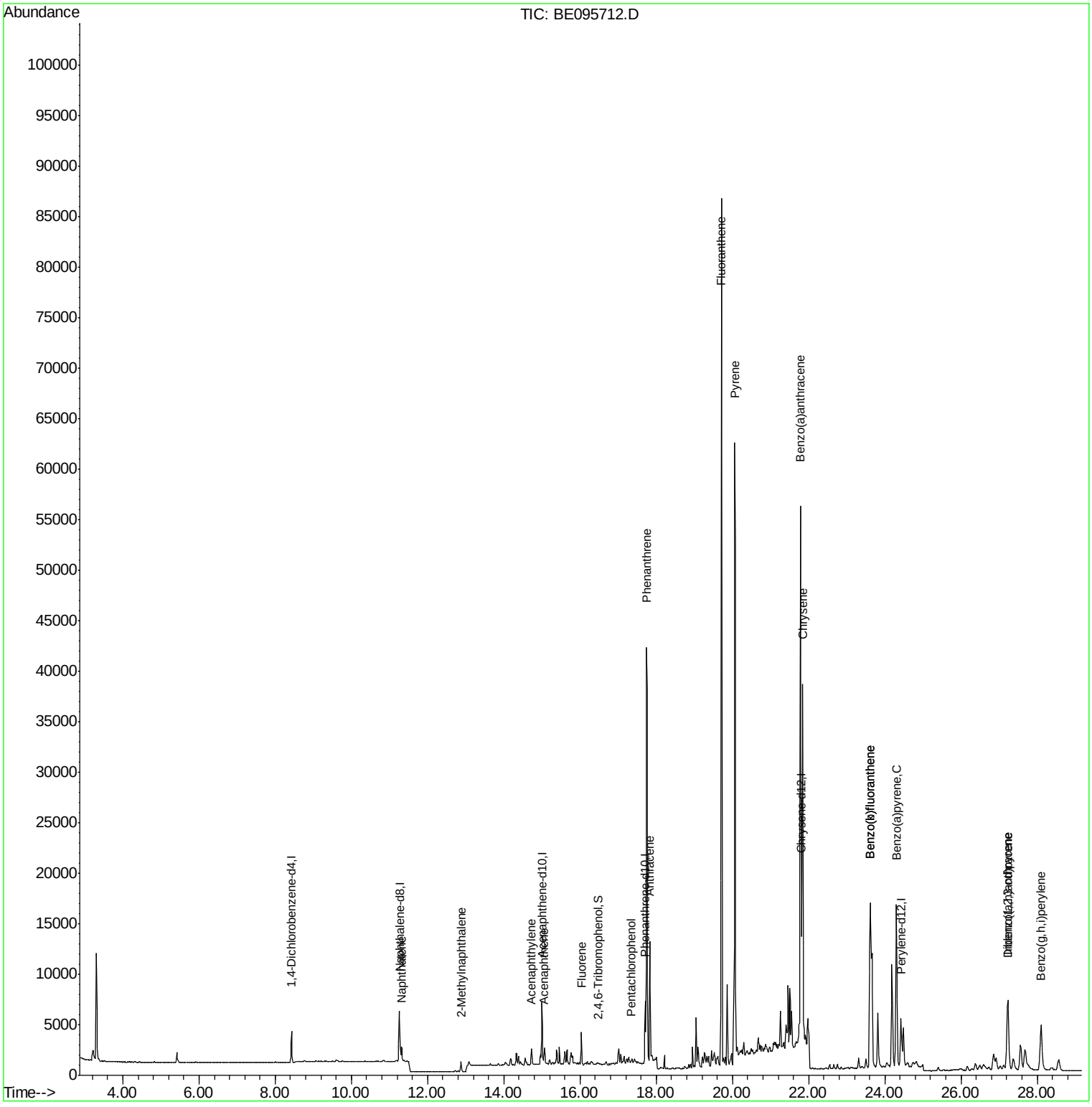
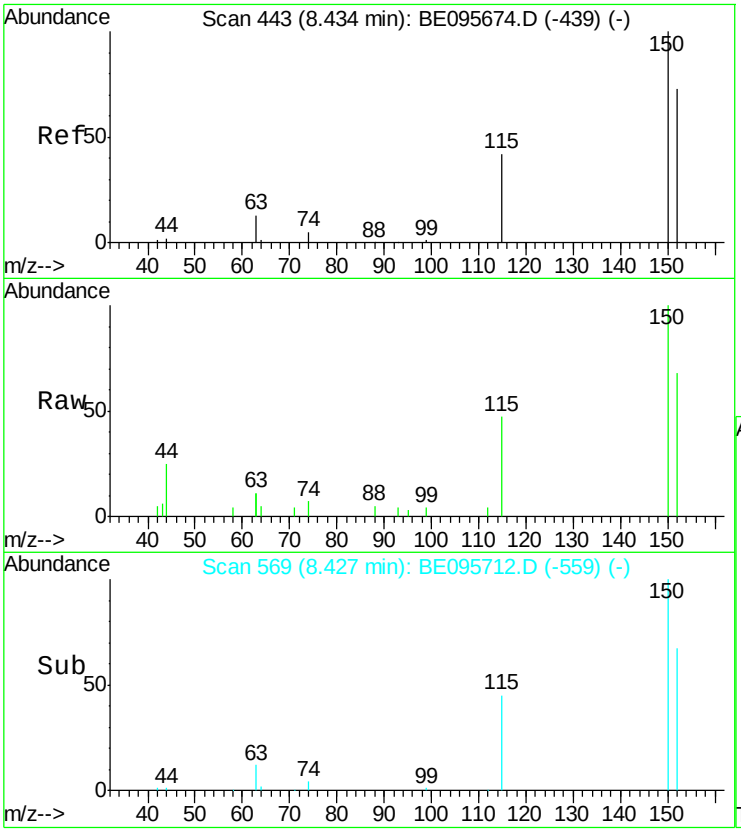
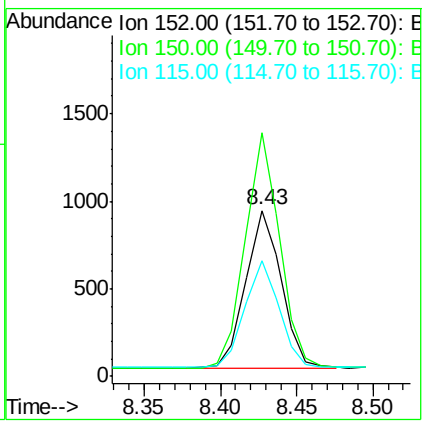




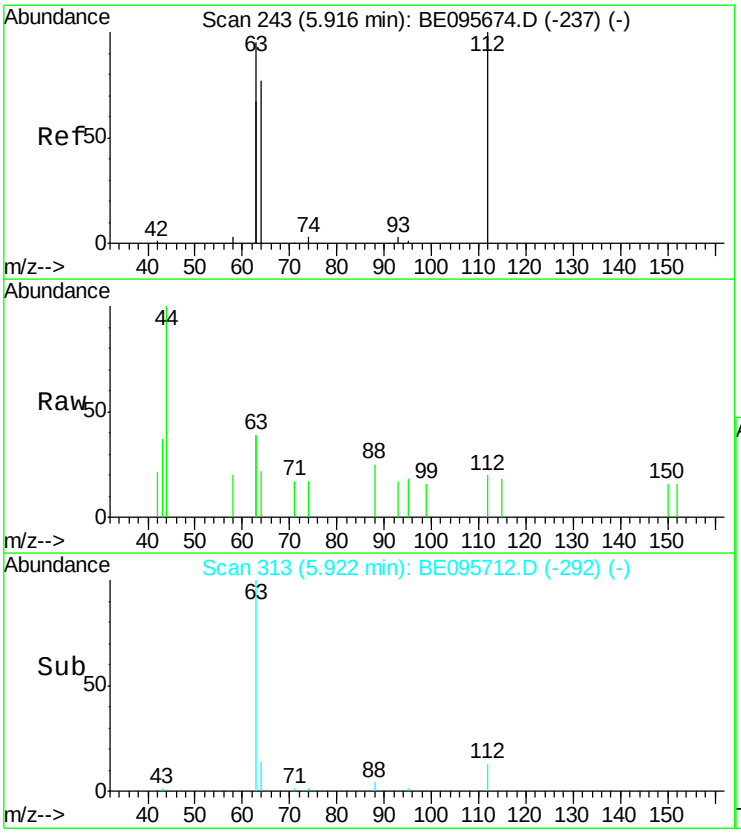
#1
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 8.43 min Scan# 569
Delta R.T. -0.01 min
Lab File: BE095712.D
Acq: 6 Mar 2018 23:58

Tgt Ion:152 Resp: 1454

Ion	Ratio	Lower	Upper
152	100		
150	146.7	117.2	175.8
115	69.4	57.0	85.6



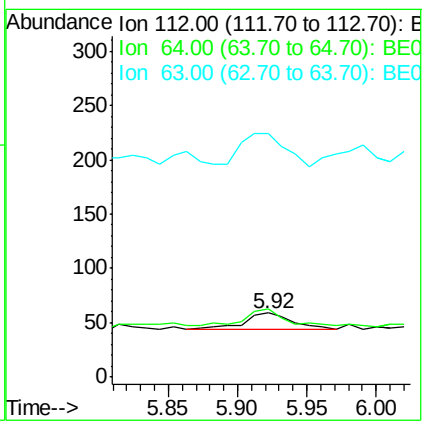
Instrument :
BNA_E
ClientSampleId :

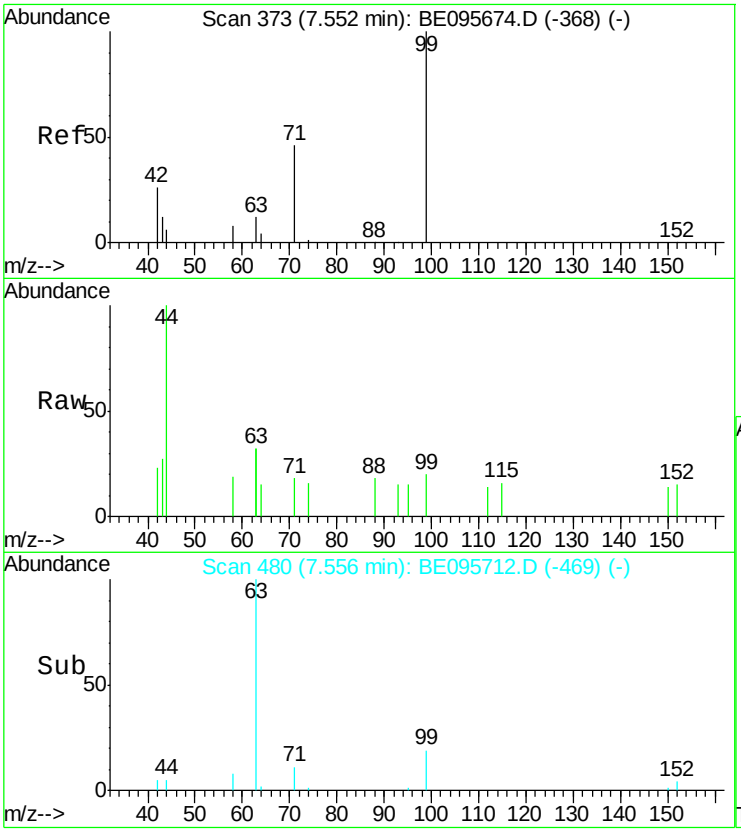


#4
2-Fluorophenol
Concen: 0.009 ng
RT: 5.92 min Scan# 313
Delta R.T. 0.01 min
Lab File: BE095712.D
Acq: 6 Mar 2018 23:58

Tgt Ion:112 Resp: 35

Ion	Ratio	Lower	Upper
112	100		
64	120.0	60.1	90.1#
63	188.6	116.8	175.2#



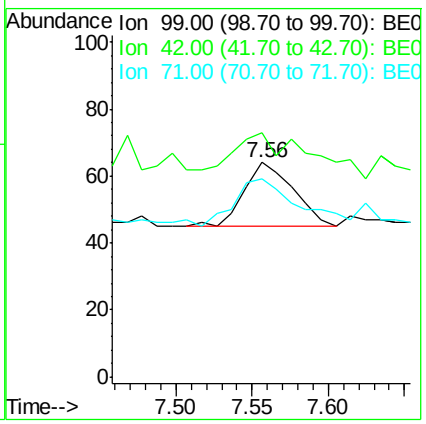


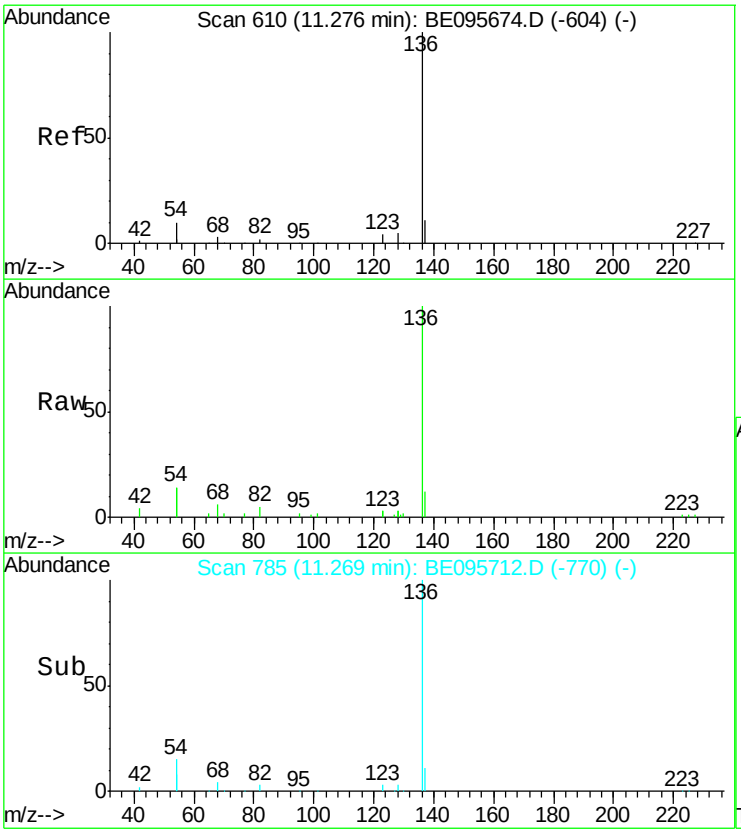
#5
Phenol-d6
Concen: 0.008 ng
RT: 7.56 min Scan# 480
Delta R.T. 0.00 min
Lab File: BE095712.D
Acq: 6 Mar 2018 23:58

Instrument :
BNA_E
ClientSampleId :

Tgt Ion: 99 Resp: 43

Ion	Ratio	Lower	Upper
99	100		
42	67.4	20.2	30.2#
71	81.4	28.4	42.6#

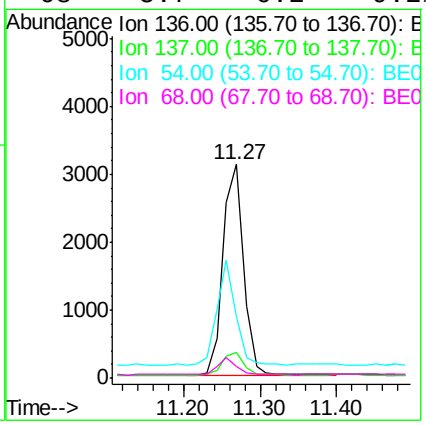


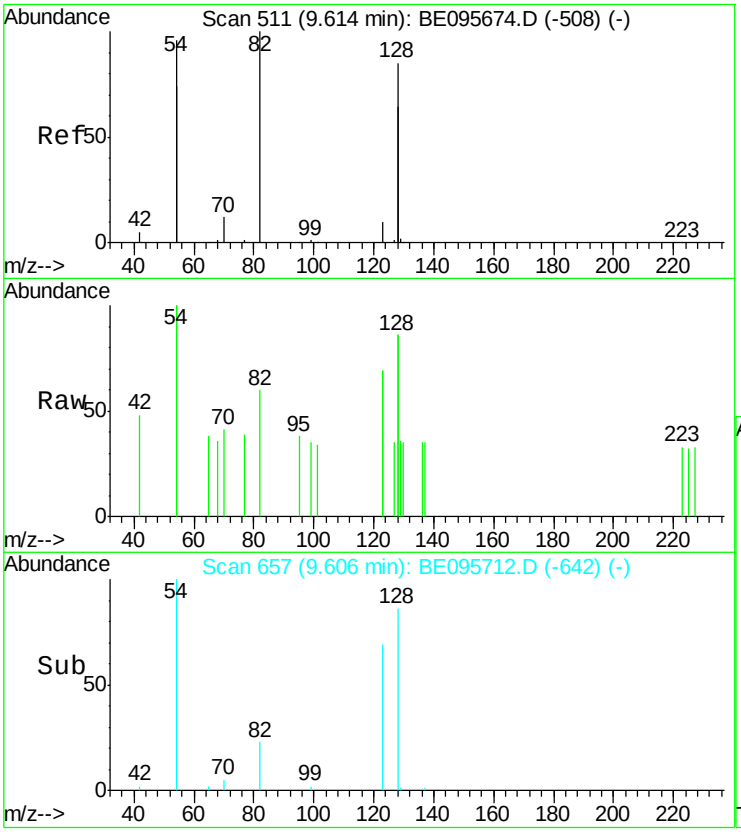


#7
Naphthalene-d8
Concen: 0.400 ng
RT: 11.27 min Scan# 785
Delta R.T. -0.01 min
Lab File: BE095712.D
Acq: 6 Mar 2018 23:58

Tgt Ion:136 Resp: 5812

Ion	Ratio	Lower	Upper
136	100		
137	12.2	9.5	14.3
54	28.7	29.1	43.7#
68	5.7	6.2	9.2#



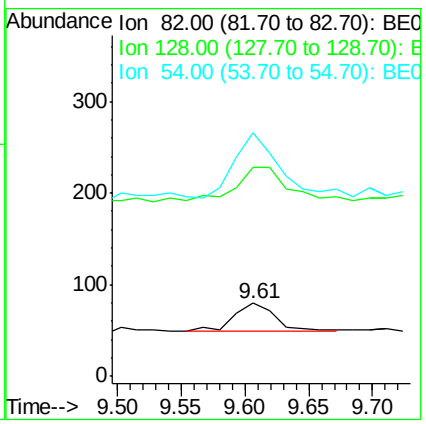


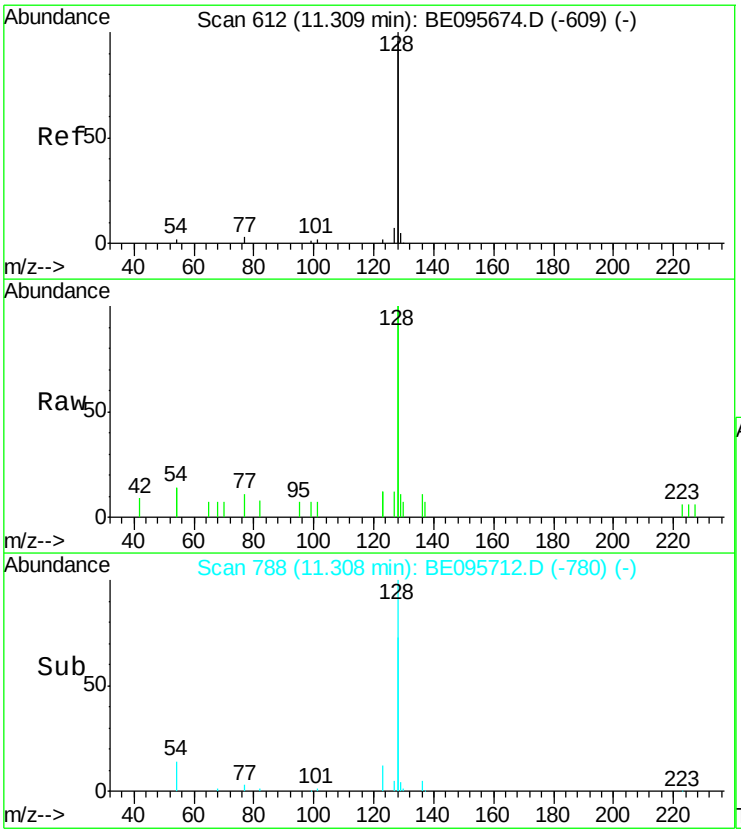
#8
Nitrobenzene-d5
Concen: 0.012 ng
RT: 9.61 min Scan# 657
Delta R.T. -0.01 min
Lab File: BE095712.D
Acq: 6 Mar 2018 23:58

Instrument :
BNA_E
ClientSampleId :

Tgt Ion: 82 Resp: 71

Ion	Ratio	Lower	Upper
82	100		
128	285.0	150.0	225.0#
54	332.5	154.2	231.4#

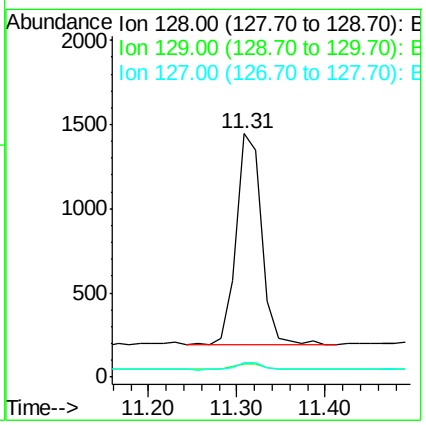


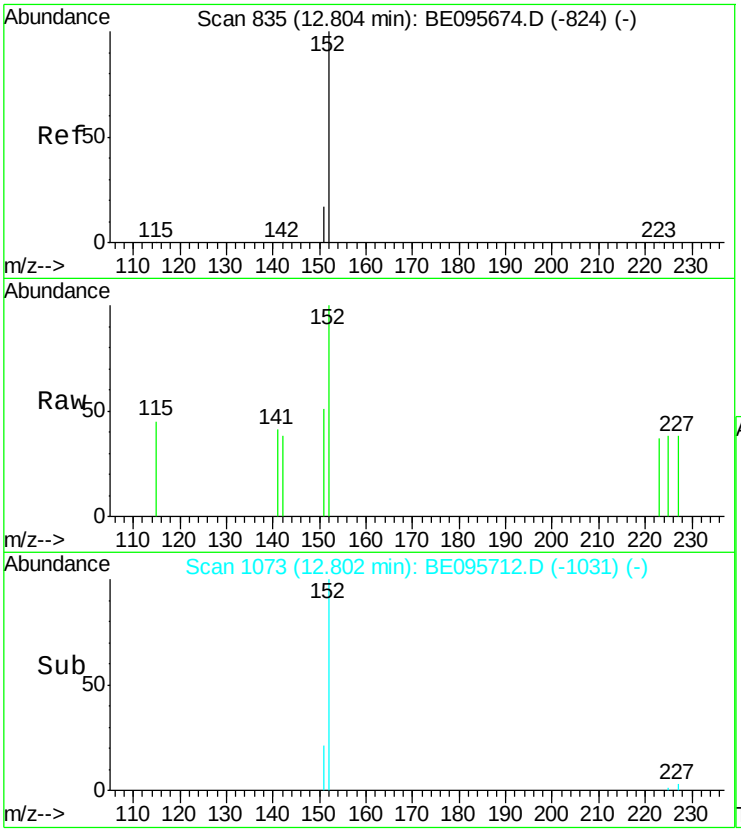


#9
Naphthalene
Concen: 0.037 ng
RT: 11.31 min Scan# 788
Delta R.T. -0.00 min
Lab File: BE095712.D
Acq: 6 Mar 2018 23:58

Tgt Ion:128 Resp: 2502

Ion	Ratio	Lower	Upper
128	100		
129	5.5	2.6	3.8#
127	5.9	2.8	4.2#



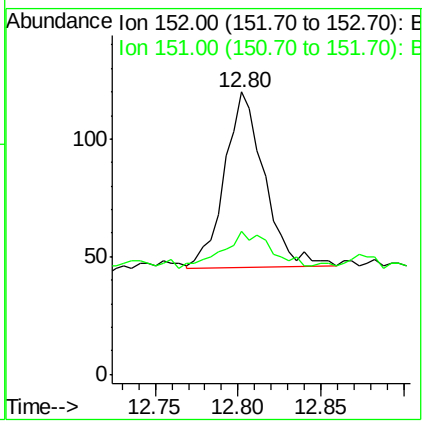


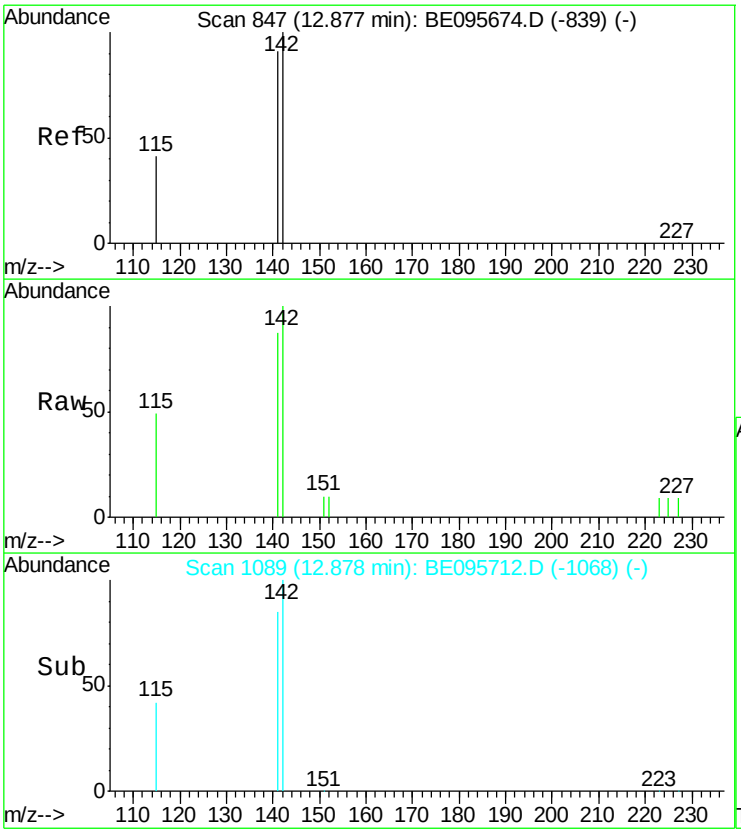
#11
2-Methylnaphthalene-d10
Concen: 0.013 ng
RT: 12.80 min Scan# 1073
Delta R.T. -0.00 min
Lab File: BE095712.D
Acq: 6 Mar 2018 23:58

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:152 Resp: 124

Ion	Ratio	Lower	Upper
152	100		
151	29.8	15.4	23.0#

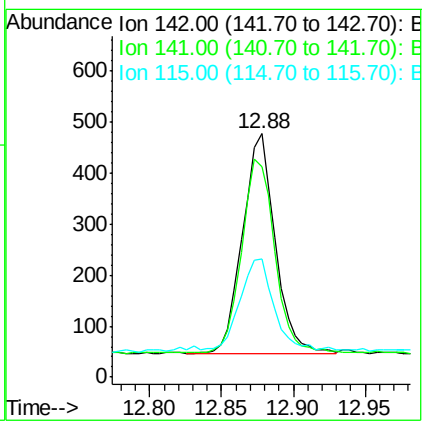


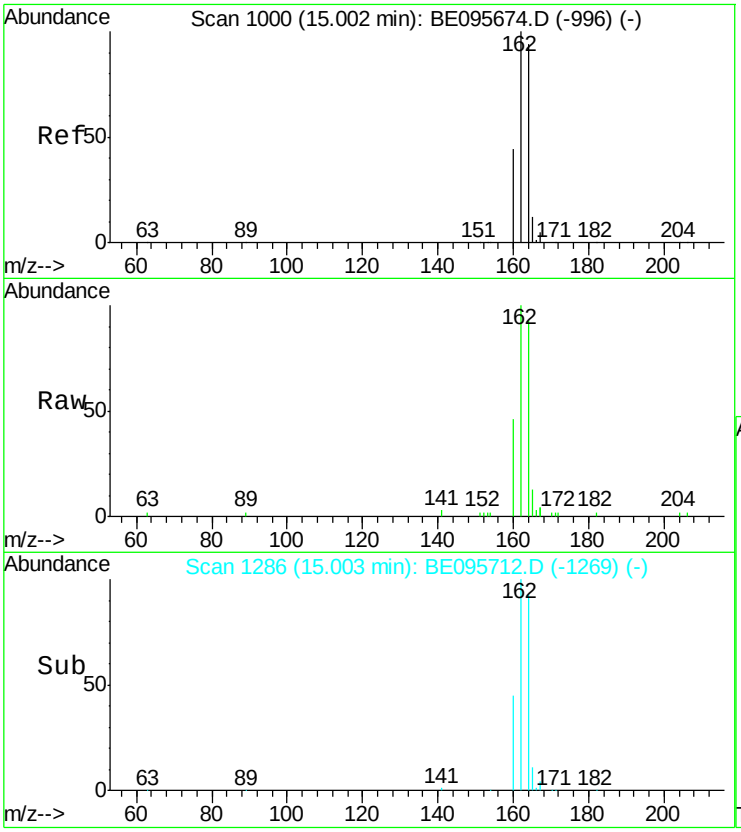


#12
2-Methylnaphthalene
Concen: 0.059 ng
RT: 12.88 min Scan# 1089
Delta R.T. 0.00 min
Lab File: BE095712.D
Acq: 6 Mar 2018 23:58

Tgt Ion:142 Resp: 684

Ion	Ratio	Lower	Upper
142	100		
141	86.6	70.4	105.6
115	48.8	31.7	47.5#



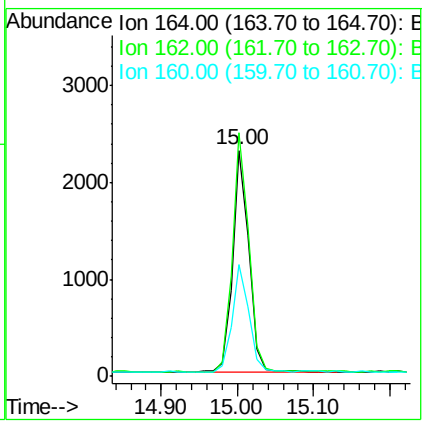


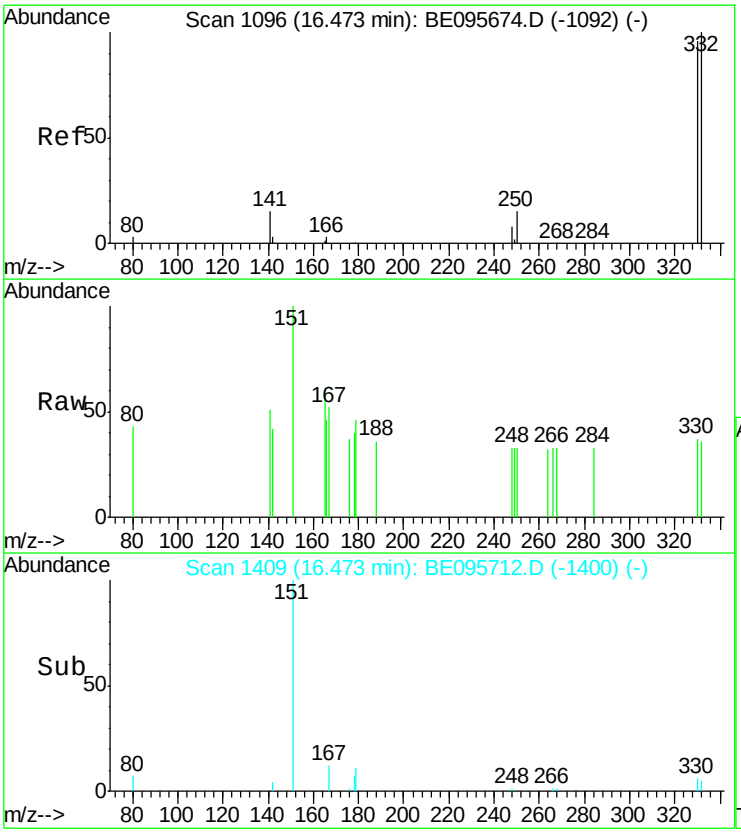
#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 15.00 min Scan# 1286
Delta R.T. 0.00 min
Lab File: BE095712.D
Acq: 6 Mar 2018 23:58

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:164 Resp: 3435

Ion	Ratio	Lower	Upper
164	100		
162	107.9	83.1	124.7
160	49.6	37.1	55.7

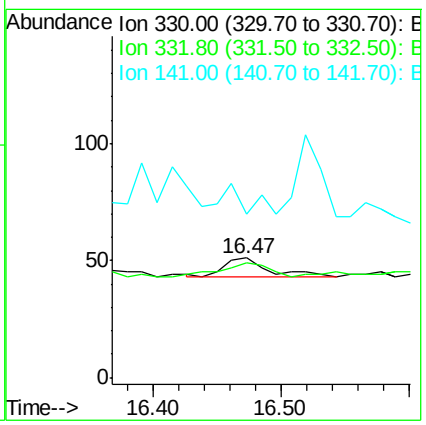


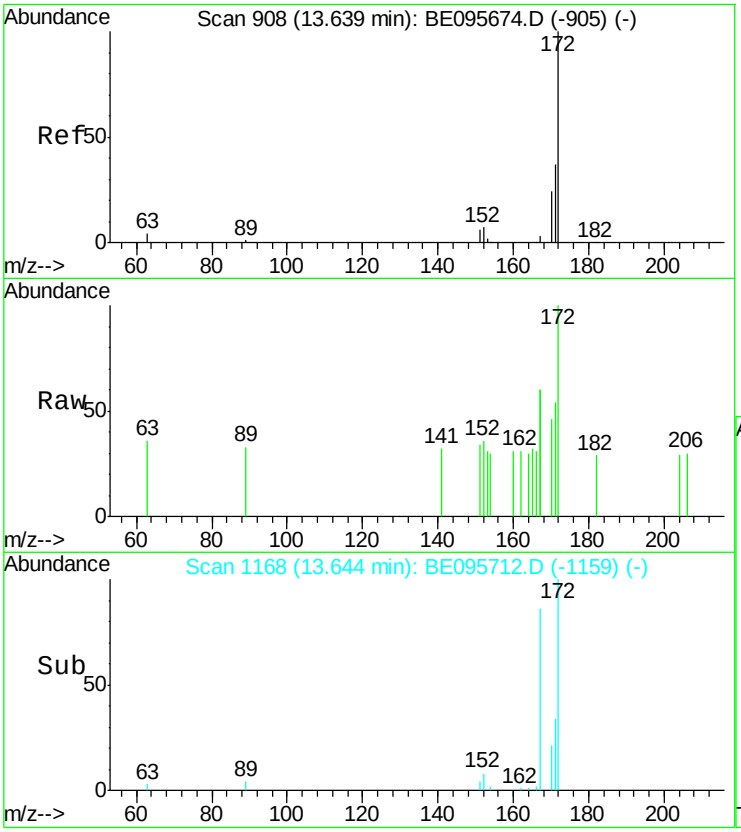


#14
2,4,6-Tribromophenol
Concen: 0.127 ng
RT: 16.47 min Scan# 1409
Delta R.T. -0.00 min
Lab File: BE095712.D
Acq: 6 Mar 2018 23:58

Tgt Ion:330 Resp: 19

Ion	Ratio	Lower	Upper
330	100		
332	78.9	152.7	229.1#
141	78.9	33.7	50.5#



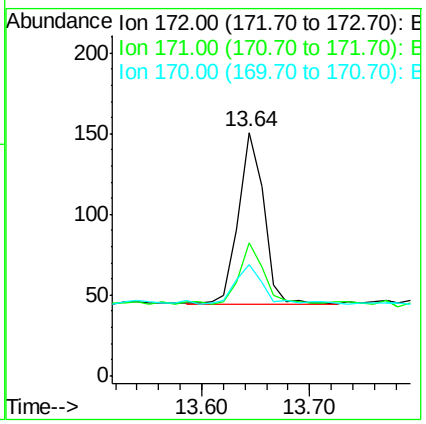


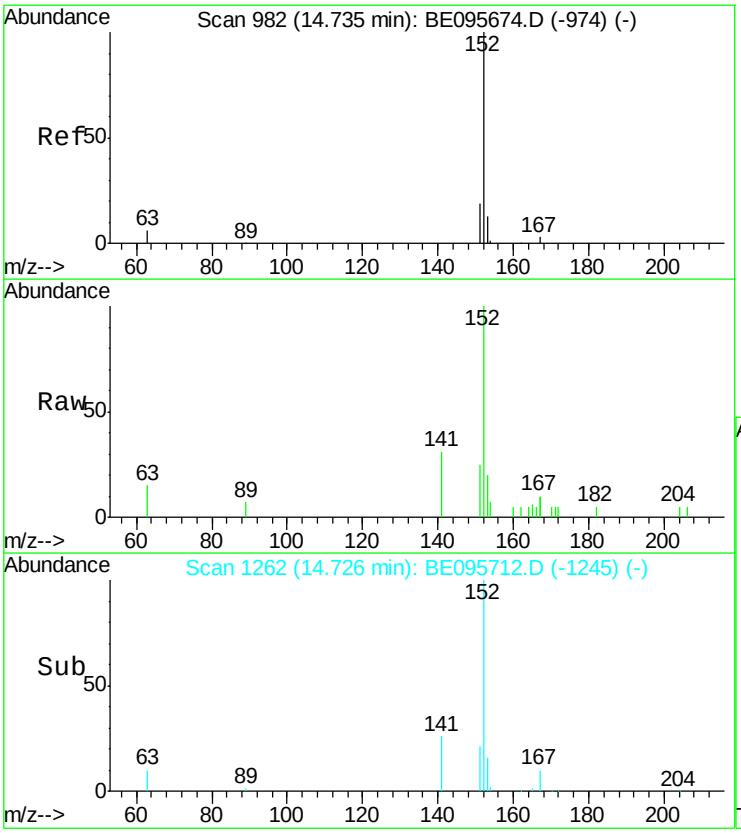
#15
2-Fluorobiphenyl
Concen: 0.011 ng
RT: 13.64 min Scan# 1168
Delta R.T. 0.00 min
Lab File: BE095712.D
Acq: 6 Mar 2018 23:58

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:172 Resp: 176

Ion	Ratio	Lower	Upper
172	100		
171	54.3	29.9	44.9#
170	45.7	21.8	32.8#

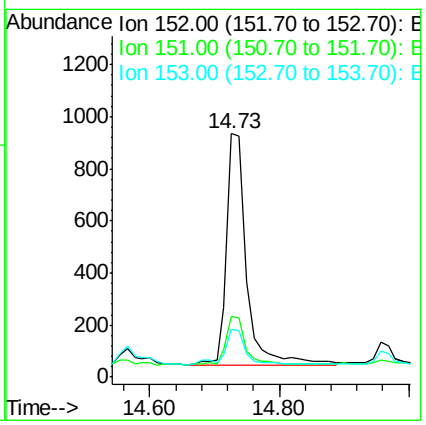


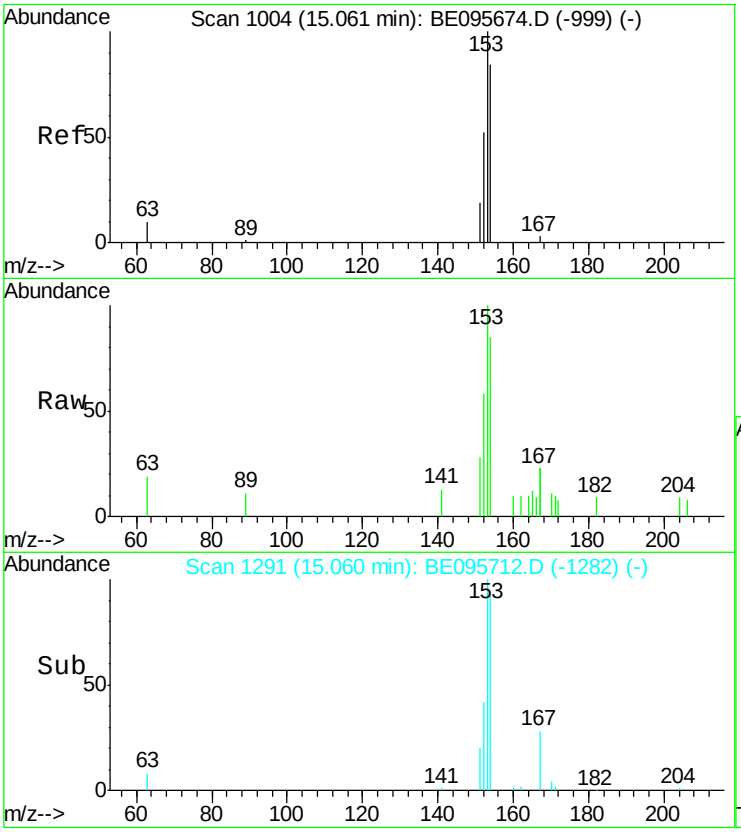


#16
Acenaphthylene
Concen: 0.098 ng
RT: 14.73 min Scan# 1262
Delta R.T. -0.01 min
Lab File: BE095712.D
Acq: 6 Mar 2018 23:58

Tgt Ion:152 Resp: 1889

Ion	Ratio	Lower	Upper
152	100		
151	21.3	15.7	23.5
153	15.9	10.5	15.7#



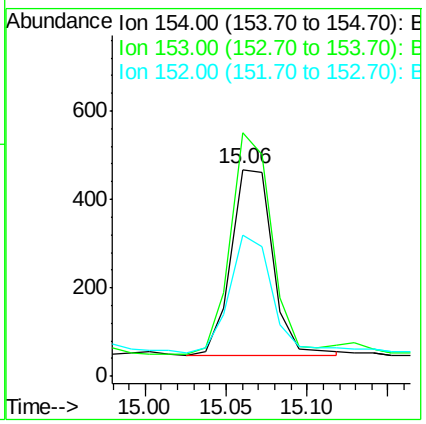


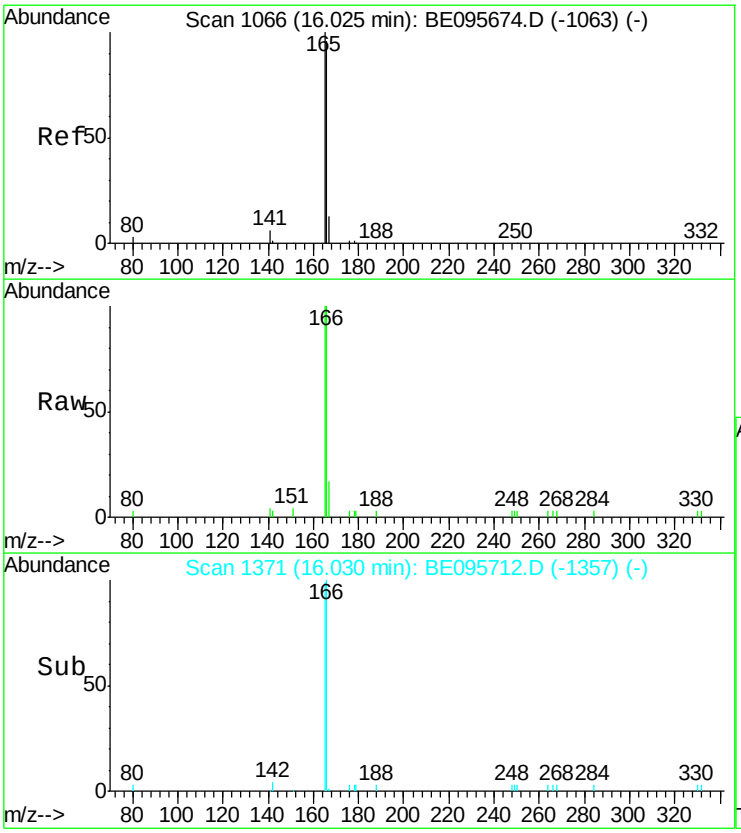
#17
Acenaphthene
Concen: 0.061 ng
RT: 15.06 min Scan# 1291
Delta R.T. -0.00 min
Lab File: BE095712.D
Acq: 6 Mar 2018 23:58

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:154 Resp: 743

Ion	Ratio	Lower	Upper
154	100		
153	118.3	89.2	133.8
152	64.7	42.0	63.0#

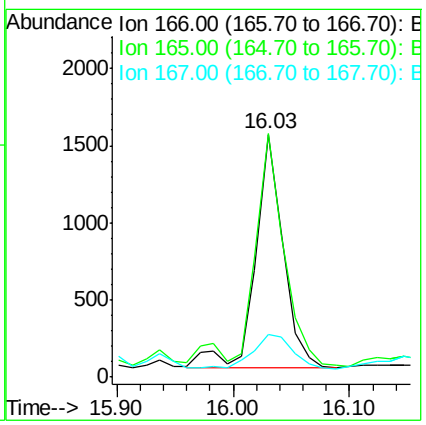


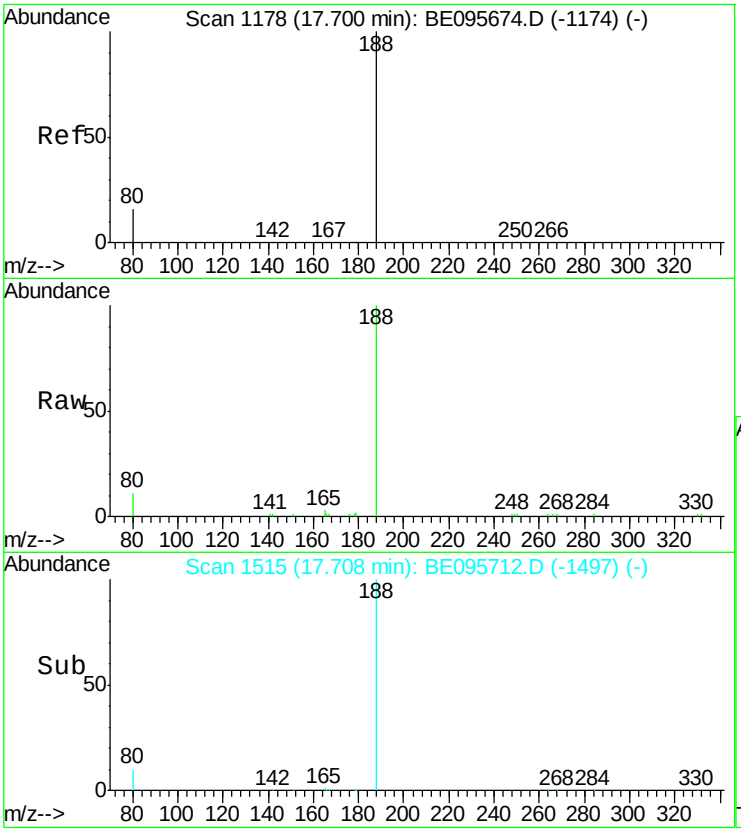


#18
Fluorene
Concen: 0.168 ng
RT: 16.03 min Scan# 1371
Delta R.T. 0.01 min
Lab File: BE095712.D
Acq: 6 Mar 2018 23:58

Tgt Ion:166 Resp: 2526

Ion	Ratio	Lower	Upper
166	100		
165	107.3	77.8	116.6
167	21.1	42.4	63.6#



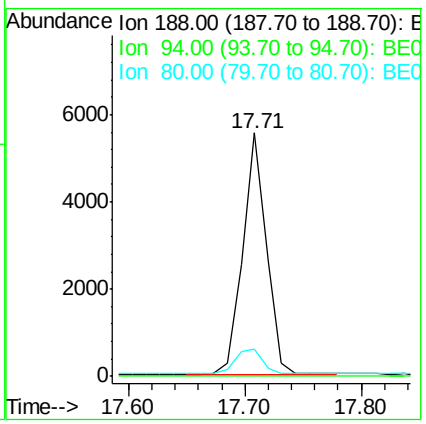


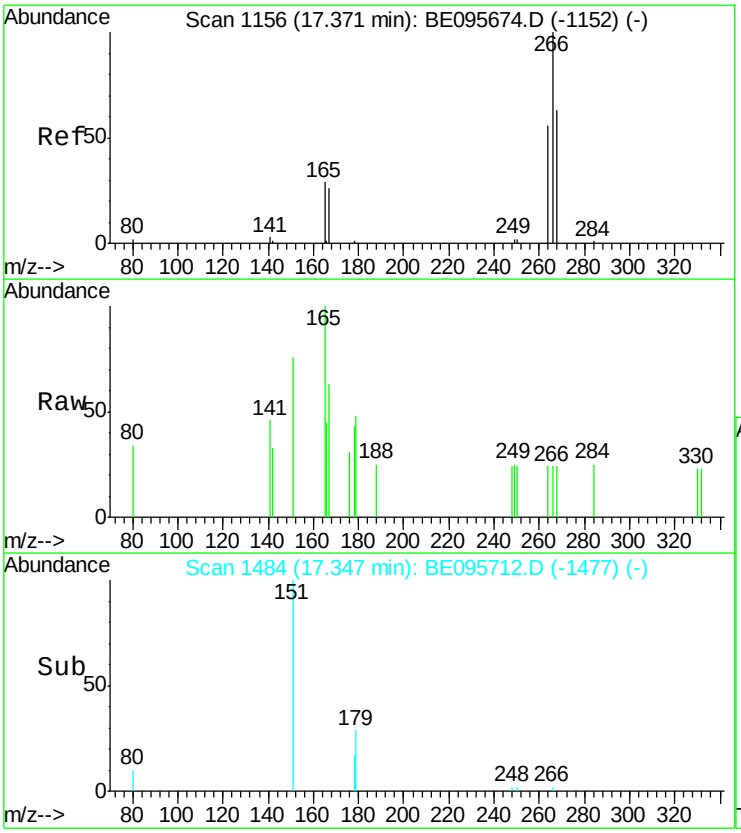
#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.71 min Scan# 1515
Delta R.T. 0.01 min
Lab File: BE095712.D
Acq: 6 Mar 2018 23:58

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:188 Resp: 7842

Ion	Ratio	Lower	Upper
188	100		
94	0.0	3.9	5.9#
80	11.0	3.6	5.4#

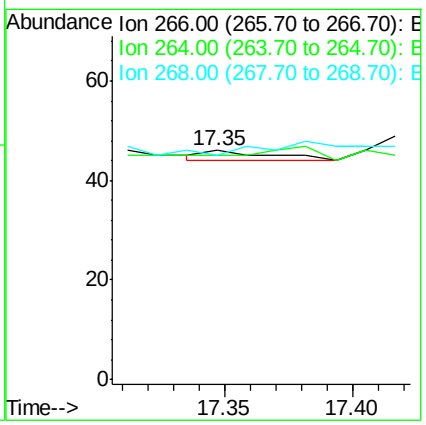


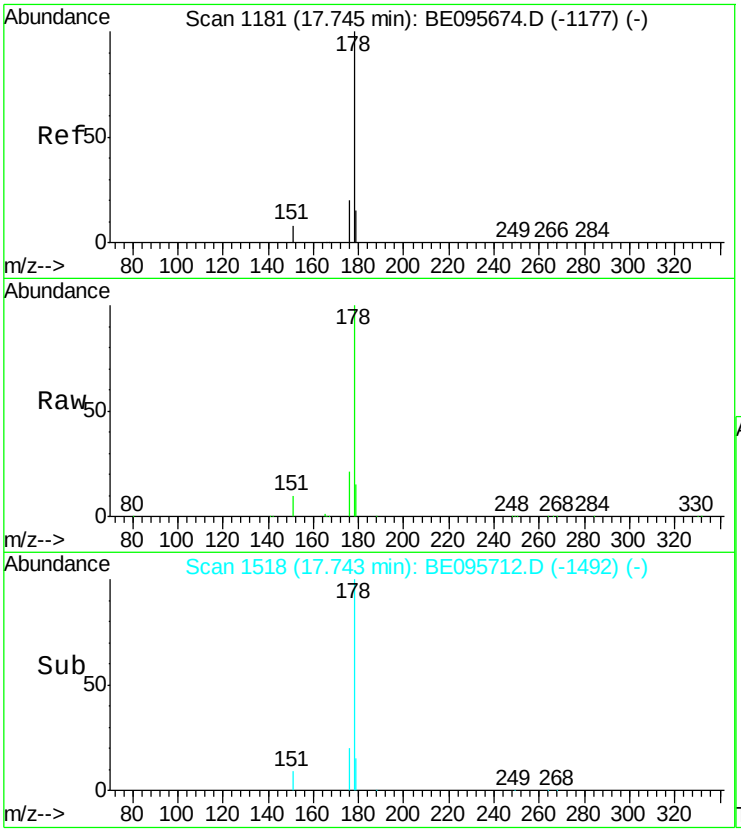


#22
Pentachlorophenol
Concen: 0.180 ng
RT: 17.35 min Scan# 1484
Delta R.T. -0.02 min
Lab File: BE095712.D
Acq: 6 Mar 2018 23:58

Tgt Ion:266 Resp: 3

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



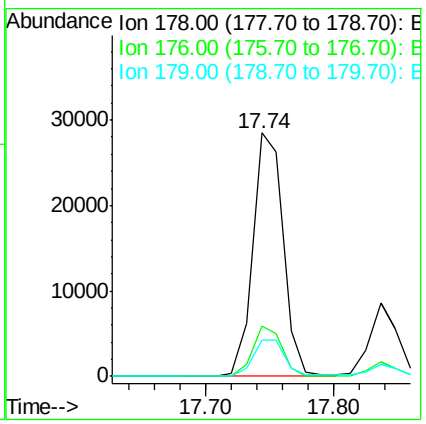


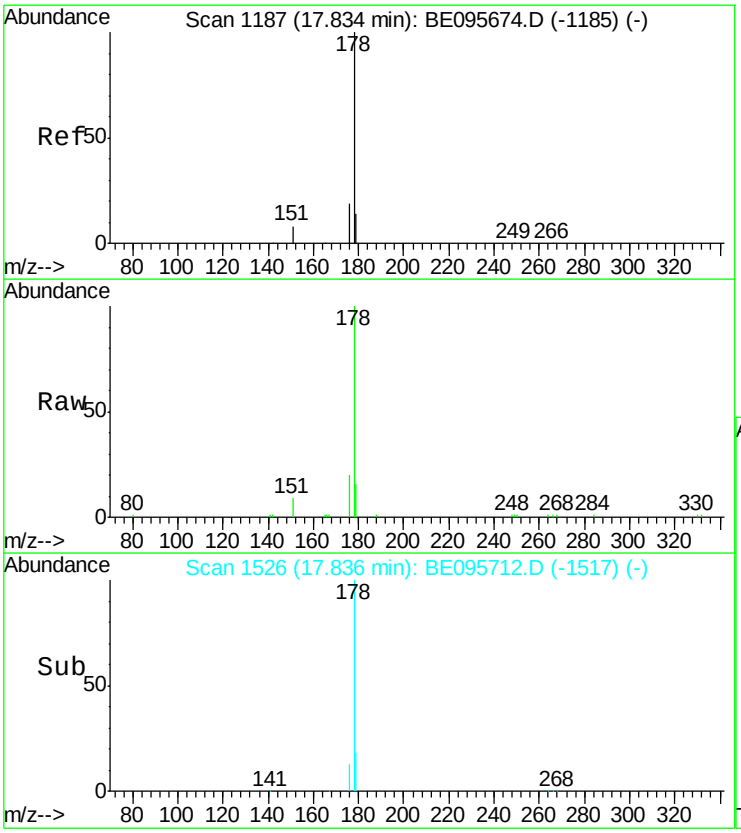
#23
Phenanthrene
Concen: 1.904 ng
RT: 17.74 min Scan# 1518
Delta R.T. -0.00 min
Lab File: BE095712.D
Acq: 6 Mar 2018 23:58

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:178 Resp: 46663

Ion	Ratio	Lower	Upper
178	100		
176	19.8	15.1	22.7
179	15.6	11.8	17.6

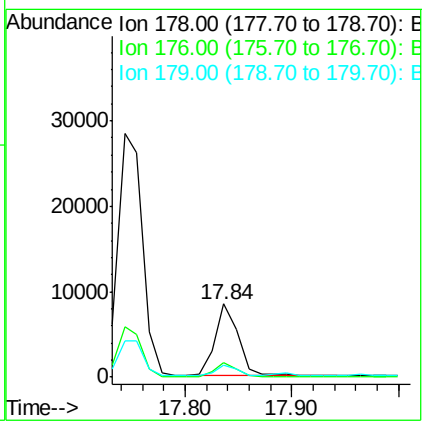


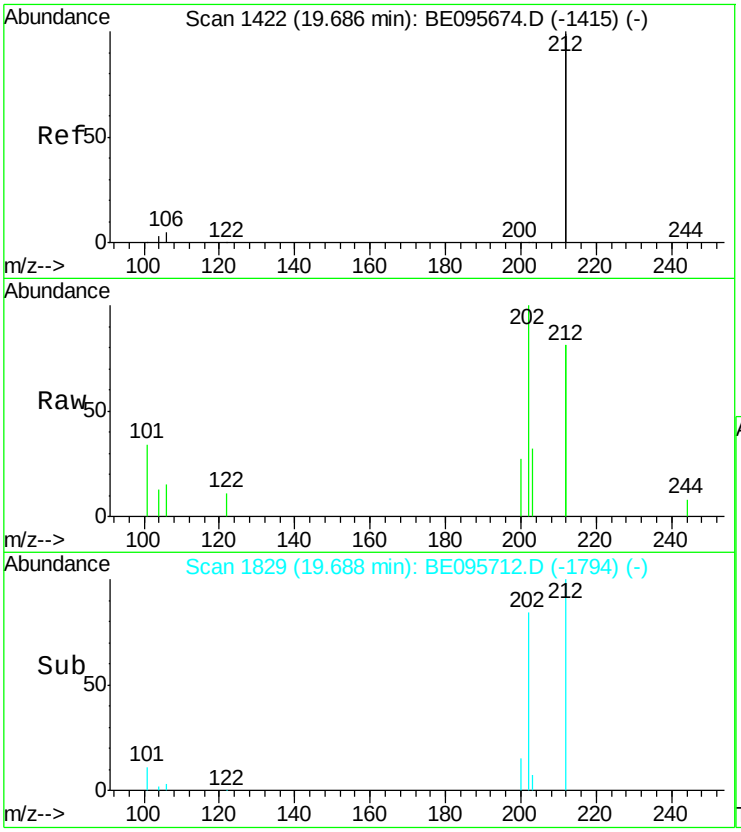


#24
Anthracene
Concen: 0.577 ng
RT: 17.84 min Scan# 1526
Delta R.T. 0.00 min
Lab File: BE095712.D
Acq: 6 Mar 2018 23:58

Tgt Ion:178 Resp: 12992

Ion	Ratio	Lower	Upper
178	100		
176	18.9	12.8	19.2
179	14.2	13.0	19.6



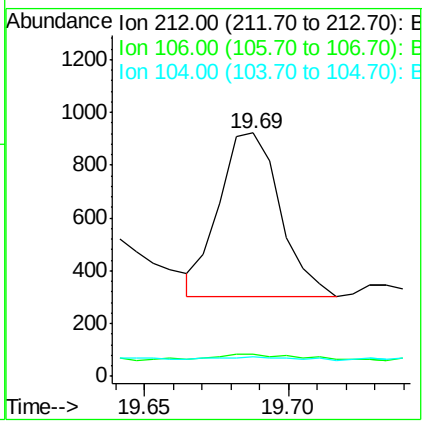


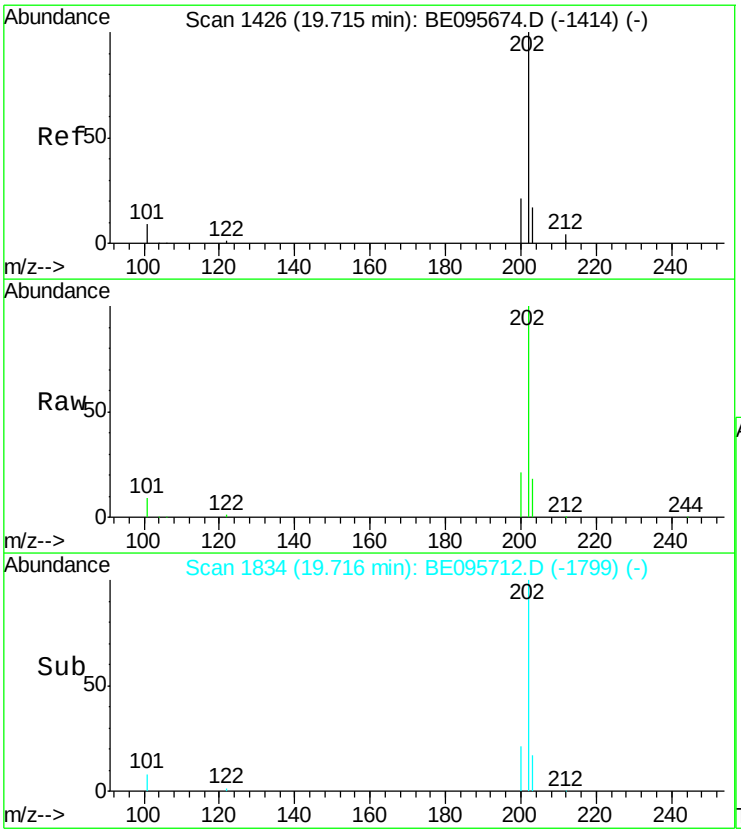
#25
Fluoranthene-d10
Concen: 0.009 ng
RT: 19.69 min Scan# 1829
Delta R.T. 0.00 min
Lab File: BE095712.D
Acq: 6 Mar 2018 23:58

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:212 Resp: 904

Ion	Ratio	Lower	Upper
212	100		
106	5.0	2.8	4.2#
104	2.9	1.6	2.4#

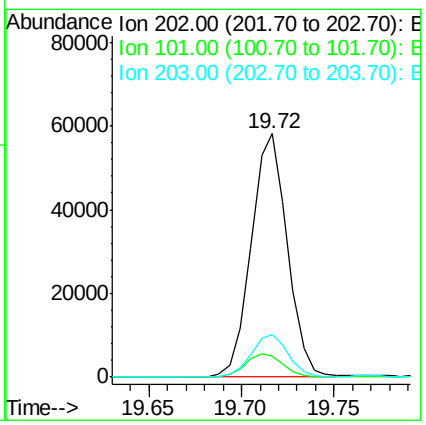


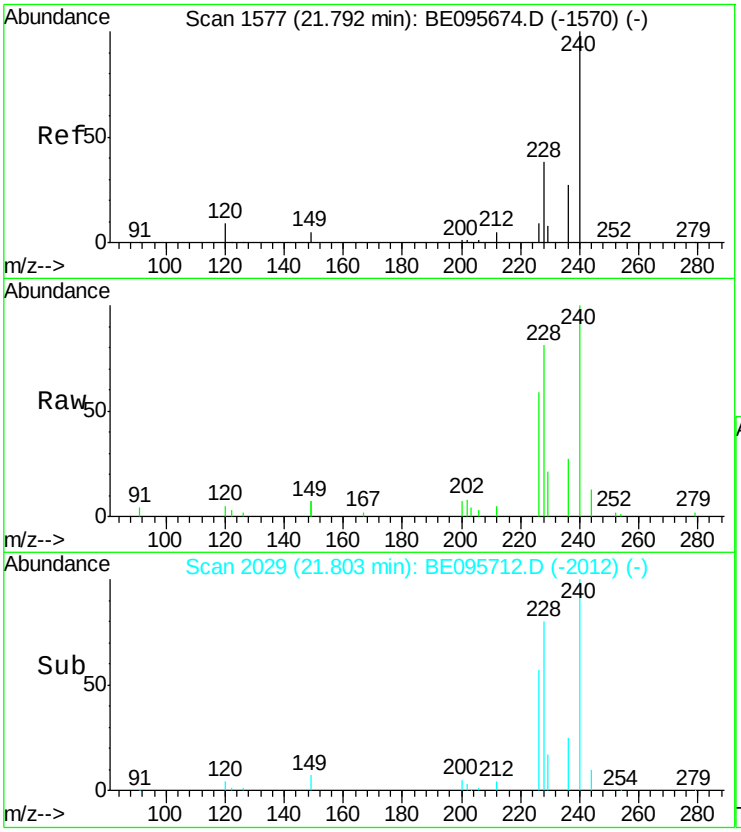


#26
Fluoranthene
Concen: 2.604 ng
RT: 19.72 min Scan# 1834
Delta R.T. 0.00 min
Lab File: BE095712.D
Acq: 6 Mar 2018 23:58

Tgt Ion:202 Resp: 78550

Ion	Ratio	Lower	Upper
202	100		
101	9.8	9.8	14.8#
203	17.6	13.7	20.5



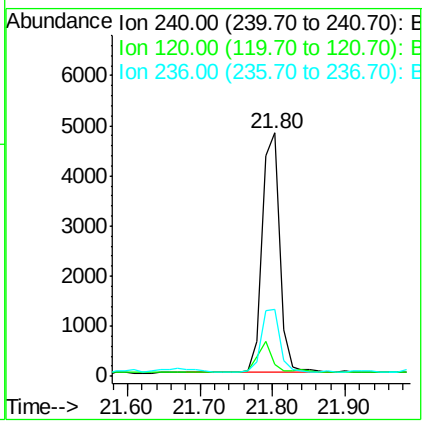


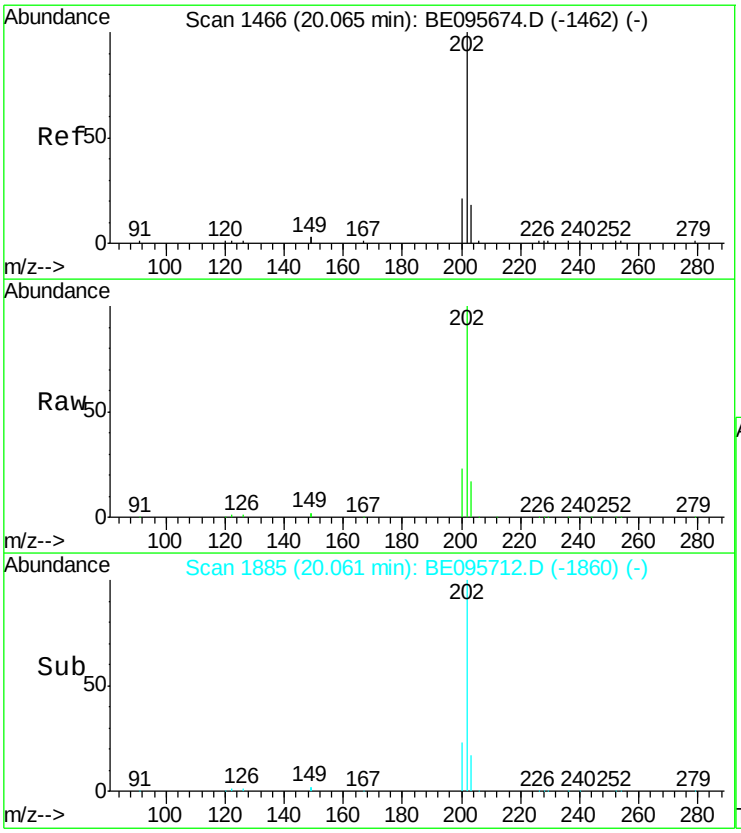
#27
Chrysene-d12
Concen: 0.400 ng
RT: 21.80 min Scan# 2029
Delta R.T. 0.01 min
Lab File: BE095712.D
Acq: 6 Mar 2018 23:58

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:240 Resp: 7962

Ion	Ratio	Lower	Upper
240	100		
120	5.1	5.5	8.3#
236	27.5	20.7	31.1

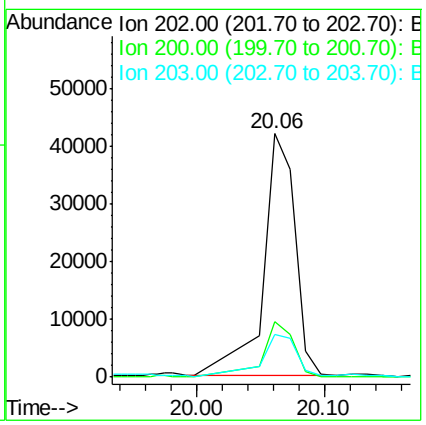


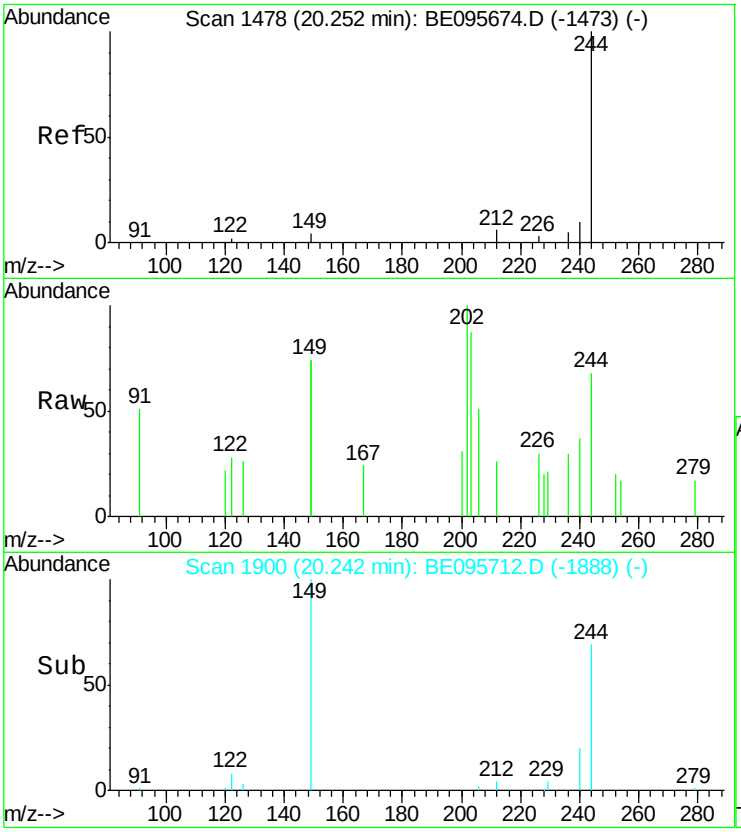


#28
Pyrene
Concen: 2.745 ng
RT: 20.06 min Scan# 1885
Delta R.T. -0.00 min
Lab File: BE095712.D
Acq: 6 Mar 2018 23:58

Tgt Ion:202 Resp: 89366

Ion	Ratio	Lower	Upper
202	100		
200	19.6	16.6	25.0
203	18.6	13.8	20.8



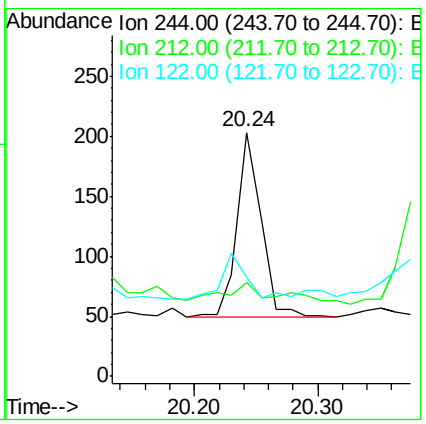


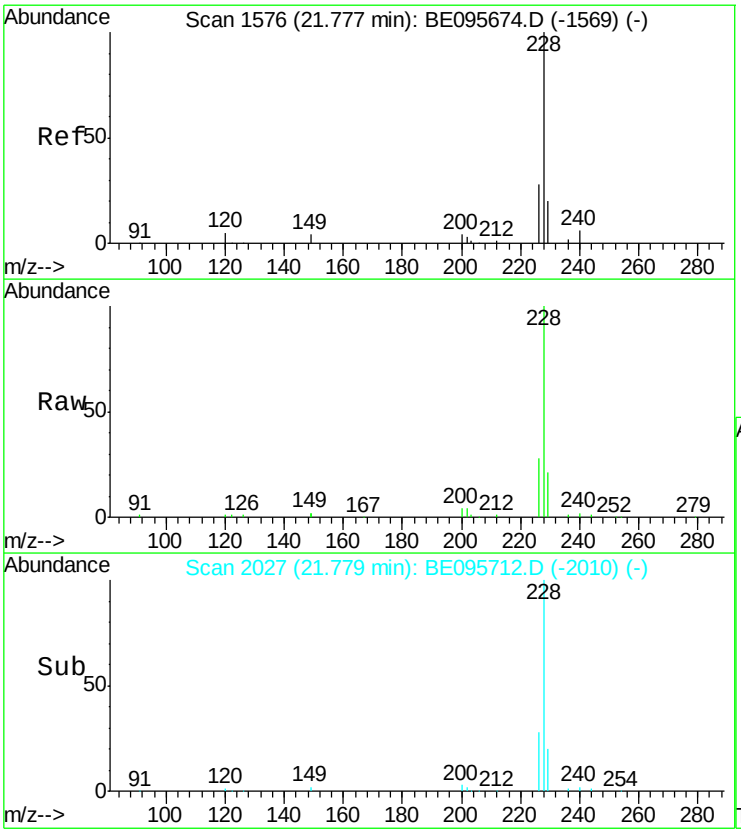
#29
Terphenyl-d14
Concen: 0.013 ng
RT: 20.24 min Scan# 1900
Delta R.T. -0.01 min
Lab File: BE095712.D
Acq: 6 Mar 2018 23:58

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:244 Resp: 206

Ion	Ratio	Lower	Upper
244	100		
212	38.4	25.4	38.0#
122	40.9	8.1	12.1#

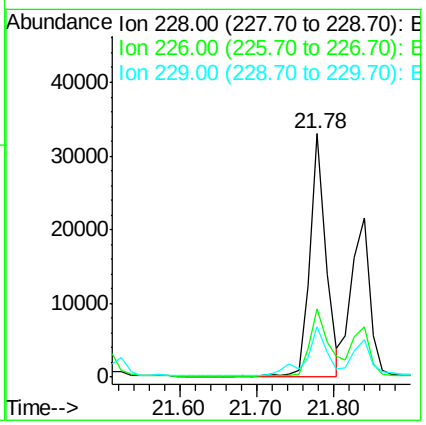


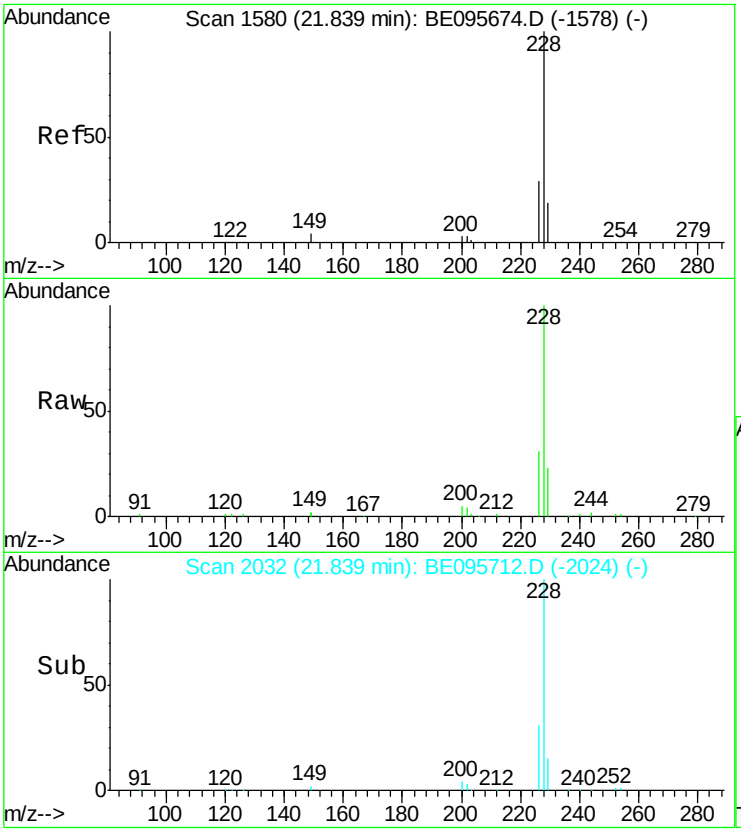


#30
Benzo(a)anthracene
Concen: 1.806 ng
RT: 21.78 min Scan# 2027
Delta R.T. 0.00 min
Lab File: BE095712.D
Acq: 6 Mar 2018 23:58

Tgt Ion:228 Resp: 46914

Ion	Ratio	Lower	Upper
228	100		
226	28.2	24.0	36.0
229	20.7	16.0	24.0



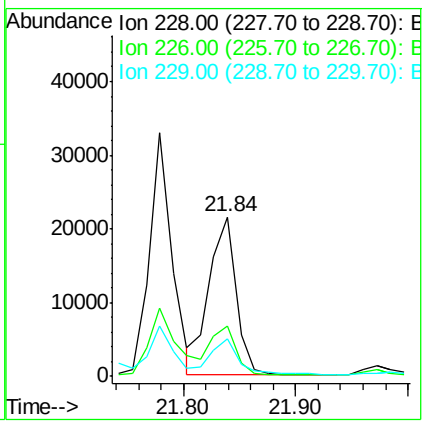


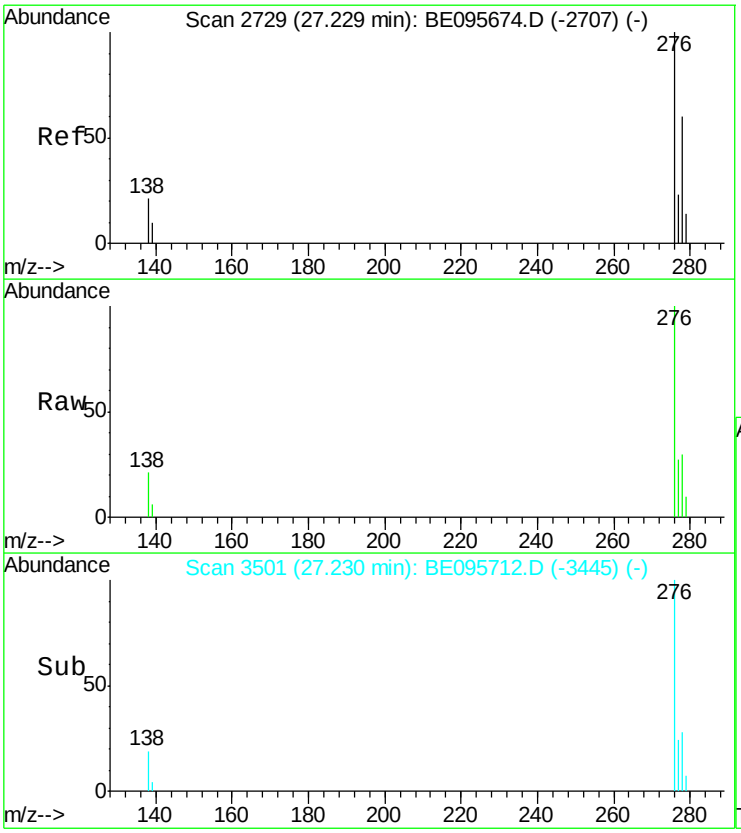
#31
Chrysene
Concen: 1.393 ng
RT: 21.84 min Scan# 2032
Delta R.T. 0.00 min
Lab File: BE095712.D
Acq: 6 Mar 2018 23:58

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:228 Resp: 35989

Ion	Ratio	Lower	Upper
228	100		
226	31.1	24.0	36.0
229	23.4	16.0	24.0

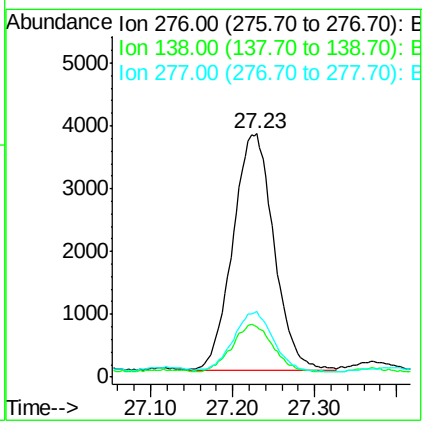


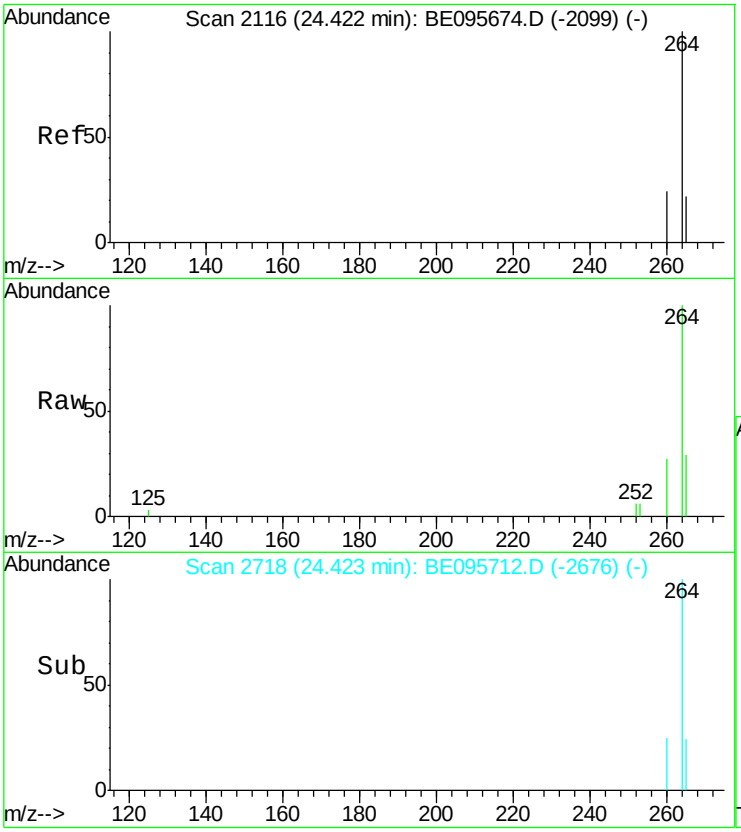


#33
Indeno(1,2,3-cd)pyrene
Concen: 0.520 ng
RT: 27.23 min Scan# 3501
Delta R.T. 0.00 min
Lab File: BE095712.D
Acq: 6 Mar 2018 23:58

Tgt Ion:276 Resp: 13027

Ion	Ratio	Lower	Upper
276	100		
138	20.0	22.5	33.7#
277	25.2	19.9	29.9



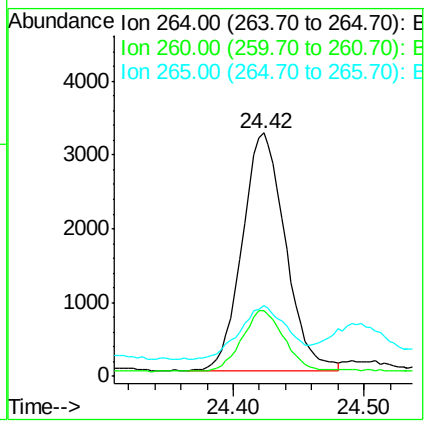


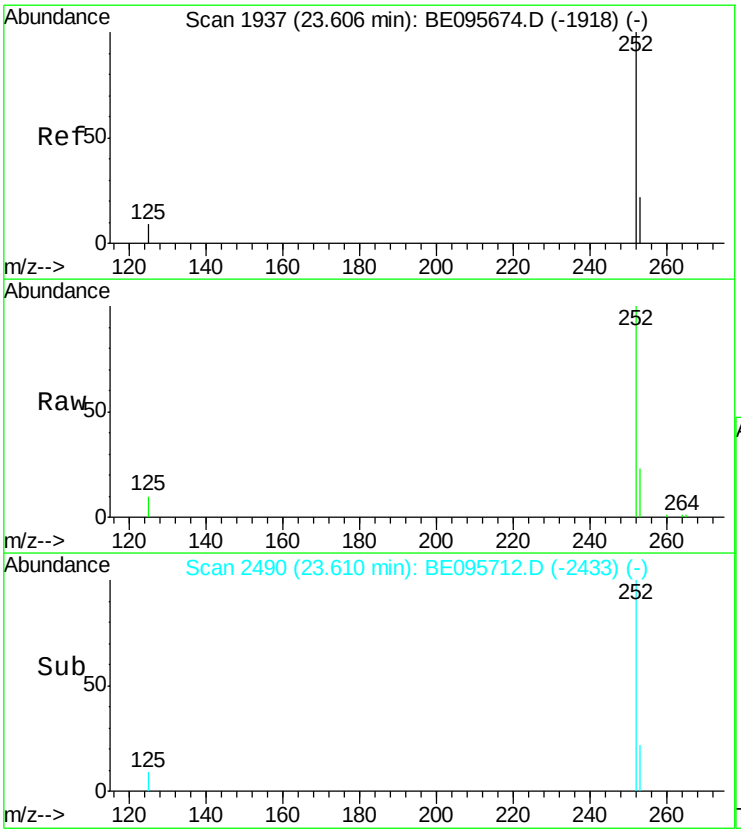
#34
Perylene-d12
Concen: 0.400 ng
RT: 24.42 min Scan# 2718
Delta R.T. 0.00 min
Lab File: BE095712.D
Acq: 6 Mar 2018 23:58

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:264 Resp: 7382

Ion	Ratio	Lower	Upper
264	100		
260	26.7	20.5	30.7
265	29.3	22.8	34.2

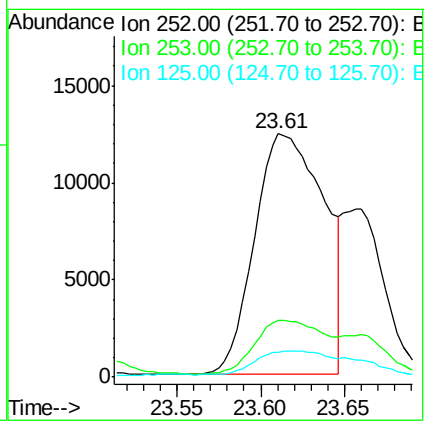


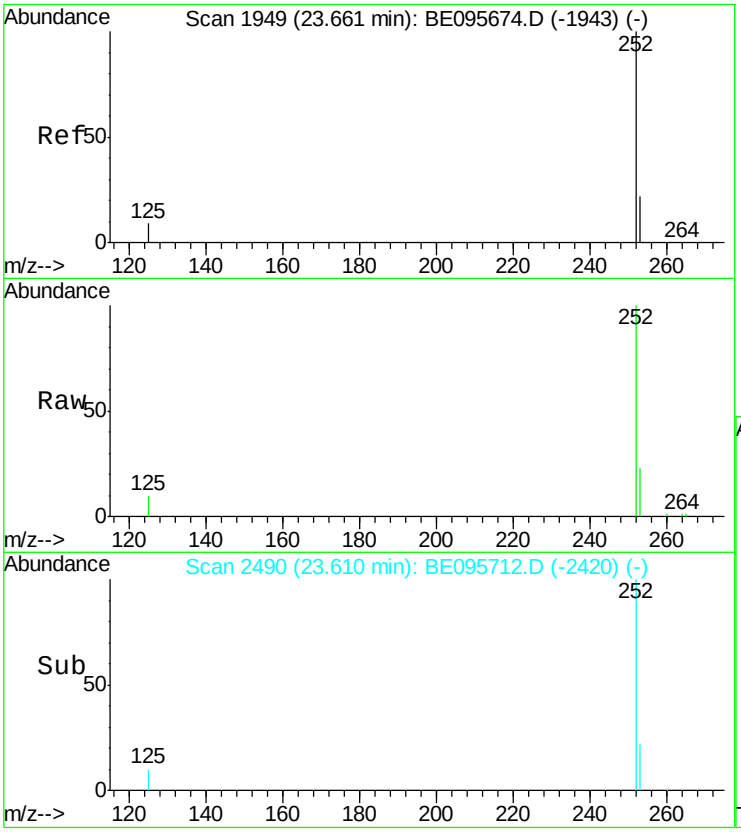


#35
Benzo(b)fluoranthene
Concen: 1.364 ng
RT: 23.61 min Scan# 2490
Delta R.T. 0.00 min
Lab File: BE095712.D
Acq: 6 Mar 2018 23:58

Tgt Ion:252 Resp: 35866

Ion	Ratio	Lower	Upper
252	100		
253	23.4	20.0	30.0
125	10.3	16.0	24.0#



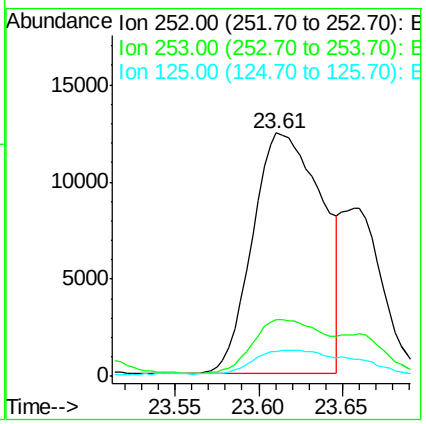


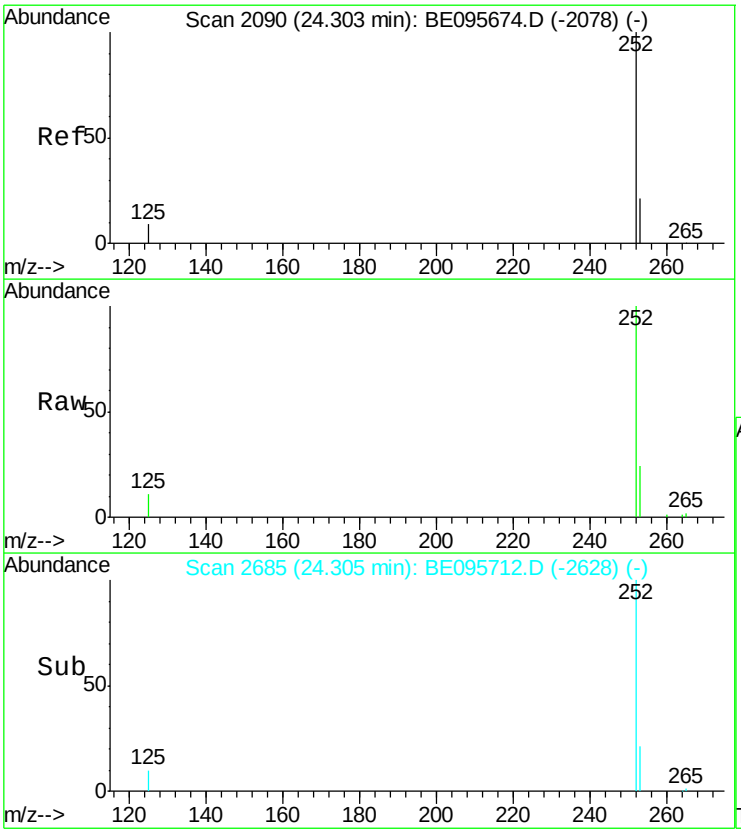
#36
Benzo(k)fluoranthene
Concen: 1.371 ng
RT: 23.61 min Scan# 2490
Delta R.T. -0.05 min
Lab File: BE095712.D
Acq: 6 Mar 2018 23:58

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:252 Resp: 35866

Ion	Ratio	Lower	Upper
252	100		
253	23.4	16.0	24.0
125	10.3	8.0	12.0

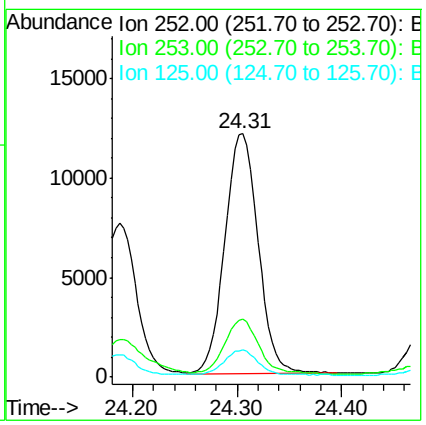


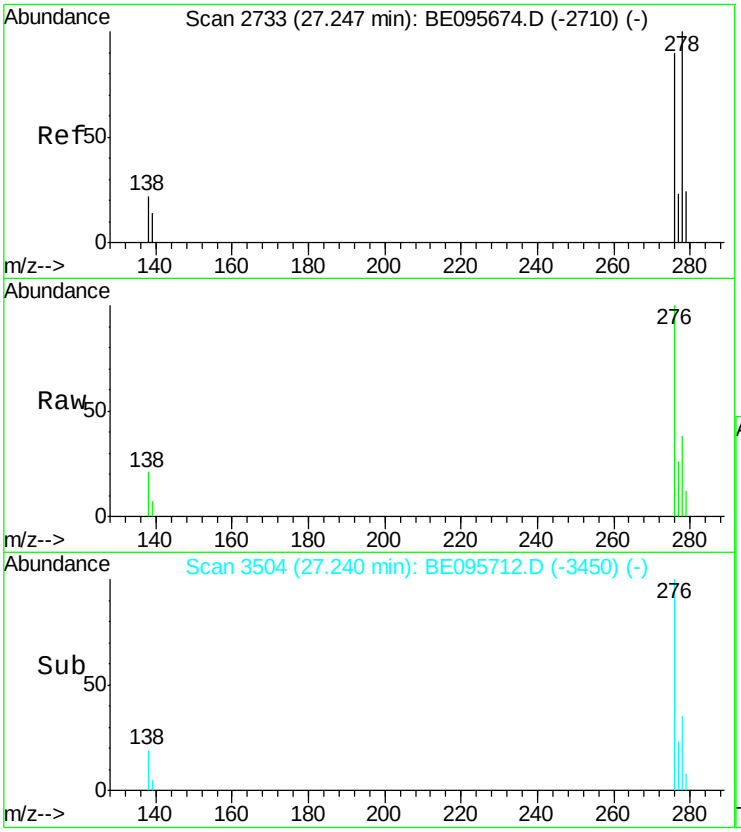


#37
Benzo(a)pyrene
Concen: 1.117 ng
RT: 24.31 min Scan# 2685
Delta R.T. 0.00 min
Lab File: BE095712.D
Acq: 6 Mar 2018 23:58

Tgt Ion:252 Resp: 26469

Ion	Ratio	Lower	Upper
252	100		
253	23.6	16.0	24.0
125	11.1	12.0	18.0#



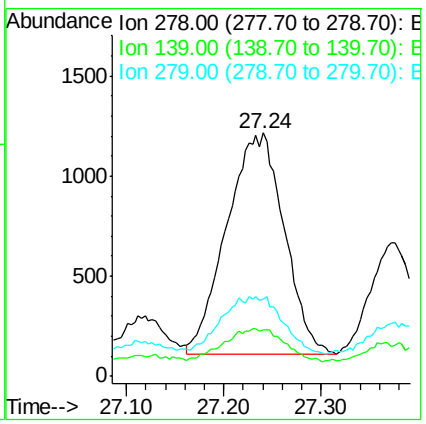


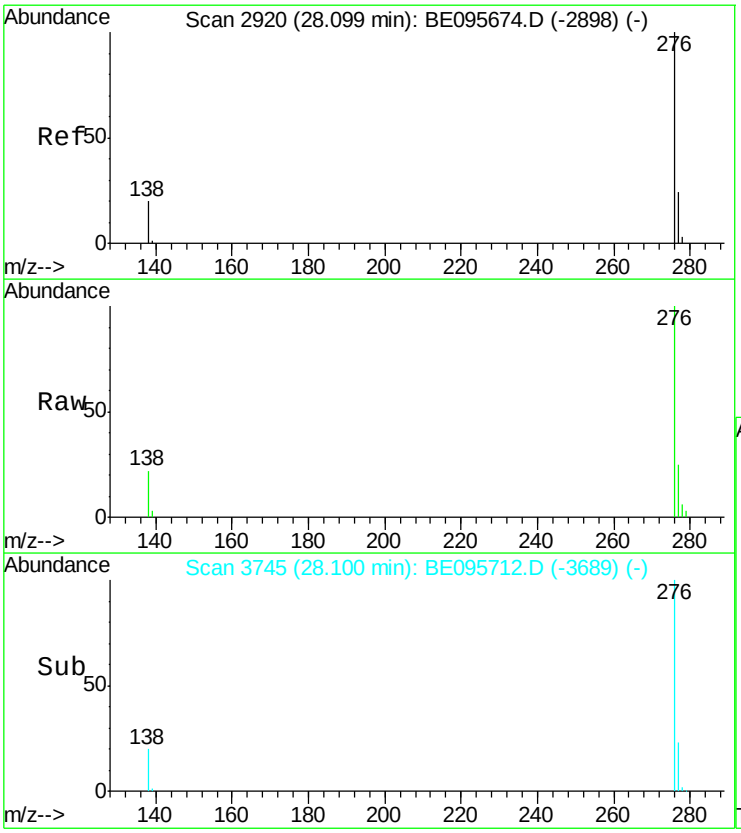
#38
Dibenzo(a,h)anthracene
Concen: 0.214 ng
RT: 27.24 min Scan# 3504
Delta R.T. -0.01 min
Lab File: BE095712.D
Acq: 6 Mar 2018 23:58

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:278 Resp: 4513

Ion	Ratio	Lower	Upper
278	100		
139	19.2	16.0	24.0
279	32.0	20.0	30.0#





#39
Benzo(g,h,i)perylene
Concen: 0.500 ng
RT: 28.10 min Scan# 3745
Delta R.T. 0.00 min
Lab File: BE095712.D
Acq: 6 Mar 2018 23:58

Tgt Ion:276 Resp: 11294

Ion	Ratio	Lower	Upper
276	100		
277	25.2	16.0	24.0#
138	21.6	20.0	30.0