Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA E\DATA\BE022318\
Data File : BE095685.D
Acq On : 23 Feb 2018 16:18
Operator : SJ/JU
Sample : PB106752BL
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument : BNA_E
ClientSampleId :

Quant Time: Feb 23 18:24:49 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	1227	0.40	ng	0.00
7) Naphthalene-d8	11.28	136	4286	0.40	ng	0.00
13) Acenaphthene-d10	15.00	164	2249	0.40	ng	0.00
19) Phenanthrene-d10	17.71	188	5367	0.40	ng	0.01
27) Chrysene-d12	21.79	240	5483	0.40	ng	0.00
34) Perylene-d12	24.43	264	5104	0.40	ng	0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.92	112	1207	0.37	ng	0.00
5) Phenol-d6	7.55	99	1528	0.34	ng	0.00
8) Nitrobenzene-d5	9.61	82	1484	0.34	ng	0.00
11) 2-Methylnaphthalene-d10	12.80	152	2503	0.35	ng	0.00
14) 2,4,6-Tribromophenol	16.47	330	218	0.32	ng	0.00
15) 2-Fluorobiphenyl	13.64	172	3575	0.36	ng	0.00
25) Fluoranthene-d10	19.69	212	25069	0.36	ng	0.00
29) Terphenyl-d14	20.25	244	3810	0.35	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.62	88	12	0.006	ng	# 16
3) n-Nitrosodimethylamine	3.98	42	39	0.016	ng	# 14
6) bis(2-Chloroethyl)ether	7.83	93	8	0.002	ng	# 1
9) Naphthalene	11.29	128	36	0.001	ng	# 38
10) Hexachlorobutadiene	11.57	225	2	0.001	ng	# 35
12) 2-Methylnaphthalene	12.89	142	1	0.000	ng	# 58
16) Acenaphthylene	14.68	152	4	0.000	ng	# 1
17) Acenaphthene	15.00	154	20	0.003	ng	# 5
18) Fluorene	16.04	166	4	0.000	ng	# 1
20) 4-Bromophenyl-phenylether	16.88	248	4	0.001	ng	# 56
21) Hexachlorobenzene	17.03	284	7	0.002	ng	# 39
22) Pentachlorophenol	17.42	266	5	0.183	ng	92
24) Anthracene	17.80	178	5	0.000	ng	# 62
26) Fluoranthene	19.71	202	3	0.000	ng	# 64
28) Pyrene	20.10	202	6	0.000	ng	# 1
30) Benzo(a)anthracene	21.79	228	53	0.003	ng	# 1
31) Chrysene	21.79	228	32	0.002	ng	# 1
32) Bis(2-ethylhexyl)phthalate	21.65	149	181	0.006	ng	# 89
33) Indeno(1,2,3-cd)pyrene	27.24	276	9	0.001	ng	# 47
35) Benzo(b)fluoranthene	23.61	252	3	0.000	ng	# 1
36) Benzo(k)fluoranthene	23.66	252	16	0.001	ng	# 1
37) Benzo(a)pyrene	24.30	252	14	0.001	ng	# 1
38) Dibenzo(a,h)anthracene	27.26	278	6	0.000	ng	# 1
39) Benzo(g,h,i)perylene	28.09	276	4	0.000	ng	# 1

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

Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA E\DATA\BE022318\
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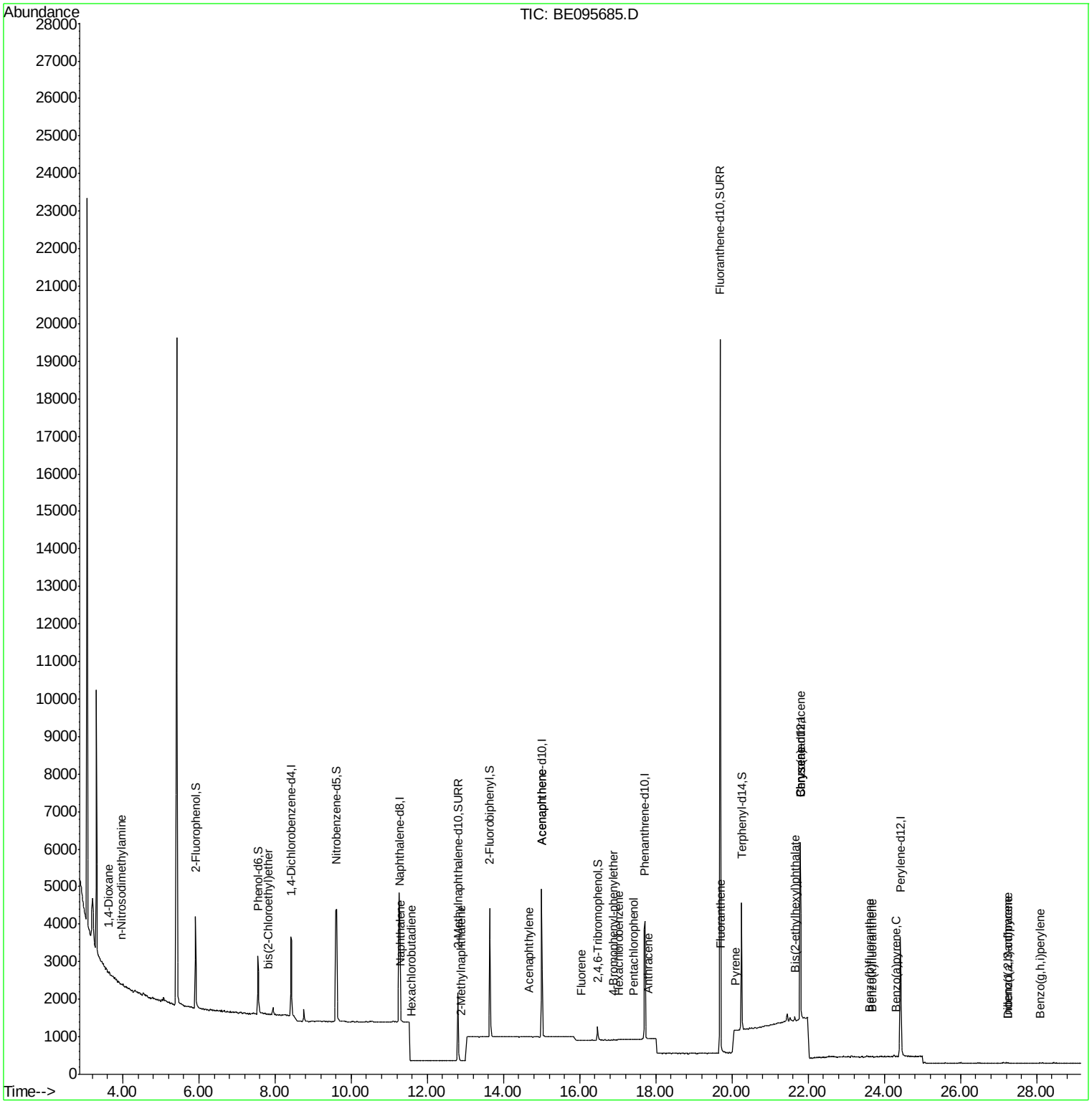
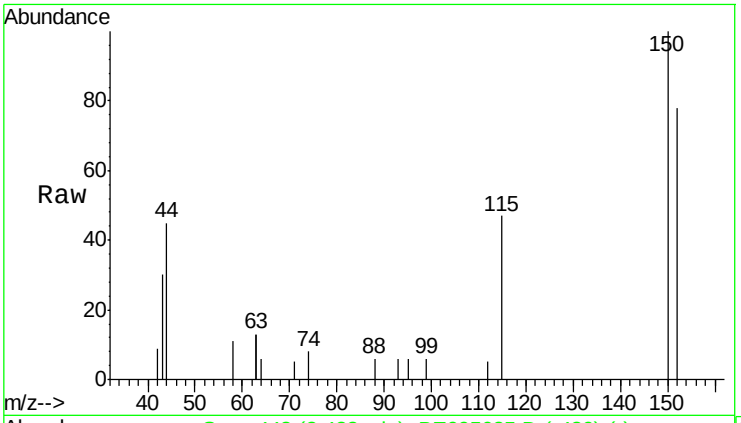
Acq On : 23 Feb 2018 16:18
Operator : SJ/JU
Sample : PB106752BL
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument :
BNA_E
ClientSampleId :

Quant Time: Feb 23 18:24:49 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



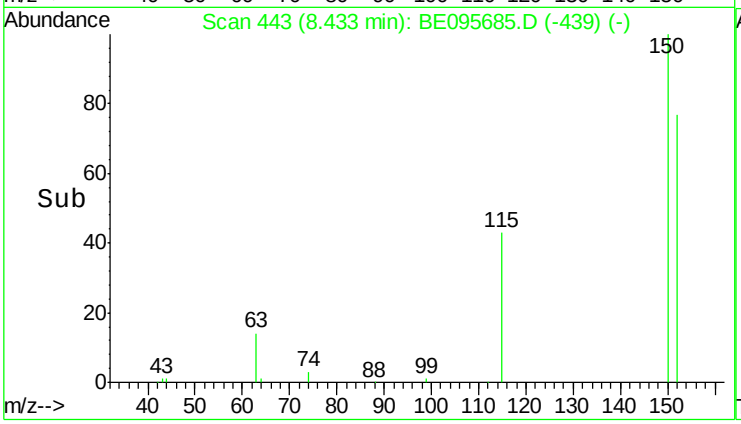


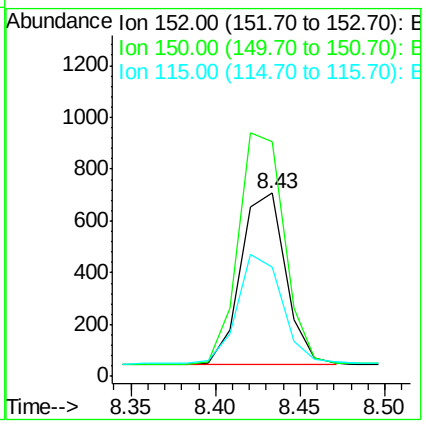
#1
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 8.43 min Scan# 443
Delta R.T. -0.00 min
Lab File: BE095685.D
Acq: 23 Feb 2018 16:18

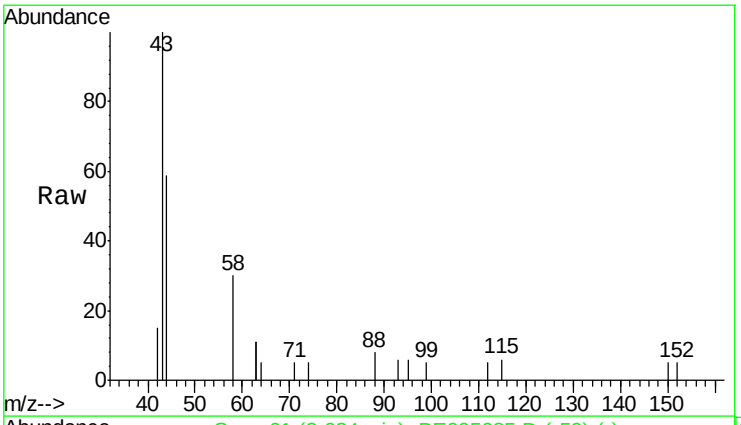
Instrument :
BNA_E
ClientSampleId :

Tgt Ion:152 Resp: 1227

Ion	Ratio	Lower	Upper
152	100		
150	128.3	117.2	175.8
115	59.7	57.0	85.6



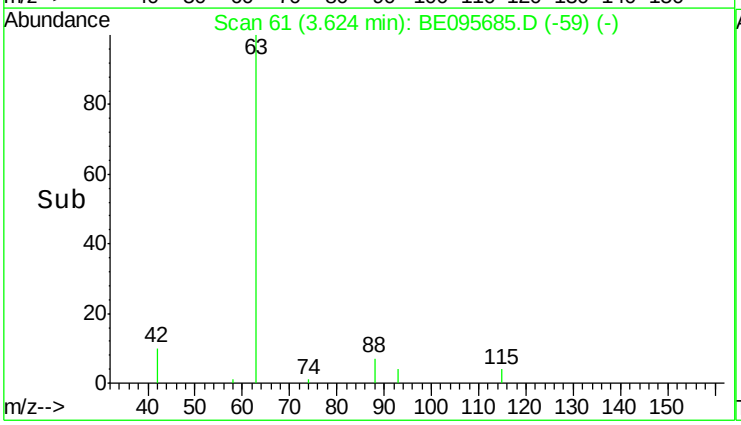


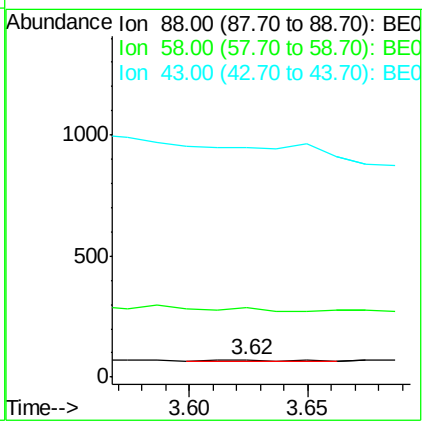


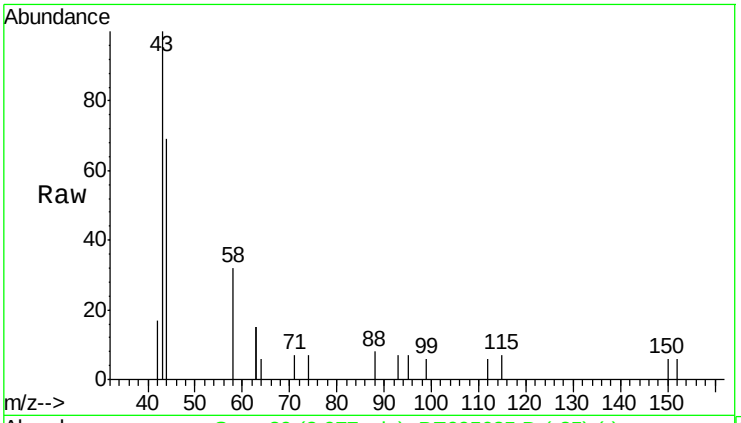
#2
1,4-Dioxane
Concen: 0.006 ng
RT: 3.62 min Scan# 61
Delta R.T. -0.03 min
Lab File: BE095685.D
Acq: 23 Feb 2018 16:18

Tgt Ion: 88 Resp: 12

Ion	Ratio	Lower	Upper
88	100		
58	0.0	63.2	94.8#
43	0.0	41.2	61.8#





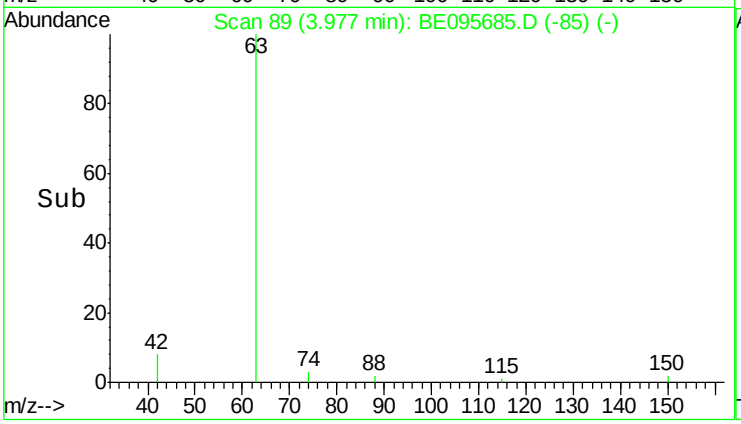


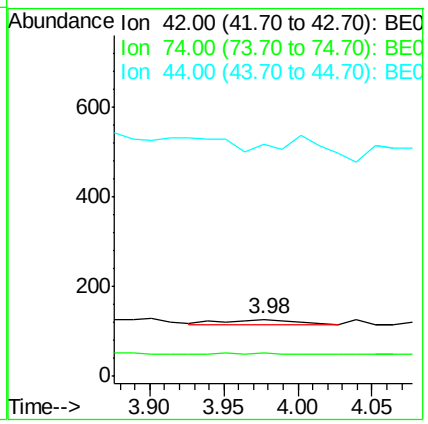
#3
n-Nitrosodimethylamine
Concen: 0.016 ng
RT: 3.98 min Scan# 89
Delta R.T. -0.03 min
Lab File: BE095685.D
Acq: 23 Feb 2018 16:18

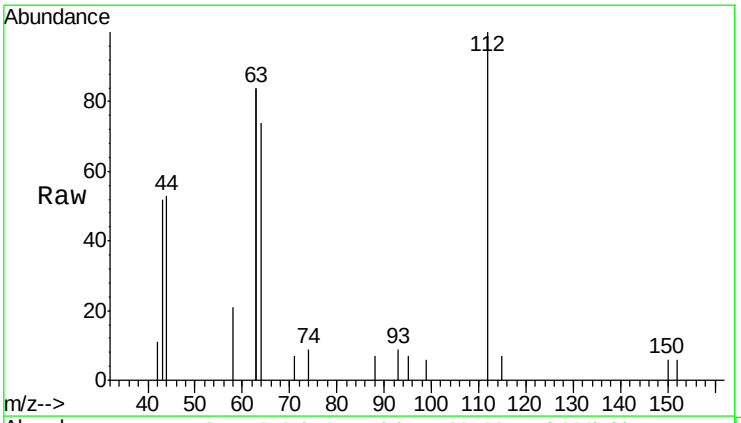
Instrument :
BNA_E
ClientSampleId :

Tgt Ion: 42 Resp: 39

Ion	Ratio	Lower	Upper
42	100		
74	17.9	96.0	144.0#
44	0.0	12.0	18.0#



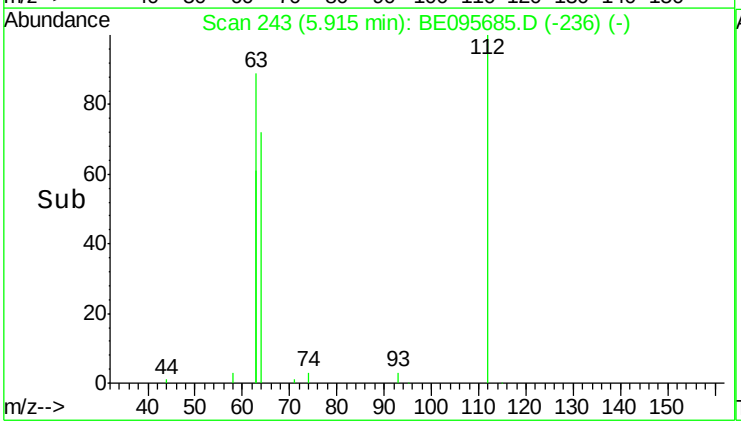


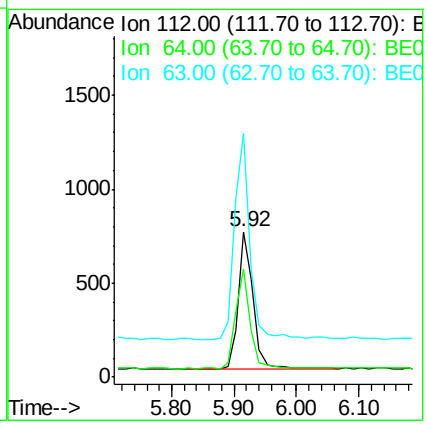


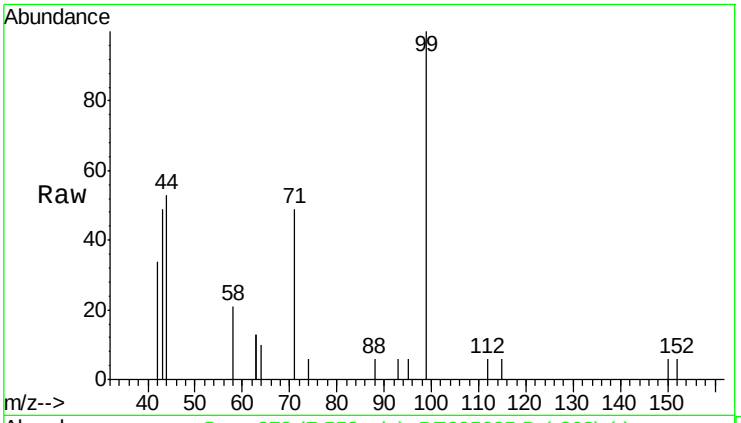
#4
2-Fluorophenol
Concen: 0.373 ng
RT: 5.92 min Scan# 243
Delta R.T. -0.00 min
Lab File: BE095685.D
Acq: 23 Feb 2018 16:18

Tgt Ion:112 Resp: 1207

Ion	Ratio	Lower	Upper
112	100		
64	72.3	60.1	90.1
63	160.1	116.8	175.2





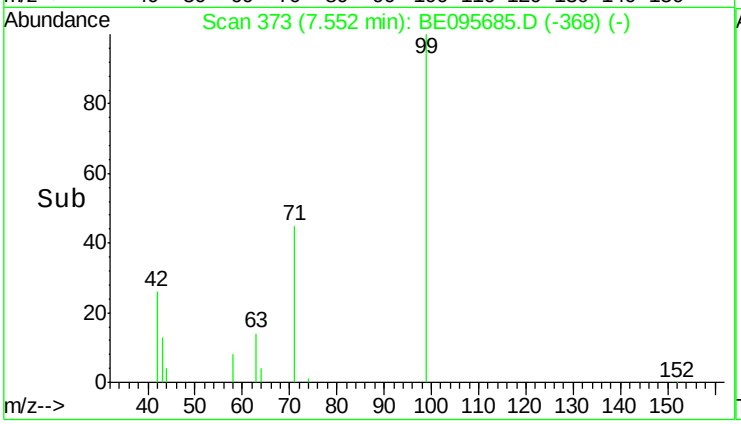


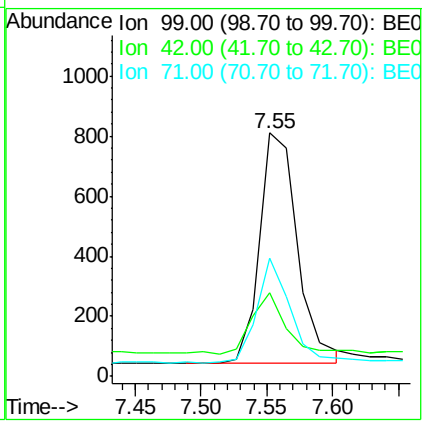
#5
Phenol-d6
Concen: 0.341 ng
RT: 7.55 min Scan# 373
Delta R.T. -0.00 min
Lab File: BE095685.D
Acq: 23 Feb 2018 16:18

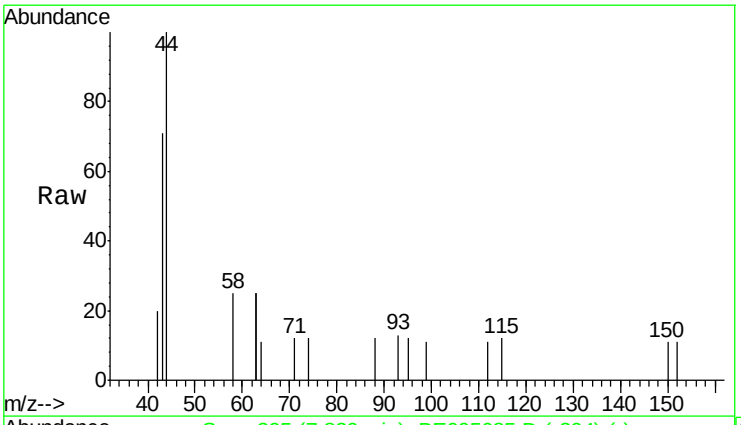
Instrument :
BNA_E
ClientSampleId :

Tgt Ion: 99 Resp: 1528

Ion	Ratio	Lower	Upper
99	100		
42	23.1	20.2	30.2
71	39.7	28.4	42.6



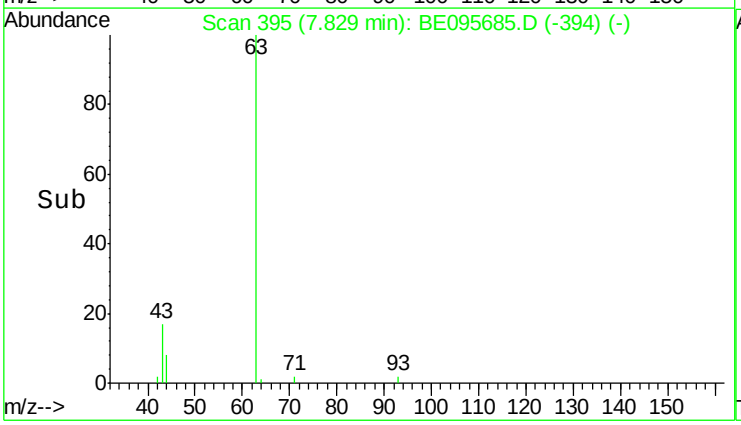


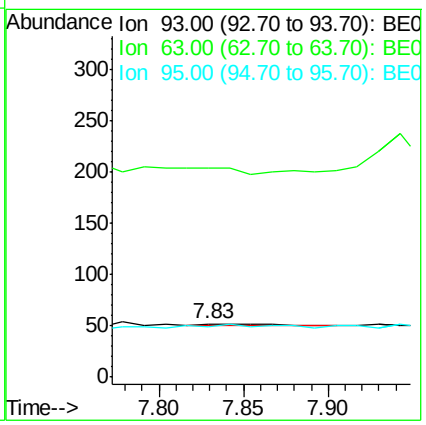


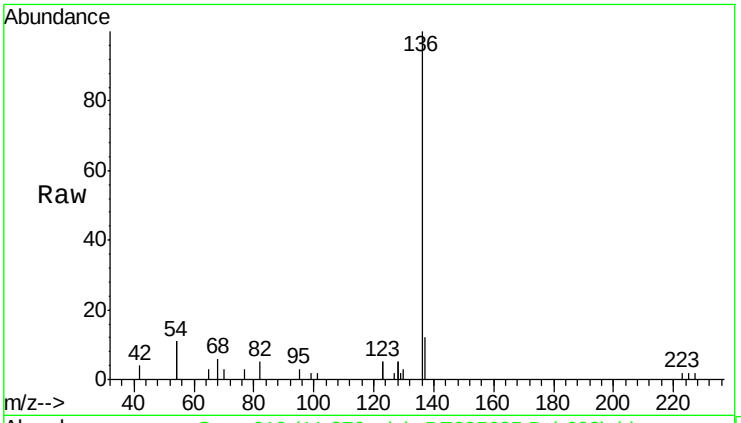
#6
bis(2-Chloroethyl)ether
Concen: 0.002 ng
RT: 7.83 min Scan# 395
Delta R.T. -0.00 min
Lab File: BE095685.D
Acq: 23 Feb 2018 16:18

Tgt Ion: 93 Resp: 8

Ion	Ratio	Lower	Upper
93	100		
63	0.0	275.3	412.9#
95	100.0	25.2	37.8#





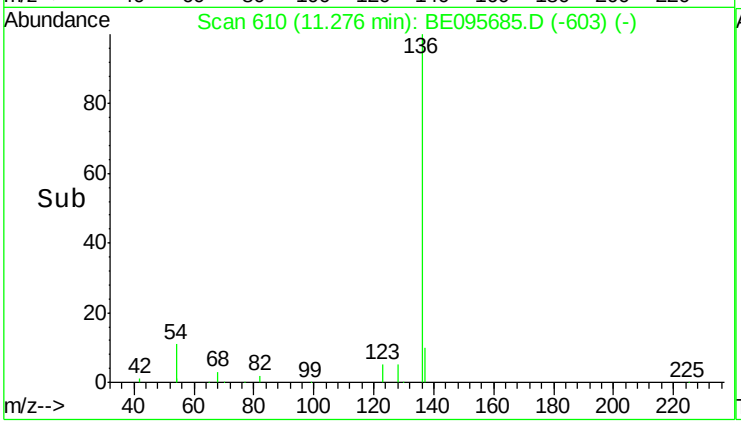


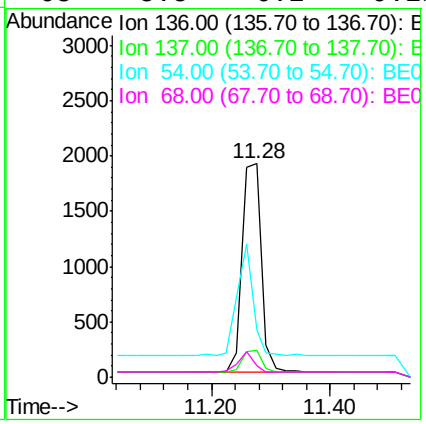
#7
Naphthalene-d8
Concen: 0.400 ng
RT: 11.28 min Scan# 610
Delta R.T. 0.00 min
Lab File: BE095685.D
Acq: 23 Feb 2018 16:18

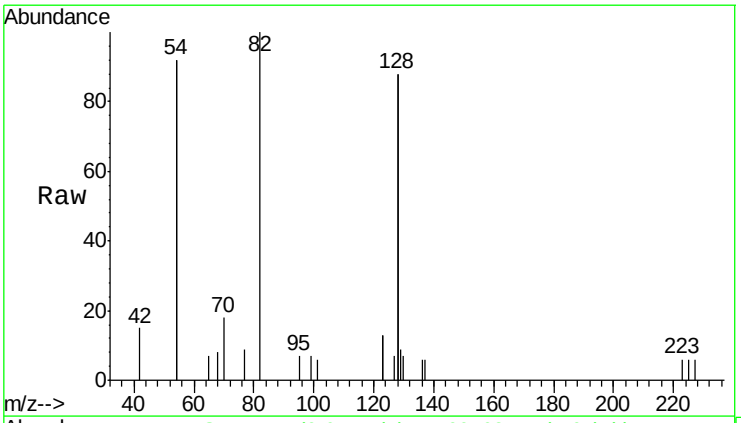
Instrument :
BNA_E
ClientSampleId :

Tgt Ion:136 Resp: 4286

Ion	Ratio	Lower	Upper
136	100		
137	12.5	9.5	14.3
54	22.2	29.1	43.7#
68	5.5	6.2	9.2#



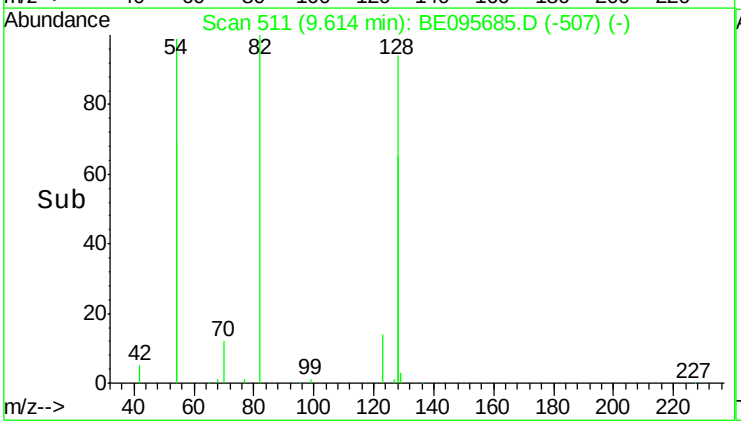


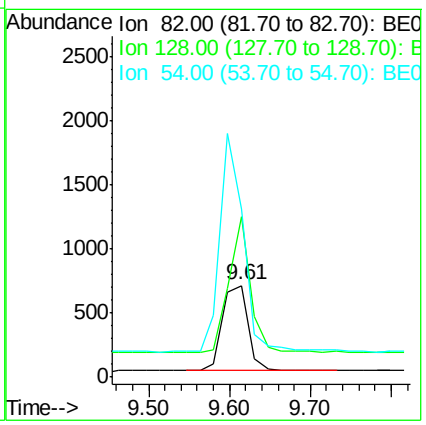


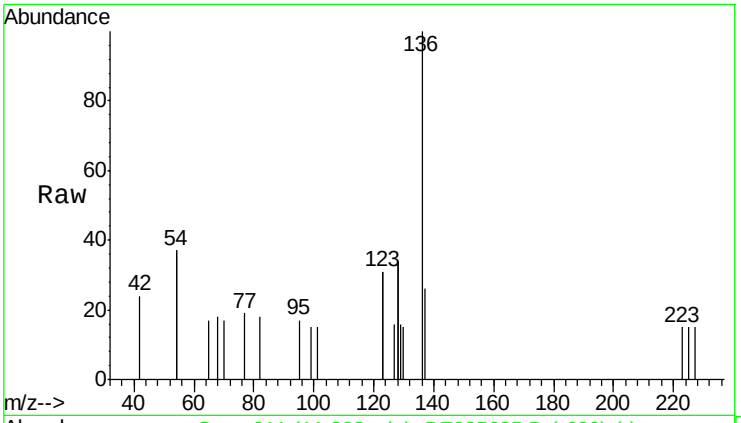
#8
Nitrobenzene-d5
Concen: 0.336 ng
RT: 9.61 min Scan# 511
Delta R.T. 0.00 min
Lab File: BE095685.D
Acq: 23 Feb 2018 16:18

Tgt Ion: 82 Resp: 1484

Ion	Ratio	Lower	Upper
82	100		
128	175.6	150.0	225.0
54	183.8	154.2	231.4





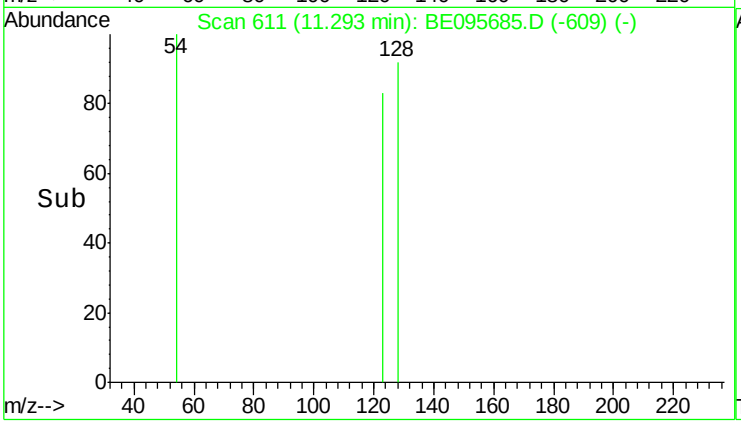


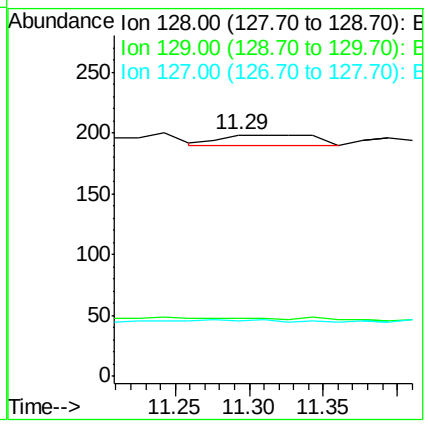
#9
Naphthalene
Concen: 0.001 ng
RT: 11.29 min Scan# 611
Delta R.T. -0.02 min
Lab File: BE095685.D
Acq: 23 Feb 2018 16:18

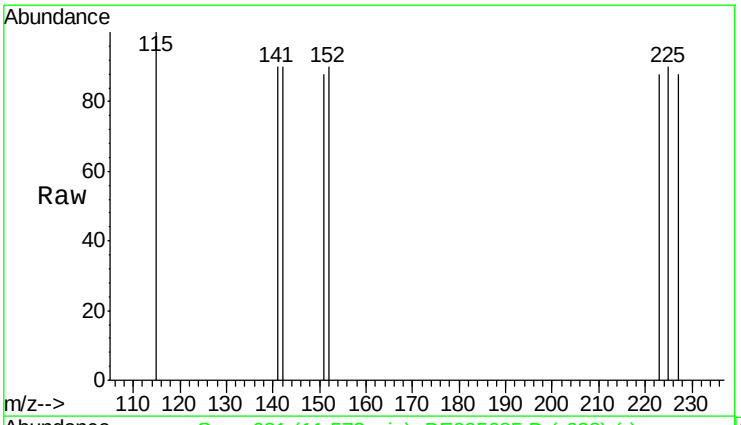
Instrument :
BNA_E
ClientSampleId :

Tgt Ion:128 Resp: 36

Ion	Ratio	Lower	Upper
128	100		
129	24.2	2.6	3.8#
127	23.2	2.8	4.2#



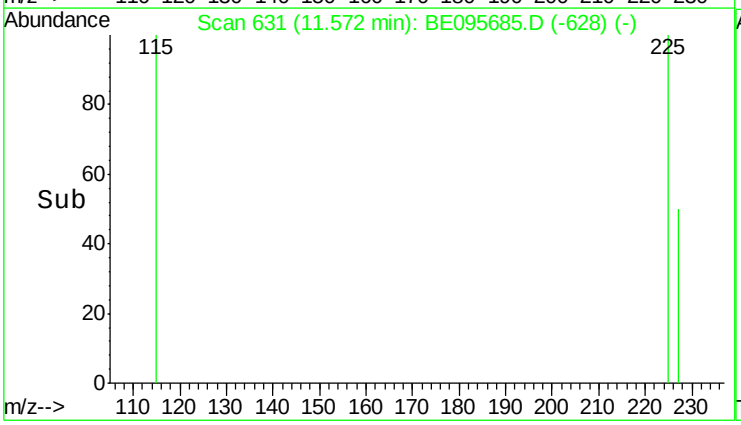


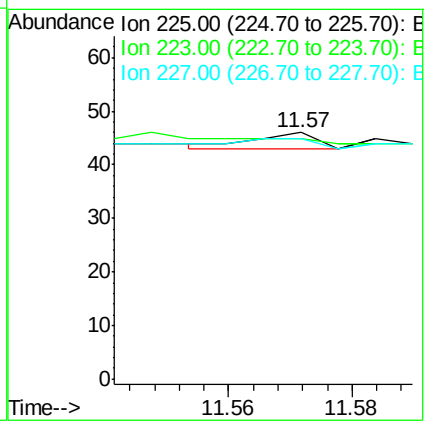


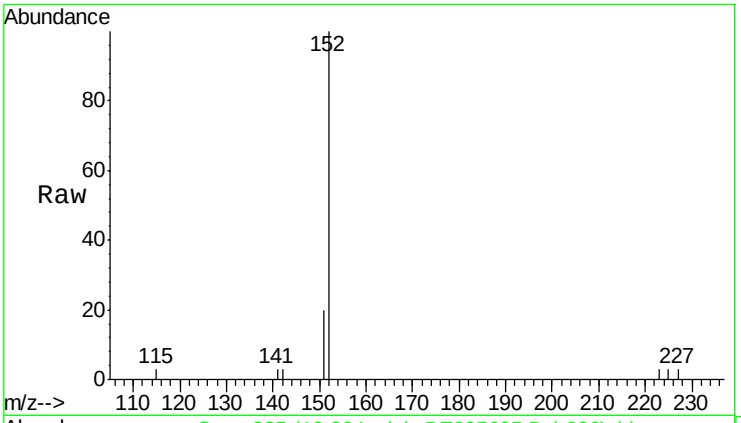
#10
Hexachlorobutadiene
Concen: 0.001 ng
RT: 11.57 min Scan# 631
Delta R.T. 0.00 min
Lab File: BE095685.D
Acq: 23 Feb 2018 16:18

Tgt Ion:225 Resp: 2

Ion	Ratio	Lower	Upper
225	100		
223	0.0	53.0	79.6#
227	100.0	51.4	77.2#





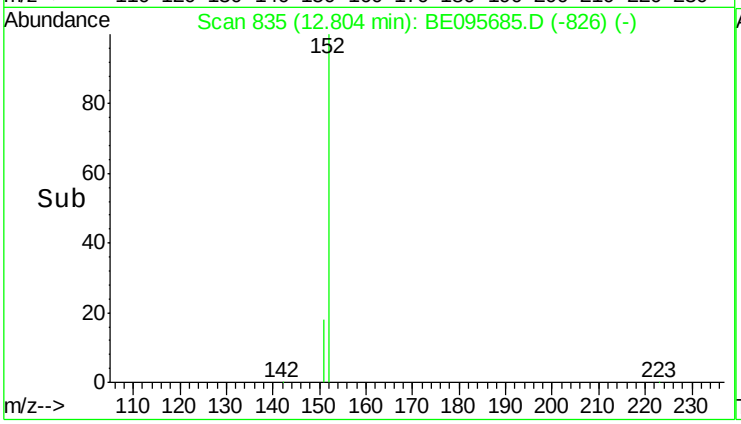


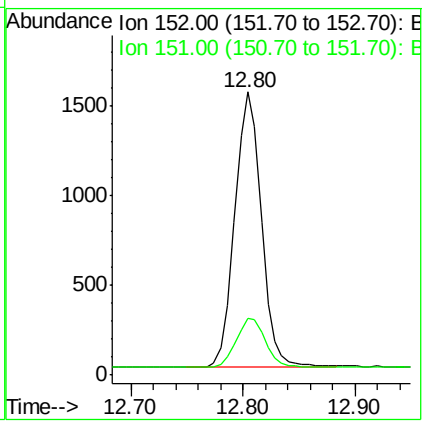
#11
2-Methylnaphthalene-d10
Concen: 0.349 ng
RT: 12.80 min Scan# 835
Delta R.T. 0.00 min
Lab File: BE095685.D
Acq: 23 Feb 2018 16:18

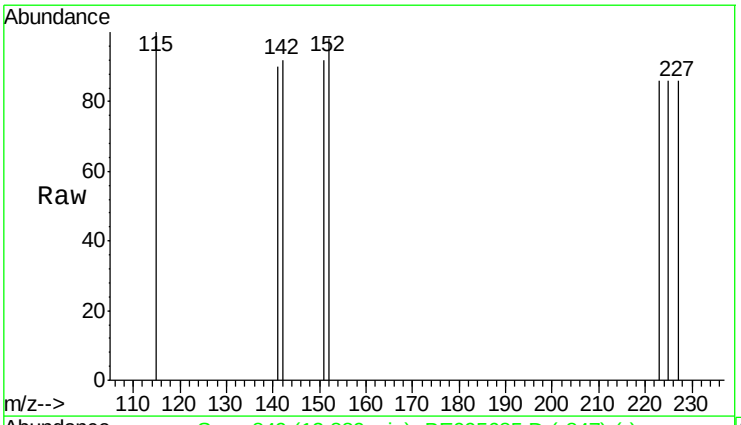
Instrument :
BNA_E
ClientSampleId :

Tgt Ion:152 Resp: 2503

Ion	Ratio	Lower	Upper
152	100		
151	19.4	15.4	23.0



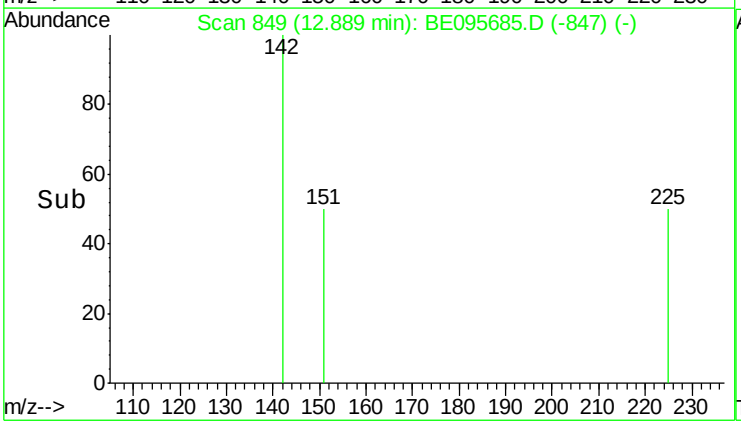


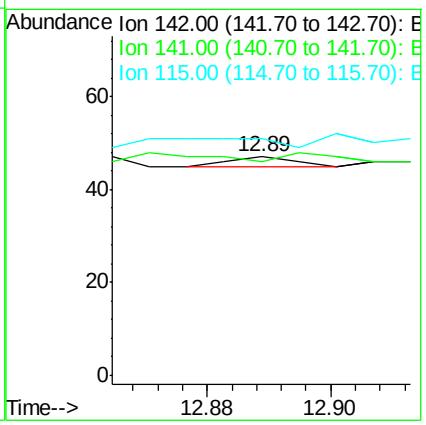


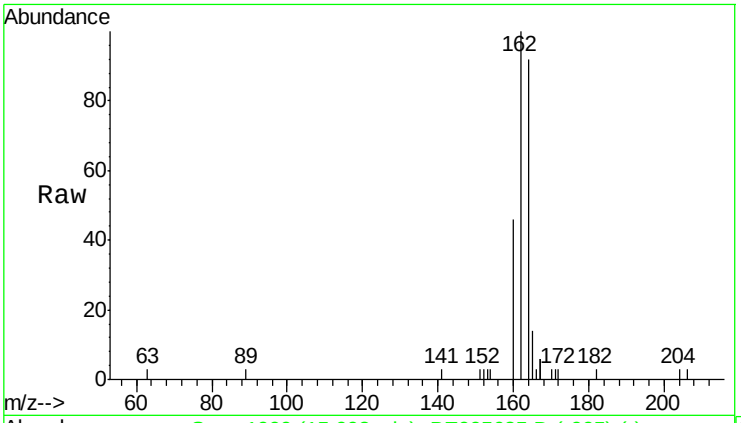
#12
2-Methylnaphthalene
Concen: 0.000 ng
RT: 12.89 min Scan# 849
Delta R.T. 0.01 min
Lab File: BE095685.D
Acq: 23 Feb 2018 16:18

Tgt Ion:142 Resp: 1

Ion	Ratio	Lower	Upper
142	100		
141	97.9	70.4	105.6
115	108.5	31.7	47.5#





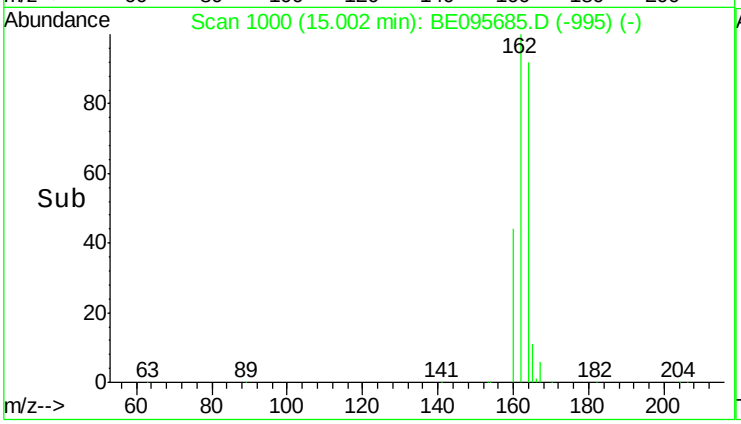


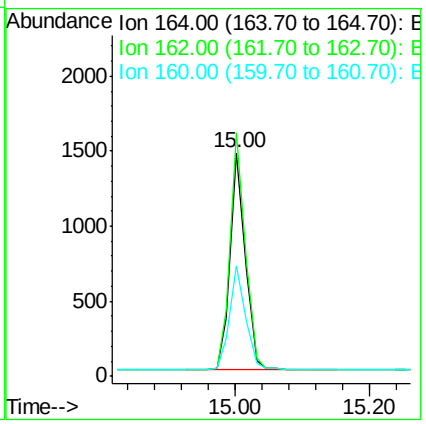
#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 15.00 min Scan# 1000
Delta R.T. -0.00 min
Lab File: BE095685.D
Acq: 23 Feb 2018 16:18

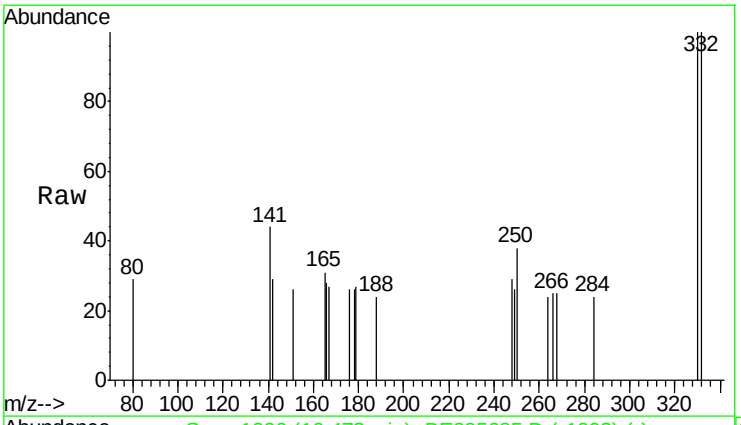
Instrument :
BNA_E
ClientSampleId :

Tgt Ion:164 Resp: 2249

Ion	Ratio	Lower	Upper
164	100		
162	108.9	83.1	124.7
160	49.6	37.1	55.7



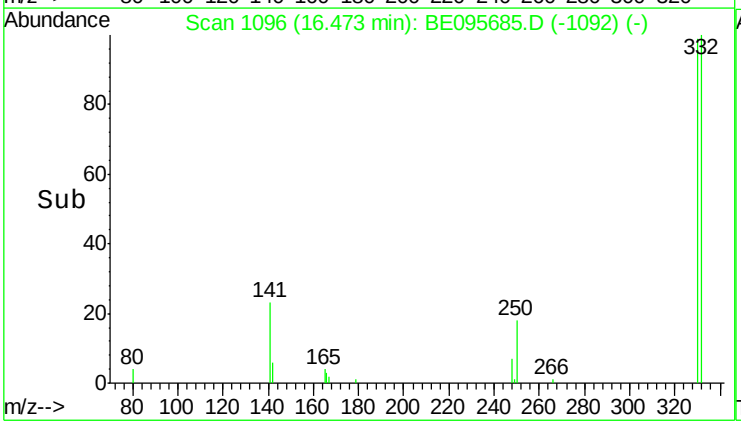


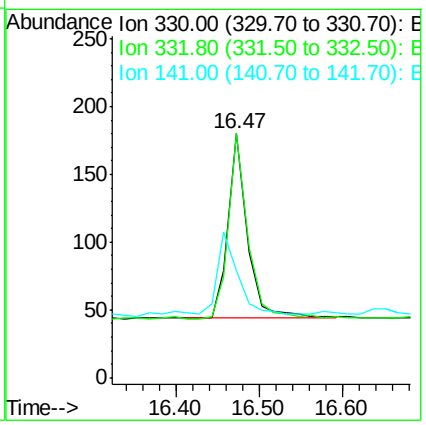


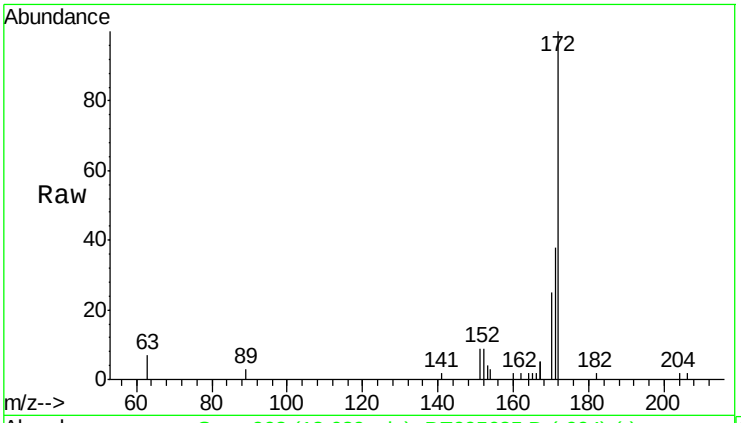
#14
2,4,6-Tribromophenol
Concen: 0.318 ng
RT: 16.47 min Scan# 1096
Delta R.T. -0.00 min
Lab File: BE095685.D
Acq: 23 Feb 2018 16:18

Tgt Ion:330 Resp: 218

Ion	Ratio	Lower	Upper
330	100		
332	104.1	152.7	229.1#
141	46.3	33.7	50.5





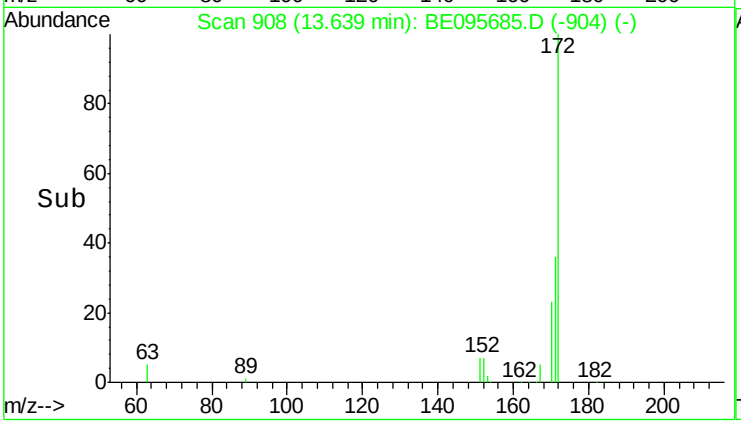


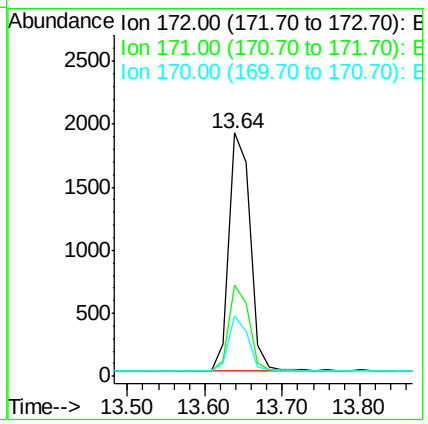
#15
2-Fluorobiphenyl
Concen: 0.356 ng
RT: 13.64 min Scan# 908
Delta R.T. -0.00 min
Lab File: BE095685.D
Acq: 23 Feb 2018 16:18

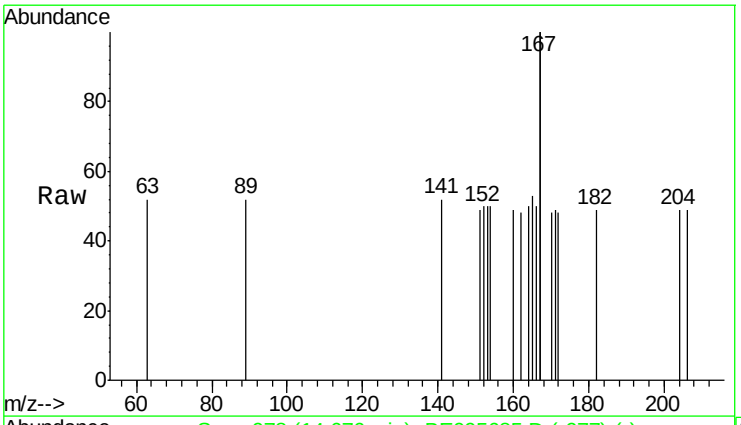
Instrument :
BNA_E
ClientSampleId :

Tgt Ion:172 Resp: 3575

Ion	Ratio	Lower	Upper
172	100		
171	37.5	29.9	44.9
170	25.1	21.8	32.8



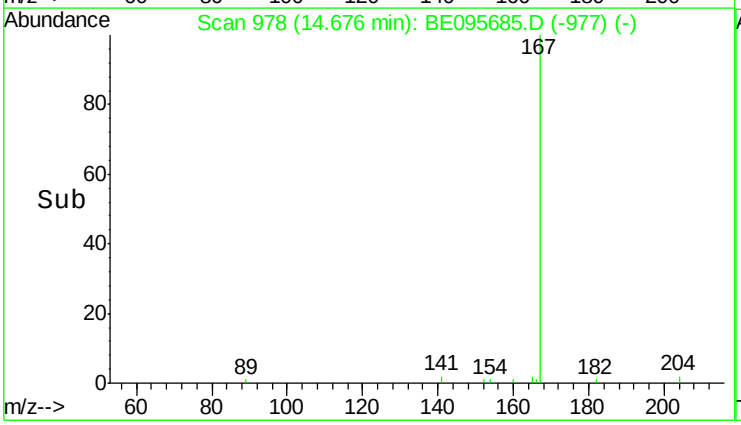


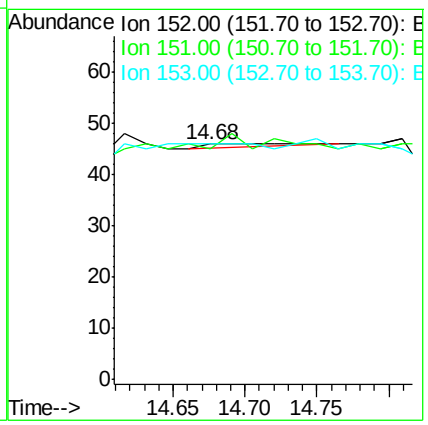


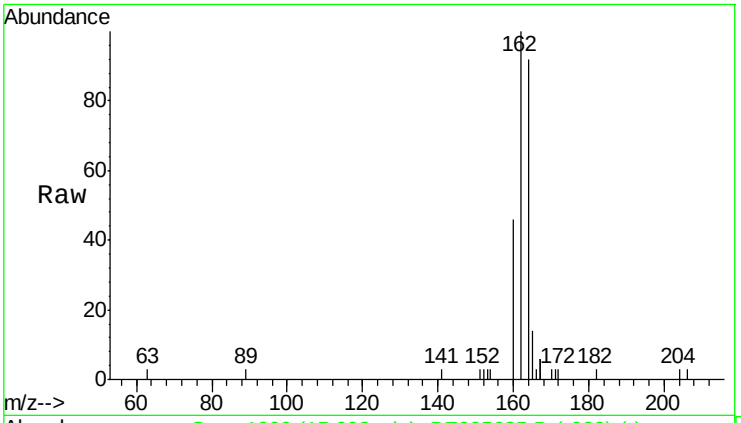
#16
Acenaphthylene
Concen: 0.000 ng
RT: 14.68 min Scan# 978
Delta R.T. -0.06 min
Lab File: BE095685.D
Acq: 23 Feb 2018 16:18

Tgt Ion:152 Resp: 4

Ion	Ratio	Lower	Upper
152	100		
151	100.0	15.7	23.5#
153	0.0	10.5	15.7#





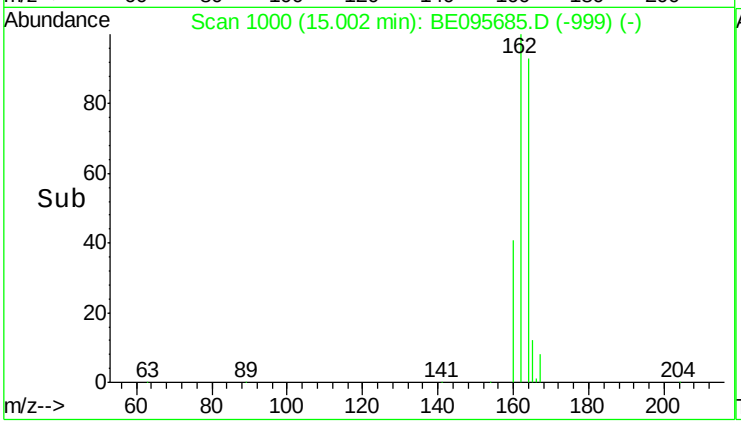


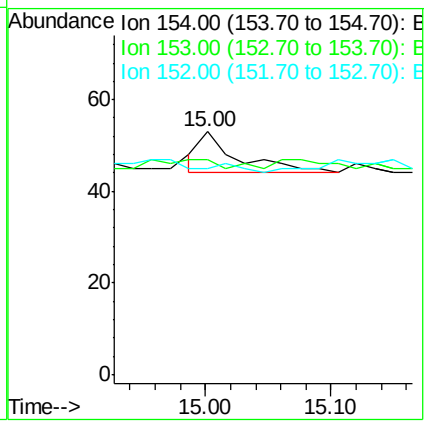
#17
Acenaphthene
Concen: 0.003 ng
RT: 15.00 min Scan# 1000
Delta R.T. -0.06 min
Lab File: BE095685.D
Acq: 23 Feb 2018 16:18

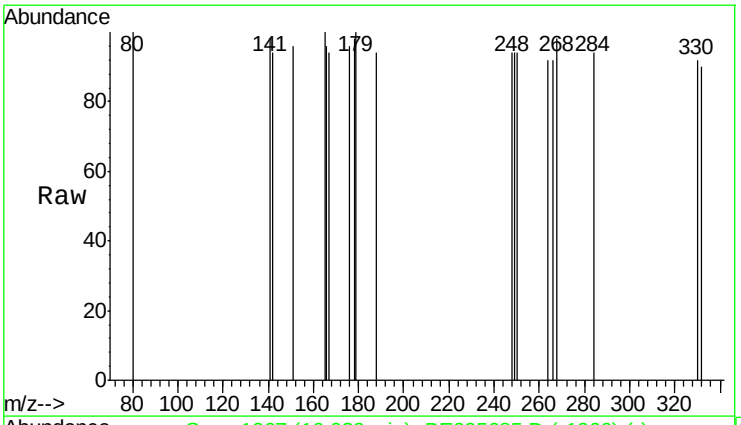
Instrument :
BNA_E
ClientSampleId :

Tgt Ion:154 Resp: 20

Ion	Ratio	Lower	Upper
154	100		
153	0.0	89.2	133.8#
152	0.0	42.0	63.0#



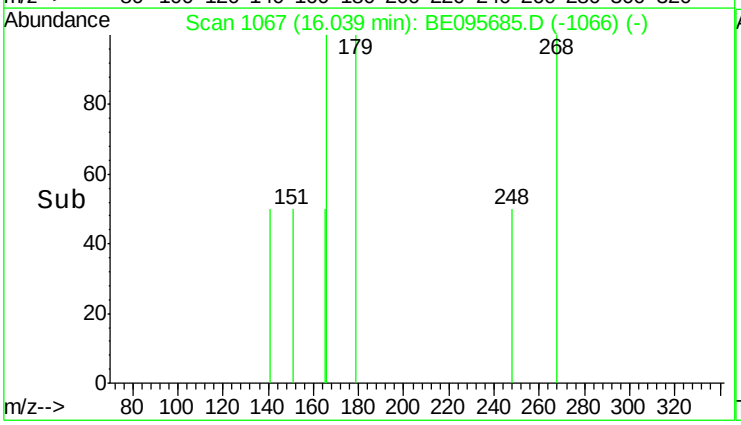


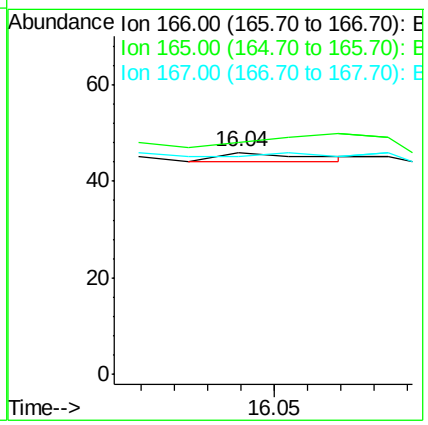


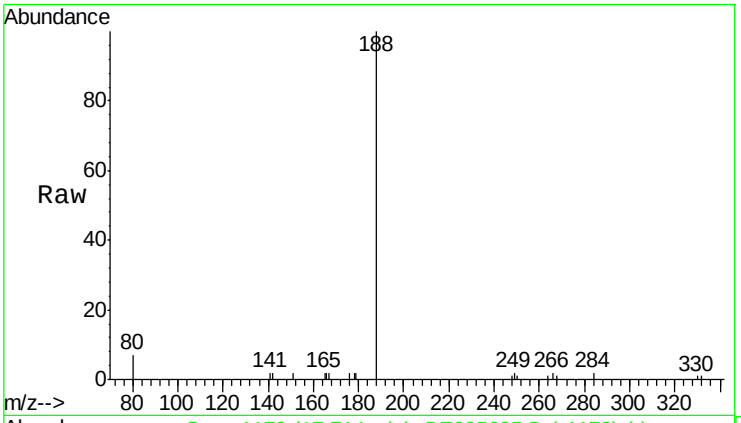
#18
Fluorene
Concen: 0.000 ng
RT: 16.04 min Scan# 1067
Delta R.T. 0.01 min
Lab File: BE095685.D
Acq: 23 Feb 2018 16:18

Tgt Ion:166 Resp: 4

Ion	Ratio	Lower	Upper
166	100		
165	0.0	77.8	116.6#
167	125.0	42.4	63.6#





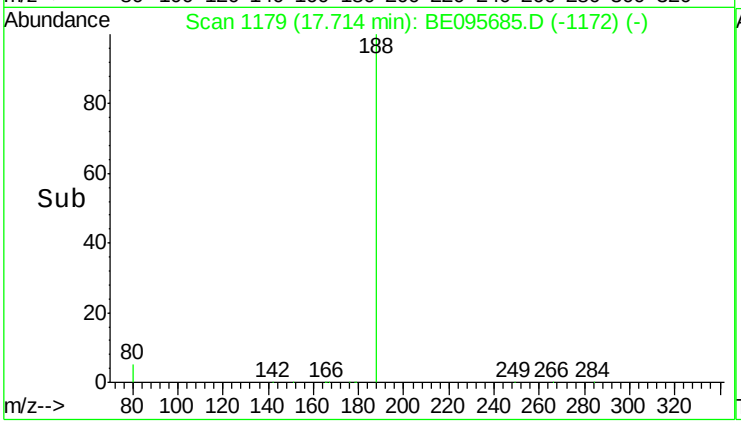


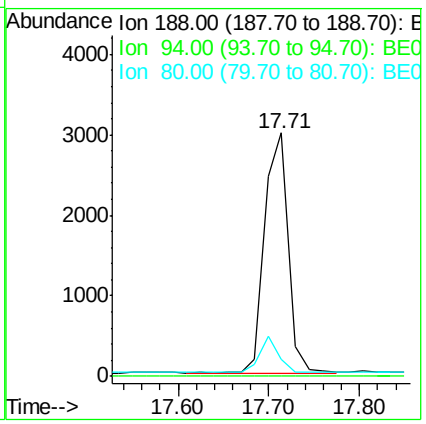
#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.71 min Scan# 1179
Delta R.T. 0.01 min
Lab File: BE095685.D
Acq: 23 Feb 2018 16:18

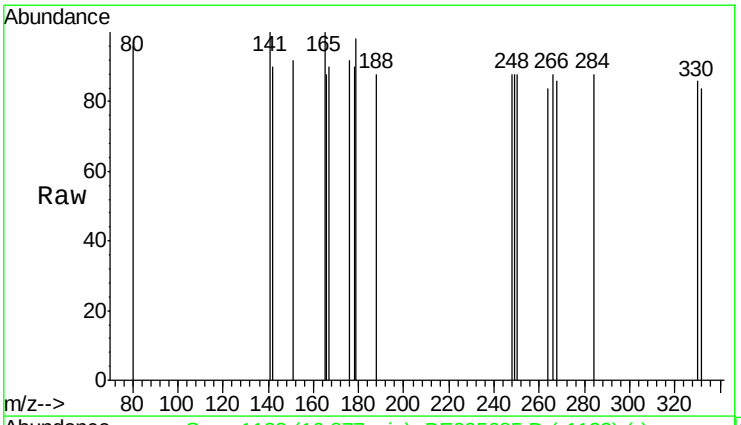
Instrument :
BNA_E
ClientSampleId :

Tgt Ion:188 Resp: 5367

Ion	Ratio	Lower	Upper
188	100		
94	0.0	3.9	5.9#
80	6.9	3.6	5.4#



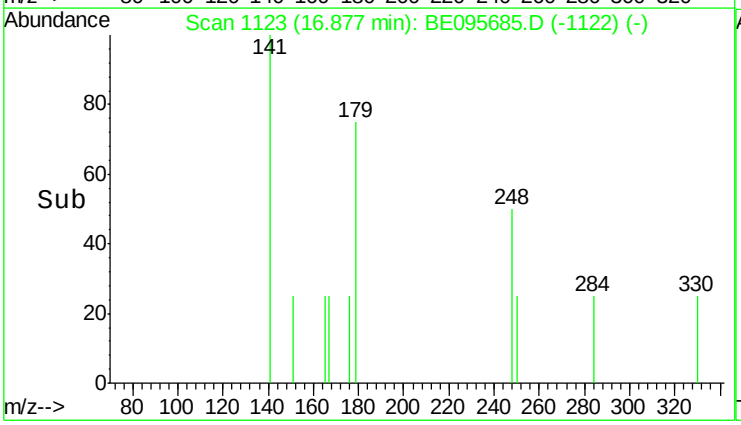


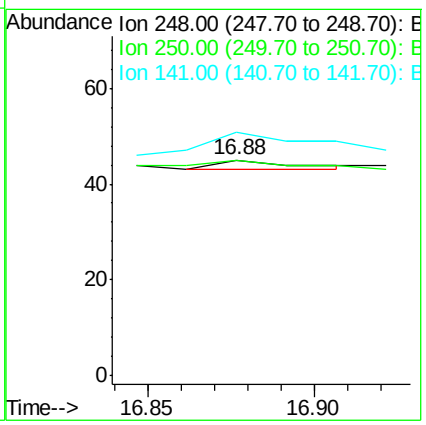


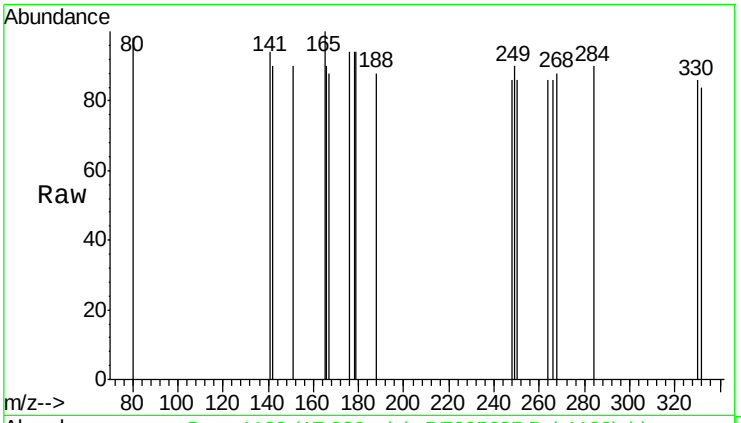
#20
4-Bromophenyl-phenylether
Concen: 0.001 ng
RT: 16.88 min Scan# 1123
Delta R.T. -0.02 min
Lab File: BE095685.D
Acq: 23 Feb 2018 16:18

Tgt Ion:248 Resp: 4

Ion	Ratio	Lower	Upper
248	100		
250	100.0	62.7	94.1#
141	113.3	48.2	72.2#





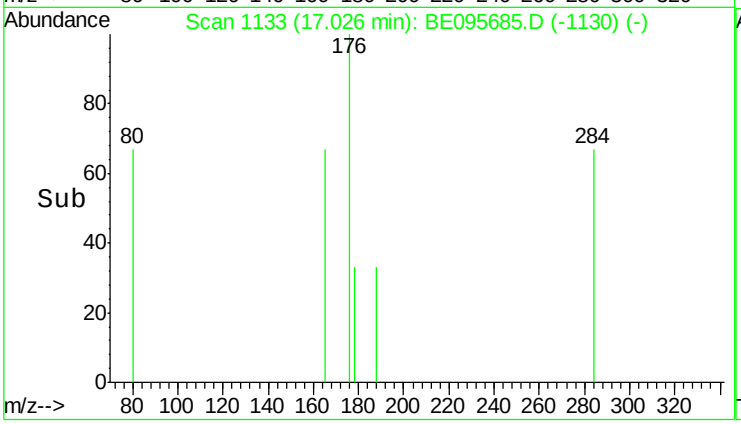


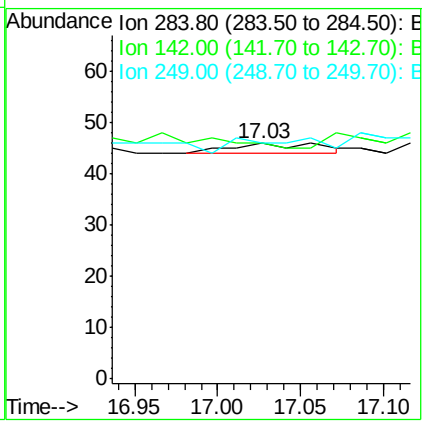
#21
Hexachlorobenzene
Concen: 0.002 ng
RT: 17.03 min Scan# 1133
Delta R.T. -0.00 min
Lab File: BE095685.D
Acq: 23 Feb 2018 16:18

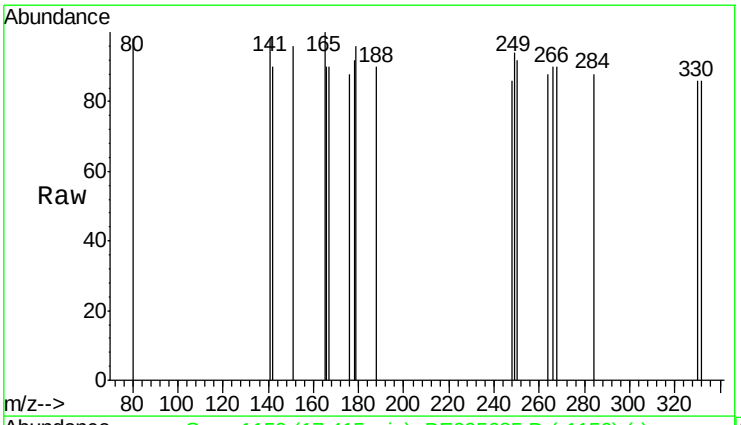
Instrument :
BNA_E
ClientSampleId :

Tgt Ion:284 Resp: 7

Ion	Ratio	Lower	Upper
284	100		
142	0.0	22.1	33.1#
249	85.7	34.8	52.2#



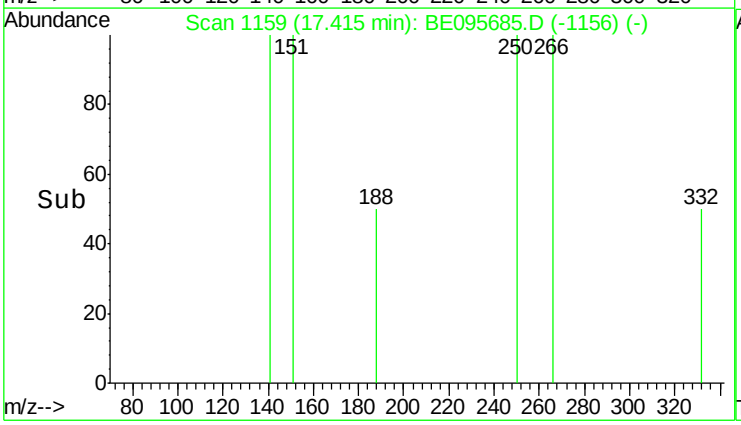


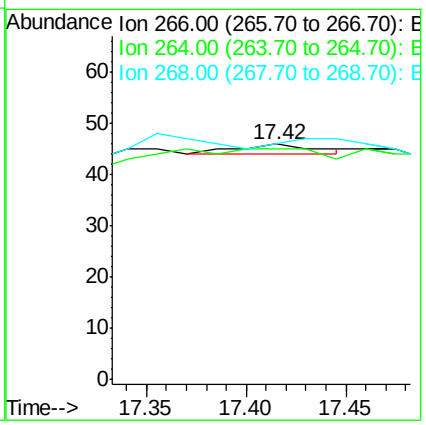


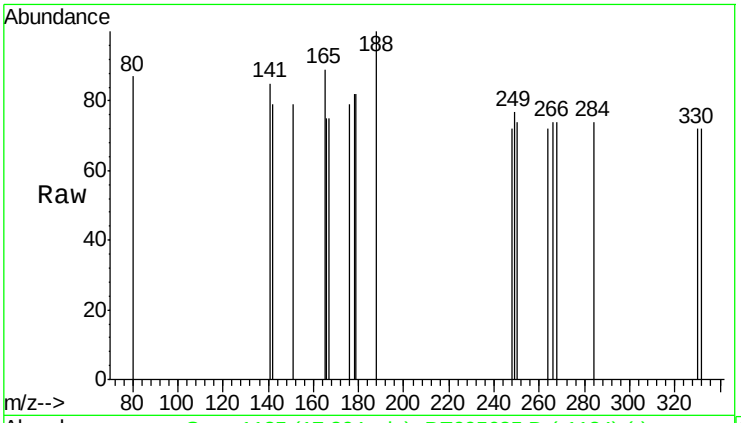
#22
Pentachlorophenol
Concen: 0.183 ng
RT: 17.42 min Scan# 1159
Delta R.T. 0.05 min
Lab File: BE095685.D
Acq: 23 Feb 2018 16:18

Tgt Ion:266 Resp: 5

Ion	Ratio	Lower	Upper
266	100		
264	97.8	72.5	108.7
268	100.0	73.8	110.6





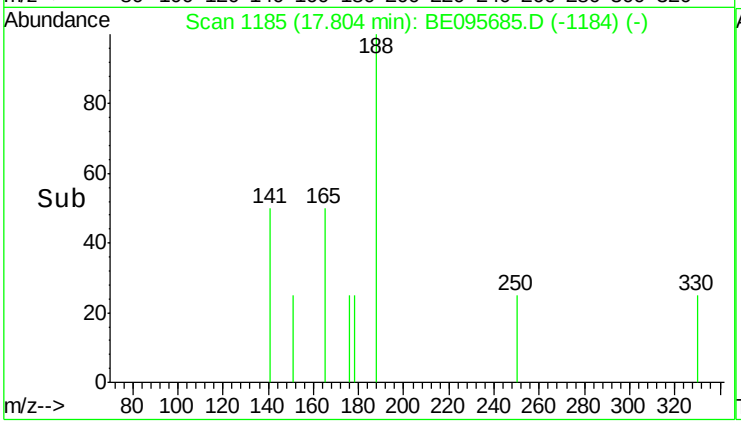


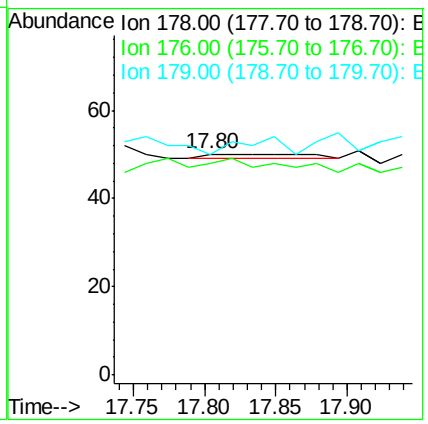
#24
Anthracene
Concen: 0.000 ng
RT: 17.80 min Scan# 1185
Delta R.T. -0.03 min
Lab File: BE095685.D
Acq: 23 Feb 2018 16:18

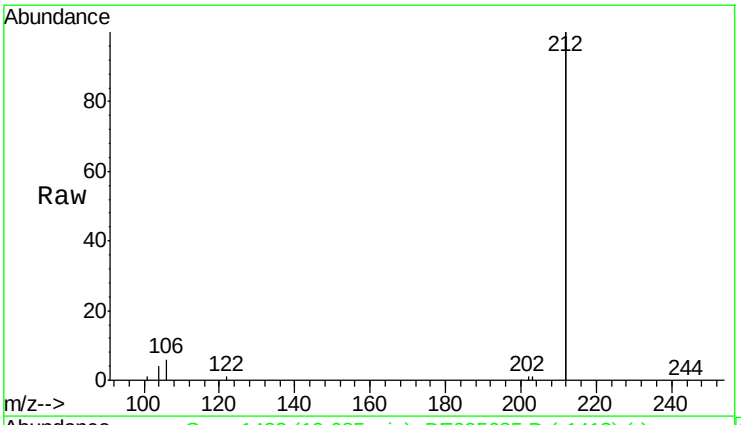
Instrument :
BNA_E
ClientSampleId :

Tgt Ion:178 Resp: 5

Ion	Ratio	Lower	Upper
178	100		
176	0.0	12.8	19.2#
179	0.0	13.0	19.6#



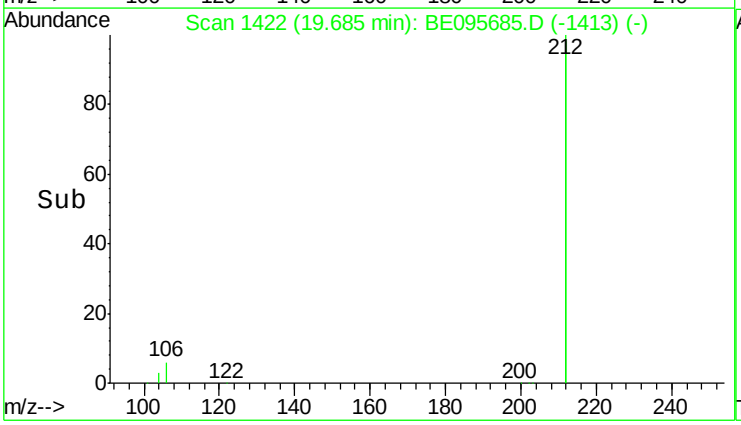


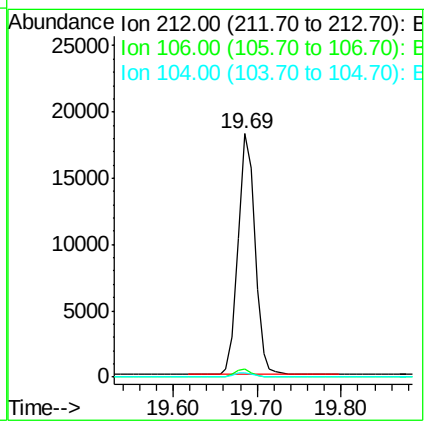


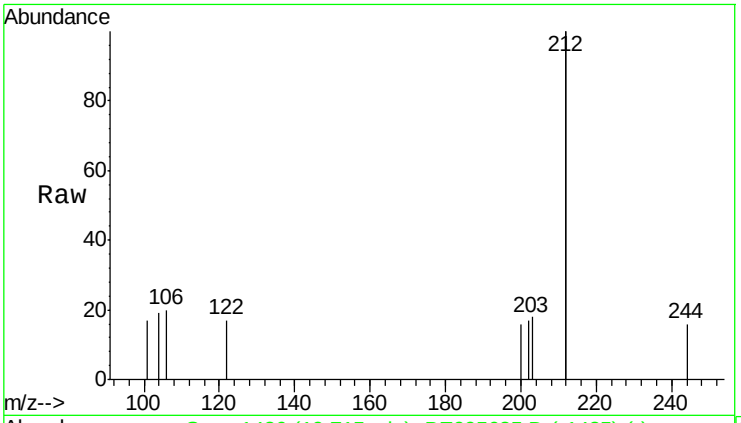
#25
Fluoranthene-d10
Concen: 0.358 ng
RT: 19.69 min Scan# 1422
Delta R.T. -0.00 min
Lab File: BE095685.D
Acq: 23 Feb 2018 16:18

Tgt Ion:212 Resp: 25069

Ion	Ratio	Lower	Upper
212	100		
106	2.8	2.8	4.2
104	1.7	1.6	2.4





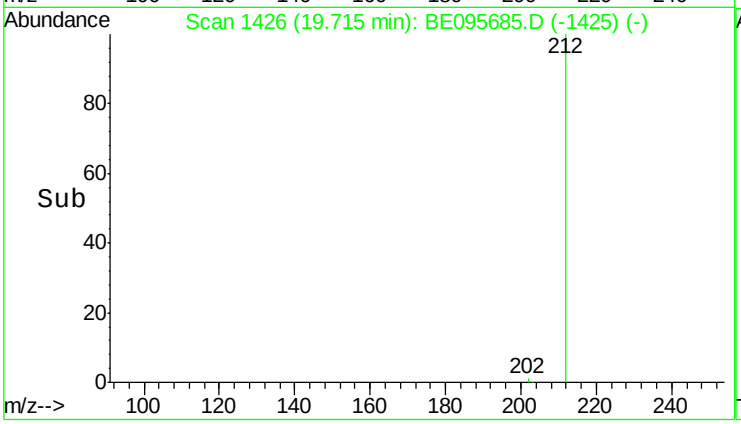


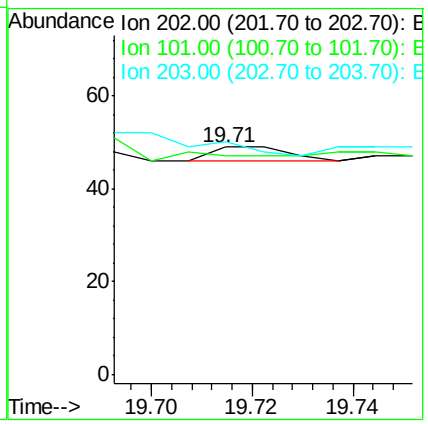
#26
Fluoranthene
Concen: 0.000 ng
RT: 19.71 min Scan# 1426
Delta R.T. -0.00 min
Lab File: BE095685.D
Acq: 23 Feb 2018 16:18

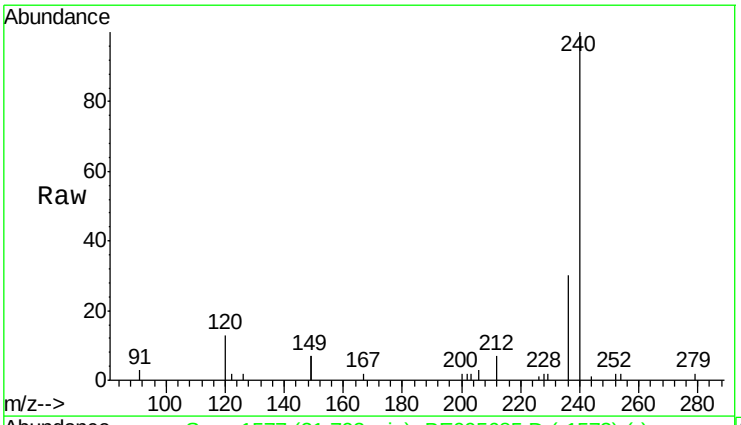
Instrument :
BNA_E
ClientSampleId :

Tgt Ion:202 Resp: 3

Ion	Ratio	Lower	Upper
202	100		
101	0.0	9.8	14.8#
203	0.0	13.7	20.5#



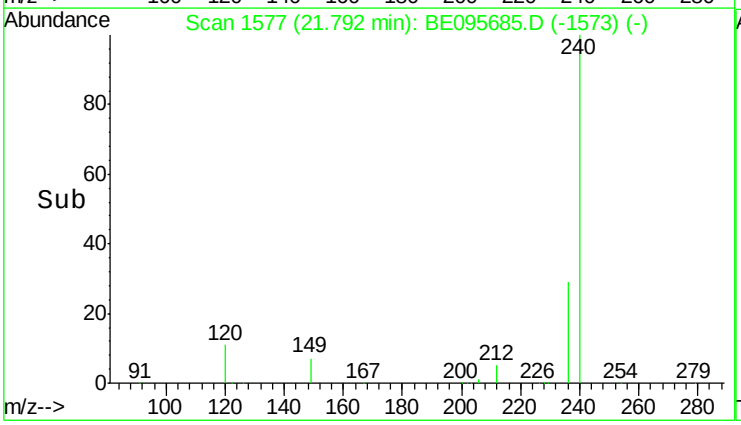


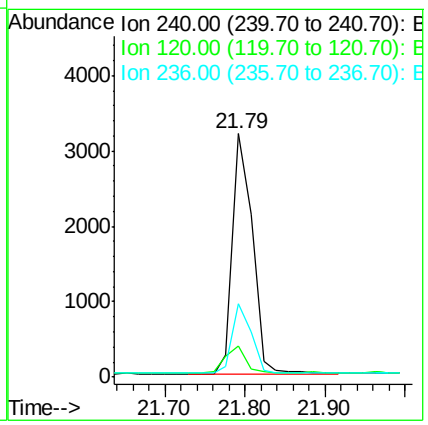


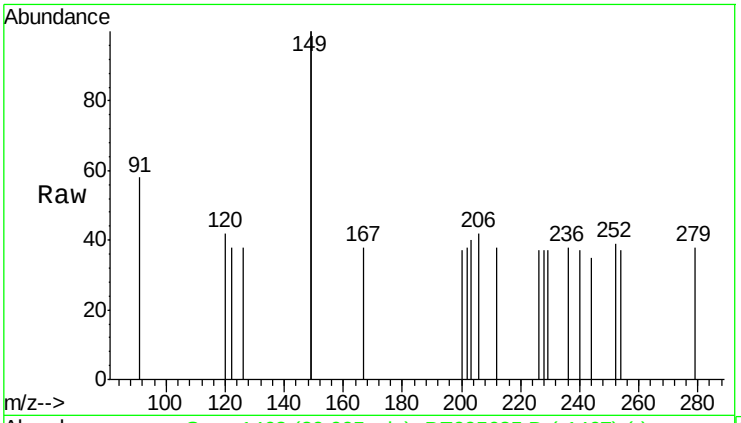
#27
Chrysene-d12
Concen: 0.400 ng
RT: 21.79 min Scan# 1577
Delta R.T. -0.00 min
Lab File: BE095685.D
Acq: 23 Feb 2018 16:18

Tgt Ion:240 Resp: 5483

Ion	Ratio	Lower	Upper
240	100		
120	12.5	5.5	8.3#
236	30.3	20.7	31.1





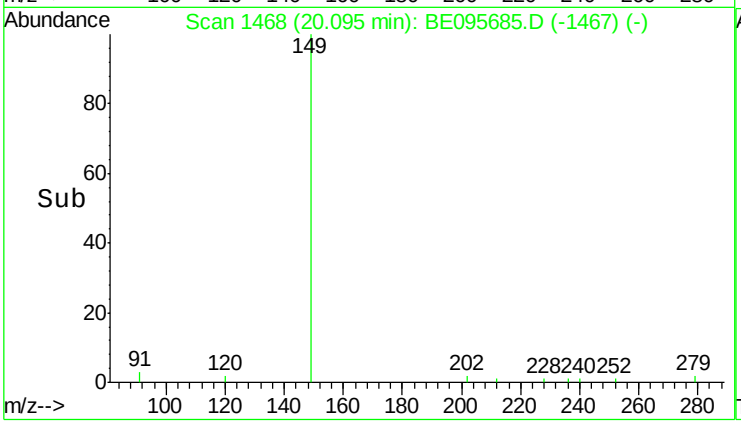


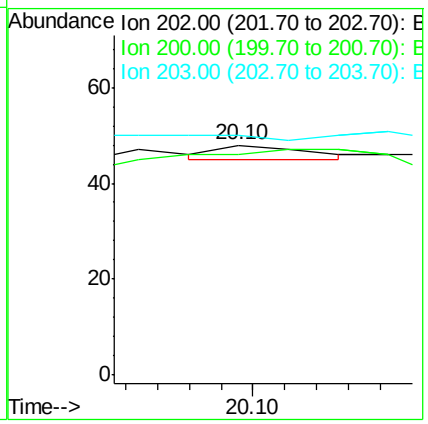
#28
Pyrene
Concen: 0.000 ng
RT: 20.10 min Scan# 1468
Delta R.T. 0.03 min
Lab File: BE095685.D
Acq: 23 Feb 2018 16:18

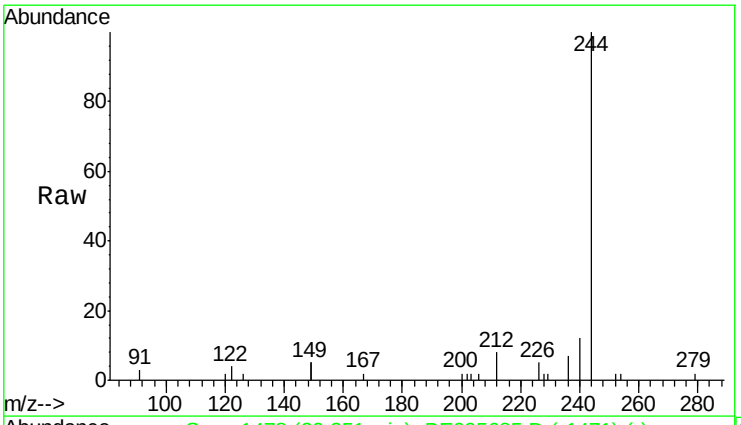
Instrument :
BNA_E
ClientSampleId :

Tgt Ion:202 Resp: 6

Ion	Ratio	Lower	Upper
202	100		
200	116.7	16.6	25.0#
203	0.0	13.8	20.8#



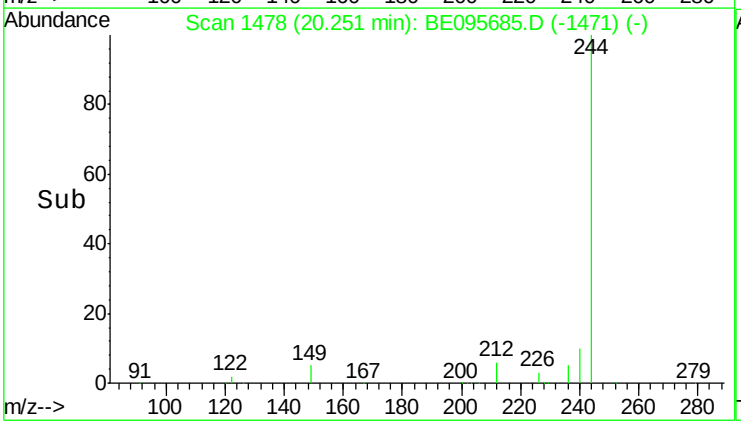


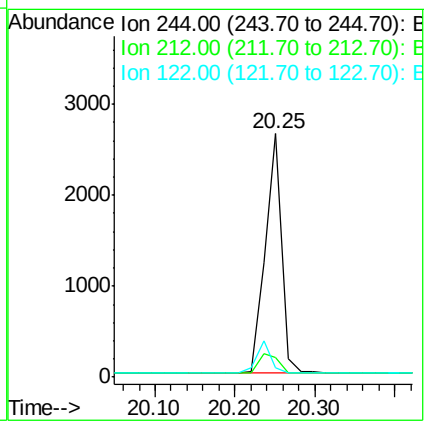


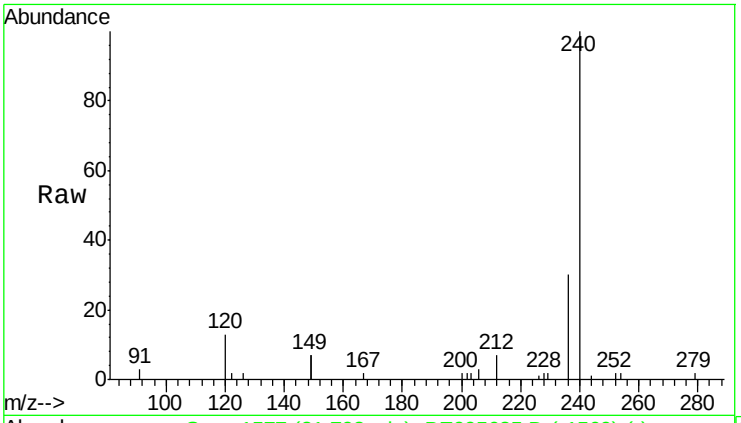
#29
Terphenyl-d14
Concen: 0.349 ng
RT: 20.25 min Scan# 1478
Delta R.T. -0.00 min
Lab File: BE095685.D
Acq: 23 Feb 2018 16:18

Tgt Ion:244 Resp: 3810

Ion	Ratio	Lower	Upper
244	100		
212	7.9	25.4	38.0#
122	3.9	8.1	12.1#





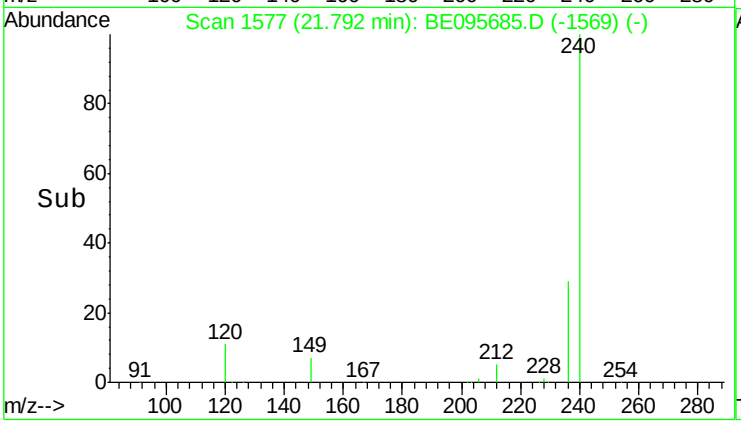


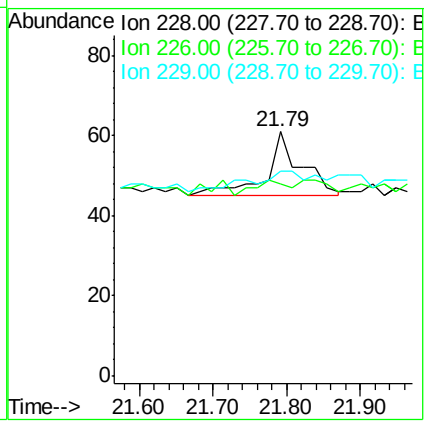
#30
Benzo(a)anthracene
Concen: 0.003 ng
RT: 21.79 min Scan# 1577
Delta R.T. 0.02 min
Lab File: BE095685.D
Acq: 23 Feb 2018 16:18

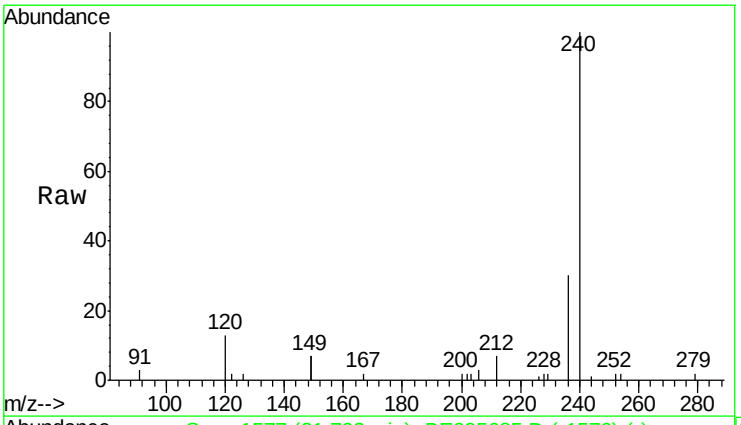
Instrument :
BNA_E
ClientSampleId :

Tgt Ion:228 Resp: 53

Ion	Ratio	Lower	Upper
228	100		
226	78.7	24.0	36.0#
229	83.6	16.0	24.0#



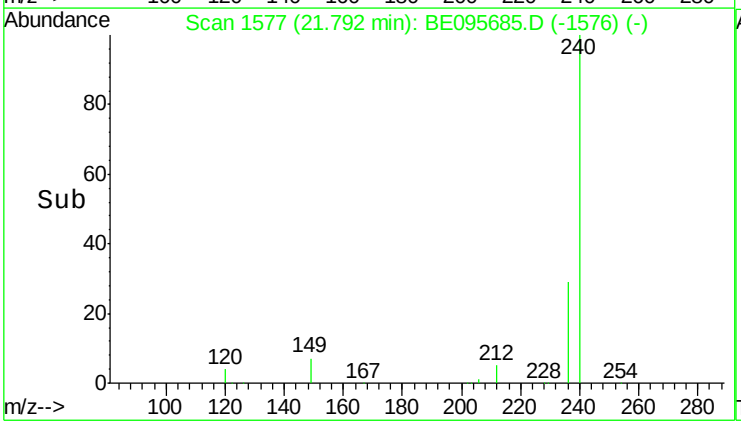


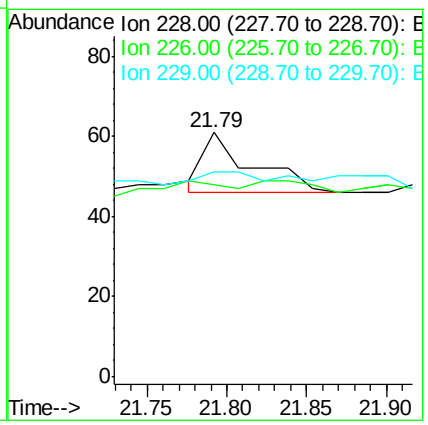


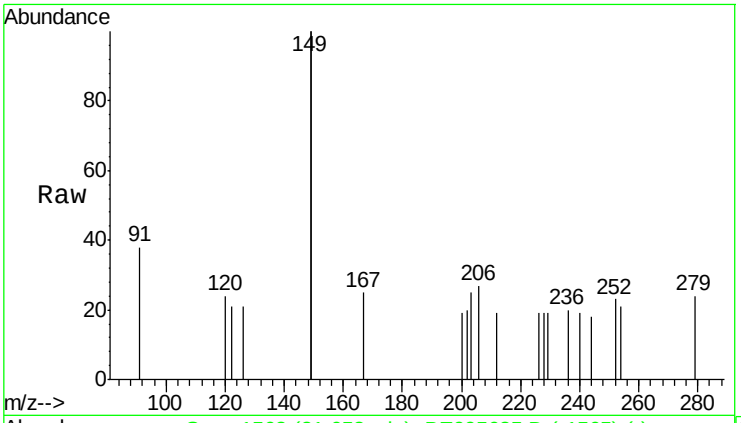
#31
Chrysene
Concen: 0.002 ng
RT: 21.79 min Scan# 1577
Delta R.T. -0.05 min
Lab File: BE095685.D
Acq: 23 Feb 2018 16:18

Tgt Ion:228 Resp: 32

Ion	Ratio	Lower	Upper
228	100		
226	78.7	24.0	36.0#
229	83.6	16.0	24.0#





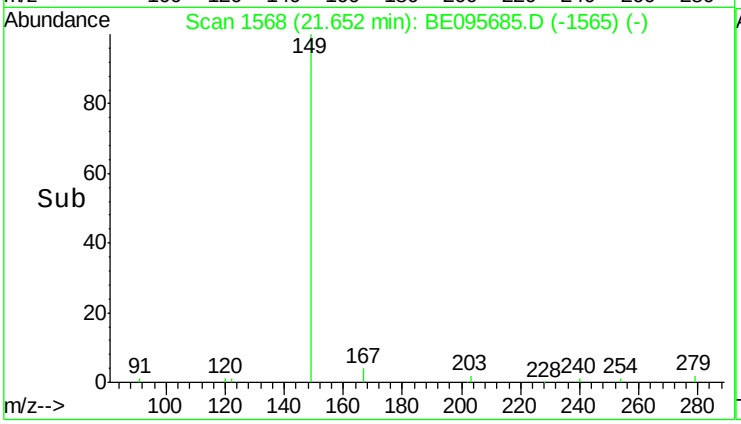


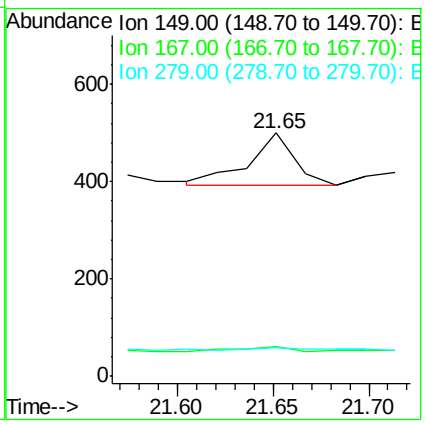
#32
Bis(2-ethylhexyl)phthalate
Concen: 0.006 ng
RT: 21.65 min Scan# 1568
Delta R.T. -0.00 min
Lab File: BE095685.D
Acq: 23 Feb 2018 16:18

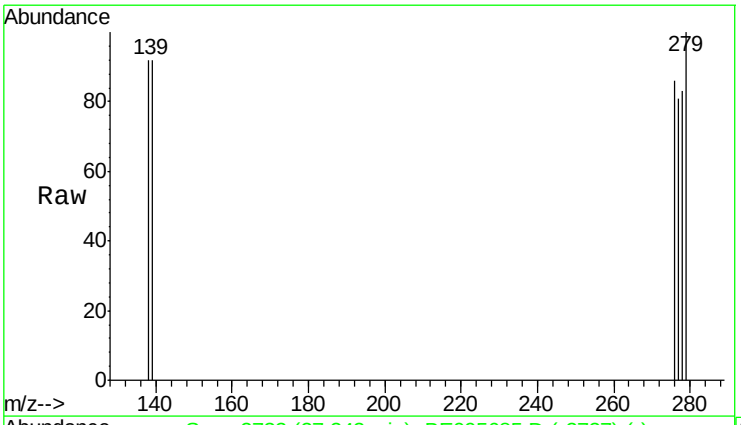
Instrument :
BNA_E
ClientSampleId :

Tgt Ion:149 Resp: 181

Ion	Ratio	Lower	Upper
149	100		
167	9.9	5.4	8.0#
279	11.6	0.7	1.1#



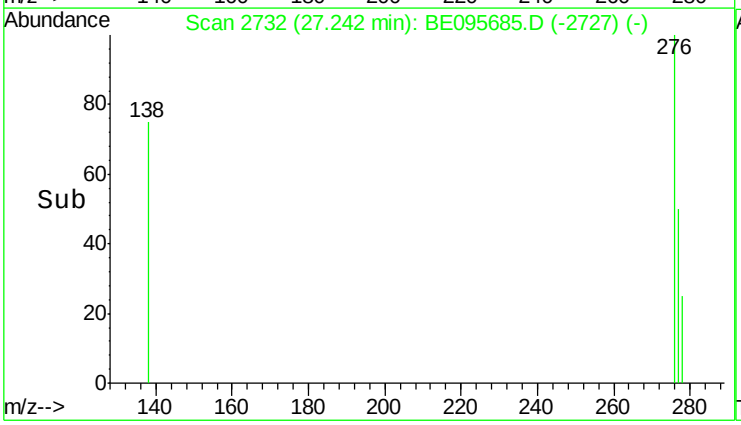


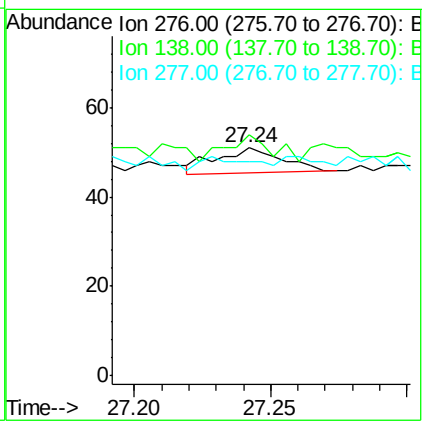


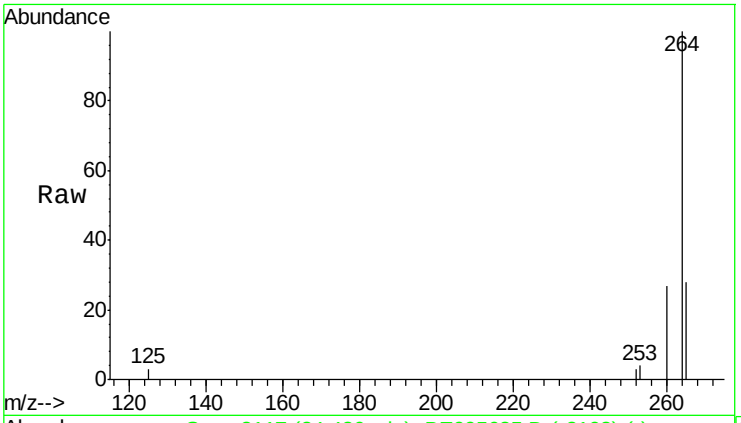
#33
Indeno(1,2,3-cd)pyrene
Concen: 0.001 ng
RT: 27.24 min Scan# 2732
Delta R.T. 0.01 min
Lab File: BE095685.D
Acq: 23 Feb 2018 16:18

Tgt Ion:276 Resp: 9

Ion	Ratio	Lower	Upper
276	100		
138	77.8	22.5	33.7#
277	22.2	19.9	29.9





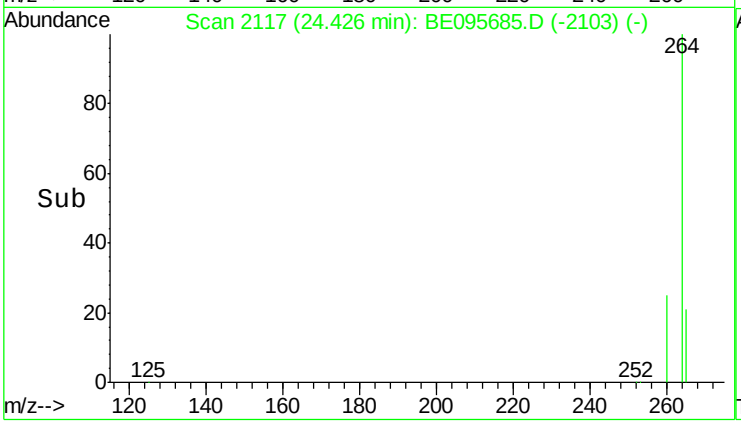


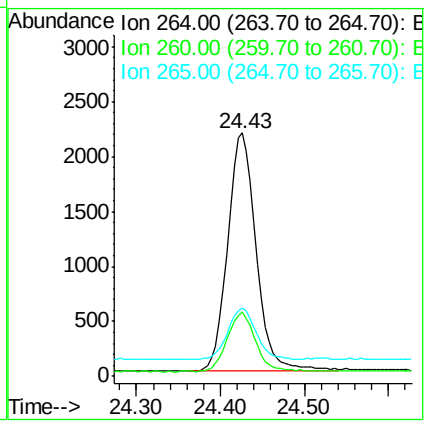
#34
Perylene-d12
Concen: 0.400 ng
RT: 24.43 min Scan# 2117
Delta R.T. 0.00 min
Lab File: BE095685.D
Acq: 23 Feb 2018 16:18

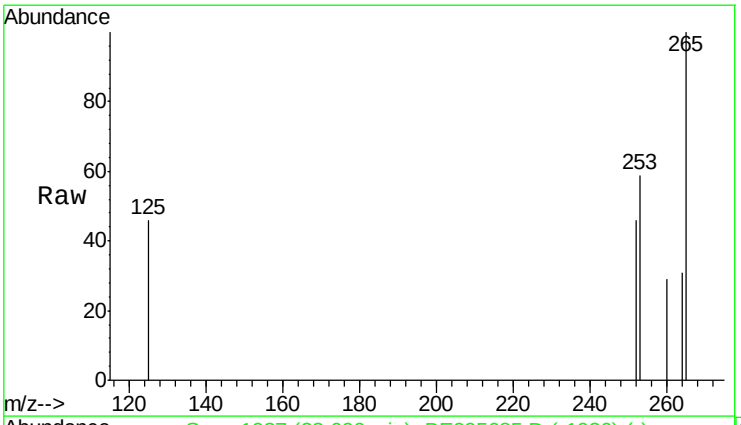
Instrument :
BNA_E
ClientSampleId :

Tgt Ion:264 Resp: 5104

Ion	Ratio	Lower	Upper
264	100		
260	26.6	20.5	30.7
265	27.8	22.8	34.2



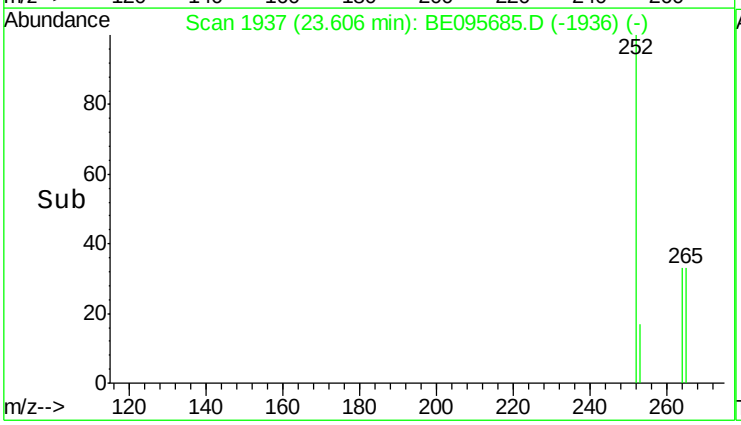


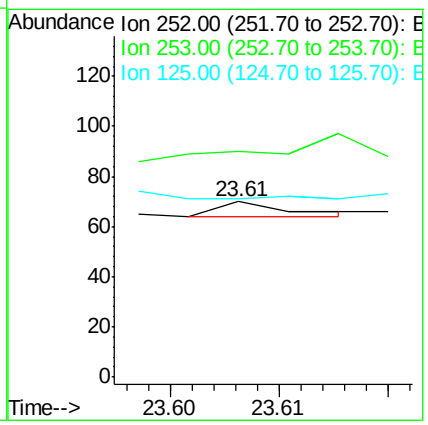


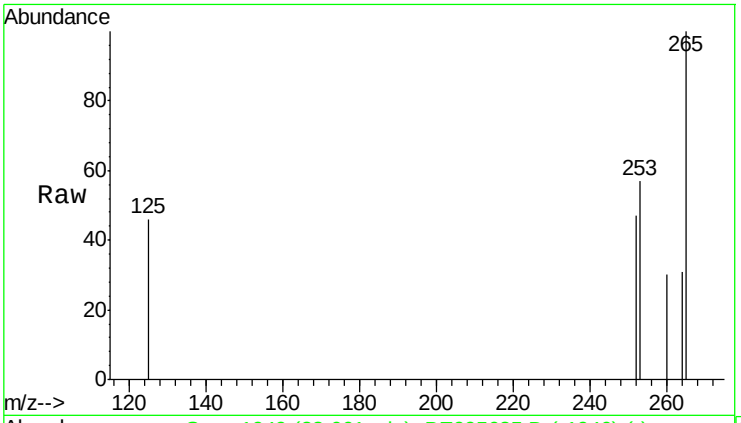
#35
Benzo(b)fluoranthene
Concen: 0.000 ng
RT: 23.61 min Scan# 1937
Delta R.T. -0.00 min
Lab File: BE095685.D
Acq: 23 Feb 2018 16:18

Tgt Ion:252 Resp: 3

Ion	Ratio	Lower	Upper
252	100		
253	128.6	20.0	30.0#
125	101.4	16.0	24.0#





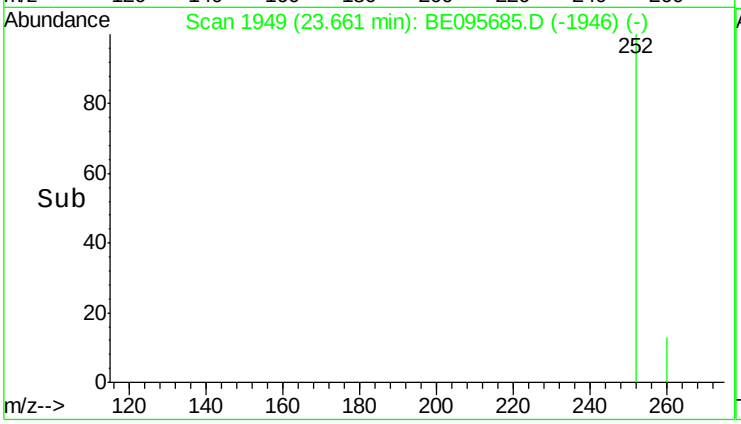


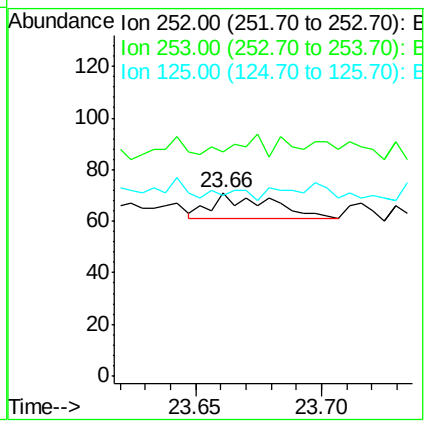
#36
Benzo(k)fluoranthene
Concen: 0.001 ng
RT: 23.66 min Scan# 1949
Delta R.T. -0.00 min
Lab File: BE095685.D
Acq: 23 Feb 2018 16:18

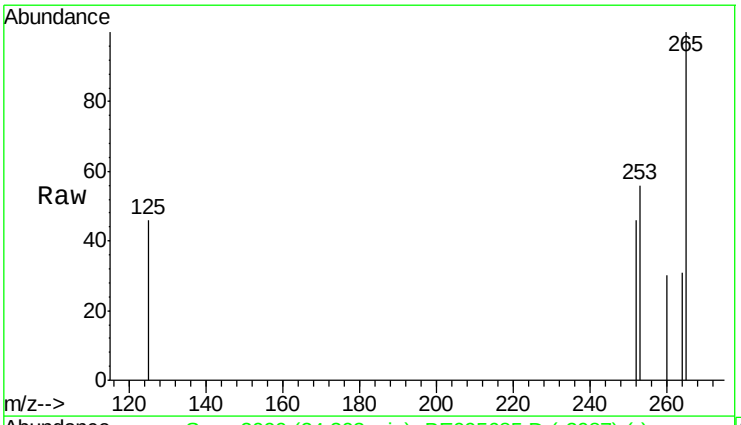
Instrument :
BNA_E
ClientSampleId :

Tgt Ion:252 Resp: 16

Ion	Ratio	Lower	Upper
252	100		
253	122.5	16.0	24.0#
125	98.6	8.0	12.0#



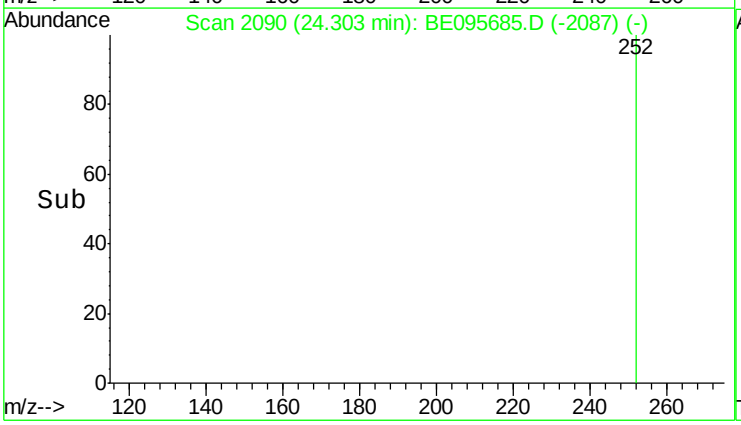


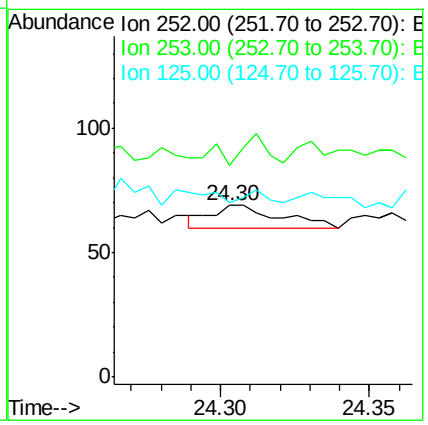


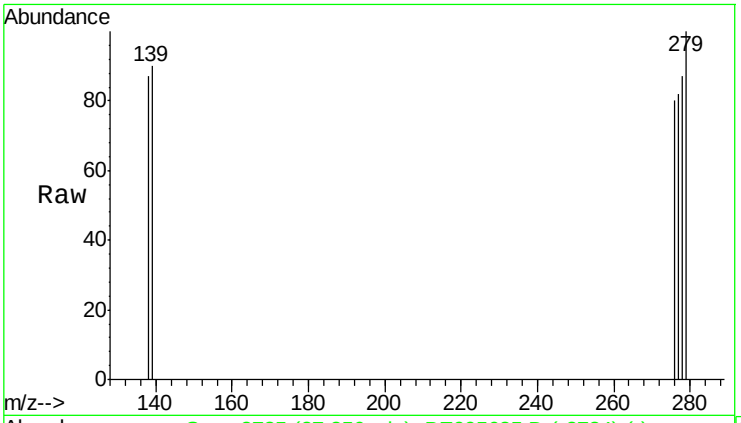
#37
Benzo(a)pyrene
Concen: 0.001 ng
RT: 24.30 min Scan# 2090
Delta R.T. -0.00 min
Lab File: BE095685.D
Acq: 23 Feb 2018 16:18

Tgt Ion:252 Resp: 14

Ion	Ratio	Lower	Upper
252	100		
253	123.2	16.0	24.0#
125	101.4	12.0	18.0#





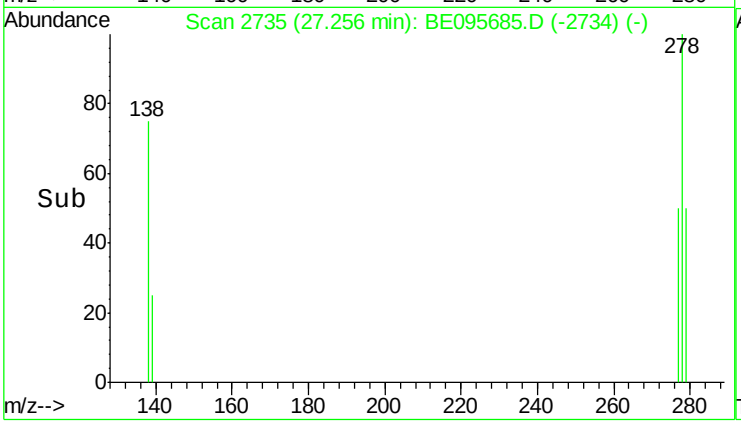


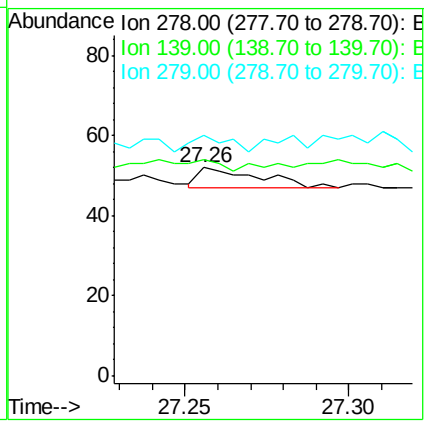
#38
Dibenzo(a,h)anthracene
Concen: 0.000 ng
RT: 27.26 min Scan# 2735
Delta R.T. 0.01 min
Lab File: BE095685.D
Acq: 23 Feb 2018 16:18

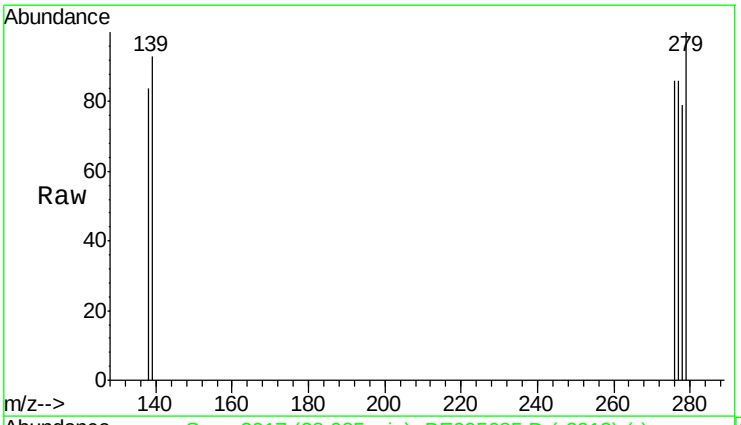
Instrument :
BNA_E
ClientSampleId :

Tgt Ion:278 Resp: 6

Ion	Ratio	Lower	Upper
278	100		
139	103.8	16.0	24.0#
279	115.4	20.0	30.0#







#39
Benzo(g,h,i)perylene
Concen: 0.000 ng
RT: 28.09 min Scan# 2917
Delta R.T. -0.01 min
Lab File: BE095685.D
Acq: 23 Feb 2018 16:18

Tgt Ion:276 Resp: 4

Ion	Ratio	Lower	Upper
276	100		
277	100.0	16.0	24.0#
138	97.9	20.0	30.0#