

Data Path : Z:\SVOASRV\HPCHEM1\BNA E\DATA\BE073118\
 Data File : BE097119.D
 Acq On : 31 Jul 2018 13:02
 Operator : SJ/JU
 Sample : J4211-03
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :

Quant Time: Jul 31 13:49:33 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA E\METHODS\8270-SIM-BE072418.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Jul 31 10:49:28 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.39	152	1471	0.40	ng	0.00
7) Naphthalene-d8	10.15	136	7476	0.40	ng	0.00
13) Acenaphthene-d10	14.01	164	4594	0.40	ng	0.00
19) Phenanthrene-d10	16.77	188	12806	0.40	ng	0.00
27) Chrysene-d12	20.98	240	14641	0.40	ng	0.00
34) Perylene-d12	23.21	264	14027	0.40	ng	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
4) 2-Fluorophenol	5.07	112	750	0.18	ng	0.01
5) Phenol-d6	6.61	99	642	0.11	ng	0.01
8) Nitrobenzene-d5	8.53	82	2700	0.42	ng	0.01
11) 2-Methylnaphthalene-d10	11.73	152	4021	0.36	ng	0.00
14) 2,4,6-Tribromophenol	15.52	330	739	0.49	ng	0.00
15) 2-Fluorobiphenyl	12.63	172	6473	0.41	ng	0.00
25) Fluoranthene-d10	18.81	212	59840	0.47	ng	0.00
29) Terphenyl-d14	19.43	244	14095	0.50	ng	0.00

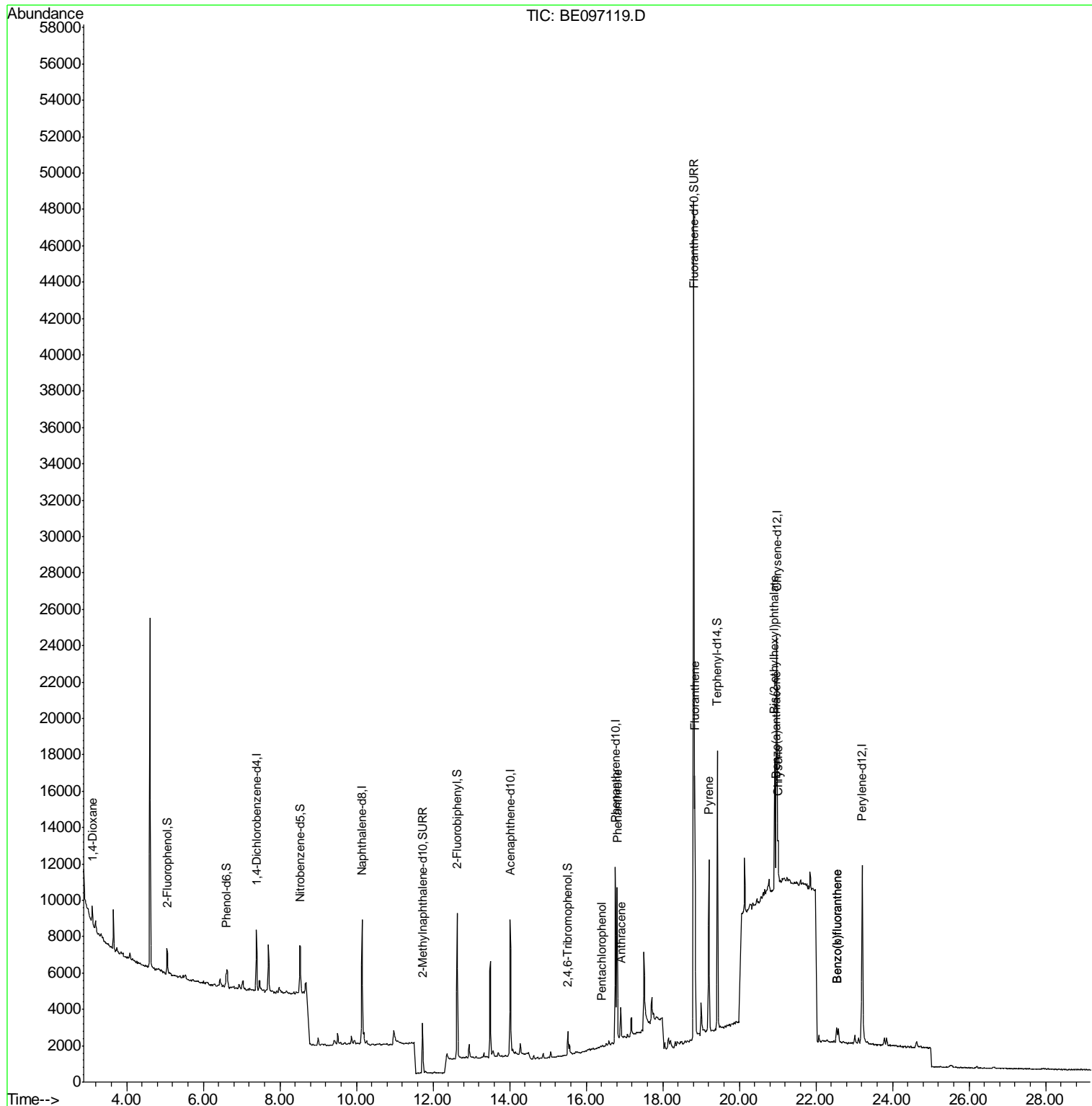
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) 1,4-Dioxane	3.10	88	495	0.212	ng	# 60
22) Pentachlorophenol	16.42	266	33	0.056	ng	95
23) Phenanthrene	16.81	178	9308	0.305	ng	97
24) Anthracene	16.91	178	2036	0.075	ng	# 90
26) Fluoranthene	18.84	202	12439	0.363	ng	# 94
28) Pyrene	19.20	202	8967	0.223	ng	# 95
30) Benzo(a)anthracene	20.95	228	2459	0.068	ng	# 75
31) Chrysene	21.02	228	2510	0.064	ng	# 72
32) Bis(2-ethylhexyl)phthalate	20.92	149	11734	0.308	ng	# 98
35) Benzo(b)fluoranthene	22.54	252	1431	0.040	ng	# 31
36) Benzo(k)fluoranthene	22.54	252	1431	0.034	ng	# 3

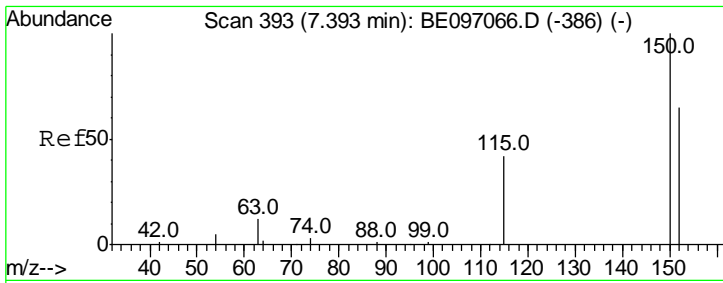
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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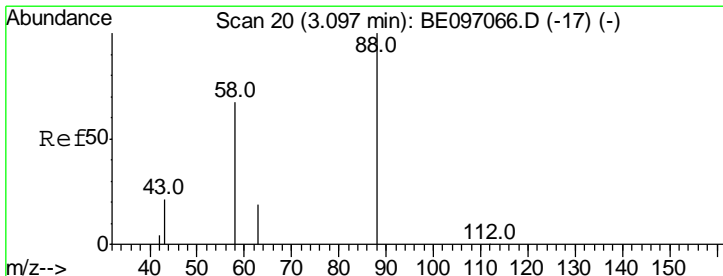
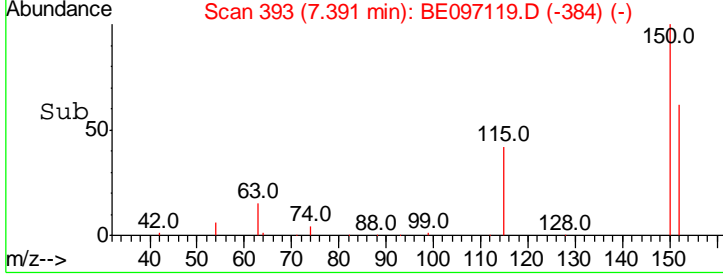
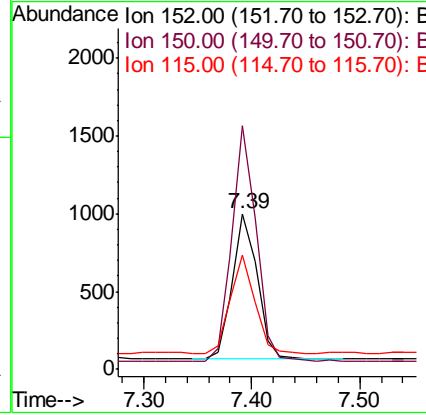
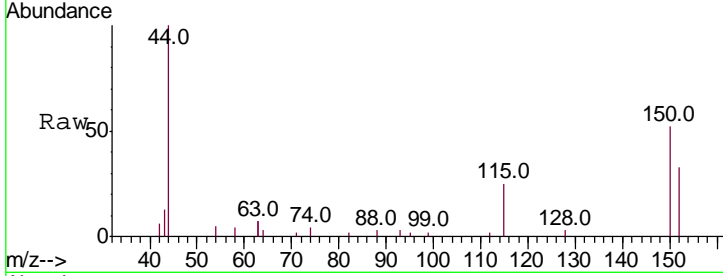




#1
 1,4-Dichlorobenzene-d4
 Concen: 0.400 ng
 RT: 7.39 min Scan# 393
 Delta R.T. 0.00 min
 Lab File: BE097119.D
 Acq: 31 Jul 2018 13:02

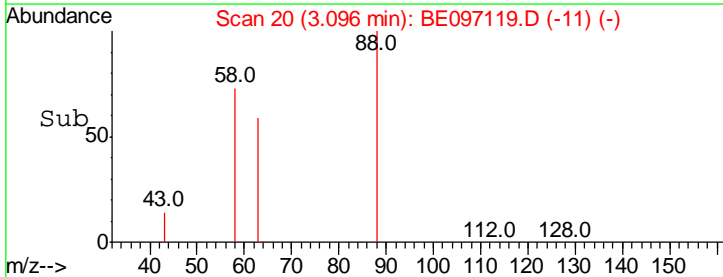
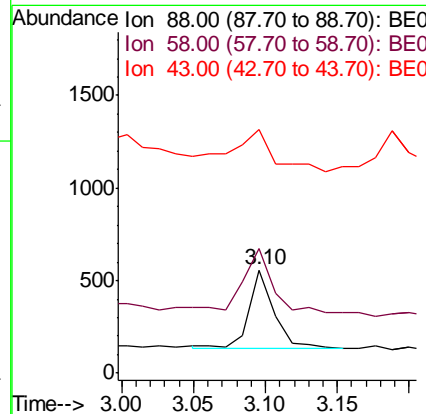
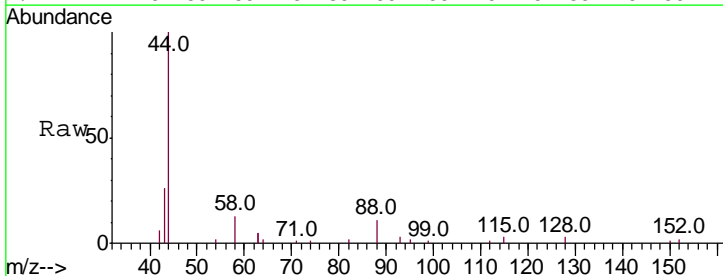
Instrument :
 BNA_E
 ClientSampled :

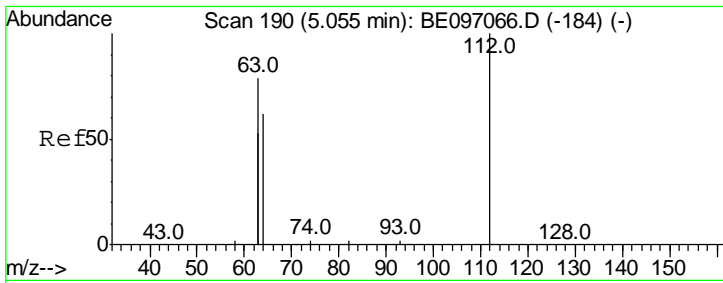
Tgt Ion	Resp	Lower	Upper
152	1471		
152	100		
150	156.7	117.2	175.8
115	73.4	57.0	85.6



#2
 1,4-Dioxane
 Concen: 0.212 ng
 RT: 3.10 min Scan# 20
 Delta R.T. 0.00 min
 Lab File: BE097119.D
 Acq: 31 Jul 2018 13:02

Tgt Ion	Resp	Lower	Upper
88	495		
88	100		
58	100.8	63.2	94.8#
43	96.4	41.2	61.8#

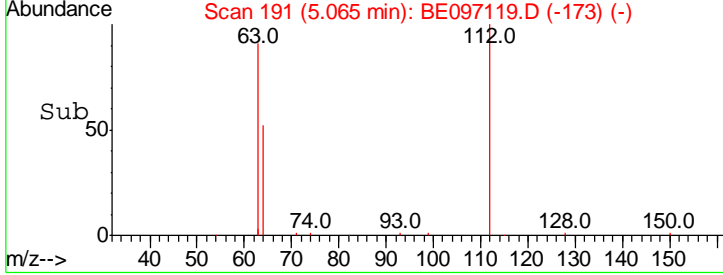
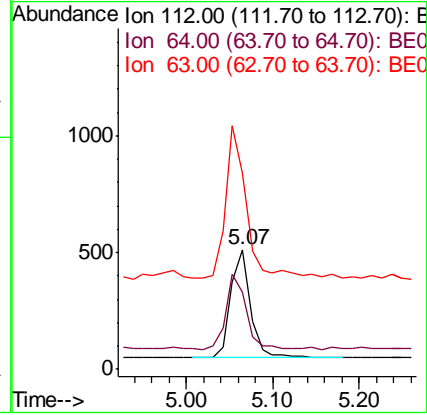
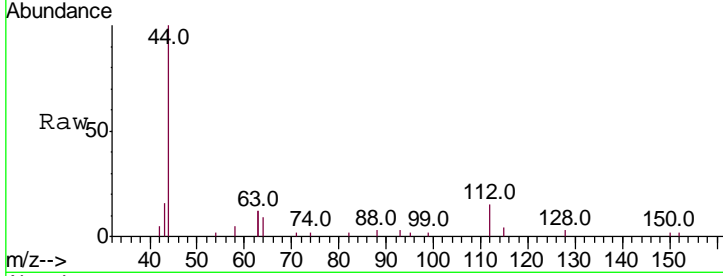




#4
 2-Fluorophenol
 Concen: 0.181 ng
 RT: 5.07 min Scan# 191
 Delta R.T. 0.01 min
 Lab File: BE097119.D
 Acq: 31 Jul 2018 13:02

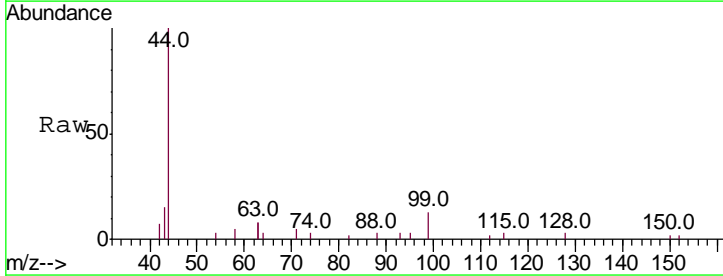
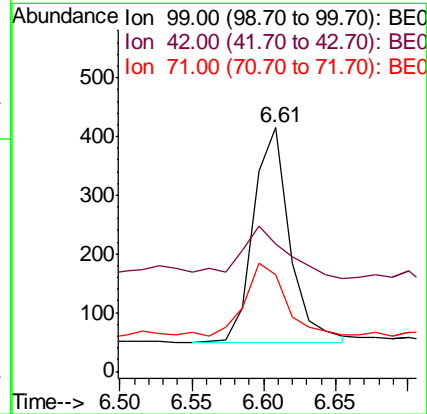
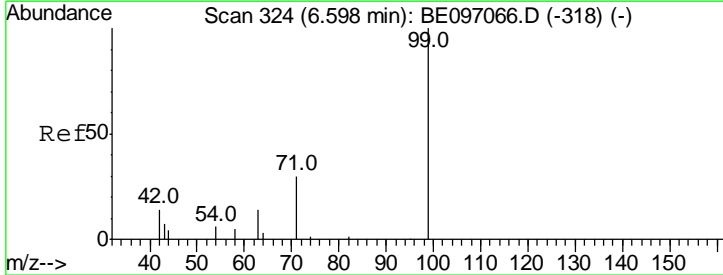
Instrument :
 BNA_E
 ClientSampled :

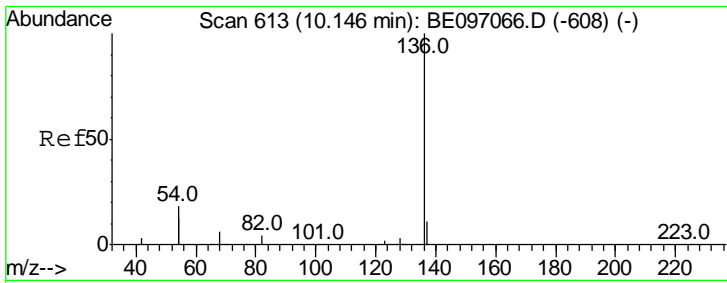
Tgt Ion	Resp	Lower	Upper
112	100		
64	74.7	60.1	90.1
63	149.9	116.8	175.2



#5
 Phenol-d6
 Concen: 0.106 ng
 RT: 6.61 min Scan# 325
 Delta R.T. 0.01 min
 Lab File: BE097119.D
 Acq: 31 Jul 2018 13:02

Tgt Ion	Resp	Lower	Upper
99	100		
42	30.5	20.2	30.2#
71	35.4	28.4	42.6

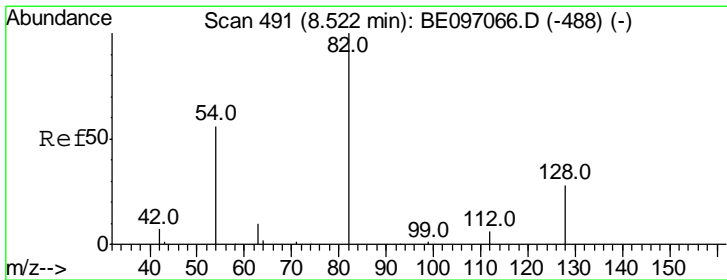
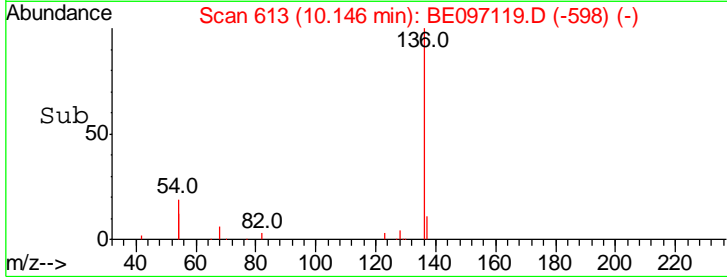
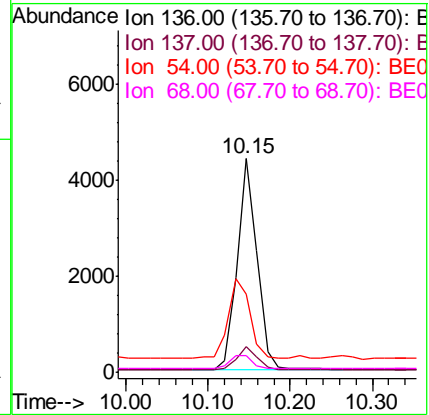
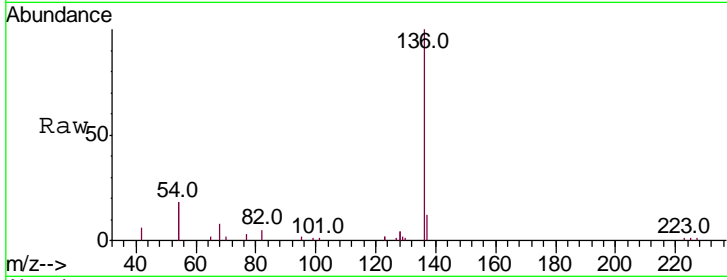




#7
 Naphthalene-d8
 Concen: 0.400 ng
 RT: 10.15 min Scan# 613
 Delta R.T. 0.00 min
 Lab File: BE097119.D
 Acq: 31 Jul 2018 13:02

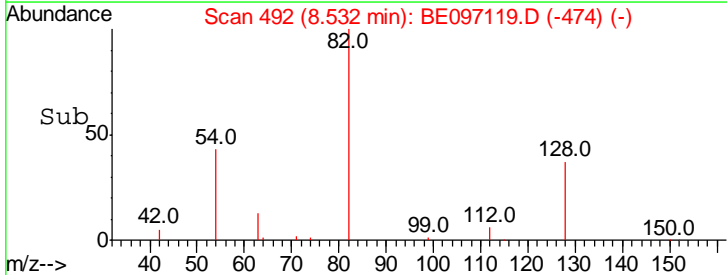
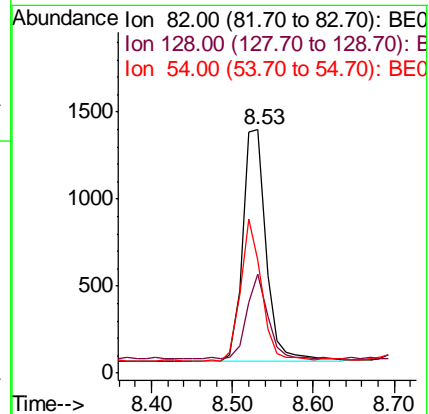
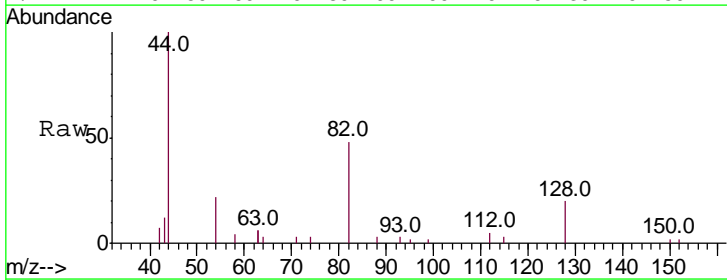
Instrument :
 BNA_E
 ClientSampled :

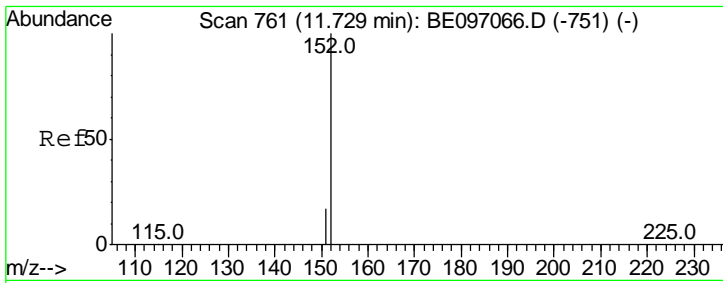
Tgt Ion	Resp	Lower	Upper
136	100		
137	12.1	9.5	14.3
54	36.7	29.1	43.7
68	7.7	6.2	9.2



#8
 Nitrobenzene-d5
 Concen: 0.416 ng
 RT: 8.53 min Scan# 492
 Delta R.T. 0.01 min
 Lab File: BE097119.D
 Acq: 31 Jul 2018 13:02

Tgt Ion	Resp	Lower	Upper
82	100		
128	40.8	24.0	36.0#
54	46.4	40.0	60.0



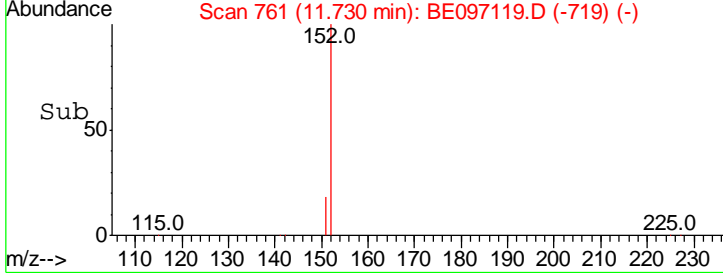
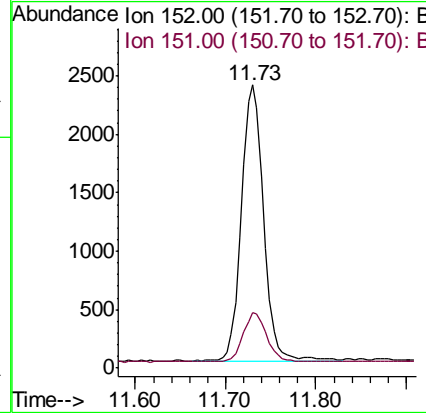
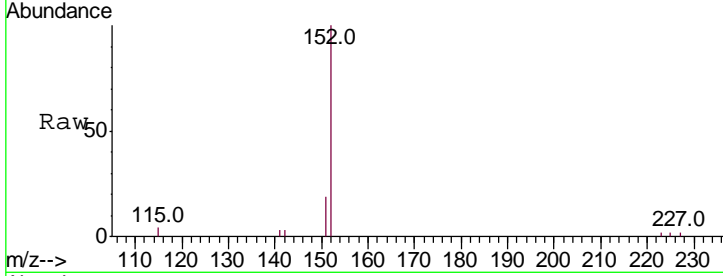


#11
 2-Methylnaphthalene-d10
 Concen: 0.359 ng
 RT: 11.73 min Scan# 761
 Delta R.T. 0.01 min
 Lab File: BE097119.D
 Acq: 31 Jul 2018 13:02

Instrument :
 BNA_E
 ClientSampled :

Tgt Ion:152 Resp: 4021

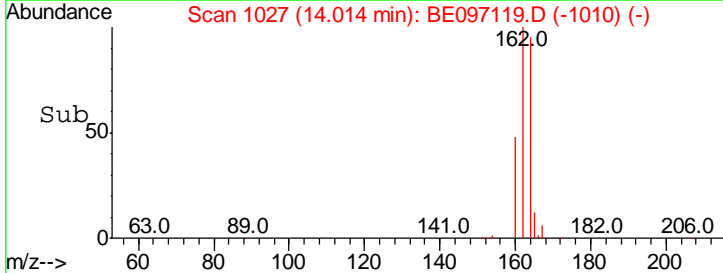
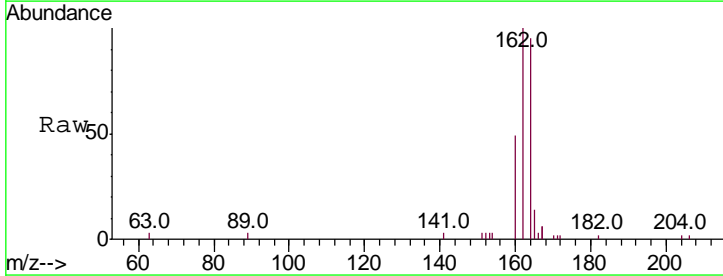
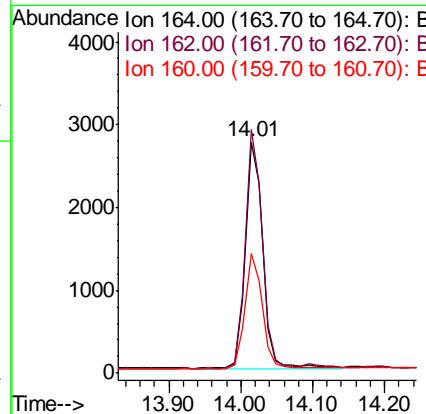
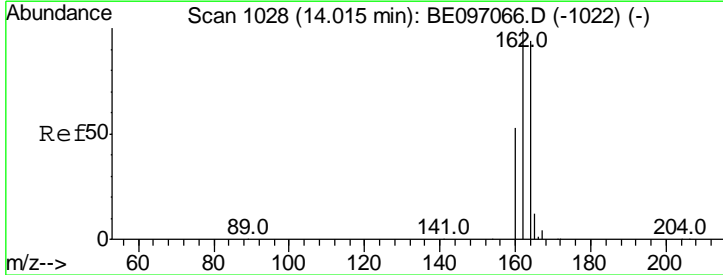
Ion	Ratio	Lower	Upper
152	100		
151	19.2	15.4	23.0

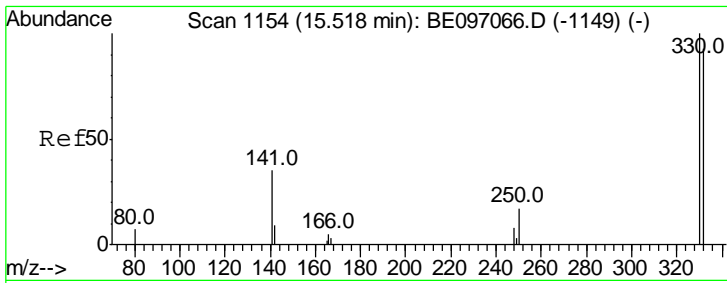


#13
 Acenaphthene-d10
 Concen: 0.400 ng
 RT: 14.01 min Scan# 1027
 Delta R.T. -0.00 min
 Lab File: BE097119.D
 Acq: 31 Jul 2018 13:02

Tgt Ion:164 Resp: 4594

Ion	Ratio	Lower	Upper
164	100		
162	105.2	83.1	124.7
160	51.6	37.1	55.7

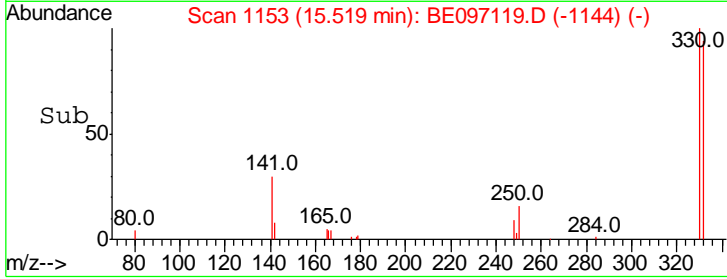
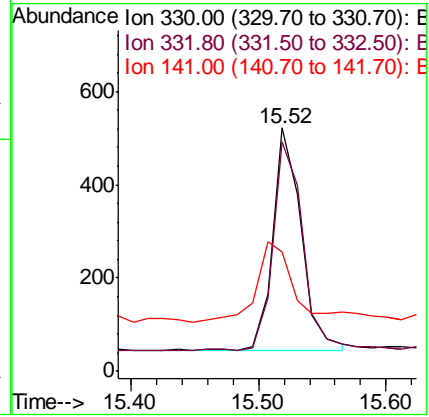
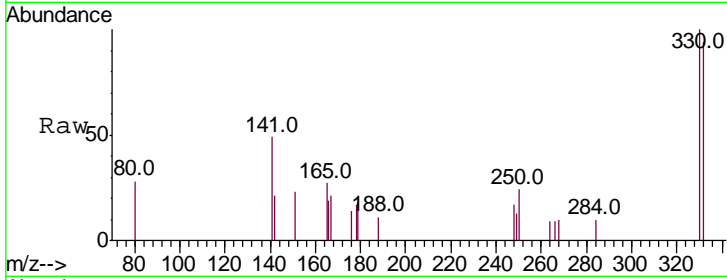




#14
 2,4,6-Tribromophenol
 Concen: 0.489 ng
 RT: 15.52 min Scan# 1153
 Delta R.T. 0.00 min
 Lab File: BE097119.D
 Acq: 31 Jul 2018 13:02

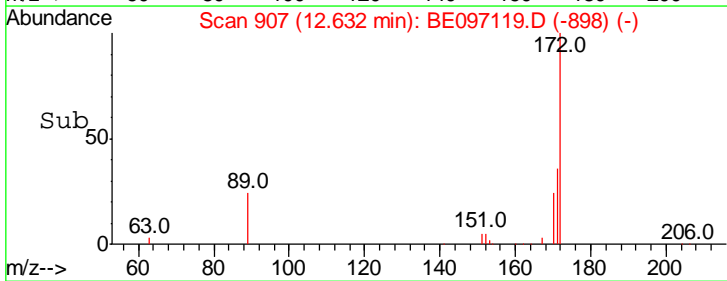
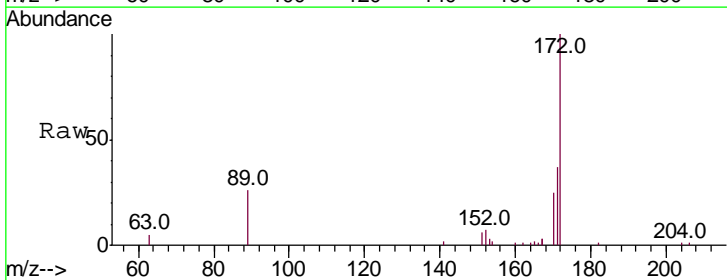
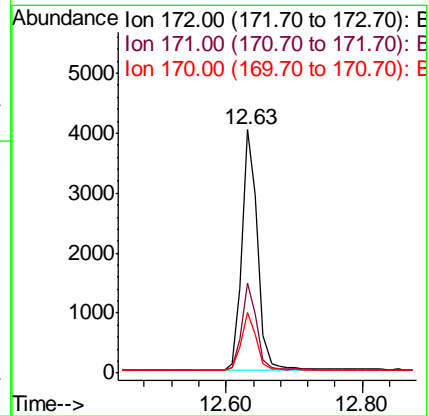
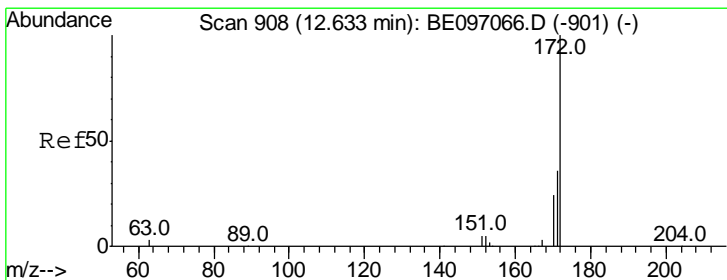
Instrument :
 BNA_E
 ClientSampled :

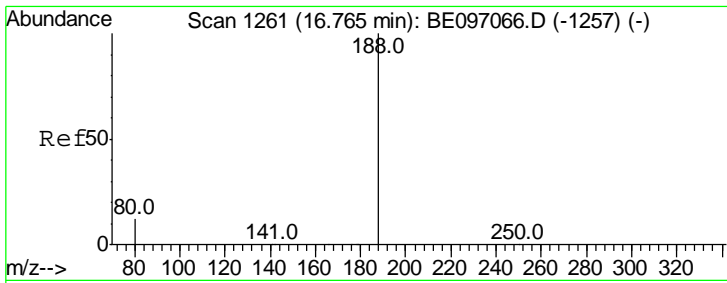
Tgt Ion	Resp	Lower	Upper
330	100		
332	97.8	152.7	229.1#
141	45.9	33.7	50.5



#15
 2-Fluorobiphenyl
 Concen: 0.408 ng
 RT: 12.63 min Scan# 907
 Delta R.T. -0.00 min
 Lab File: BE097119.D
 Acq: 31 Jul 2018 13:02

Tgt Ion	Resp	Lower	Upper
172	100		
171	36.9	29.9	44.9
170	24.7	21.8	32.8

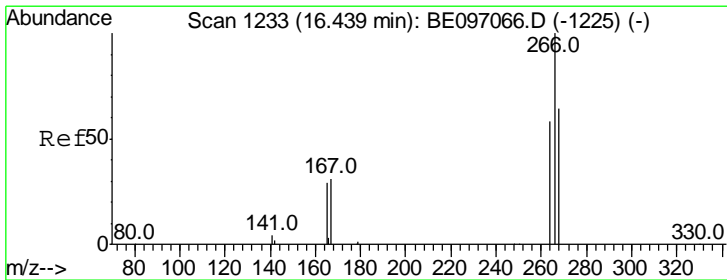
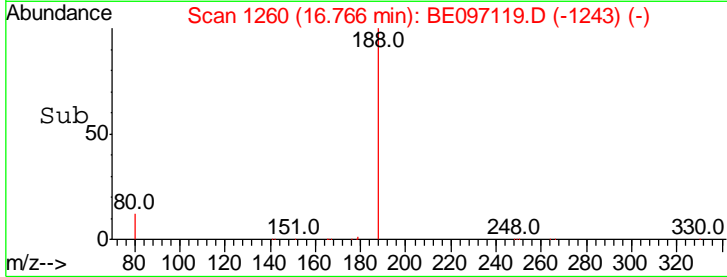
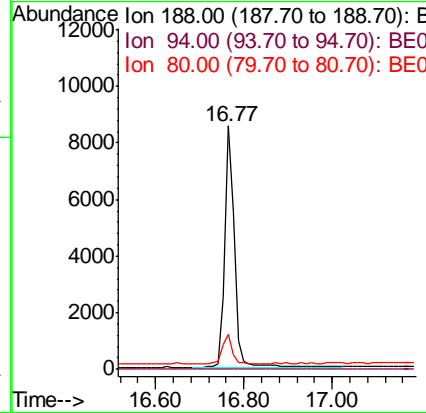
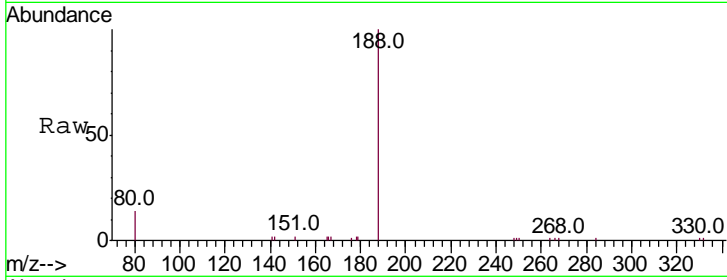




#19
 Phenanthrene-d10
 Concen: 0.400 ng
 RT: 16.77 min Scan# 1260
 Delta R.T. 0.00 min
 Lab File: BE097119.D
 Acq: 31 Jul 2018 13:02

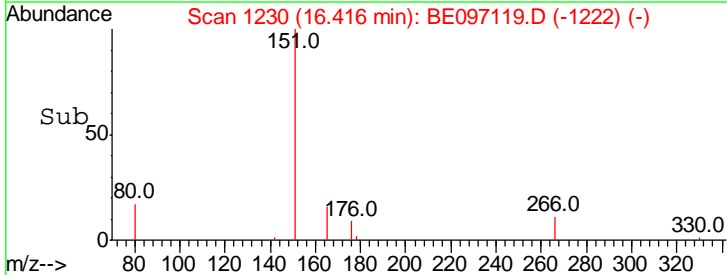
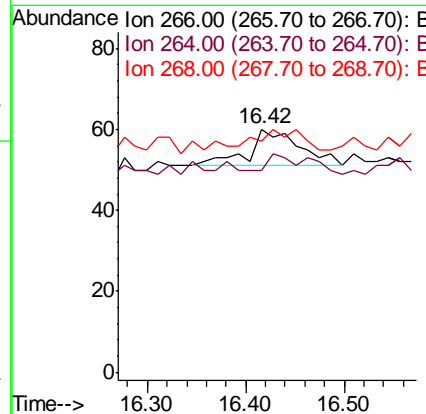
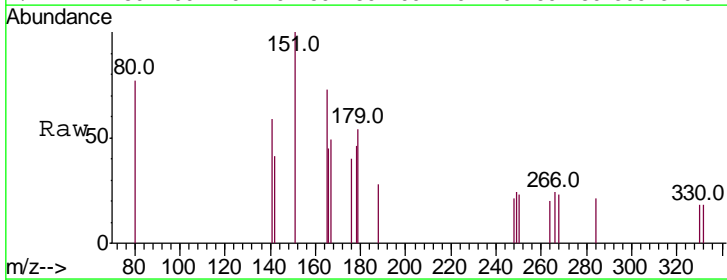
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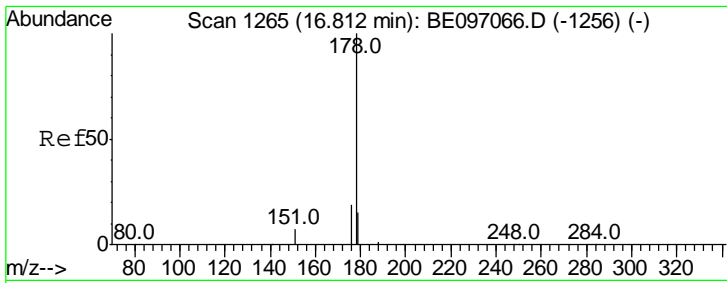
Tgt Ion	Resp	Lower	Upper
188	100		
94	0.0	3.9	5.9#
80	14.3	3.6	5.4#



#22
 Pentachlorophenol
 Concen: 0.056 ng
 RT: 16.42 min Scan# 1230
 Delta R.T. -0.01 min
 Lab File: BE097119.D
 Acq: 31 Jul 2018 13:02

Tgt Ion	Resp	Lower	Upper
266	100		
264	83.3	72.5	108.7
268	95.0	73.8	110.6

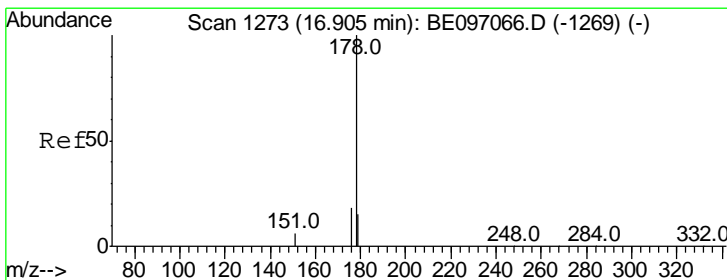
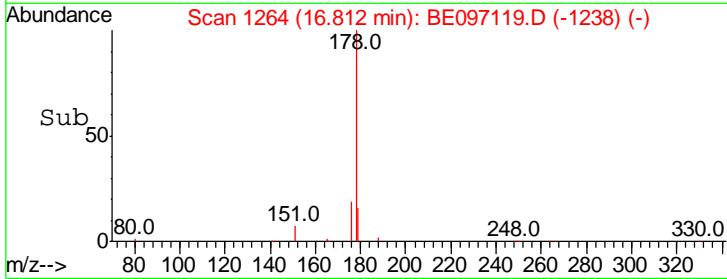
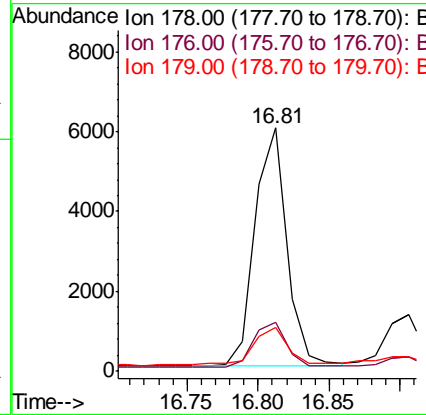
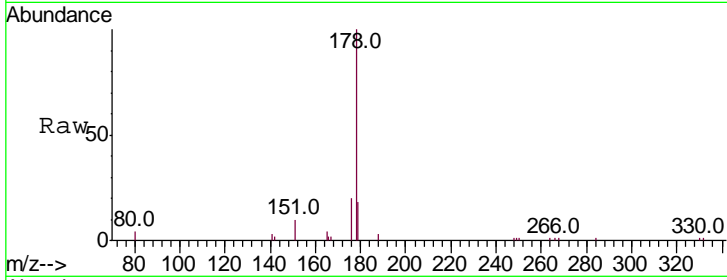




#23
 Phenanthrene
 Concen: 0.305 ng
 RT: 16.81 min Scan# 1264
 Delta R.T. 0.00 min
 Lab File: BE097119.D
 Acq: 31 Jul 2018 13:02

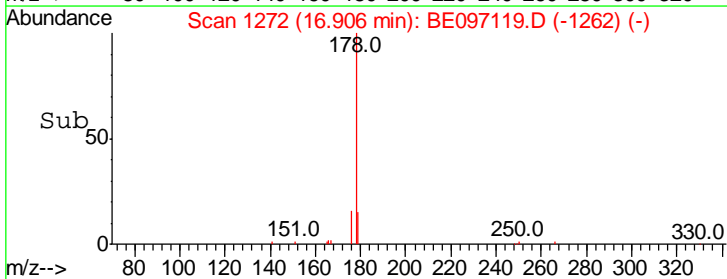
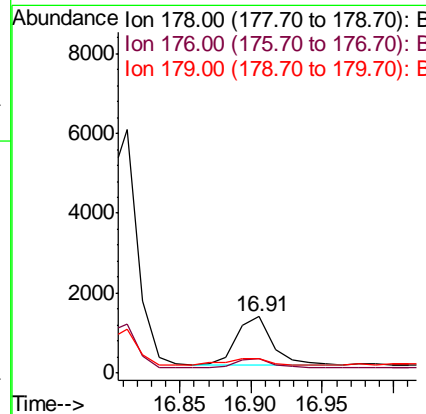
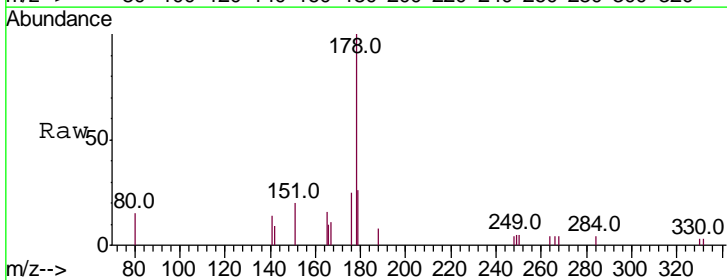
Instrument : BNA_E
 ClientSampled :

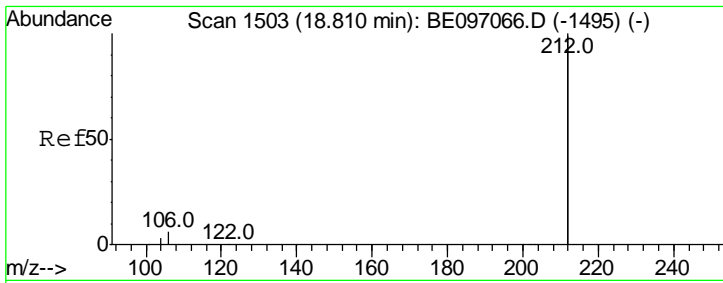
Tgt Ion	Resp	Lower	Upper
178	100		
176	19.1	15.1	22.7
179	17.3	11.8	17.6



#24
 Anthracene
 Concen: 0.075 ng
 RT: 16.91 min Scan# 1272
 Delta R.T. 0.01 min
 Lab File: BE097119.D
 Acq: 31 Jul 2018 13:02

Tgt Ion	Resp	Lower	Upper
178	100		
176	21.9	12.8	19.2#
179	19.0	13.0	19.6

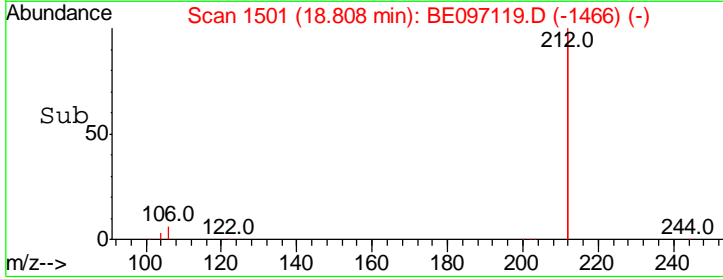
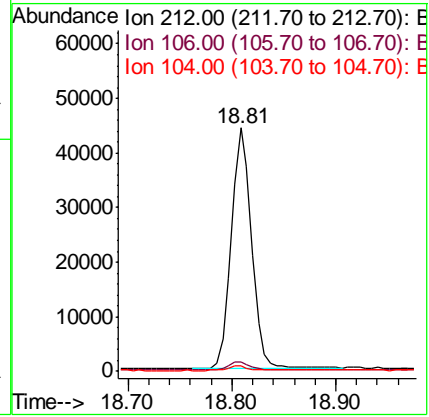
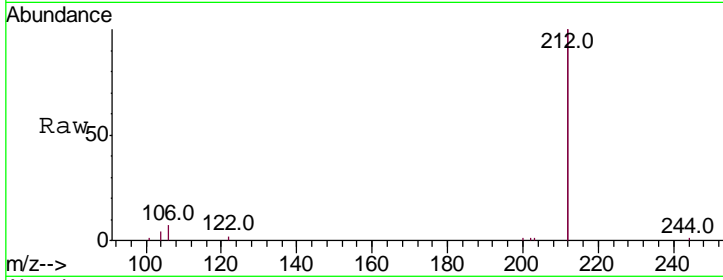




#25
 Fluoranthene-d10
 Concen: 0.467 ng
 RT: 18.81 min Scan# 1501
 Delta R.T. -0.00 min
 Lab File: BE097119.D
 Acq: 31 Jul 2018 13:02

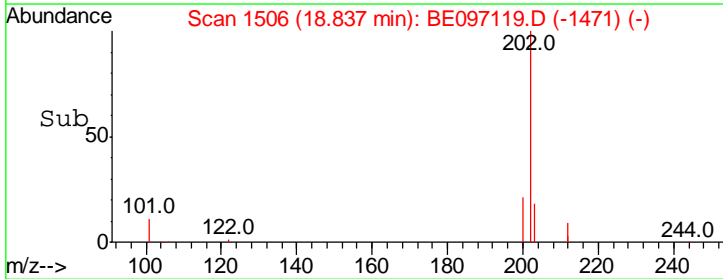
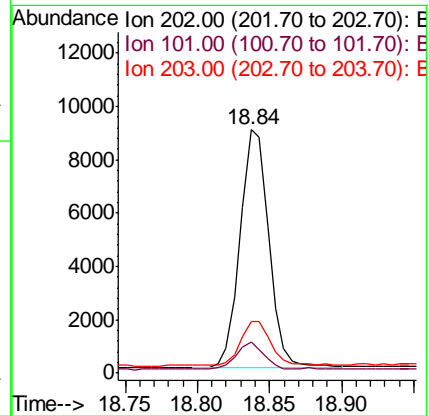
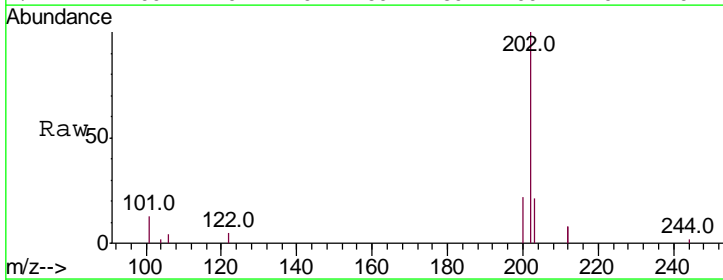
Instrument :
 BNA_E
 ClientSampled :

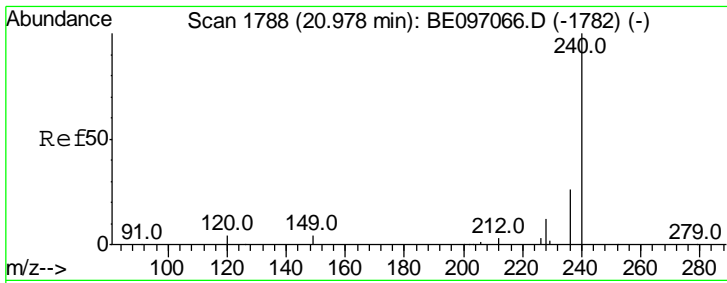
Tgt Ion	Resp	Lower	Upper
212	100		
106	3.2	2.8	4.2
104	1.7	1.6	2.4



#26
 Fluoranthene
 Concen: 0.363 ng
 RT: 18.84 min Scan# 1506
 Delta R.T. -0.00 min
 Lab File: BE097119.D
 Acq: 31 Jul 2018 13:02

Tgt Ion	Resp	Lower	Upper
202	100		
101	11.2	9.8	14.8
203	21.0	13.7	20.5#



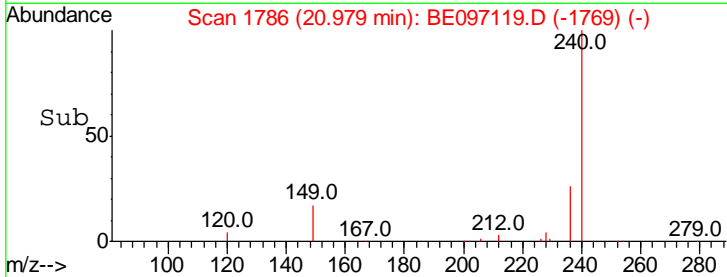
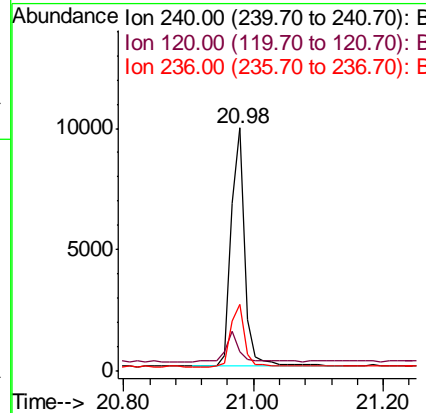
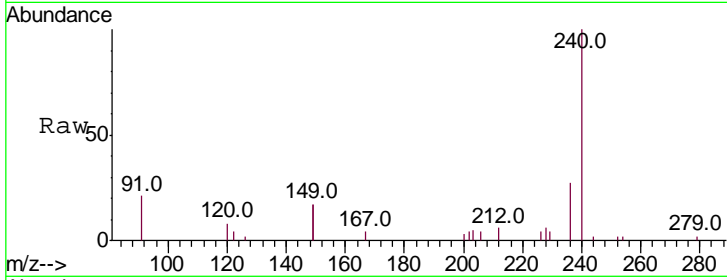


#27
 Chrysene-d12
 Concen: 0.400 ng
 RT: 20.98 min Scan# 1786
 Delta R.T. 0.00 min
 Lab File: BE097119.D
 Acq: 31 Jul 2018 13:02

Instrument :
 BNA_E
 ClientSampled :

Tgt Ion: 240 Resp: 14641

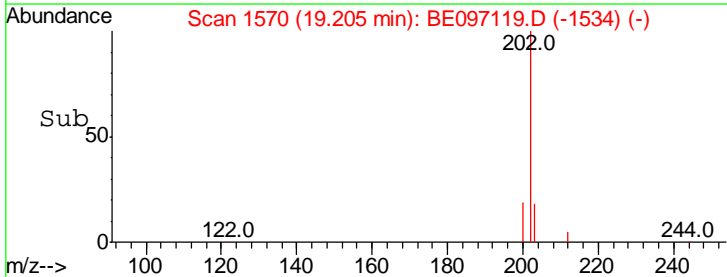
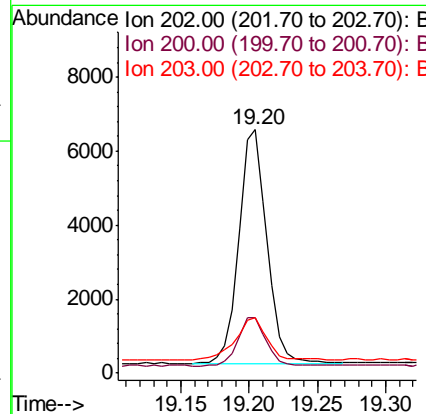
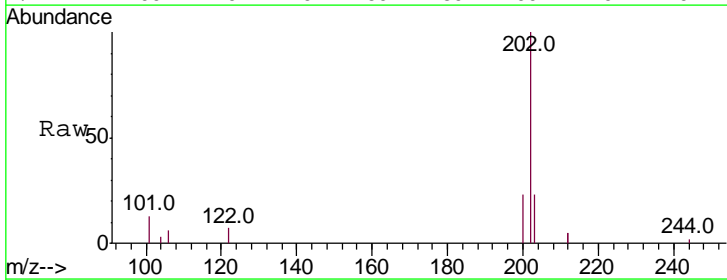
Ion	Ratio	Lower	Upper
240	100		
120	7.9	5.5	8.3
236	27.4	20.7	31.1

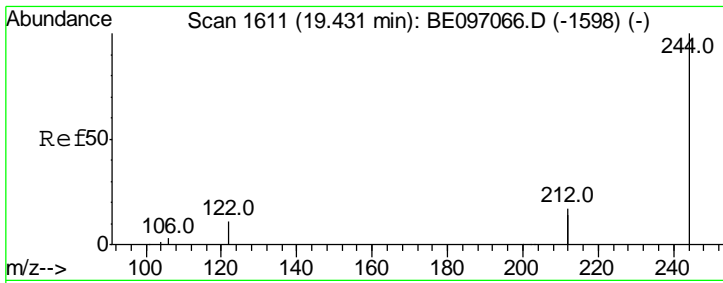


#28
 Pyrene
 Concen: 0.223 ng
 RT: 19.20 min Scan# 1570
 Delta R.T. 0.00 min
 Lab File: BE097119.D
 Acq: 31 Jul 2018 13:02

Tgt Ion: 202 Resp: 8967

Ion	Ratio	Lower	Upper
202	100		
200	21.2	16.6	25.0
203	21.6	13.8	20.8#

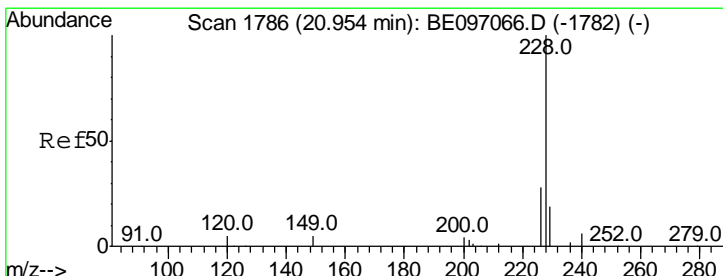
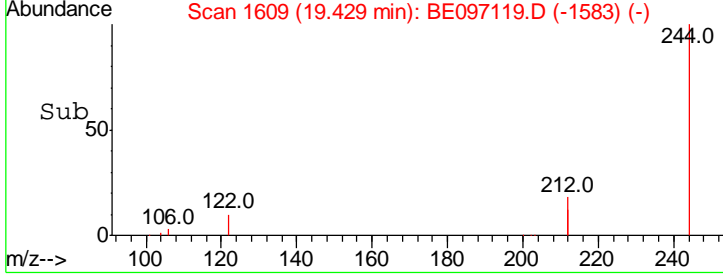
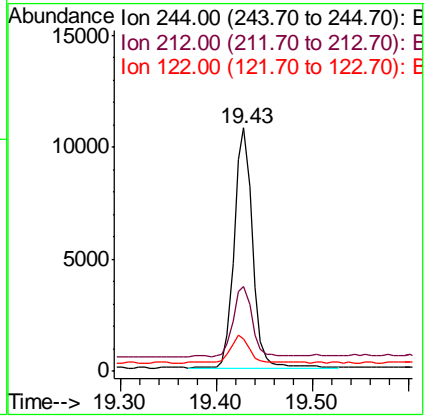
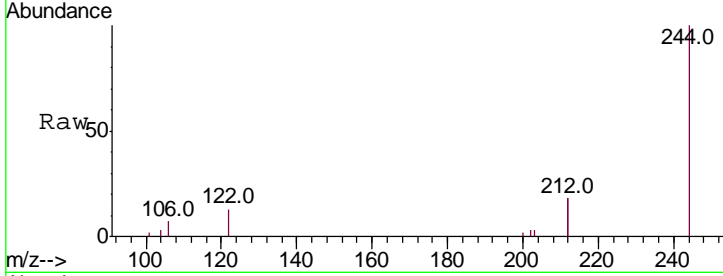




#29
 Terphenyl-d14
 Concen: 0.501 ng
 RT: 19.43 min Scan# 1609
 Delta R.T. -0.00 min
 Lab File: BE097119.D
 Acq: 31 Jul 2018 13:02

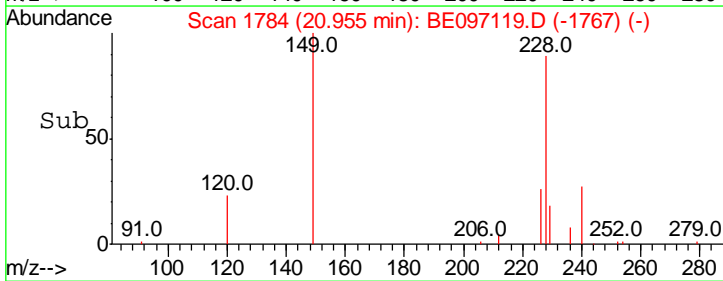
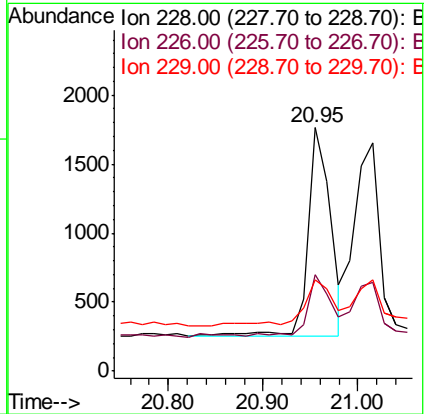
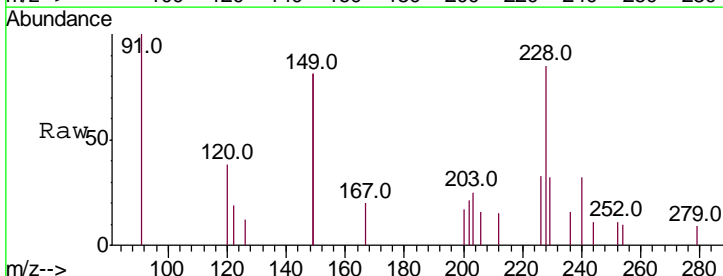
Instrument :
 BNA_E
 ClientSampled :

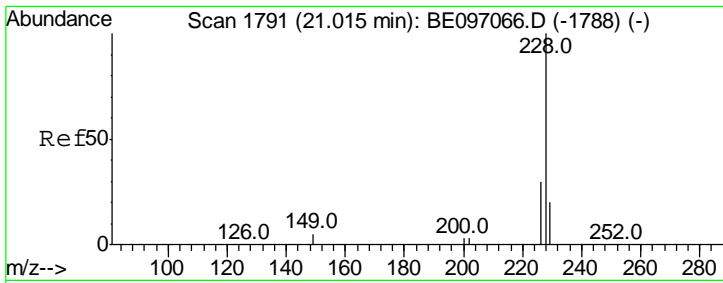
Tgt Ion	Resp	Lower	Upper
244	14095		
212	35.1	25.4	38.0
122	13.2	8.1	12.1



#30
 Benzo(a)anthracene
 Concen: 0.068 ng
 RT: 20.95 min Scan# 1784
 Delta R.T. 0.00 min
 Lab File: BE097119.D
 Acq: 31 Jul 2018 13:02

Tgt Ion	Resp	Lower	Upper
228	2459		
226	39.3	24.0	36.0
229	37.4	16.0	24.0

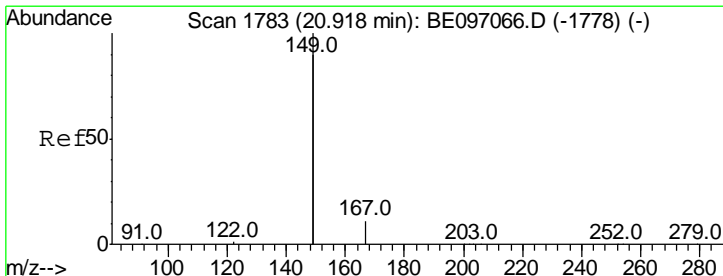
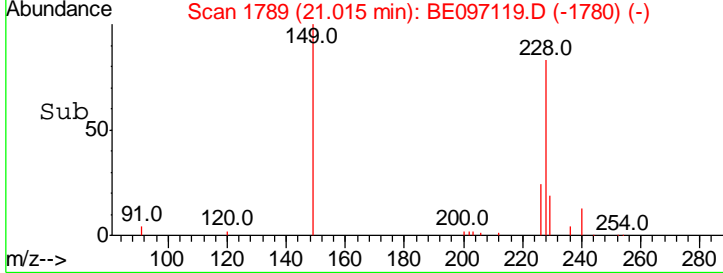
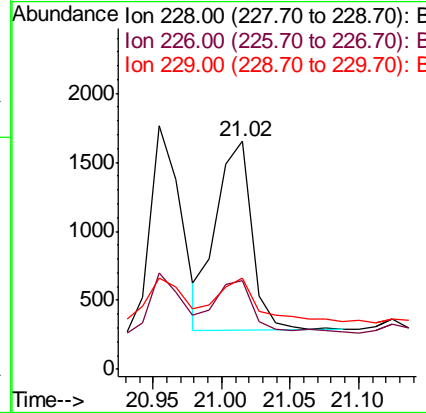
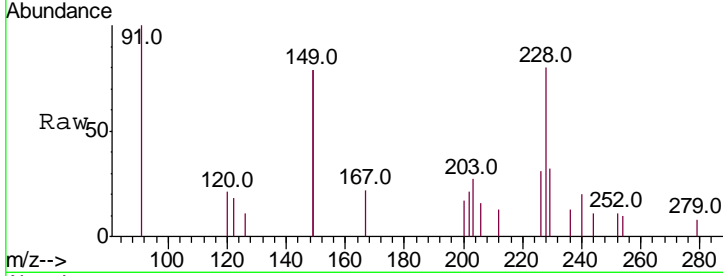




#31
 Chrysene
 Concen: 0.064 ng
 RT: 21.02 min Scan# 1789
 Delta R.T. 0.01 min
 Lab File: BE097119.D
 Acq: 31 Jul 2018 13:02

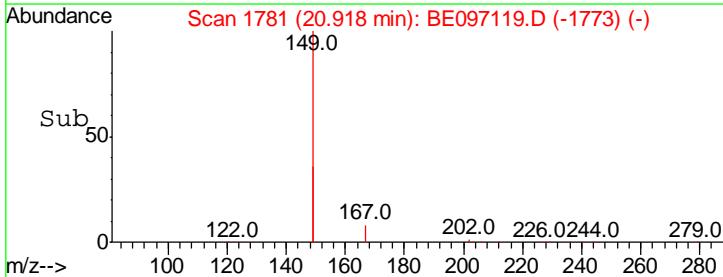
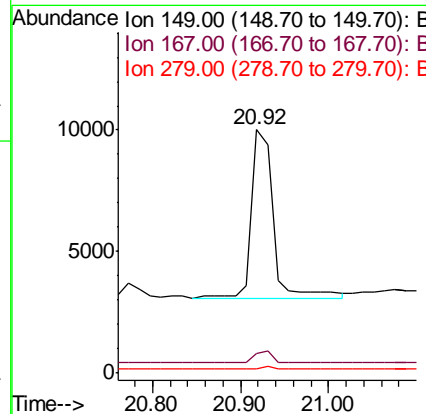
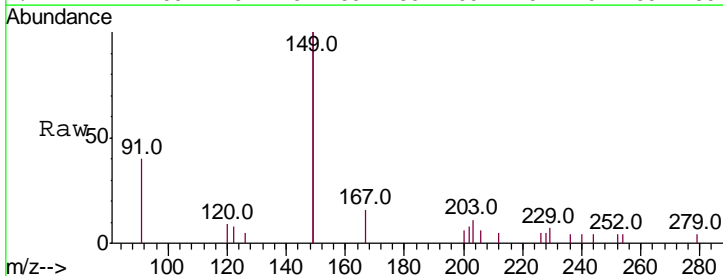
Instrument :
 BNA_E
 ClientSampled :

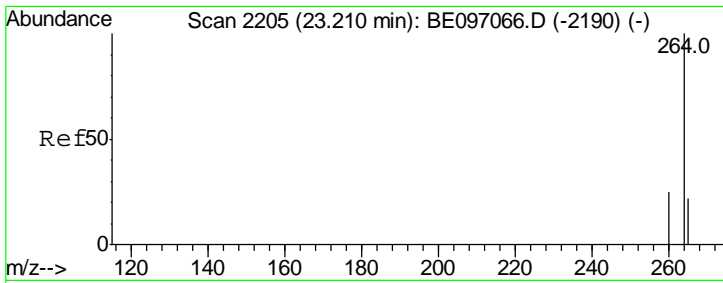
Tgt Ion	Resp	Lower	Upper
228	100		
226	39.1	24.0	36.0#
229	40.1	16.0	24.0#



#32
 Bis(2-ethylhexyl)phthalate
 Concen: 0.308 ng
 RT: 20.92 min Scan# 1781
 Delta R.T. 0.00 min
 Lab File: BE097119.D
 Acq: 31 Jul 2018 13:02

Tgt Ion	Resp	Lower	Upper
149	100		
167	6.0	5.4	8.0
279	1.2	0.7	1.1#



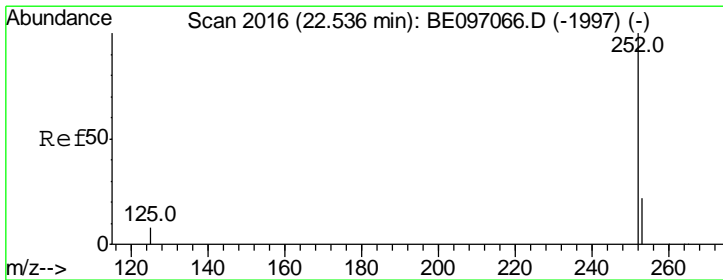
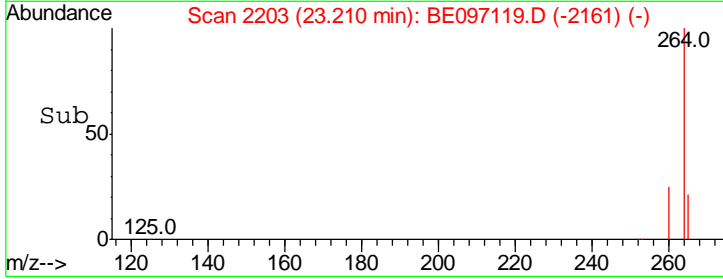
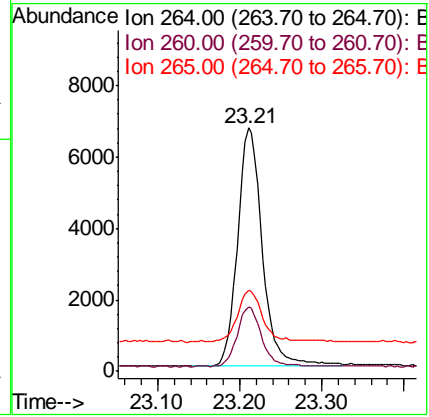
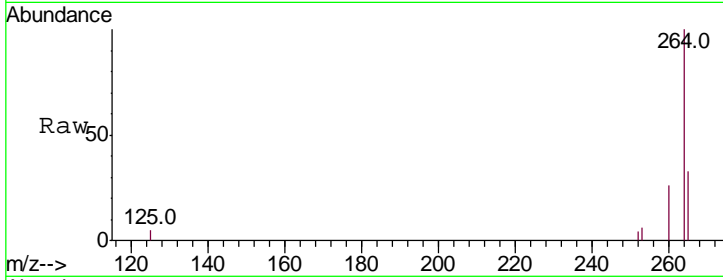


#34
 Perylene-d12
 Concen: 0.400 ng
 RT: 23.21 min Scan# 2203
 Delta R.T. 0.00 min
 Lab File: BE097119.D
 Acq: 31 Jul 2018 13:02

Instrument :
 BNA_E
 ClientSampled :

Tgt Ion: 264 Resp: 14027

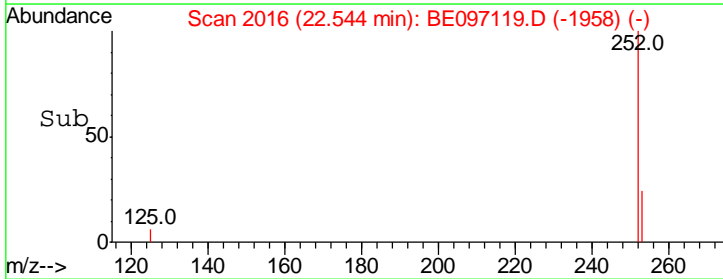
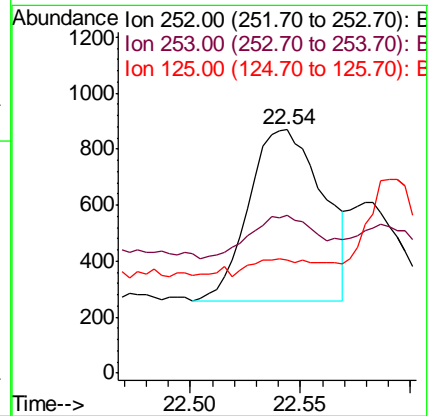
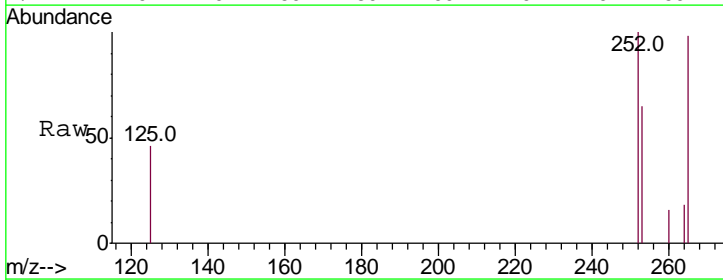
Ion	Ratio	Lower	Upper
264	100		
260	26.4	20.5	30.7
265	33.2	22.8	34.2

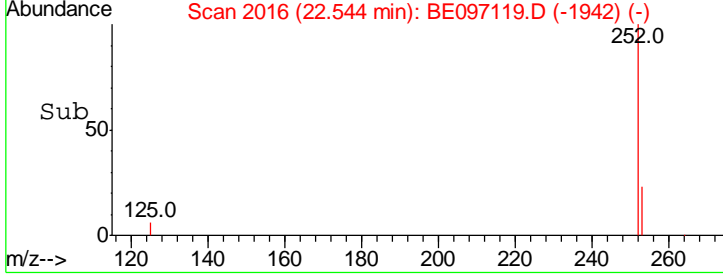
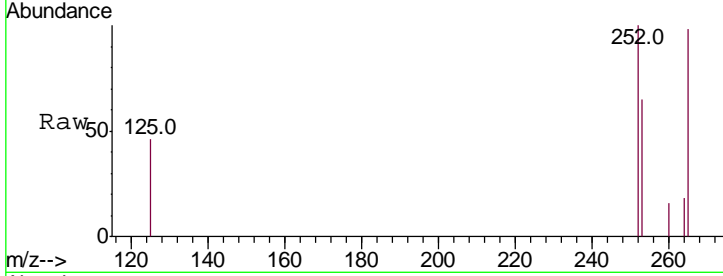
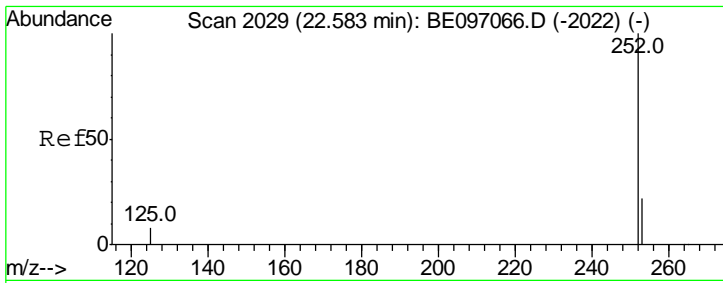


#35
 Benzo(b)fluoranthene
 Concen: 0.040 ng
 RT: 22.54 min Scan# 2016
 Delta R.T. 0.01 min
 Lab File: BE097119.D
 Acq: 31 Jul 2018 13:02

Tgt Ion: 252 Resp: 1431

Ion	Ratio	Lower	Upper
252	100		
253	64.7	20.0	30.0#
125	46.2	16.0	24.0#





#36
 Benzo(k)fluoranthene
 Concen: 0.034 ng
 RT: 22.54 min Scan# 2016
 Delta R.T. -0.03 min
 Lab File: BE097119.D
 Acq: 31 Jul 2018 13:02

Instrument :
 BNA_E
 ClientSampled :

Tot Ion	252	253	125
Resp:	1431		
Ion Ratio	100	64.7	46.2
Lower		16.0	8.0
Upper		24.0#	12.0#

