

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM092319\
 Data File : BM022744.D
 Acq On : 23 Sep 2019 17:10
 Operator : HP/JU
 Sample : PB123253BL
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :

Quant Time: Sep 24 07:08:35 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA M\METHODS\8270-BM092019.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Sep 24 07:00:32 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.82	152	275311	20.00	ng	0.00
21) Naphthalene-d8	10.62	136	1053952	20.00	ng	0.00
39) Acenaphthene-d10	14.46	164	646311	20.00	ng	0.00
64) Phenanthrene-d10	17.20	188	1412549	20.00	ng	0.00
76) Chrysene-d12	21.37	240	1438522	20.00	ng	0.00
87) Perylene-d12	23.64	264	1583790	20.00	ng	-0.01

System Monitoring Compounds

5) 2-Fluorophenol	5.41	112	1994817	114.91	ng	0.00
7) Phenol-d6	6.99	99	2689133	120.61	ng	0.00
23) Nitrobenzene-d5	8.97	82	1491261	78.54	ng	0.00
42) 2,4,6-Tribromophenol	15.94	330	1000196	123.97	ng	0.00
45) 2-Fluorobiphenyl	13.08	172	3677498	78.35	ng	0.00
79) Terphenyl-d14	19.82	244	6378279	85.86	ng	0.00

Target Compounds

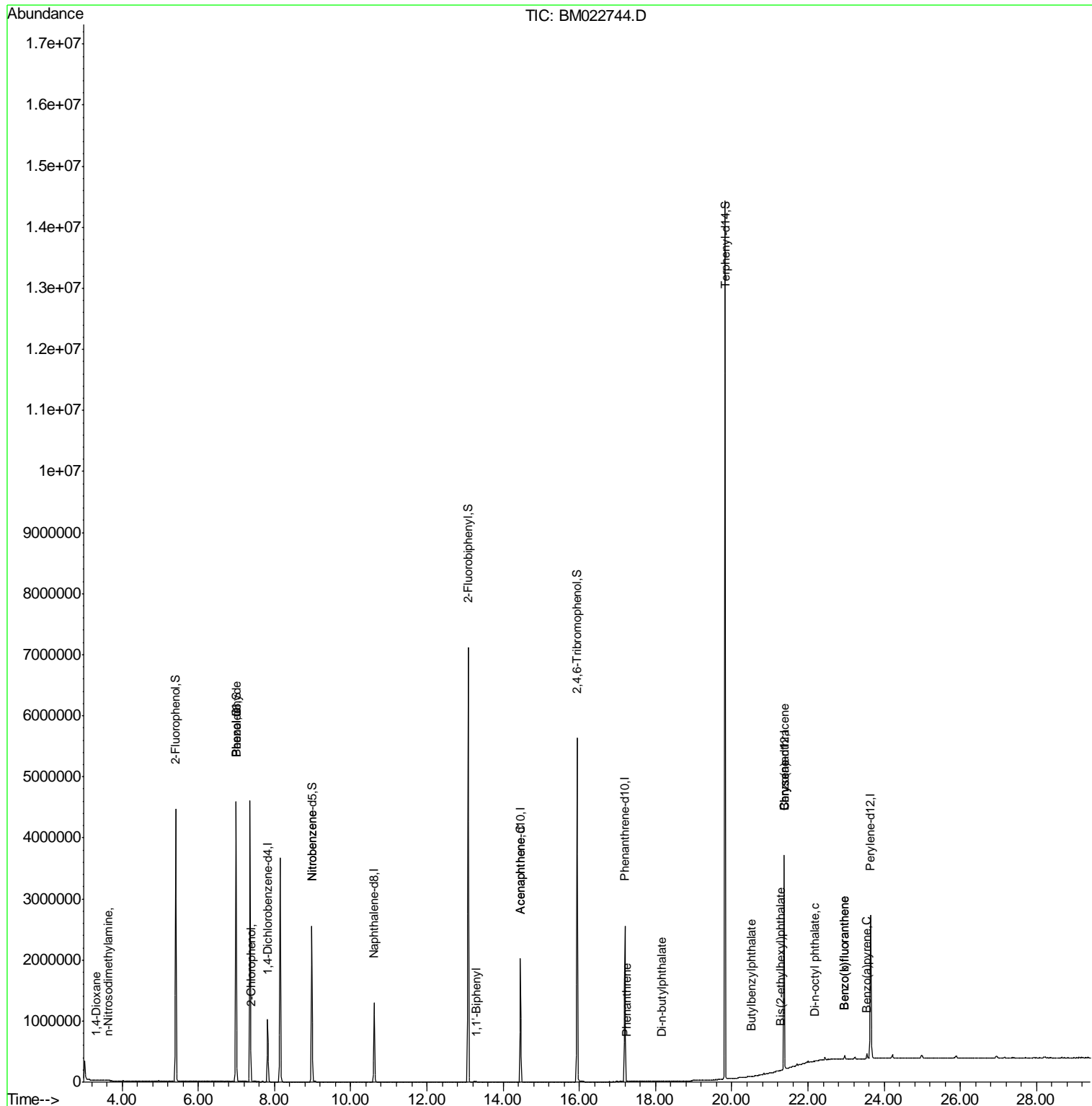
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) 1,4-Dioxane	3.32	88	272	0.039	ng	# 100
4) n-Nitrosodimethylamine	3.65	42	353	0.053	ng	# 1
8) 2-Chlorophenol	7.39	128	296	0.017	ng	# 1
9) Benzaldehyde	6.99	77	4371	0.344	ng	# 1
10) Phenol	7.00	94	106	0.005	ng	# 1
24) Nitrobenzene	8.98	77	4878	0.269	ng	# 35
46) 1,1'-Biphenyl	13.29	154	5168	0.097	ng	# 98
52) Acenaphthene	14.46	154	2061	0.053	ng	# 5
71) Phenanthrene	17.24	178	260	0.003	ng	# 60
74) Di-n-butylphthalate	18.17	149	439	0.005	ng	# 79
80) Butylbenzylphthalate	20.53	149	782	0.022	ng	# 26
81) Benzo(a)anthracene	21.37	228	4062	0.044	ng	# 58
83) Chrysene	21.37	228	4062	0.045	ng	# 55
84) Bis(2-ethylhexyl)phthalate	21.29	149	437	0.008	ng	# 52
85) Di-n-octyl phthalate	22.18	149	633	0.007	ng	# 78
88) Benzo(b)fluoranthene	22.96	252	321	0.003	ng	# 1
89) Benzo(k)fluoranthene	22.96	252	321	0.003	ng	# 1
90) Benzo(a)pyrene	23.52	252	1535	0.017	ng	# 1

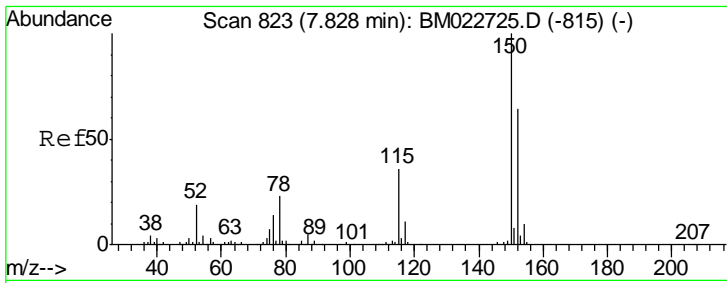
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM092319\
 Data File : BM022744.D
 Acq On : 23 Sep 2019 17:10
 Operator : HP/JU
 Sample : PB123253BL
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampled :

Quant Time: Sep 24 07:08:35 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA M\METHODS\8270-BM092019.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Sep 24 07:00:32 2019
 Response via : Initial Calibration

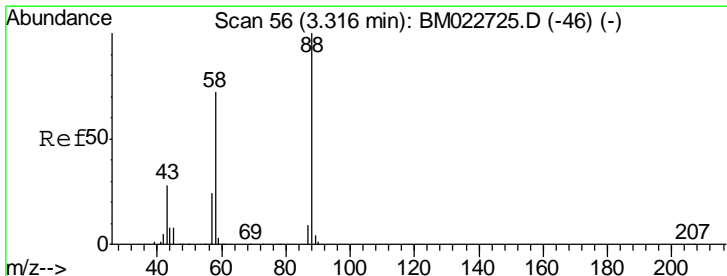
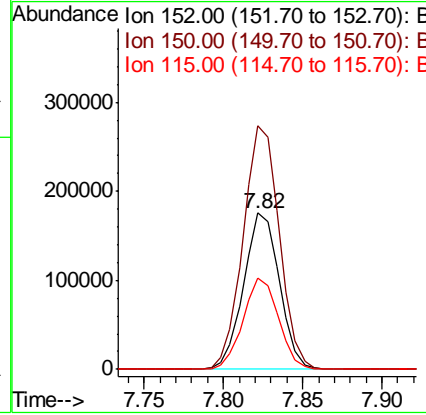
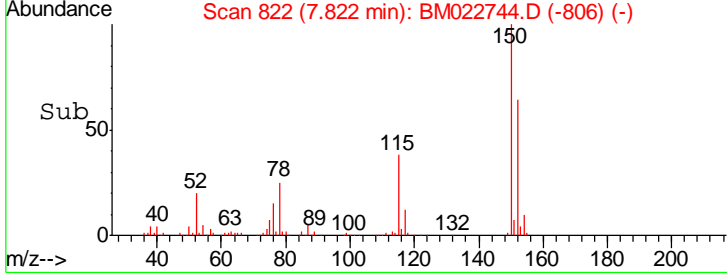
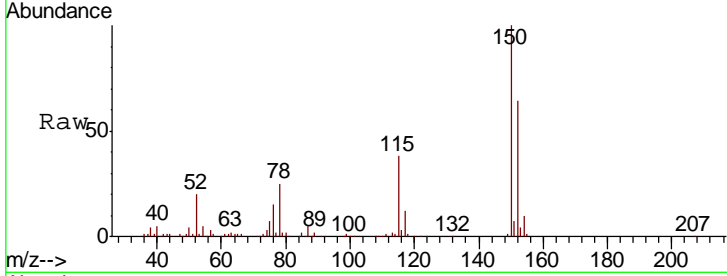




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 7.82 min Scan# 822
 Delta R.T. -0.01 min
 Lab File: BM022744.D
 Acq: 23 Sep 2019 17:10

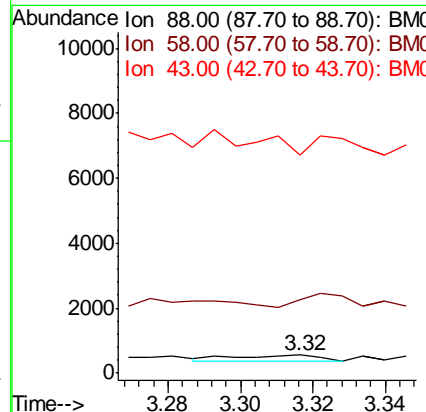
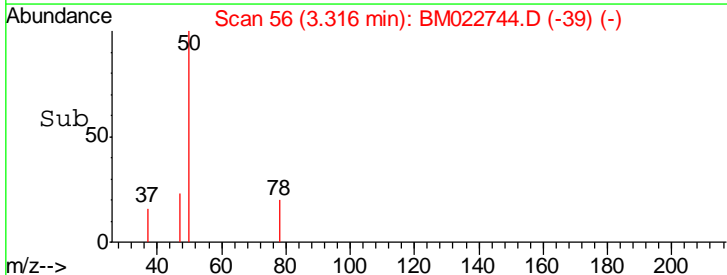
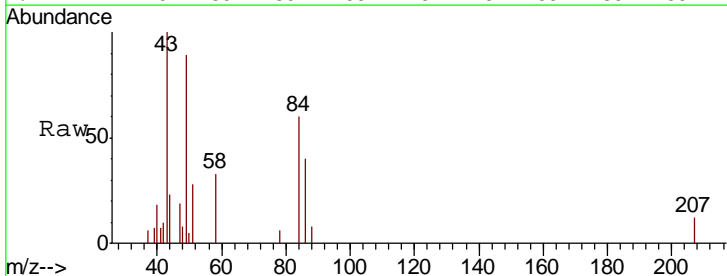
Instrument :
 BNA_M
 ClientSampled :

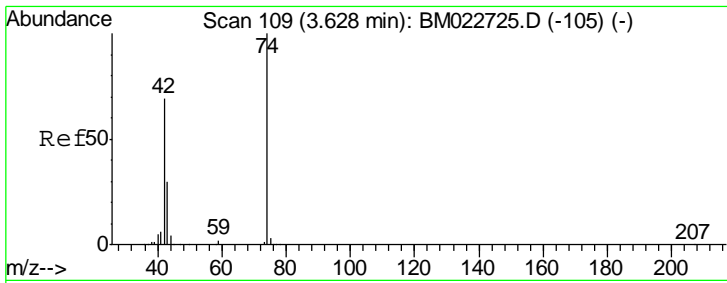
Tgt Ion	Resp	Lower	Upper
152	100		
150	155.8	124.5	186.7
115	58.8	45.0	67.4



#2
 1,4-Dioxane
 Concen: 0.039 ng
 RT: 3.32 min Scan# 56
 Delta R.T. -0.00 min
 Lab File: BM022744.D
 Acq: 23 Sep 2019 17:10

Tgt Ion	Resp	Lower	Upper
88	100		
58	155.9	0.0	0.0#
43	212.9	0.0	0.0#

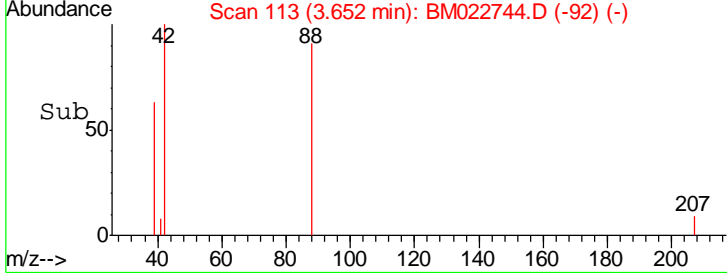
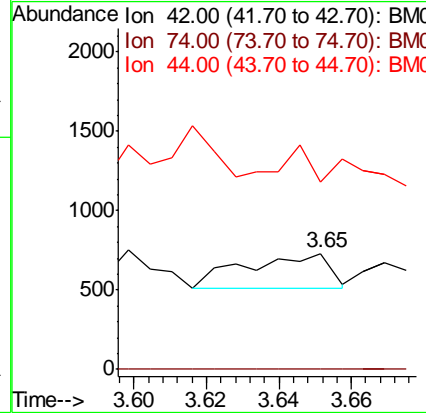
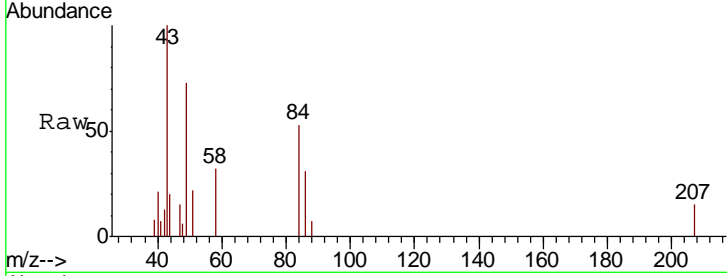




#4
 n-Nitrosodimethylamine
 Concen: 0.053 ng
 RT: 3.65 min Scan# 113
 Delta R.T. 0.02 min
 Lab File: BM022744.D
 Acq: 23 Sep 2019 17:10

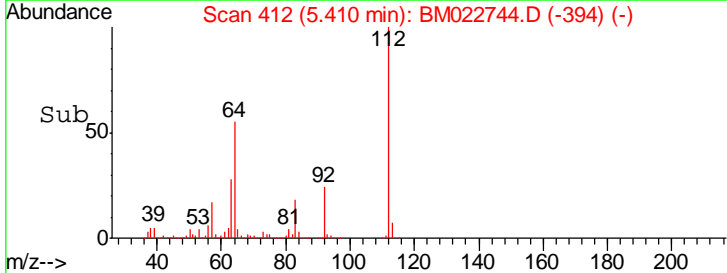
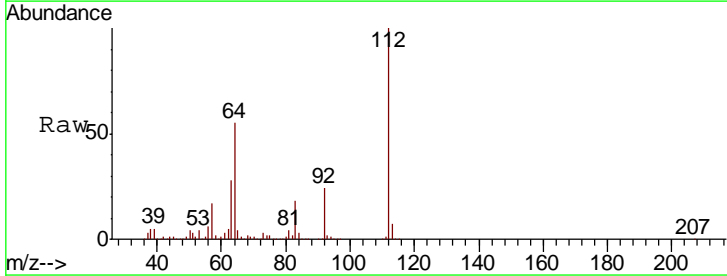
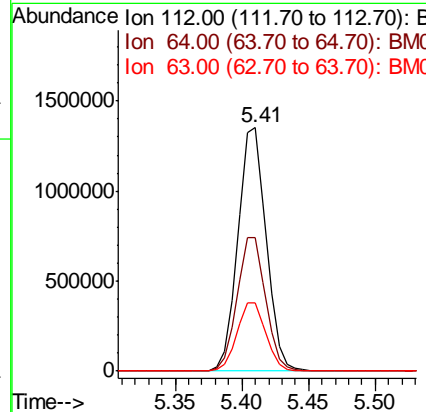
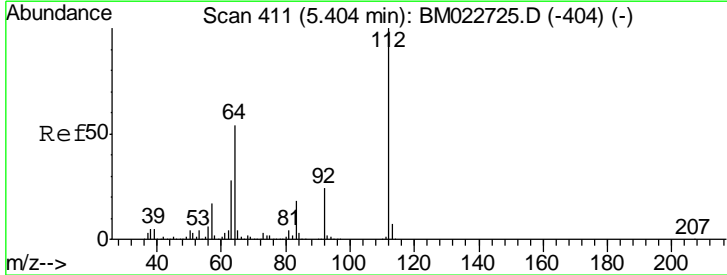
Instrument :
 BNA_M
 ClientSampled :

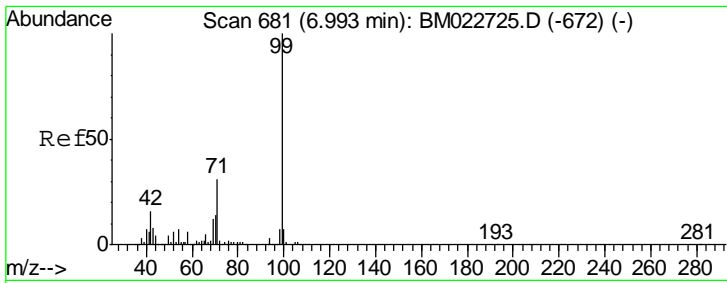
Tgt Ion	Resp	Lower	Upper
42	100		
74	0.0	116.6	175.0#
44	161.3	8.2	12.4#



#5
 2-Fluorophenol
 Concen: 114.914 ng
 RT: 5.41 min Scan# 412
 Delta R.T. 0.01 min
 Lab File: BM022744.D
 Acq: 23 Sep 2019 17:10

Tgt Ion	Resp	Lower	Upper
112	100		
64	55.0	43.4	65.2
63	28.1	22.1	33.1

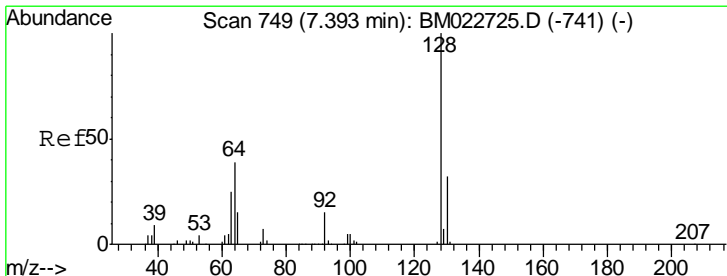
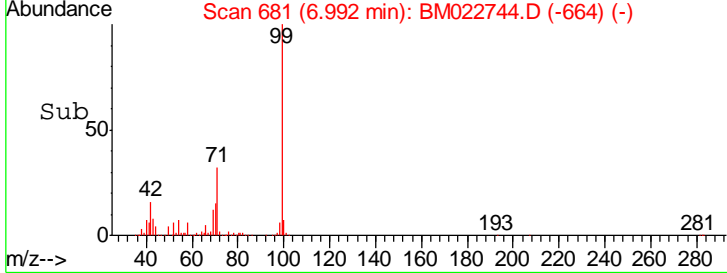
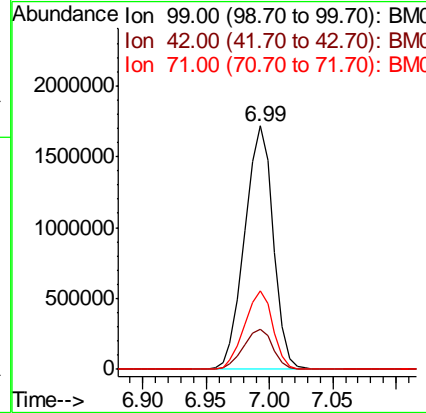
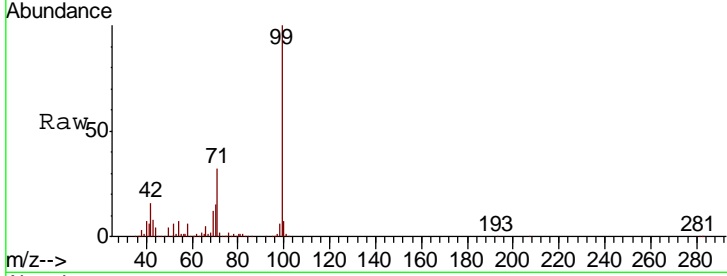




#7
 Phenol-d6
 Concen: 120.611 ng
 RT: 6.99 min Scan# 681
 Delta R.T. -0.00 min
 Lab File: BM022744.D
 Acq: 23 Sep 2019 17:10

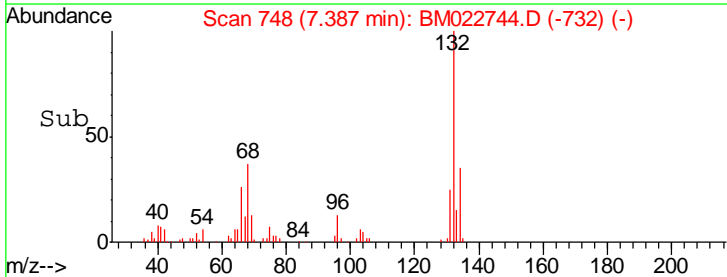
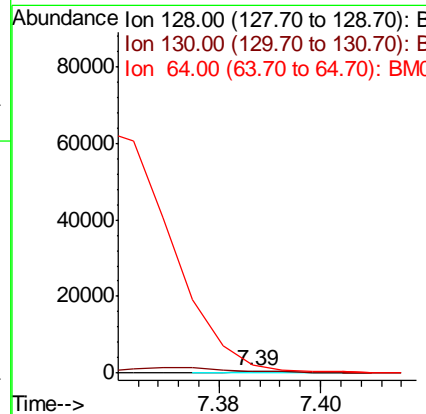
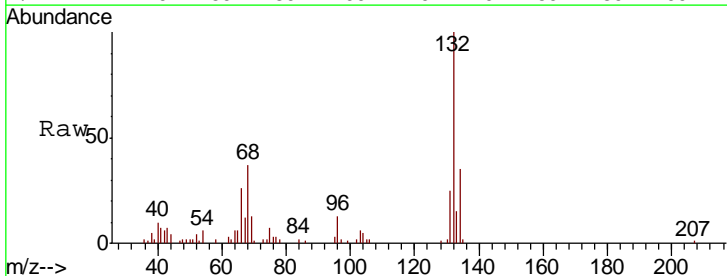
Instrument :
 BNA_M
 ClientSampled :

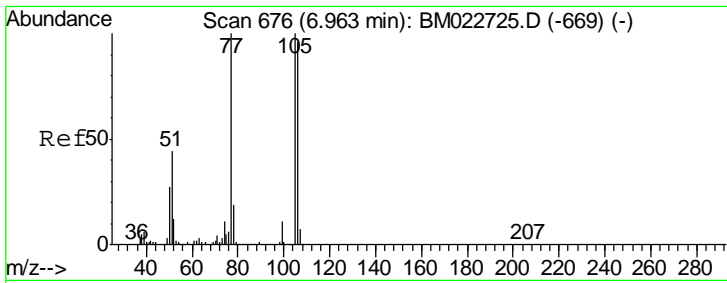
Tgt Ion	Resp	Lower	Upper
99	2689133		
42	16.5	13.0	19.4
71	32.1	24.7	37.1



#8
 2-Chlorophenol
 Concen: 0.017 ng
 RT: 7.39 min Scan# 748
 Delta R.T. -0.01 min
 Lab File: BM022744.D
 Acq: 23 Sep 2019 17:10

Tgt Ion	Resp	Lower	Upper
128	296		
130	127.5	12.1	52.1#
64	443.4	22.9	62.9#

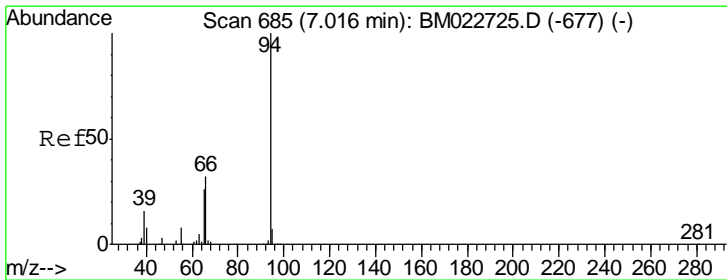
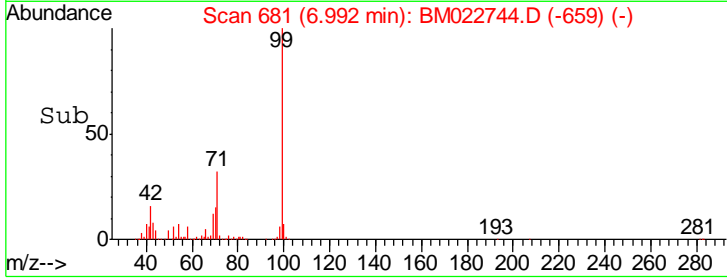
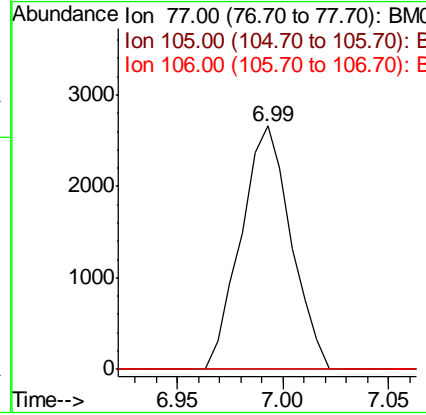
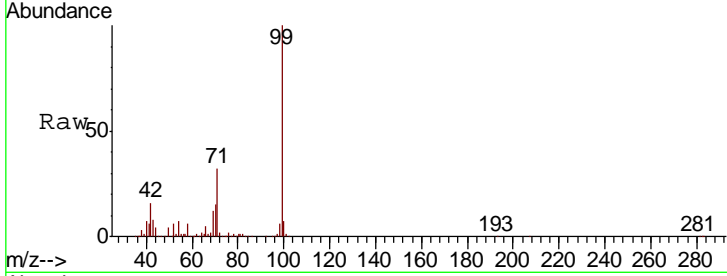




#9
Benzaldehyde
Concen: 0.344 ng
RT: 6.99 min Scan# 681
Delta R.T. 0.03 min
Lab File: BM022744.D
Acq: 23 Sep 2019 17:10

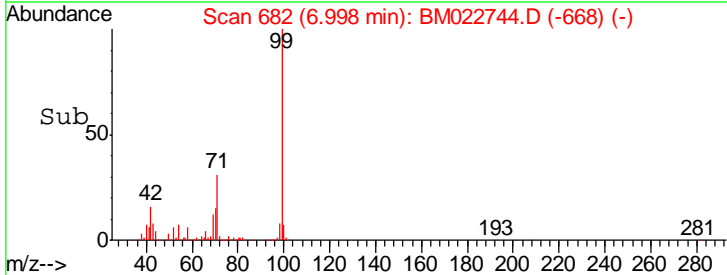
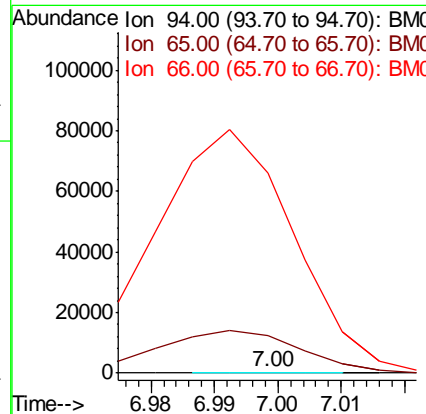
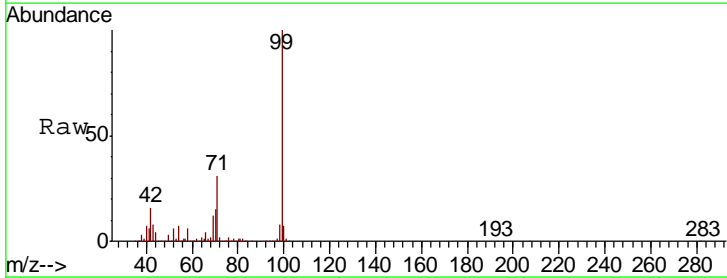
Instrument :
BNA_M
ClientSampled :

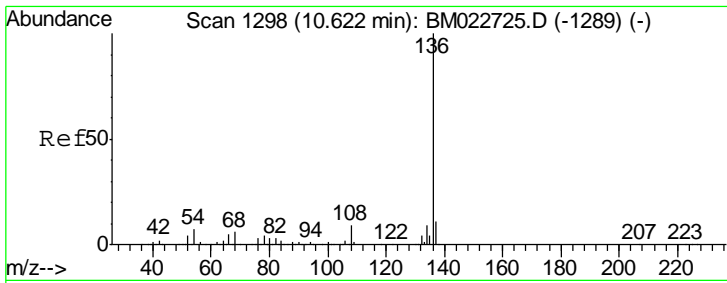
Tgt Ion	Resp	Lower	Upper
77	100		
105	0.0	79.6	119.6#
106	0.0	76.3	116.3#



#10
Phenol
Concen: 0.005 ng
RT: 7.00 min Scan# 682
Delta R.T. -0.02 min
Lab File: BM022744.D
Acq: 23 Sep 2019 17:10

Tgt Ion	Resp	Lower	Upper
94	100		
65	4137.9	6.7	46.7#
66	22001.3	13.8	53.8#



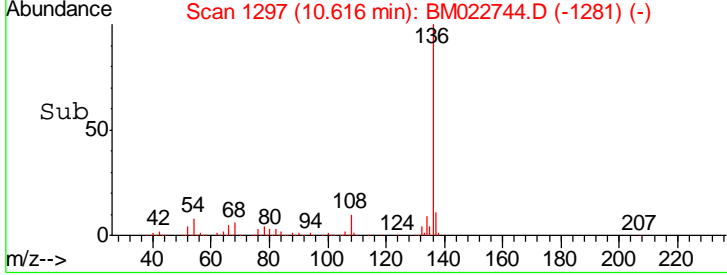
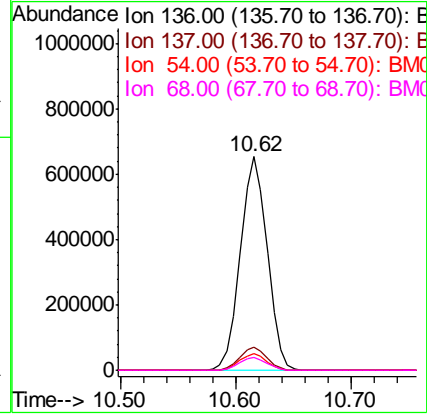
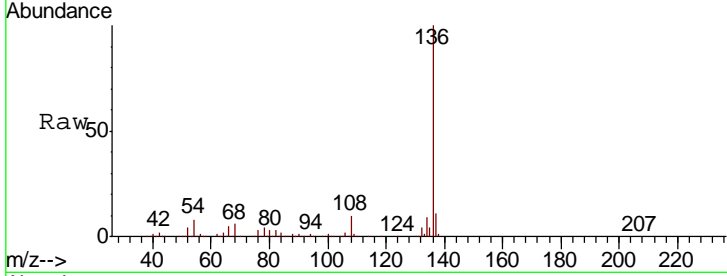


#21
 Naphthalene-d8
 Concen: 20.000 ng
 RT: 10.62 min Scan# 1297
 Delta R.T. -0.01 min
 Lab File: BM022744.D
 Acq: 23 Sep 2019 17:10

Instrument :
 BNA_M
 ClientSampled :

Tgt Ion: 136 Resp: 1053952

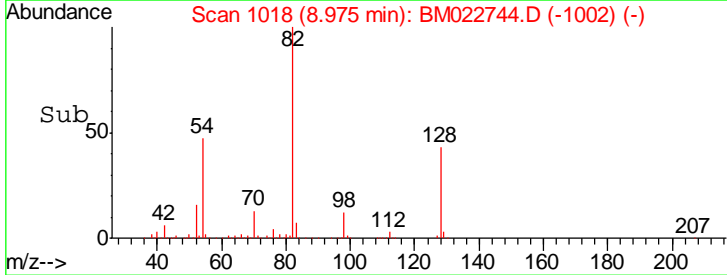
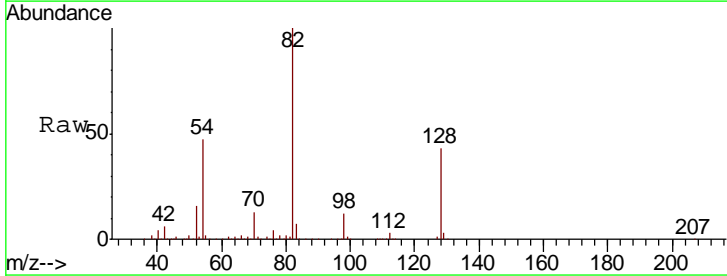
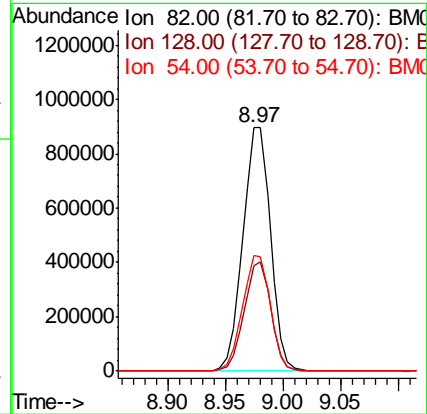
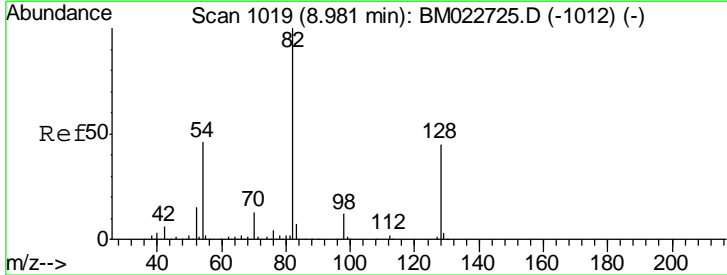
Ion	Ratio	Lower	Upper
136	100		
137	10.9	8.6	13.0
54	7.6	6.0	9.0
68	6.2	4.9	7.3

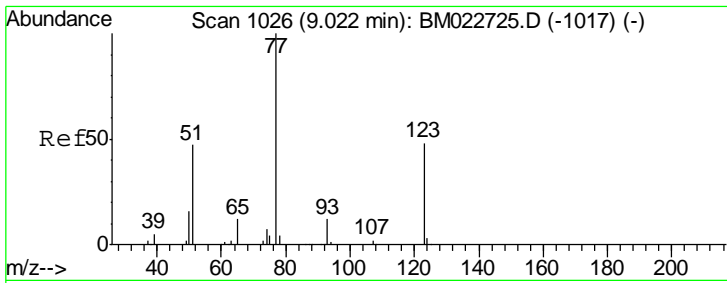


#23
 Nitrobenzene-d5
 Concen: 78.542 ng
 RT: 8.97 min Scan# 1018
 Delta R.T. -0.01 min
 Lab File: BM022744.D
 Acq: 23 Sep 2019 17:10

Tgt Ion: 82 Resp: 1491261

Ion	Ratio	Lower	Upper
82	100		
128	43.2	36.0	54.0
54	47.4	37.1	55.7

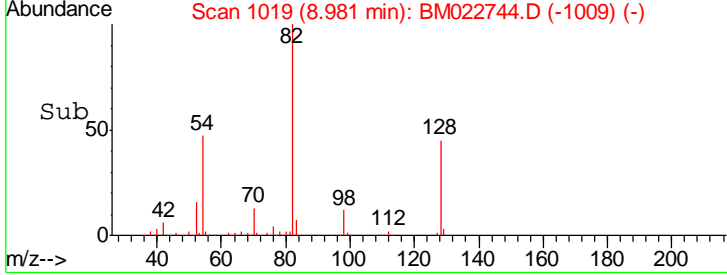
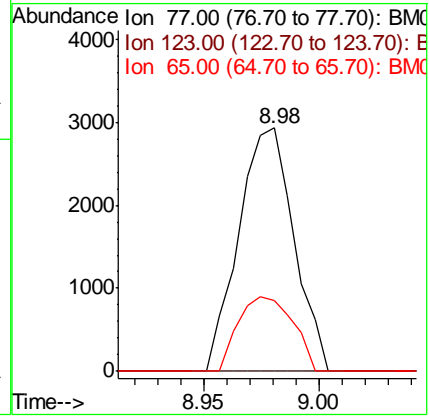
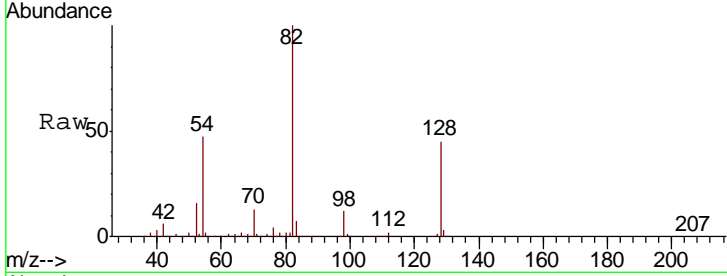




#24
 Nitrobenzene
 Concen: 0.269 ng
 RT: 8.98 min Scan# 1019
 Delta R.T. -0.04 min
 Lab File: BM022744.D
 Acq: 23 Sep 2019 17:10

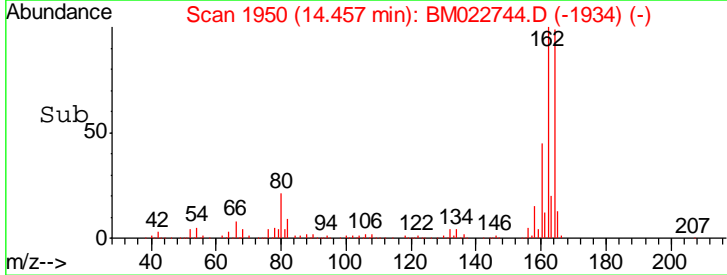
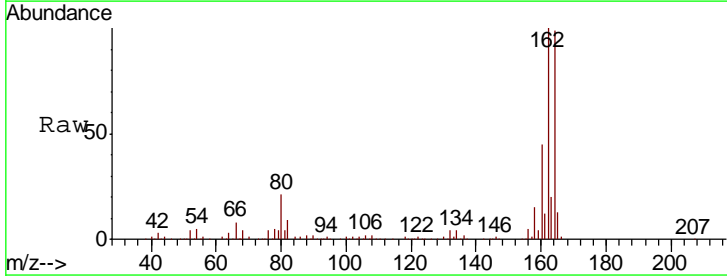
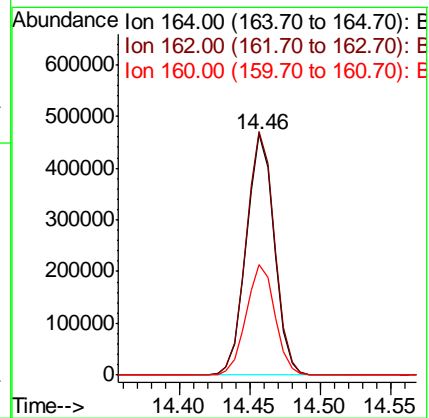
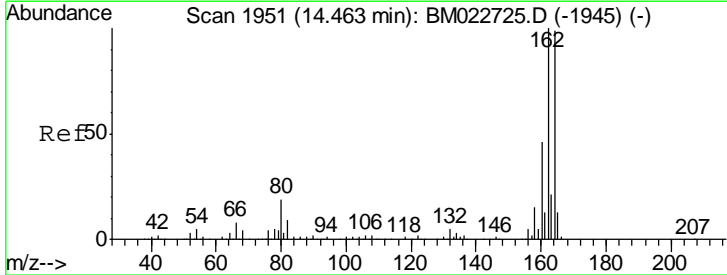
Instrument :
 BNA_M
 ClientSampled :

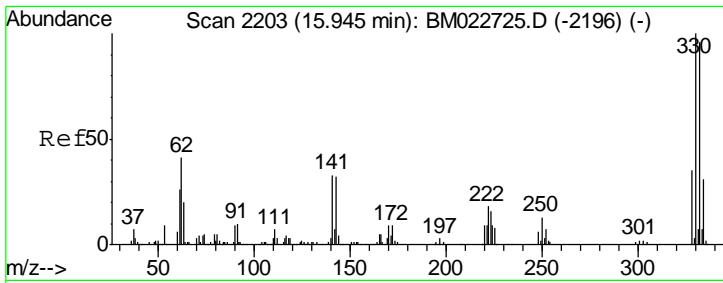
Tgt Ion	Resp	Lower	Upper
77	100		
123	0.0	38.0	57.0#
65	29.0	10.0	15.0#



#39
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 14.46 min Scan# 1950
 Delta R.T. -0.01 min
 Lab File: BM022744.D
 Acq: 23 Sep 2019 17:10

Tgt Ion	Resp	Lower	Upper
164	100		
162	101.0	81.1	121.7
160	45.9	36.9	55.3

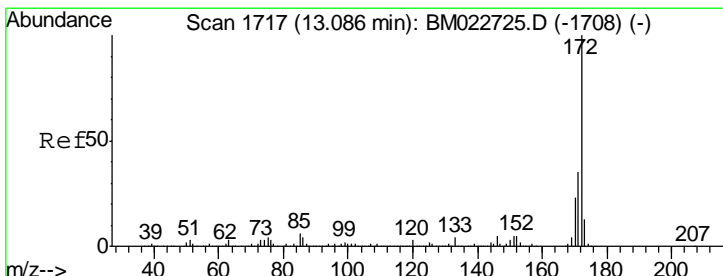
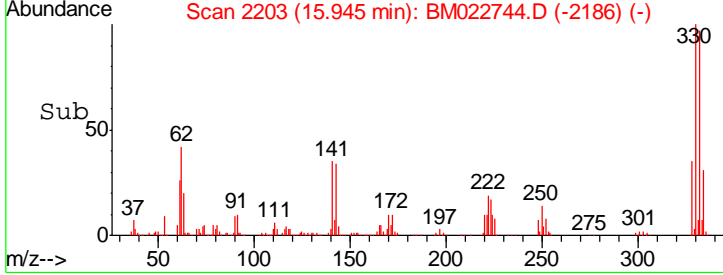
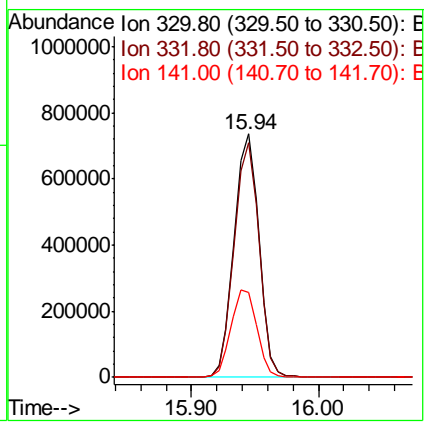
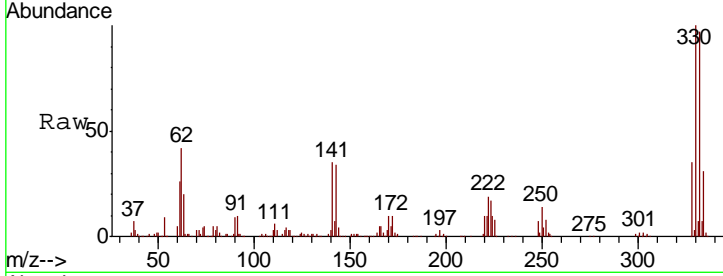




#42
 2,4,6-Tribromophenol
 Concen: 123.968 ng
 RT: 15.94 min Scan# 2203
 Delta R.T. -0.00 min
 Lab File: BM022744.D
 Acq: 23 Sep 2019 17:10

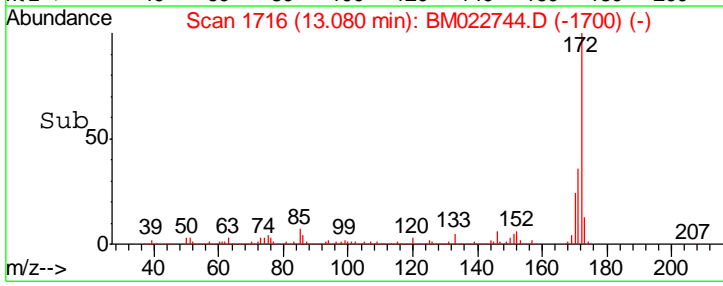
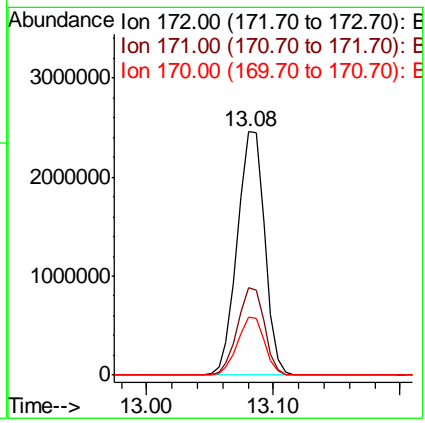
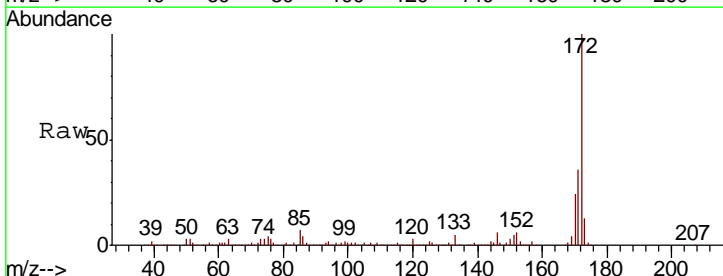
Instrument :
 BNA_M
 ClientSampled :

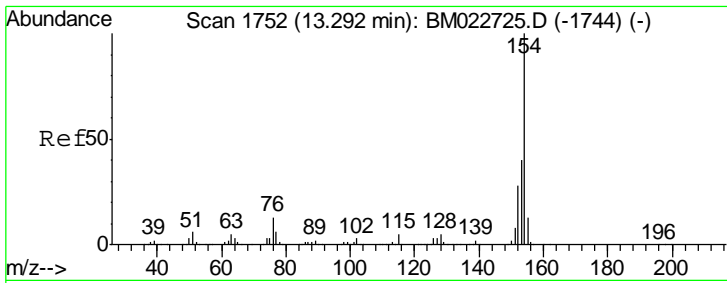
Tgt Ion	Resp	Lower	Upper
330	1000196		
332	96.4	76.9	115.3
141	37.3	28.6	42.8



#45
 2-Fluorobiphenyl
 Concen: 78.353 ng
 RT: 13.08 min Scan# 1716
 Delta R.T. -0.01 min
 Lab File: BM022744.D
 Acq: 23 Sep 2019 17:10

Tgt Ion	Resp	Lower	Upper
172	3677498		
171	35.9	27.8	41.8
170	23.7	18.7	28.1

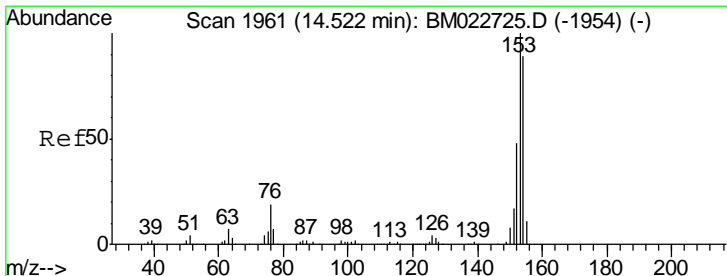
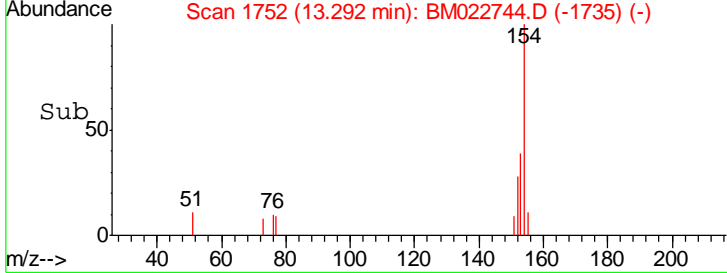
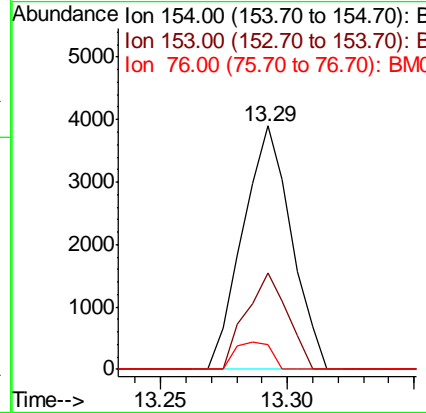
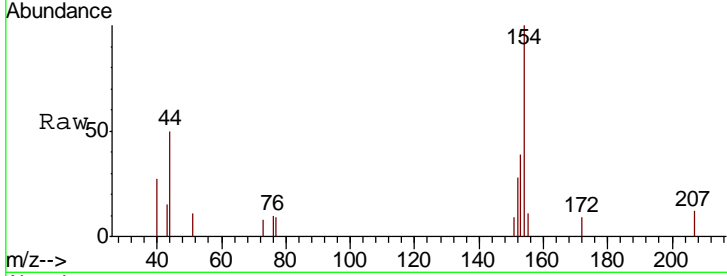




#46
 1,1'-Biphenyl
 Concen: 0.097 ng
 RT: 13.29 min Scan# 1752
 Delta R.T. -0.00 min
 Lab File: BM022744.D
 Acq: 23 Sep 2019 17:10

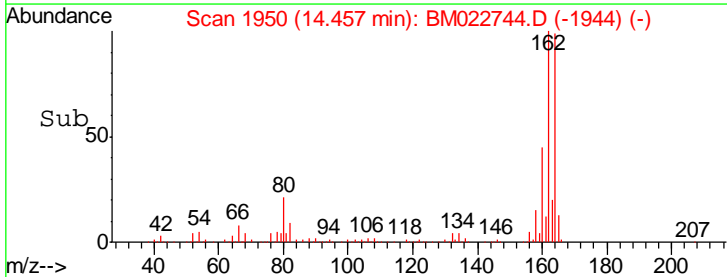
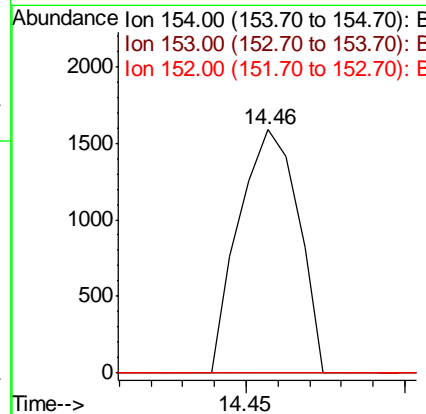
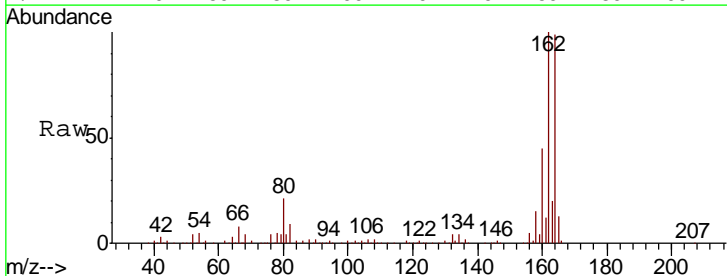
Instrument :
 BNA_M
 ClientSampled :

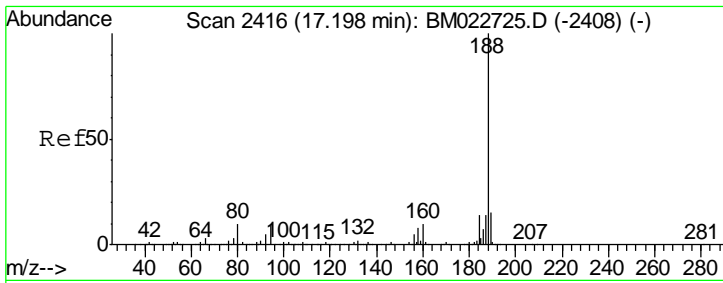
Tgt Ion	Resp	Lower	Upper
154	5168		
153	39.4	20.1	60.1
76	10.3	0.0	32.6



#52
 Acenaphthene
 Concen: 0.053 ng
 RT: 14.46 min Scan# 1950
 Delta R.T. -0.06 min
 Lab File: BM022744.D
 Acq: 23 Sep 2019 17:10

Tgt Ion	Resp	Lower	Upper
154	2061		
153	0.0	90.0	135.0#
152	0.0	42.9	64.3#

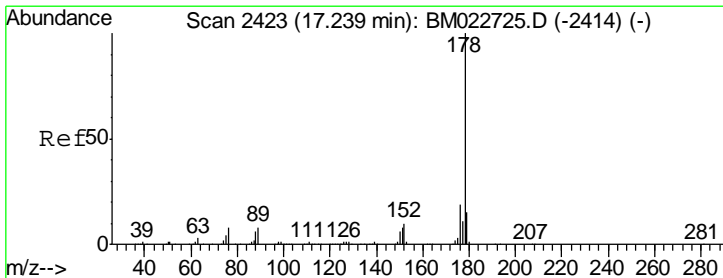
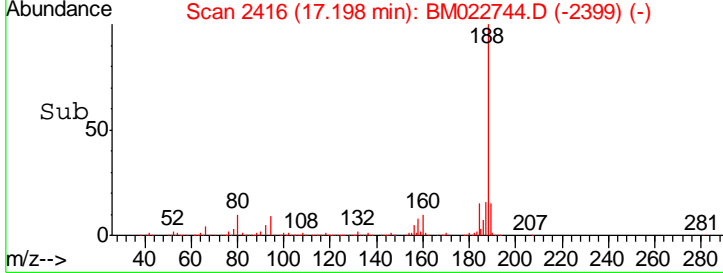
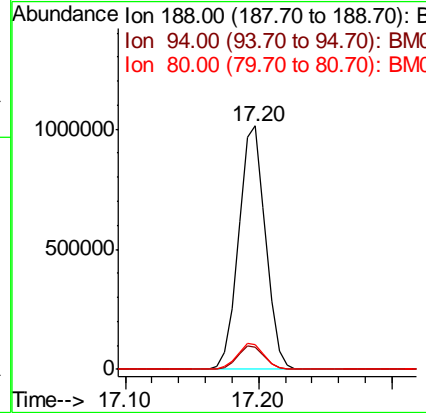
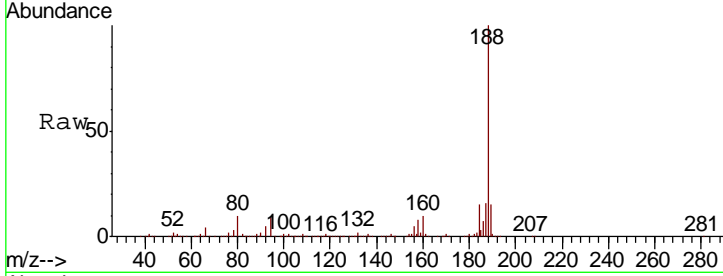




#64
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 17.20 min Scan# 2416
 Delta R.T. -0.00 min
 Lab File: BM022744.D
 Acq: 23 Sep 2019 17:10

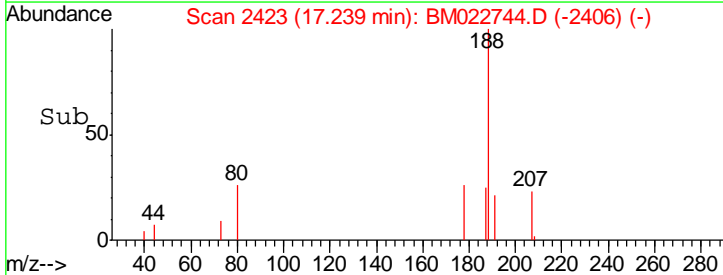
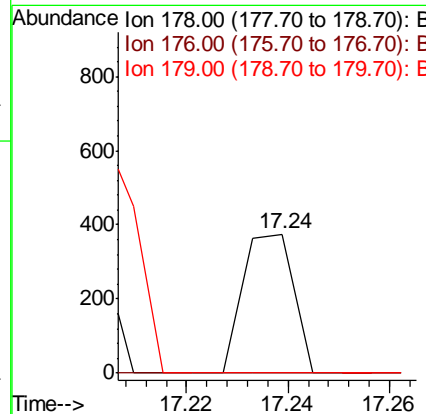
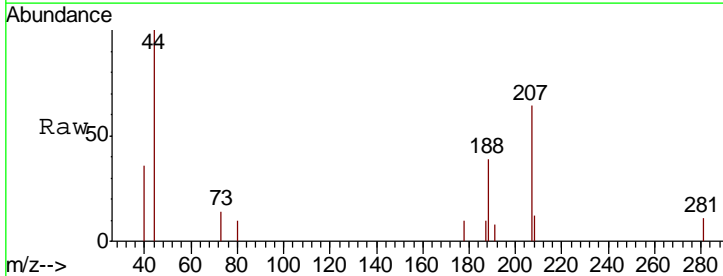
Instrument :
 BNA_M
 ClientSampled :

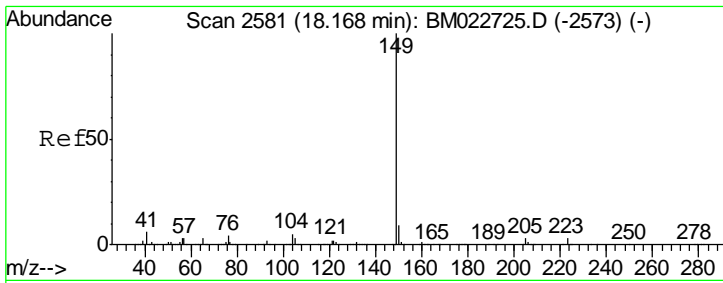
Tgt Ion	Resp	Lower	Upper
188	1412549		
94	100	7.3	10.9
80	10.1	7.8	11.8



#71
 Phenanthrene
 Concen: 0.003 ng
 RT: 17.24 min Scan# 2423
 Delta R.T. -0.00 min
 Lab File: BM022744.D
 Acq: 23 Sep 2019 17:10

Tgt Ion	Resp	Lower	Upper
178	260		
176	100	15.4	23.2#
179	0.0	12.3	18.5#

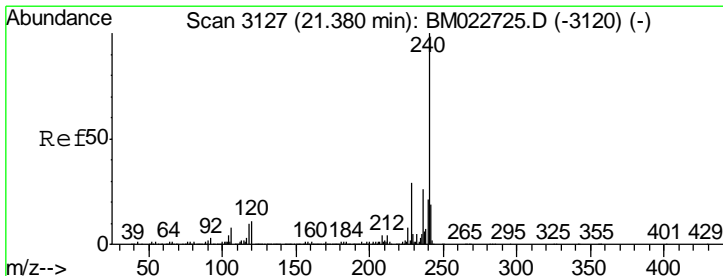
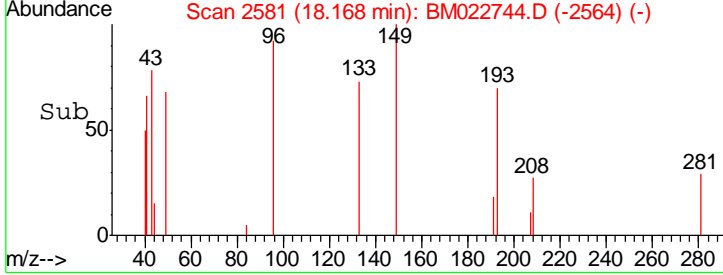
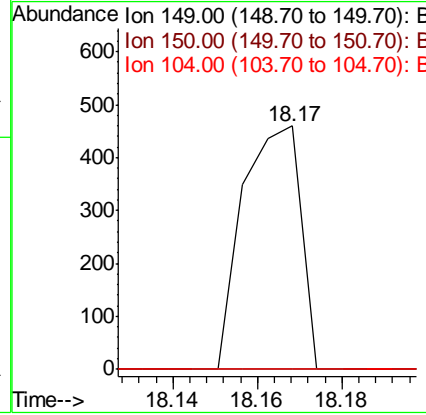
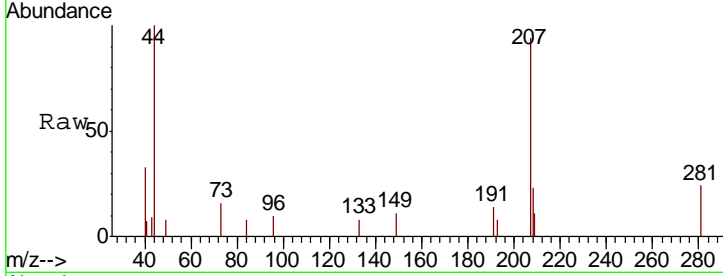




#74
 Di-n-butylphthalate
 Concen: 0.005 ng
 RT: 18.17 min Scan# 2581
 Delta R.T. -0.00 min
 Lab File: BM022744.D
 Acq: 23 Sep 2019 17:10

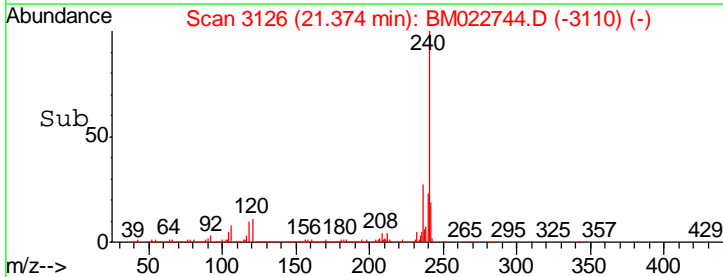
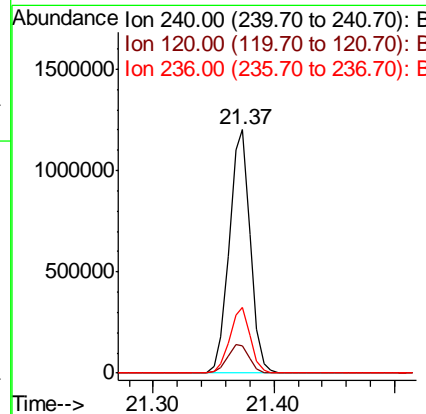
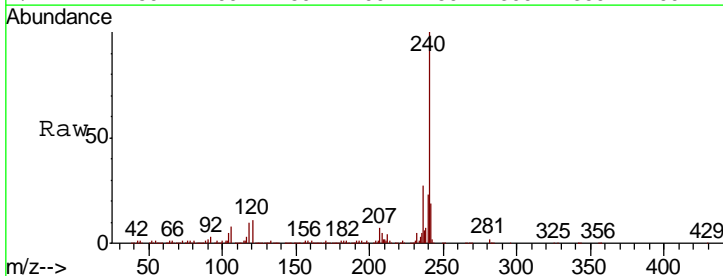
Instrument :
 BNA_M
 ClientSampled :

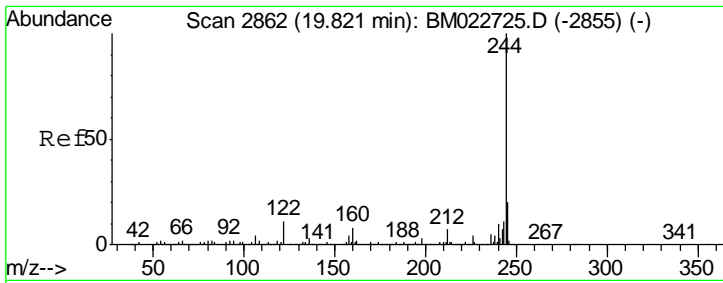
Tgt Ion	Resp	Lower	Upper
149	439		
150	0.0	7.3	10.9#
104	0.0	3.8	5.6#



#76
 Chrysene-d12
 Concen: 20.000 ng
 RT: 21.37 min Scan# 3126
 Delta R.T. -0.01 min
 Lab File: BM022744.D
 Acq: 23 Sep 2019 17:10

Tgt Ion	Resp	Lower	Upper
240	1438522		
120	11.2	8.8	13.2
236	27.0	20.8	31.2

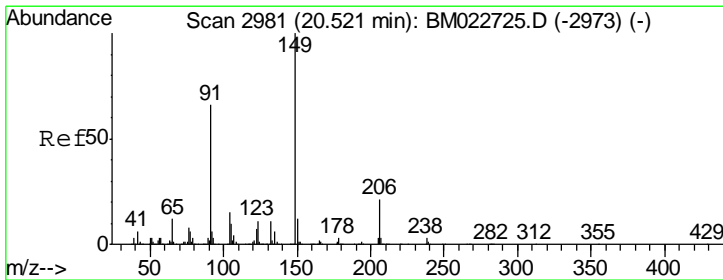
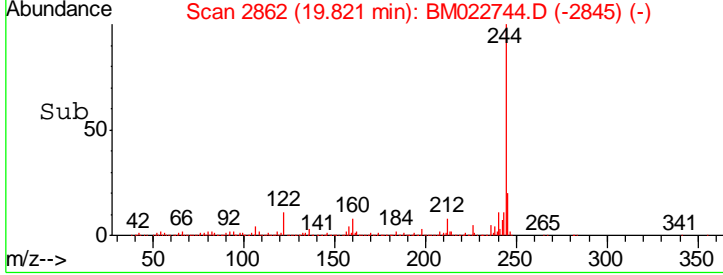
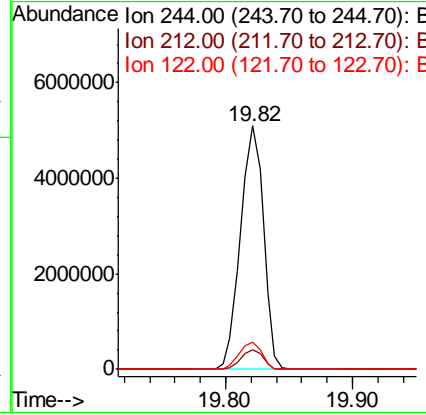
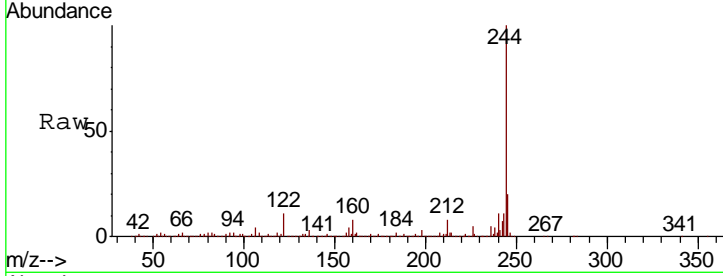




#79
 Terphenyl-d14
 Concen: 85.857 ng
 RT: 19.82 min Scan# 2862
 Delta R.T. -0.00 min
 Lab File: BM022744.D
 Acq: 23 Sep 2019 17:10

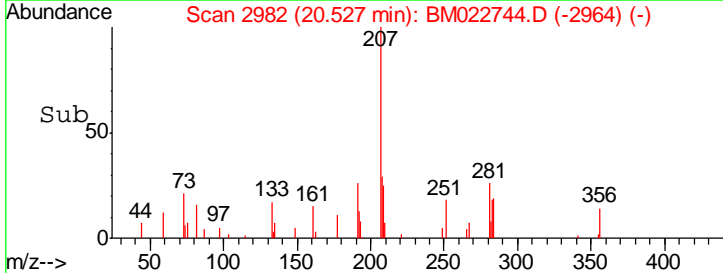
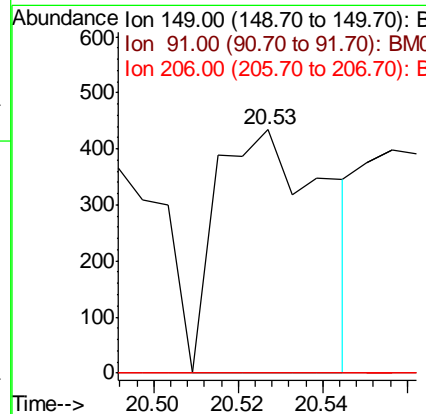
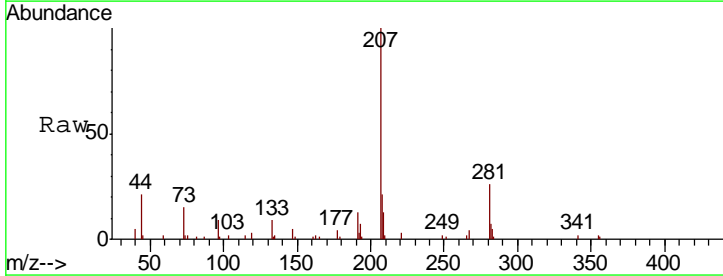
Instrument :
 BNA_M
 ClientSampled :

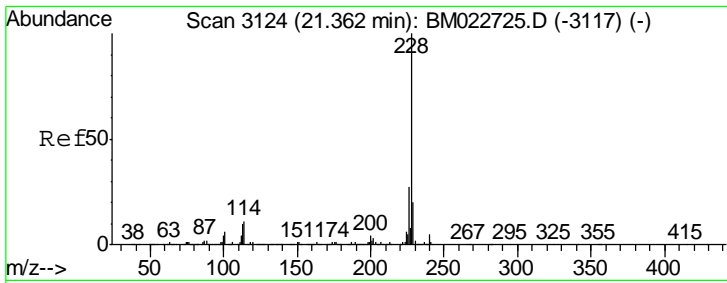
Tgt Ion	Resp	Lower	Upper
244	100		
212	8.1	5.9	8.9
122	11.1	9.0	13.4



#80
 Butylbenzylphthalate
 Concen: 0.022 ng
 RT: 20.53 min Scan# 2982
 Delta R.T. 0.01 min
 Lab File: BM022744.D
 Acq: 23 Sep 2019 17:10

Tgt Ion	Resp	Lower	Upper
149	100		
91	0.0	53.0	79.4#
206	0.0	16.9	25.3#

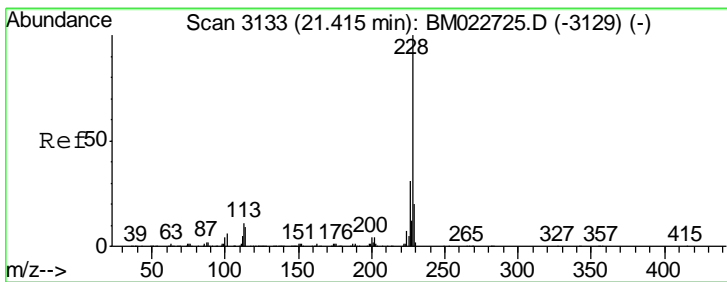
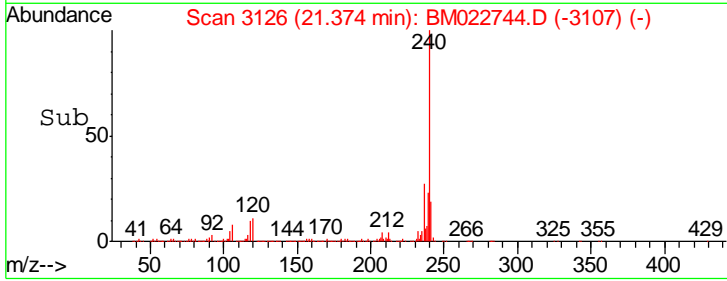
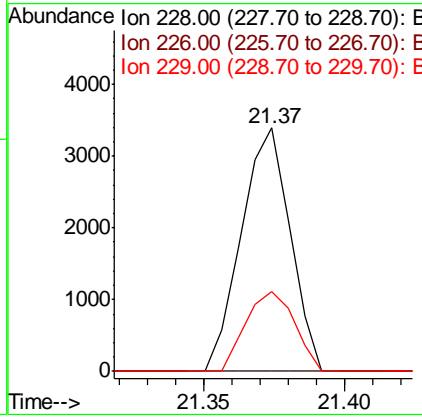
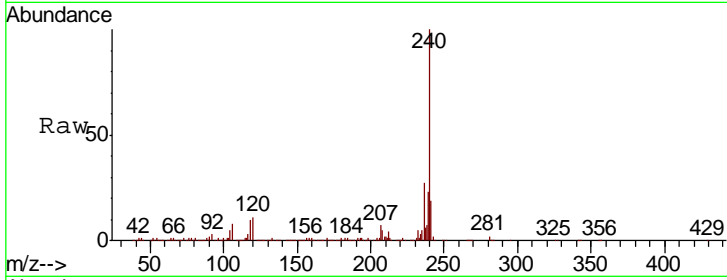




#81
 Benzo(a)anthracene
 Concen: 0.044 ng
 RT: 21.37 min Scan# 3126
 Delta R.T. 0.01 min
 Lab File: BM022744.D
 Acq: 23 Sep 2019 17:10

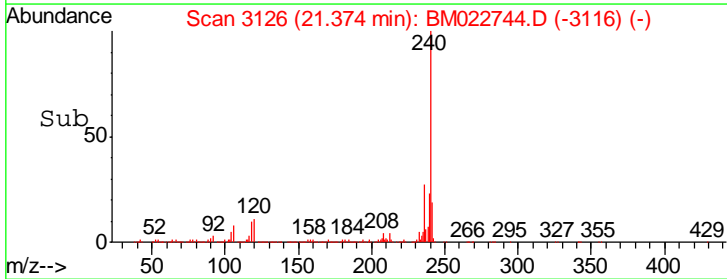
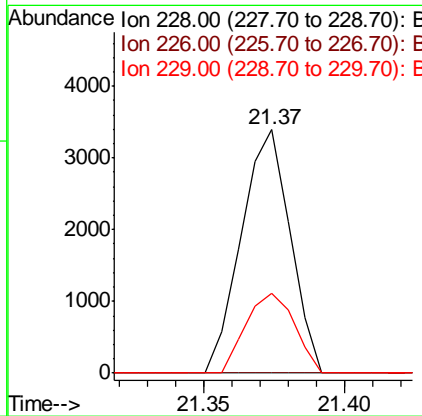
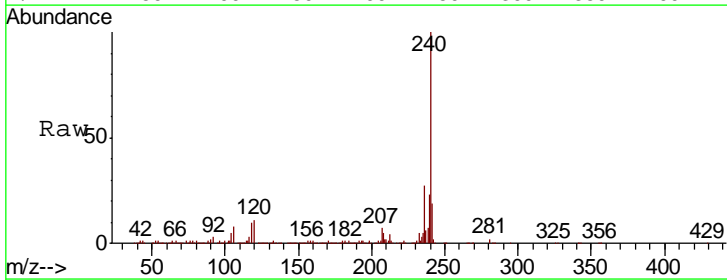
Instrument :
 BNA_M
 ClientSampled :

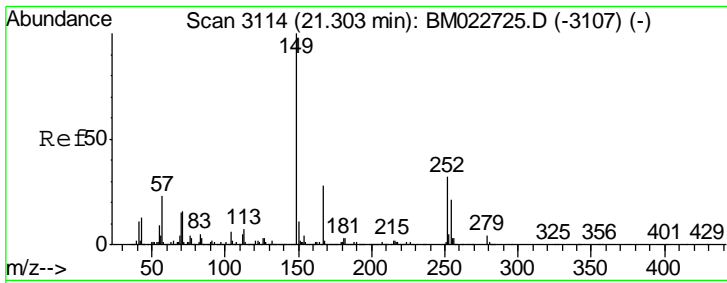
Tgt Ion	Resp	Lower	Upper
228	100		
226	0.0	22.0	33.0#
229	32.8	15.9	23.9#



#83
 Chrysene
 Concen: 0.045 ng
 RT: 21.37 min Scan# 3126
 Delta R.T. -0.04 min
 Lab File: BM022744.D
 Acq: 23 Sep 2019 17:10

Tgt Ion	Resp	Lower	Upper
228	100		
226	0.0	24.5	36.7#
229	32.8	15.9	23.9#

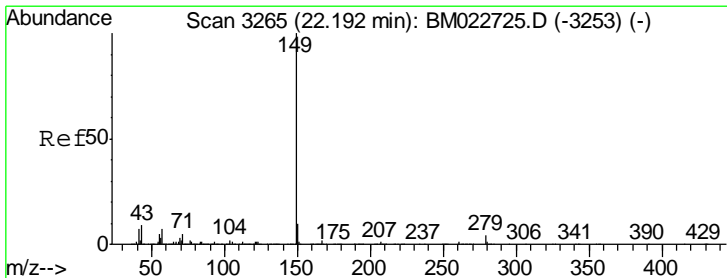
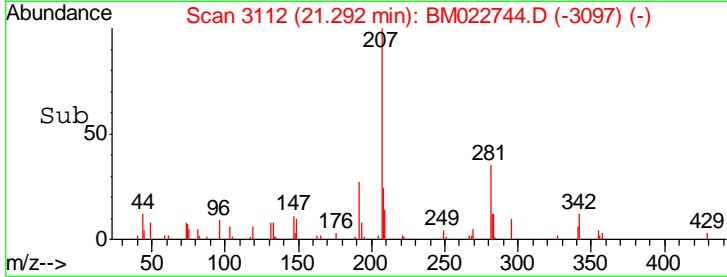
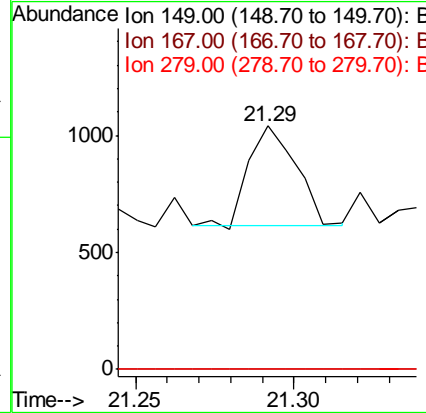
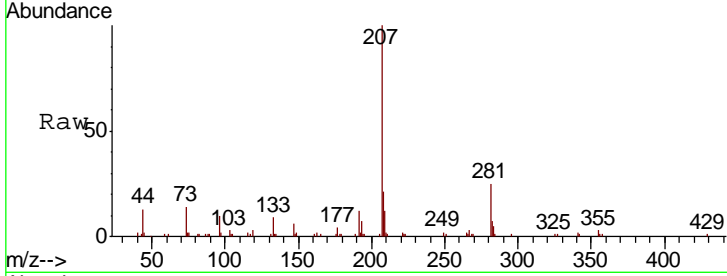




#84
 Bis(2-ethylhexyl)phthalate
 Concen: 0.008 ng
 RT: 21.29 min Scan# 3112
 Delta R.T. -0.01 min
 Lab File: BM022744.D
 Acq: 23 Sep 2019 17:10

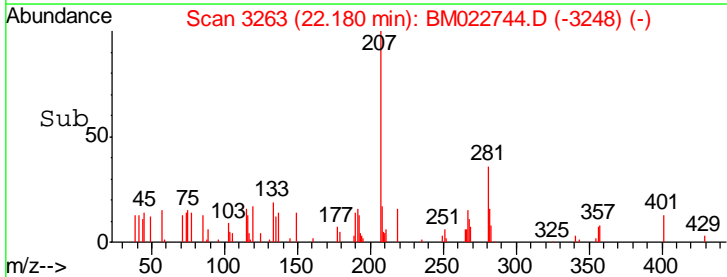
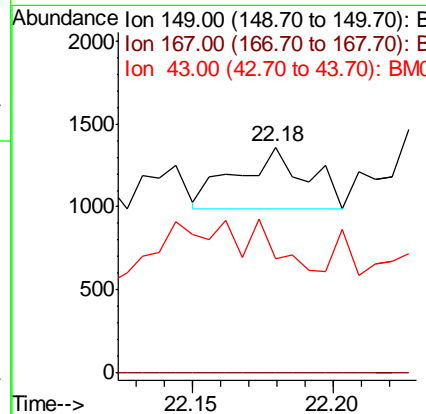
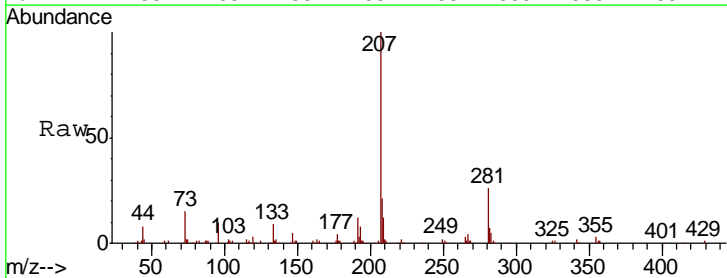
Instrument :
 BNA_M
 ClientSampled :

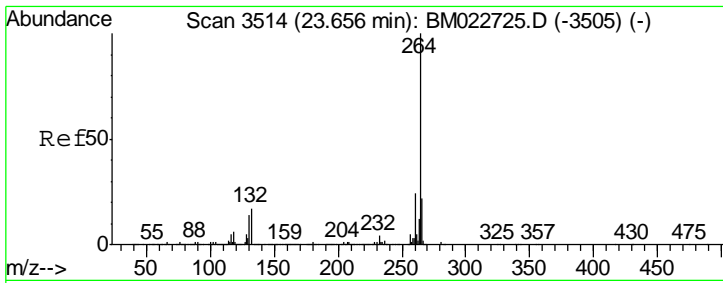
Tgt Ion	Resp	Lower	Upper
149	100		
167	0.0	22.1	33.1#
279	0.0	3.4	5.0#



#85
 Di-n-octyl phthalate
 Concen: 0.007 ng
 RT: 22.18 min Scan# 3263
 Delta R.T. -0.01 min
 Lab File: BM022744.D
 Acq: 23 Sep 2019 17:10

Tgt Ion	Resp	Lower	Upper
149	100		
167	0.0	1.3	1.9#
43	0.0	7.4	11.0#



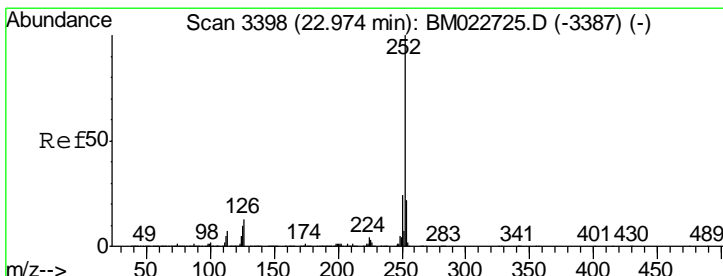
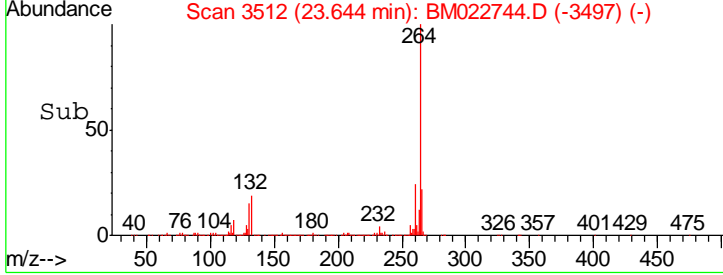
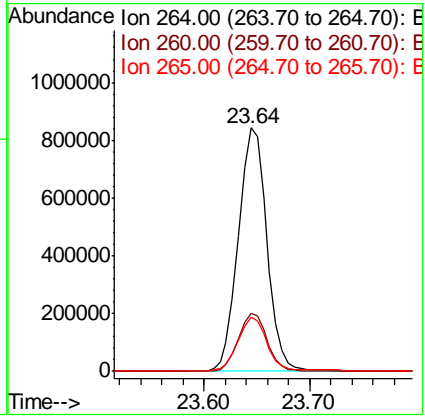
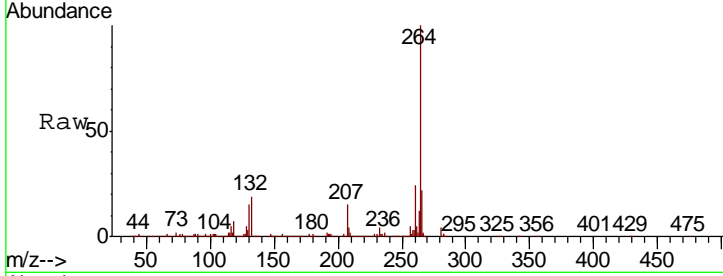


#87
 Perylene-d12
 Concen: 20.000 ng
 RT: 23.64 min Scan# 3512
 Delta R.T. -0.01 min
 Lab File: BM022744.D
 Acq: 23 Sep 2019 17:10

Instrument :
 BNA_M
 ClientSampled :

Tgt Ion: 264 Resp: 1583790

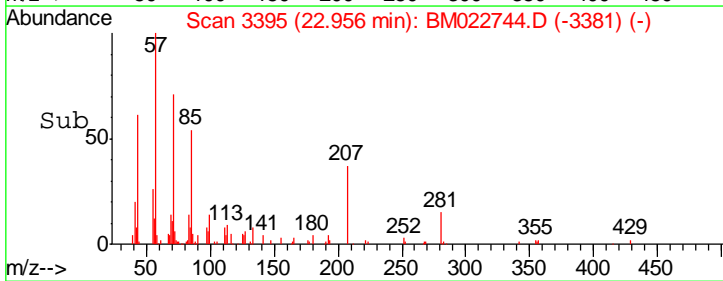
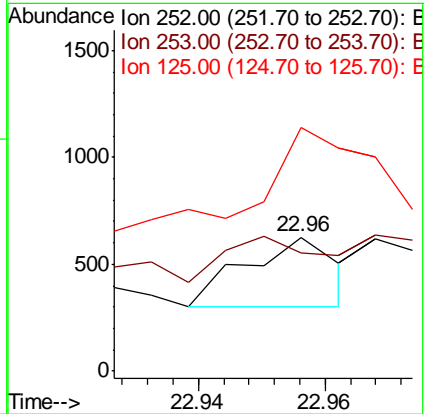
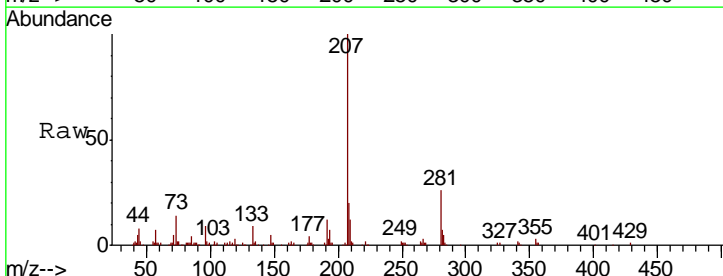
Ion	Ratio	Lower	Upper
264	100		
260	24.1	19.1	28.7
265	22.1	17.9	26.9

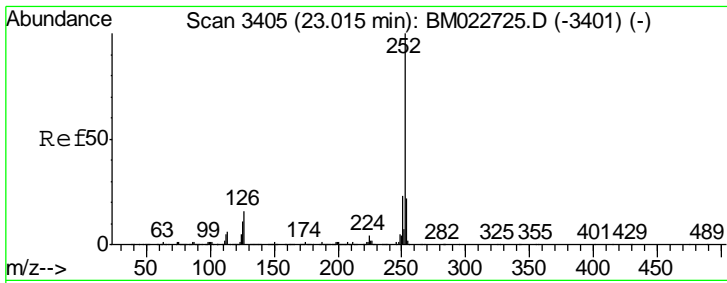


#88
 Benzo(b)fluoranthene
 Concen: 0.003 ng
 RT: 22.96 min Scan# 3395
 Delta R.T. -0.02 min
 Lab File: BM022744.D
 Acq: 23 Sep 2019 17:10

Tgt Ion: 252 Resp: 321

Ion	Ratio	Lower	Upper
252	100		
253	88.5	17.7	26.5#
125	181.9	8.2	12.4#

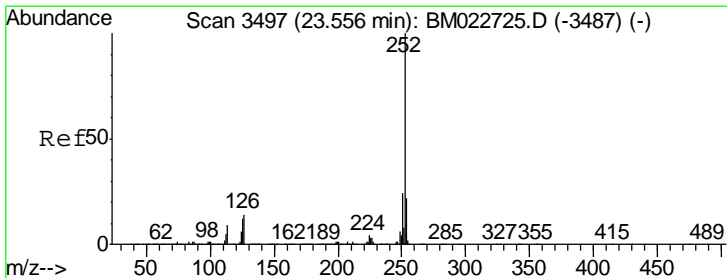
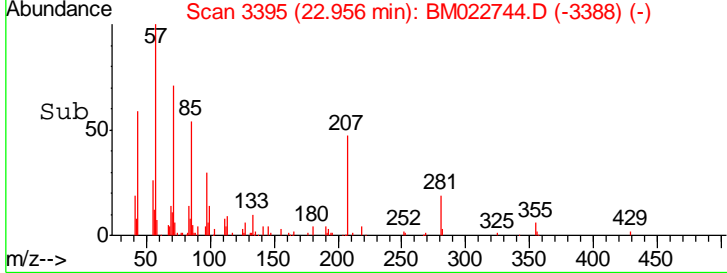
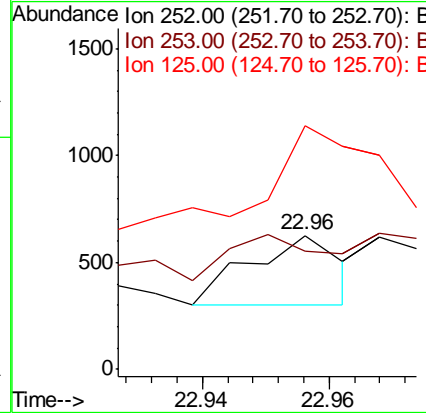
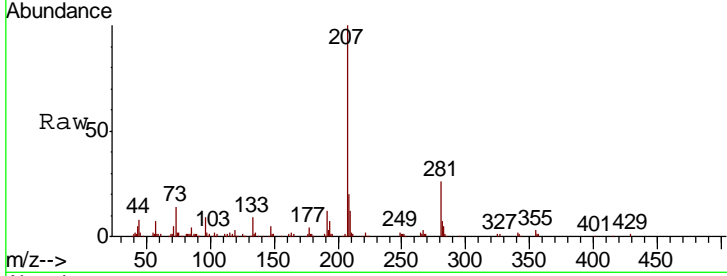




#89
 Benzo(k)fluoranthene
 Concen: 0.003 ng
 RT: 22.96 min Scan# 3395
 Delta R.T. -0.06 min
 Lab File: BM022744.D
 Acq: 23 Sep 2019 17:10

Instrument :
 BNA_M
 ClientSampled :

Tgt Ion	Resp	Lower	Upper
252	321		
253	100	17.7	26.5#
125	181.9	8.5	12.7#



#90
 Benzo(a)pyrene
 Concen: 0.017 ng
 RT: 23.52 min Scan# 3491
 Delta R.T. -0.04 min
 Lab File: BM022744.D
 Acq: 23 Sep 2019 17:10

Tgt Ion	Resp	Lower	Upper
252	1535		
253	100	17.3	25.9#
125	154.9	9.3	13.9#

