

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN100219\  
 Data File : BN007976.D  
 Acq On : 02 Oct 2019 21:29  
 Operator : JU  
 Sample : K5077-02  
 Misc :  
 ALS Vial : 12 Sample Multiplier: 1

Instrument :  
 BNA\_N  
 ClientSampled :

Quant Time: Oct 03 06:48:23 2019  
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA N\METHODS\8270-SIM-BN091819.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Wed Sep 18 18:24:40 2019  
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.69	152	5344	0.40	ng	-0.02
7) Naphthalene-d8	10.46	136	22351	0.40	ng	-0.01
13) Acenaphthene-d10	14.31	164	13999	0.40	ng	-0.01
19) Phenanthrene-d10	17.06	188	29772	0.40	ng	-0.01
27) Chrysene-d12	21.26	240	32432	0.40	ng	-0.01
34) Perylene-d12	23.47	264	34906	0.40	ng	-0.02

## System Monitoring Compounds

4) 2-Fluorophenol	5.31	112	4245	0.23	ng	0.00
5) Phenol-d6	6.87	99	5764	0.25	ng	0.00
8) Nitrobenzene-d5	8.82	82	4834	0.25	ng	-0.01
11) 2-Methylnaphthalene-d10	12.05	152	10096	0.27	ng	-0.01
14) 2,4,6-Tribromophenol	15.81	330	1796	0.24	ng	-0.01
15) 2-Fluorobiphenyl	12.93	172	13607	0.24	ng	-0.01
25) Fluoranthene-d10	19.09	212	25362	0.25	ng	-0.01
29) Terphenyl-d14	19.70	244	20328	0.26	ng	-0.01

## Target Compounds

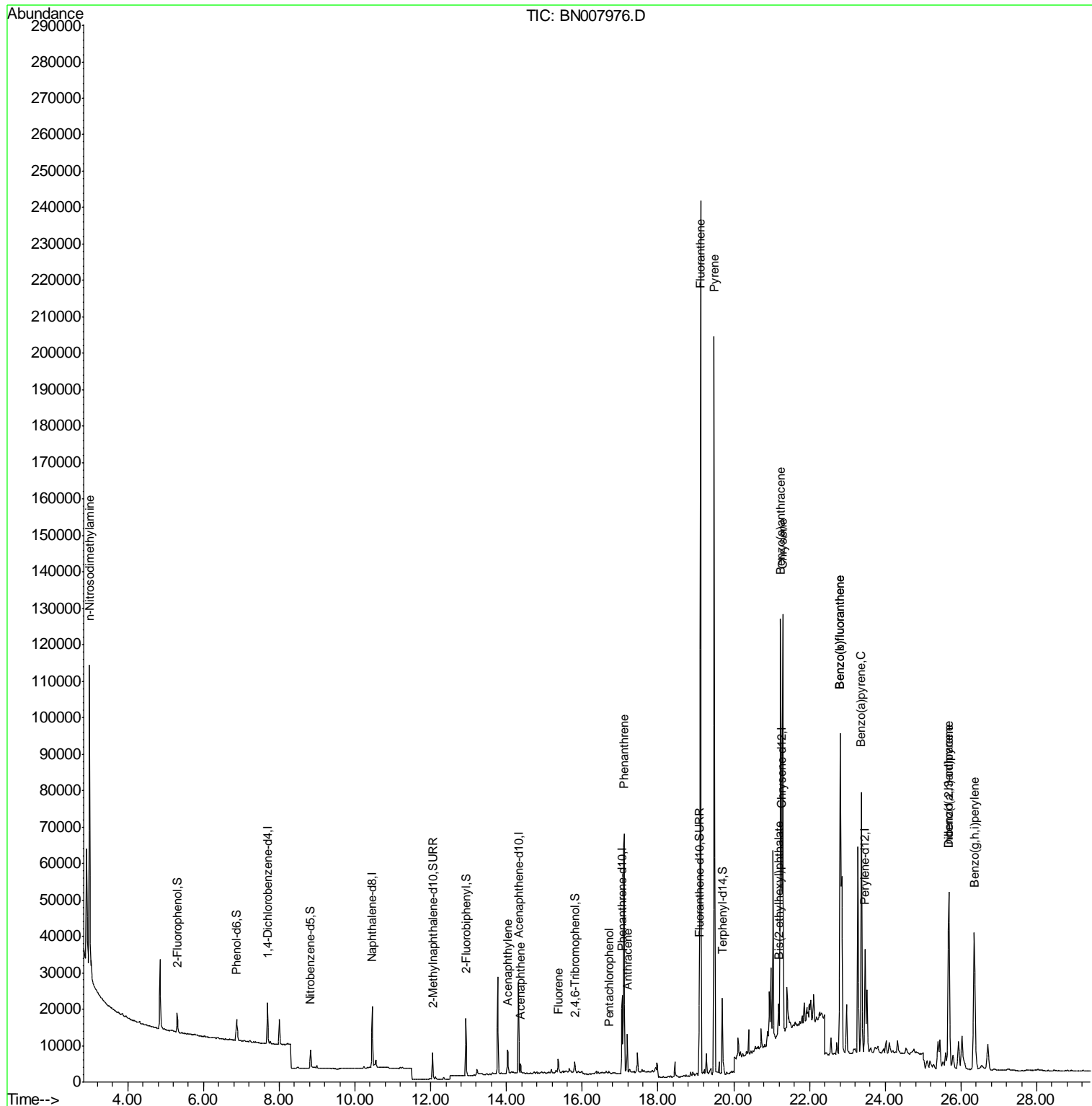
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
3) n-Nitrosodimethylamine	2.99	42	8587	3.148	ng	83
16) Acenaphthylene	14.02	152	9276	0.125	ng	99
17) Acenaphthene	14.37	154	1506	0.031	ng	92
18) Fluorene	15.36	166	2700	0.044	ng	# 92
22) Pentachlorophenol	16.72	266	151	0.021	ng	# 79
23) Phenanthrene	17.10	178	75212	0.811	ng	100
24) Anthracene	17.19	178	10749	0.128	ng	# 95
26) Fluoranthene	19.12	202	208870	1.811	ng	100
28) Pyrene	19.49	202	181843	1.644	ng	96
30) Benzo(a)anthracene	21.24	228	88804	0.744	ng	98
31) Chrysene	21.29	228	103574	0.890	ng	97
32) Bis(2-ethylhexyl)phthalate	21.19	149	8277	0.135	ng	98
33) Indeno(1,2,3-cd)pyrene	25.68	276	78376	0.538	ng	# 94
35) Benzo(b)fluoranthene	22.81	252	145693	1.202	ng	97
36) Benzo(k)fluoranthene	22.81	252	145693	1.216	ng	98
37) Benzo(a)pyrene	23.37	252	97935	0.860	ng	98
38) Dibenzo(a,h)anthracene	25.68	278	17799	0.153	ng	# 80
39) Benzo(a,h,i)perylene	26.35	276	77628	0.673	ng	99

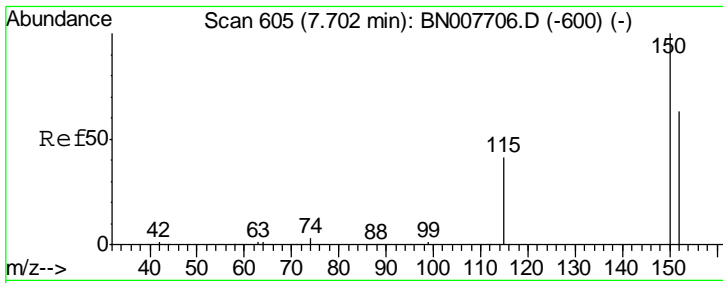
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN100219\  
 Data File : BN007976.D  
 Acq On : 02 Oct 2019 21:29  
 Operator : JU  
 Sample : K5077-02  
 Misc :  
 ALS Vial : 12 Sample Multiplier: 1

Instrument :  
 BNA\_N  
 ClientSampled :

Quant Time: Oct 03 06:48:23 2019  
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA N\METHODS\8270-SIM-BN091819.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Wed Sep 18 18:24:40 2019  
 Response via : Initial Calibration

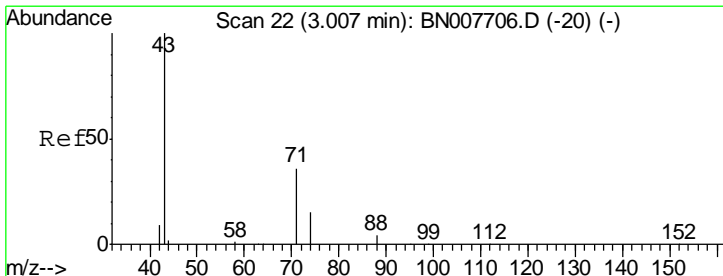
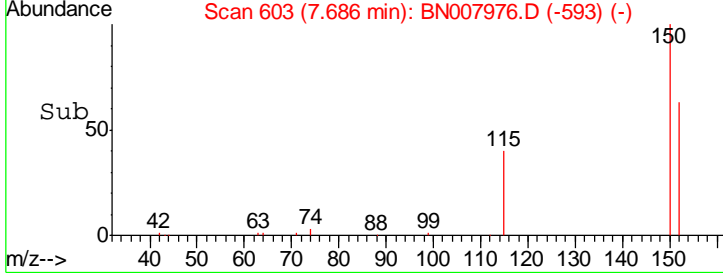
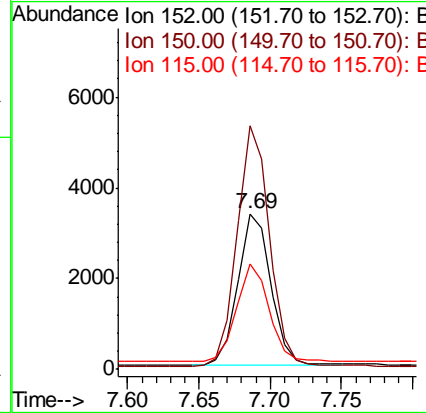
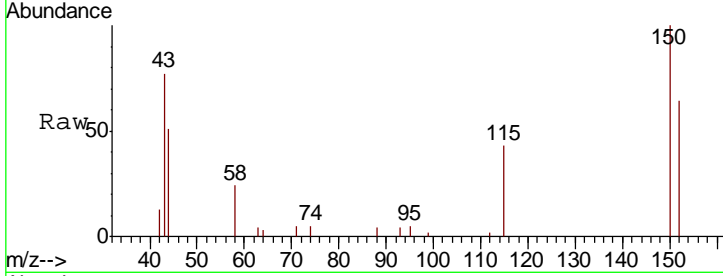




#1  
 1,4-Dichlorobenzene-d4  
 Concen: 0.400 ng  
 RT: 7.69 min Scan# 603  
 Delta R.T. -0.02 min  
 Lab File: BN007976.D  
 Acq: 02 Oct 2019 21:29

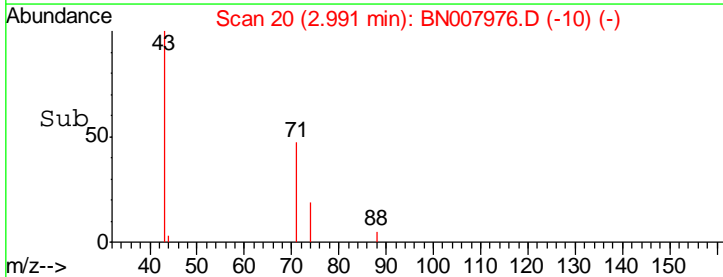
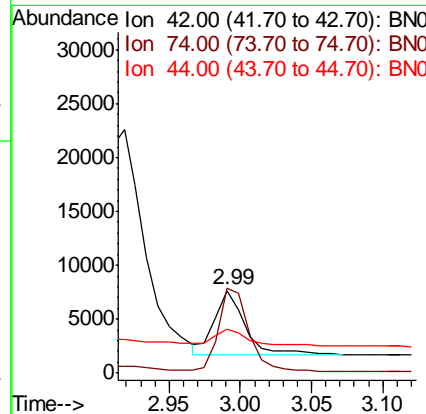
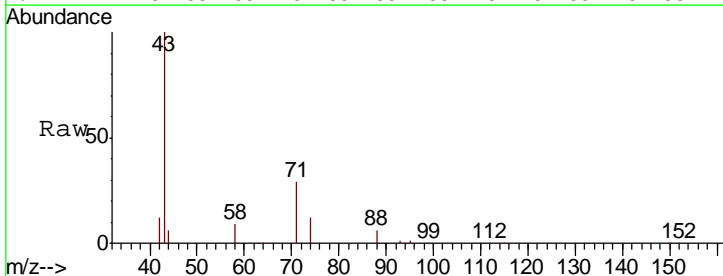
Instrument :  
 BNA\_N  
 ClientSampled :

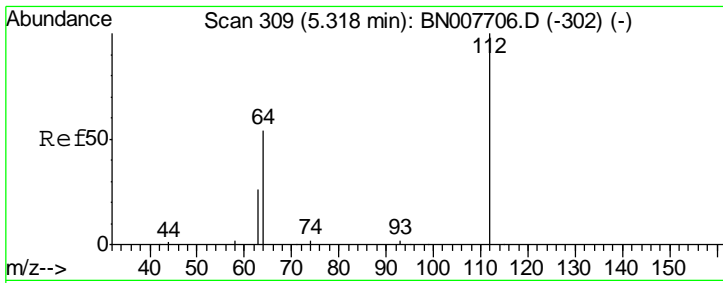
Tgt Ion	Resp	Lower	Upper
152	100		
150	156.6	125.6	188.4
115	67.3	53.3	79.9



#3  
 n-Nitrosodimethylamine  
 Concen: 3.148 ng  
 RT: 2.99 min Scan# 20  
 Delta R.T. -0.02 min  
 Lab File: BN007976.D  
 Acq: 02 Oct 2019 21:29

Tgt Ion	Resp	Lower	Upper
42	100		
74	129.9	87.9	131.9
44	30.2	29.4	44.0

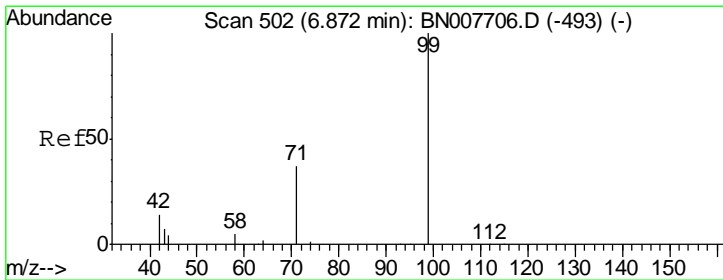
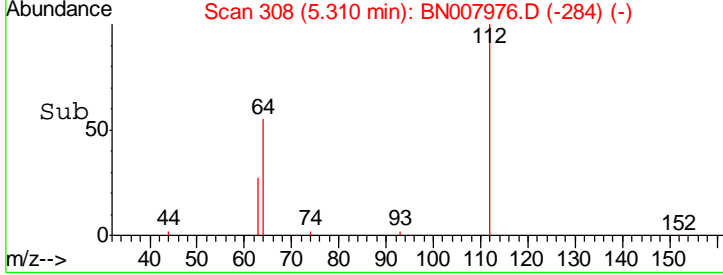
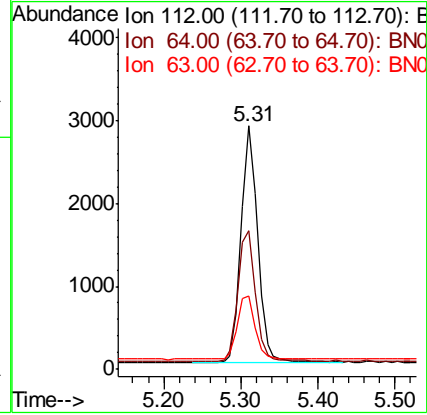
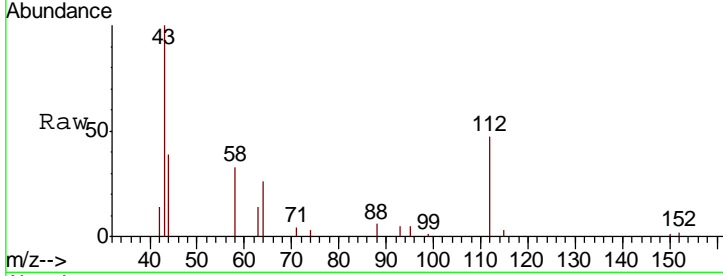




#4  
 2-Fluorophenol  
 Concen: 0.231 ng  
 RT: 5.31 min Scan# 308  
 Delta R.T. -0.01 min  
 Lab File: BN007976.D  
 Acq: 02 Oct 2019 21:29

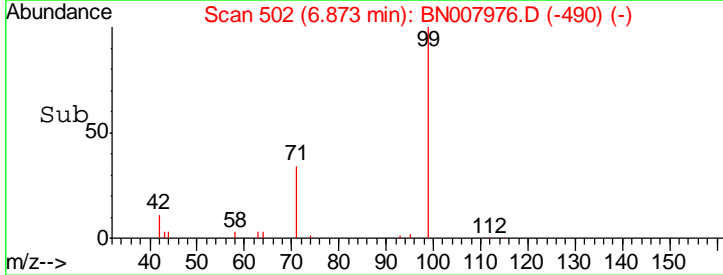
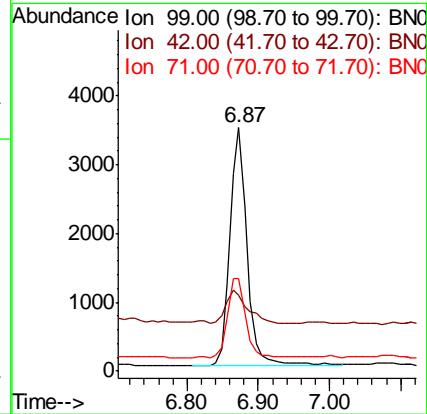
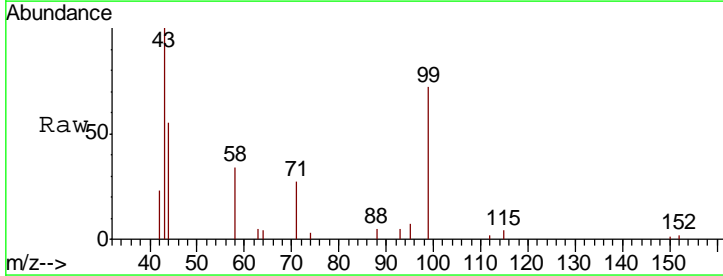
Instrument :  
 BNA\_N  
 ClientSampled :

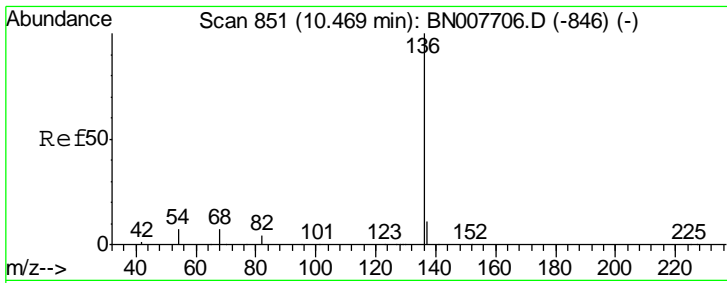
Tgt Ion	Resp	Lower	Upper
112	100		
64	57.4	46.6	70.0
63	28.2	23.1	34.7



#5  
 Phenol-d6  
 Concen: 0.249 ng  
 RT: 6.87 min Scan# 502  
 Delta R.T. 0.00 min  
 Lab File: BN007976.D  
 Acq: 02 Oct 2019 21:29

Tgt Ion	Resp	Lower	Upper
99	100		
42	17.1	12.8	19.2
71	35.9	27.6	41.4

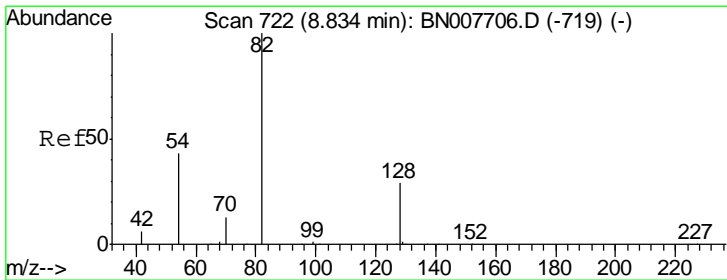
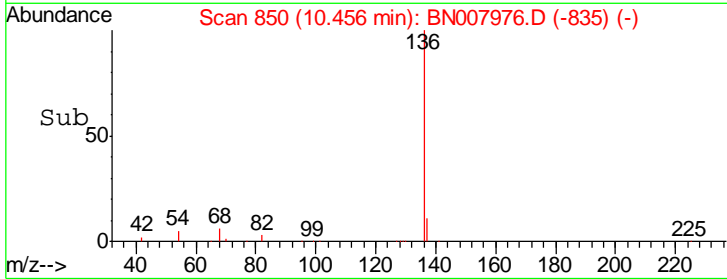
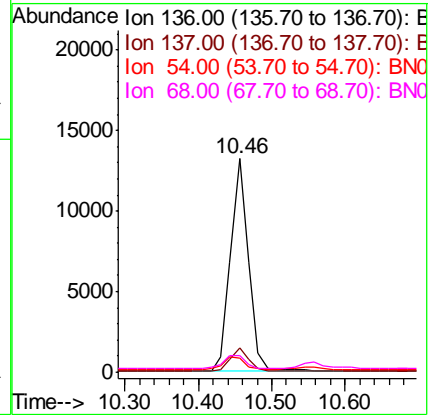
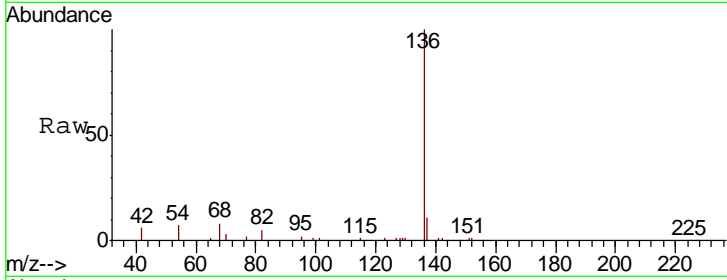




#7  
 Naphthalene-d8  
 Concen: 0.400 ng  
 RT: 10.46 min Scan# 850  
 Delta R.T. -0.01 min  
 Lab File: BN007976.D  
 Acq: 02 Oct 2019 21:29

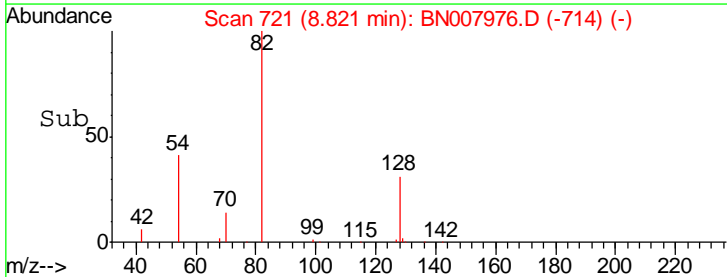
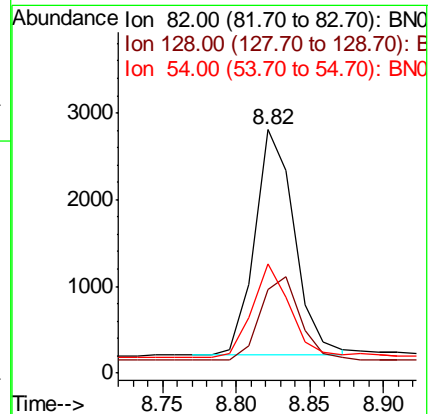
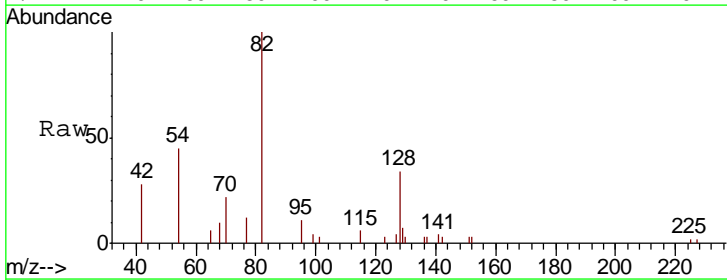
Instrument :  
 BNA\_N  
 ClientSampled :

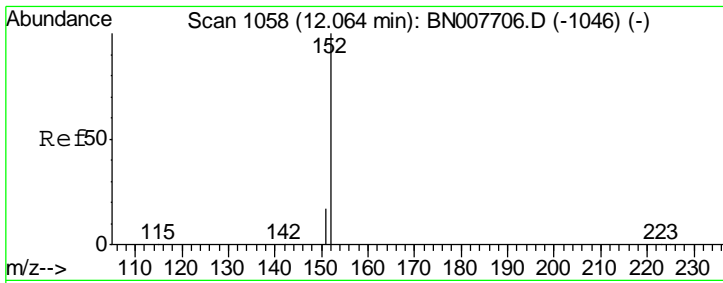
Tgt Ion	Resp	Lower	Upper
136	22351		
137	11.4	9.2	13.8
54	6.6	5.8	8.8
68	7.6	6.5	9.7



#8  
 Nitrobenzene-d5  
 Concen: 0.247 ng  
 RT: 8.82 min Scan# 721  
 Delta R.T. -0.01 min  
 Lab File: BN007976.D  
 Acq: 02 Oct 2019 21:29

Tgt Ion	Resp	Lower	Upper
82	4834		
128	34.4	24.5	36.7
54	44.8	35.2	52.8

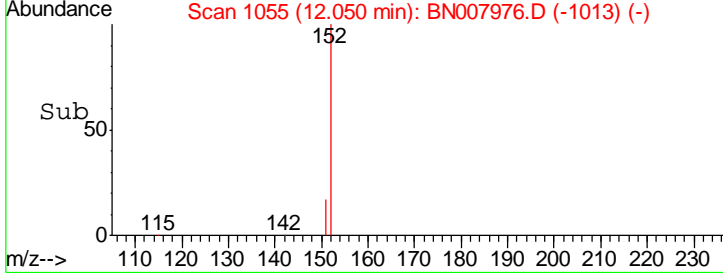
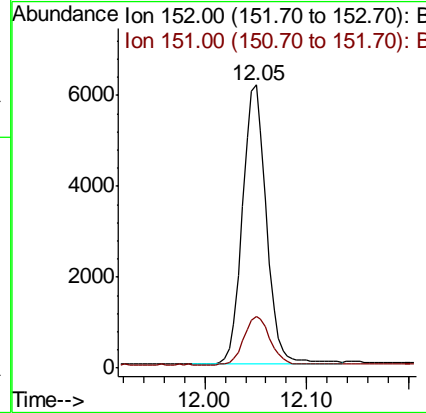
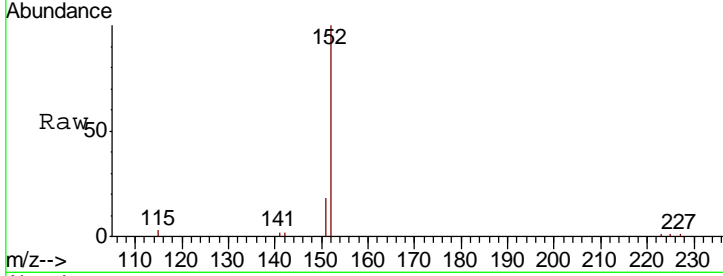




#11  
 2-Methylnaphthalene-d10  
 Concen: 0.268 ng  
 RT: 12.05 min Scan# 1055  
 Delta R.T. -0.01 min  
 Lab File: BN007976.D  
 Acq: 02 Oct 2019 21:29

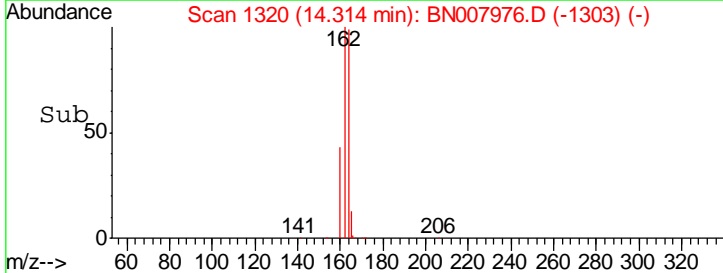
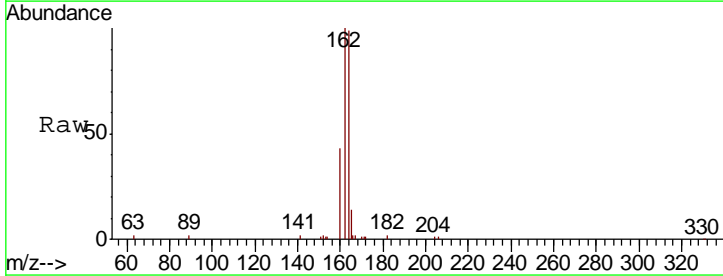
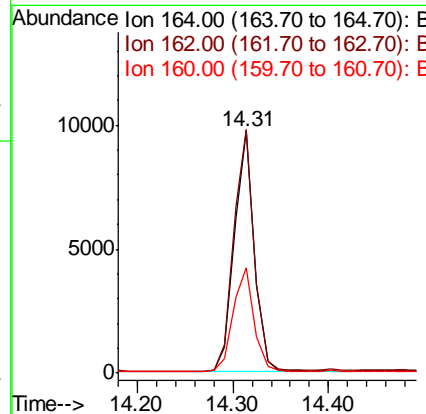
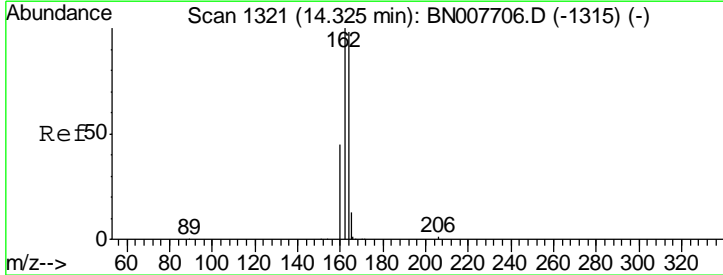
Instrument :  
 BNA\_N  
 ClientSampled :

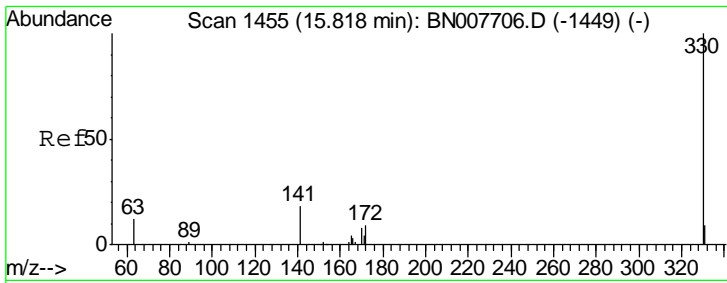
Tgt Ion	Resp	Lower	Upper
152	10096		
151	18.8	15.4	23.2



#13  
 Acenaphthene-d10  
 Concen: 0.400 ng  
 RT: 14.31 min Scan# 1320  
 Delta R.T. -0.01 min  
 Lab File: BN007976.D  
 Acq: 02 Oct 2019 21:29

Tgt Ion	Resp	Lower	Upper
164	13999		
162	100.7	81.7	122.5
160	43.5	37.0	55.4

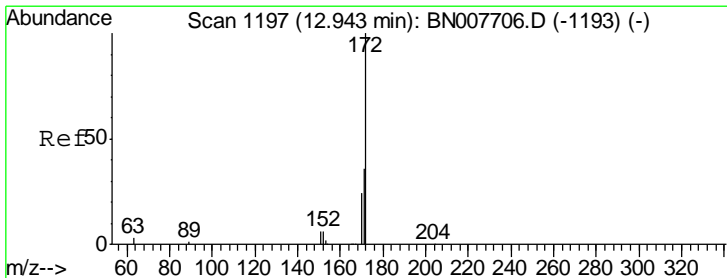
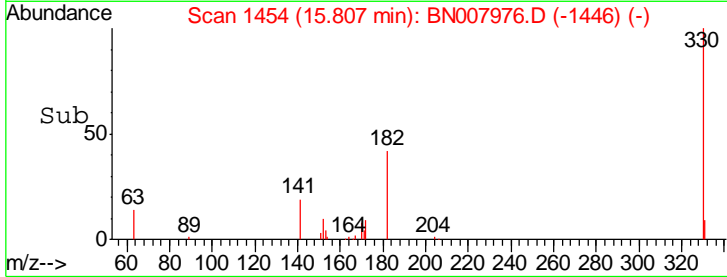
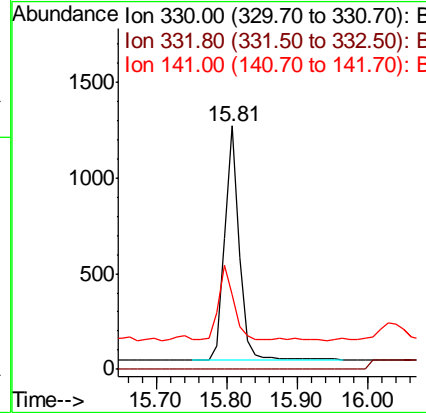
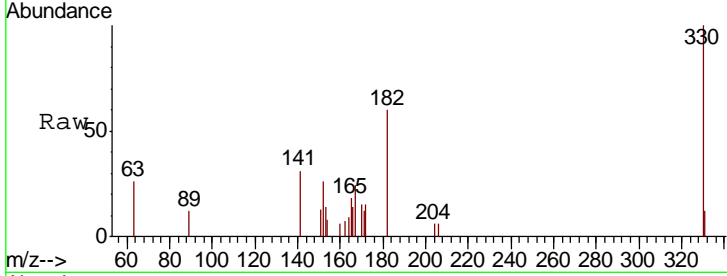




#14  
 2,4,6-Tribromophenol  
 Concen: 0.236 ng  
 RT: 15.81 min Scan# 1454  
 Delta R.T. -0.01 min  
 Lab File: BN007976.D  
 Acq: 02 Oct 2019 21:29

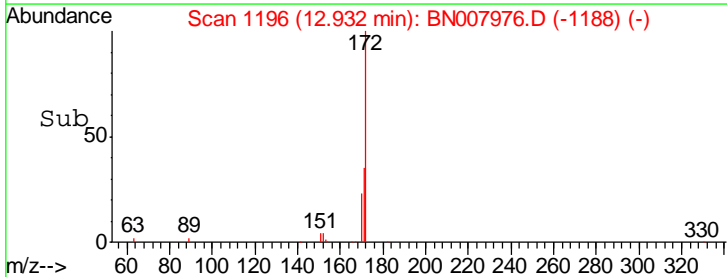
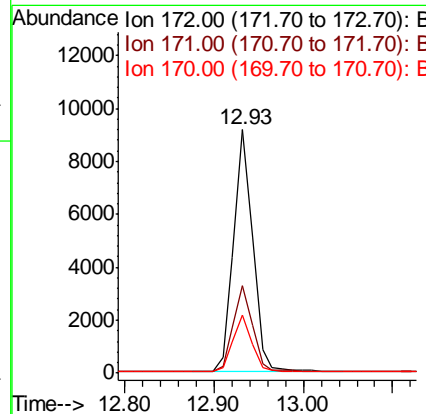
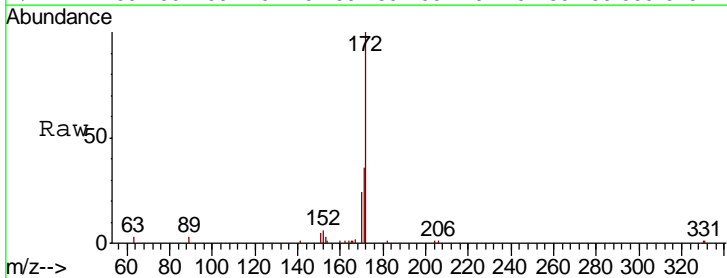
Instrument :  
 BNA\_N  
 ClientSampled :

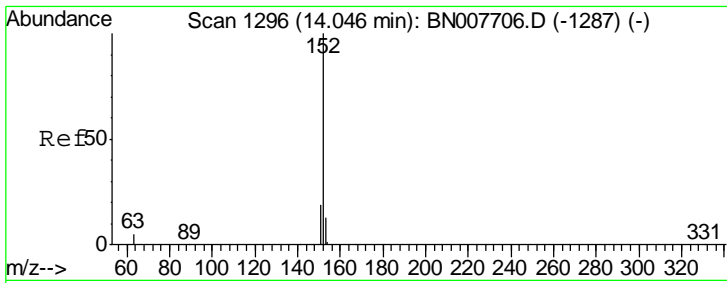
Tgt Ion	Resp	Lower	Upper
330	1796		
332	0.0	0.0	0.0
141	32.5	28.7	43.1



#15  
 2-Fluorobiphenyl  
 Concen: 0.236 ng  
 RT: 12.93 min Scan# 1196  
 Delta R.T. -0.01 min  
 Lab File: BN007976.D  
 Acq: 02 Oct 2019 21:29

Tgt Ion	Resp	Lower	Upper
172	13607		
171	35.7	28.8	43.2
170	23.6	19.5	29.3

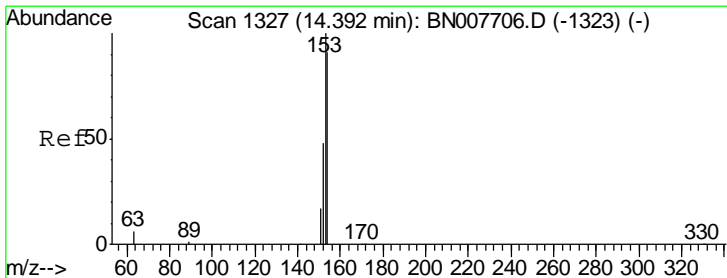
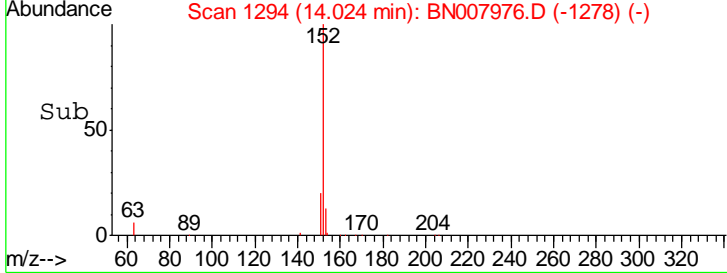
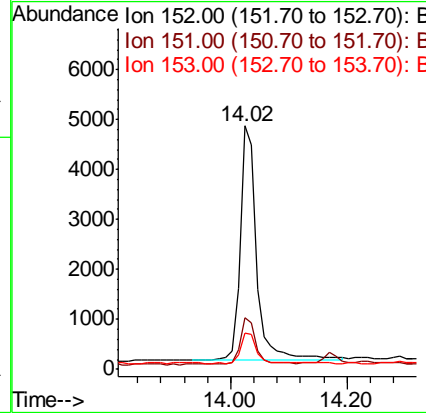
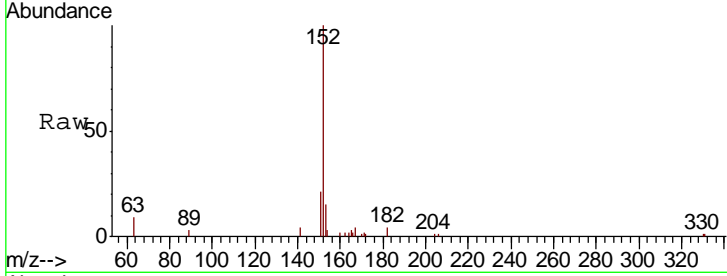




#16  
 Acenaphthylene  
 Concen: 0.125 ng  
 RT: 14.02 min Scan# 1294  
 Delta R.T. -0.02 min  
 Lab File: BN007976.D  
 Acq: 02 Oct 2019 21:29

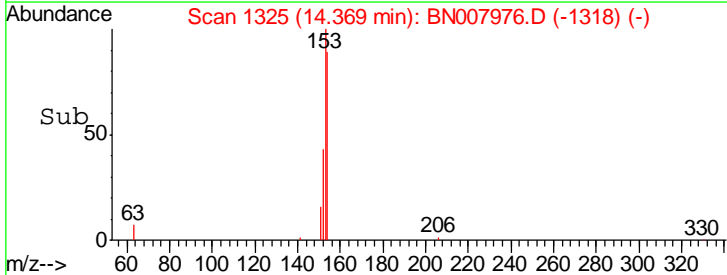
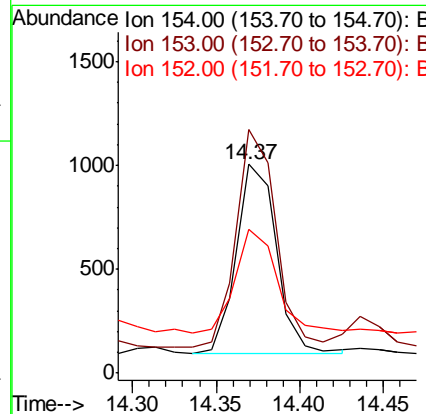
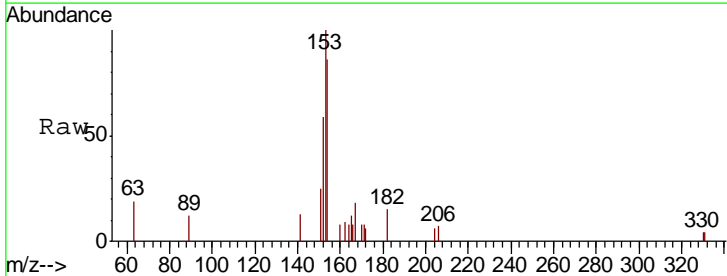
Instrument :  
 BNA\_N  
 ClientSampled :

Tgt Ion	Resp	Lower	Upper
152	9276		
151	19.8	15.5	23.3
153	12.9	10.4	15.6

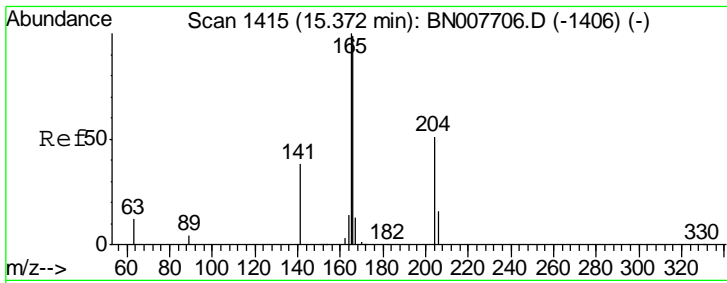


#17  
 Acenaphthene  
 Concen: 0.031 ng  
 RT: 14.37 min Scan# 1325  
 Delta R.T. -0.02 min  
 Lab File: BN007976.D  
 Acq: 02 Oct 2019 21:29

Tgt Ion	Resp	Lower	Upper
154	1506		
153	113.9	87.0	130.4
152	62.5	42.7	64.1



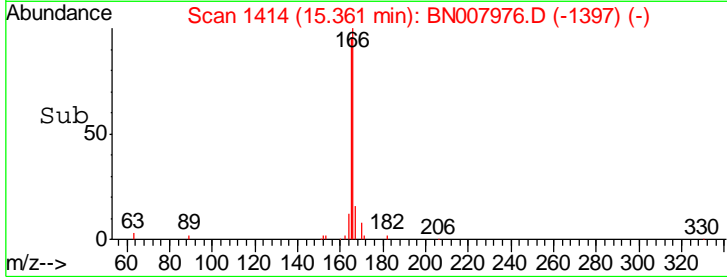
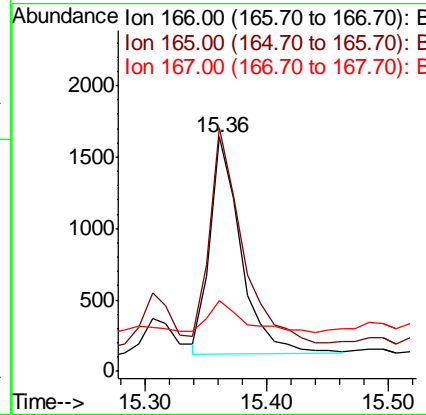
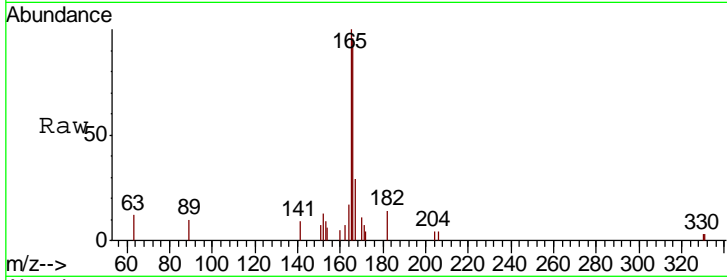




#18  
 Fluorene  
 Concen: 0.044 ng  
 RT: 15.36 min Scan# 1414  
 Delta R.T. -0.01 min  
 Lab File: BN007976.D  
 Acq: 02 Oct 2019 21:29

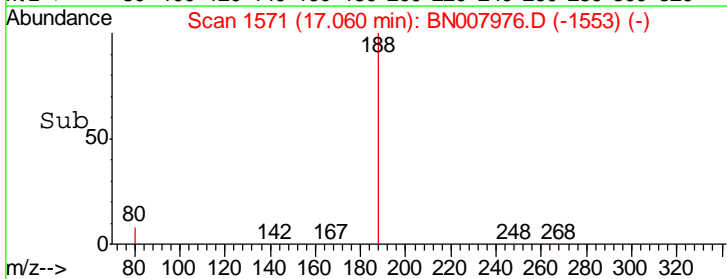
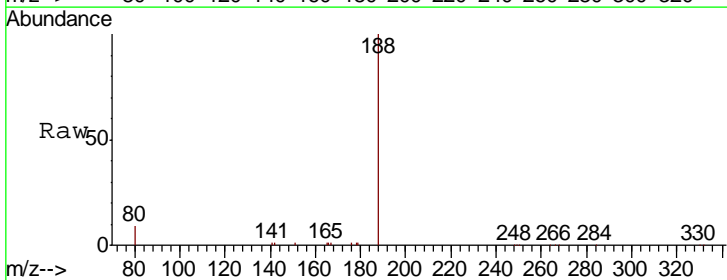
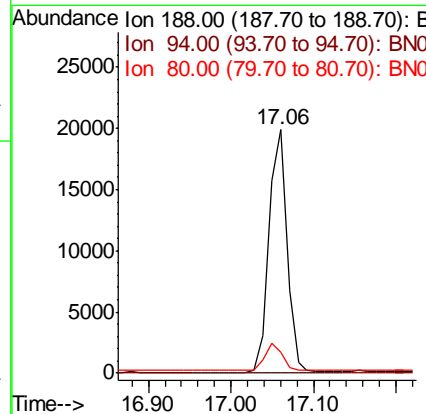
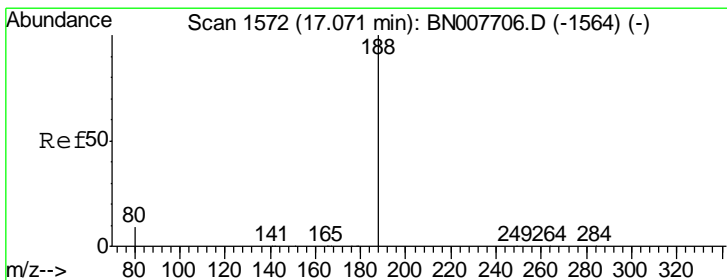
Instrument :  
 BNA\_N  
 ClientSampled :

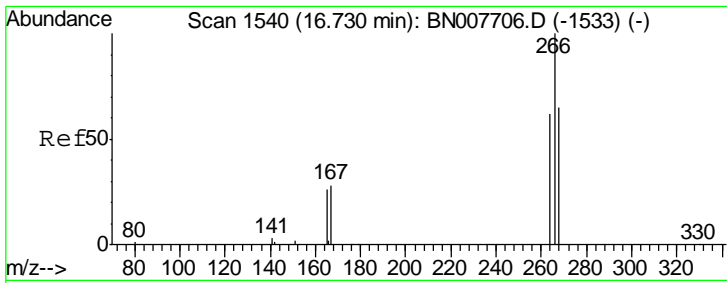
Tgt Ion	Resp	Lower	Upper
166	100		
165	105.2	78.0	117.0
167	16.4	10.9	16.3#



#19  
 Phenanthrene-d10  
 Concen: 0.400 ng  
 RT: 17.06 min Scan# 1571  
 Delta R.T. -0.01 min  
 Lab File: BN007976.D  
 Acq: 02 Oct 2019 21:29

Tgt Ion	Resp	Lower	Upper
188	100		
94	0.0	0.0	0.0
80	8.6	7.4	11.2

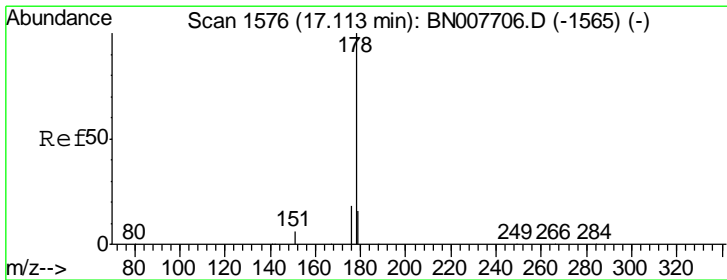
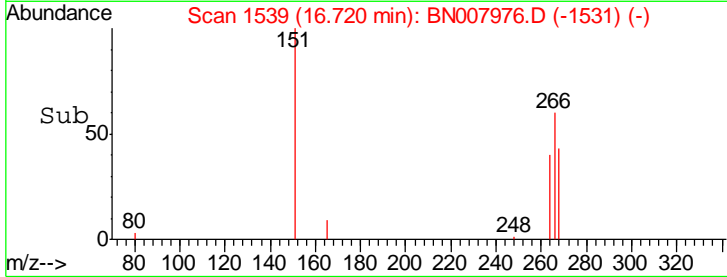
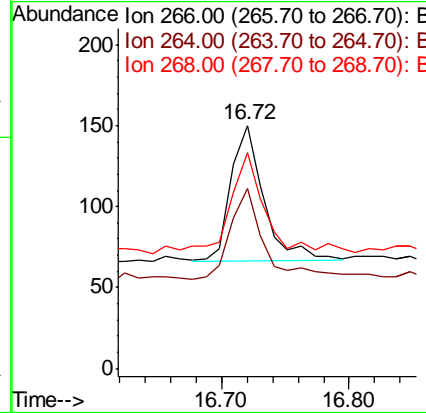
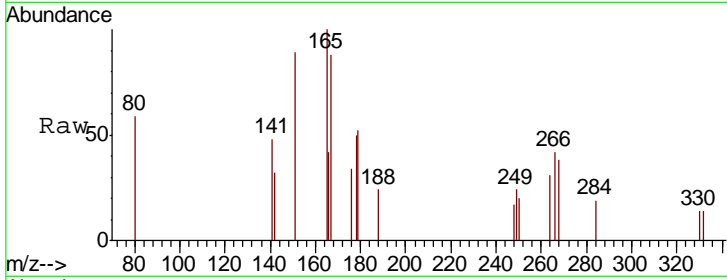




#22  
 Pentachlorophenol  
 Concen: 0.021 ng  
 RT: 16.72 min Scan# 1539  
 Delta R.T. -0.01 min  
 Lab File: BN007976.D  
 Acq: 02 Oct 2019 21:29

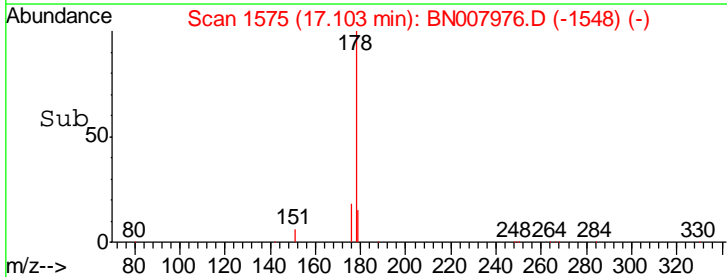
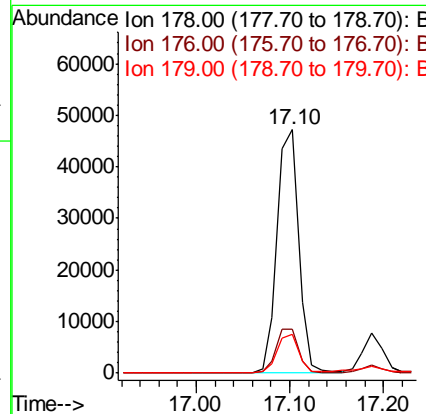
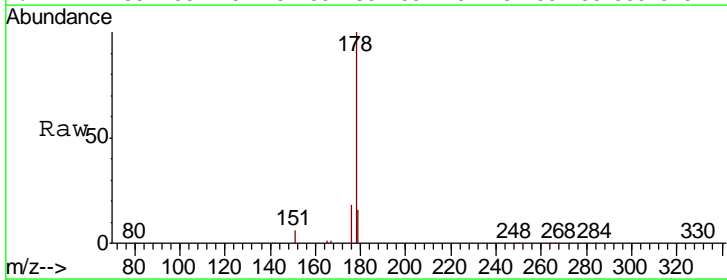
Instrument :  
 BNA\_N  
 ClientSampled :

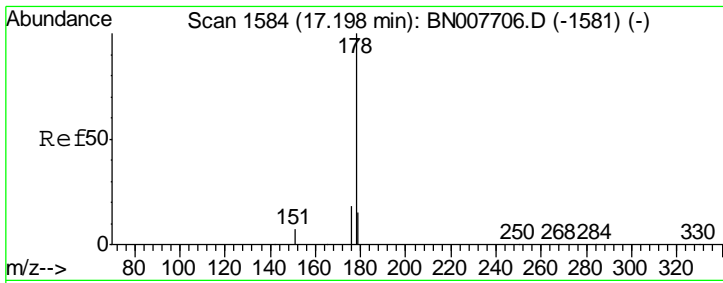
Tgt Ion	Resp	Lower	Upper
266	151		
264	74.0	50.0	75.0
268	88.7	54.2	81.4



#23  
 Phenanthrene  
 Concen: 0.811 ng  
 RT: 17.10 min Scan# 1575  
 Delta R.T. -0.01 min  
 Lab File: BN007976.D  
 Acq: 02 Oct 2019 21:29

Tgt Ion	Resp	Lower	Upper
178	75212		
176	18.6	14.9	22.3
179	15.4	12.5	18.7

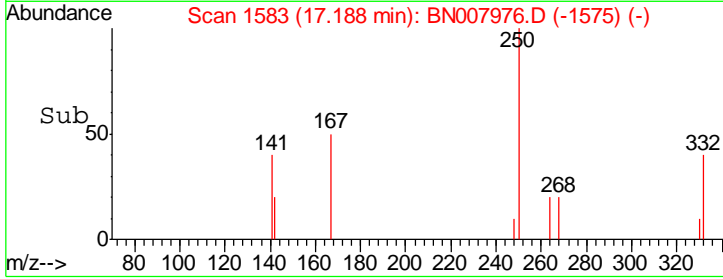
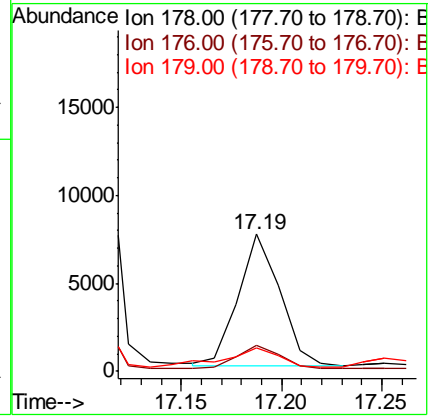
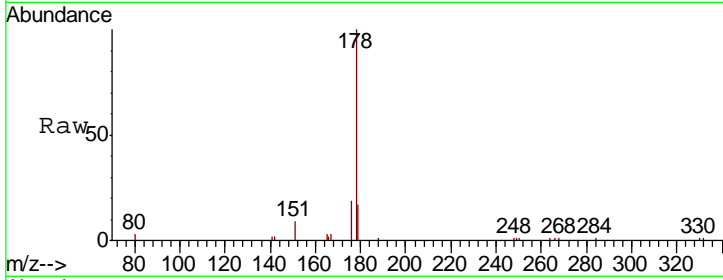




#24  
 Anthracene  
 Concen: 0.128 ng  
 RT: 17.19 min Scan# 1583  
 Delta R.T. -0.01 min  
 Lab File: BN007976.D  
 Acq: 02 Oct 2019 21:29

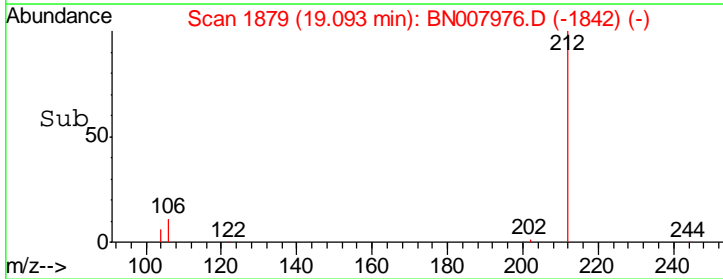
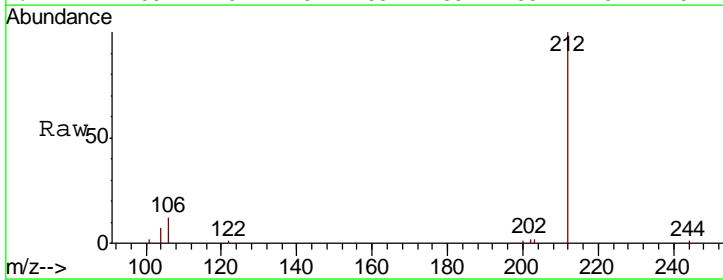
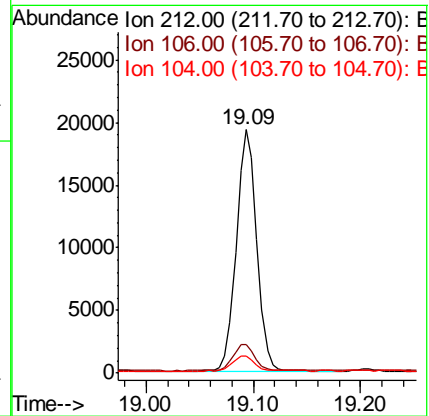
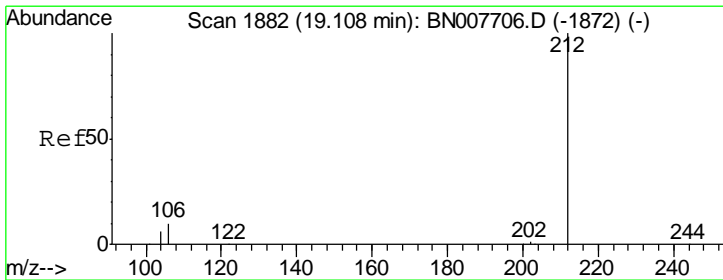
Instrument :  
 BNA\_N  
 ClientSampled :

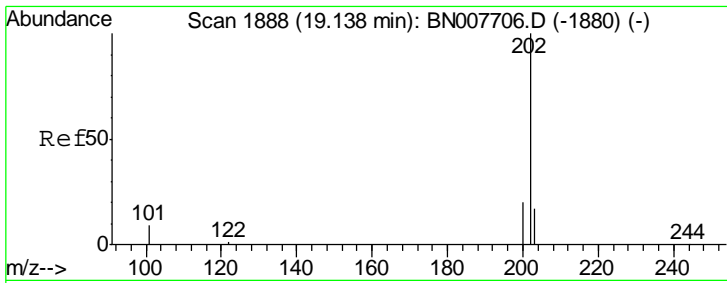
Tgt Ion	Resp	Lower	Upper
178	10749		
176	18.3	14.6	21.8
179	19.9	12.2	18.4#



#25  
 Fluoranthene-d10  
 Concen: 0.253 ng  
 RT: 19.09 min Scan# 1879  
 Delta R.T. -0.01 min  
 Lab File: BN007976.D  
 Acq: 02 Oct 2019 21:29

Tgt Ion	Resp	Lower	Upper
212	25362		
106	11.4	9.4	14.0
104	6.6	5.3	7.9

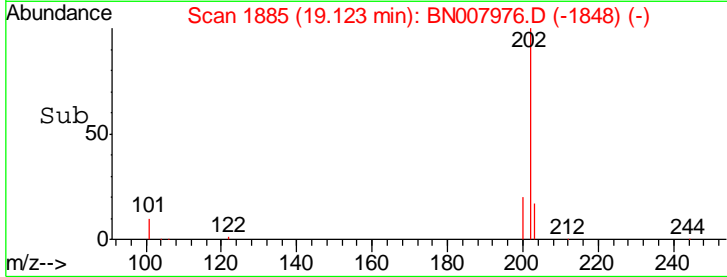
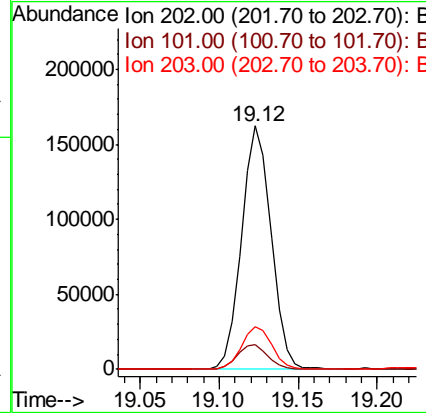
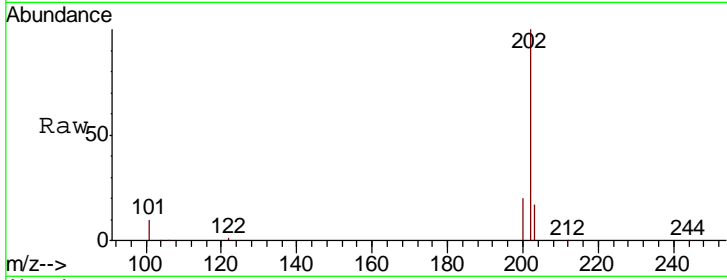




#26  
 Fluoranthene  
 Concen: 1.811 ng  
 RT: 19.12 min Scan# 1885  
 Delta R.T. -0.01 min  
 Lab File: BN007976.D  
 Acq: 02 Oct 2019 21:29

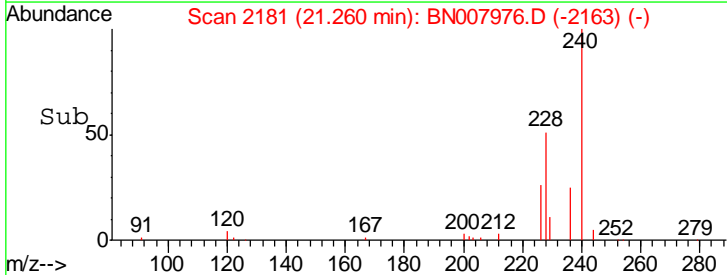
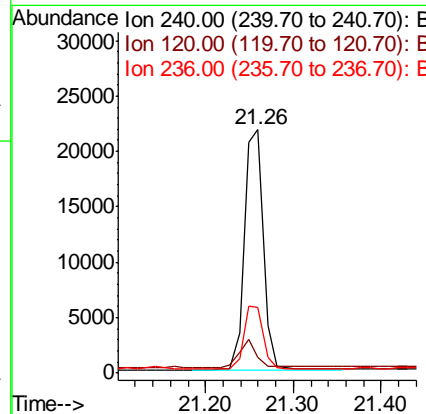
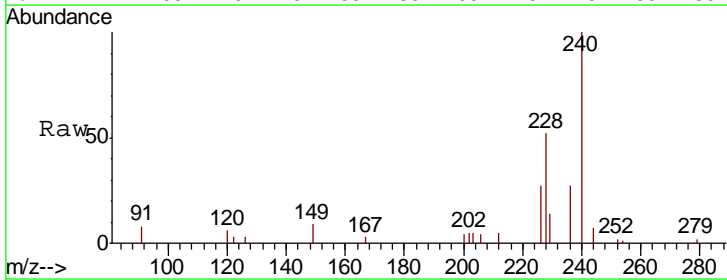
Instrument :  
 BNA\_N  
 ClientSampled :

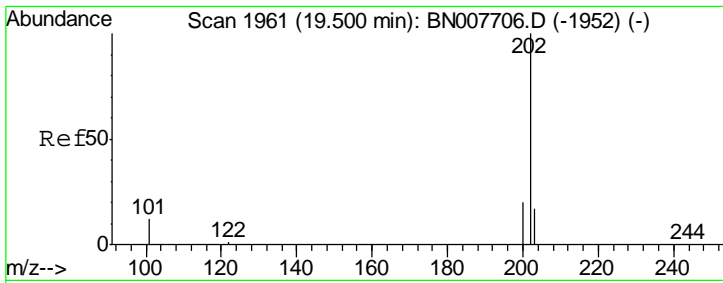
Tgt Ion	Resp	Lower	Upper
202	100		
101	10.3	8.4	12.6
203	17.4	13.8	20.8



#27  
 Chrysene-d12  
 Concen: 0.400 ng  
 RT: 21.26 min Scan# 2181  
 Delta R.T. -0.01 min  
 Lab File: BN007976.D  
 Acq: 02 Oct 2019 21:29

Tgt Ion	Resp	Lower	Upper
240	100		
120	6.3	5.4	8.2
236	26.8	21.0	31.4

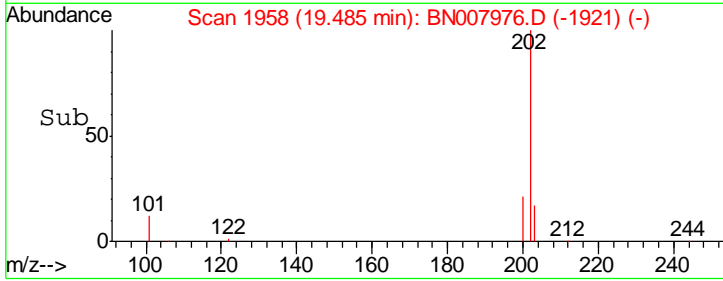
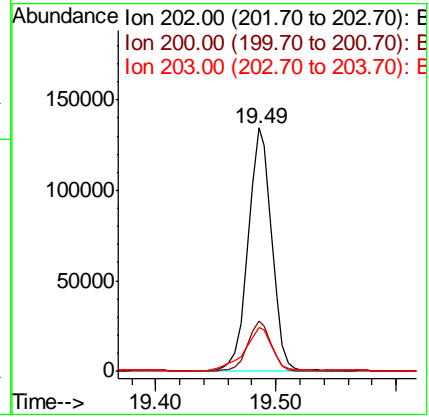
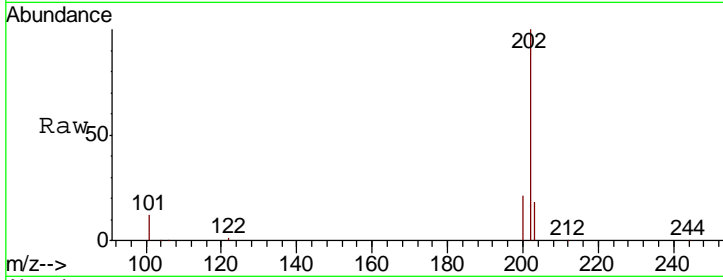




#28  
 Pyrene  
 Concen: 1.644 ng  
 RT: 19.49 min Scan# 1958  
 Delta R.T. -0.01 min  
 Lab File: BN007976.D  
 Acq: 02 Oct 2019 21:29

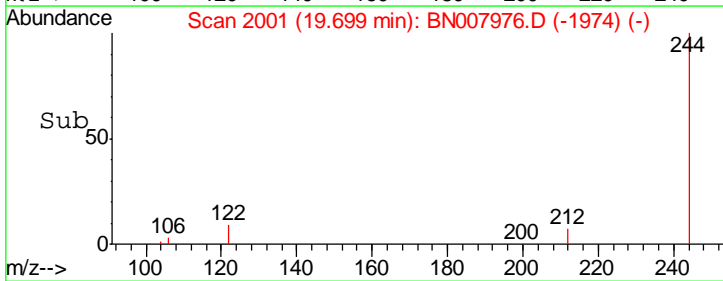
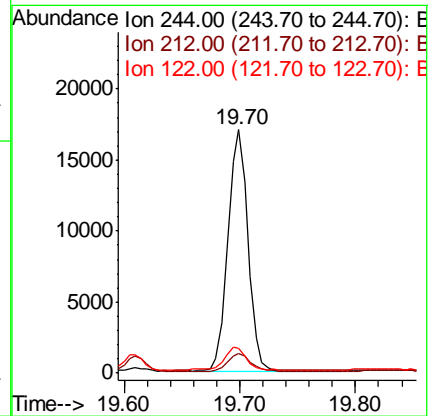
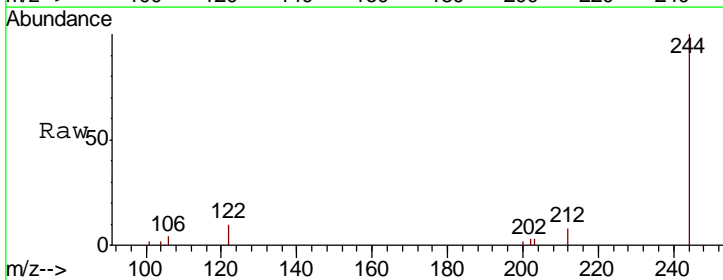
Instrument :  
 BNA\_N  
 ClientSampled :

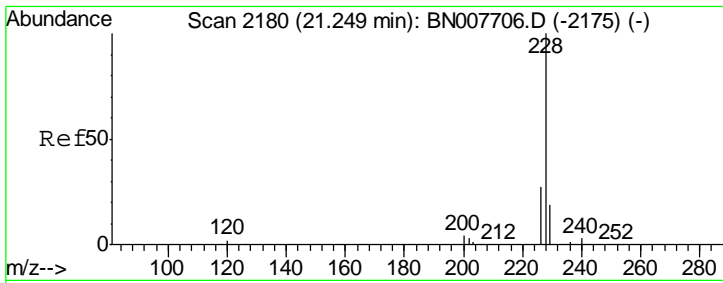
Tgt Ion	Resp	Lower	Upper
202	181843		
200	20.5	16.4	24.6
203	21.0	14.1	21.1



#29  
 Terphenyl-d14  
 Concen: 0.255 ng  
 RT: 19.70 min Scan# 2001  
 Delta R.T. -0.01 min  
 Lab File: BN007976.D  
 Acq: 02 Oct 2019 21:29

Tgt Ion	Resp	Lower	Upper
244	20328		
212	8.0	5.9	8.9
122	10.0	7.4	11.2

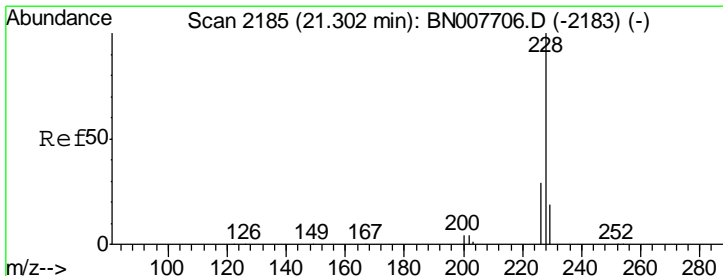
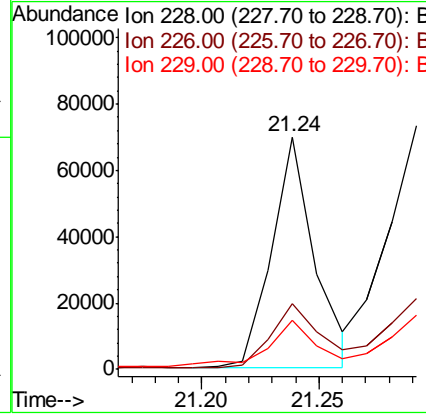
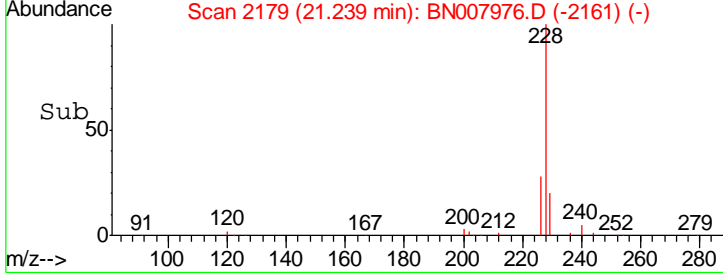
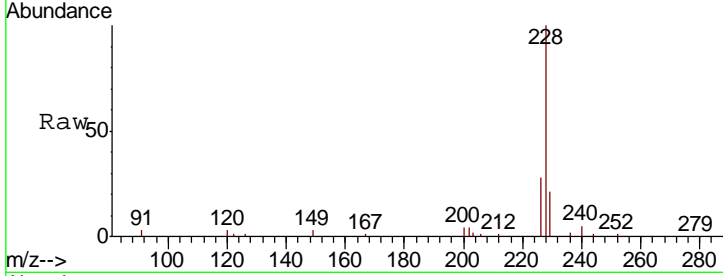




#30  
 Benzo(a)anthracene  
 Concen: 0.744 ng  
 RT: 21.24 min Scan# 2179  
 Delta R.T. -0.01 min  
 Lab File: BN007976.D  
 Acq: 02 Oct 2019 21:29

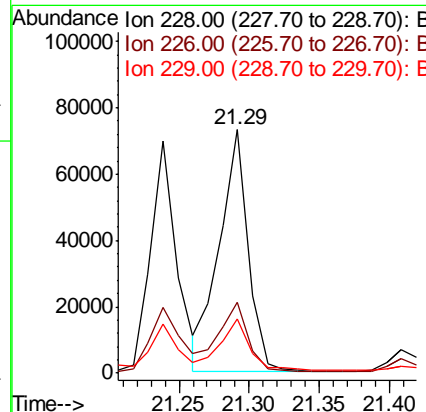
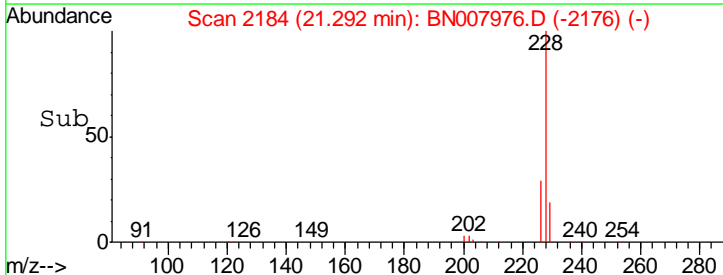
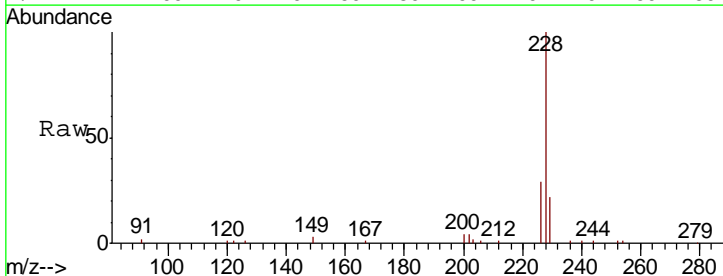
Instrument :  
 BNA\_N  
 ClientSampled :

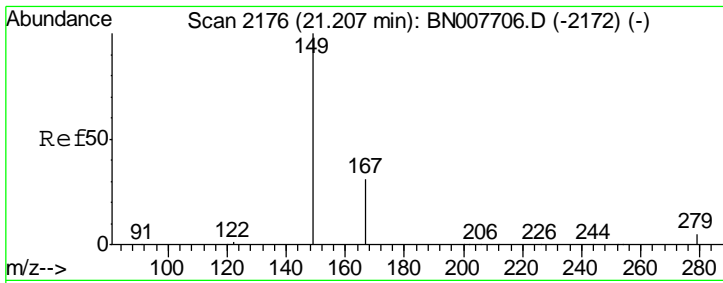
Tgt Ion	Resp	Lower	Upper
228	100		
226	28.5	22.1	33.1
229	21.1	15.8	23.6



#31  
 Chrysene  
 Concen: 0.890 ng  
 RT: 21.29 min Scan# 2184  
 Delta R.T. -0.01 min  
 Lab File: BN007976.D  
 Acq: 02 Oct 2019 21:29

Tgt Ion	Resp	Lower	Upper
228	100		
226	29.0	23.9	35.9
229	22.1	15.8	23.6

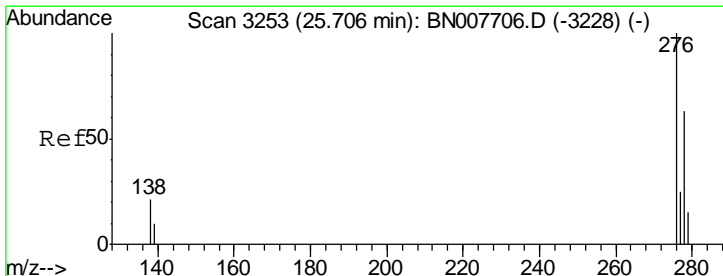
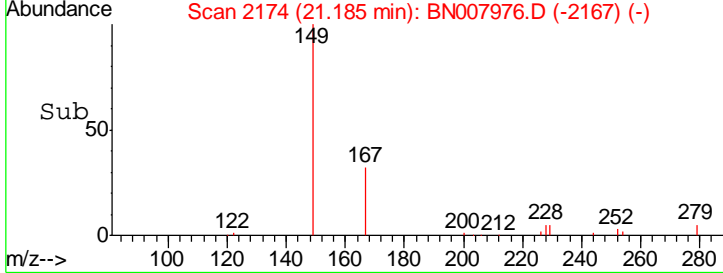
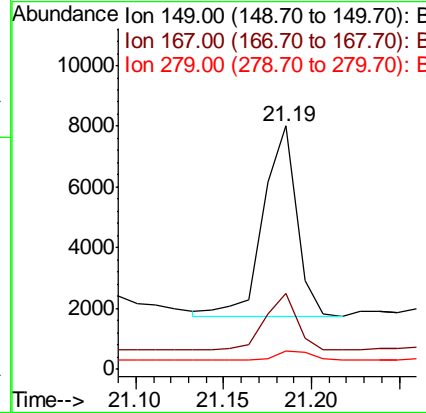
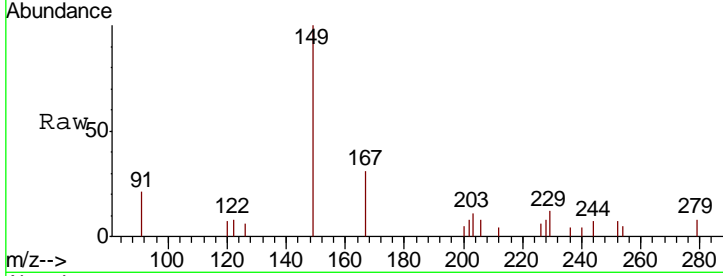




#32  
 Bis(2-ethylhexyl)phthalate  
 Concen: 0.135 ng  
 RT: 21.19 min Scan# 2174  
 Delta R.T. -0.02 min  
 Lab File: BN007976.D  
 Acq: 02 Oct 2019 21:29

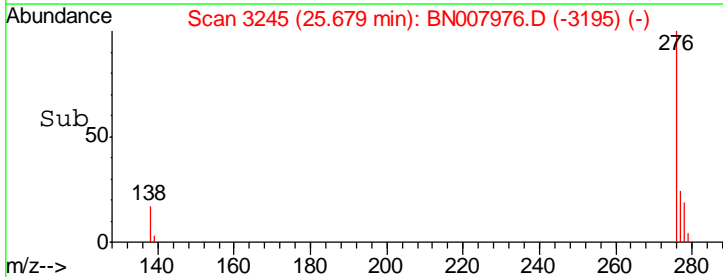
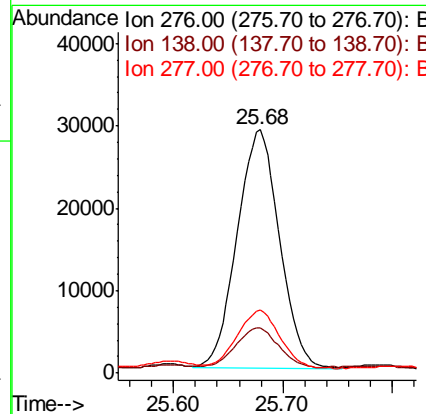
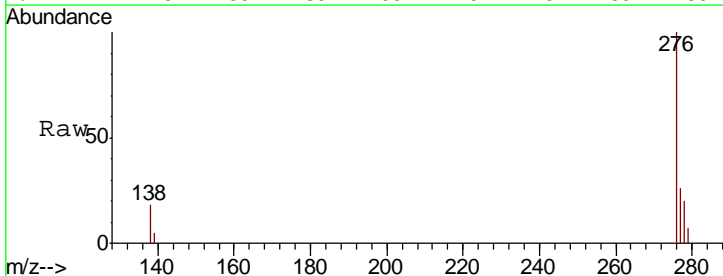
Instrument :  
 BNA\_N  
 ClientSampled :

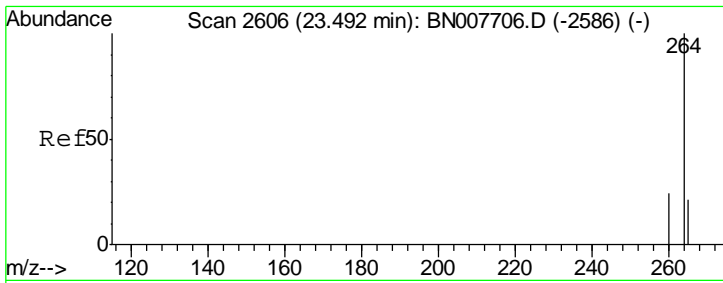
Tgt Ion	Resp	Lower	Upper
149	8277		
167	28.5	23.7	35.5
279	6.0	4.2	6.2



#33  
 Indeno(1,2,3-cd)pyrene  
 Concen: 0.538 ng  
 RT: 25.68 min Scan# 3245  
 Delta R.T. -0.03 min  
 Lab File: BN007976.D  
 Acq: 02 Oct 2019 21:29

Tgt Ion	Resp	Lower	Upper
276	78376		
138	16.4	17.1	25.7#
277	24.4	20.0	30.0

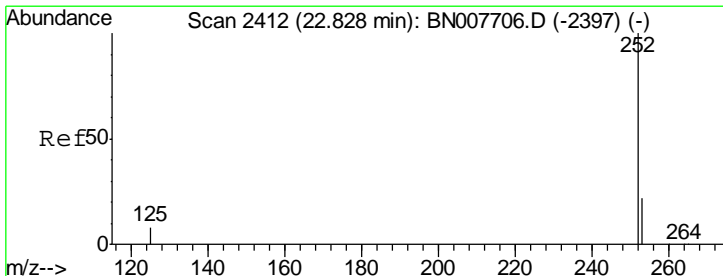
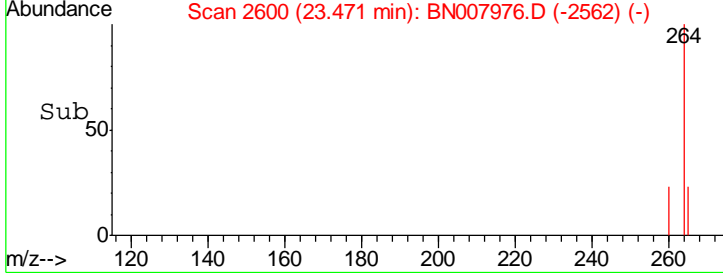
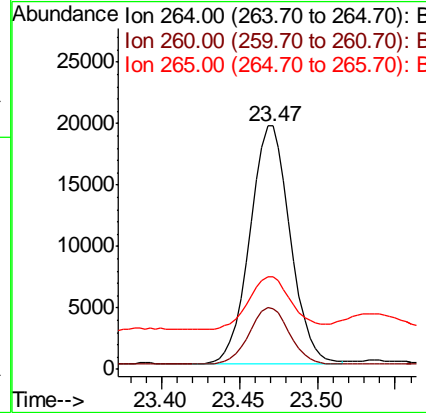
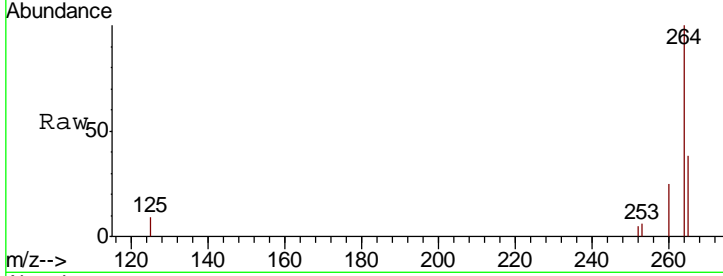




#34  
 Perylene-d12  
 Concen: 0.400 ng  
 RT: 23.47 min Scan# 2600  
 Delta R.T. -0.02 min  
 Lab File: BN007976.D  
 Acq: 02 Oct 2019 21:29

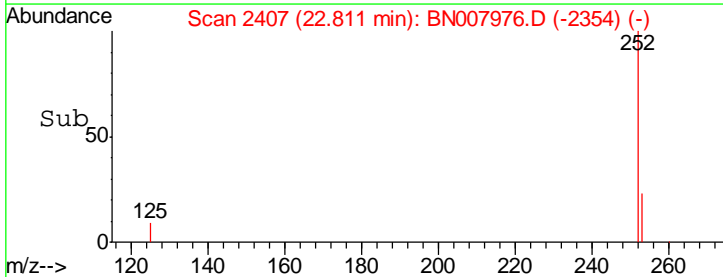
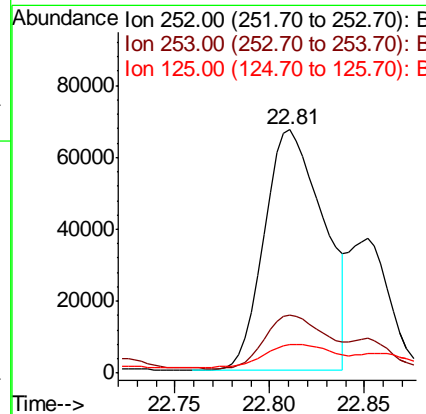
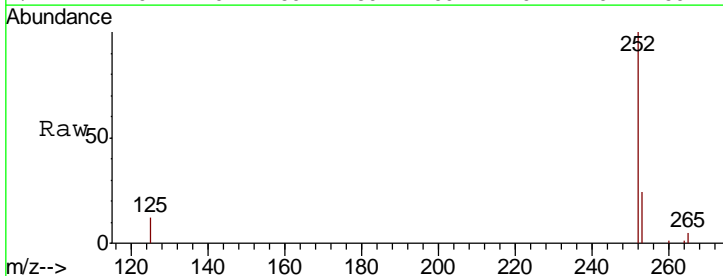
Instrument :  
 BNA\_N  
 ClientSampled :

Tgt Ion	Resp	Lower	Upper
264	100		
260	25.1	19.3	28.9
265	38.0	26.9	40.3

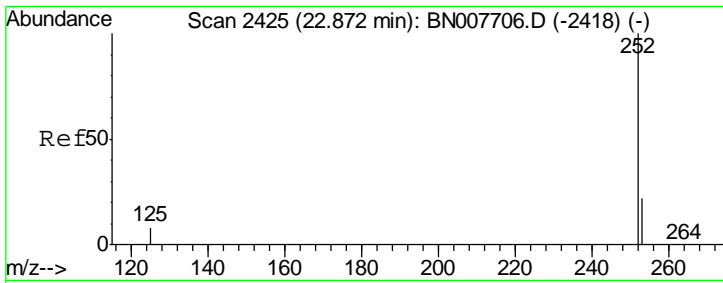


#35  
 Benzo(b)fluoranthene  
 Concen: 1.202 ng  
 RT: 22.81 min Scan# 2407  
 Delta R.T. -0.02 min  
 Lab File: BN007976.D  
 Acq: 02 Oct 2019 21:29

Tgt Ion	Resp	Lower	Upper
252	100		
253	24.0	18.3	27.5
125	11.5	8.2	12.4



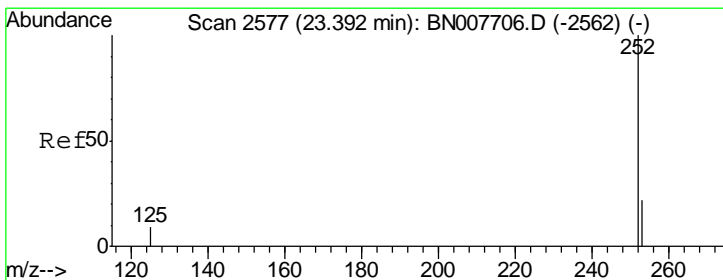
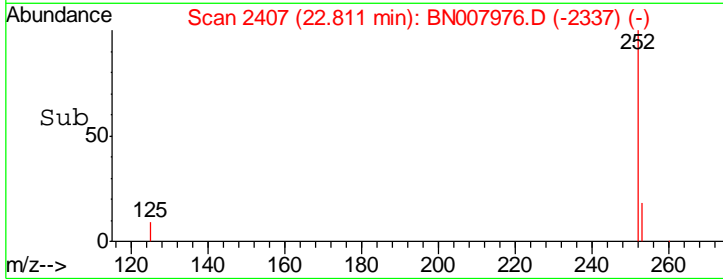
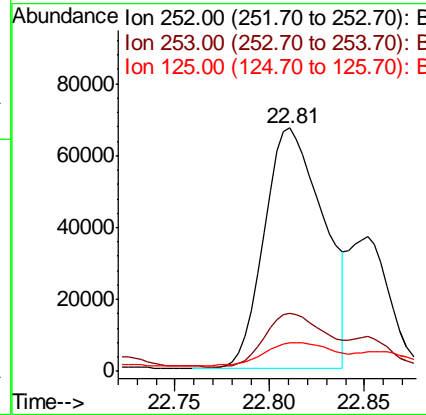
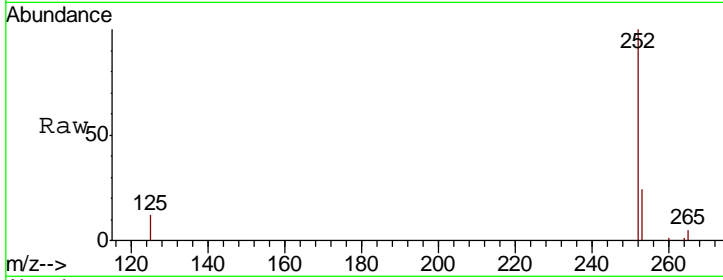




#36  
 Benzo(k)fluoranthene  
 Concen: 1.216 ng  
 RT: 22.81 min Scan# 2407  
 Delta R.T. -0.06 min  
 Lab File: BN007976.D  
 Acq: 02 Oct 2019 21:29

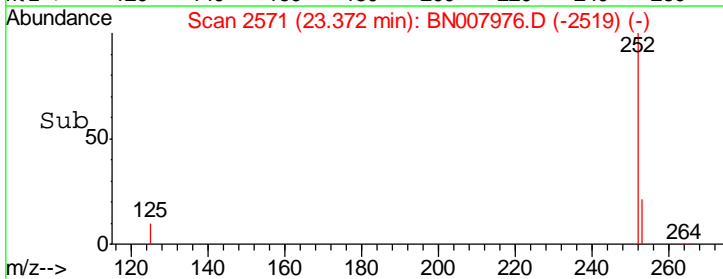
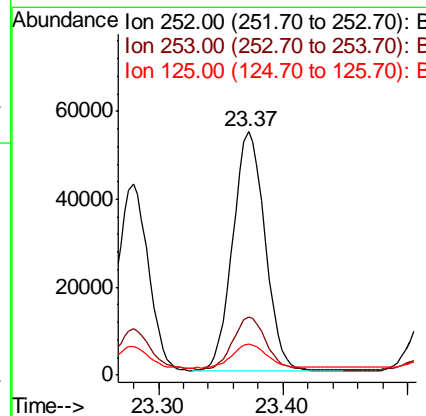
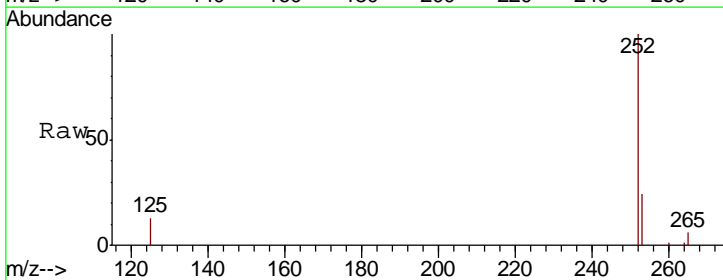
Instrument :  
 BNA\_N  
 ClientSampled :

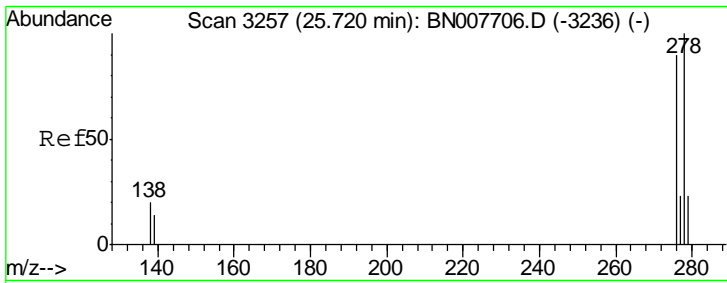
Tgt Ion	Resp	Lower	Upper
252	145693		
253	24.0	18.5	27.7
125	11.5	8.4	12.6



#37  
 Benzo(a)pyrene  
 Concen: 0.860 ng  
 RT: 23.37 min Scan# 2571  
 Delta R.T. -0.02 min  
 Lab File: BN007976.D  
 Acq: 02 Oct 2019 21:29

Tgt Ion	Resp	Lower	Upper
252	97935		
253	23.8	18.6	27.8
125	12.5	9.4	14.0

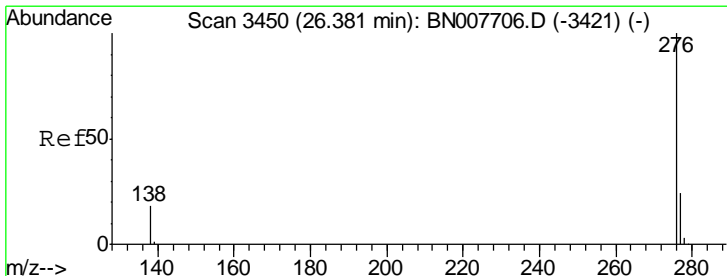
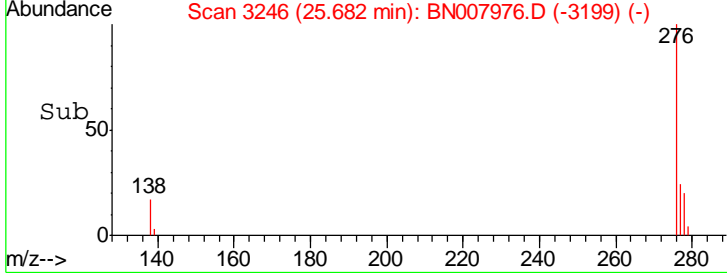
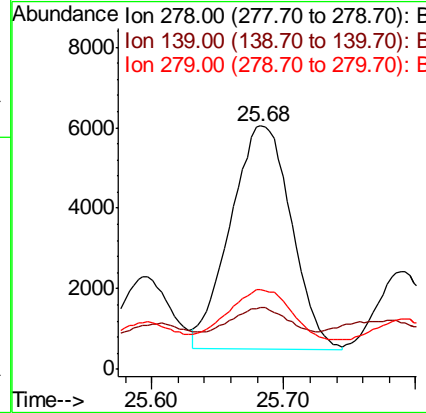
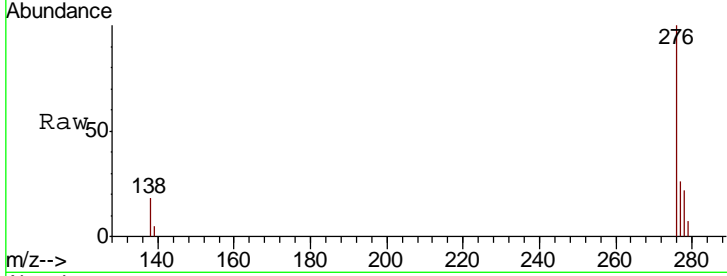




#38  
 Dibenzo(a,h)anthracene  
 Concen: 0.153 ng  
 RT: 25.68 min Scan# 3246  
 Delta R.T. -0.04 min  
 Lab File: BN007976.D  
 Acq: 02 Oct 2019 21:29

Instrument :  
 BNA\_N  
 ClientSampled :

Tgt Ion	Resp	Lower	Upper
278	17799		
139	25.4	11.8	17.6#
279	32.6	19.4	29.2#



#39  
 Benzo(g,h,i)perylene  
 Concen: 0.673 ng  
 RT: 26.35 min Scan# 3441  
 Delta R.T. -0.03 min  
 Lab File: BN007976.D  
 Acq: 02 Oct 2019 21:29

Tgt Ion	Resp	Lower	Upper
276	77628		
277	25.4	19.8	29.8
138	19.2	15.1	22.7

