

Data Path : Z:\svoasrv\HPCHEM1\BNA\_N\Data\BN092021\  
 Data File : BN016363.D  
 Acq On : 21 Sep 2021 03:46  
 Operator : CG/JU  
 Sample : M3729-10  
 Misc :  
 ALS Vial : 26 Sample Multiplier: 1

Instrument :  
 BNA\_N  
 ClientSampleId :  
 BP-TT-VPB-RW7-GW-790-792

Quant Time: Sep 21 04:41:06 2021  
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA\_N\METHODS\8270-SIM-BN091721.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Mon Sep 20 11:09:23 2021  
 Response via : Initial Calibration

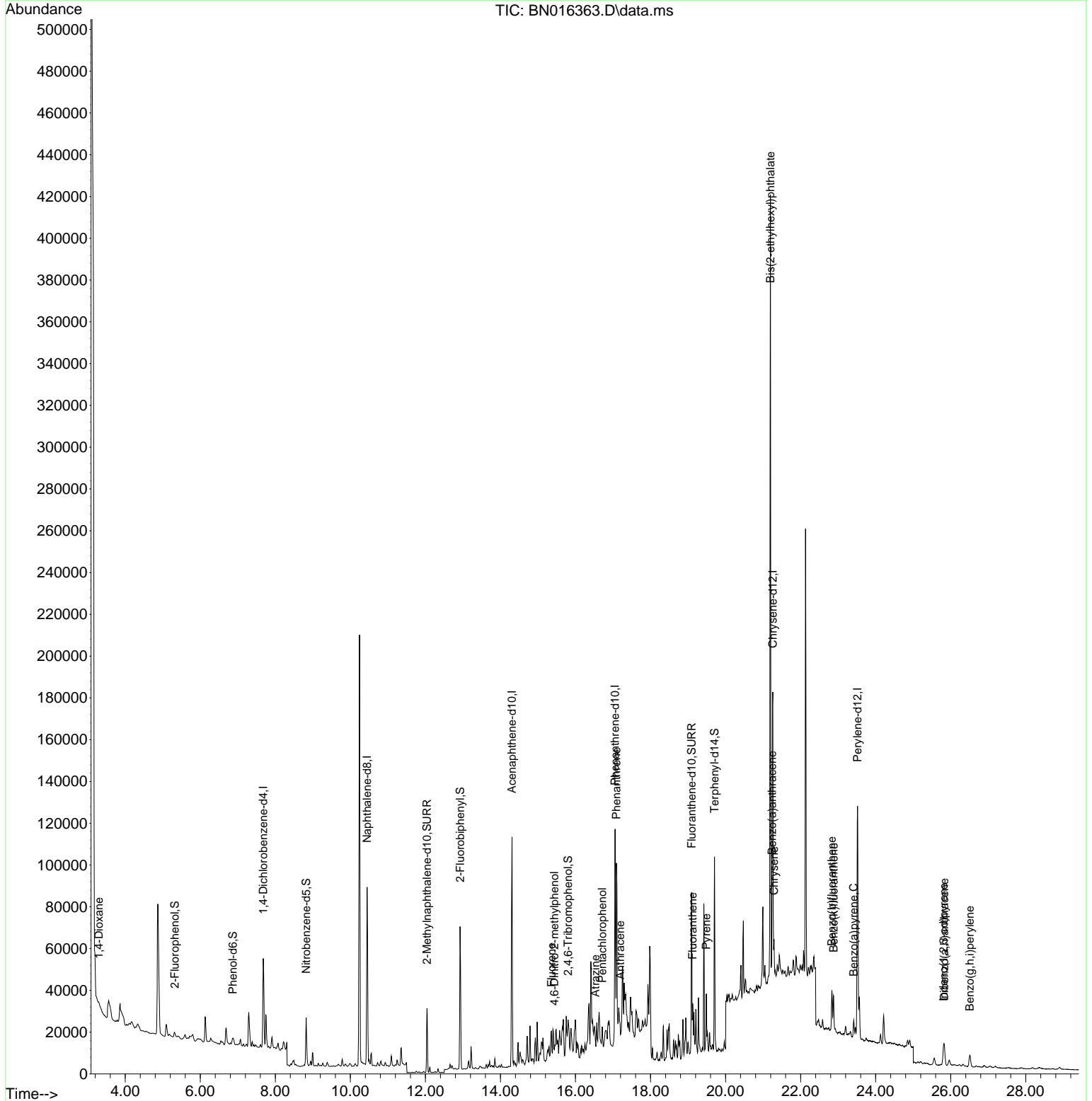
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.679	152	25295	0.400	ng	0.00
7) Naphthalene-d8	10.445	136	113786	0.400	ng	#-0.01
13) Acenaphthene-d10	14.307	164	63398	0.400	ng	0.00
19) Phenanthrene-d10	17.054	188	129536	0.400	ng	0.00
29) Chrysene-d12	21.259	240	139378	0.400	ng	# 0.00
35) Perylene-d12	23.515	264	142673	0.400	ng	0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.319	112	3601	0.057	ng	0.00
5) Phenol-d6	6.868	99	2780	0.036	ng	0.00
8) Nitrobenzene-d5	8.823	82	16796	0.248	ng	0.00
11) 2-Methylnaphthalene-d10	12.043	152	40340	0.225	ng	0.00
14) 2,4,6-Tribromophenol	15.804	330	3246	0.174	ng	0.00
15) 2-Fluorobiphenyl	12.924	172	57475	0.232	ng	-0.01
27) Fluoranthene-d10	19.093	212	89089	0.238	ng	0.00
31) Terphenyl-d14	19.703	244	91513	0.283	ng	0.00
Target Compounds						
2) 1,4-Dioxane	3.300	88	287	0.027	ng	# 83
18) Fluorene	15.360	166	6436	0.028	ng	# 88
20) 4,6-Dinitro-2-methylph...	15.436	198	97	0.161	ng	# 1
23) Atrazine	16.531	200	1809	0.026	ng	# 41
24) Pentachlorophenol	16.713	266	527	0.022	ng	94
25) Phenanthrene	17.091	178	100167	0.274	ng	# 93
26) Anthracene	17.188	178	9112	0.026	ng	# 82
28) Fluoranthene	19.123	202	21735	0.052	ng	97
30) Pyrene	19.485	202	30947	0.070	ng	99
32) Benzo(a)anthracene	21.238	228	13158	0.029	ng	# 78
33) Chrysene	21.291	228	14059	0.032	ng	# 82
34) Bis(2-ethylhexyl)phtha...	21.196	149	349709	1.448	ng	99
36) Indeno(1,2,3-cd)pyrene	25.809	276	13614	0.030	ng	# 95
37) Benzo(b)fluoranthene	22.834	252	23818	0.053	ng	# 12
38) Benzo(k)fluoranthene	22.879	252	14381	0.033	ng	# 1
39) Benzo(a)pyrene	23.416	252	11824	0.029	ng	# 1
40) Dibenzo(a,h)anthracene	25.829	278	10172	0.026	ng	# 38
41) Benzo(g,h,i)perylene	26.510	276	11718	0.030	ng	# 79

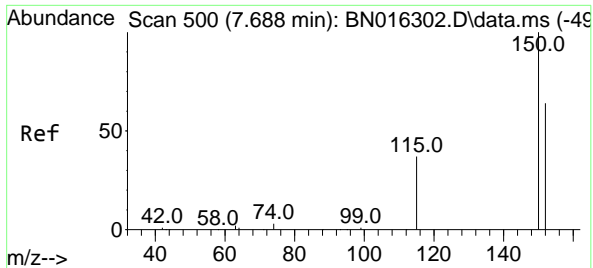
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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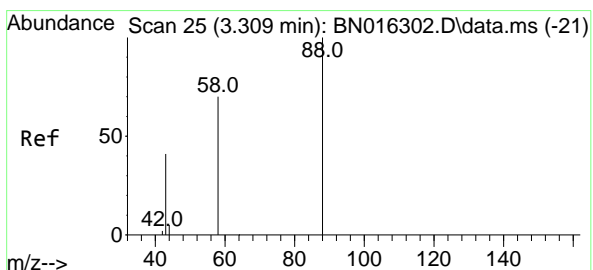
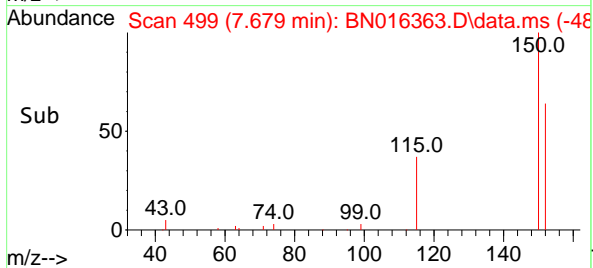
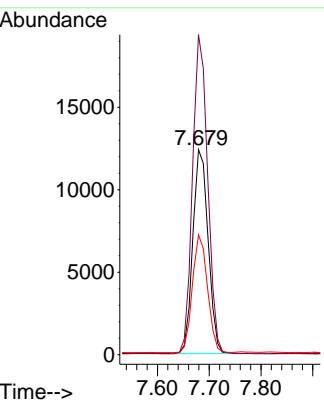
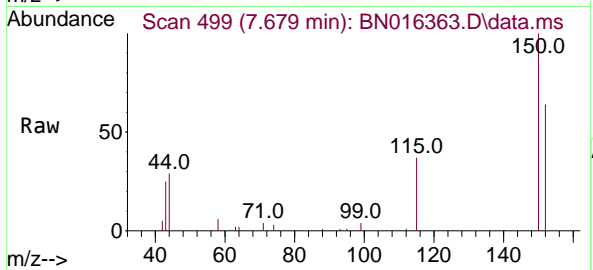




#1  
 1,4-Dichlorobenzene-d4  
 Concen: 0.400 ng  
 RT: 7.679 min Scan# 499  
 Delta R.T. -0.009 min  
 Lab File: BN016363.D  
 Acq: 21 Sep 2021 03:46

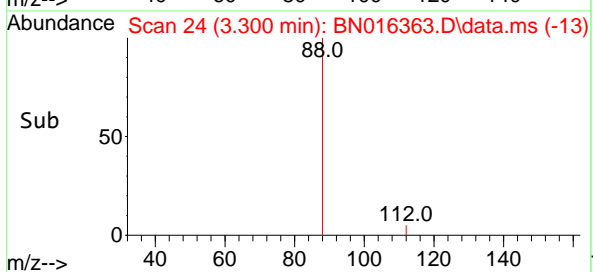
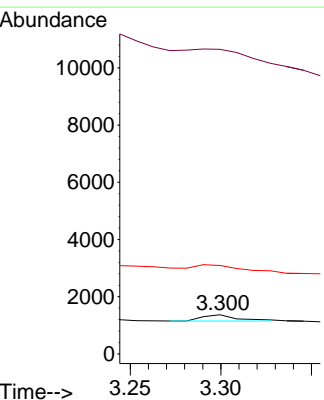
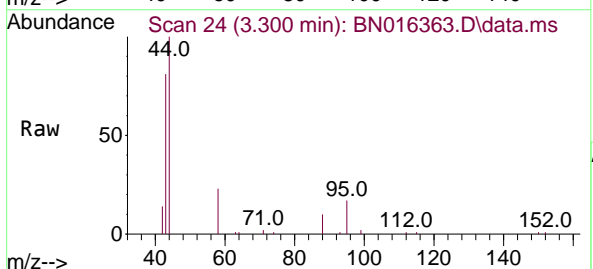
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**Client Sampled :**  
 BP-TT-VPB-RW7-GW-790-792

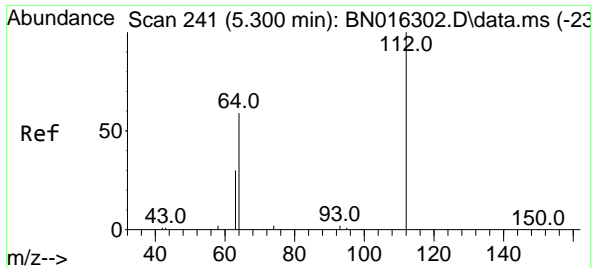
Tgt Ion: 152 Resp: 25295  
 Ion Ratio Lower Upper  
 152 100  
 150 156.0 125.6 188.4  
 115 58.4 50.2 75.2



#2  
 1,4-Dioxane  
 Concen: 0.027 ng  
 RT: 3.300 min Scan# 24  
 Delta R.T. 0.000 min  
 Lab File: BN016363.D  
 Acq: 21 Sep 2021 03:46

Tgt Ion: 88 Resp: 287  
 Ion Ratio Lower Upper  
 88 100  
 43 0.0 20.3 30.5#  
 58 94.8 69.9 104.9

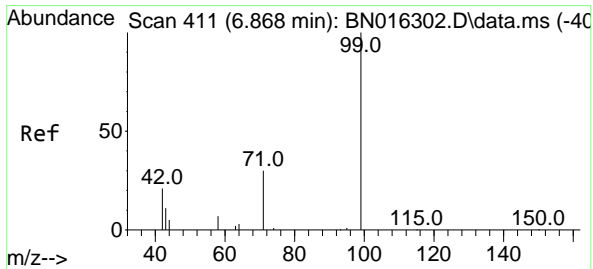
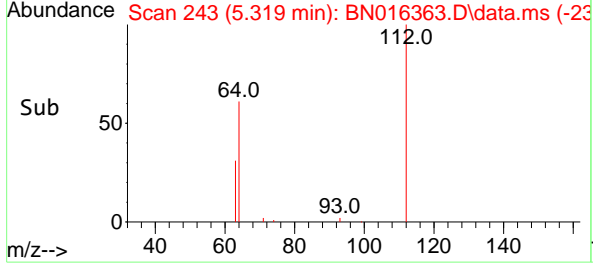
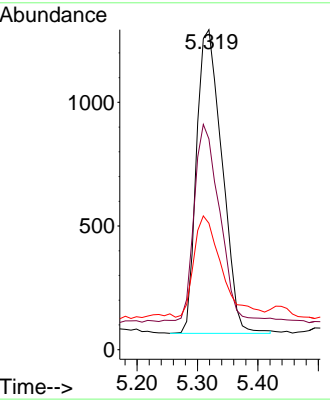
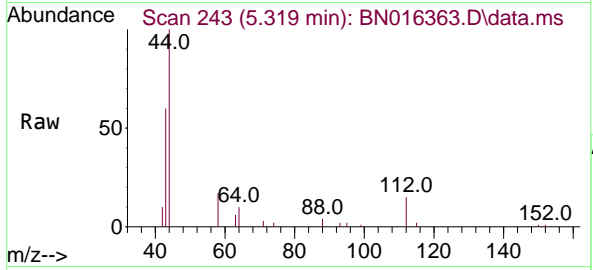




#4  
 2-Fluorophenol  
 Concen: 0.057 ng  
 RT: 5.319 min Scan# 243  
 Delta R.T. 0.010 min  
 Lab File: BN016363.D  
 Acq: 21 Sep 2021 03:46

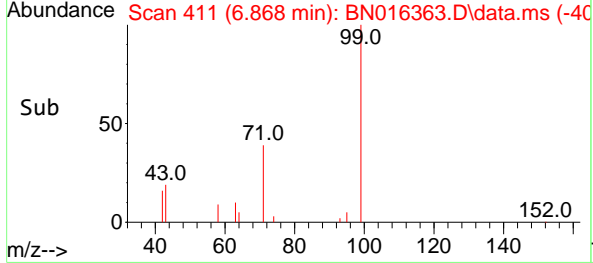
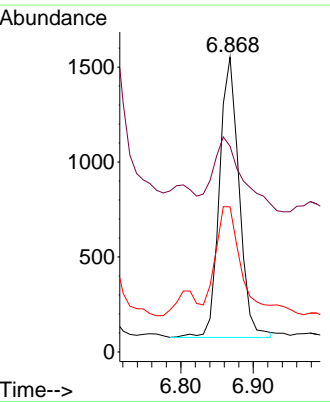
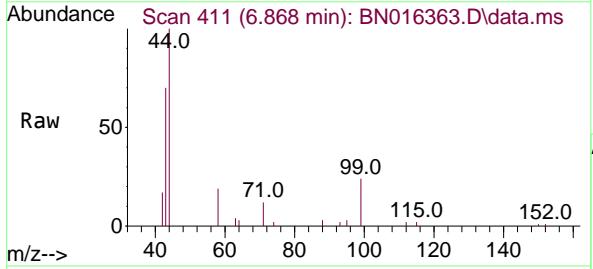
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**ClientSampled :**  
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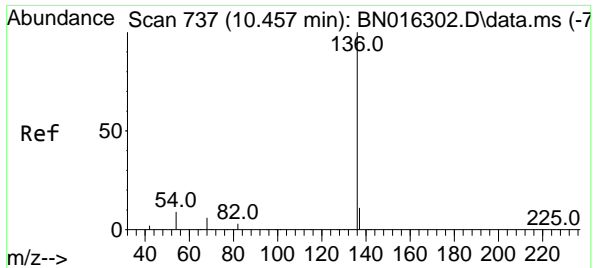
Tgt Ion	Resp	Lower	Upper
112	3601		
112	100		
64	64.6	47.3	70.9
63	36.5	23.4	35.0#



#5  
 Phenol-d6  
 Concen: 0.036 ng  
 RT: 6.868 min Scan# 411  
 Delta R.T. 0.000 min  
 Lab File: BN016363.D  
 Acq: 21 Sep 2021 03:46

Tgt Ion	Resp	Lower	Upper
99	2780		
99	100		
42	31.1	14.0	21.0#
71	42.3	23.8	35.6#

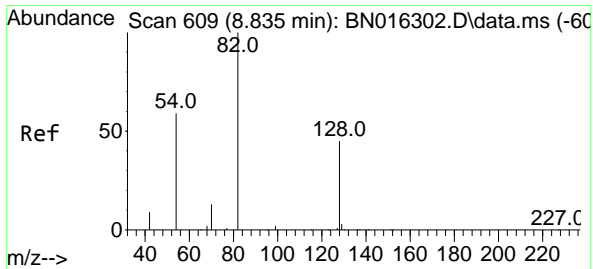
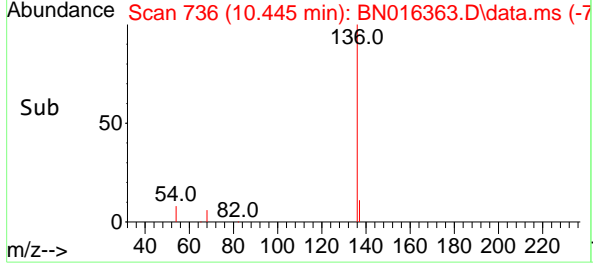
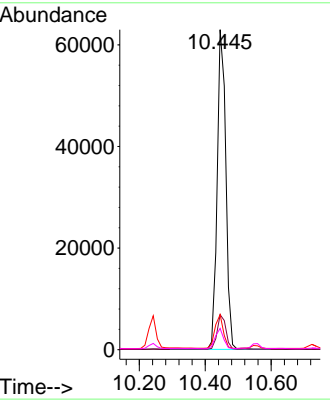
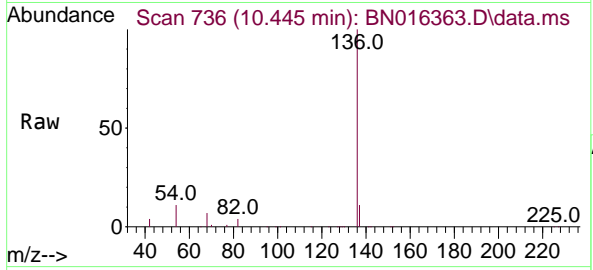




#7  
 Naphthalene-d8  
 Concen: 0.400 ng  
 RT: 10.445 min Scan# 736  
 Delta R.T. -0.012 min  
 Lab File: BN016363.D  
 Acq: 21 Sep 2021 03:46

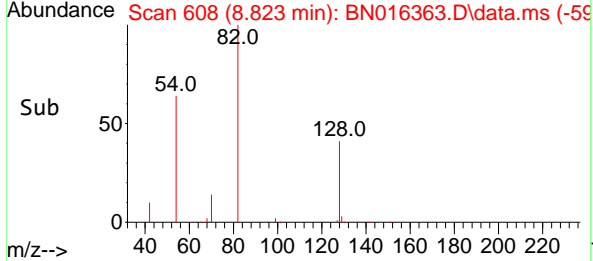
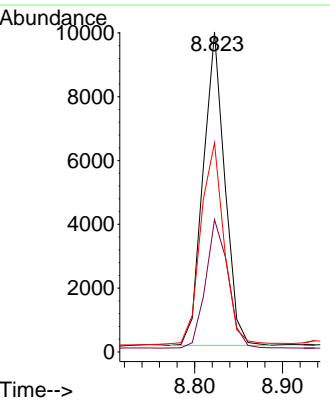
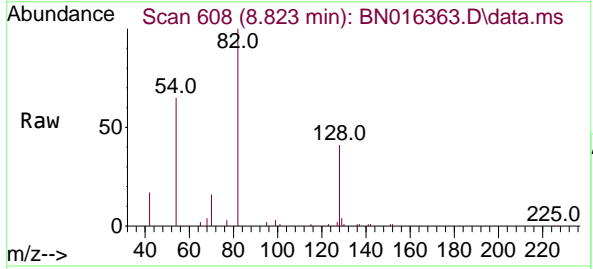
**Instrument :**  
 BNA\_N  
**ClientSampleId :**  
 BP-TT-VPB-RW7-GW-790-792

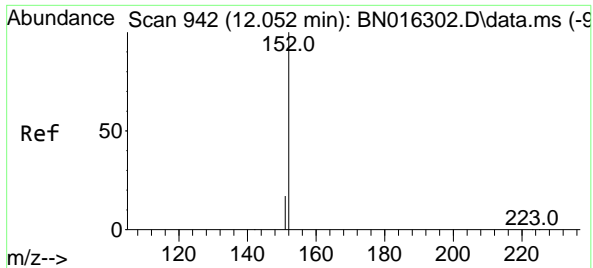
Tgt Ion	Resp	Lower	Upper
136	113786		
136	100		
137	10.9	8.8	13.2
54	11.0	5.3	7.9#
68	6.6	3.9	5.9#



#8  
 Nitrobenzene-d5  
 Concen: 0.248 ng  
 RT: 8.823 min Scan# 608  
 Delta R.T. 0.000 min  
 Lab File: BN016363.D  
 Acq: 21 Sep 2021 03:46

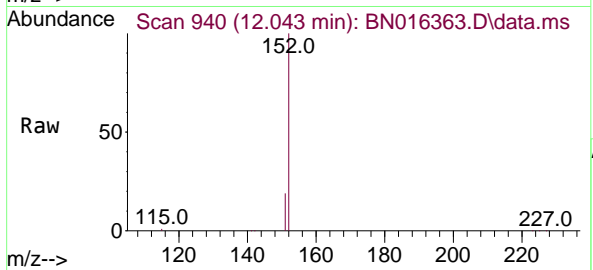
Tgt Ion	Resp	Lower	Upper
82	16796		
82	100		
128	41.4	31.7	47.5
54	65.4	46.4	69.6



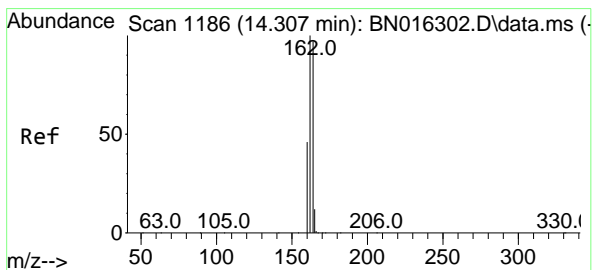
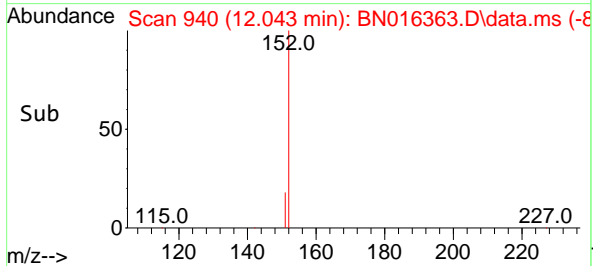
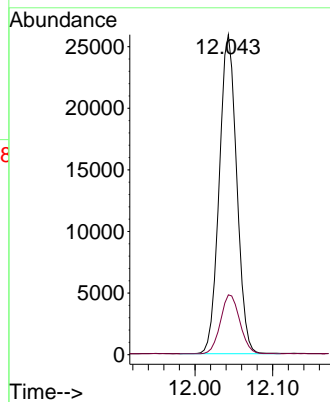


#11  
 2-Methylnaphthalene-d10  
 Concen: 0.225 ng  
 RT: 12.043 min Scan# 940  
 Delta R.T. -0.004 min  
 Lab File: BN016363.D  
 Acq: 21 Sep 2021 03:46

**Instrument :**  
 BNA\_N  
**ClientSampled :**  
 BP-TT-VPB-RW7-GW-790-792

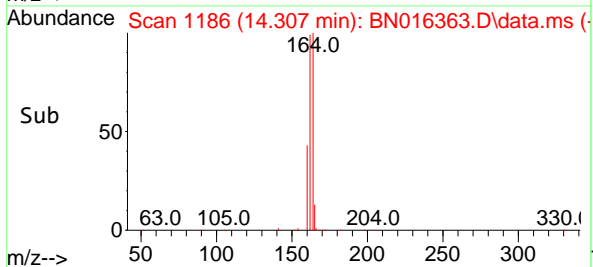
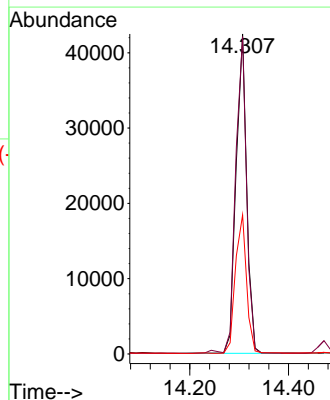
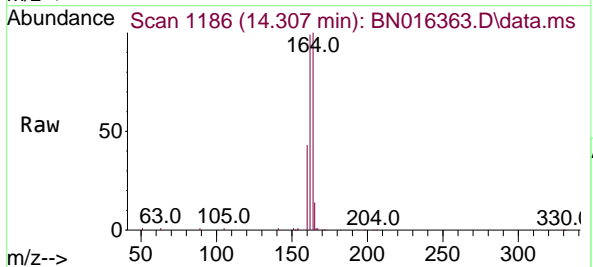


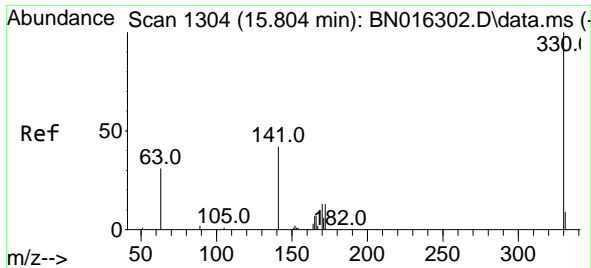
Tgt Ion:152 Resp: 40340  
 Ion Ratio Lower Upper  
 152 100  
 151 20.5 16.1 24.1



#13  
 Acenaphthene-d10  
 Concen: 0.400 ng  
 RT: 14.307 min Scan# 1186  
 Delta R.T. 0.000 min  
 Lab File: BN016363.D  
 Acq: 21 Sep 2021 03:46

Tgt Ion:164 Resp: 63398  
 Ion Ratio Lower Upper  
 164 100  
 162 99.1 79.0 118.4  
 160 43.5 34.1 51.1

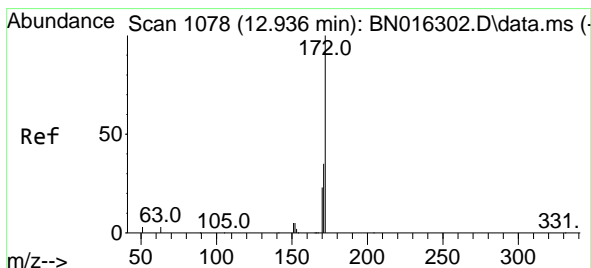
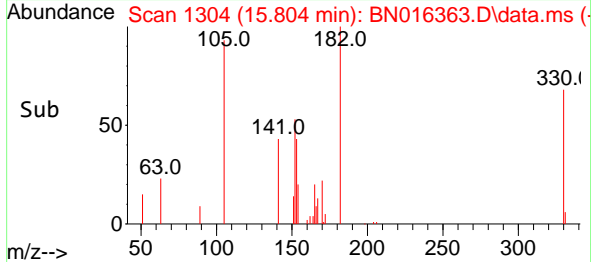
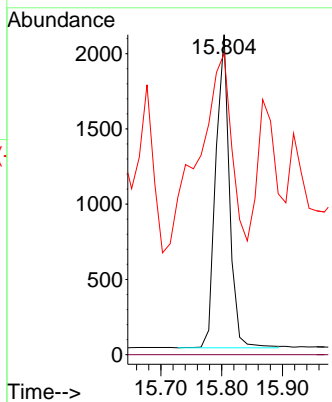
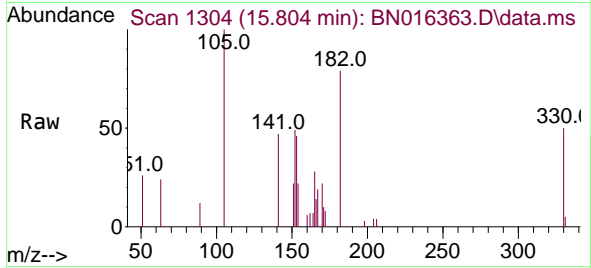




#14  
 2,4,6-Tribromophenol  
 Concen: 0.174 ng  
 RT: 15.804 min Scan# 1304  
 Delta R.T. 0.000 min  
 Lab File: BN016363.D  
 Acq: 21 Sep 2021 03:46

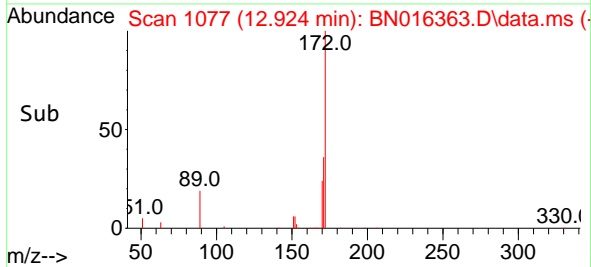
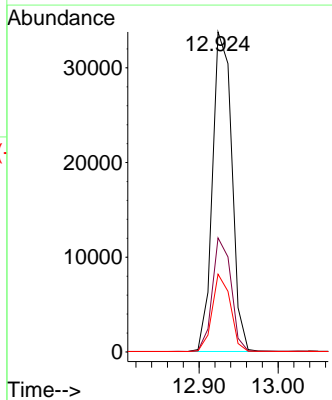
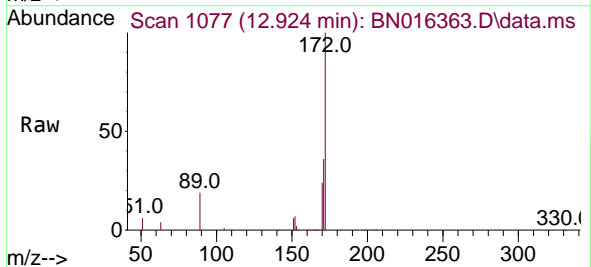
**Instrument :**  
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**ClientSampleId :**  
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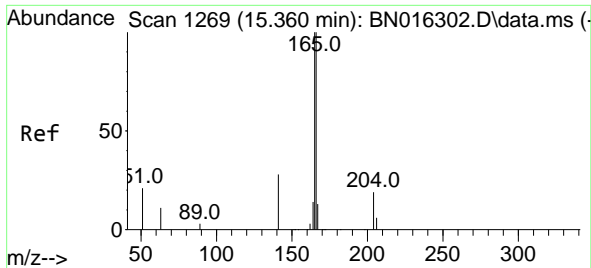
Tgt Ion: 330 Resp: 3246  
 Ion Ratio Lower Upper  
 330 100  
 332 0.0 0.0 0.0  
 141 127.6 25.0 37.4#



#15  
 2-Fluorobiphenyl  
 Concen: 0.232 ng  
 RT: 12.924 min Scan# 1077  
 Delta R.T. -0.012 min  
 Lab File: BN016363.D  
 Acq: 21 Sep 2021 03:46

Tgt Ion: 172 Resp: 57475  
 Ion Ratio Lower Upper  
 172 100  
 171 35.7 27.8 41.6  
 170 24.3 18.2 27.2

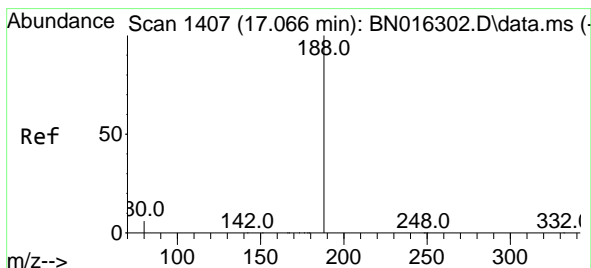
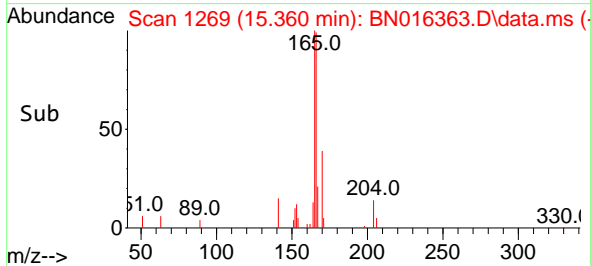
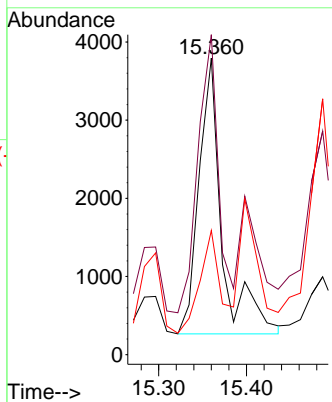
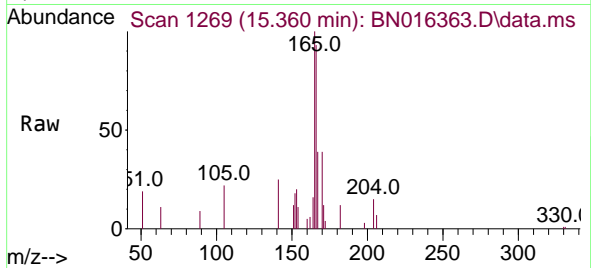




#18  
 Fluorene  
 Concen: 0.028 ng  
 RT: 15.360 min Scan# 1269  
 Delta R.T. 0.000 min  
 Lab File: BN016363.D  
 Acq: 21 Sep 2021 03:46

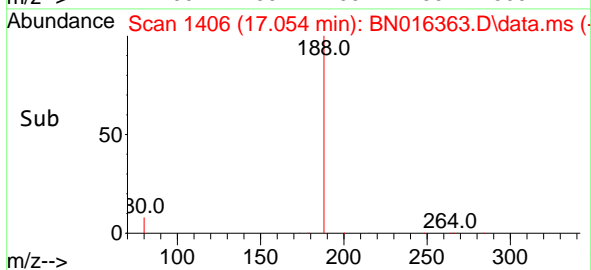
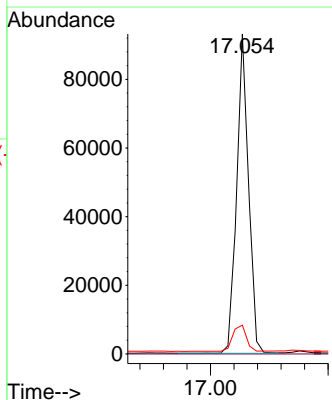
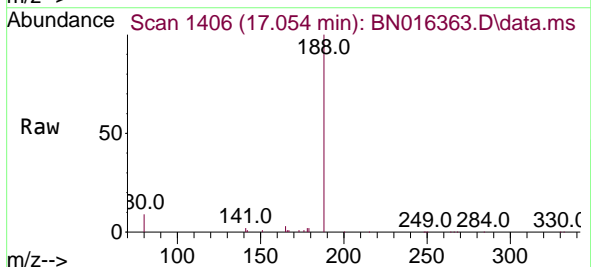
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Tgt Ion	Resp	Lower	Upper
166	6436		
165	100	76.7	115.1
167	89.9	10.9	16.3#

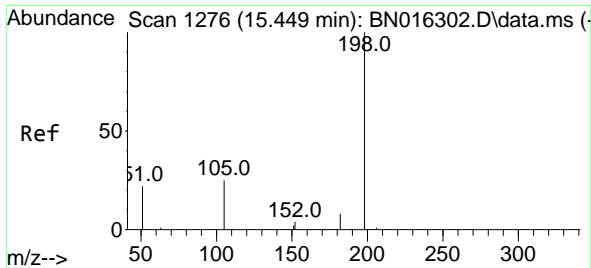


#19  
 Phenanthrene-d10  
 Concen: 0.400 ng  
 RT: 17.054 min Scan# 1406  
 Delta R.T. 0.000 min  
 Lab File: BN016363.D  
 Acq: 21 Sep 2021 03:46

Tgt Ion	Resp	Lower	Upper
188	129536		
94	100	0.0	0.0
80	9.0	7.0	10.6



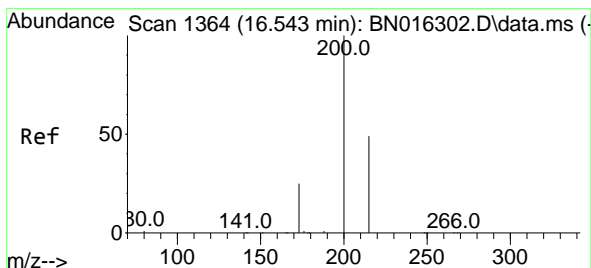
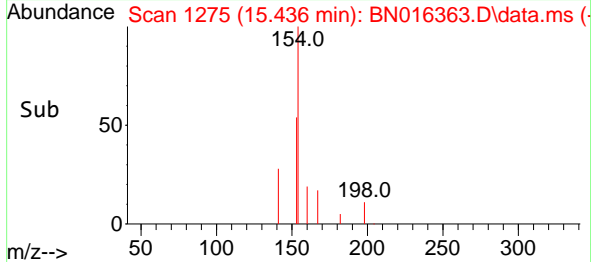
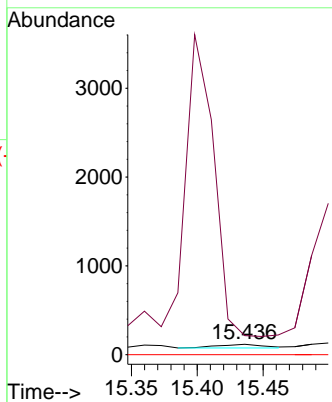
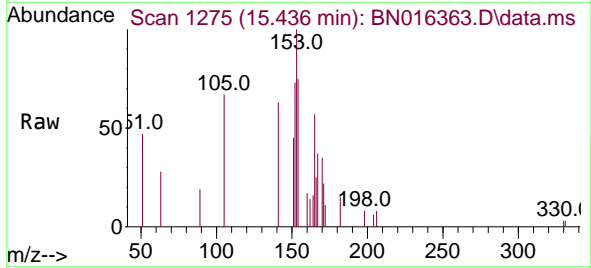




#20  
 4,6-Dinitro-2-methylphenol  
 Concen: 0.161 ng  
 RT: 15.436 min Scan# 1275  
 Delta R.T. 0.000 min  
 Lab File: BN016363.D  
 Acq: 21 Sep 2021 03:46

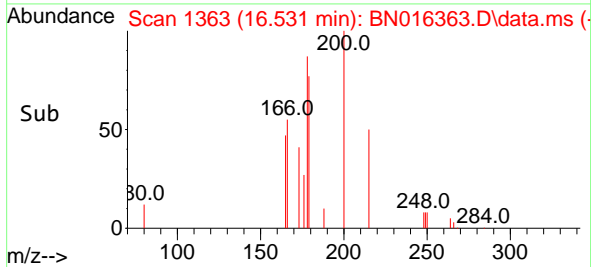
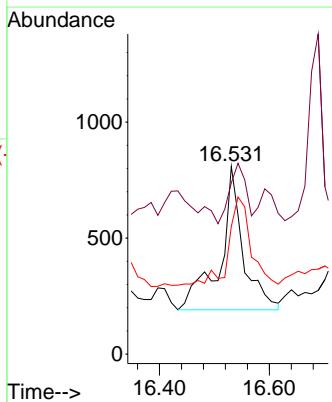
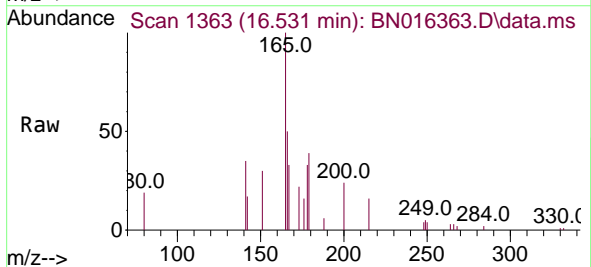
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**ClientSampled :**  
 BP-TT-VPB-RW7-GW-790-792

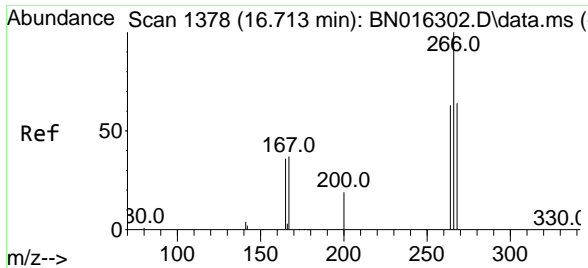
Tgt Ion	Resp	Lower	Upper
198	100		
182	183.8	26.6	39.8#
77	0.0	0.0	0.0



#23  
 Atrazine  
 Concen: 0.026 ng  
 RT: 16.531 min Scan# 1363  
 Delta R.T. -0.012 min  
 Lab File: BN016363.D  
 Acq: 21 Sep 2021 03:46

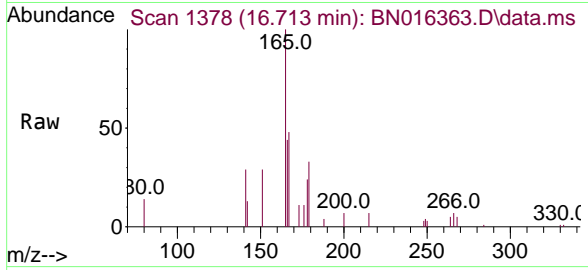
Tgt Ion	Resp	Lower	Upper
200	100		
173	91.2	18.7	28.1#
215	68.0	41.6	62.4#





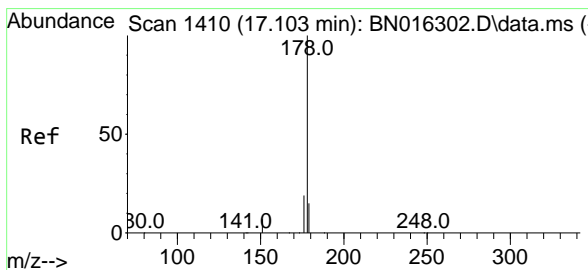
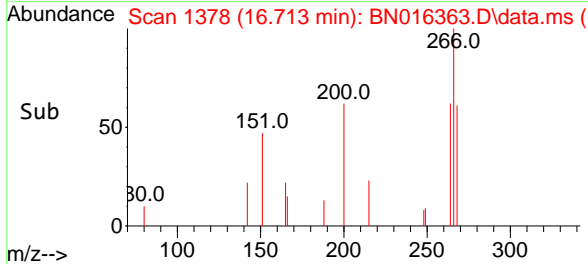
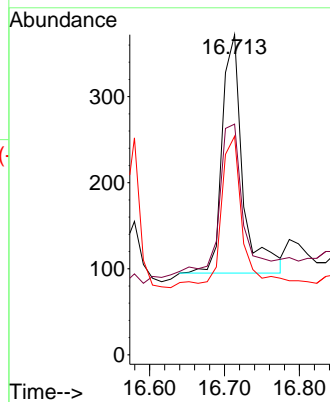
#24  
 Pentachlorophenol  
 Concen: 0.022 ng  
 RT: 16.713 min Scan# 1378  
 Delta R.T. 0.000 min  
 Lab File: BN016363.D  
 Acq: 21 Sep 2021 03:46

**Instrument :**  
 BNA\_N  
**ClientSampled :**  
 BP-TT-VPB-RW7-GW-790-792



Tgt Ion: 266 Resp: 527

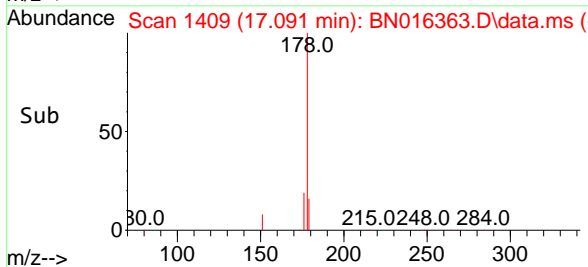
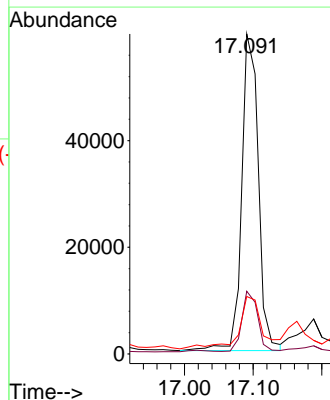
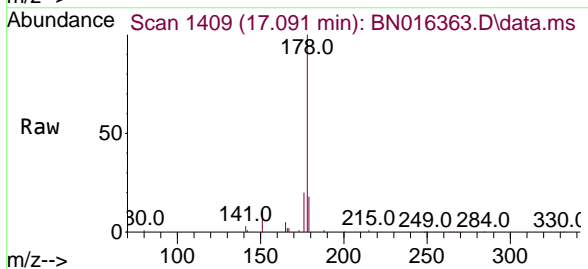
Ion	Ratio	Lower	Upper
266	100		
264	67.0	50.6	75.8
268	60.2	52.6	79.0

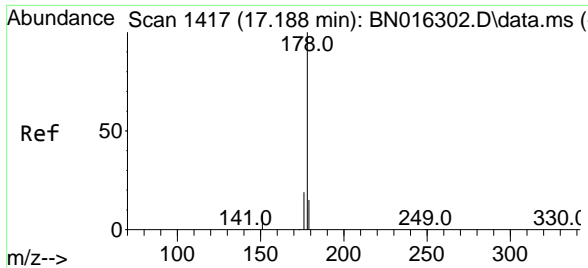


#25  
 Phenanthrene  
 Concen: 0.274 ng  
 RT: 17.091 min Scan# 1409  
 Delta R.T. -0.012 min  
 Lab File: BN016363.D  
 Acq: 21 Sep 2021 03:46

Tgt Ion: 178 Resp: 100167

Ion	Ratio	Lower	Upper
178	100		
176	18.0	14.4	21.6
179	21.5	12.2	18.4



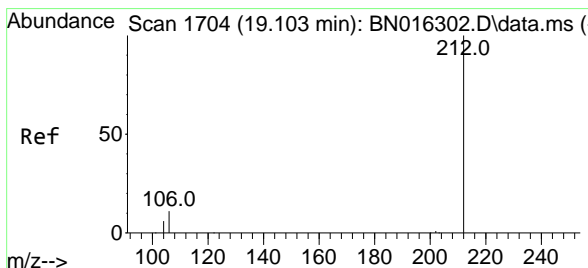
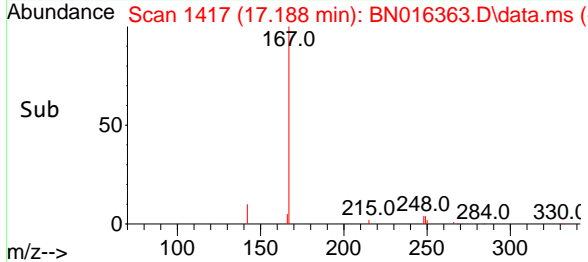
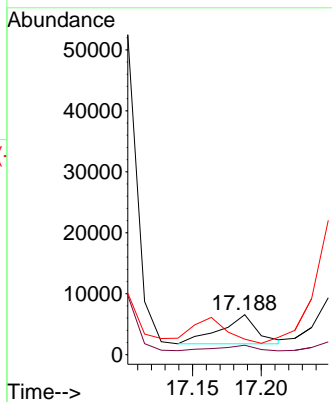
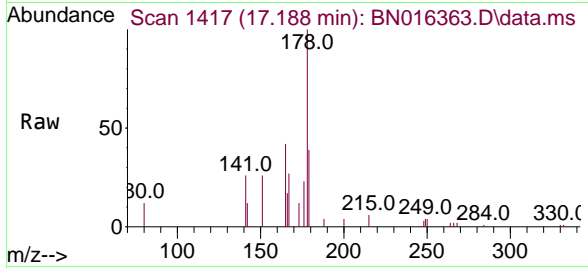


#26  
 Anthracene  
 Concen: 0.026 ng  
 RT: 17.188 min Scan# 1417  
 Delta R.T. 0.000 min  
 Lab File: BN016363.D  
 Acq: 21 Sep 2021 03:46

**Instrument :**  
 BNA\_N  
**ClientSampled :**  
 BP-TT-VPB-RW7-GW-790-792

Tgt Ion:178 Resp: 9112

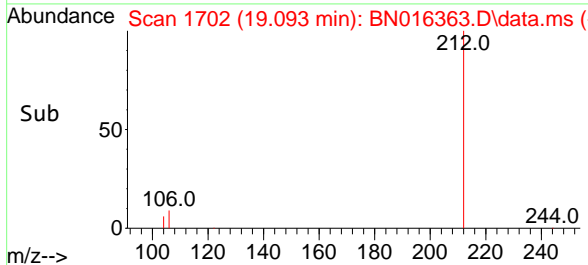
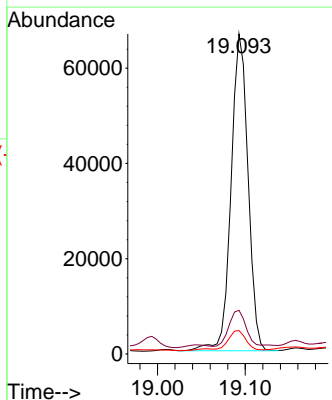
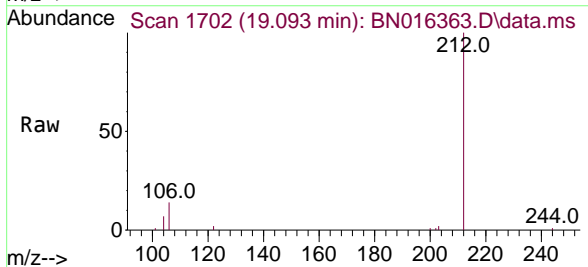
Ion	Ratio	Lower	Upper
178	100		
176	18.3	13.9	20.9
179	0.0	12.2	18.4#

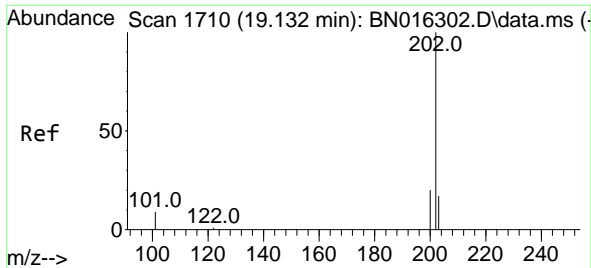


#27  
 Fluoranthene-d10  
 Concen: 0.238 ng  
 RT: 19.093 min Scan# 1702  
 Delta R.T. -0.005 min  
 Lab File: BN016363.D  
 Acq: 21 Sep 2021 03:46

Tgt Ion:212 Resp: 89089

Ion	Ratio	Lower	Upper
212	100		
106	12.5	9.8	14.6
104	6.3	5.4	8.2

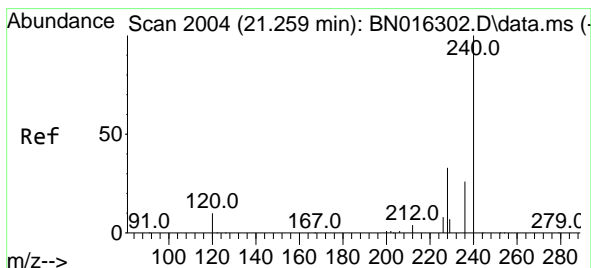
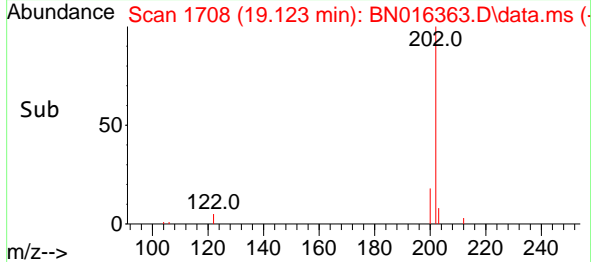
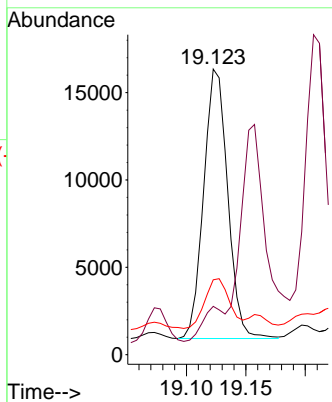
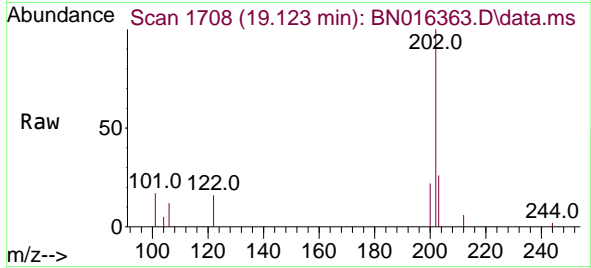




#28  
 Fluoranthene  
 Concen: 0.052 ng  
 RT: 19.123 min Scan# 1708  
 Delta R.T. -0.005 min  
 Lab File: BN016363.D  
 Acq: 21 Sep 2021 03:46

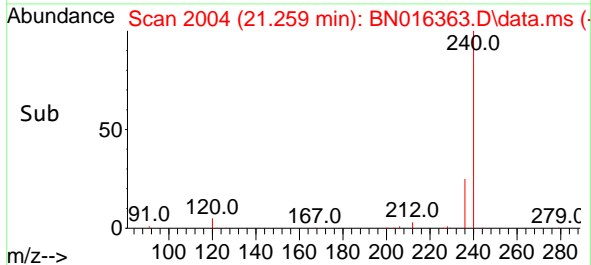
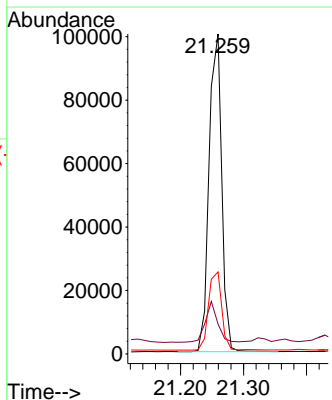
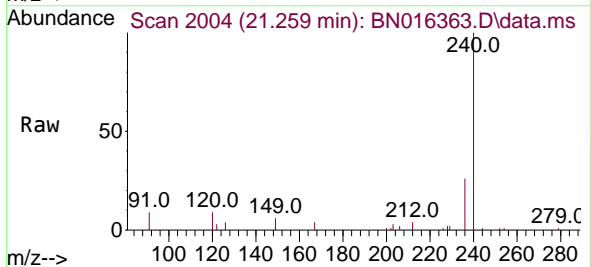
Instrument :  
 BNA\_N  
 ClientSampleId :  
 BP-TT-VPB-RW7-GW-790-792

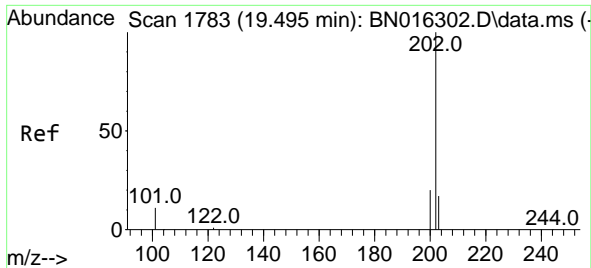
Tgt Ion	Resp	Lower	Upper
202	100		
101	11.6	8.5	12.7
203	18.9	13.8	20.8



#29  
 Chrysene-d12  
 Concen: 0.400 ng  
 RT: 21.259 min Scan# 2004  
 Delta R.T. 0.000 min  
 Lab File: BN016363.D  
 Acq: 21 Sep 2021 03:46

Tgt Ion	Resp	Lower	Upper
240	100		
120	9.3	5.3	7.9#
236	25.7	19.8	29.8



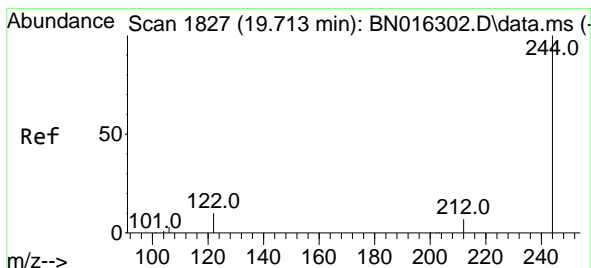
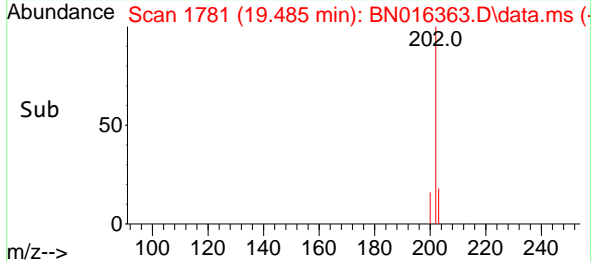
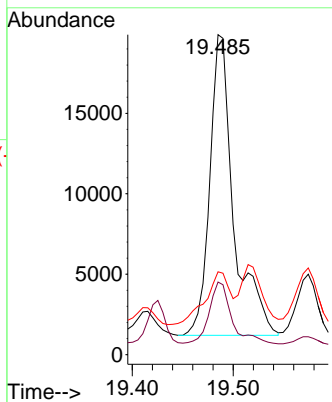
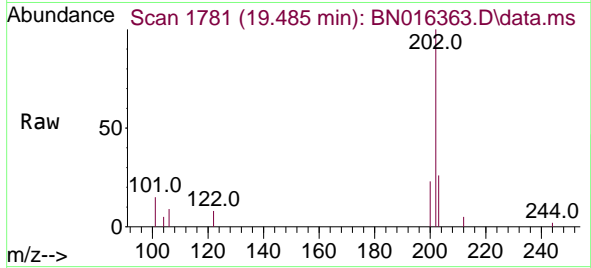


#30  
 Pyrene  
 Concen: 0.070 ng  
 RT: 19.485 min Scan# 1781  
 Delta R.T. -0.005 min  
 Lab File: BN016363.D  
 Acq: 21 Sep 2021 03:46

**Instrument :**  
 BNA\_N  
**ClientSampled :**  
 BP-TT-VPB-RW7-GW-790-792

Tgt Ion:202 Resp: 30947

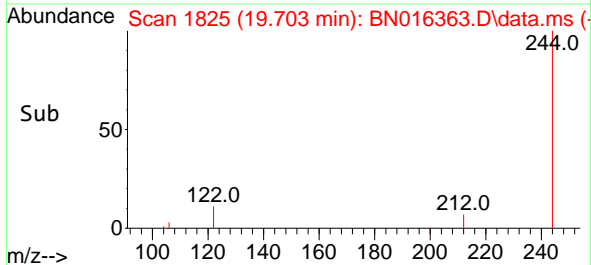
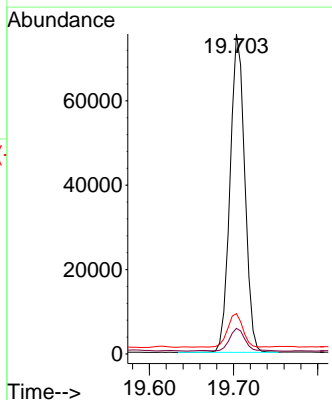
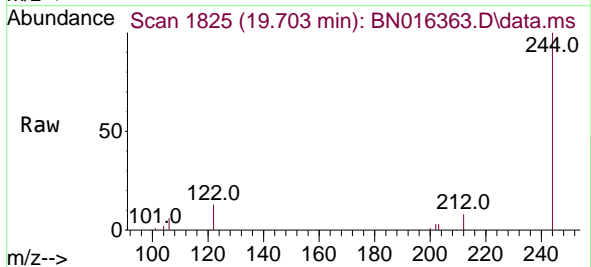
Ion	Ratio	Lower	Upper
202	100		
200	19.3	15.8	23.6
203	18.0	13.9	20.9

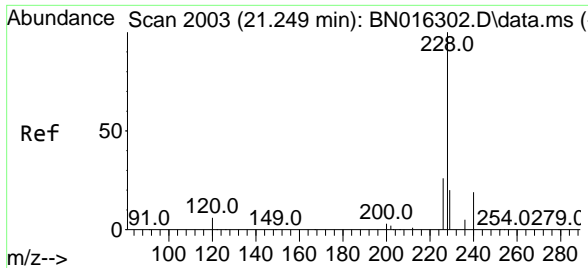


#31  
 Terphenyl-d14  
 Concen: 0.283 ng  
 RT: 19.703 min Scan# 1825  
 Delta R.T. -0.005 min  
 Lab File: BN016363.D  
 Acq: 21 Sep 2021 03:46

Tgt Ion:244 Resp: 91513

Ion	Ratio	Lower	Upper
244	100		
212	8.0	5.5	8.3
122	12.6	9.0	13.4

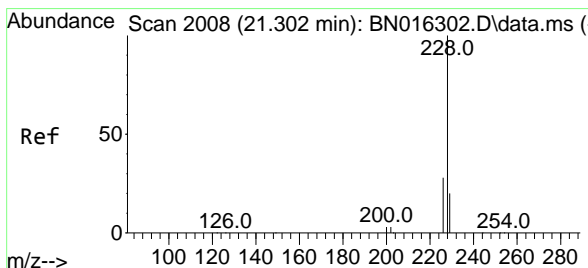
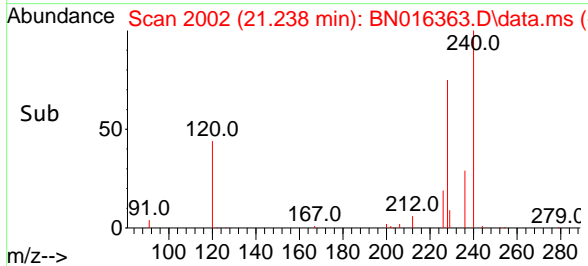
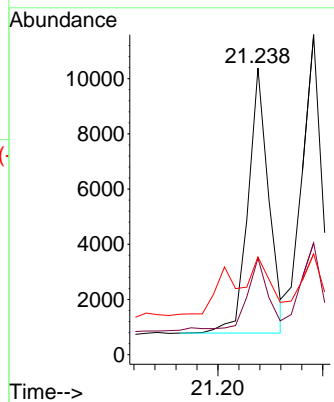
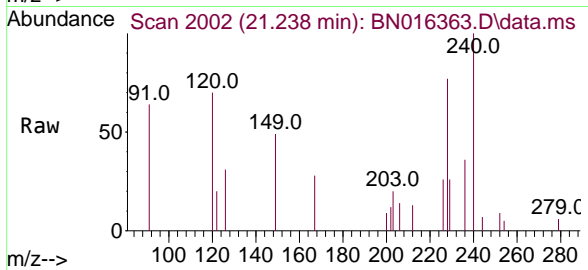




#32  
 Benzo(a)anthracene  
 Concen: 0.029 ng  
 RT: 21.238 min Scan# 2002  
 Delta R.T. -0.010 min  
 Lab File: BN016363.D  
 Acq: 21 Sep 2021 03:46

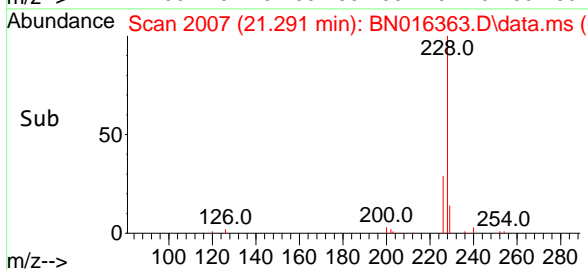
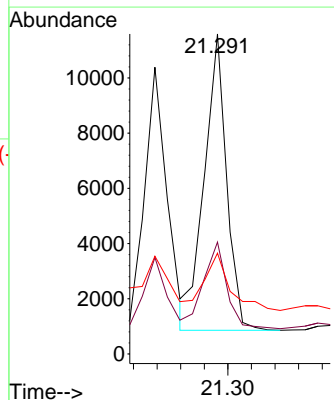
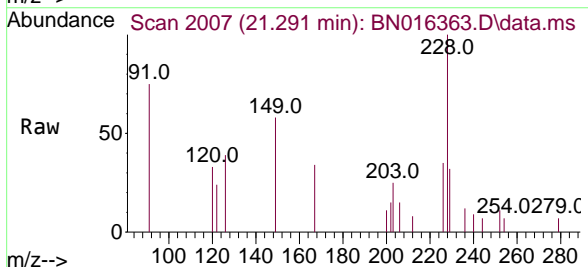
Instrument :  
 BNA\_N  
 ClientSampled :  
 BP-TT-VPB-RW7-GW-790-792

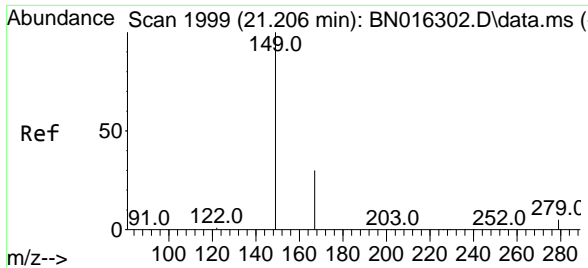
Tgt Ion	Resp	Lower	Upper
228	100		
226	33.7	20.8	31.2#
229	34.1	15.8	23.6#



#33  
 Chrysene  
 Concen: 0.032 ng  
 RT: 21.291 min Scan# 2007  
 Delta R.T. 0.000 min  
 Lab File: BN016363.D  
 Acq: 21 Sep 2021 03:46

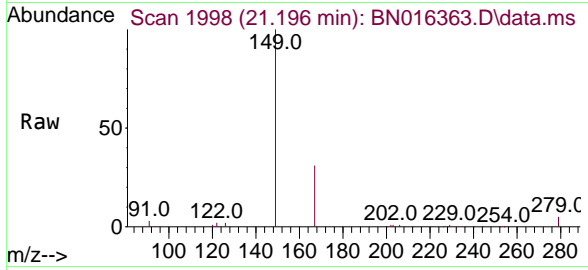
Tgt Ion	Resp	Lower	Upper
228	100		
226	34.9	23.0	34.4#
229	31.5	15.6	23.4#





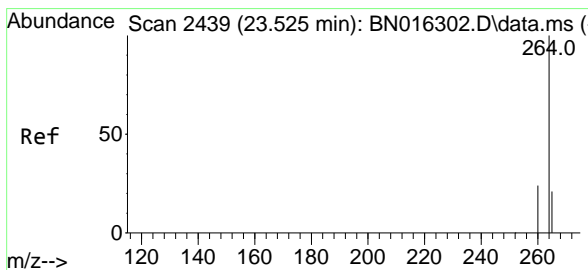
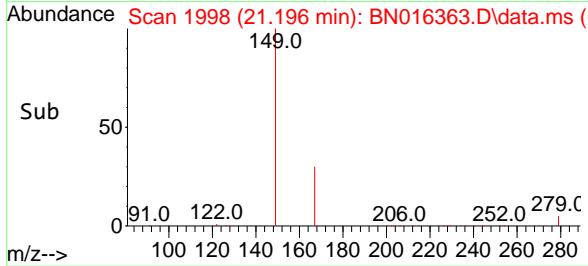
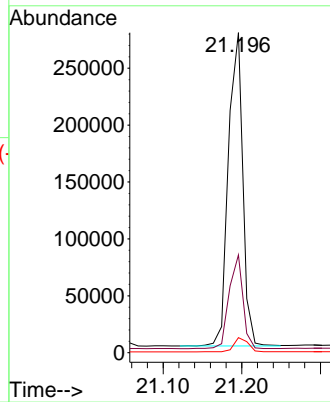
#34  
 Bis(2-ethylhexyl)phthalate  
 Concen: 1.448 ng  
 RT: 21.196 min Scan# 1998  
 Delta R.T. 0.000 min  
 Lab File: BN016363.D  
 Acq: 21 Sep 2021 03:46

**Instrument :**  
 BNA\_N  
**ClientSampled :**  
 BP-TT-VPB-RW7-GW-790-792



Tgt Ion:149 Resp: 349709

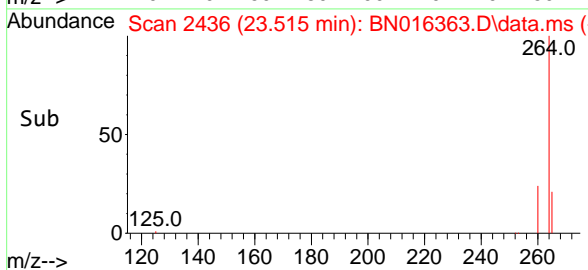
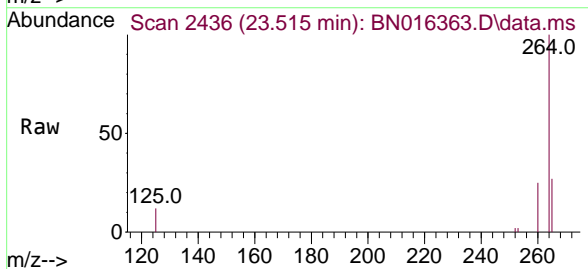
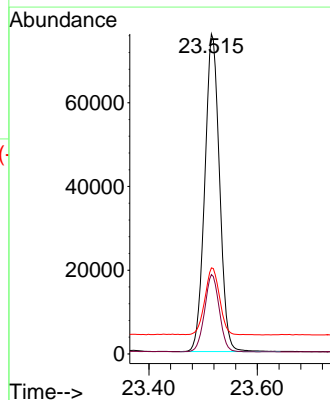
Ion	Ratio	Lower	Upper
149	100		
167	28.7	23.4	35.0
279	4.5	3.9	5.9

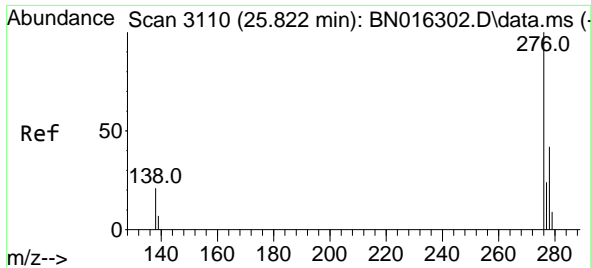


#35  
 Perylene-d12  
 Concen: 0.400 ng  
 RT: 23.515 min Scan# 2436  
 Delta R.T. -0.010 min  
 Lab File: BN016363.D  
 Acq: 21 Sep 2021 03:46

Tgt Ion:264 Resp: 142673

Ion	Ratio	Lower	Upper
264	100		
260	24.8	18.9	28.3
265	26.9	23.7	35.5

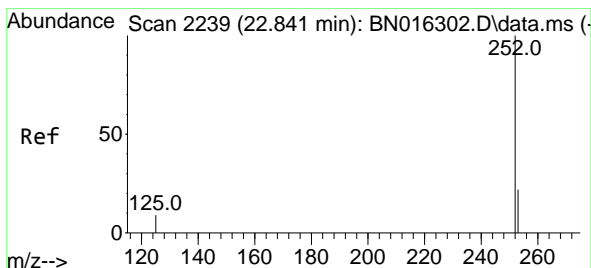
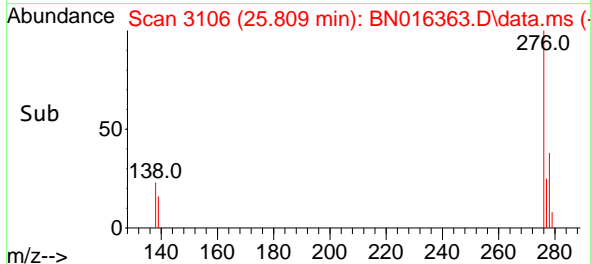
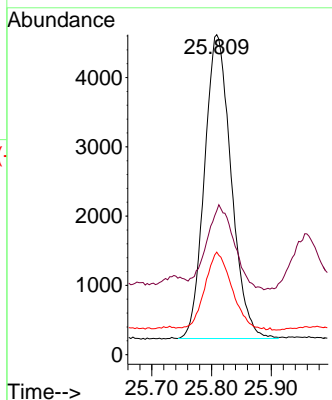
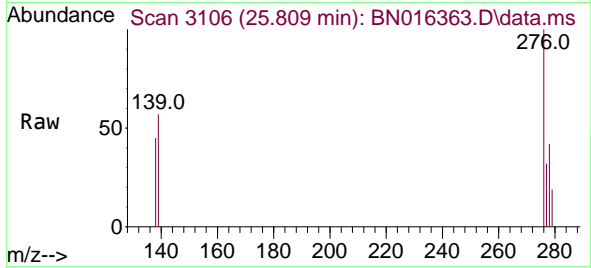




#36  
 Indeno(1,2,3-cd)pyrene  
 Concen: 0.030 ng  
 RT: 25.809 min Scan# 3106  
 Delta R.T. -0.010 min  
 Lab File: BN016363.D  
 Acq: 21 Sep 2021 03:46

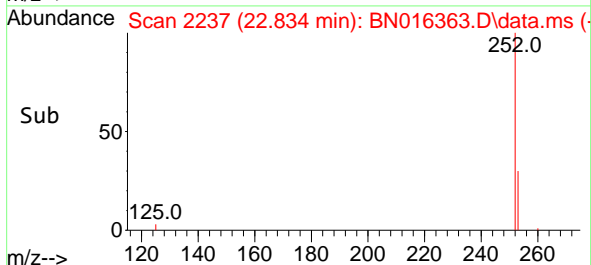
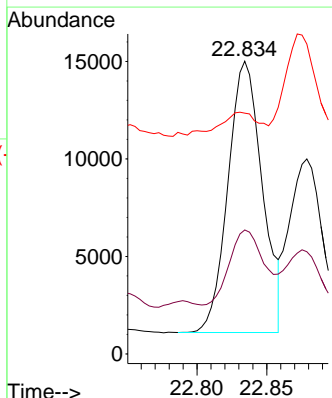
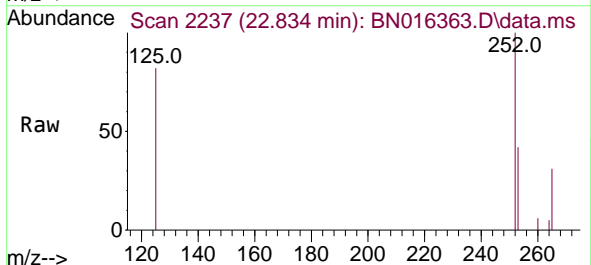
**Instrument :**  
 BNA\_N  
**ClientSampleId :**  
 BP-TT-VPB-RW7-GW-790-792

Tgt Ion:276 Resp: 13614  
 Ion Ratio Lower Upper  
 276 100  
 138 29.1 19.3 28.9#  
 277 25.6 20.2 30.2

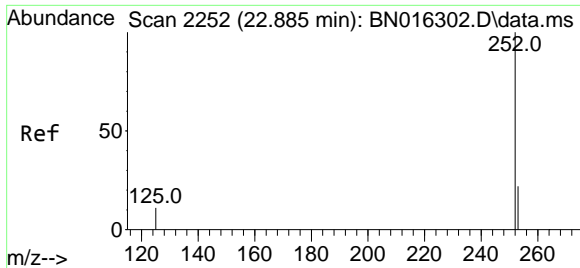


#37  
 Benzo(b)fluoranthene  
 Concen: 0.053 ng  
 RT: 22.834 min Scan# 2237  
 Delta R.T. -0.006 min  
 Lab File: BN016363.D  
 Acq: 21 Sep 2021 03:46

Tgt Ion:252 Resp: 23818  
 Ion Ratio Lower Upper  
 252 100  
 253 42.4 18.2 27.2#  
 125 82.2 8.4 12.6#





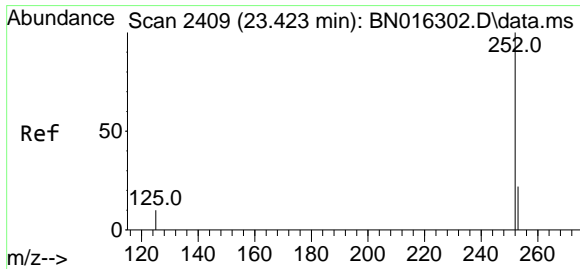
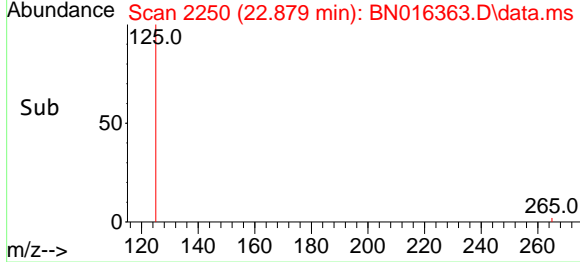
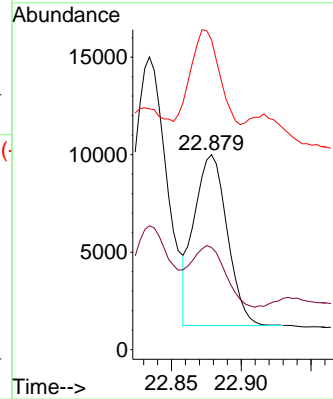
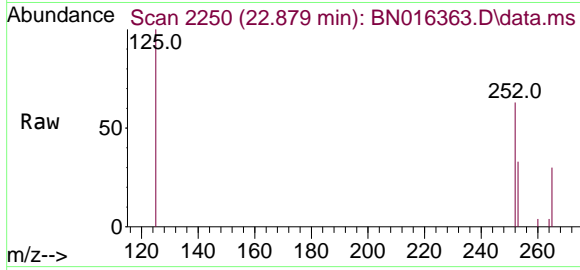


#38  
 Benzo(k)fluoranthene  
 Concen: 0.033 ng  
 RT: 22.879 min Scan# 2250  
 Delta R.T. -0.006 min  
 Lab File: BN016363.D  
 Acq: 21 Sep 2021 03:46

**Instrument :**  
 BNA\_N  
**ClientSampled :**  
 BP-TT-VPB-RW7-GW-790-792

Tgt Ion:252 Resp: 14381

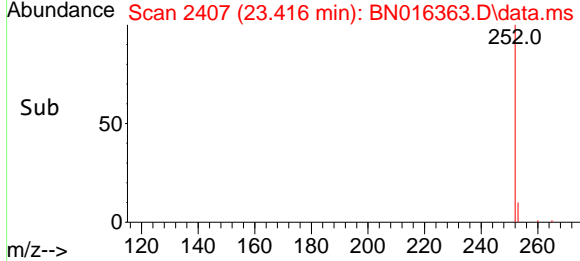
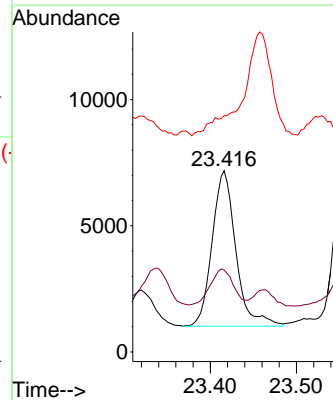
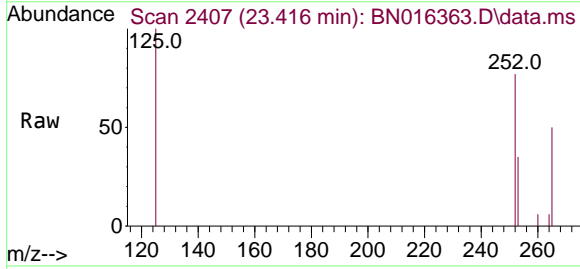
Ion	Ratio	Lower	Upper
252	100		
253	52.5	18.2	27.2#
125	158.9	8.2	12.4#

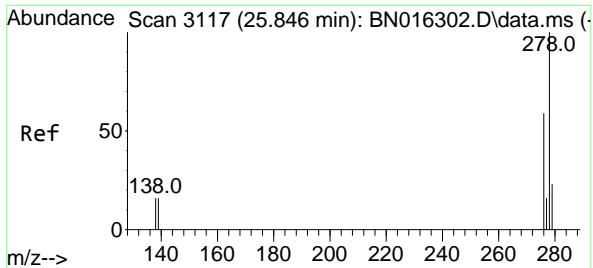


#39  
 Benzo(a)pyrene  
 Concen: 0.029 ng  
 RT: 23.416 min Scan# 2407  
 Delta R.T. -0.006 min  
 Lab File: BN016363.D  
 Acq: 21 Sep 2021 03:46

Tgt Ion:252 Resp: 11824

Ion	Ratio	Lower	Upper
252	100		
253	45.2	18.7	28.1#
125	130.3	9.9	14.9#



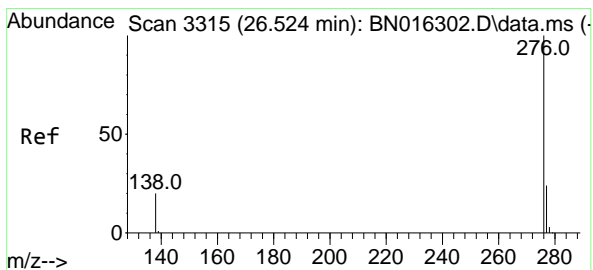
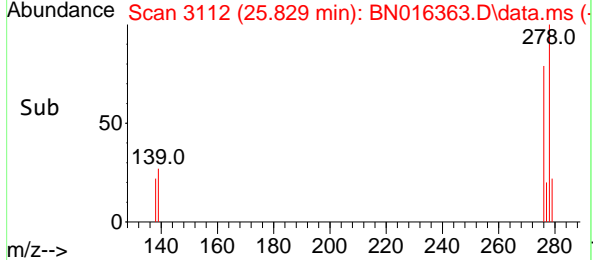
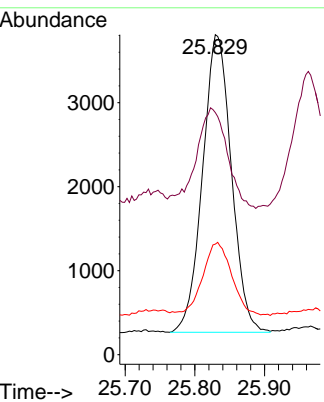
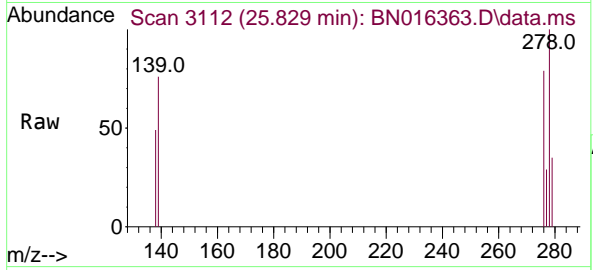


#40  
 Dibenzo(a,h)anthracene  
 Concen: 0.026 ng  
 RT: 25.829 min Scan# 3112  
 Delta R.T. -0.013 min  
 Lab File: BN016363.D  
 Acq: 21 Sep 2021 03:46

Instrument :  
 BNA\_N  
 ClientSampleId :  
 BP-TT-VPB-RW7-GW-790-792

Tgt Ion:278 Resp: 10172

Ion	Ratio	Lower	Upper
278	100		
139	75.7	14.2	21.2#
279	34.5	21.3	31.9#



#41  
 Benzo(g,h,i)perylene  
 Concen: 0.030 ng  
 RT: 26.510 min Scan# 3311  
 Delta R.T. -0.010 min  
 Lab File: BN016363.D  
 Acq: 21 Sep 2021 03:46

Tgt Ion:276 Resp: 11718

Ion	Ratio	Lower	Upper
276	100		
277	30.0	20.5	30.7
138	40.0	18.2	27.4#

