

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN082521\
 Data File : BN016050.D
 Acq On : 25 Aug 2021 02:58
 Operator : CG/JU
 Sample : M3520-08
 Misc :
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 BP-TT-VPB-RW7-GW-480-482

Quant Time: Aug 25 04:20:15 2021
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\8270-SIM-BN082521.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Aug 24 14:26:02 2021
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

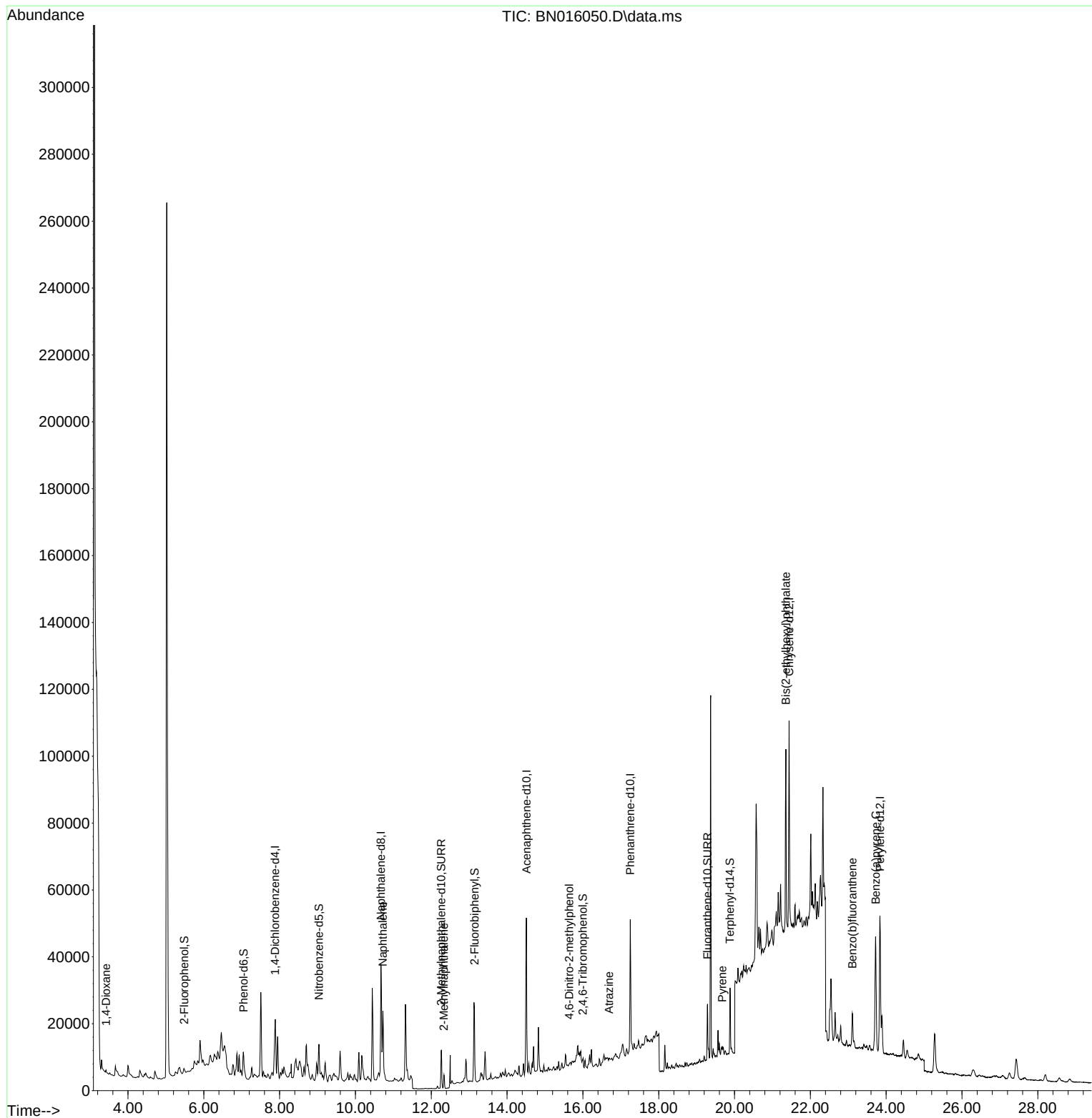
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.882	152	9006	0.400	ng	0.00
7) Naphthalene-d8	10.673	136	50418	0.400	ng	#-0.01
13) Acenaphthene-d10	14.510	164	28691	0.400	ng	0.00
19) Phenanthrene-d10	17.249	188	54097	0.400	ng	0.00
29) Chrysene-d12	21.440	240	55728	0.400	ng	0.00
35) Perylene-d12	23.837	264	59949	0.400	ng	0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.485	112	668	0.031	ng	0.03
5) Phenol-d6	7.052	99	848	0.028	ng	0.00
8) Nitrobenzene-d5	9.038	82	10362	0.313	ng	0.00
11) 2-Methylnaphthalene-d10	12.265	152	16119	0.212	ng	0.00
14) 2,4,6-Tribromophenol	15.994	330	485	0.060	ng	0.00
15) 2-Fluorobiphenyl	13.139	172	22869	0.198	ng	0.00
27) Fluoranthene-d10	19.286	212	19065	0.125	ng	0.00
31) Terphenyl-d14	19.882	244	19669	0.144	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	3.419	88	417	0.084	ng	# 39
9) Naphthalene	10.723	128	27505	0.207	ng	# 99
12) 2-Methylnaphthalene	12.336	142	2898	0.034	ng	# 95
20) 4,6-Dinitro-2-methylph...	15.639	198	177	0.155	ng	# 1
23) Atrazine	16.689	200	1471	0.207	ng	# 1
30) Pyrene	19.678	202	3420	0.021	ng	# 76
34) Bis(2-ethylhexyl)phtha...	21.355	149	51021	1.131	ng	# 96
37) Benzo(b)fluoranthene	23.108	252	5023	0.023	ng	# 1
39) Benzo(a)pyrene	23.727	252	3707	0.020	ng	# 1

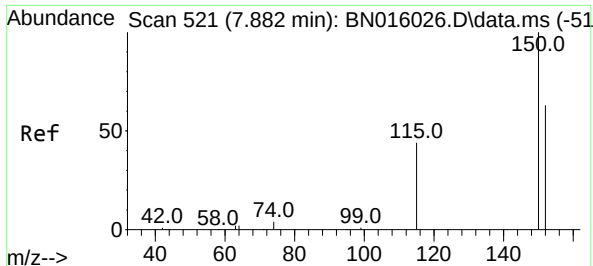
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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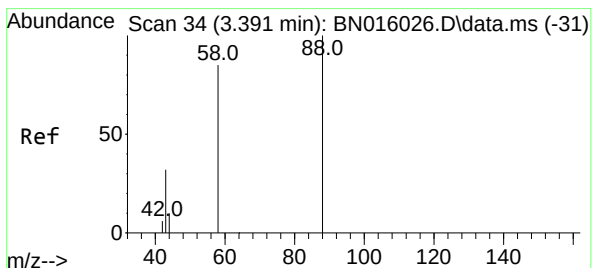
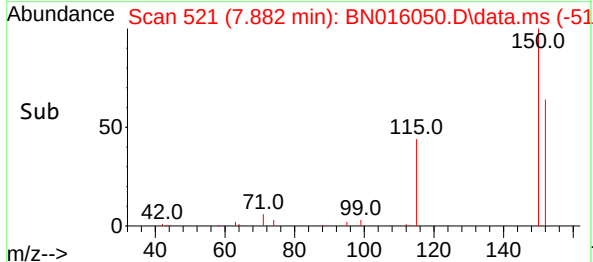
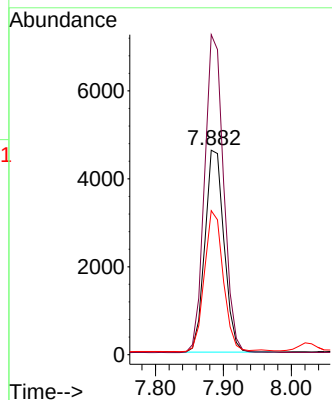
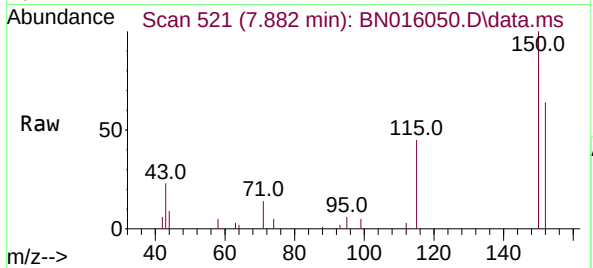




#1
 1,4-Dichlorobenzene-d4
 Concen: 0.400 ng
 RT: 7.882 min Scan# 521
 Delta R.T. 0.000 min
 Lab File: BN016050.D
 Acq: 25 Aug 2021 02:58

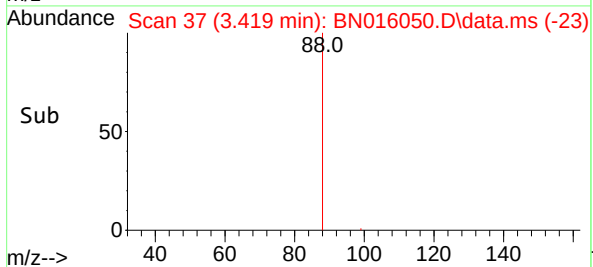
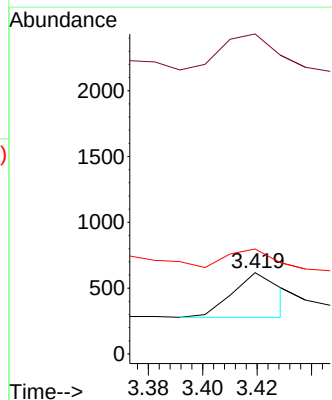
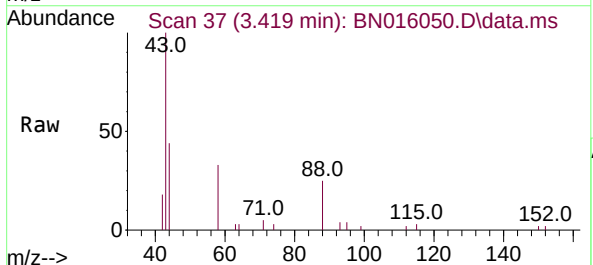
Instrument :
 BNA_N
 ClientSampleId :
 BP-TT-VPB-RW7-GW-480-482

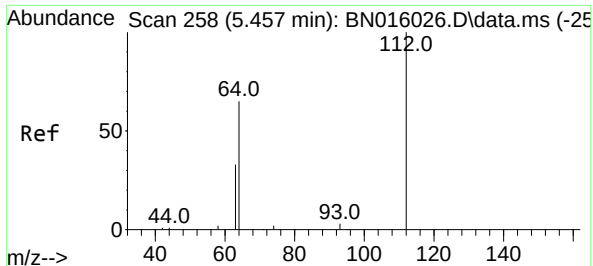
Tgt Ion:152 Resp: 9006
 Ion Ratio Lower Upper
 152 100
 150 156.5 126.5 189.7
 115 70.5 56.5 84.7



#2
 1,4-Dioxane
 Concen: 0.084 ng
 RT: 3.419 min Scan# 37
 Delta R.T. 0.028 min
 Lab File: BN016050.D
 Acq: 25 Aug 2021 02:58

Tgt Ion: 88 Resp: 417
 Ion Ratio Lower Upper
 88 100
 43 88.0 21.0 31.4#
 58 37.4 54.8 82.2#

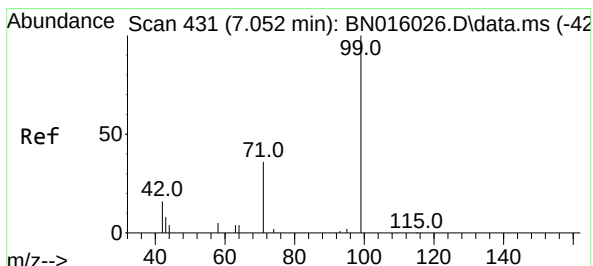
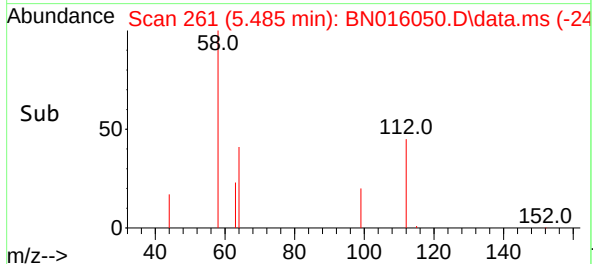
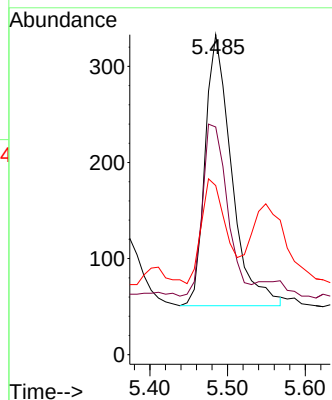
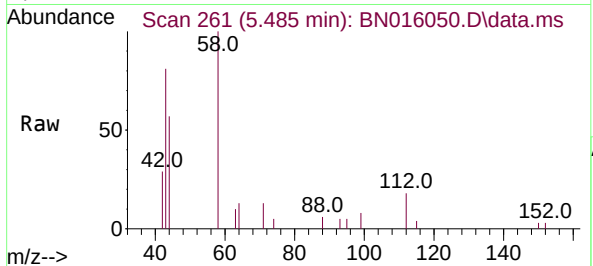




#4
2-Fluorophenol
Concen: 0.031 ng
RT: 5.485 min Scan# 261
Delta R.T. 0.028 min
Lab File: BN016050.D
Acq: 25 Aug 2021 02:58

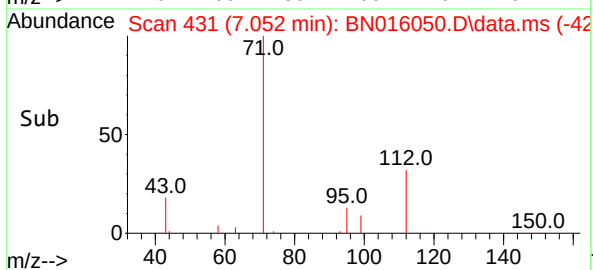
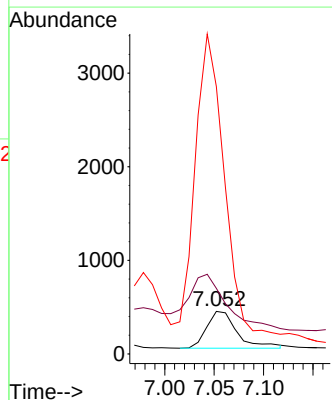
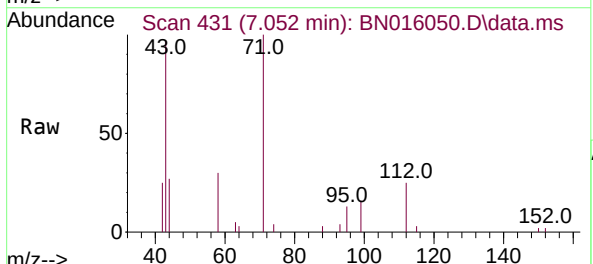
Instrument :
BNA_N
ClientSampleId :
BP-TT-VPB-RW7-GW-480-482

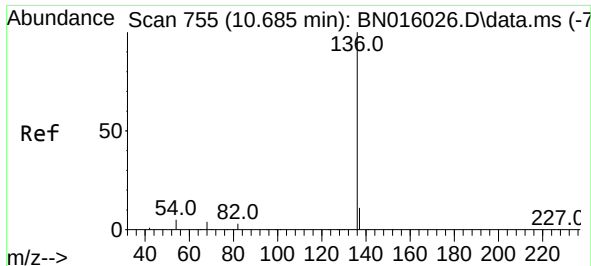
Tgt Ion:	112	Resp:	668
Ion	Ratio	Lower	Upper
112	100		
64	59.6	52.5	78.7
63	35.3	26.9	40.3



#5
Phenol-d6
Concen: 0.028 ng
RT: 7.052 min Scan# 431
Delta R.T. 0.000 min
Lab File: BN016050.D
Acq: 25 Aug 2021 02:58

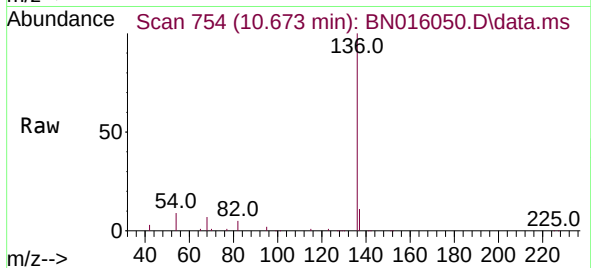
Tgt Ion:	99	Resp:	848
Ion	Ratio	Lower	Upper
99	100		
42	179.1	15.6	23.4#
71	756.4	29.8	44.8#



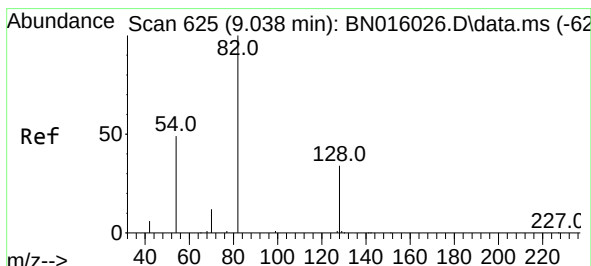
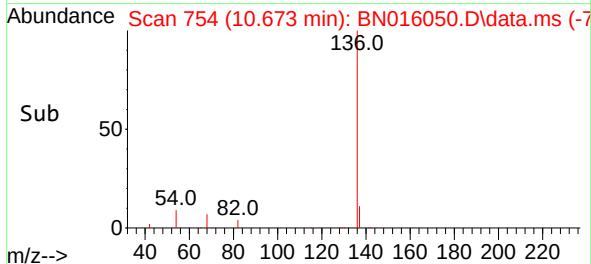
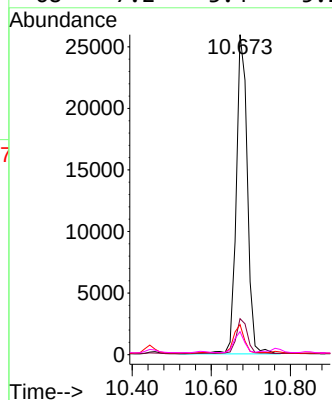


#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.673 min Scan# 754
Delta R.T. -0.012 min
Lab File: BN016050.D
Acq: 25 Aug 2021 02:58

Instrument :
BNA_N
ClientSampleId :
BP-TT-VPB-RW7-GW-480-482

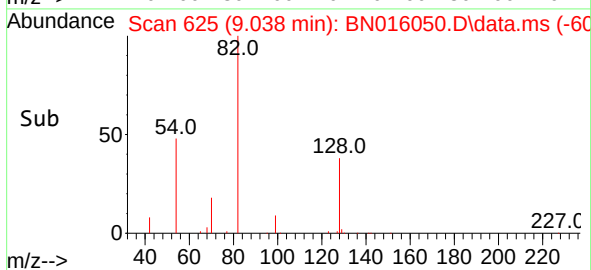
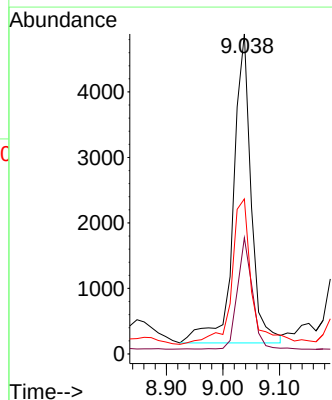
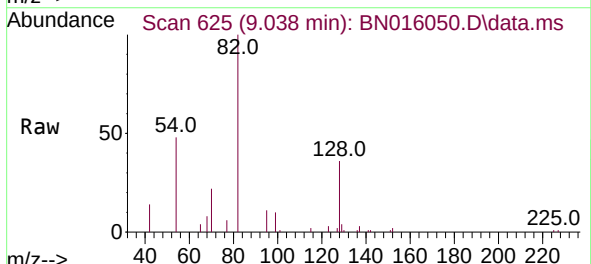


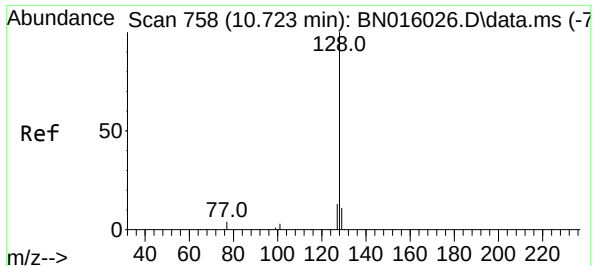
Tgt Ion:136 Resp: 50418
Ion Ratio Lower Upper
136 100
137 11.2 8.9 13.3
54 9.4 4.2 6.4#
68 7.2 3.4 5.2#



#8
Nitrobenzene-d5
Concen: 0.313 ng
RT: 9.038 min Scan# 625
Delta R.T. 0.000 min
Lab File: BN016050.D
Acq: 25 Aug 2021 02:58

Tgt Ion: 82 Resp: 10362
Ion Ratio Lower Upper
82 100
128 36.3 27.7 41.5
54 48.5 39.4 59.2

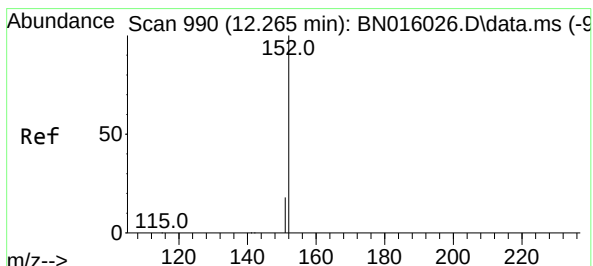
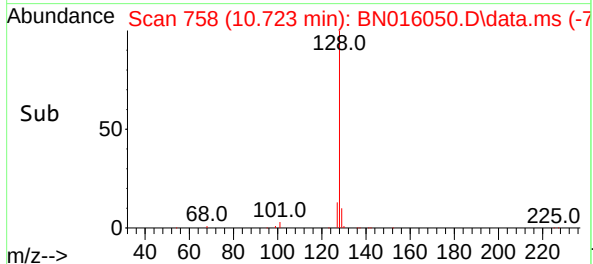
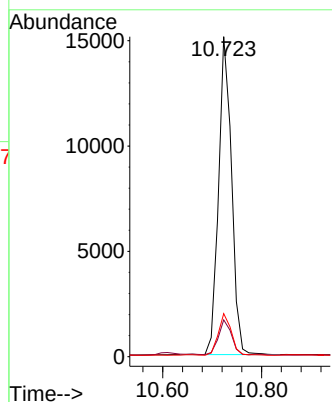
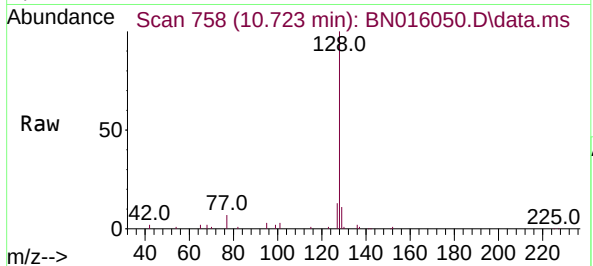




#9
Naphthalene
Concen: 0.207 ng
RT: 10.723 min Scan# 758
Delta R.T. 0.000 min
Lab File: BN016050.D
Acq: 25 Aug 2021 02:58

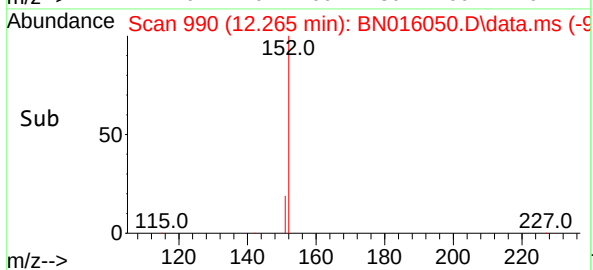
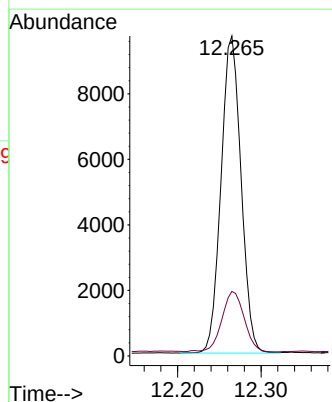
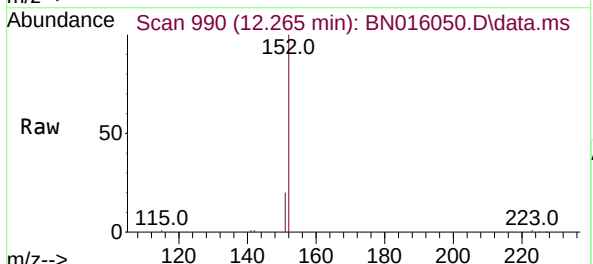
Instrument :
BNA_N
ClientSampleId :
BP-TT-VPB-RW7-GW-480-482

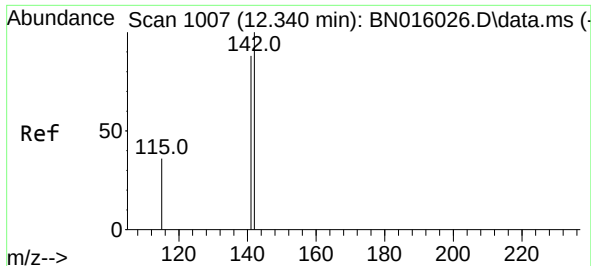
Tgt Ion:	128	Resp:	27505
Ion Ratio	Lower	Upper	
128	100		
129	11.5	8.9	13.3
127	13.5	10.7	16.1



#11
2-Methylnaphthalene-d10
Concen: 0.212 ng
RT: 12.265 min Scan# 990
Delta R.T. 0.000 min
Lab File: BN016050.D
Acq: 25 Aug 2021 02:58

Tgt Ion:	152	Resp:	16119
Ion Ratio	Lower	Upper	
152	100		
151	21.5	16.6	24.8

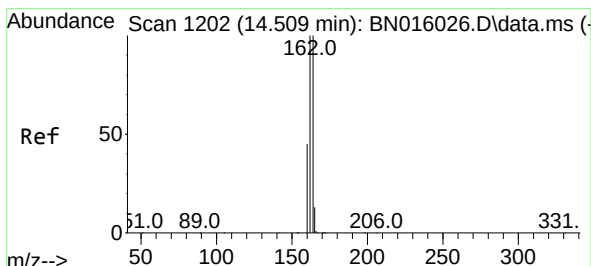
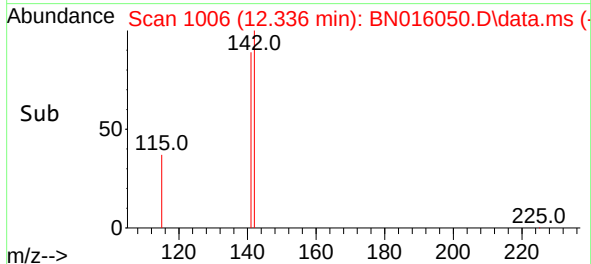
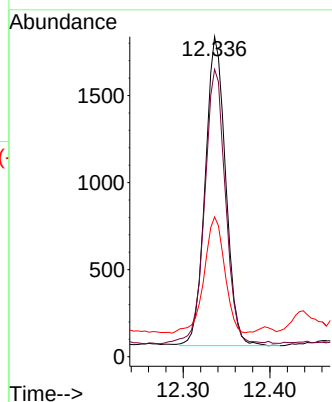
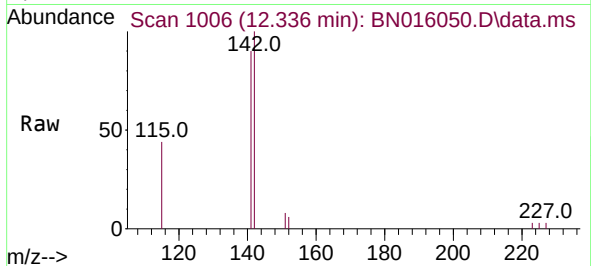




#12
2-Methylnaphthalene
Concen: 0.034 ng
RT: 12.336 min Scan# 1006
Delta R.T. -0.004 min
Lab File: BN016050.D
Acq: 25 Aug 2021 02:58

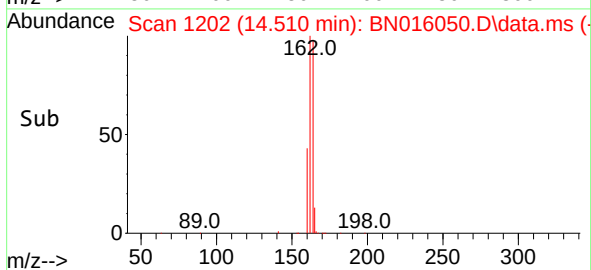
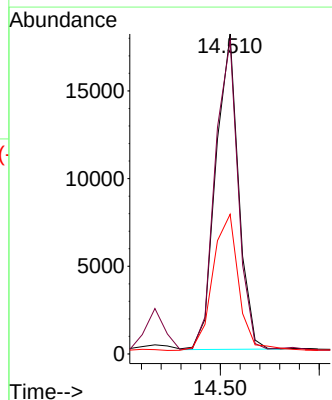
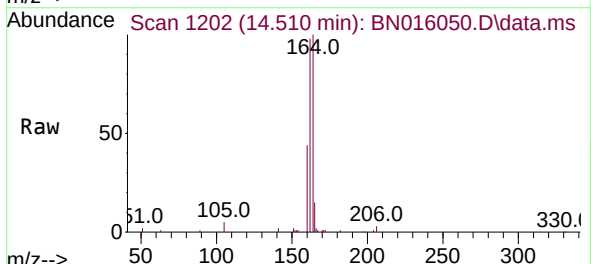
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ClientSampleId :
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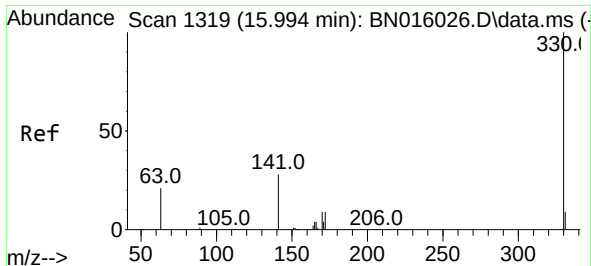
Tgt Ion:142 Resp: 2898
Ion Ratio Lower Upper
142 100
141 89.8 70.3 105.5
115 43.7 28.7 43.1#



#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.510 min Scan# 1202
Delta R.T. 0.000 min
Lab File: BN016050.D
Acq: 25 Aug 2021 02:58

Tgt Ion:164 Resp: 28691
Ion Ratio Lower Upper
164 100
162 97.9 80.2 120.4
160 43.7 35.9 53.9

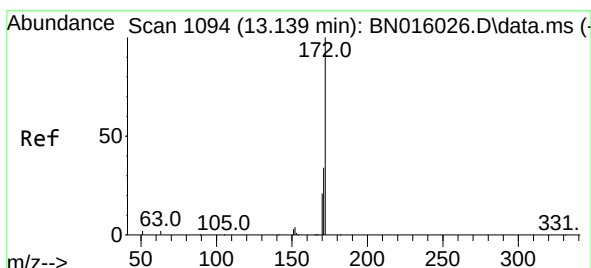
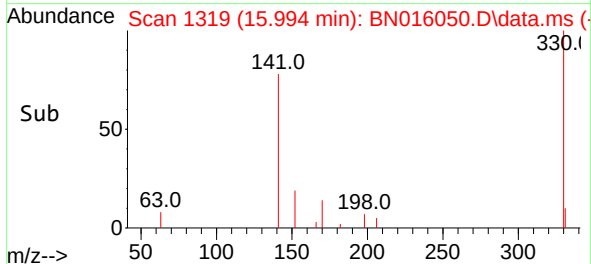
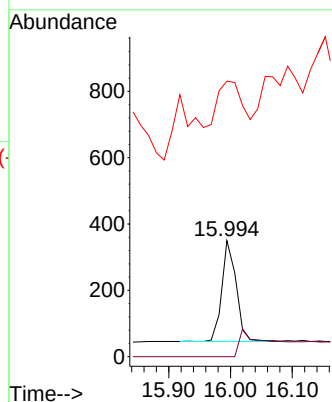
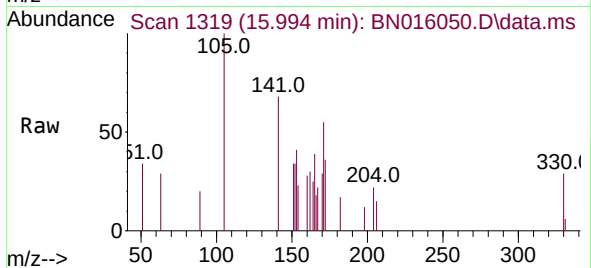




#14
2,4,6-Tribromophenol
Concen: 0.060 ng
RT: 15.994 min Scan# 1319
Delta R.T. 0.000 min
Lab File: BN016050.D
Acq: 25 Aug 2021 02:58

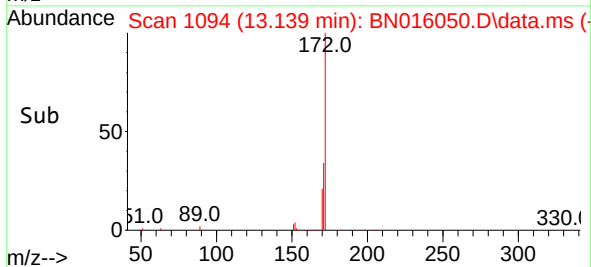
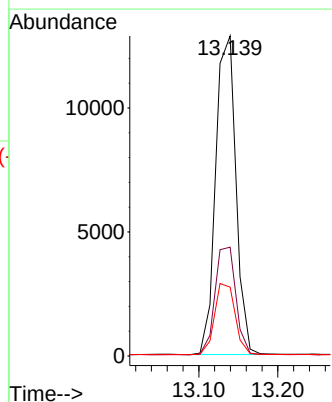
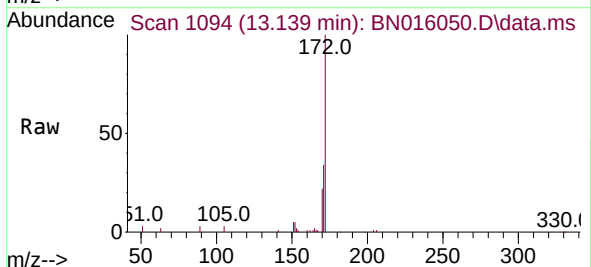
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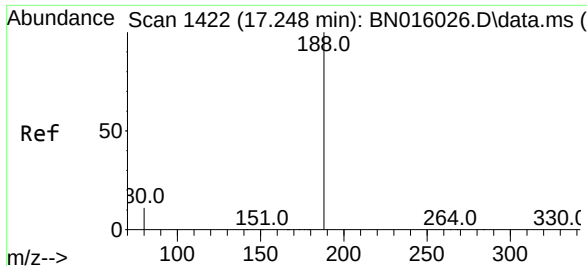
Tgt Ion:330 Resp: 485
Ion Ratio Lower Upper
330 100
332 0.0 0.0 0.0
141 75.7 24.6 36.8#



#15
2-Fluorobiphenyl
Concen: 0.198 ng
RT: 13.139 min Scan# 1094
Delta R.T. 0.000 min
Lab File: BN016050.D
Acq: 25 Aug 2021 02:58

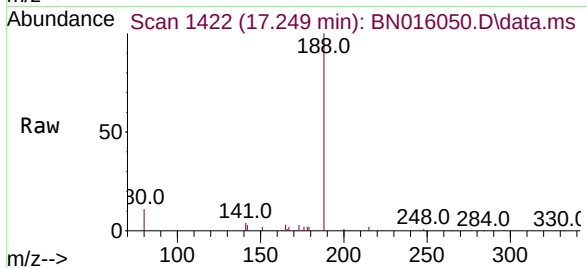
Tgt Ion:172 Resp: 22869
Ion Ratio Lower Upper
172 100
171 34.0 27.1 40.7
170 21.5 17.3 25.9



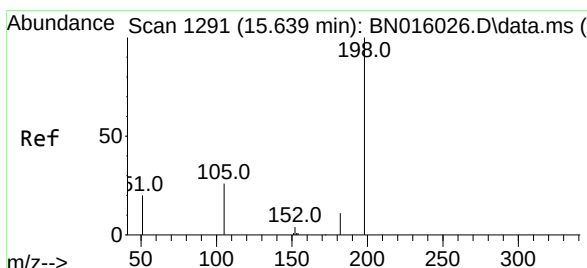
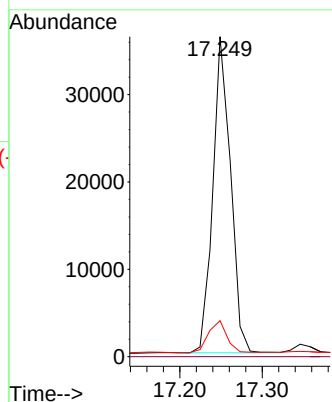
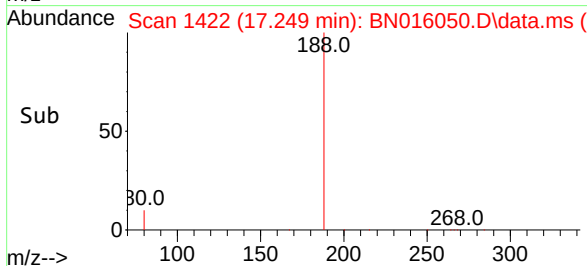


#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.249 min Scan# 1422
Delta R.T. 0.000 min
Lab File: BN016050.D
Acq: 25 Aug 2021 02:58

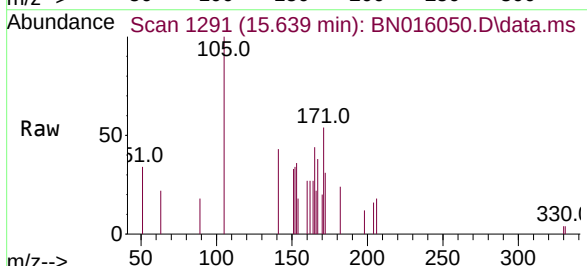
Instrument :
BNA_N
ClientSampleId :
BP-TT-VPB-RW7-GW-480-482



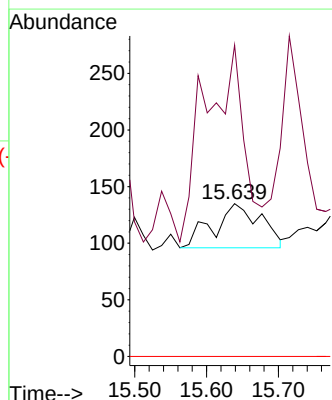
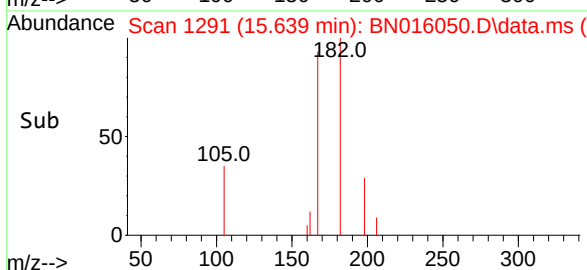
Tgt Ion:188 Resp: 54097
Ion Ratio Lower Upper
188 100
94 0.0 0.0 0.0
80 11.2 9.0 13.6

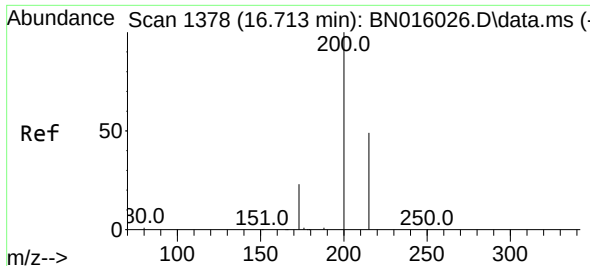


#20
4,6-Dinitro-2-methylphenol
Concen: 0.155 ng
RT: 15.639 min Scan# 1291
Delta R.T. -0.000 min
Lab File: BN016050.D
Acq: 25 Aug 2021 02:58



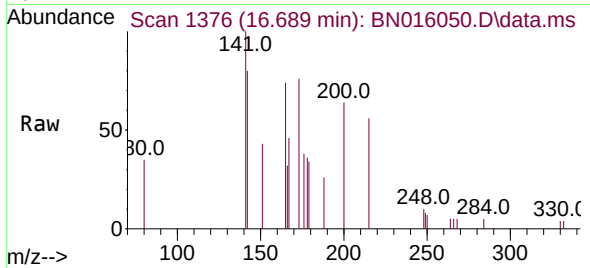
Tgt Ion:198 Resp: 177
Ion Ratio Lower Upper
198 100
182 203.7 16.8 25.2#
77 0.0 0.0 0.0



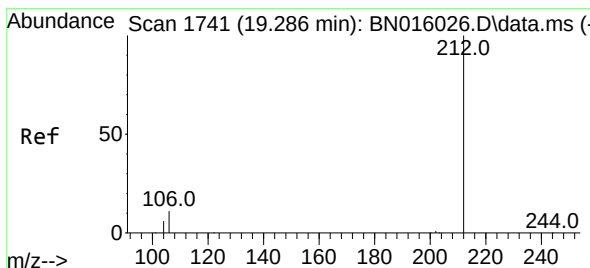
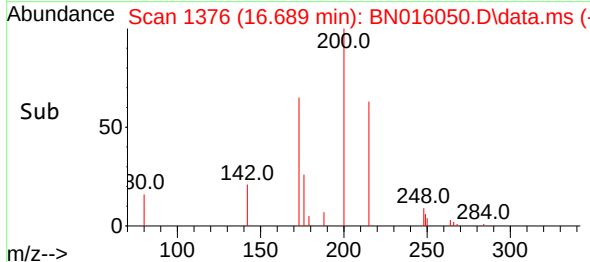
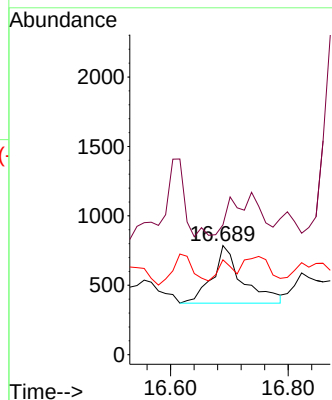


#23
Atrazine
Concen: 0.207 ng
RT: 16.689 min Scan# 1376
Delta R.T. -0.024 min
Lab File: BN016050.D
Acq: 25 Aug 2021 02:58

Instrument :
BNA_N
ClientSampleId :
BP-TT-VPB-RW7-GW-480-482

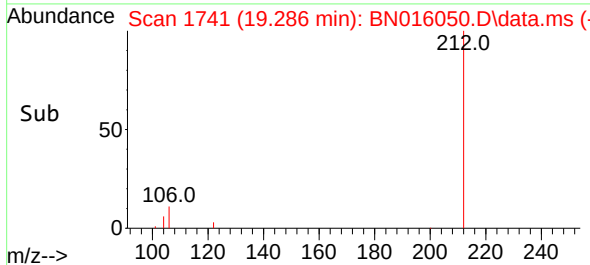
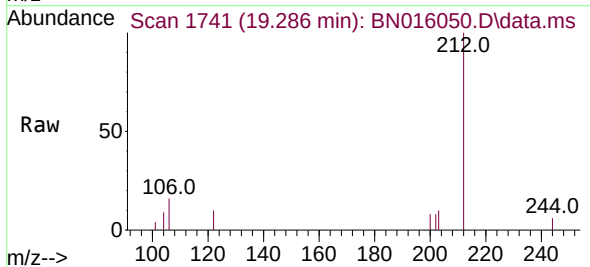
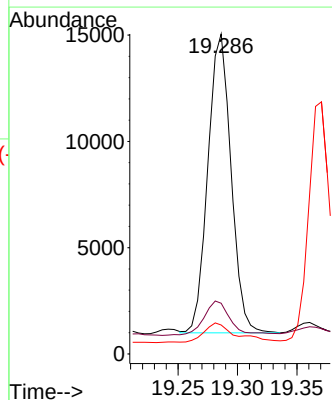


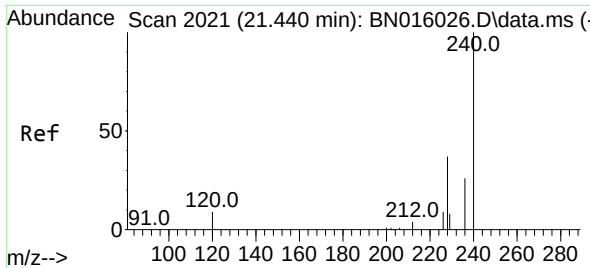
Tgt Ion:200 Resp: 1471
Ion Ratio Lower Upper
200 100
173 119.0 19.7 29.5#
215 86.9 39.5 59.3#



#27
Fluoranthene-d10
Concen: 0.125 ng
RT: 19.286 min Scan# 1741
Delta R.T. 0.000 min
Lab File: BN016050.D
Acq: 25 Aug 2021 02:58

Tgt Ion:212 Resp: 19065
Ion Ratio Lower Upper
212 100
106 13.3 9.4 14.2
104 9.3 5.4 8.0#

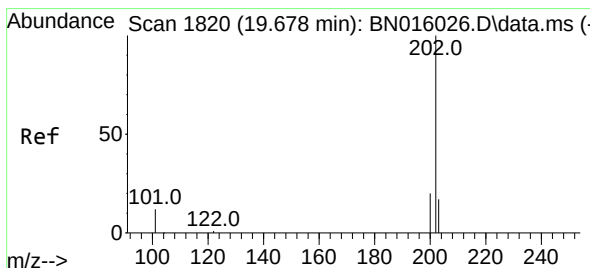
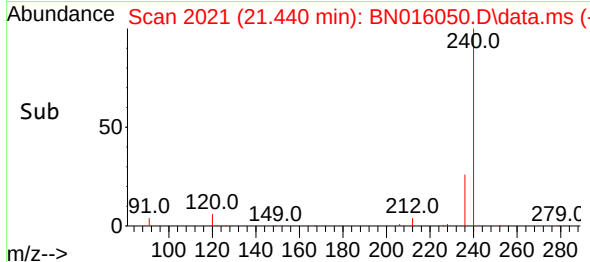
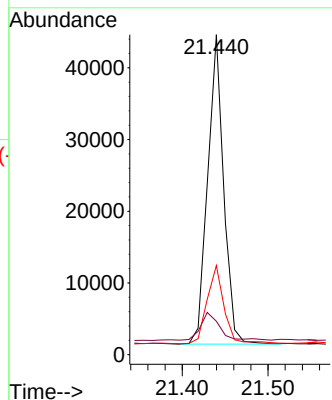
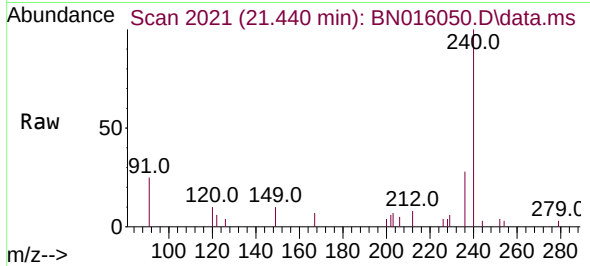




#29
Chrysene-d12
Concen: 0.400 ng
RT: 21.440 min Scan# 2021
Delta R.T. -0.000 min
Lab File: BN016050.D
Acq: 25 Aug 2021 02:58

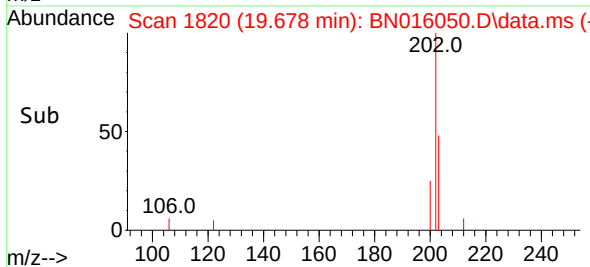
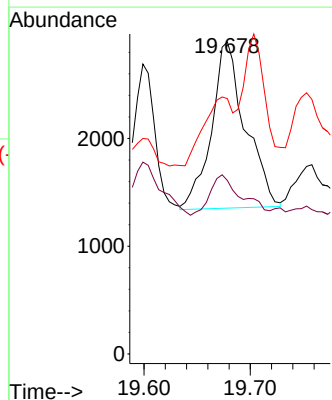
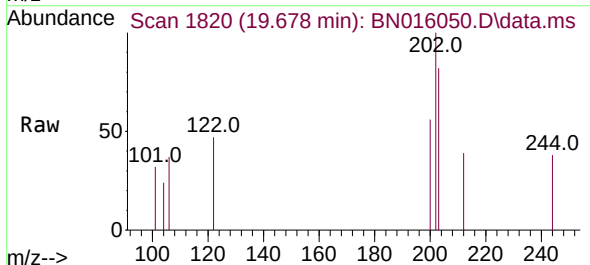
Instrument :
BNA_N
ClientSampleId :
BP-TT-VPB-RW7-GW-480-482

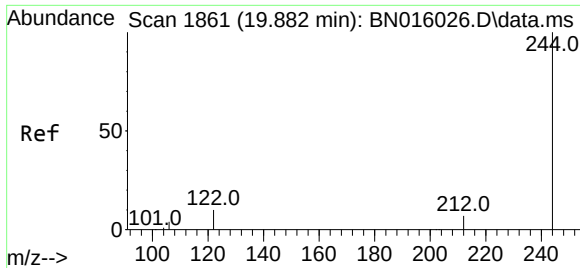
Tgt Ion:240	Resp:	55728
Ion Ratio	Lower	Upper
240	100	
120	10.5	7.8 11.6
236	27.8	21.0 31.6



#30
Pyrene
Concen: 0.021 ng
RT: 19.678 min Scan# 1820
Delta R.T. 0.000 min
Lab File: BN016050.D
Acq: 25 Aug 2021 02:58

Tgt Ion:202	Resp:	3420
Ion Ratio	Lower	Upper
202	100	
200	25.5	16.1 24.1#
203	34.4	14.1 21.1#

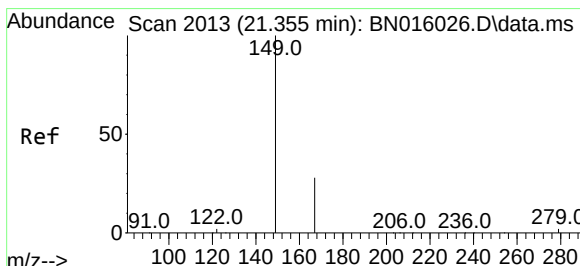
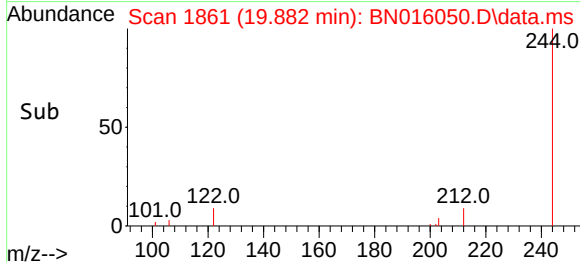
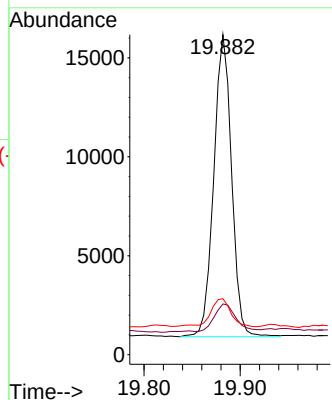
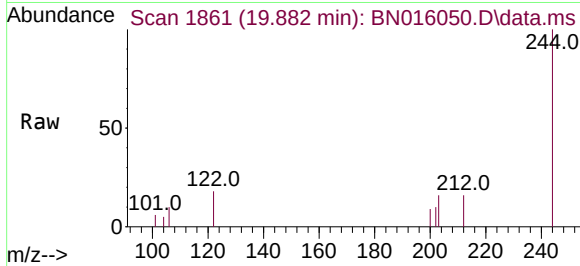




#31
 Terphenyl-d14
 Concen: 0.144 ng
 RT: 19.882 min Scan# 1861
 Delta R.T. 0.000 min
 Lab File: BN016050.D
 Acq: 25 Aug 2021 02:58

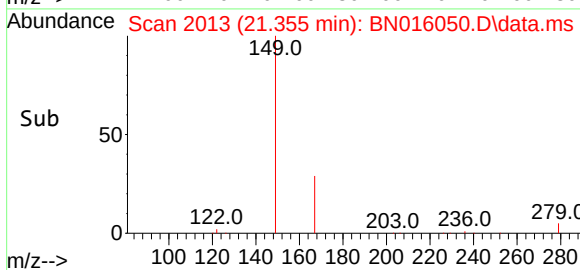
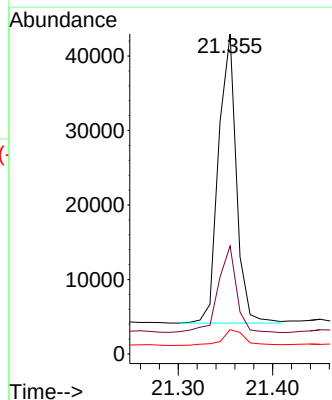
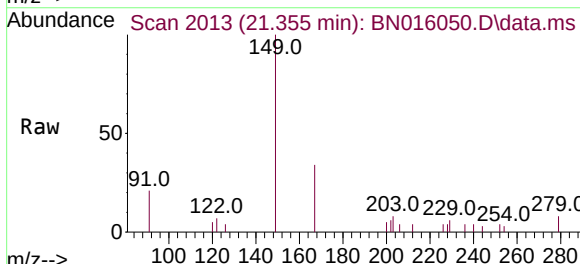
Instrument :
 BNA_N
 ClientSampleId :
 BP-TT-VPB-RW7-GW-480-482

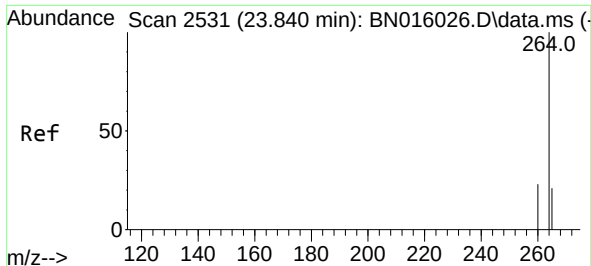
Tgt Ion:244	Resp:	19669
Ion Ratio	Lower	Upper
244	100	
212	15.9	6.0 9.0#
122	17.5	8.5 12.7#



#34
 Bis(2-ethylhexyl)phthalate
 Concen: 1.131 ng
 RT: 21.355 min Scan# 2013
 Delta R.T. 0.000 min
 Lab File: BN016050.D
 Acq: 25 Aug 2021 02:58

Tgt Ion:149	Resp:	51021
Ion Ratio	Lower	Upper
149	100	
167	30.6	22.8 34.2
279	7.0	4.1 6.1#

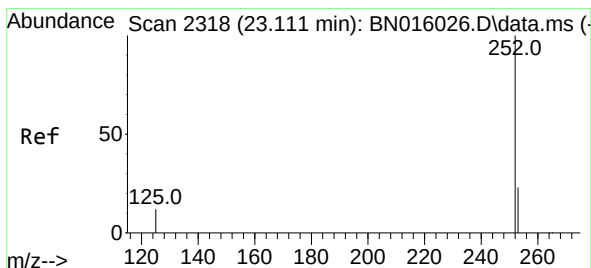
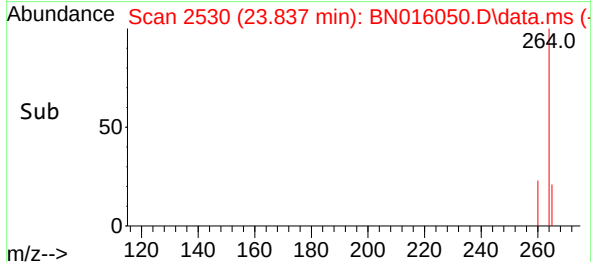
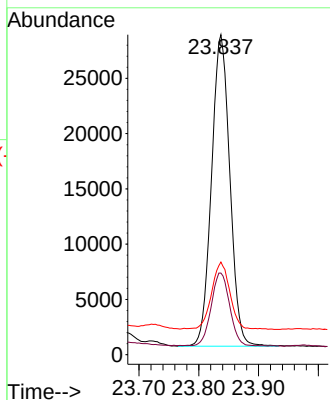
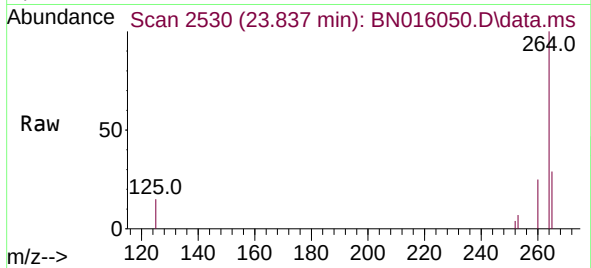




#35
 Perylene-d12
 Concen: 0.400 ng
 RT: 23.837 min Scan# 2530
 Delta R.T. -0.003 min
 Lab File: BN016050.D
 Acq: 25 Aug 2021 02:58

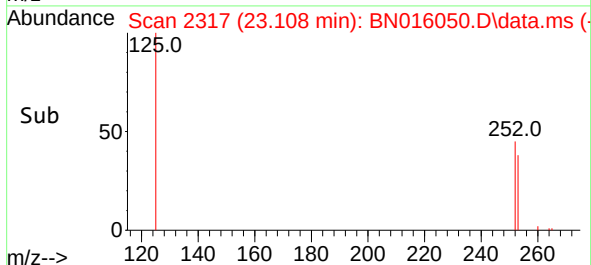
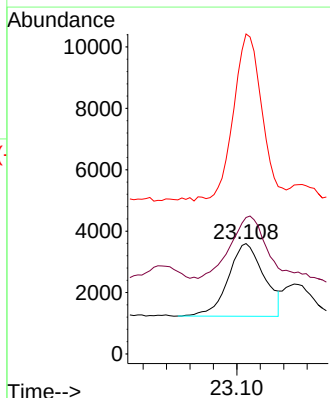
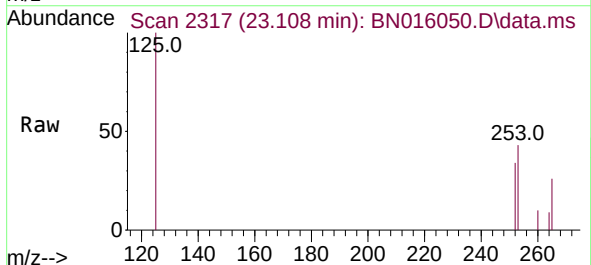
Instrument :
 BNA_N
 ClientSampleId :
 BP-TT-VPB-RW7-GW-480-482

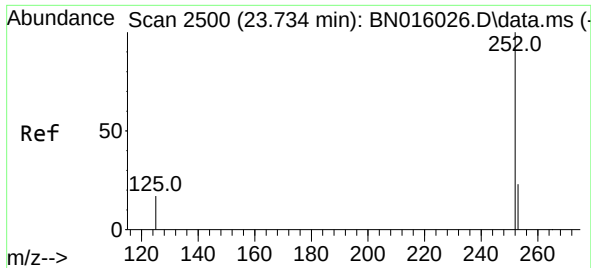
Tgt Ion:	264	Resp:	59949
Ion Ratio	Lower	Upper	
264	100		
260	25.5	19.0	28.4
265	29.0	22.7	34.1



#37
 Benzo(b)fluoranthene
 Concen: 0.023 ng
 RT: 23.108 min Scan# 2317
 Delta R.T. -0.003 min
 Lab File: BN016050.D
 Acq: 25 Aug 2021 02:58

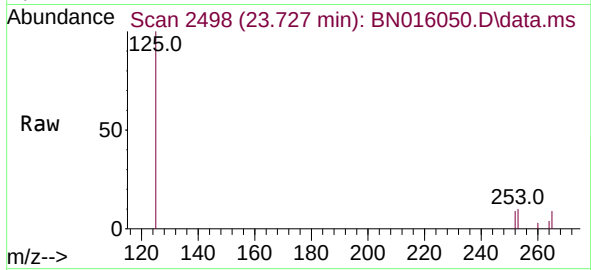
Tgt Ion:	252	Resp:	5023
Ion Ratio	Lower	Upper	
252	100		
253	123.7	18.6	28.0#
125	289.9	10.4	15.6#





#39
Benzo(a)pyrene
Concen: 0.020 ng
RT: 23.727 min Scan# 2498
Delta R.T. -0.007 min
Lab File: BN016050.D
Acq: 25 Aug 2021 02:58

Instrument :
BNA_N
ClientSampleId :
BP-TT-VPB-RW7-GW-480-482



Tgt Ion:252 Resp: 3707
Ion Ratio Lower Upper
252 100
253 110.9 19.2 28.8#
125 1132.9 14.2 21.2#

