

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN082521\
 Data File : BN016048.D
 Acq On : 25 Aug 2021 01:45
 Operator : CG/JU
 Sample : M3433-02
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 BP-TT-VPB-RW7-GW-65-67

Quant Time: Aug 25 04:20:00 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)

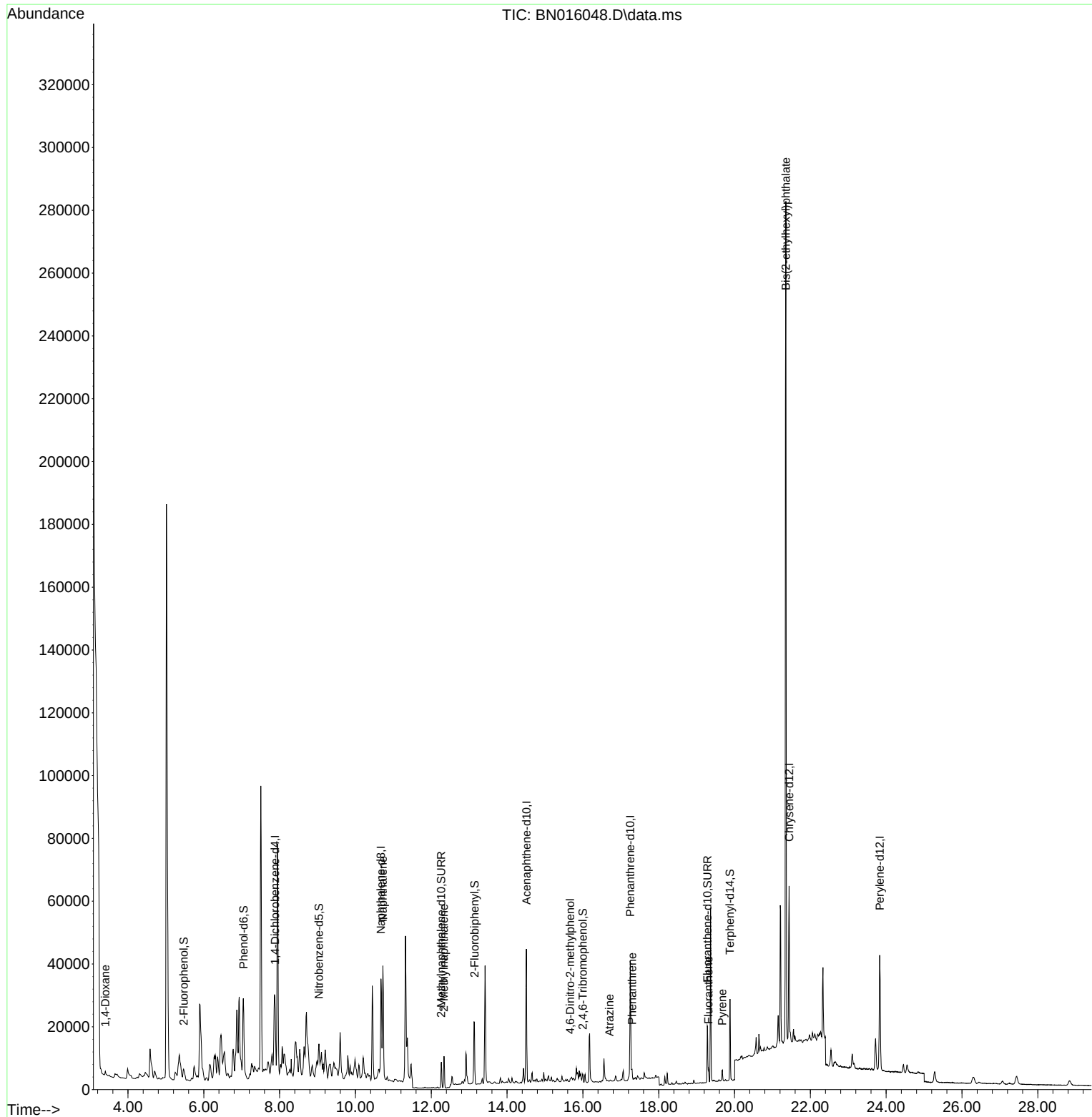
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.882	152	8023	0.400	ng	0.00
7) Naphthalene-d8	10.673	136	46020	0.400	ng	#-0.01
13) Acenaphthene-d10	14.510	164	26071	0.400	ng	0.00
19) Phenanthrene-d10	17.249	188	50937	0.400	ng	0.00
29) Chrysene-d12	21.440	240	49211	0.400	ng	0.00
35) Perylene-d12	23.830	264	52716	0.400	ng	0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.476	112	734	0.038	ng	0.02
5) Phenol-d6	7.052	99	1029	0.038	ng	0.00
8) Nitrobenzene-d5	9.038	82	11272	0.373	ng	0.00
11) 2-Methylnaphthalene-d10	12.265	152	11198	0.161	ng	0.00
14) 2,4,6-Tribromophenol	15.994	330	1401	0.189	ng	0.00
15) 2-Fluorobiphenyl	13.140	172	20185	0.192	ng	0.00
27) Fluoranthene-d10	19.286	212	21777	0.152	ng	0.00
31) Terphenyl-d14	19.882	244	28658	0.237	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.401	88	885	0.201	ng	# 92
9) Naphthalene	10.723	128	47786	0.395	ng	99
12) 2-Methylnaphthalene	12.336	142	7318	0.095	ng	96
20) 4,6-Dinitro-2-methylph...	15.664	198	11	0.111	ng	# 1
23) Atrazine	16.701	200	153	0.154	ng	# 34
25) Phenanthrene	17.297	178	4125	0.028	ng	# 90
28) Fluoranthene	19.311	202	3914	0.024	ng	# 89
30) Pyrene	19.678	202	3570	0.024	ng	# 90
34) Bis(2-ethylhexyl)phtha...	21.355	149	263313	6.607	ng	99

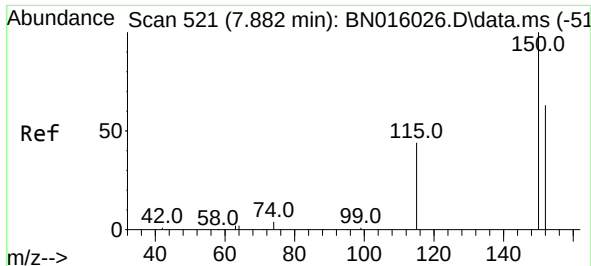
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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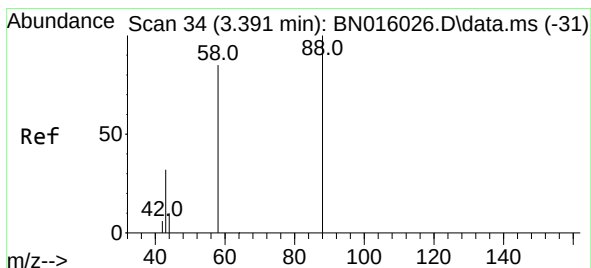
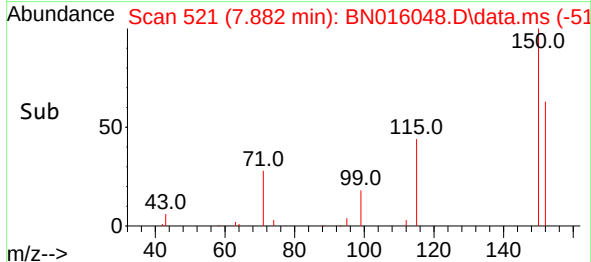
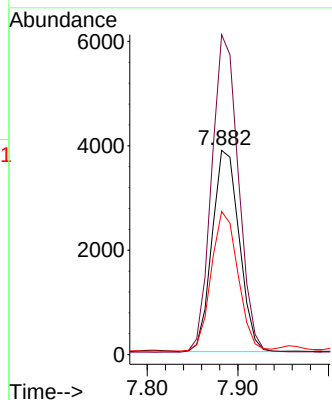
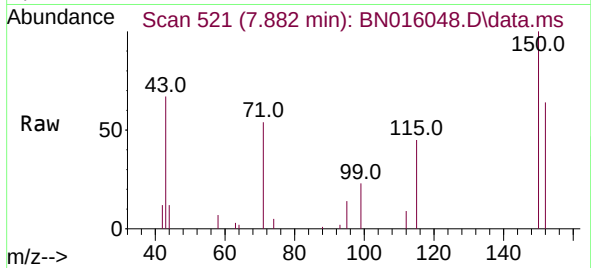




#1
 1,4-Dichlorobenzene-d4
 Concen: 0.400 ng
 RT: 7.882 min Scan# 521
 Delta R.T. 0.000 min
 Lab File: BN016048.D
 Acq: 25 Aug 2021 01:45

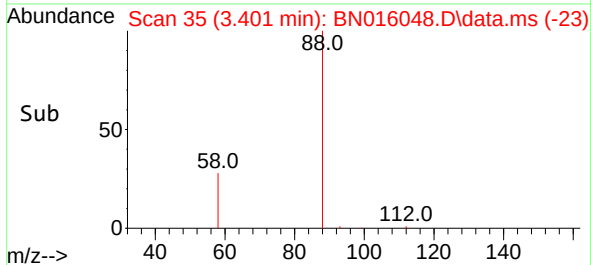
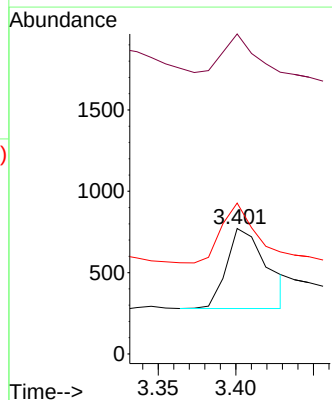
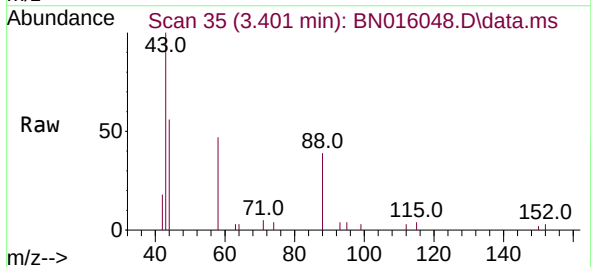
Instrument :
 BNA_N
 ClientSampleId :
 BP-TT-VPB-RW7-GW-65-67

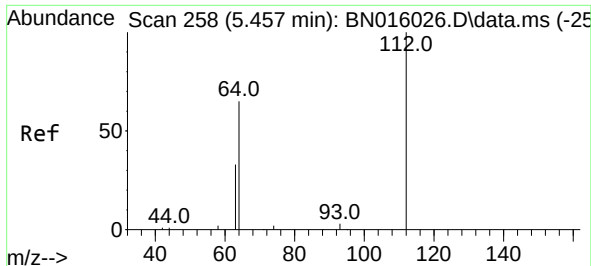
Tgt Ion: 152 Resp: 8023
 Ion Ratio Lower Upper
 152 100
 150 156.6 126.5 189.7
 115 70.1 56.5 84.7



#2
 1,4-Dioxane
 Concen: 0.201 ng
 RT: 3.401 min Scan# 35
 Delta R.T. 0.010 min
 Lab File: BN016048.D
 Acq: 25 Aug 2021 01:45

Tgt Ion: 88 Resp: 885
 Ion Ratio Lower Upper
 88 100
 43 34.2 21.0 31.4#
 58 64.3 54.8 82.2

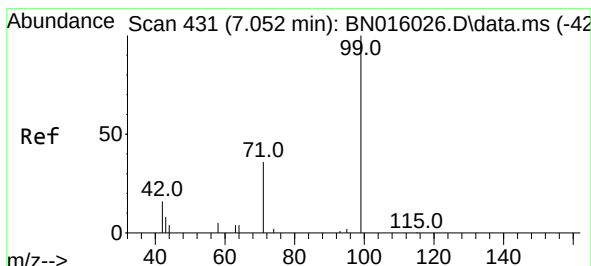
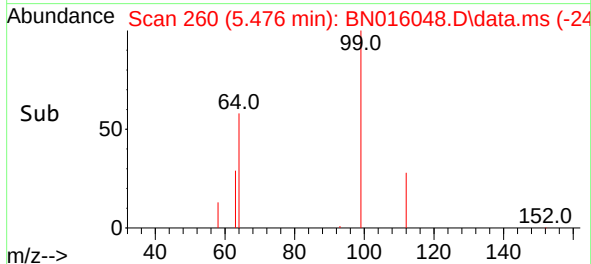
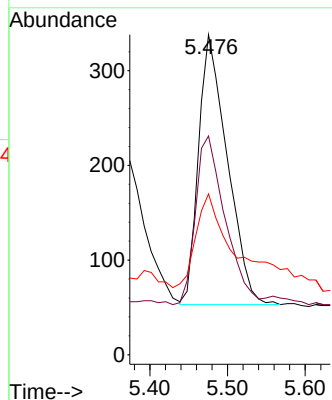
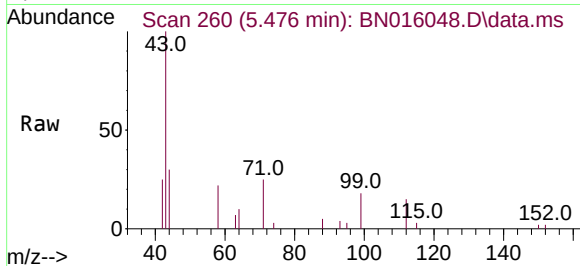




#4
2-Fluorophenol
Concen: 0.038 ng
RT: 5.476 min Scan# 260
Delta R.T. 0.019 min
Lab File: BN016048.D
Acq: 25 Aug 2021 01:45

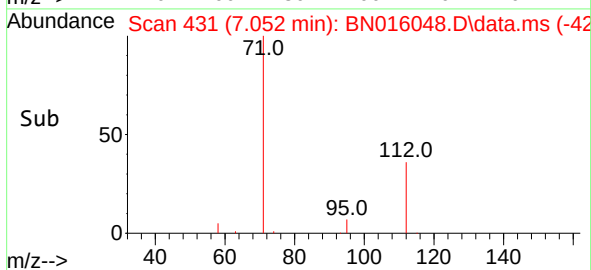
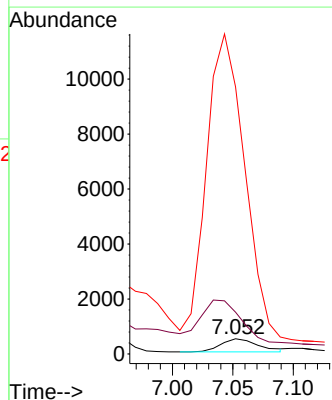
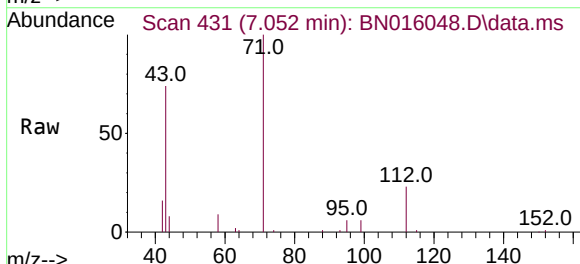
Instrument :
BNA_N
ClientSampleId :
BP-TT-VPB-RW7-GW-65-67

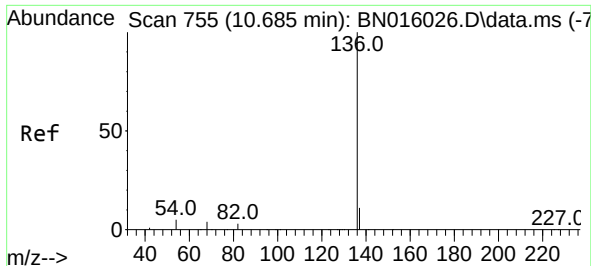
Tgt Ion:112 Resp: 734
Ion Ratio Lower Upper
112 100
64 64.7 52.5 78.7
63 45.4 26.9 40.3#



#5
Phenol-d6
Concen: 0.038 ng
RT: 7.052 min Scan# 431
Delta R.T. 0.000 min
Lab File: BN016048.D
Acq: 25 Aug 2021 01:45

Tgt Ion: 99 Resp: 1029
Ion Ratio Lower Upper
99 100
42 383.9 15.6 23.4#
71 2402.3 29.8 44.8#

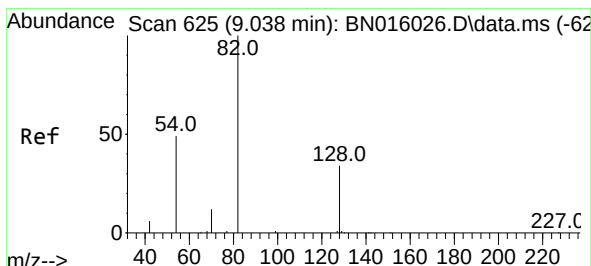
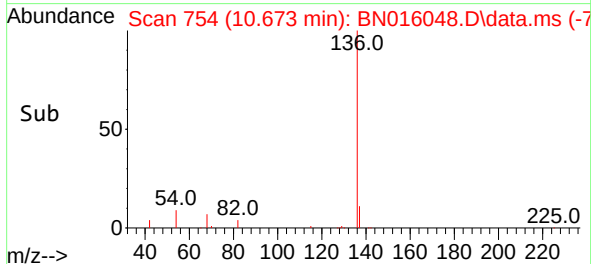
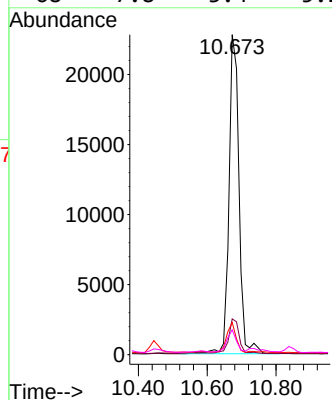
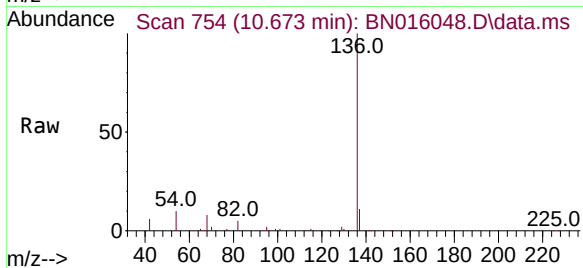




#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.673 min Scan# 754
Delta R.T. -0.012 min
Lab File: BN016048.D
Acq: 25 Aug 2021 01:45

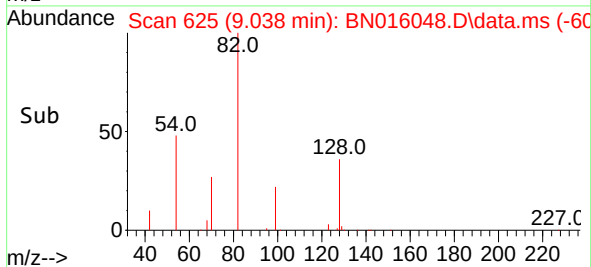
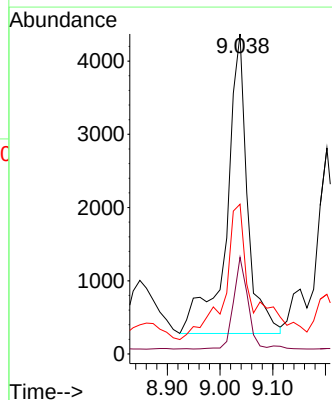
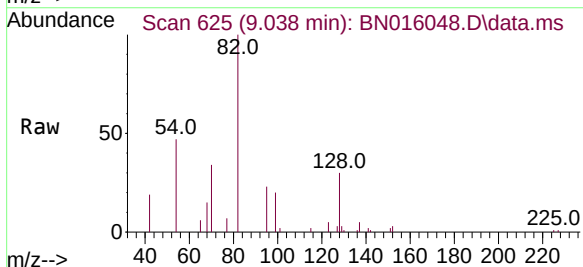
Instrument :
BNA_N
ClientSampleId :
BP-TT-VPB-RW7-GW-65-67

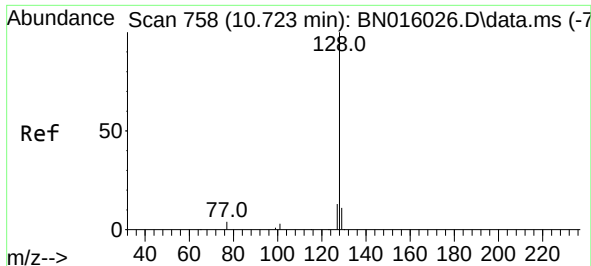
Tgt Ion:	136	Resp:	46020
Ion Ratio	Lower	Upper	
136	100		
137	11.2	8.9	13.3
54	10.0	4.2	6.4#
68	7.8	3.4	5.2#



#8
Nitrobenzene-d5
Concen: 0.373 ng
RT: 9.038 min Scan# 625
Delta R.T. 0.000 min
Lab File: BN016048.D
Acq: 25 Aug 2021 01:45

Tgt Ion:	82	Resp:	11272
Ion Ratio	Lower	Upper	
82	100		
128	30.2	27.7	41.5
54	46.8	39.4	59.2

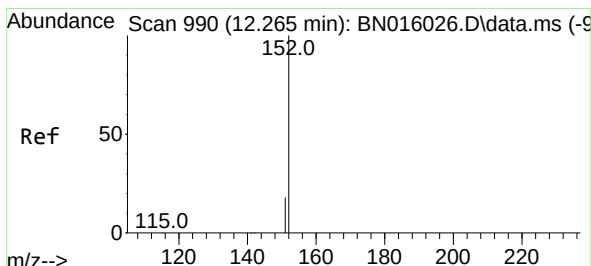
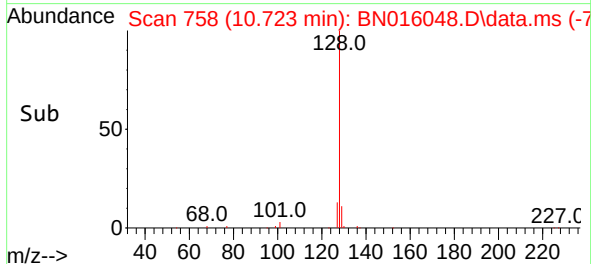
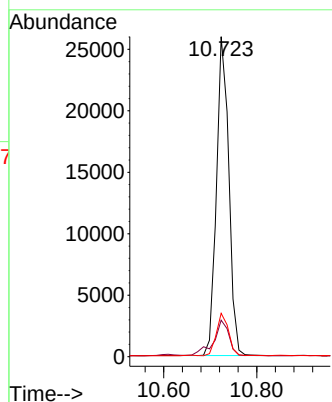
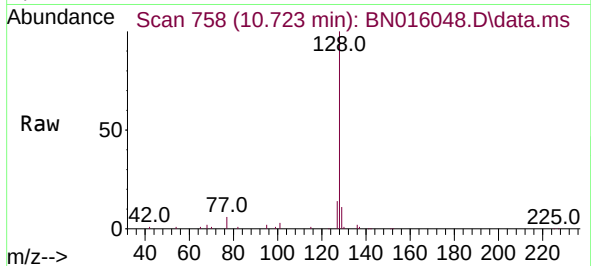




#9
Naphthalene
Concen: 0.395 ng
RT: 10.723 min Scan# 758
Delta R.T. 0.000 min
Lab File: BN016048.D
Acq: 25 Aug 2021 01:45

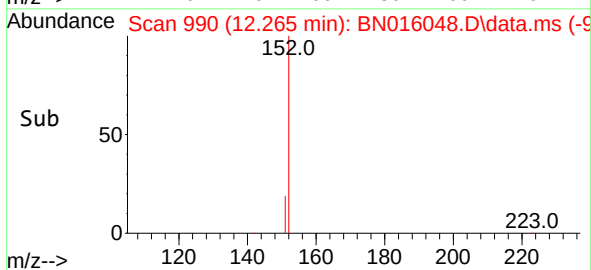
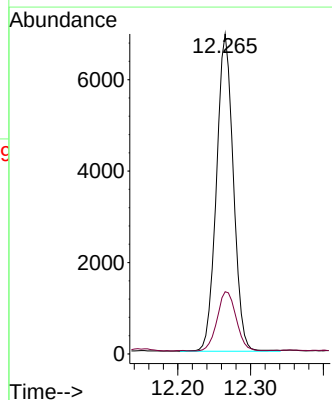
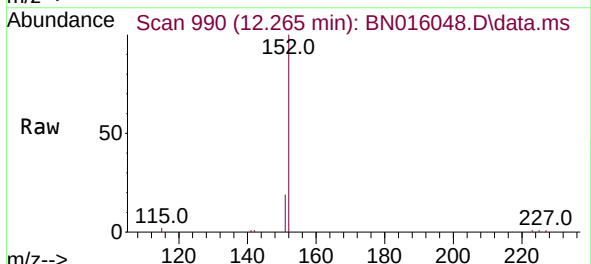
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BNA_N
ClientSampleId :
BP-TT-VPB-RW7-GW-65-67

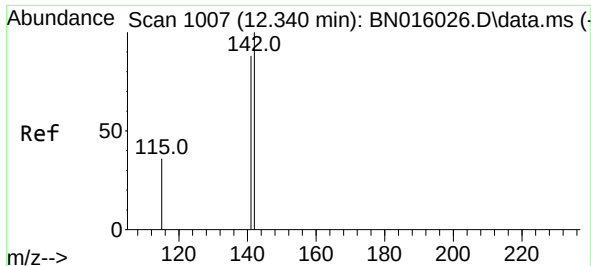
Tgt Ion:128 Resp: 47786
Ion Ratio Lower Upper
128 100
129 11.4 8.9 13.3
127 13.6 10.7 16.1



#11
2-Methylnaphthalene-d10
Concen: 0.161 ng
RT: 12.265 min Scan# 990
Delta R.T. 0.000 min
Lab File: BN016048.D
Acq: 25 Aug 2021 01:45

Tgt Ion:152 Resp: 11198
Ion Ratio Lower Upper
152 100
151 21.0 16.6 24.8

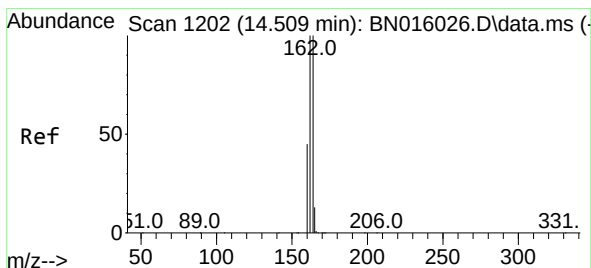
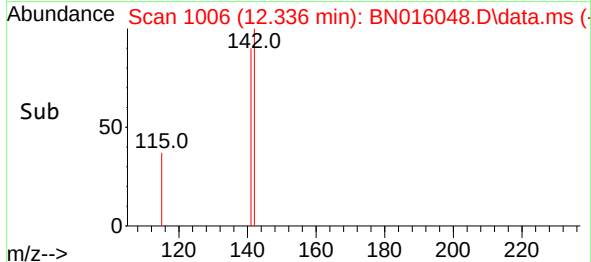
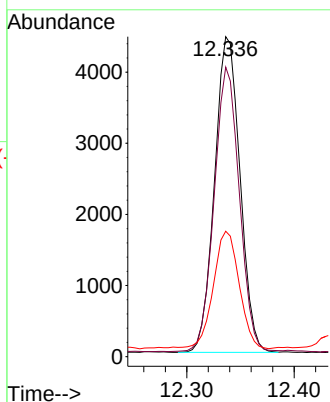
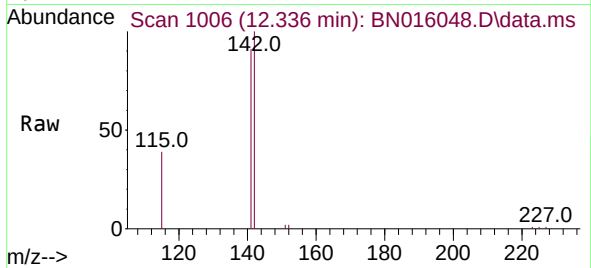




#12
2-Methylnaphthalene
Concen: 0.095 ng
RT: 12.336 min Scan# 1006
Delta R.T. -0.004 min
Lab File: BN016048.D
Acq: 25 Aug 2021 01:45

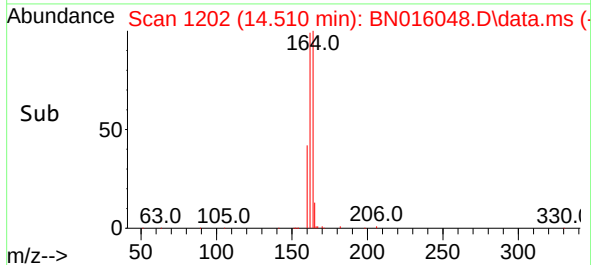
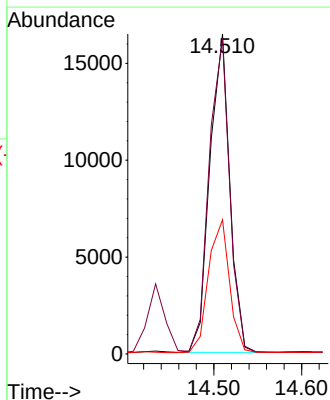
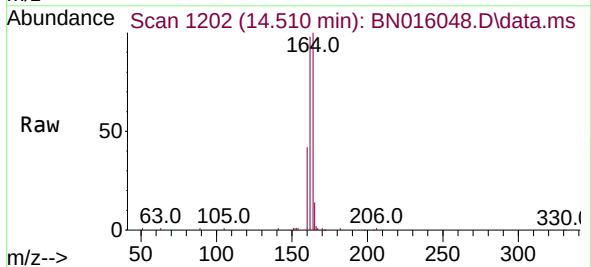
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BNA_N
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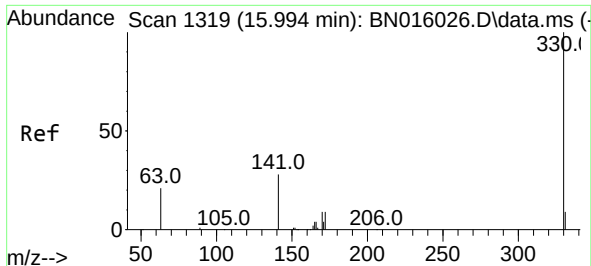
Tgt Ion:	142	Resp:	7318
Ion Ratio	Lower	Upper	
142	100		
141	90.5	70.3	105.5
115	39.2	28.7	43.1



#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.510 min Scan# 1202
Delta R.T. 0.000 min
Lab File: BN016048.D
Acq: 25 Aug 2021 01:45

Tgt Ion:	164	Resp:	26071
Ion Ratio	Lower	Upper	
164	100		
162	98.5	80.2	120.4
160	42.0	35.9	53.9

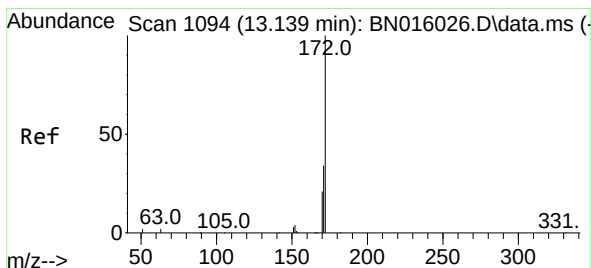
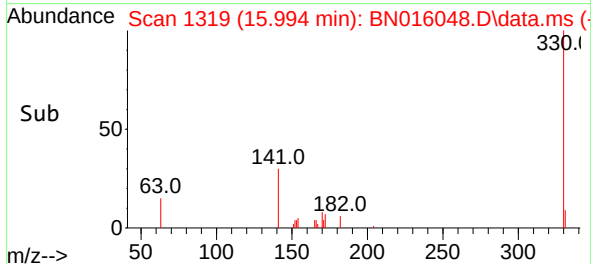
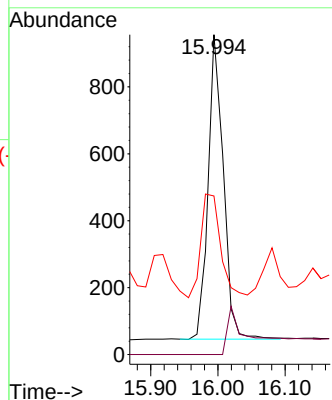
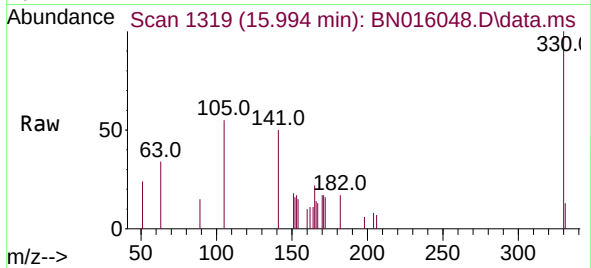




#14
2,4,6-Tribromophenol
Concen: 0.189 ng
RT: 15.994 min Scan# 1319
Delta R.T. 0.000 min
Lab File: BN016048.D
Acq: 25 Aug 2021 01:45

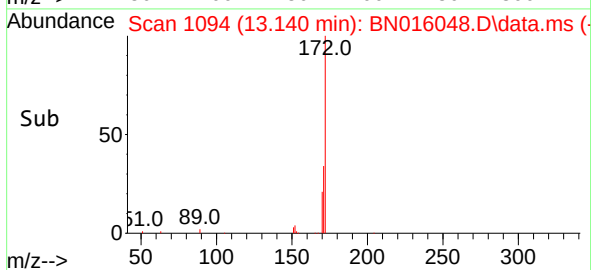
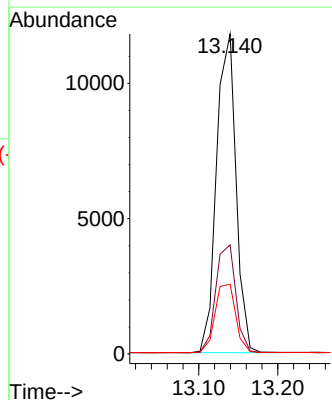
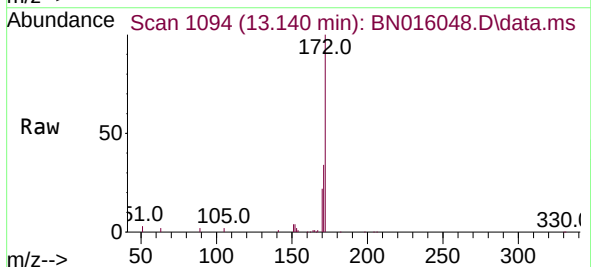
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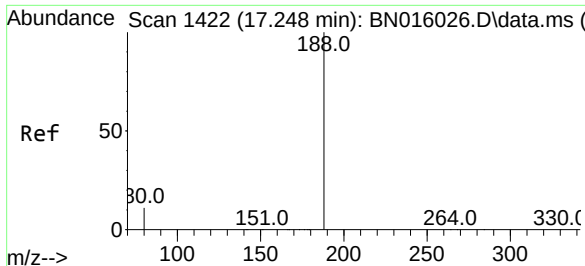
Tgt Ion:330 Resp: 1401
Ion Ratio Lower Upper
330 100
332 0.0 0.0 0.0
141 44.7 24.6 36.8#



#15
2-Fluorobiphenyl
Concen: 0.192 ng
RT: 13.140 min Scan# 1094
Delta R.T. 0.000 min
Lab File: BN016048.D
Acq: 25 Aug 2021 01:45

Tgt Ion:172 Resp: 20185
Ion Ratio Lower Upper
172 100
171 34.1 27.1 40.7
170 21.8 17.3 25.9

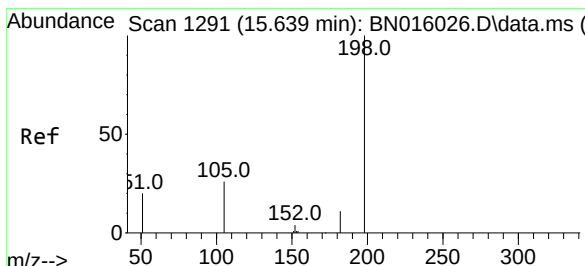
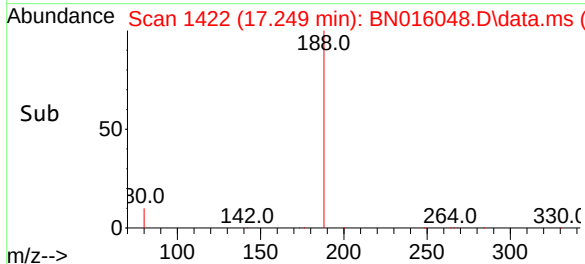
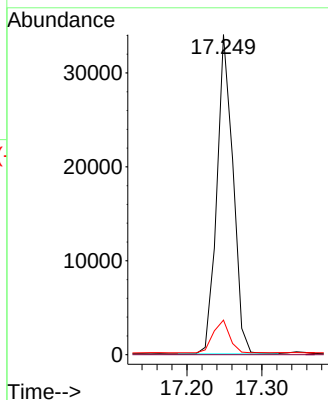
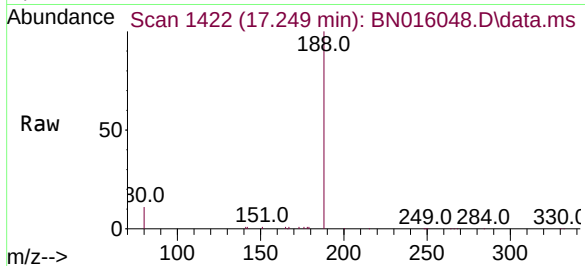




#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.249 min Scan# 1422
Delta R.T. 0.000 min
Lab File: BN016048.D
Acq: 25 Aug 2021 01:45

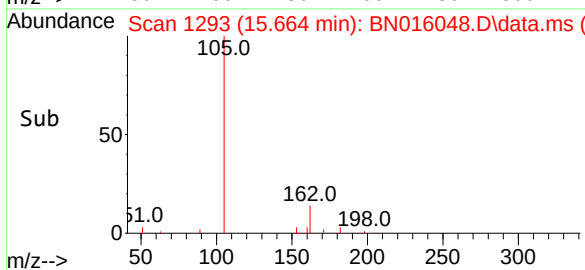
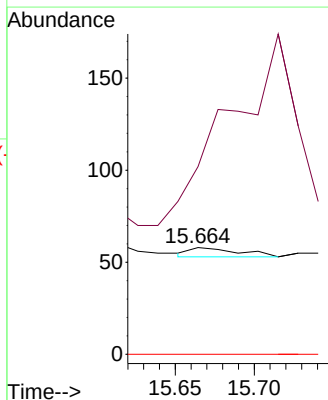
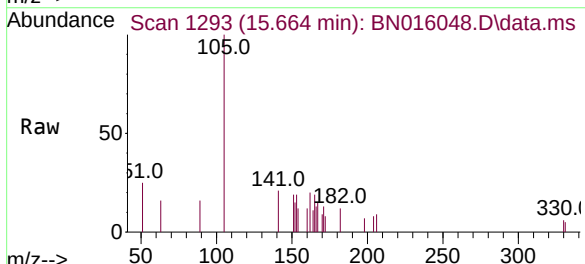
Instrument :
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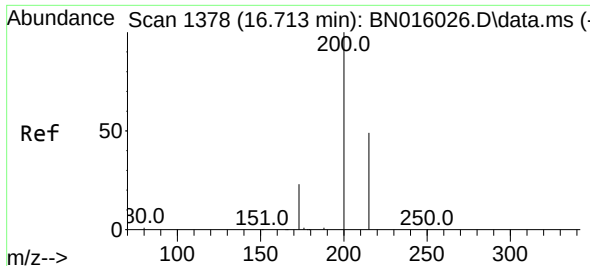
Tgt Ion:188	Resp:	50937
Ion Ratio	Lower	Upper
188	100	
94	0.0	0.0
80	10.8	13.6



#20
4,6-Dinitro-2-methylphenol
Concen: 0.111 ng
RT: 15.664 min Scan# 1293
Delta R.T. 0.025 min
Lab File: BN016048.D
Acq: 25 Aug 2021 01:45

Tgt Ion:198	Resp:	11
Ion Ratio	Lower	Upper
198	100	
182	175.9	16.8
77	0.0	0.0

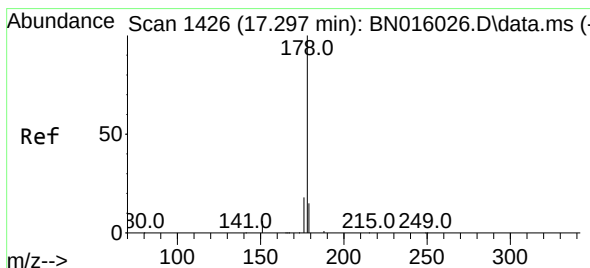
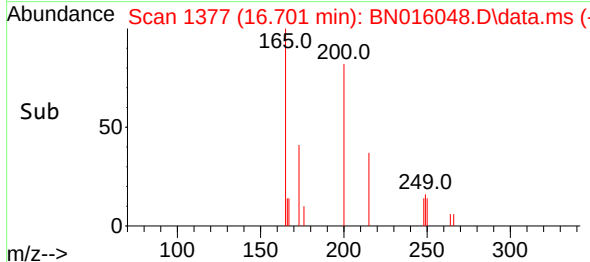
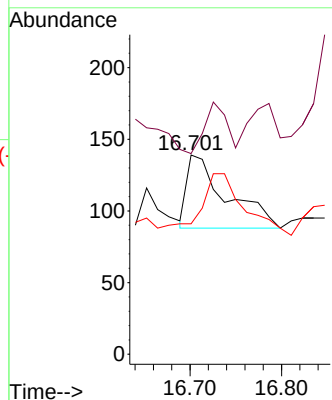
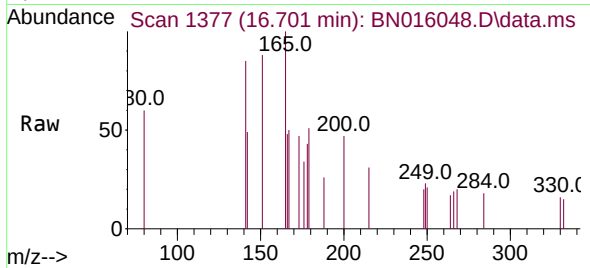




#23
Atrazine
Concen: 0.154 ng
RT: 16.701 min Scan# 1377
Delta R.T. -0.012 min
Lab File: BN016048.D
Acq: 25 Aug 2021 01:45

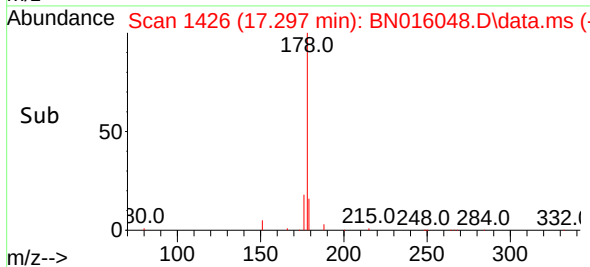
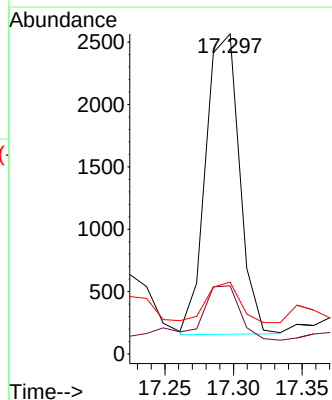
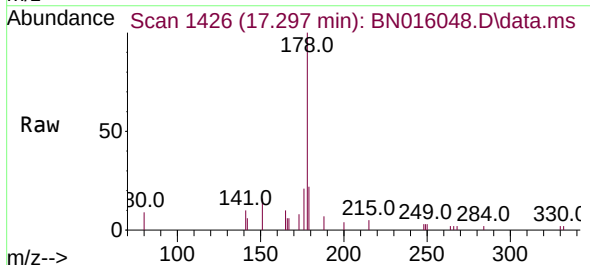
Instrument :
BNA_N
ClientSampleId :
BP-TT-VPB-RW7-GW-65-67

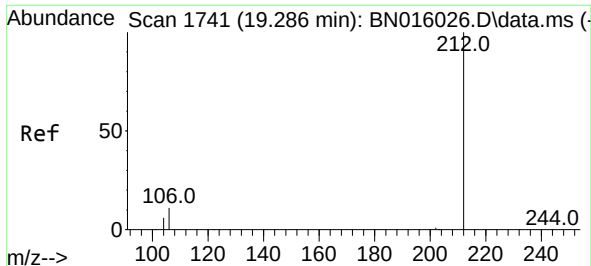
Tgt Ion:200 Resp: 153
Ion Ratio Lower Upper
200 100
173 100.7 19.7 29.5#
215 65.5 39.5 59.3#



#25
Phenanthrene
Concen: 0.028 ng
RT: 17.297 min Scan# 1426
Delta R.T. 0.000 min
Lab File: BN016048.D
Acq: 25 Aug 2021 01:45

Tgt Ion:178 Resp: 4125
Ion Ratio Lower Upper
178 100
176 24.8 14.7 22.1#
179 14.2 12.6 19.0

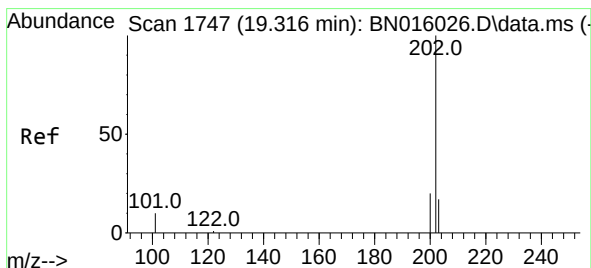
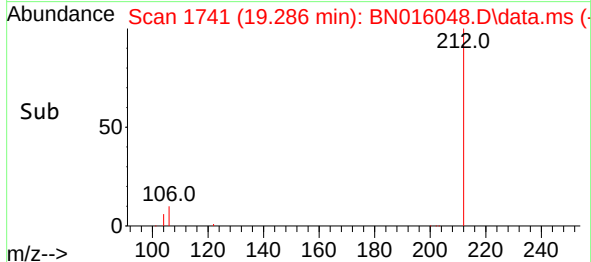
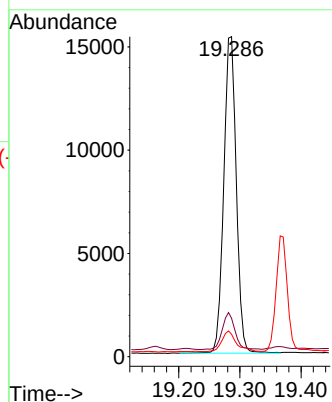
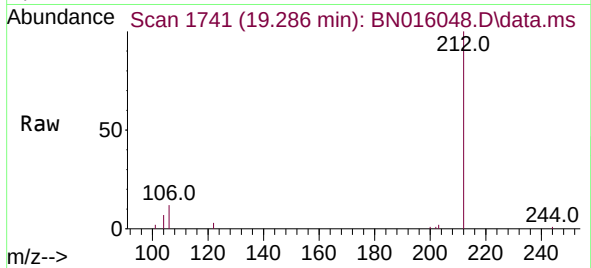




#27
Fluoranthene-d10
Concen: 0.152 ng
RT: 19.286 min Scan# 1741
Delta R.T. 0.000 min
Lab File: BN016048.D
Acq: 25 Aug 2021 01:45

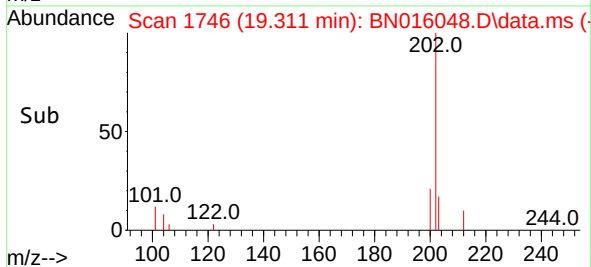
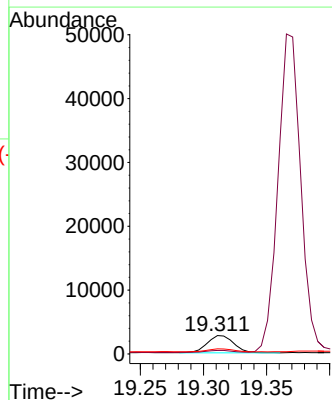
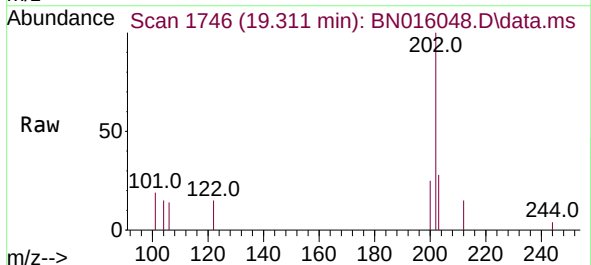
Instrument :
BNA_N
ClientSampleId :
BP-TT-VPB-RW7-GW-65-67

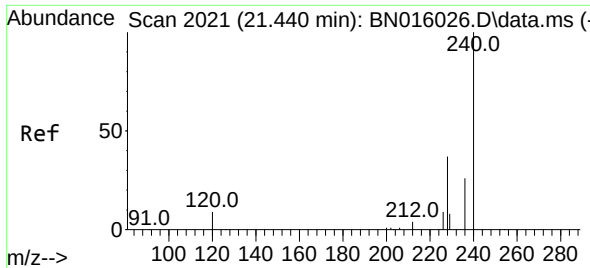
Tgt Ion:212 Resp: 21777
Ion Ratio Lower Upper
212 100
106 11.6 9.4 14.2
104 7.4 5.4 8.0



#28
Fluoranthene
Concen: 0.024 ng
RT: 19.311 min Scan# 1746
Delta R.T. -0.005 min
Lab File: BN016048.D
Acq: 25 Aug 2021 01:45

Tgt Ion:202 Resp: 3914
Ion Ratio Lower Upper
202 100
101 0.0 8.4 12.6#
203 17.5 14.0 21.0

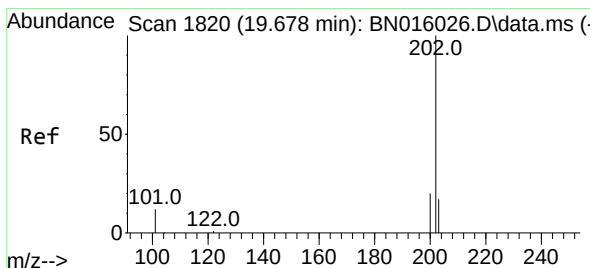
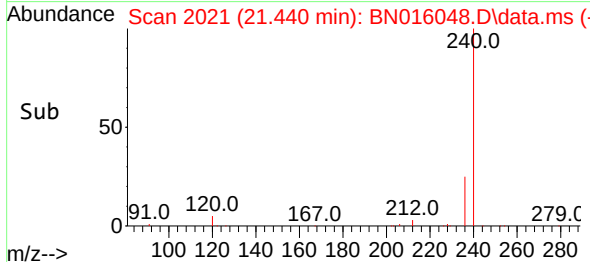
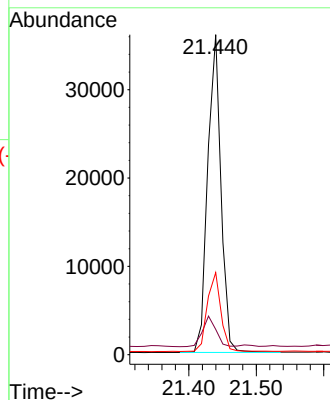
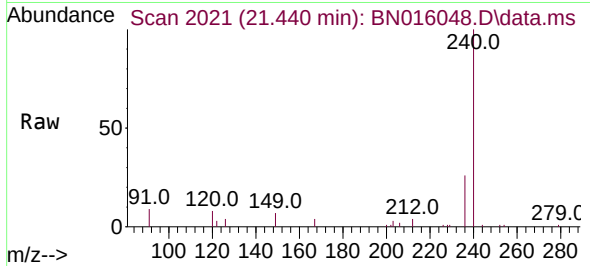




#29
Chrysene-d12
Concen: 0.400 ng
RT: 21.440 min Scan# 2021
Delta R.T. -0.000 min
Lab File: BN016048.D
Acq: 25 Aug 2021 01:45

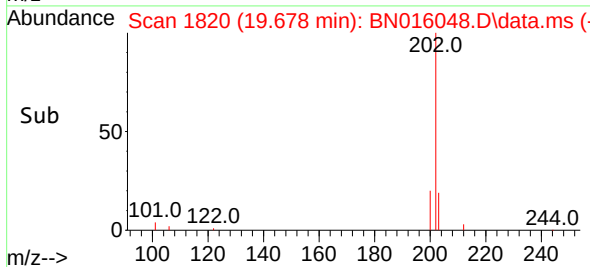
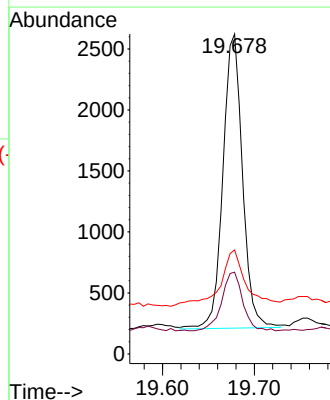
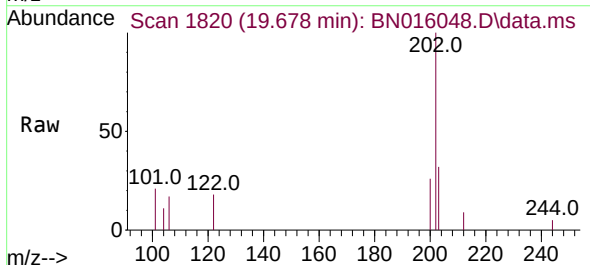
Instrument :
BNA_N
ClientSampleId :
BP-TT-VPB-RW7-GW-65-67

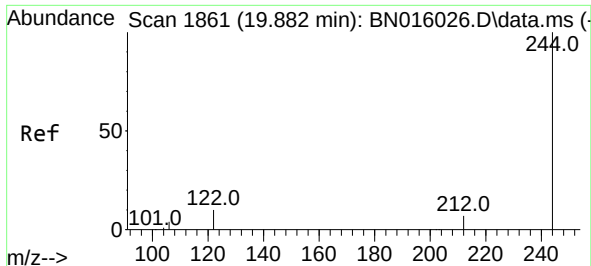
Tgt Ion:240	Resp:	49211
Ion Ratio	Lower	Upper
240	100	
120	7.9	7.8 11.6
236	25.6	21.0 31.6



#30
Pyrene
Concen: 0.024 ng
RT: 19.678 min Scan# 1820
Delta R.T. 0.000 min
Lab File: BN016048.D
Acq: 25 Aug 2021 01:45

Tgt Ion:202	Resp:	3570
Ion Ratio	Lower	Upper
202	100	
200	21.4	16.1 24.1
203	25.2	14.1 21.1#

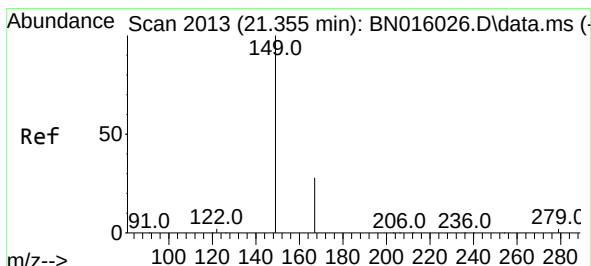
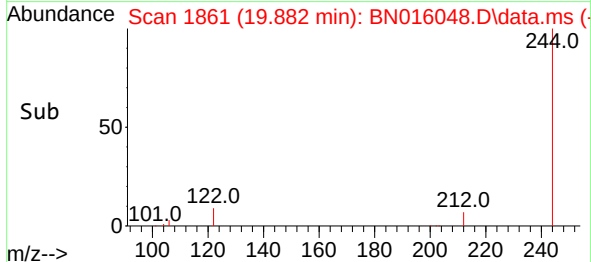
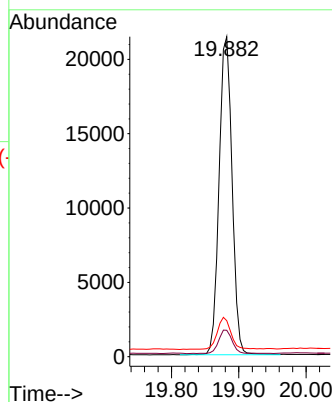
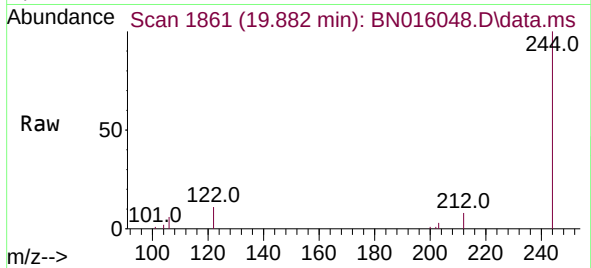




#31
 Terphenyl-d14
 Concen: 0.237 ng
 RT: 19.882 min Scan# 1861
 Delta R.T. 0.000 min
 Lab File: BN016048.D
 Acq: 25 Aug 2021 01:45

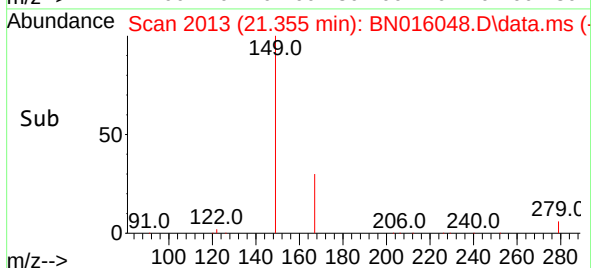
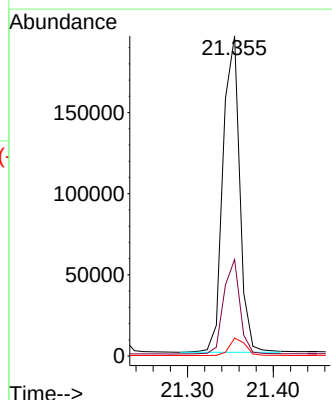
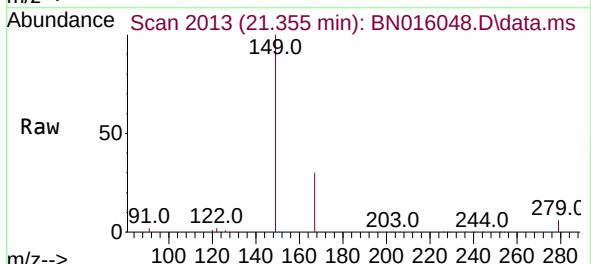
Instrument :
 BNA_N
 ClientSampleId :
 BP-TT-VPB-RW7-GW-65-67

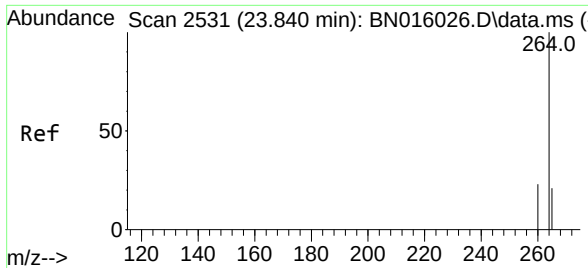
Tgt Ion:244 Resp: 28658
 Ion Ratio Lower Upper
 244 100
 212 8.3 6.0 9.0
 122 11.3 8.5 12.7



#34
 Bis(2-ethylhexyl)phthalate
 Concen: 6.607 ng
 RT: 21.355 min Scan# 2013
 Delta R.T. 0.000 min
 Lab File: BN016048.D
 Acq: 25 Aug 2021 01:45

Tgt Ion:149 Resp: 263313
 Ion Ratio Lower Upper
 149 100
 167 29.0 22.8 34.2
 279 5.3 4.1 6.1





#35
 Perylene-d12
 Concen: 0.400 ng
 RT: 23.830 min Scan# 2528
 Delta R.T. -0.010 min
 Lab File: BN016048.D
 Acq: 25 Aug 2021 01:45

Instrument :
 BNA_N
ClientSampleId :
 BP-TT-VPB-RW7-GW-65-67

Tgt Ion:264	Resp:	52716
Ion Ratio	Lower	Upper
264	100	
260	24.3	19.0 28.4
265	26.3	22.7 34.1

