

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN050721\
 Data File : BN014548.D
 Acq On : 07 May 2021 21:34
 Operator : CG/JU
 Sample : M2251-07
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 BP-VPB-RW8-GW-578-580

Quant Time: May 08 01:12:26 2021
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\8270-SIM-BN050721.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri May 07 17:32:10 2021
 Response via : Initial Calibration

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

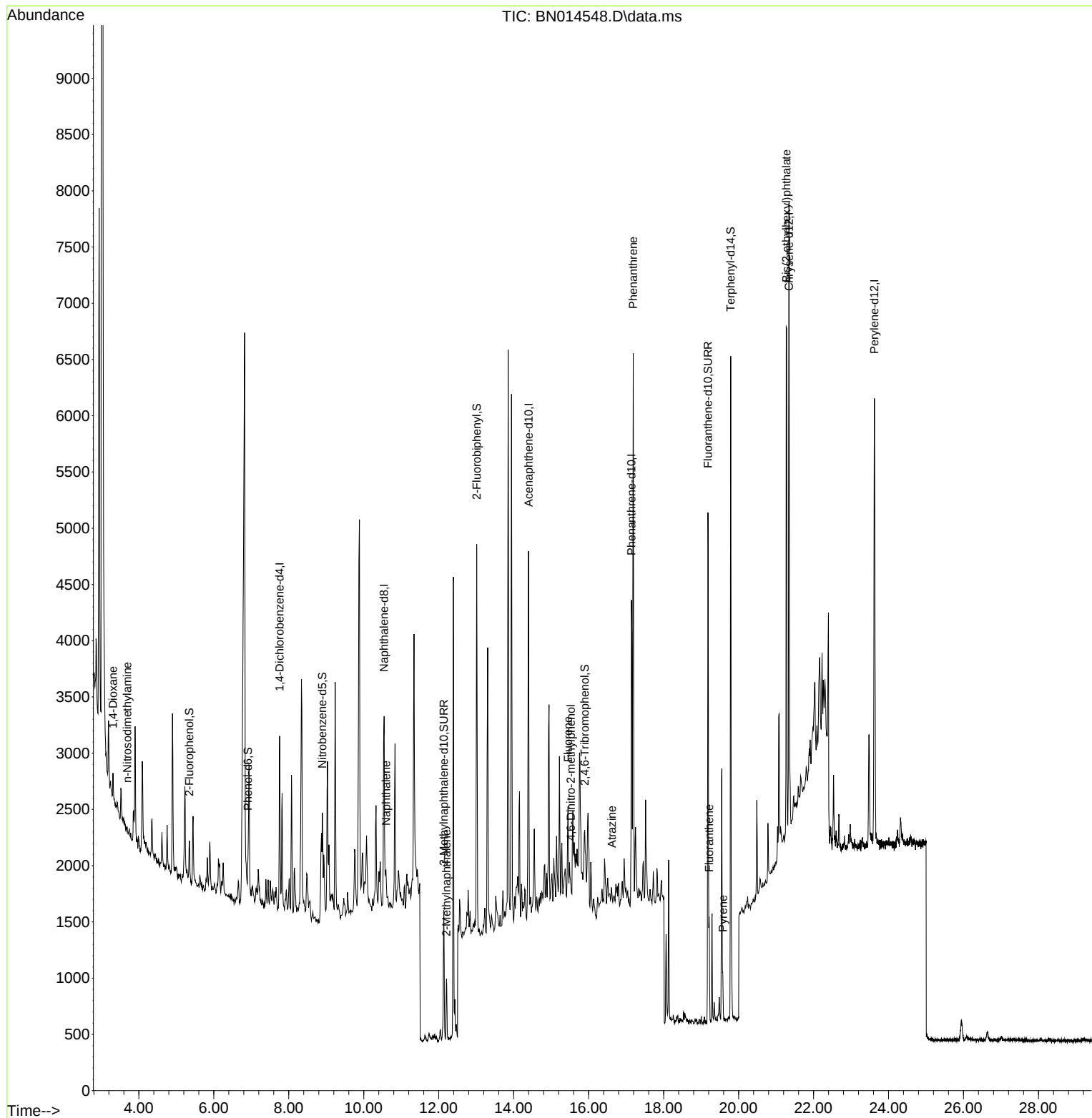
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.757	152	670	0.40	ng	# 0.00
7) Naphthalene-d8	10.543	136	2384	0.40	ng	# 0.00
13) Acenaphthene-d10	14.397	164	1765	0.40	ng	0.00
19) Phenanthrene-d10	17.141	188	4036	0.40	ng	#-0.01
29) Chrysene-d12	21.346	240	5142	0.40	ng	0.00
35) Perylene-d12	23.623	264	5087	0.40	ng	# 0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.349	112	285	0.15	ng	0.00
5) Phenol-d6	6.911	99	234	0.09	ng	0.00
8) Nitrobenzene-d5	8.895	82	1178	0.60	ng	-0.01
11) 2-Methylnaphthalene-d10	12.133	152	1535	0.27	ng	0.00
14) 2,4,6-Tribromophenol	15.894	330	358	0.45	ng	0.00
15) 2-Fluorobiphenyl	13.014	172	2426	0.38	ng	-0.01
27) Fluoranthene-d10	19.183	212	5296	0.31	ng	0.00
31) Terphenyl-d14	19.789	244	5867	0.46	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.311	88	221	0.26	ng	# 70
3) n-Nitrosodimethylamine	3.690	42	8	0.03	ng	# 1
9) Naphthalene	10.594	128	283	0.04	ng	# 25
12) 2-Methylnaphthalene	12.204	142	361	0.08	ng	# 79
18) Fluorene	15.450	166	576	0.09	ng	# 95
20) 4,6-Dinitro-2-methylph...	15.526	198	5	0.21	ng	# 1
23) Atrazine	16.617	200	76	0.04	ng	# 55
25) Phenanthrene	17.189	178	4816	0.45	ng	98
28) Fluoranthene	19.213	202	794	0.06	ng	# 94
30) Pyrene	19.581	202	370	0.03	ng	# 89
34) Bis(2-ethylhexyl)phtha...	21.271	149	4682	0.85	ng	# 81

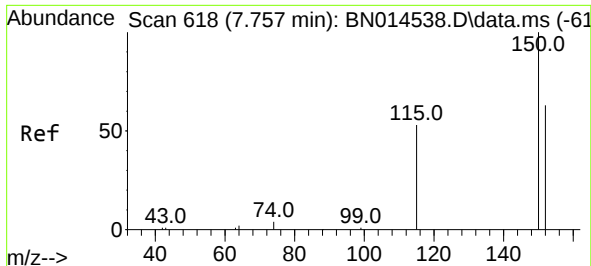
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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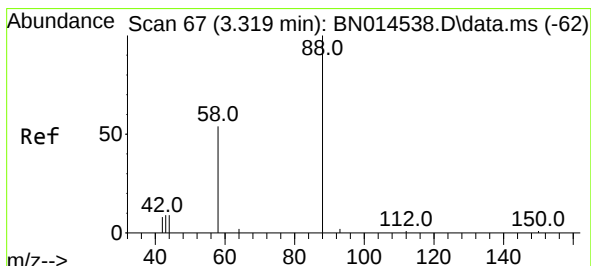
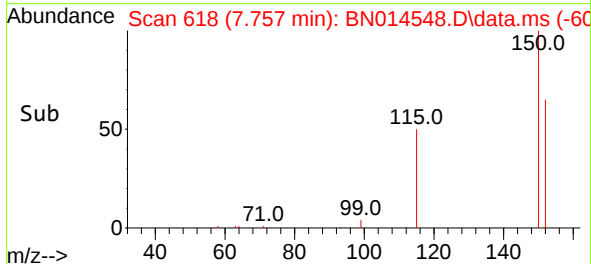
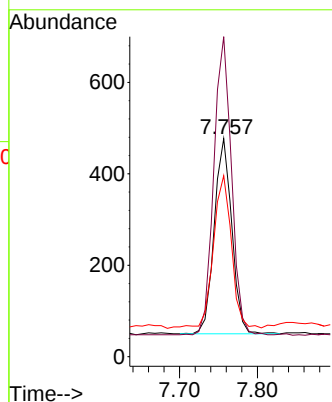
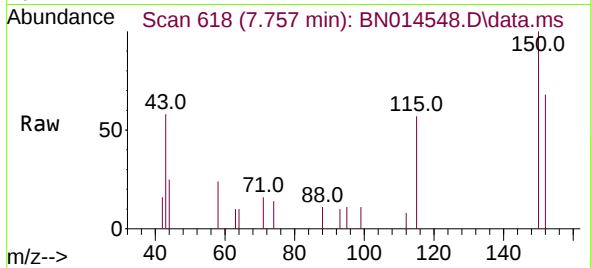




#1
 1,4-Dichlorobenzene-d4
 Concen: 0.40 ng
 RT: 7.757 min Scan# 618
 Delta R.T. -0.000 min
 Lab File: BN014548.D
 Acq: 07 May 2021 21:34

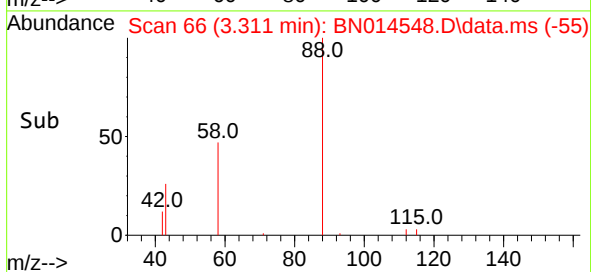
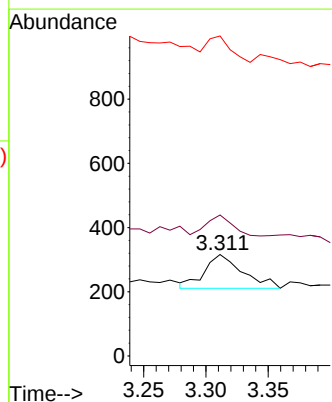
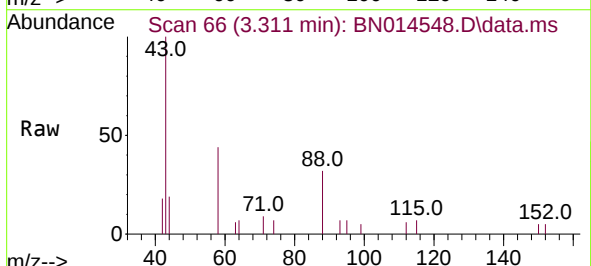
Instrument :
 BNA_N
 ClientSampleId :
 BP-VPB-RW8-GW-578-580

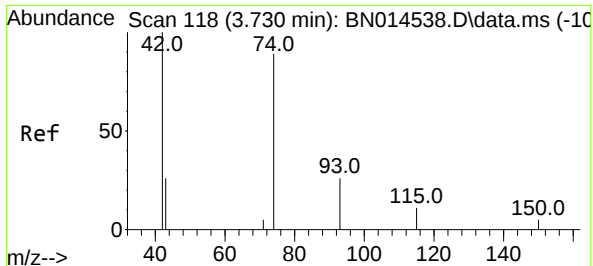
Tgt Ion:152 Resp: 670
 Ion Ratio Lower Upper
 152 100
 150 146.8 123.8 185.8
 115 83.0 47.0 70.4#



#2
 1,4-Dioxane
 Concen: 0.26 ng
 RT: 3.311 min Scan# 66
 Delta R.T. -0.008 min
 Lab File: BN014548.D
 Acq: 07 May 2021 21:34

Tgt Ion: 88 Resp: 221
 Ion Ratio Lower Upper
 88 100
 58 41.2 44.4 66.6#
 43 46.2 15.9 23.9#





#3

n-Nitrosodimethylamine

Concen: 0.03 ng

RT: 3.690 min Scan# 113

Delta R.T. -0.040 min

Lab File: BN014548.D

Acq: 07 May 2021 21:34

Tgt Ion: 42 Resp: 8

Ion Ratio Lower Upper

42 100

74 37.5 175.1 262.7#

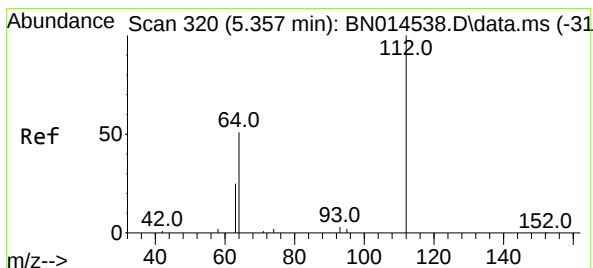
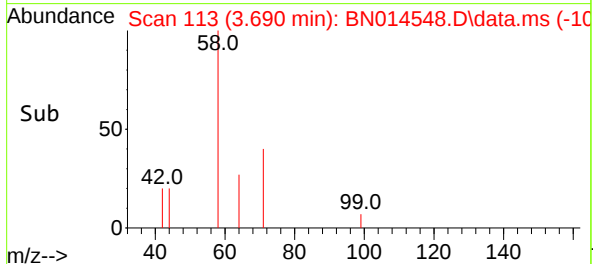
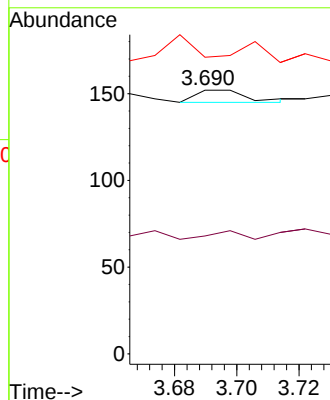
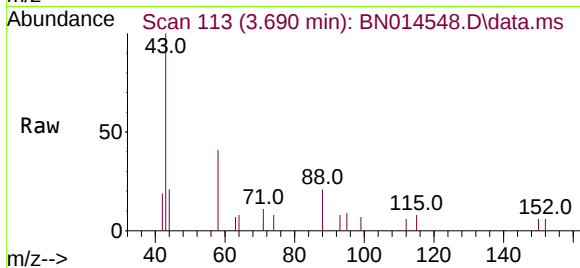
44 0.0 7.5 11.3#

Instrument :

BNA_N

ClientSampleId :

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#4

2-Fluorophenol

Concen: 0.15 ng

RT: 5.349 min Scan# 319

Delta R.T. -0.008 min

Lab File: BN014548.D

Acq: 07 May 2021 21:34

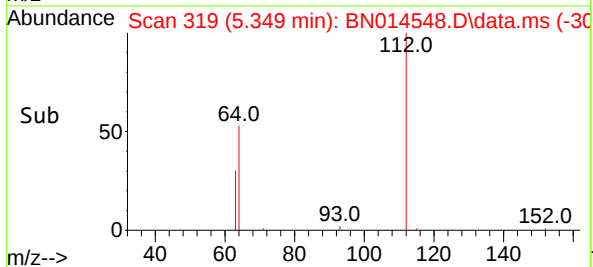
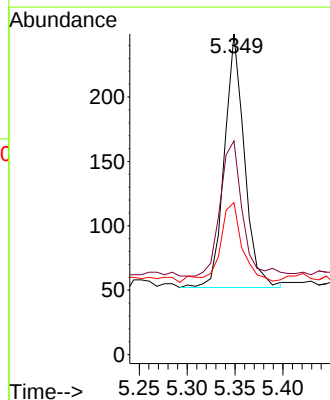
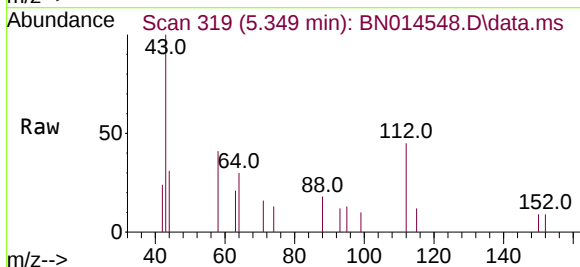
Tgt Ion: 112 Resp: 285

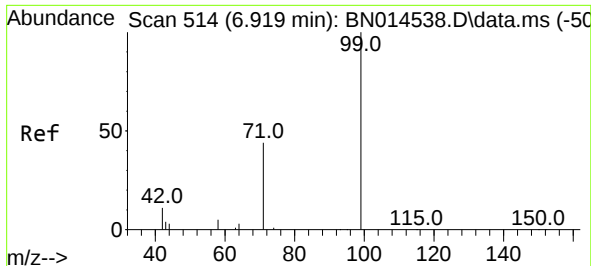
Ion Ratio Lower Upper

112 100

64 59.6 41.8 62.6

63 35.8 22.0 33.0#

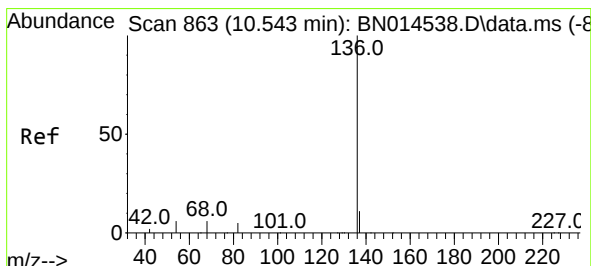
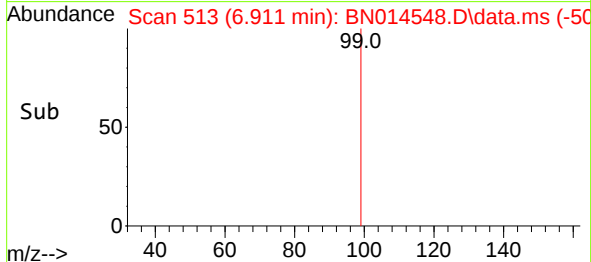
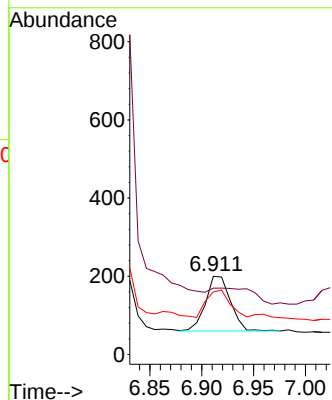
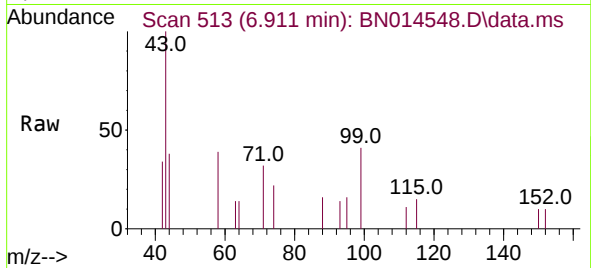




#5
Phenol-d6
Concen: 0.09 ng
RT: 6.911 min Scan# 513
Delta R.T. -0.008 min
Lab File: BN014548.D
Acq: 07 May 2021 21:34

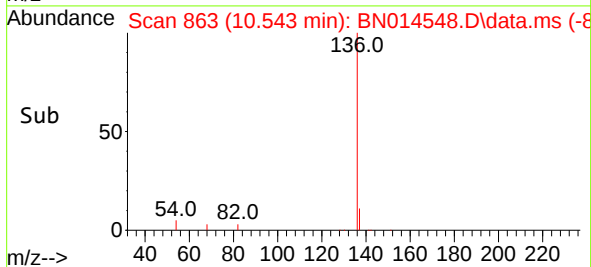
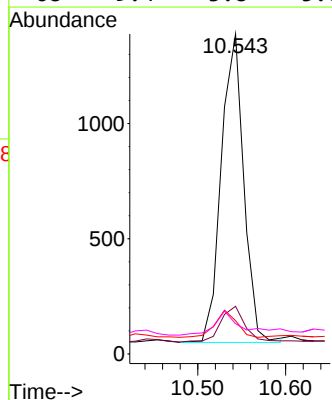
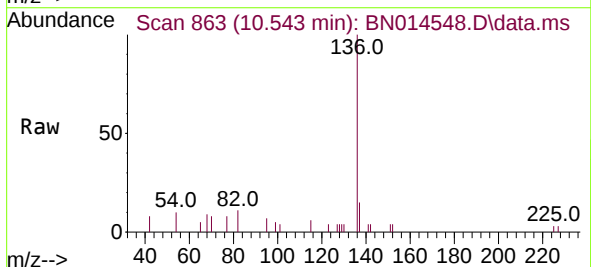
Instrument :
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ClientSampleId :
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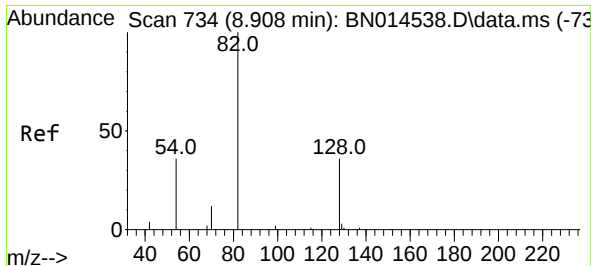
Tgt Ion: 99 Resp: 234
Ion Ratio Lower Upper
99 100
42 49.1 13.2 19.8#
71 53.8 26.2 39.2#



#7
Naphthalene-d8
Concen: 0.40 ng
RT: 10.543 min Scan# 863
Delta R.T. 0.000 min
Lab File: BN014548.D
Acq: 07 May 2021 21:34

Tgt Ion: 136 Resp: 2384
Ion Ratio Lower Upper
136 100
137 14.9 8.9 13.3#
54 10.4 3.8 5.8#
68 9.4 3.8 5.6#

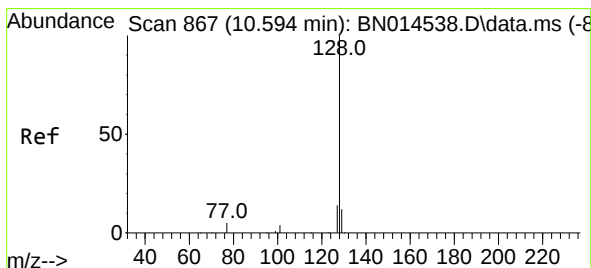
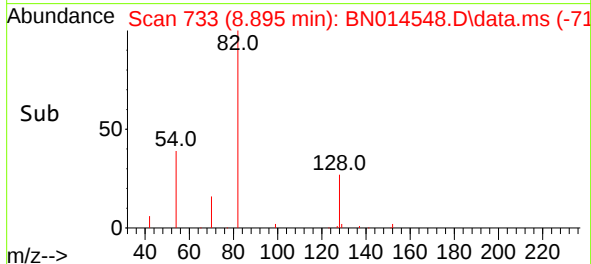
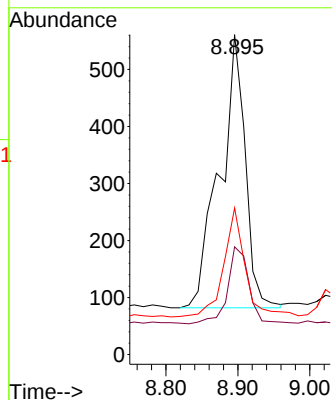
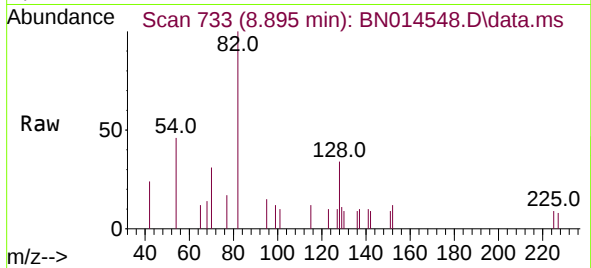




#8
Nitrobenzene-d5
Concen: 0.60 ng
RT: 8.895 min Scan# 733
Delta R.T. -0.013 min
Lab File: BN014548.D
Acq: 07 May 2021 21:34

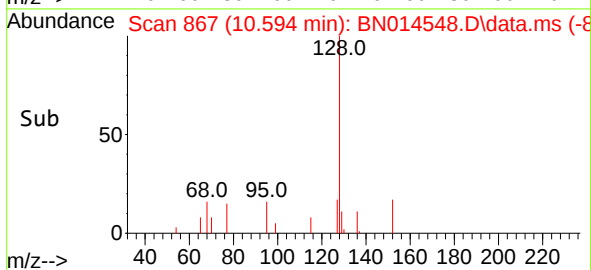
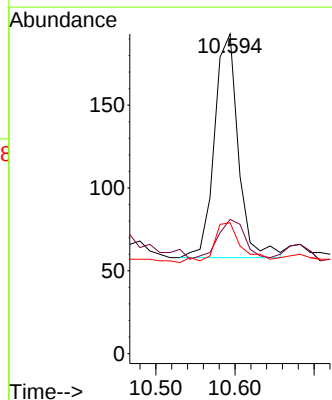
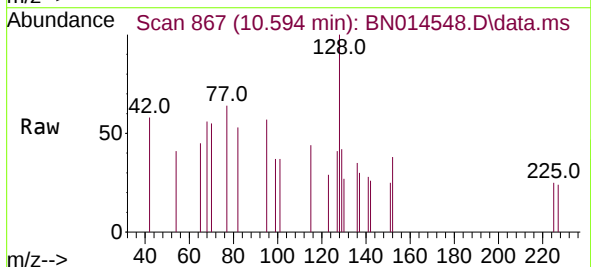
Instrument :
BNA_N
ClientSampleId :
BP-VPB-RW8-GW-578-580

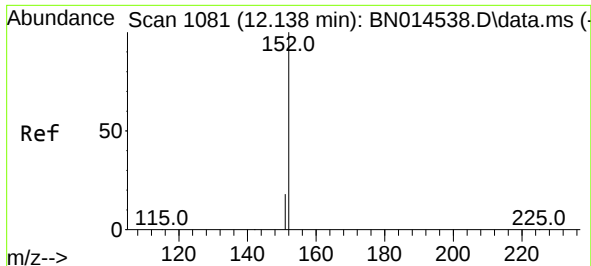
Tgt Ion: 82 Resp: 1178
Ion Ratio Lower Upper
82 100
128 33.7 29.5 44.3
54 45.8 36.9 55.3



#9
Naphthalene
Concen: 0.04 ng
RT: 10.594 min Scan# 867
Delta R.T. 0.000 min
Lab File: BN014548.D
Acq: 07 May 2021 21:34

Tgt Ion: 128 Resp: 283
Ion Ratio Lower Upper
128 100
129 42.0 9.0 13.4#
127 40.9 10.4 15.6#

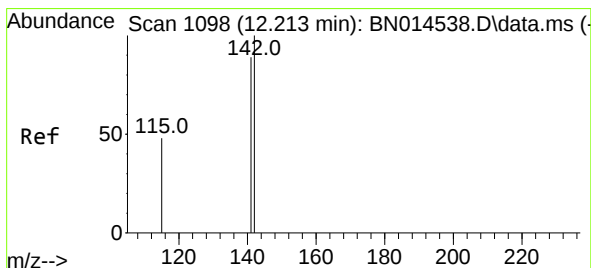
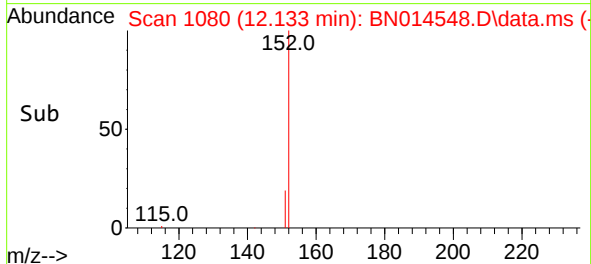
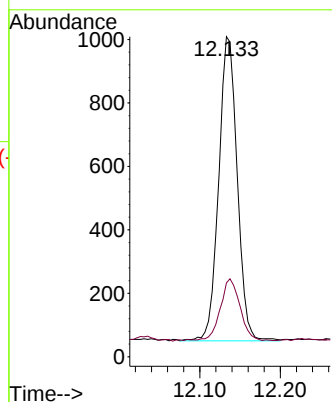
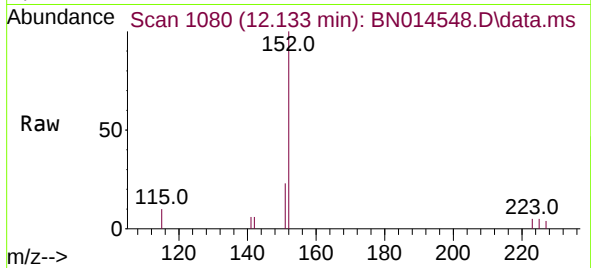




#11
2-Methylnaphthalene-d10
Concen: 0.27 ng
RT: 12.133 min Scan# 1080
Delta R.T. -0.004 min
Lab File: BN014548.D
Acq: 07 May 2021 21:34

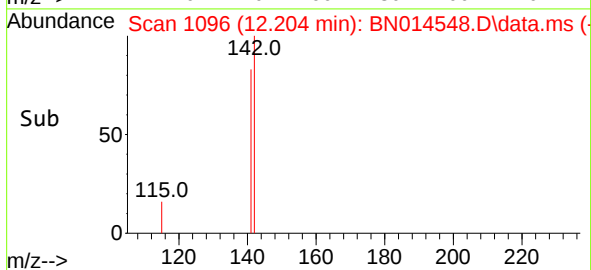
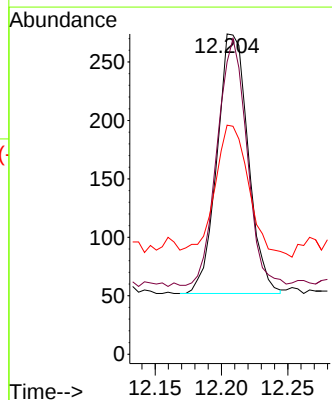
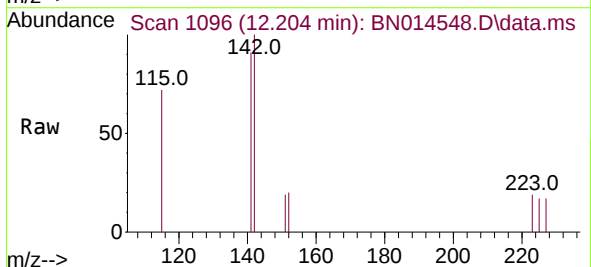
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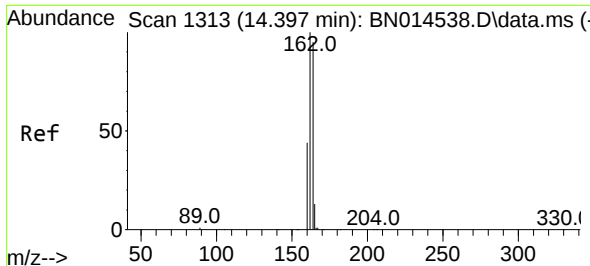
Tgt Ion:152 Resp: 1535
Ion Ratio Lower Upper
152 100
151 21.6 16.2 24.2



#12
2-Methylnaphthalene
Concen: 0.08 ng
RT: 12.204 min Scan# 1096
Delta R.T. -0.009 min
Lab File: BN014548.D
Acq: 07 May 2021 21:34

Tgt Ion:142 Resp: 361
Ion Ratio Lower Upper
142 100
141 91.2 70.2 105.4
115 71.5 26.7 40.1#

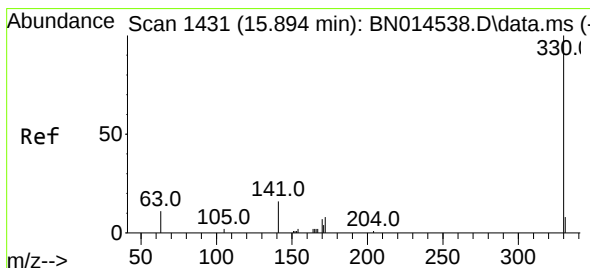
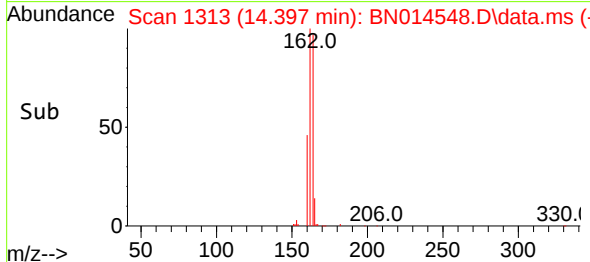
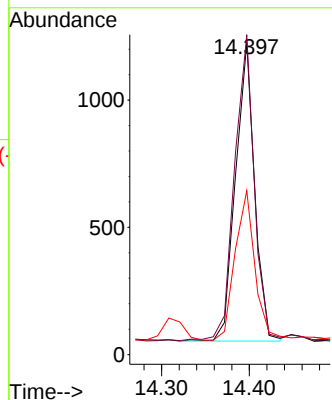
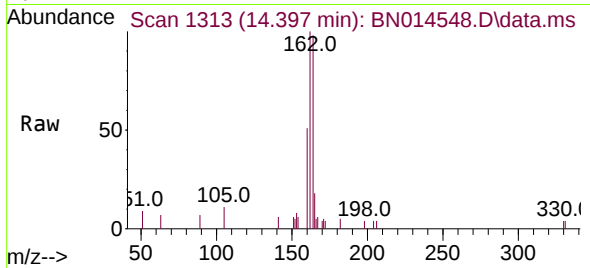




#13
Acenaphthene-d10
Concen: 0.40 ng
RT: 14.397 min Scan# 1313
Delta R.T. 0.000 min
Lab File: BN014548.D
Acq: 07 May 2021 21:34

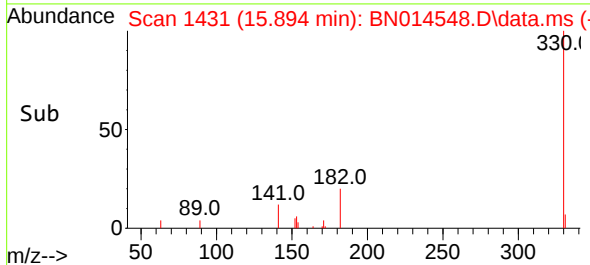
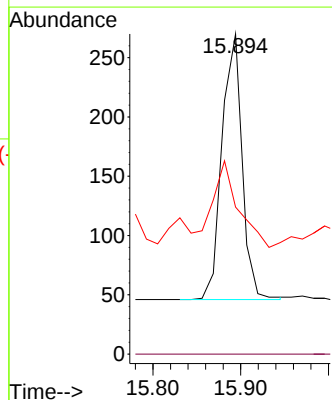
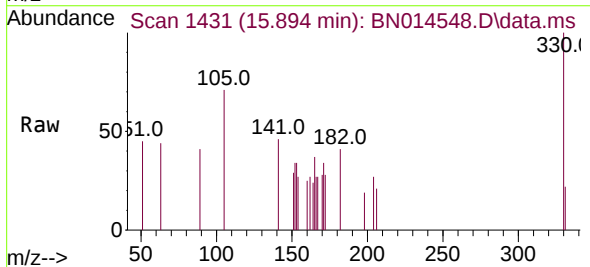
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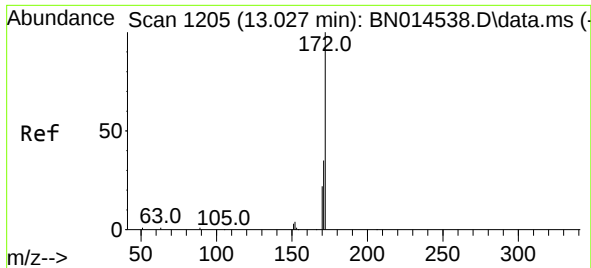
Tgt Ion:164 Resp: 1765
Ion Ratio Lower Upper
164 100
162 102.4 78.6 118.0
160 52.5 35.8 53.8



#14
2,4,6-Tribromophenol
Concen: 0.45 ng
RT: 15.894 min Scan# 1431
Delta R.T. 0.000 min
Lab File: BN014548.D
Acq: 07 May 2021 21:34

Tgt Ion:330 Resp: 358
Ion Ratio Lower Upper
330 100
332 0.0 0.0 0.0
141 41.9 27.0 40.4#

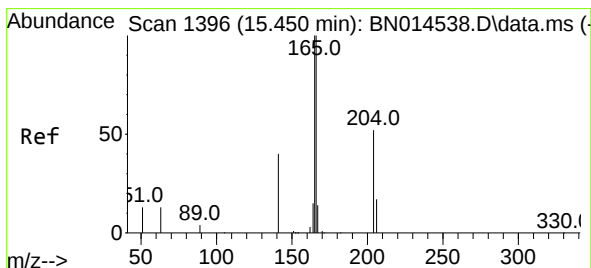
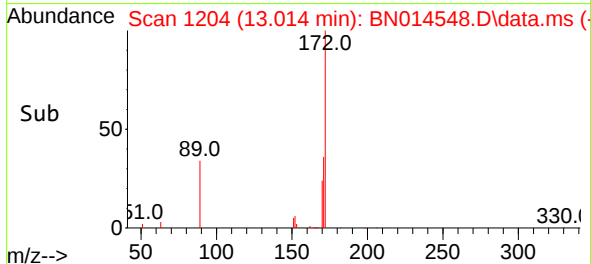
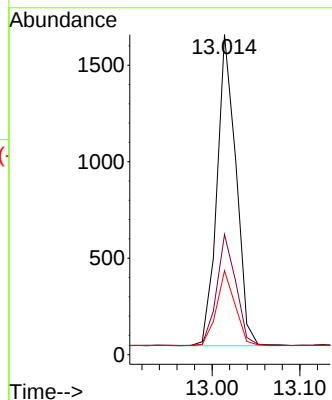
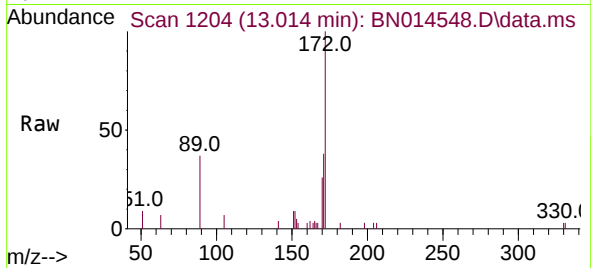




#15
2-Fluorobiphenyl
Concen: 0.38 ng
RT: 13.014 min Scan# 1204
Delta R.T. -0.013 min
Lab File: BN014548.D
Acq: 07 May 2021 21:34

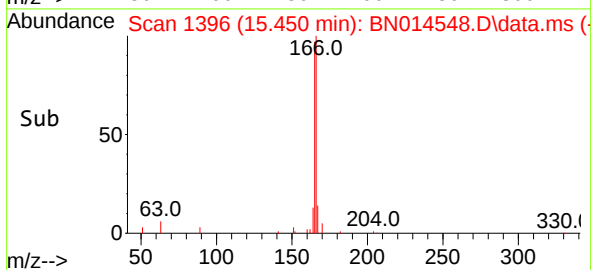
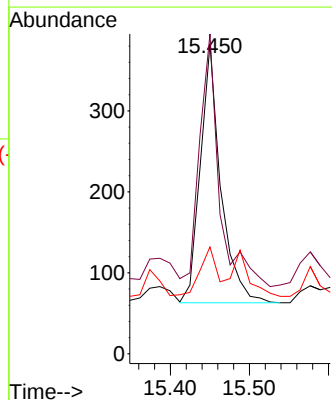
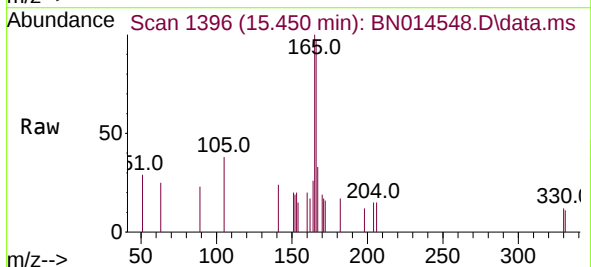
Instrument :
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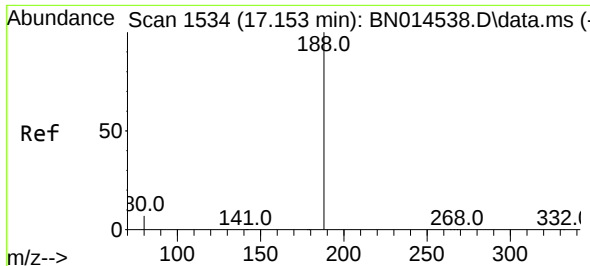
Tgt Ion:	172	Resp:	2426
Ion Ratio	Lower	Upper	
172	100		
171	37.6	27.1	40.7
170	26.2	18.3	27.5



#18
Fluorene
Concen: 0.09 ng
RT: 15.450 min Scan# 1396
Delta R.T. 0.000 min
Lab File: BN014548.D
Acq: 07 May 2021 21:34

Tgt Ion:	166	Resp:	576
Ion Ratio	Lower	Upper	
166	100		
165	93.8	78.4	117.6
167	17.7	10.7	16.1#

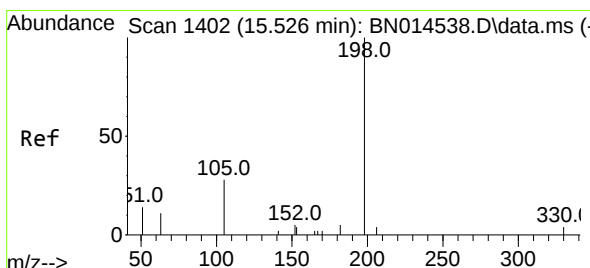
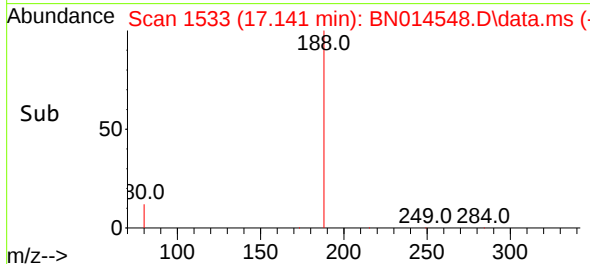
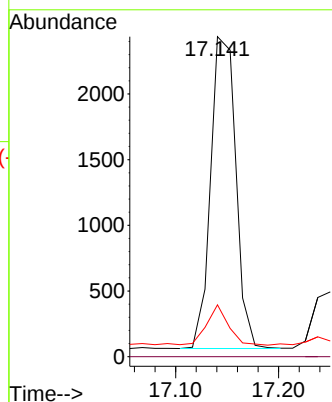
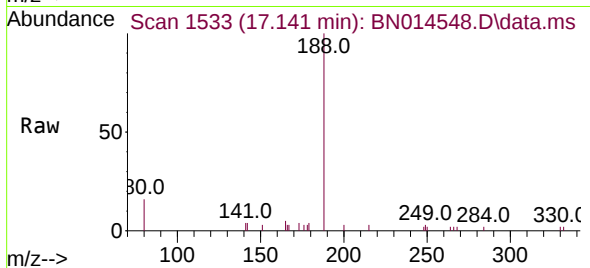




#19
Phenanthrene-d10
Concen: 0.40 ng
RT: 17.141 min Scan# 1533
Delta R.T. -0.012 min
Lab File: BN014548.D
Acq: 07 May 2021 21:34

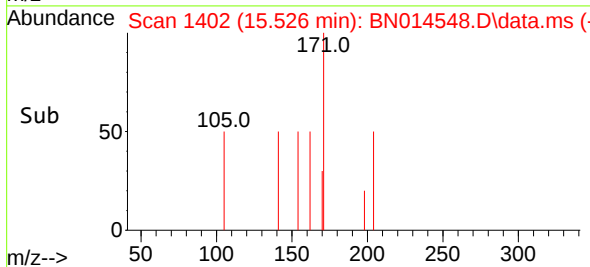
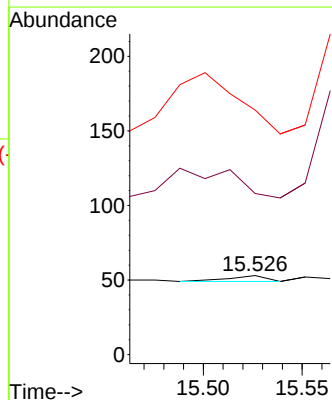
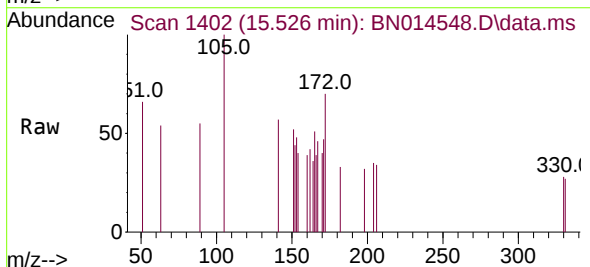
Instrument :
BNA_N
ClientSampleId :
BP-VPB-RW8-GW-578-580

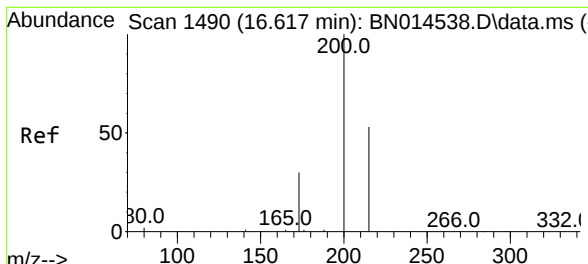
Tgt Ion:188	Resp:	4036
Ion Ratio	Lower	Upper
188	100	
94	0.0	0.0
80	16.2	5.2



#20
4,6-Dinitro-2-methylphenol
Concen: 0.21 ng
RT: 15.526 min Scan# 1402
Delta R.T. 0.000 min
Lab File: BN014548.D
Acq: 07 May 2021 21:34

Tgt Ion:198	Resp:	5
Ion Ratio	Lower	Upper
198	100	
51	203.8	865.3
105	309.4	93.6

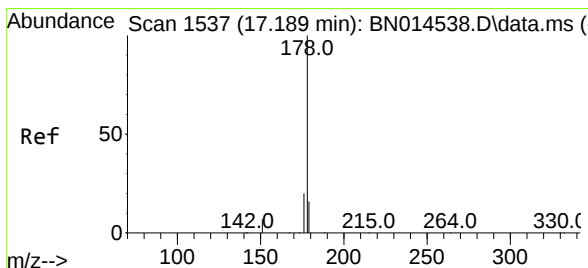
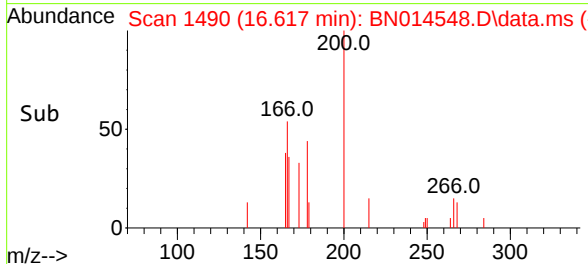
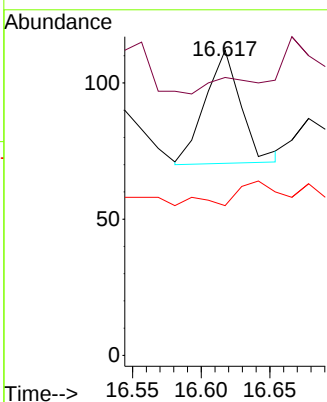
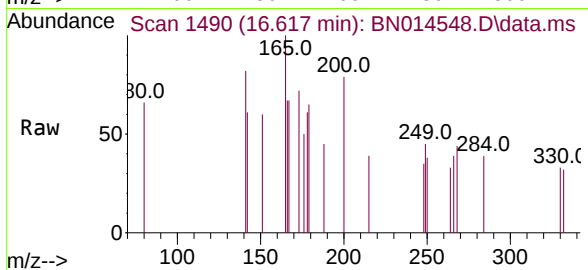




#23
Atrazine
 Concen: 0.04 ng
 RT: 16.617 min Scan# 1490
 Delta R.T. 0.000 min
 Lab File: BN014548.D
 Acq: 07 May 2021 21:34

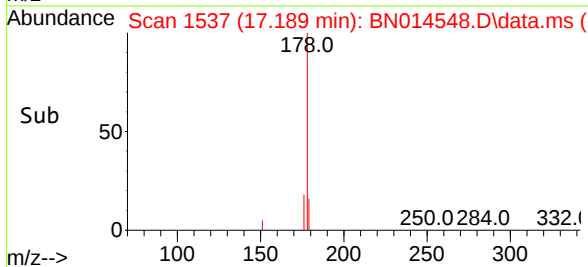
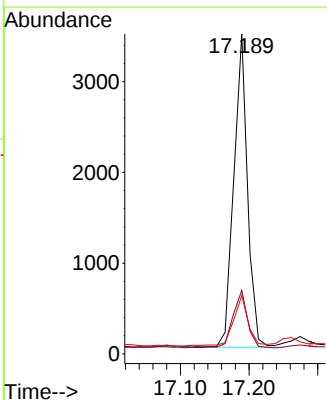
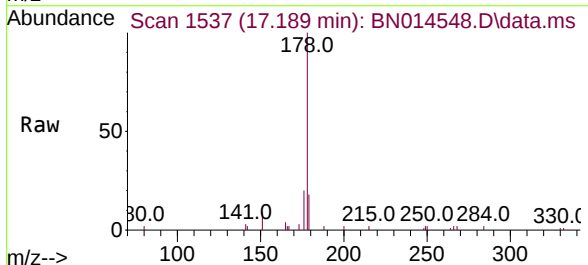
Instrument :
 BNA_N
ClientSampleId :
 BP-VPB-RW8-GW-578-580

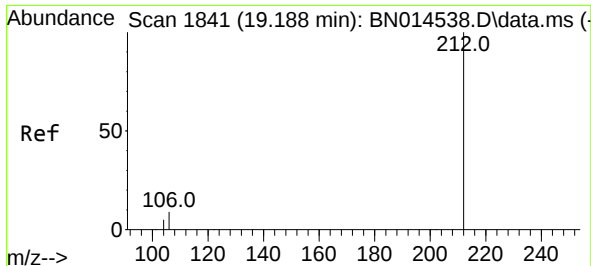
Tgt Ion:	200	Resp:	76
Ion Ratio	Lower	Upper	
200	100		
173	91.1	23.0	34.6#
215	49.1	38.6	57.8



#25
Phenanthrene
 Concen: 0.45 ng
 RT: 17.189 min Scan# 1537
 Delta R.T. 0.000 min
 Lab File: BN014548.D
 Acq: 07 May 2021 21:34

Tgt Ion:	178	Resp:	4816
Ion Ratio	Lower	Upper	
178	100		
176	19.4	15.2	22.8
179	17.2	12.4	18.6

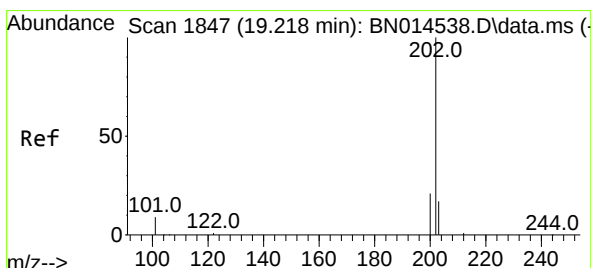
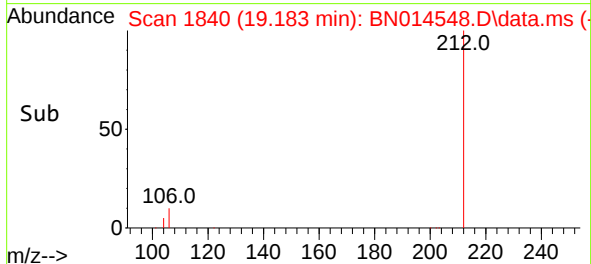
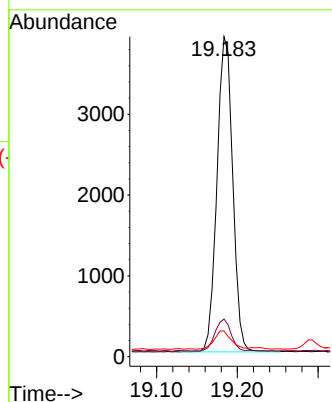
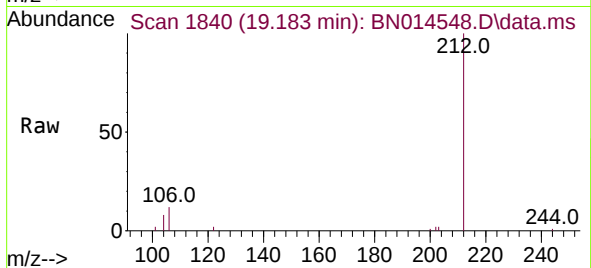




#27
Fluoranthene-d10
Concen: 0.31 ng
RT: 19.183 min Scan# 1840
Delta R.T. -0.005 min
Lab File: BN014548.D
Acq: 07 May 2021 21:34

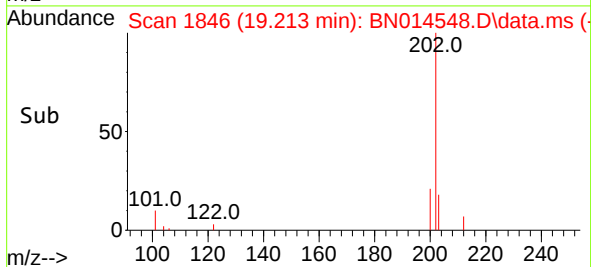
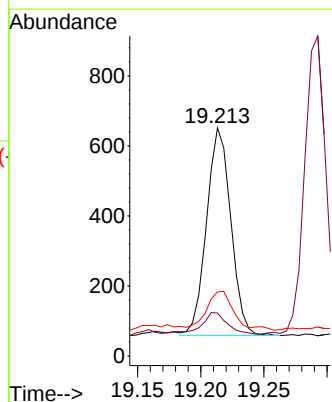
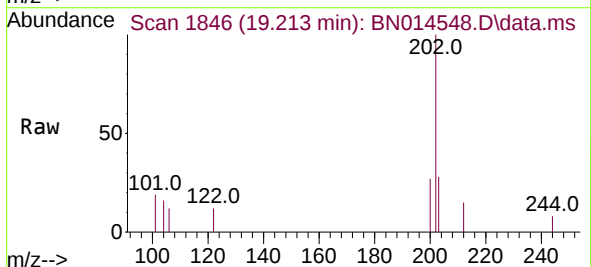
Instrument :
BNA_N
ClientSampleId :
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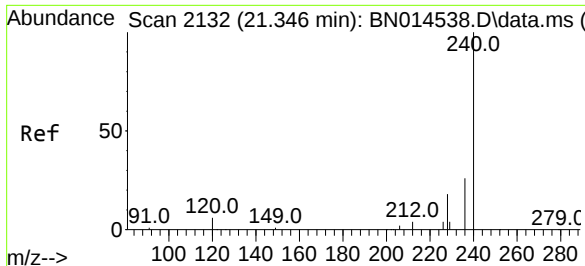
Tgt Ion:212 Resp: 5296
Ion Ratio Lower Upper
212 100
106 10.3 10.1 15.1
104 6.3 5.4 8.2



#28
Fluoranthene
Concen: 0.06 ng
RT: 19.213 min Scan# 1846
Delta R.T. -0.005 min
Lab File: BN014548.D
Acq: 07 May 2021 21:34

Tgt Ion:202 Resp: 794
Ion Ratio Lower Upper
202 100
101 11.0 8.4 12.6
203 20.9 13.5 20.3#

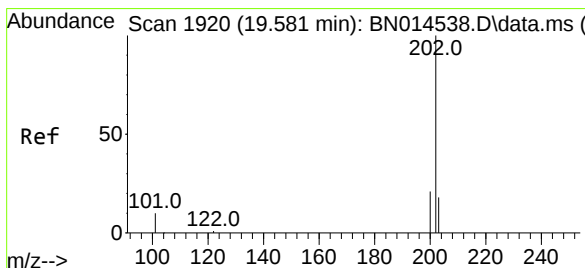
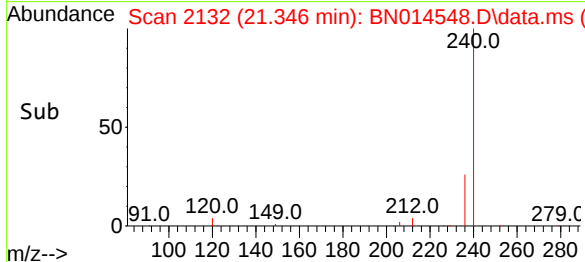
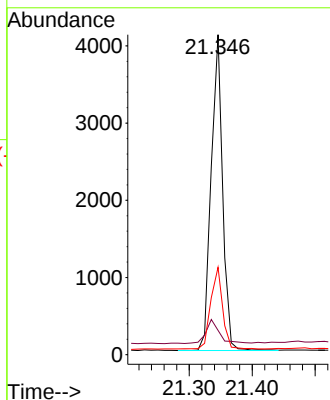
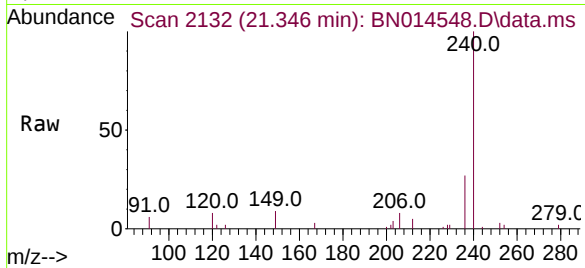




#29
Chrysene-d12
Concen: 0.40 ng
RT: 21.346 min Scan# 2132
Delta R.T. 0.000 min
Lab File: BN014548.D
Acq: 07 May 2021 21:34

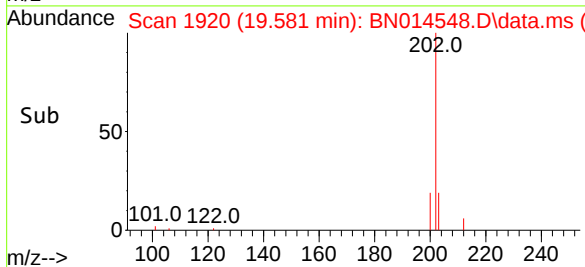
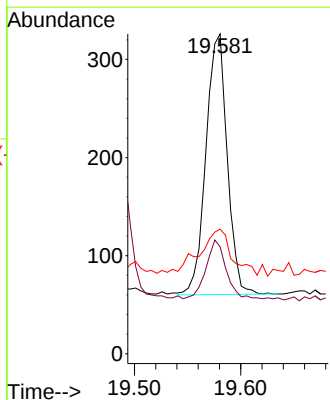
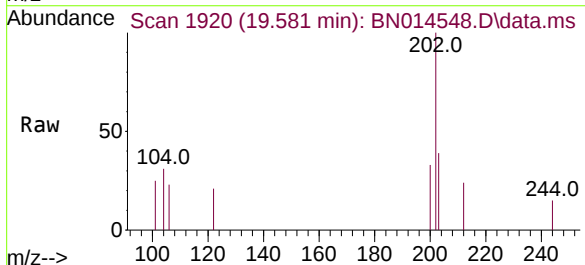
Instrument :
BNA_N
ClientSampleId :
BP-VPB-RW8-GW-578-580

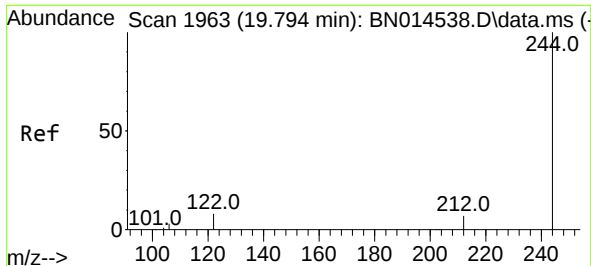
Tgt Ion:240 Resp: 5142
Ion Ratio Lower Upper
240 100
120 7.6 5.8 8.8
236 27.3 20.6 30.8



#30
Pyrene
Concen: 0.03 ng
RT: 19.581 min Scan# 1920
Delta R.T. 0.000 min
Lab File: BN014548.D
Acq: 07 May 2021 21:34

Tgt Ion:202 Resp: 370
Ion Ratio Lower Upper
202 100
200 21.1 16.3 24.5
203 27.0 14.0 21.0#

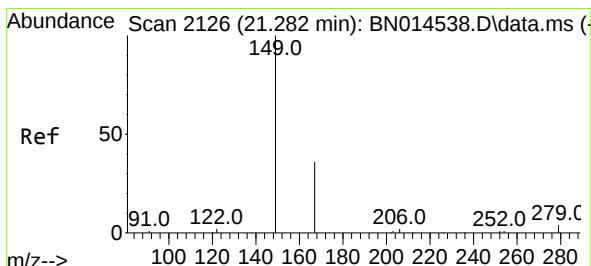
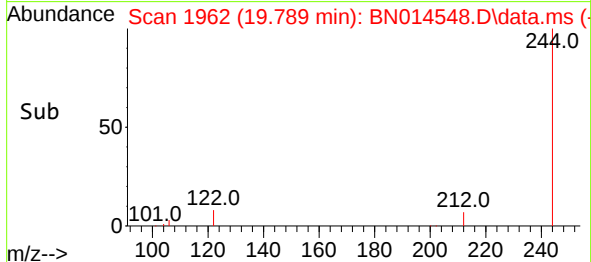
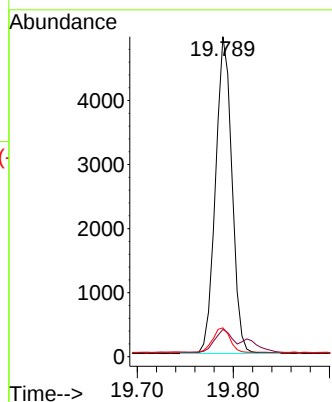
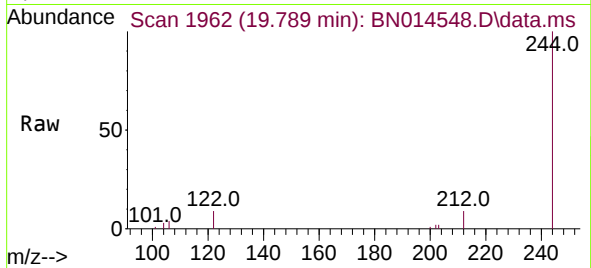




#31
Terphenyl-d14
Concen: 0.46 ng
RT: 19.789 min Scan# 1962
Delta R.T. -0.005 min
Lab File: BN014548.D
Acq: 07 May 2021 21:34

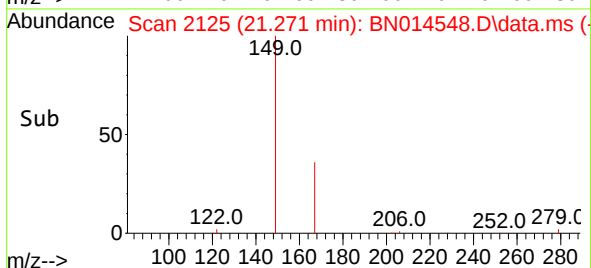
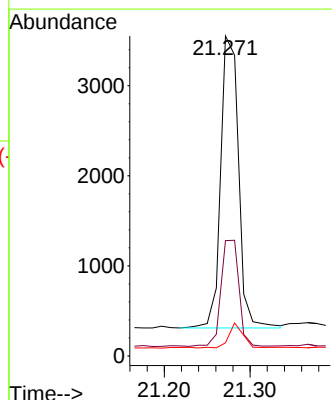
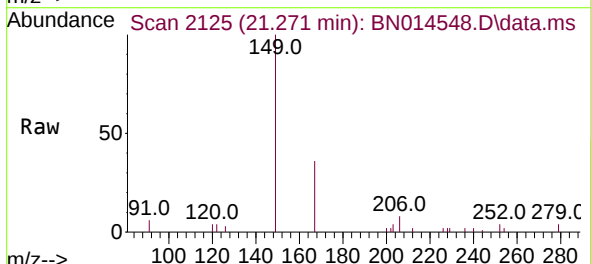
Instrument :
BNA_N
ClientSampleId :
BP-VPB-RW8-GW-578-580

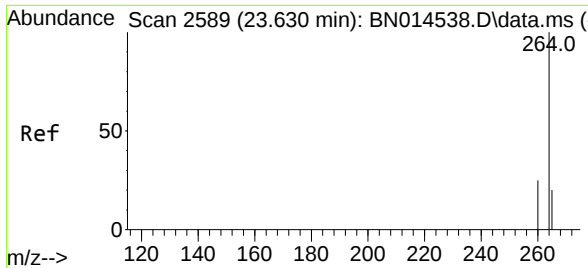
Tgt Ion:244 Resp: 5867
Ion Ratio Lower Upper
244 100
212 8.5 6.0 9.0
122 9.0 9.3 13.9#



#34
Bis(2-ethylhexyl)phthalate
Concen: 0.85 ng
RT: 21.271 min Scan# 2125
Delta R.T. -0.011 min
Lab File: BN014548.D
Acq: 07 May 2021 21:34

Tgt Ion:149 Resp: 4682
Ion Ratio Lower Upper
149 100
167 35.8 20.5 30.7#
279 6.7 2.9 4.3#





#35
 Perylene-d12
 Concen: 0.40 ng
 RT: 23.623 min Scan# 2587
 Delta R.T. -0.007 min
 Lab File: BN014548.D
 Acq: 07 May 2021 21:34

Instrument :
 BNA_N
 ClientSampleId :
 BP-VPB-RW8-GW-578-580

Tgt Ion:264	Resp:	5087
Ion Ratio	Lower	Upper
264	100	
260	25.8	19.5 29.3
265	69.8	35.4 53.0#

