

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN050721\
 Data File : BN014547.D
 Acq On : 07 May 2021 20:59
 Operator : CG/JU
 Sample : M2251-05
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 BP-VPB-RW8-GW-538-540

Quant Time: May 08 01:12:19 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)

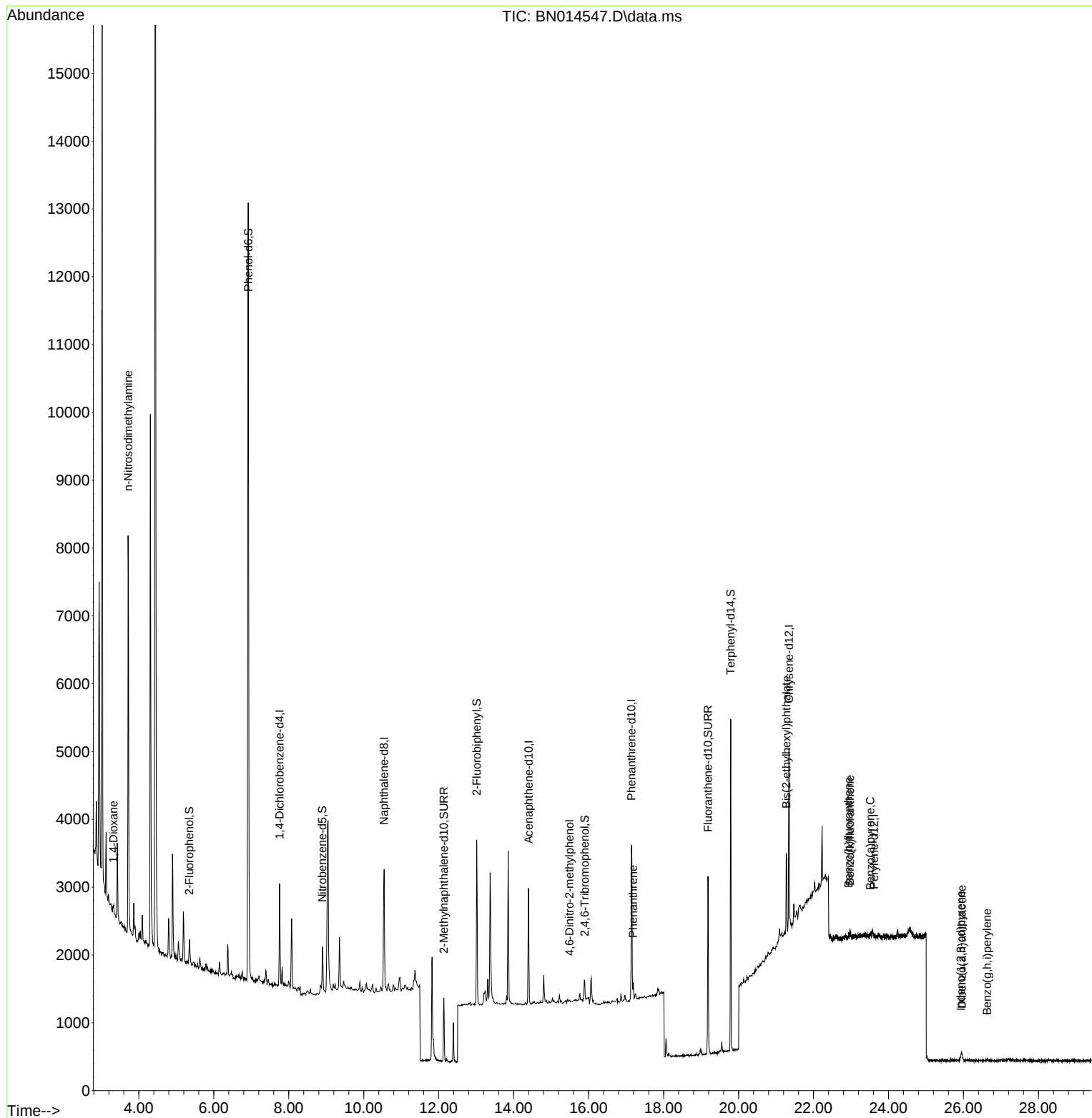
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.757	152	647	0.40	ng	# 0.00
7) Naphthalene-d8	10.543	136	2412	0.40	ng	# 0.00
13) Acenaphthene-d10	14.397	164	935	0.40	ng	# 0.00
19) Phenanthrene-d10	17.141	188	3410	0.40	ng	#-0.01
29) Chrysene-d12	21.346	240	2472	0.40	ng	# 0.00
35) Perylene-d12	23.616	264	11	0.40	ng	#-0.01
System Monitoring Compounds						
4) 2-Fluorophenol	5.349	112	255	0.14	ng	0.00
5) Phenol-d6	6.919	99	311	0.12	ng	0.00
8) Nitrobenzene-d5	8.895	82	662	0.34	ng	-0.01
11) 2-Methylnaphthalene-d10	12.137	152	1264	0.22	ng	0.00
14) 2,4,6-Tribromophenol	15.894	330	262	0.63	ng	0.00
15) 2-Fluorobiphenyl	13.014	172	2075	0.61	ng	-0.01
27) Fluoranthene-d10	19.183	212	3041	0.21	ng	0.00
31) Terphenyl-d14	19.789	244	4929	0.81	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	3.319	88	110	0.14	ng	# 38
3) n-Nitrosodimethylamine	3.714	42	296	1.05	ng	# 1
20) 4,6-Dinitro-2-methylph...	15.488	198	2	0.20	ng	# 1
25) Phenanthrene	17.189	178	292	0.03	ng	# 84
34) Bis(2-ethylhexyl)phtha...	21.271	149	1208	0.45	ng	# 77
36) Indeno(1,2,3-cd)pyrene	25.930	276	26	0.63	ng	# 79
37) Benzo(b)fluoranthene	22.935	252	30	0.82	ng	# 1
38) Benzo(k)fluoranthene	22.969	252	6	0.17	ng	# 1
39) Benzo(a)pyrene	23.517	252	19	0.60	ng	# 1
40) Dibenzo(a,h)anthracene	25.954	278	172	4.77	ng	# 1
41) Benzo(g,h,i)perylene	26.625	276	8	0.23	ng	# 1

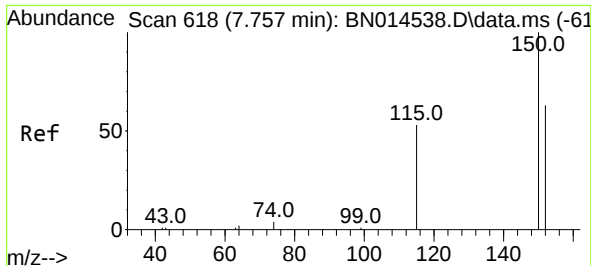
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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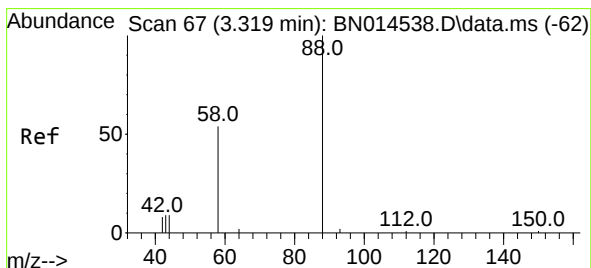
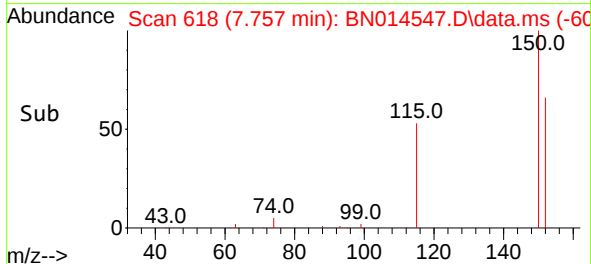
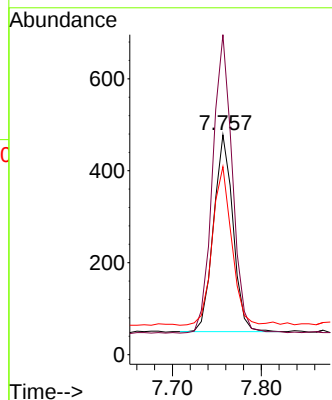
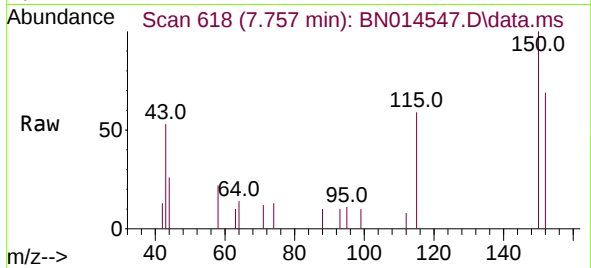




#1
 1,4-Dichlorobenzene-d4
 Concen: 0.40 ng
 RT: 7.757 min Scan# 618
 Delta R.T. -0.000 min
 Lab File: BN014547.D
 Acq: 07 May 2021 20:59

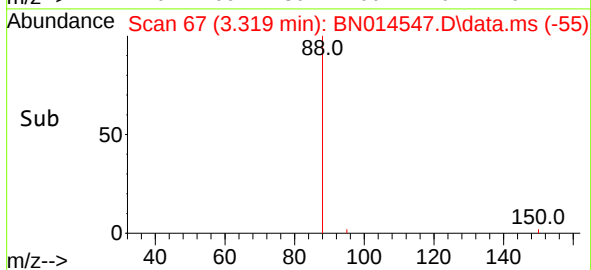
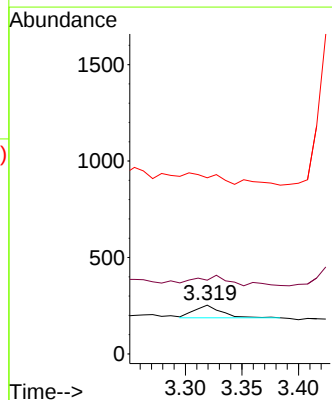
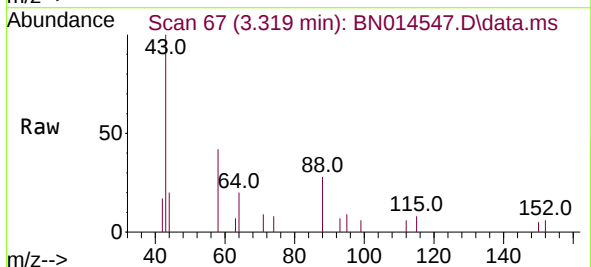
Instrument :
 BNA_N
 ClientSampleId :
 BP-VPB-RW8-GW-538-540

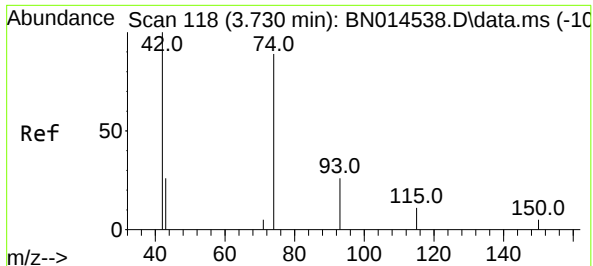
Tgt Ion:152 Resp: 647
 Ion Ratio Lower Upper
 152 100
 150 145.6 123.8 185.8
 115 85.6 47.0 70.4#



#2
 1,4-Dioxane
 Concen: 0.14 ng
 RT: 3.319 min Scan# 67
 Delta R.T. -0.000 min
 Lab File: BN014547.D
 Acq: 07 May 2021 20:59

Tgt Ion: 88 Resp: 110
 Ion Ratio Lower Upper
 88 100
 58 105.5 44.4 66.6#
 43 0.0 15.9 23.9#

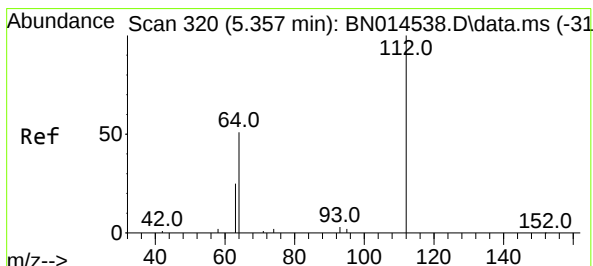
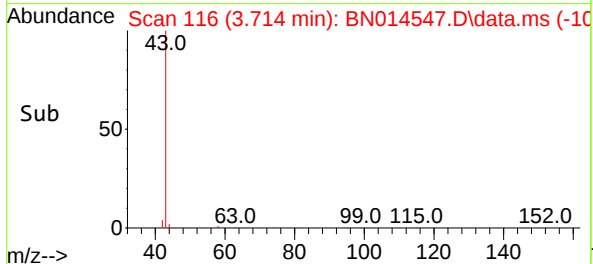
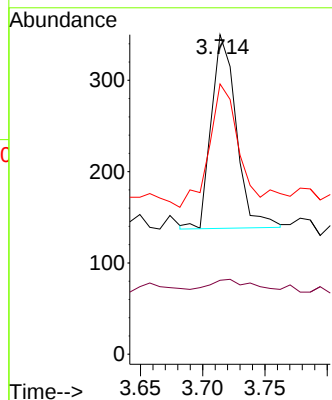
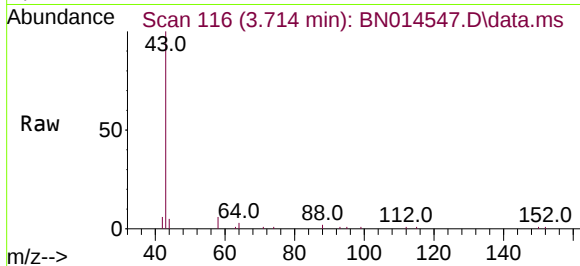




#3
n-Nitrosodimethylamine
Concen: 1.05 ng
RT: 3.714 min Scan# 116
Delta R.T. -0.016 min
Lab File: BN014547.D
Acq: 07 May 2021 20:59

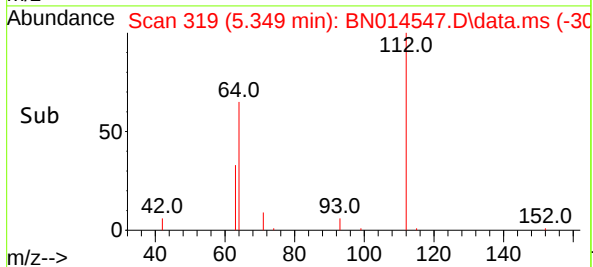
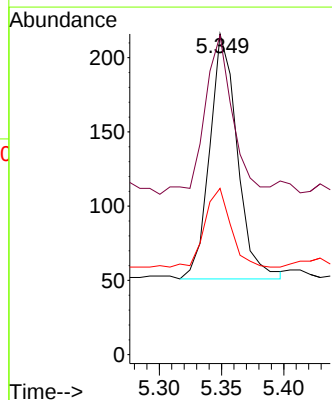
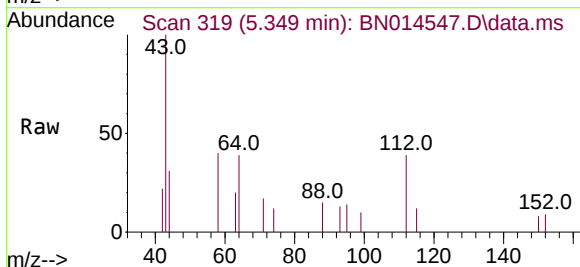
Instrument :
BNA_N
ClientSampleId :
BP-VPB-RW8-GW-538-540

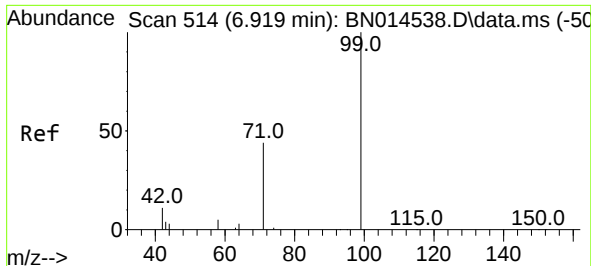
Tgt Ion: 42 Resp: 296
Ion Ratio Lower Upper
42 100
74 12.8 175.1 262.7#
44 80.7 7.5 11.3#



#4
2-Fluorophenol
Concen: 0.14 ng
RT: 5.349 min Scan# 319
Delta R.T. -0.008 min
Lab File: BN014547.D
Acq: 07 May 2021 20:59

Tgt Ion: 112 Resp: 255
Ion Ratio Lower Upper
112 100
64 65.9 41.8 62.6#
63 30.2 22.0 33.0

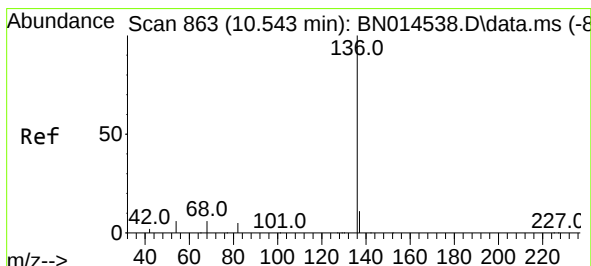
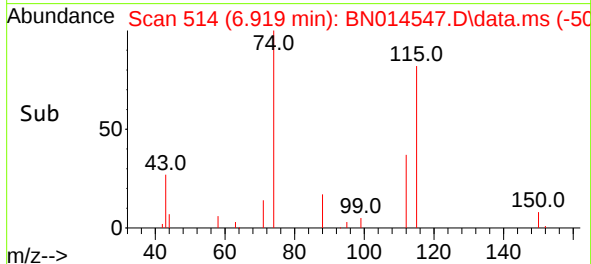
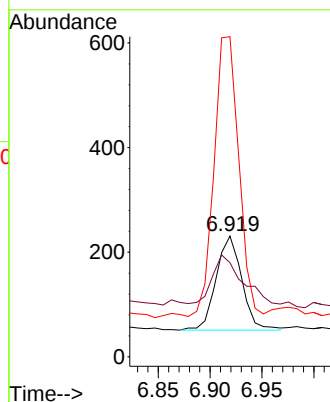
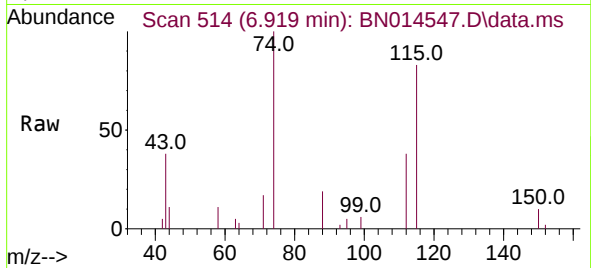




#5
Phenol-d6
Concen: 0.12 ng
RT: 6.919 min Scan# 514
Delta R.T. -0.000 min
Lab File: BN014547.D
Acq: 07 May 2021 20:59

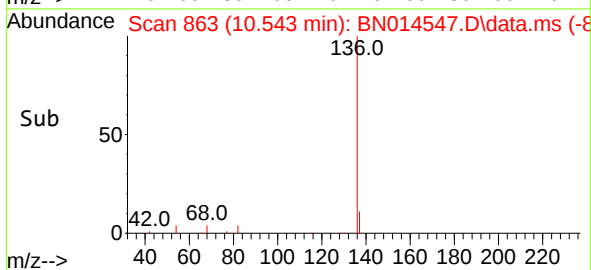
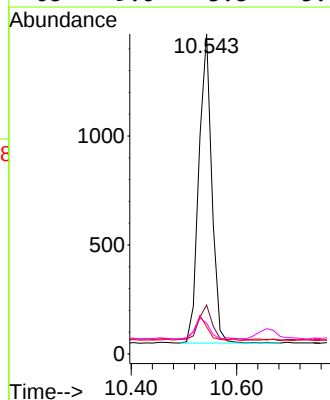
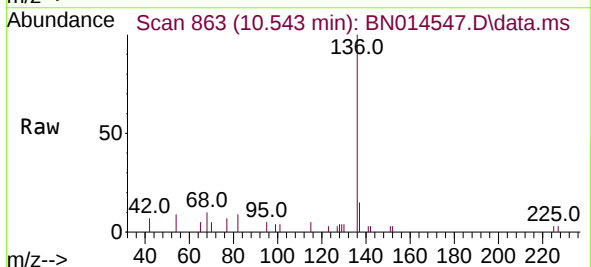
Instrument :
BNA_N
ClientSampleId :
BP-VPB-RW8-GW-538-540

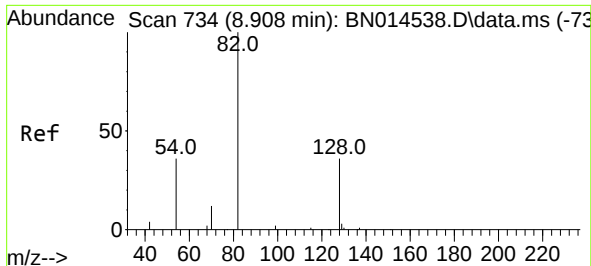
Tgt Ion:	99	Resp:	311
Ion	Ratio	Lower	Upper
99	100		
42	69.1	13.2	19.8#
71	284.9	26.2	39.2#



#7
Naphthalene-d8
Concen: 0.40 ng
RT: 10.543 min Scan# 863
Delta R.T. -0.000 min
Lab File: BN014547.D
Acq: 07 May 2021 20:59

Tgt Ion:	136	Resp:	2412
Ion	Ratio	Lower	Upper
136	100		
137	15.3	8.9	13.3#
54	8.5	3.8	5.8#
68	9.6	3.8	5.6#

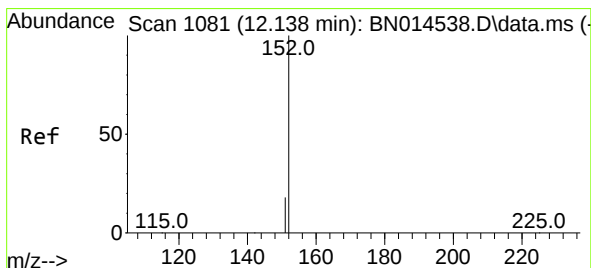
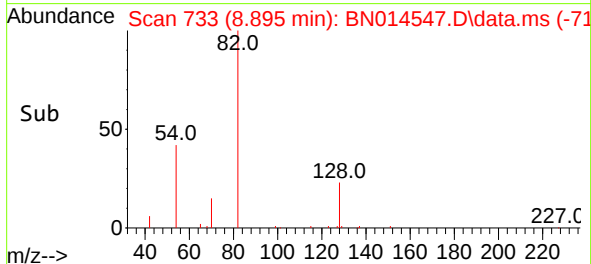
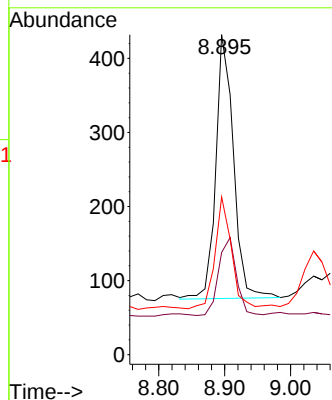
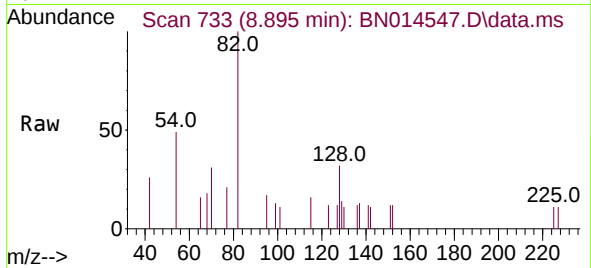




#8
Nitrobenzene-d5
Concen: 0.34 ng
RT: 8.895 min Scan# 733
Delta R.T. -0.013 min
Lab File: BN014547.D
Acq: 07 May 2021 20:59

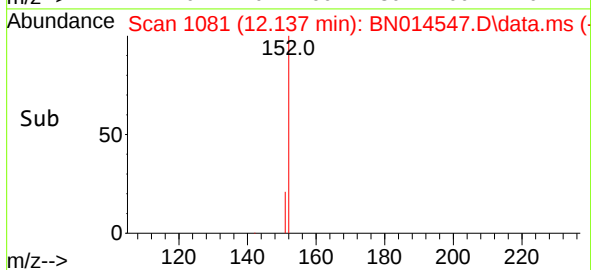
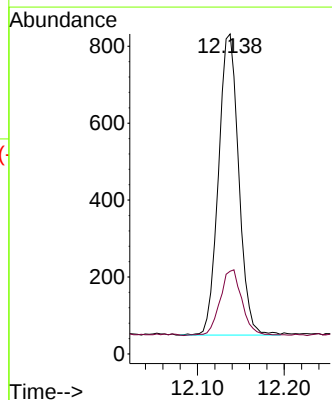
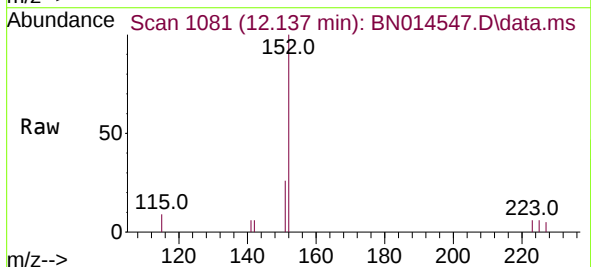
Instrument :
BNA_N
ClientSampleId :
BP-VPB-RW8-GW-538-540

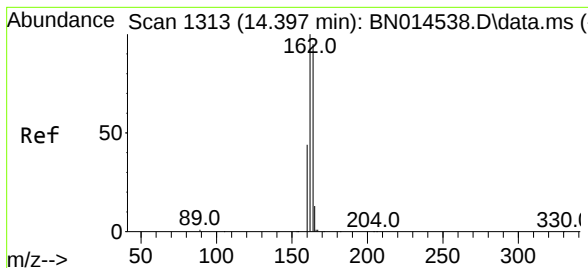
Tgt Ion:	82	Resp:	662
Ion	Ratio	Lower	Upper
82	100		
128	31.9	29.5	44.3
54	49.3	36.9	55.3



#11
2-Methylnaphthalene-d10
Concen: 0.22 ng
RT: 12.137 min Scan# 1081
Delta R.T. -0.000 min
Lab File: BN014547.D
Acq: 07 May 2021 20:59

Tgt Ion:	152	Resp:	1264
Ion	Ratio	Lower	Upper
152	100		
151	23.7	16.2	24.2

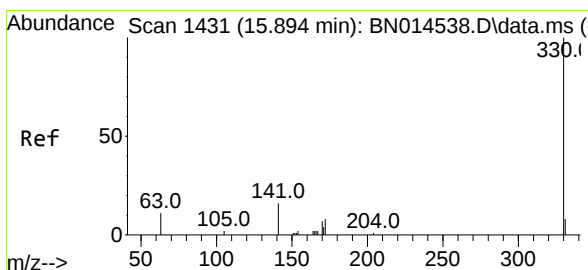
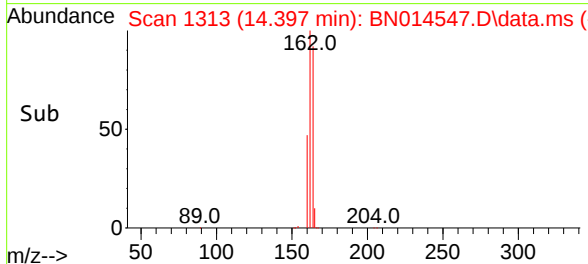
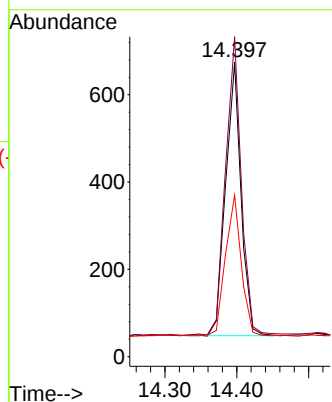
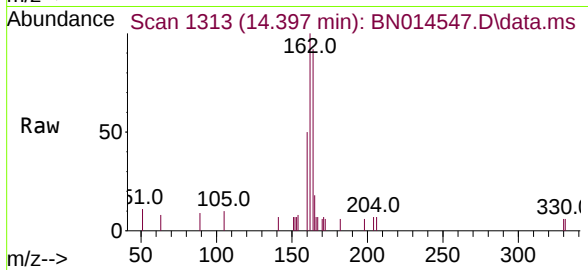




#13
Acenaphthene-d10
Concen: 0.40 ng
RT: 14.397 min Scan# 1313
Delta R.T. -0.000 min
Lab File: BN014547.D
Acq: 07 May 2021 20:59

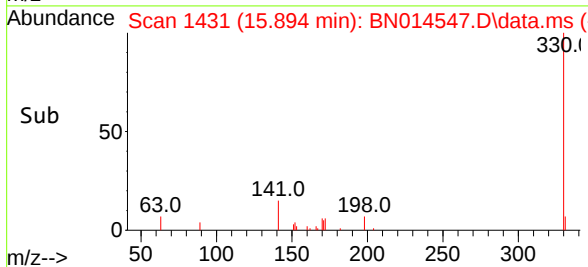
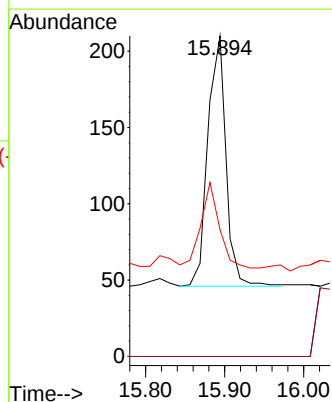
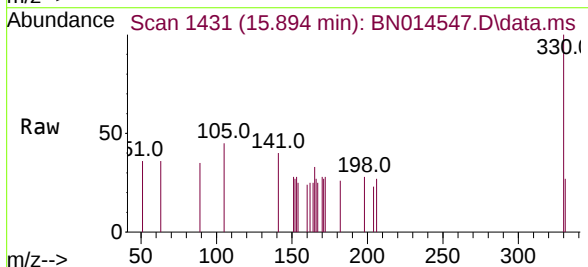
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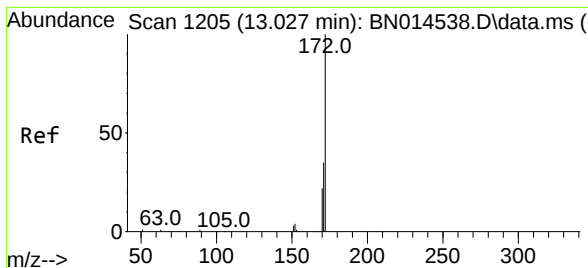
Tgt Ion:164 Resp: 935
Ion Ratio Lower Upper
164 100
162 108.8 78.6 118.0
160 54.9 35.8 53.8#



#14
2,4,6-Tribromophenol
Concen: 0.63 ng
RT: 15.894 min Scan# 1431
Delta R.T. -0.000 min
Lab File: BN014547.D
Acq: 07 May 2021 20:59

Tgt Ion:330 Resp: 262
Ion Ratio Lower Upper
330 100
332 0.0 0.0 0.0
141 35.5 27.0 40.4

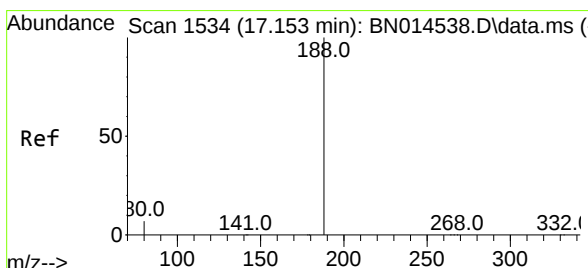
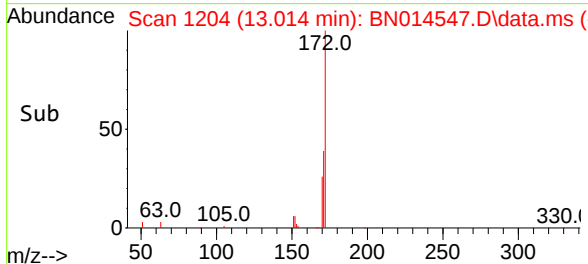
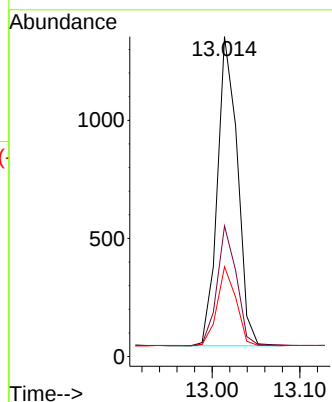
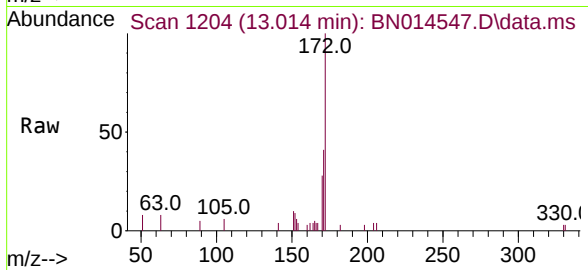




#15
2-Fluorobiphenyl
Concen: 0.61 ng
RT: 13.014 min Scan# 1204
Delta R.T. -0.013 min
Lab File: BN014547.D
Acq: 07 May 2021 20:59

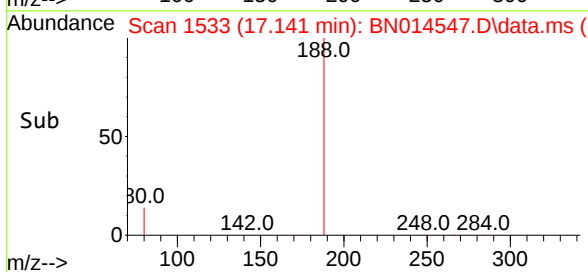
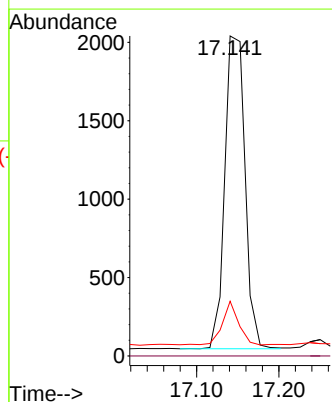
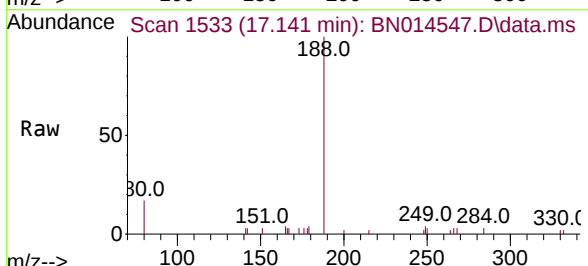
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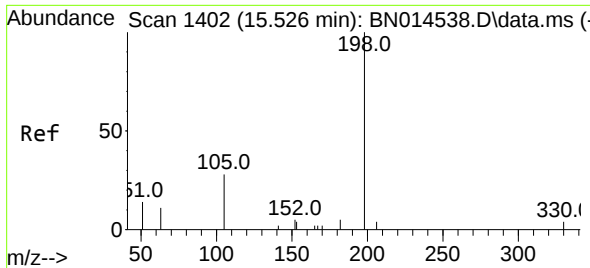
Tgt Ion:172 Resp: 2075
Ion Ratio Lower Upper
172 100
171 40.8 27.1 40.7#
170 28.1 18.3 27.5#



#19
Phenanthrene-d10
Concen: 0.40 ng
RT: 17.141 min Scan# 1533
Delta R.T. -0.012 min
Lab File: BN014547.D
Acq: 07 May 2021 20:59

Tgt Ion:188 Resp: 3410
Ion Ratio Lower Upper
188 100
94 0.0 0.0 0.0
80 17.1 5.2 7.8#

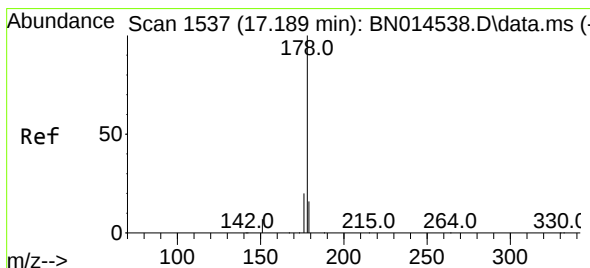
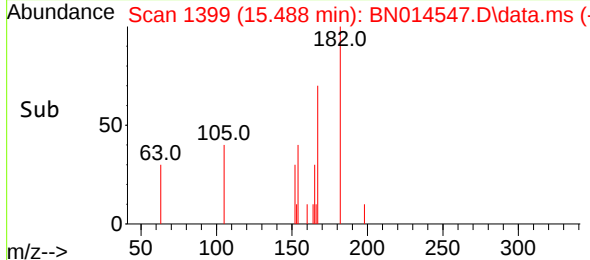
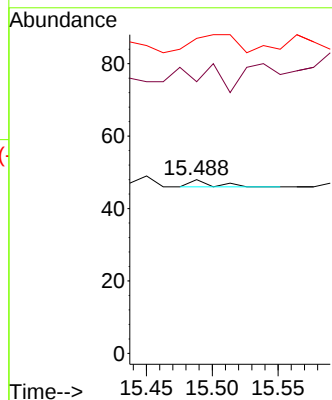
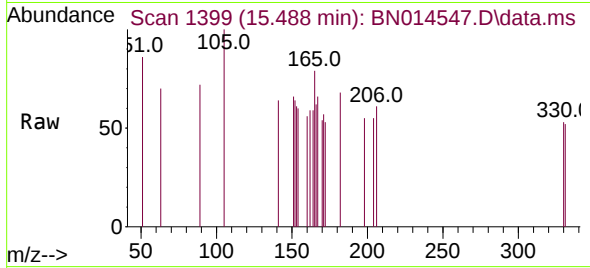




#20
4,6-Dinitro-2-methylphenol
Concen: 0.20 ng
RT: 15.488 min Scan# 1399
Delta R.T. -0.038 min
Lab File: BN014547.D
Acq: 07 May 2021 20:59

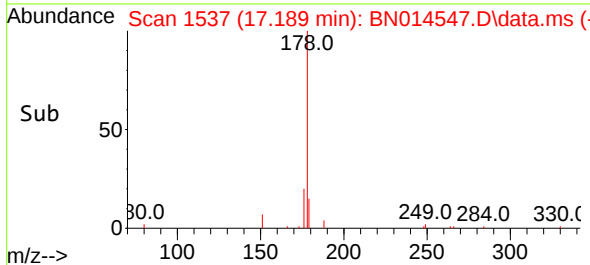
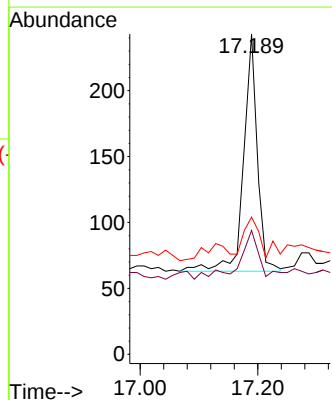
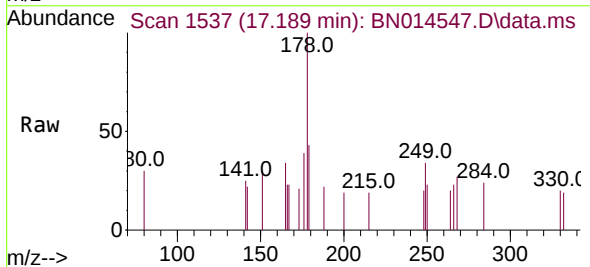
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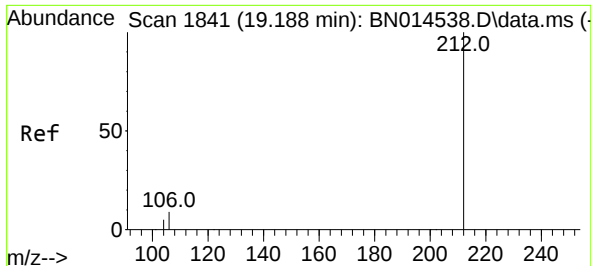
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Ion Ratio Lower Upper
198 100
51 156.3 865.3 1297.9#
105 181.3 93.6 140.4#



#25
Phenanthrene
Concen: 0.03 ng
RT: 17.189 min Scan# 1537
Delta R.T. -0.000 min
Lab File: BN014547.D
Acq: 07 May 2021 20:59

Tgt Ion:178 Resp: 292
Ion Ratio Lower Upper
178 100
176 30.5 15.2 22.8#
179 17.5 12.4 18.6

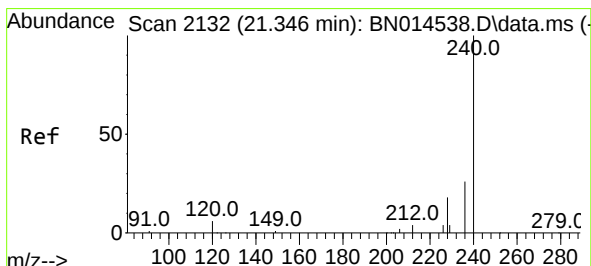
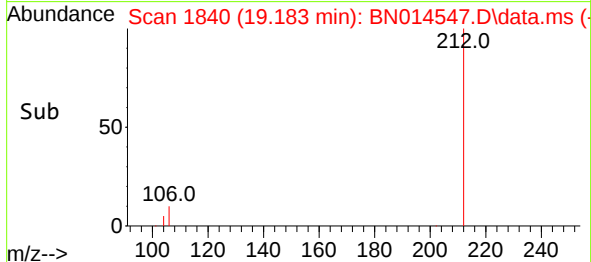
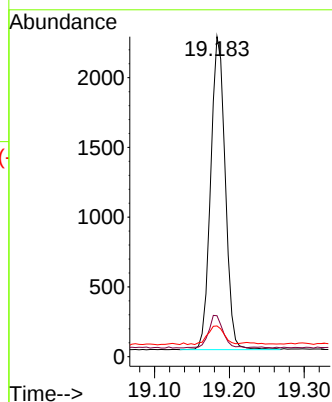
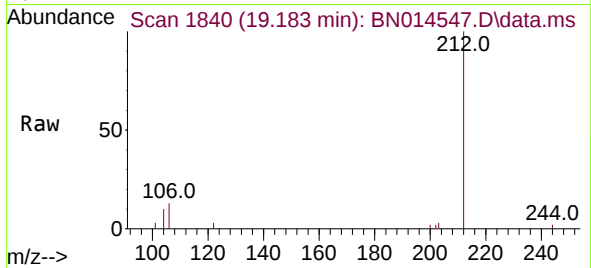




#27
Fluoranthene-d10
Concen: 0.21 ng
RT: 19.183 min Scan# 1840
Delta R.T. -0.005 min
Lab File: BN014547.D
Acq: 07 May 2021 20:59

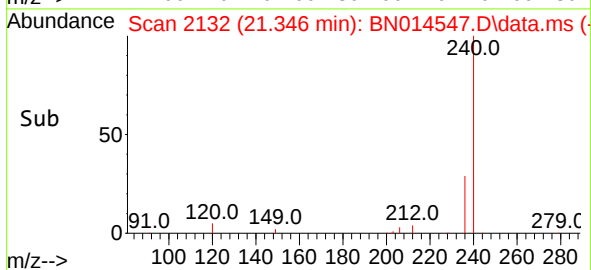
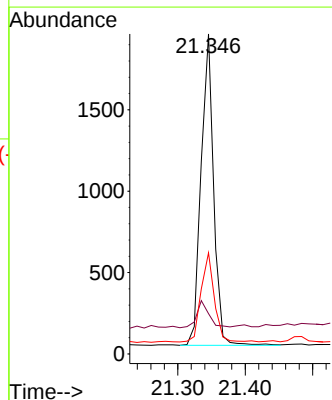
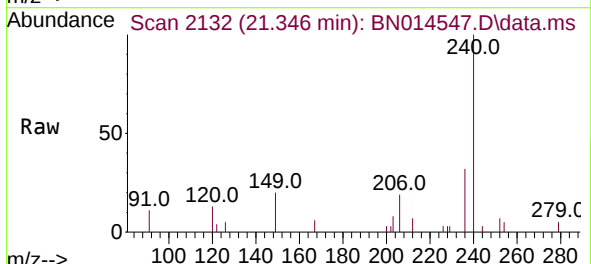
Instrument :
BNA_N
ClientSampleId :
BP-VPB-RW8-GW-538-540

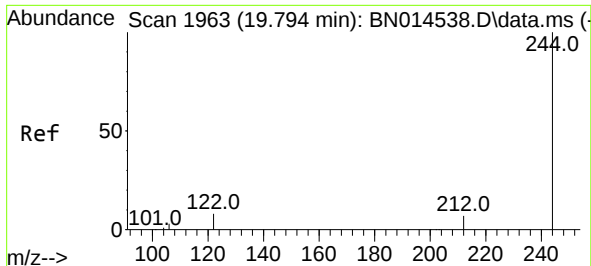
Tgt Ion:212 Resp: 3041
Ion Ratio Lower Upper
212 100
106 10.3 10.1 15.1
104 6.8 5.4 8.2



#29
Chrysene-d12
Concen: 0.40 ng
RT: 21.346 min Scan# 2132
Delta R.T. -0.000 min
Lab File: BN014547.D
Acq: 07 May 2021 20:59

Tgt Ion:240 Resp: 2472
Ion Ratio Lower Upper
240 100
120 12.6 5.8 8.8#
236 31.6 20.6 30.8#

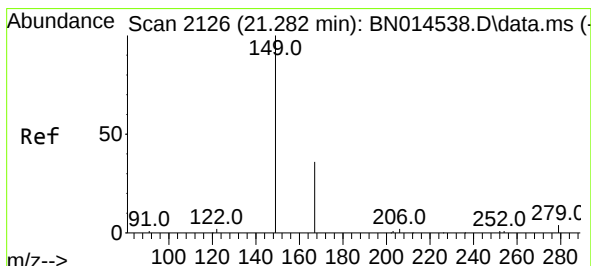
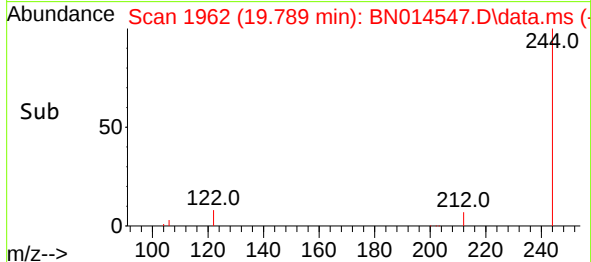
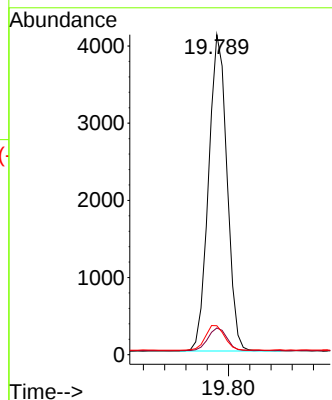
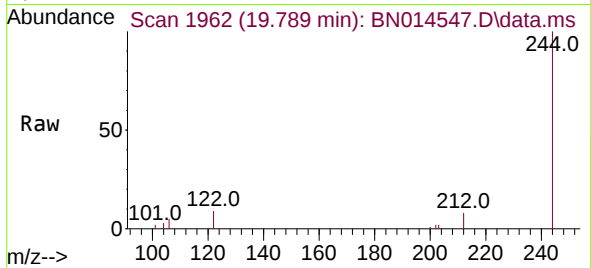




#31
Terphenyl-d14
Concen: 0.81 ng
RT: 19.789 min Scan# 1962
Delta R.T. -0.005 min
Lab File: BN014547.D
Acq: 07 May 2021 20:59

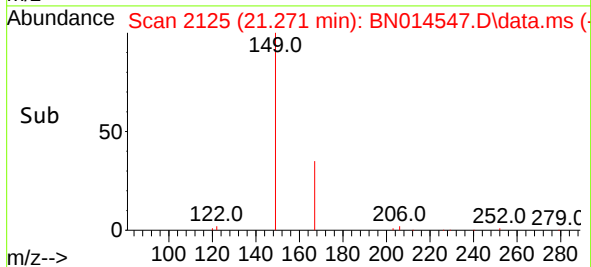
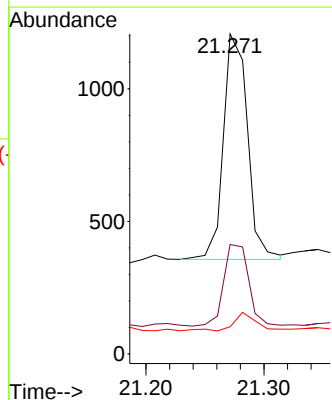
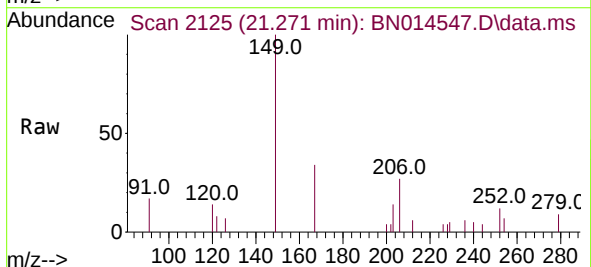
Instrument :
BNA_N
ClientSampleId :
BP-VPB-RW8-GW-538-540

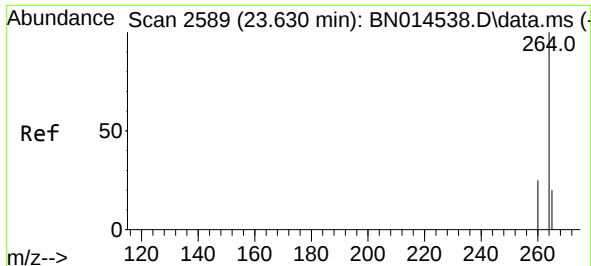
Tgt Ion:244 Resp: 4929
Ion Ratio Lower Upper
244 100
212 8.4 6.0 9.0
122 9.0 9.3 13.9#



#34
Bis(2-ethylhexyl)phthalate
Concen: 0.45 ng
RT: 21.271 min Scan# 2125
Delta R.T. -0.011 min
Lab File: BN014547.D
Acq: 07 May 2021 20:59

Tgt Ion:149 Resp: 1208
Ion Ratio Lower Upper
149 100
167 38.0 20.5 30.7#
279 7.5 2.9 4.3#

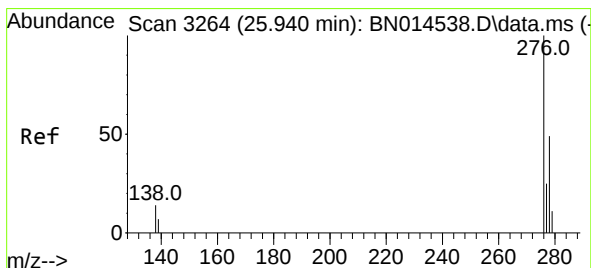
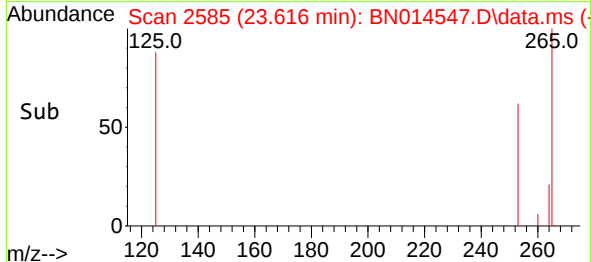
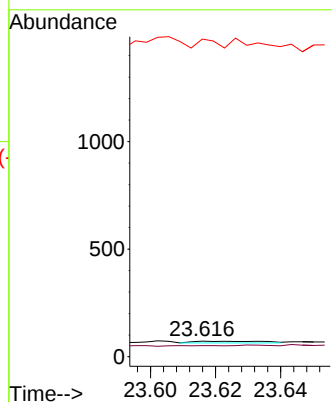
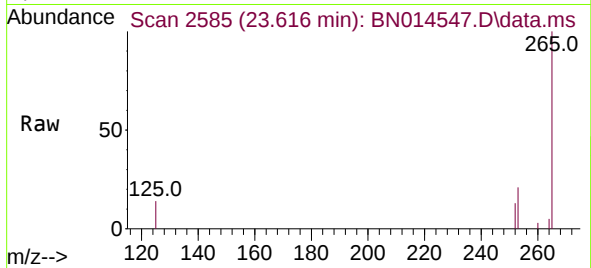




#35
 Perylene-d12
 Concen: 0.40 ng
 RT: 23.616 min Scan# 2585
 Delta R.T. -0.014 min
 Lab File: BN014547.D
 Acq: 07 May 2021 20:59

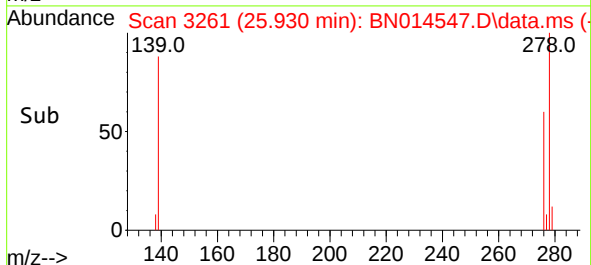
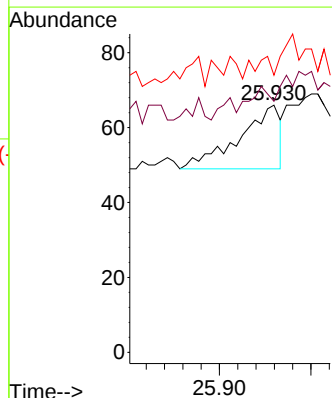
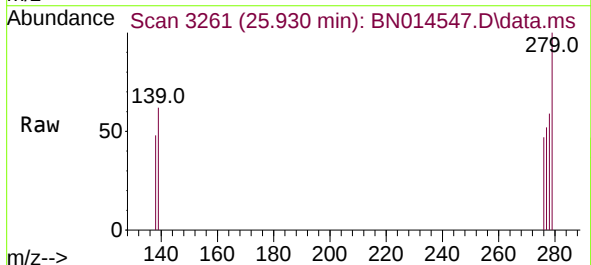
Instrument :
 BNA_N
 ClientSampleId :
 BP-VPB-RW8-GW-538-540

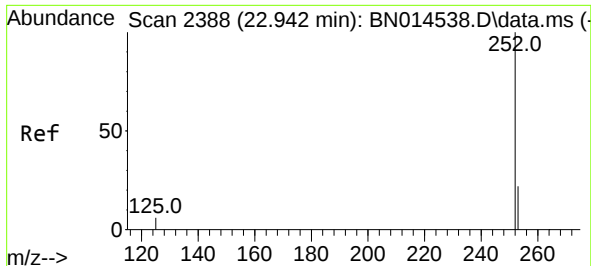
Tgt Ion:264 Resp: 11
 Ion Ratio Lower Upper
 264 100
 260 70.8 19.5 29.3#
 265 2051.4 35.4 53.0#



#36
 Indeno(1,2,3-cd)pyrene
 Concen: 0.63 ng
 RT: 25.930 min Scan# 3261
 Delta R.T. -0.010 min
 Lab File: BN014547.D
 Acq: 07 May 2021 20:59

Tgt Ion:276 Resp: 26
 Ion Ratio Lower Upper
 276 100
 138 34.6 18.8 28.2#
 277 15.4 19.8 29.8#

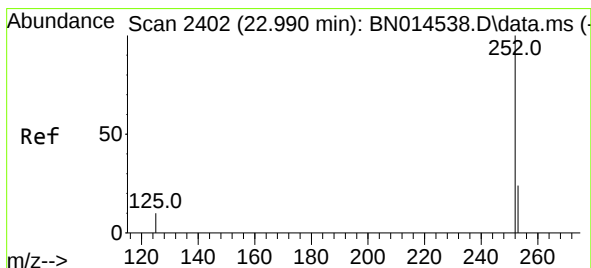
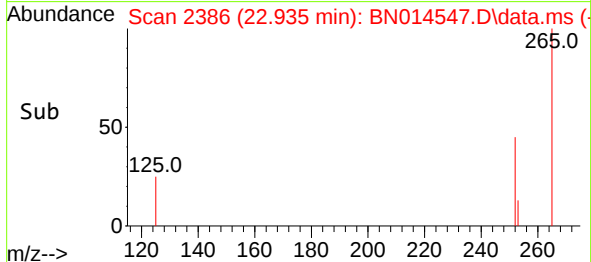
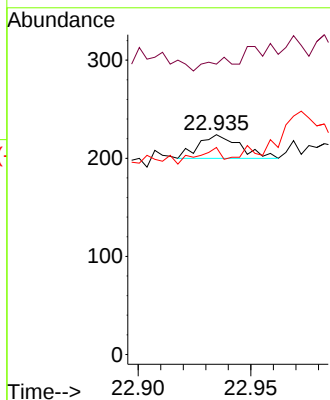
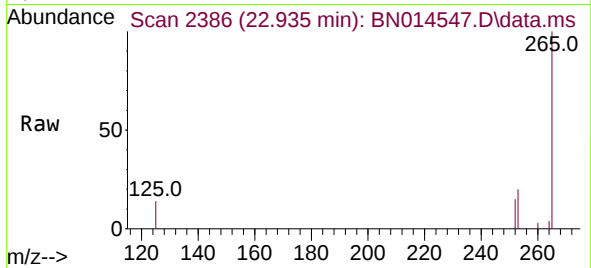




#37
Benzo(b)fluoranthene
Concen: 0.82 ng
RT: 22.935 min Scan# 2386
Delta R.T. -0.007 min
Lab File: BN014547.D
Acq: 07 May 2021 20:59

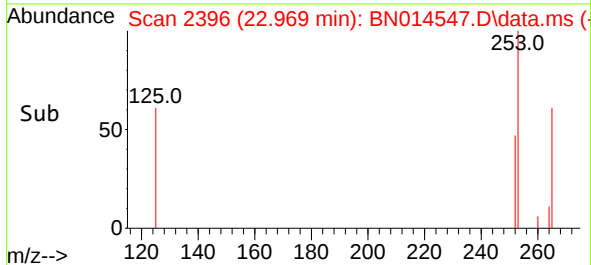
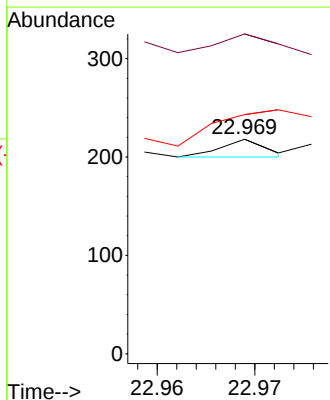
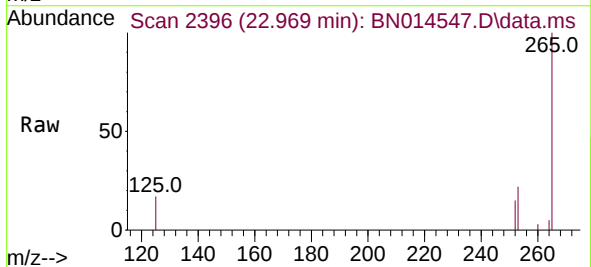
Instrument :
BNA_N
ClientSampleId :
BP-VPB-RW8-GW-538-540

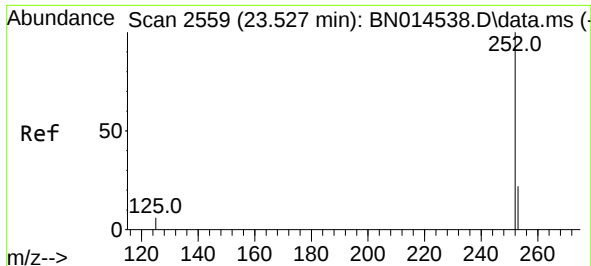
Tgt Ion:252 Resp: 30
Ion Ratio Lower Upper
252 100
253 132.1 19.6 29.4#
125 94.2 10.3 15.5#



#38
Benzo(k)fluoranthene
Concen: 0.17 ng
RT: 22.969 min Scan# 2396
Delta R.T. -0.021 min
Lab File: BN014547.D
Acq: 07 May 2021 20:59

Tgt Ion:252 Resp: 6
Ion Ratio Lower Upper
252 100
253 149.1 19.7 29.5#
125 111.5 9.7 14.5#





#39

Benzo(a)pyrene

Concen: 0.60 ng

RT: 23.517 min Scan# 2556

Delta R.T. -0.010 min

Lab File: BN014547.D

Acq: 07 May 2021 20:59

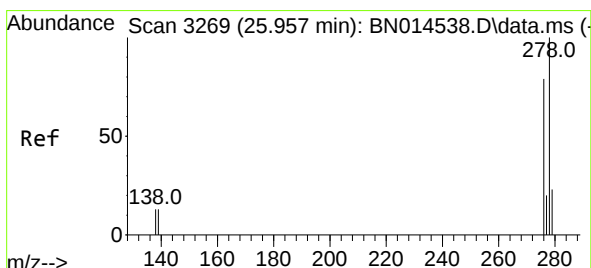
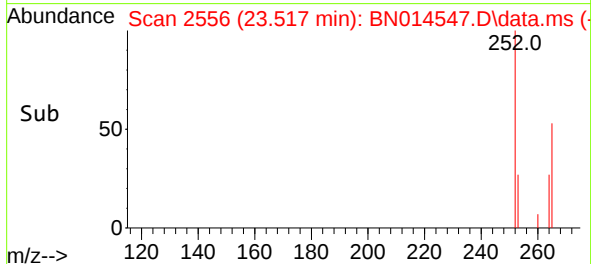
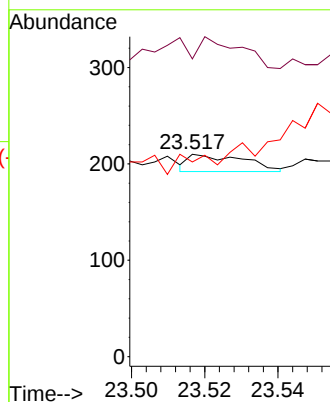
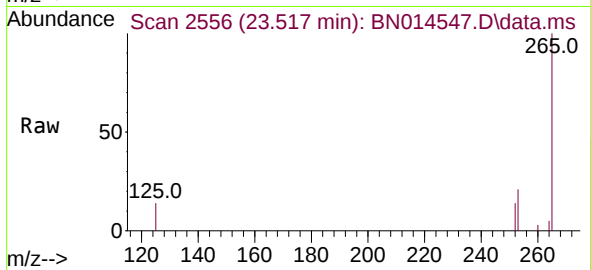
Tgt Ion:252	Resp:	19
Ion Ratio	Lower	Upper
252	100	
253	147.1	21.8 32.6#
125	96.2	14.9 22.3#

Instrument :

BNA_N

ClientSampleId :

BP-VPB-RW8-GW-538-540



#40

Dibenzo(a,h)anthracene

Concen: 4.77 ng

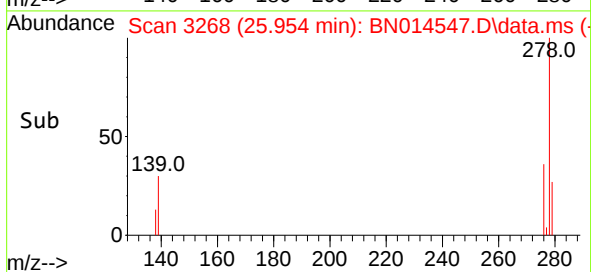
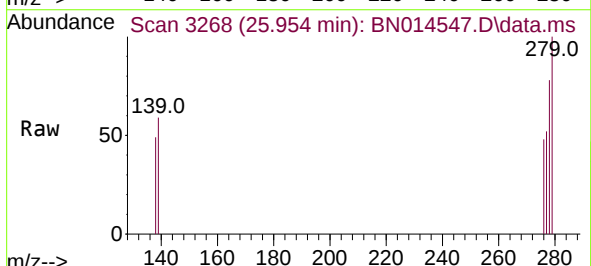
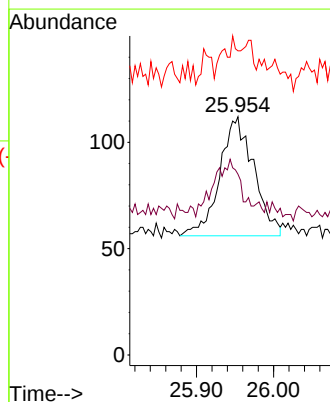
RT: 25.954 min Scan# 3268

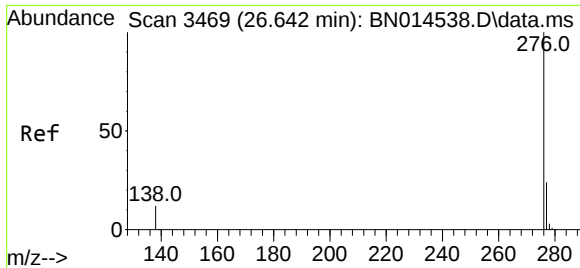
Delta R.T. -0.003 min

Lab File: BN014547.D

Acq: 07 May 2021 20:59

Tgt Ion:278	Resp:	172
Ion Ratio	Lower	Upper
278	100	
139	75.9	13.9 20.9#
279	127.7	20.7 31.1#





#41
 Benzo(g,h,i)perylene
 Concen: 0.23 ng
 RT: 26.625 min Scan# 3464
 Delta R.T. -0.017 min
 Lab File: BN014547.D
 Acq: 07 May 2021 20:59

Instrument :
 BNA_N
 ClientSampleId :
 BP-VPB-RW8-GW-538-540

Tgt Ion:	276	Resp:	8
Ion Ratio	Lower	Upper	
276	100		
277	120.6	19.6	29.4#
138	101.6	17.5	26.3#

