

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN052121\
 Data File : BN014710.D
 Acq On : 22 May 2021 02:56
 Operator : CG/JU
 Sample : M2411-06
 Misc :
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 BP-VPB-RW8-GW-798-800

Quant Time: May 22 04:04:13 2021
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\8270-SIM-BN051121.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri May 21 11:30:28 2021
 Response via : Initial Calibration

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

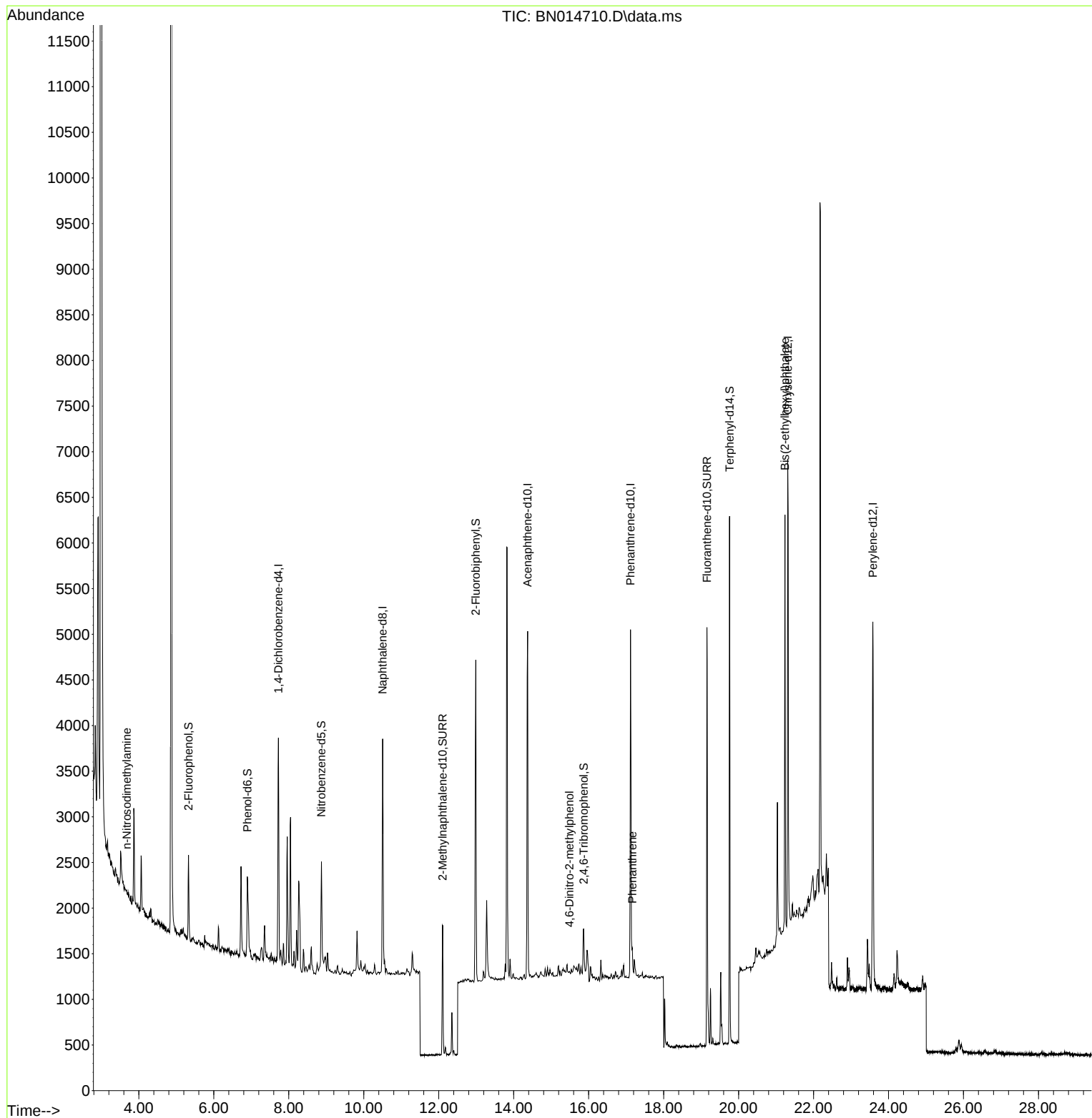
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.724	152	944	0.40	ng	# 0.00
7) Naphthalene-d8	10.505	136	3419	0.40	ng	# 0.00
13) Acenaphthene-d10	14.372	164	2442	0.40	ng	0.00
19) Phenanthrene-d10	17.116	188	5243	0.40	ng	# 0.00
29) Chrysene-d12	21.311	240	5420	0.40	ng	# 0.00
35) Perylene-d12	23.582	264	5389	0.40	ng	0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.325	112	731	0.29	ng	0.00
5) Phenol-d6	6.895	99	762	0.23	ng	0.00
8) Nitrobenzene-d5	8.870	82	1243	0.42	ng	0.00
11) 2-Methylnaphthalene-d10	12.102	152	1951	0.23	ng	0.00
14) 2,4,6-Tribromophenol	15.869	330	467	0.41	ng	0.00
15) 2-Fluorobiphenyl	12.989	172	3199	0.36	ng	0.00
27) Fluoranthene-d10	19.156	212	5420	0.23	ng	0.00
31) Terphenyl-d14	19.761	244	6086	0.48	ng	0.00
Target Compounds						
2) 1,4-Dioxane	3.279	88	56	Below Cal	#	32
3) n-Nitrosodimethylamine	3.682	42	11	0.02	ng	# 28
20) 4,6-Dinitro-2-methylph...	15.488	198	9	0.15	ng	# 1
25) Phenanthrene	17.164	178	365	0.03	ng	# 86
34) Bis(2-ethylhexyl)phtha...	21.237	149	3498	0.80	ng	# 79

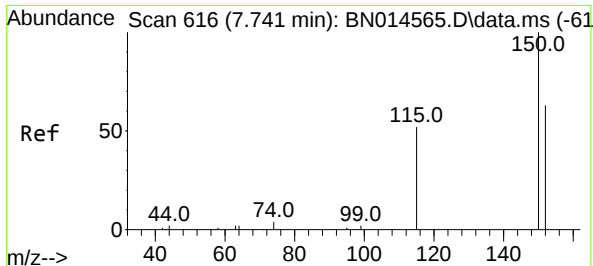
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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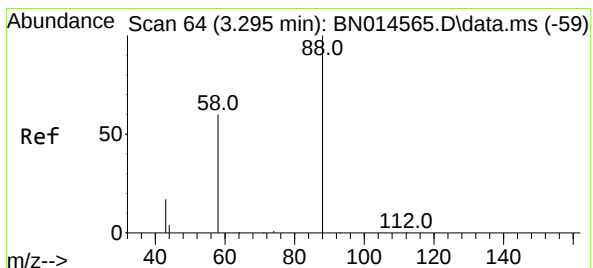
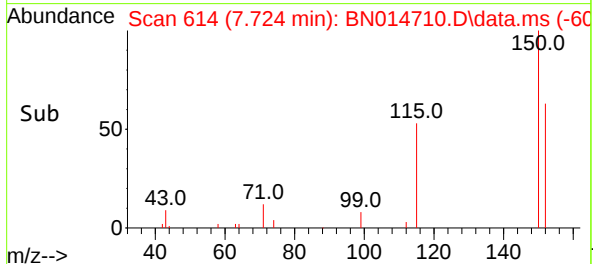
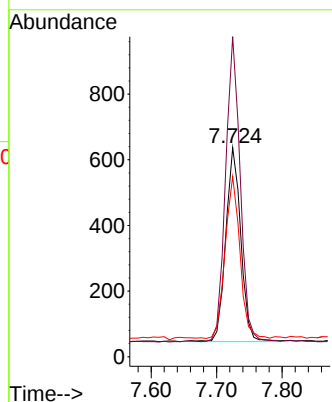
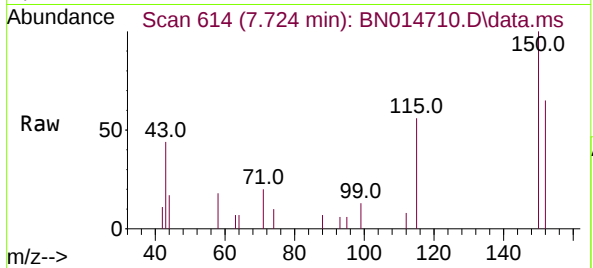




#1
 1,4-Dichlorobenzene-d4
 Concen: 0.40 ng
 RT: 7.724 min Scan# 614
 Delta R.T. -0.001 min
 Lab File: BN014710.D
 Acq: 22 May 2021 02:56

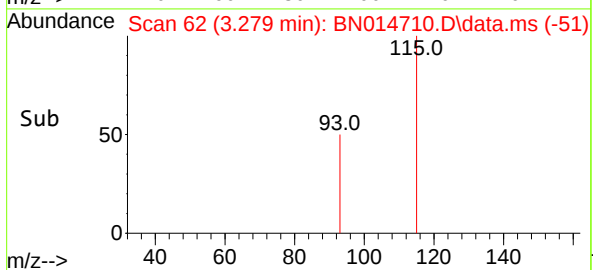
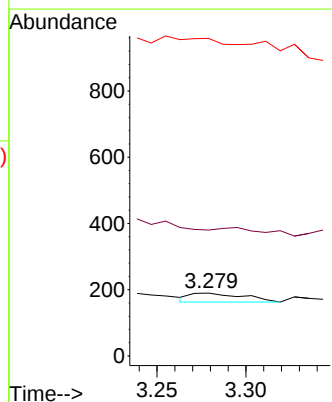
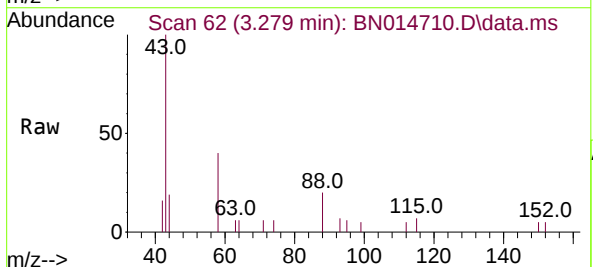
Instrument :
 BNA_N
 ClientSampleId :
 BP-VPB-RW8-GW-798-800

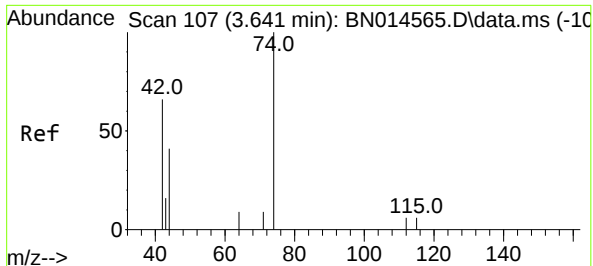
Tgt Ion:152 Resp: 944
 Ion Ratio Lower Upper
 152 100
 150 153.1 123.8 185.8
 115 86.2 47.0 70.4#



#2
 1,4-Dioxane
 Concen: Below Cal
 RT: 3.279 min Scan# 62
 Delta R.T. -0.008 min
 Lab File: BN014710.D
 Acq: 22 May 2021 02:56

Tgt Ion: 88 Resp: 56
 Ion Ratio Lower Upper
 88 100
 58 0.0 44.4 66.6#
 43 0.0 15.9 23.9#

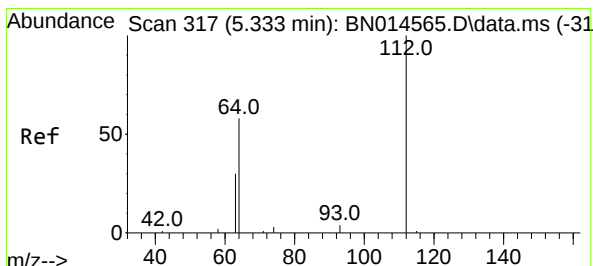
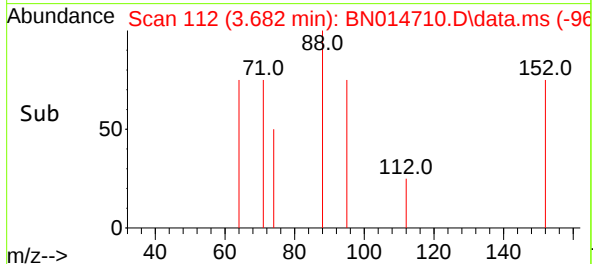
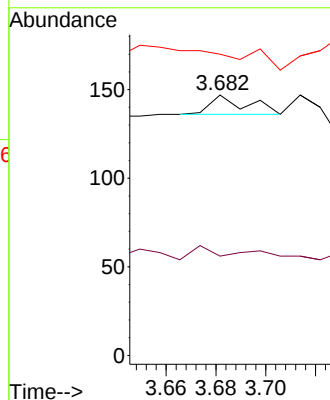
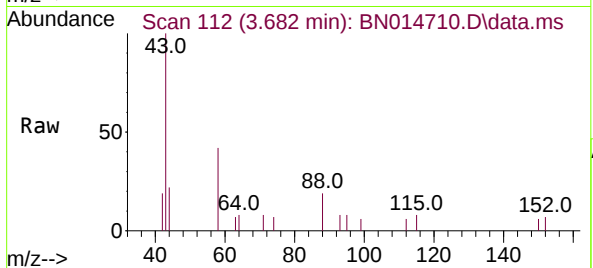




#3
n-Nitrosodimethylamine
Concen: 0.02 ng
RT: 3.682 min Scan# 112
Delta R.T. 0.032 min
Lab File: BN014710.D
Acq: 22 May 2021 02:56

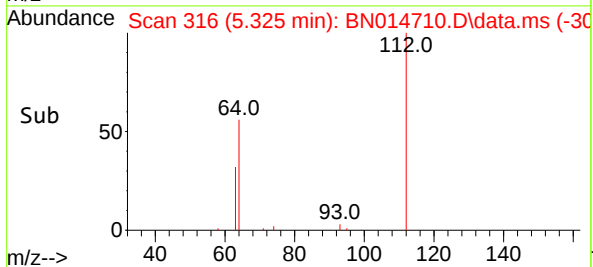
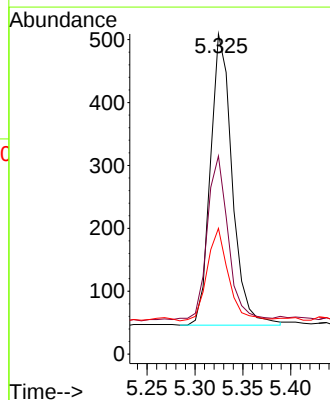
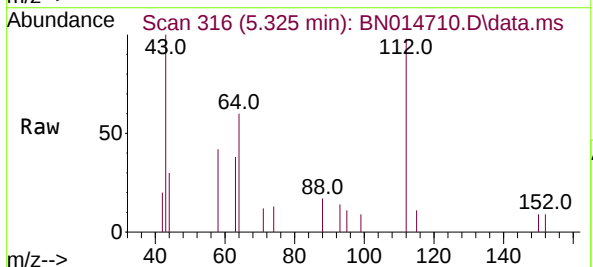
Instrument :
BNA_N
ClientSampleId :
BP-VPB-RW8-GW-798-800

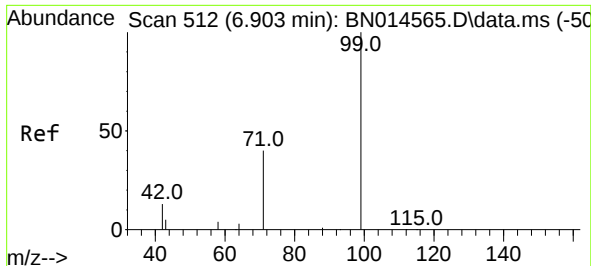
Tgt Ion: 42 Resp: 11
Ion Ratio Lower Upper
42 100
74 100.0 175.1 262.7#
44 0.0 7.5 11.3#



#4
2-Fluorophenol
Concen: 0.29 ng
RT: 5.325 min Scan# 316
Delta R.T. -0.000 min
Lab File: BN014710.D
Acq: 22 May 2021 02:56

Tgt Ion: 112 Resp: 731
Ion Ratio Lower Upper
112 100
64 56.1 41.8 62.6
63 31.3 22.0 33.0

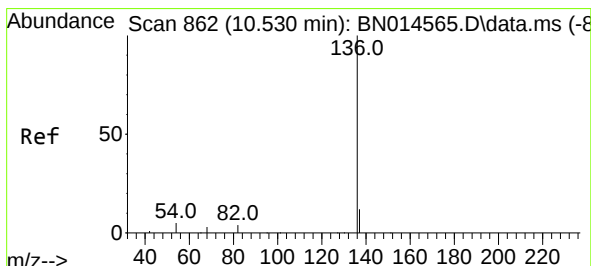
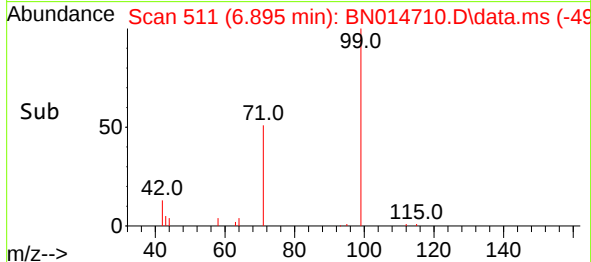
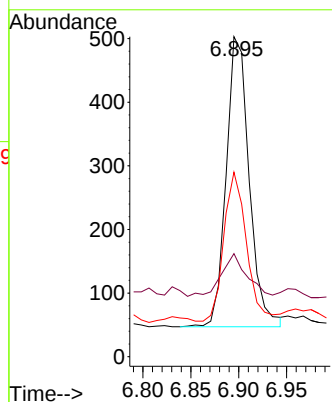
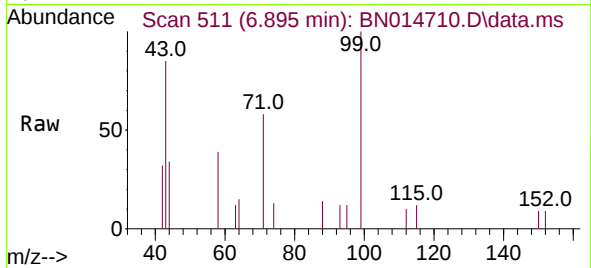




#5
Phenol-d6
Concen: 0.23 ng
RT: 6.895 min Scan# 511
Delta R.T. -0.000 min
Lab File: BN014710.D
Acq: 22 May 2021 02:56

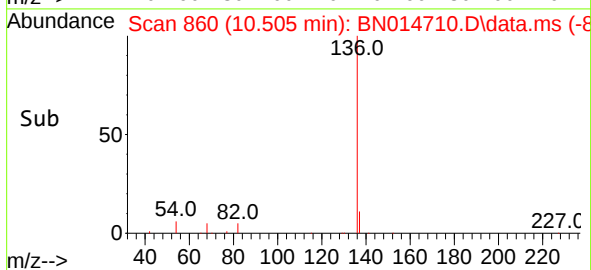
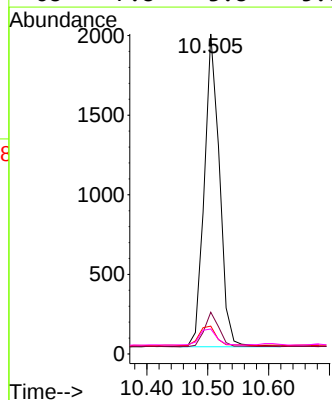
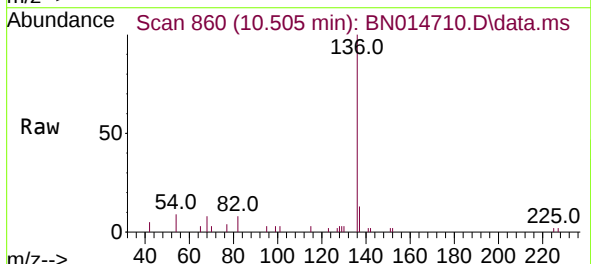
Instrument :
BNA_N
ClientSampleId :
BP-VPB-RW8-GW-798-800

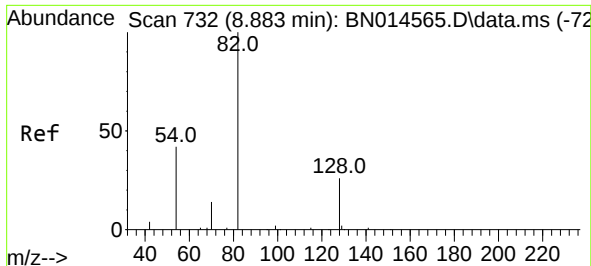
Tgt Ion:	99	Resp:	762
Ion	Ratio	Lower	Upper
99	100		
42	14.4	13.2	19.8
71	50.1	26.2	39.2#



#7
Naphthalene-d8
Concen: 0.40 ng
RT: 10.505 min Scan# 860
Delta R.T. -0.000 min
Lab File: BN014710.D
Acq: 22 May 2021 02:56

Tgt Ion:	136	Resp:	3419
Ion	Ratio	Lower	Upper
136	100		
137	13.1	8.9	13.3
54	8.7	3.8	5.8#
68	7.8	3.8	5.6#

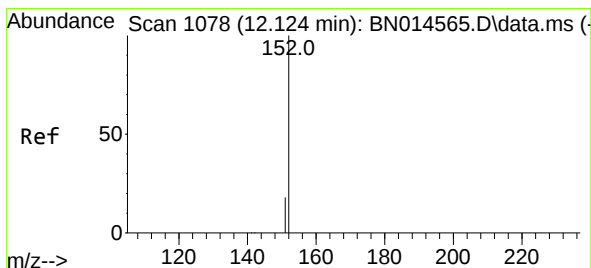
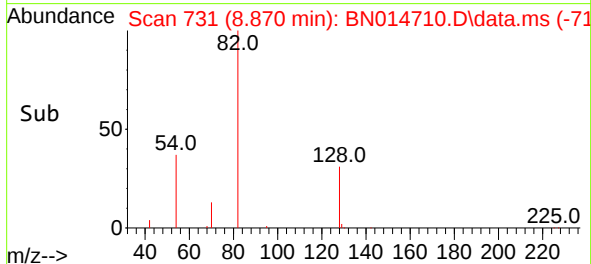
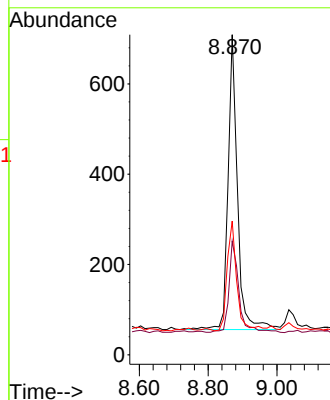
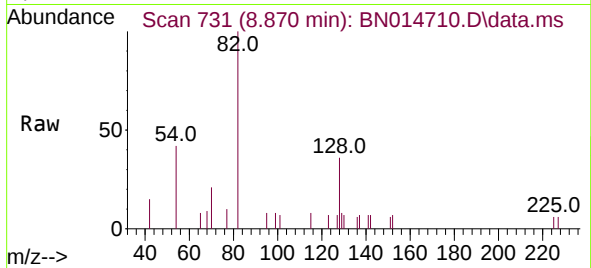




#8
Nitrobenzene-d5
Concen: 0.42 ng
RT: 8.870 min Scan# 731
Delta R.T. -0.000 min
Lab File: BN014710.D
Acq: 22 May 2021 02:56

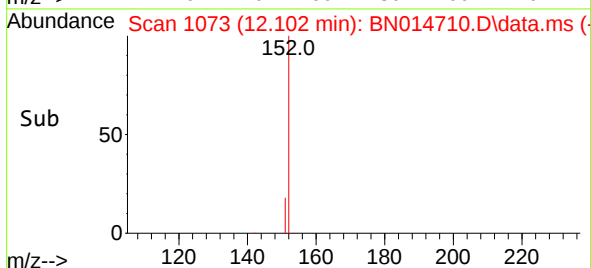
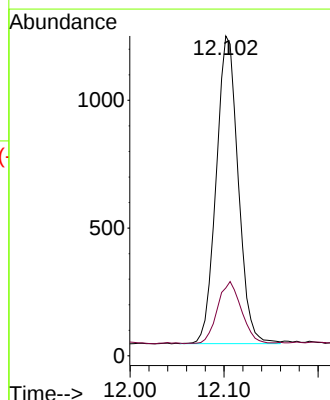
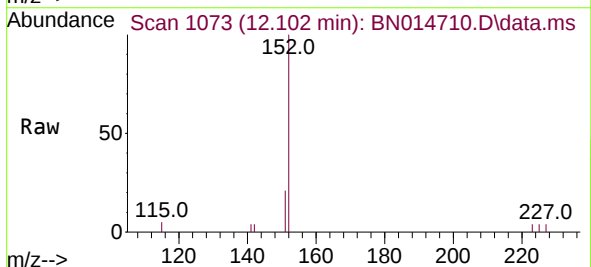
Instrument :
BNA_N
ClientSampleId :
BP-VPB-RW8-GW-798-800

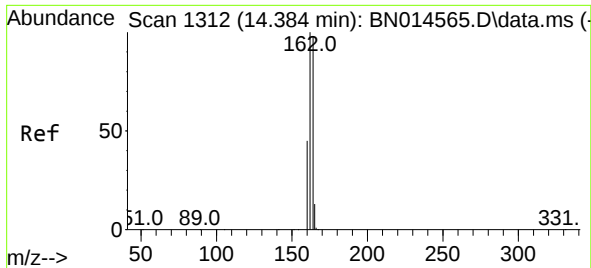
Tgt Ion: 82 Resp: 1243
Ion Ratio Lower Upper
82 100
128 35.5 29.5 44.3
54 41.7 36.9 55.3



#11
2-Methylnaphthalene-d10
Concen: 0.23 ng
RT: 12.102 min Scan# 1073
Delta R.T. -0.000 min
Lab File: BN014710.D
Acq: 22 May 2021 02:56

Tgt Ion: 152 Resp: 1951
Ion Ratio Lower Upper
152 100
151 21.7 16.2 24.2

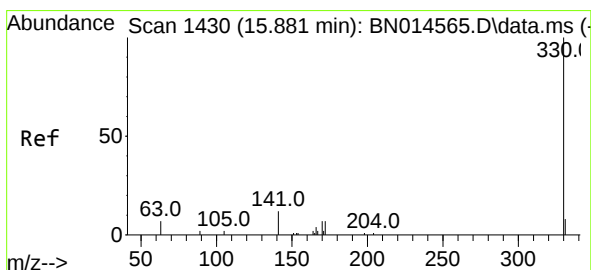
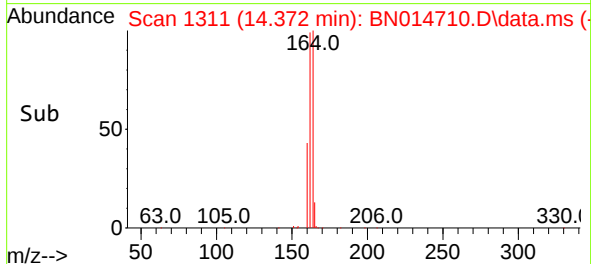
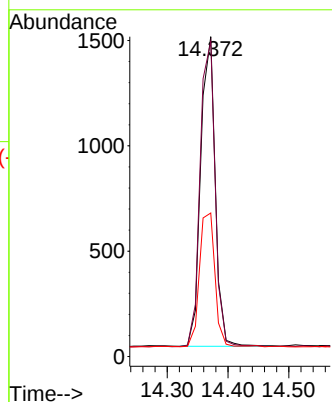
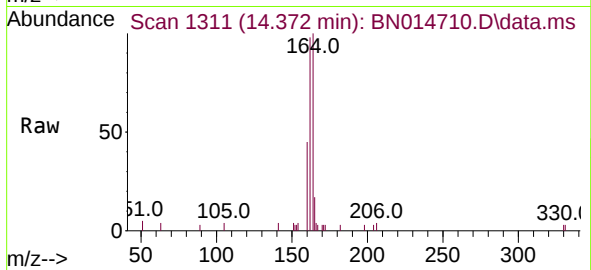




#13
Acenaphthene-d10
Concen: 0.40 ng
RT: 14.372 min Scan# 1311
Delta R.T. -0.000 min
Lab File: BN014710.D
Acq: 22 May 2021 02:56

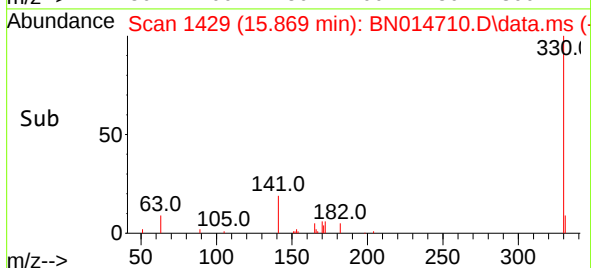
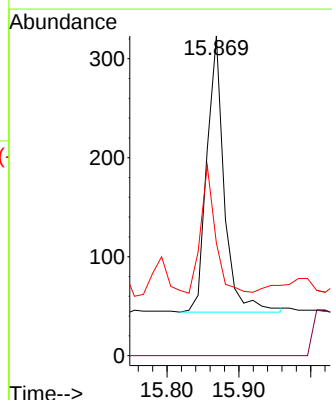
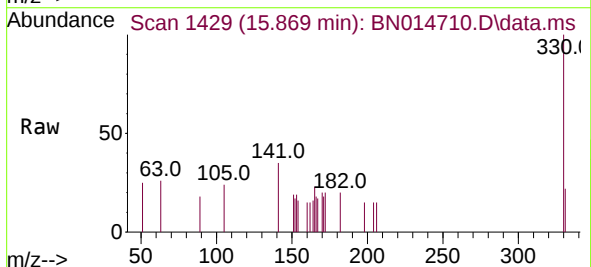
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ClientSampleId :
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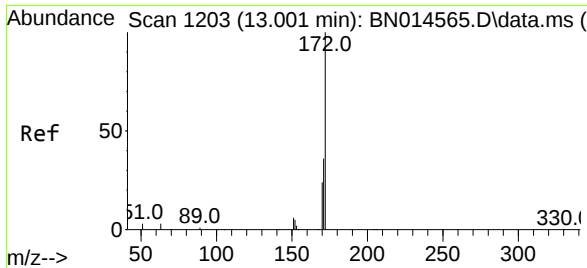
Tgt Ion:164 Resp: 2442
Ion Ratio Lower Upper
164 100
162 98.5 78.6 118.0
160 44.9 35.8 53.8



#14
2,4,6-Tribromophenol
Concen: 0.41 ng
RT: 15.869 min Scan# 1429
Delta R.T. -0.000 min
Lab File: BN014710.D
Acq: 22 May 2021 02:56

Tgt Ion:330 Resp: 467
Ion Ratio Lower Upper
330 100
332 0.0 0.0 0.0
141 39.2 27.0 40.4

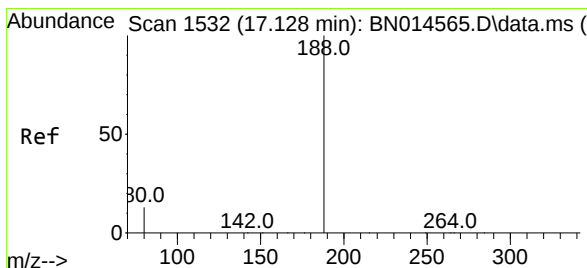
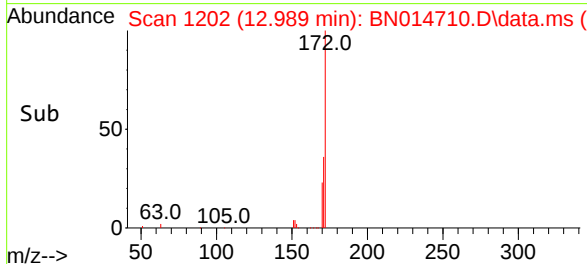
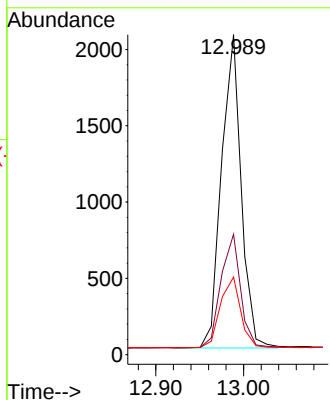
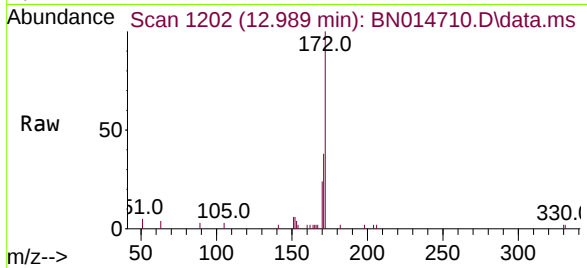




#15
2-Fluorobiphenyl
Concen: 0.36 ng
RT: 12.989 min Scan# 1202
Delta R.T. -0.000 min
Lab File: BN014710.D
Acq: 22 May 2021 02:56

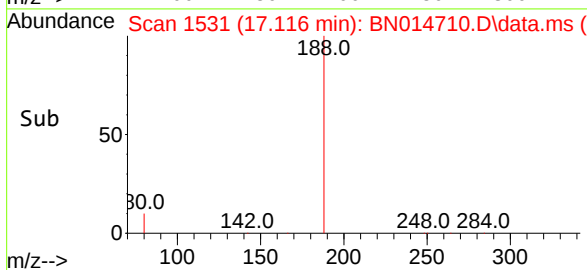
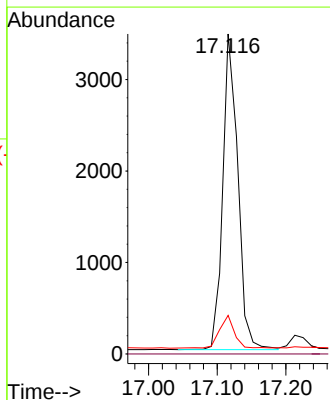
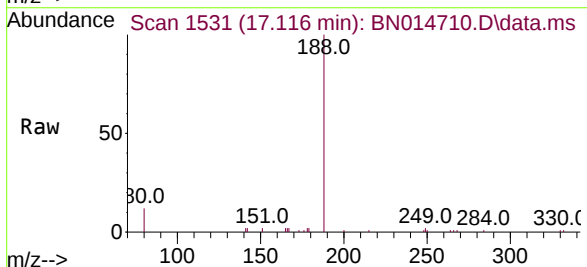
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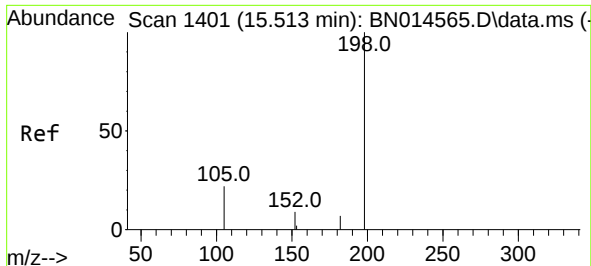
Tgt Ion:	172	Resp:	3199
Ion Ratio	Lower	Upper	
172	100		
171	37.6	27.1	40.7
170	24.3	18.3	27.5



#19
Phenanthrene-d10
Concen: 0.40 ng
RT: 17.116 min Scan# 1531
Delta R.T. -0.001 min
Lab File: BN014710.D
Acq: 22 May 2021 02:56

Tgt Ion:	188	Resp:	5243
Ion Ratio	Lower	Upper	
188	100		
94	0.0	0.0	0.0
80	12.0	5.2	7.8#

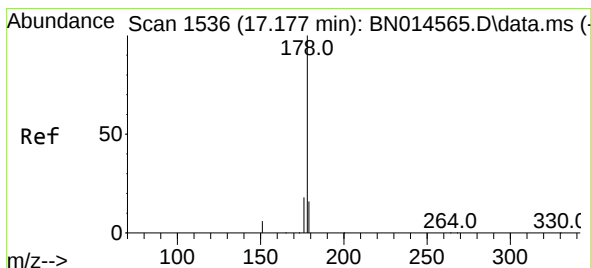
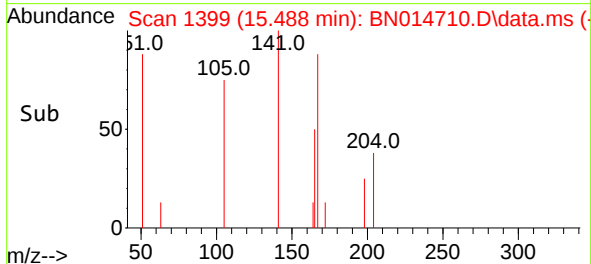
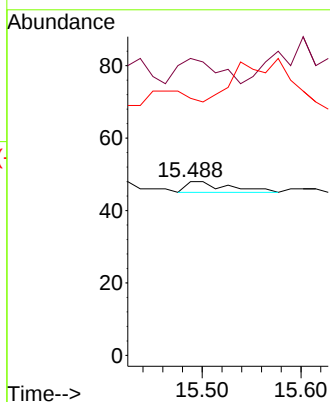
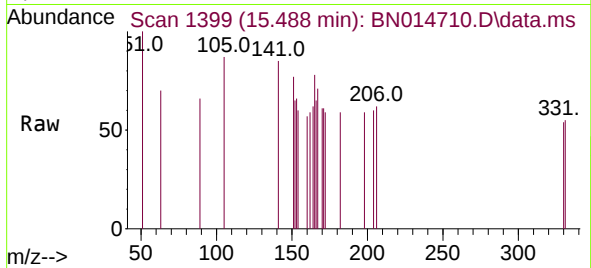




#20
4,6-Dinitro-2-methylphenol
Concen: 0.15 ng
RT: 15.488 min Scan# 1399
Delta R.T. -0.013 min
Lab File: BN014710.D
Acq: 22 May 2021 02:56

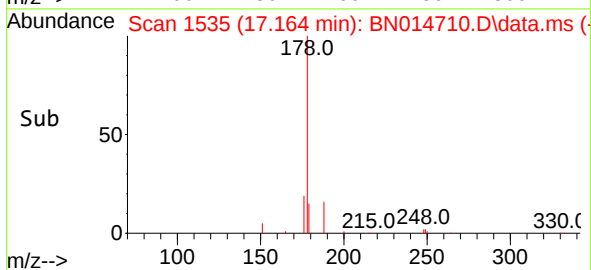
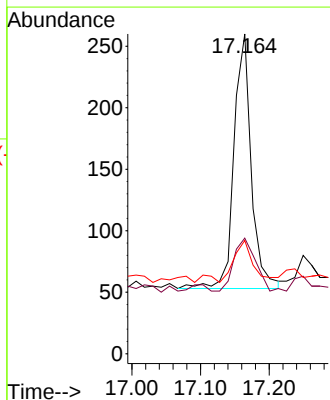
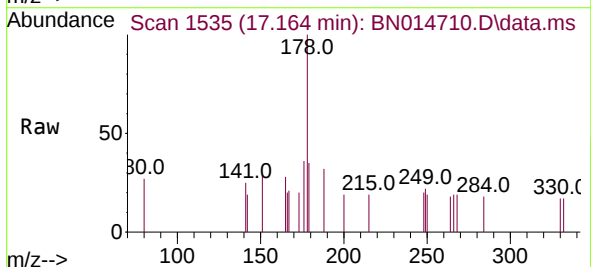
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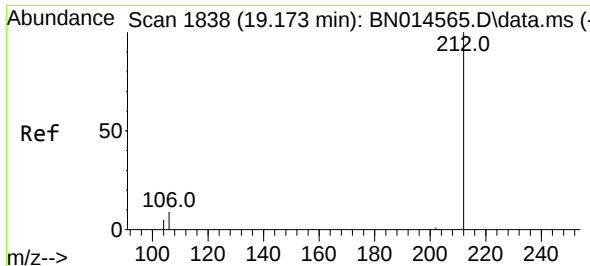
Tgt Ion:198 Resp: 9
Ion Ratio Lower Upper
198 100
51 170.8 865.3 1297.9#
105 147.9 93.6 140.4#



#25
Phenanthrene
Concen: 0.03 ng
RT: 17.164 min Scan# 1535
Delta R.T. -0.001 min
Lab File: BN014710.D
Acq: 22 May 2021 02:56

Tgt Ion:178 Resp: 365
Ion Ratio Lower Upper
178 100
176 26.8 15.2 22.8#
179 20.0 12.4 18.6#

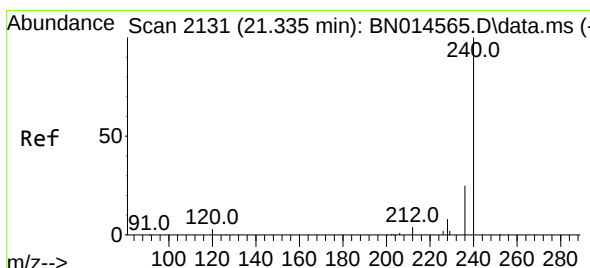
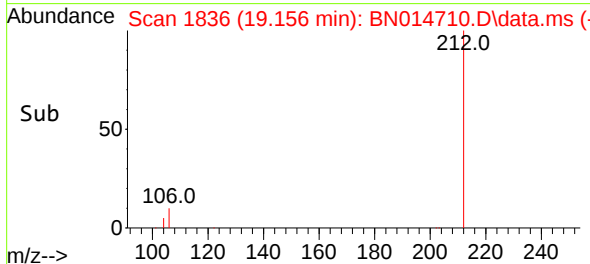
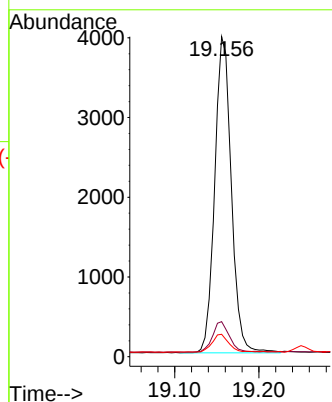
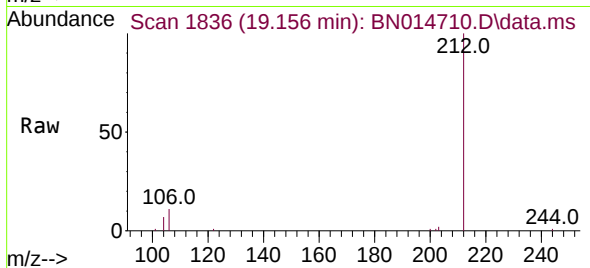




#27
Fluoranthene-d10
Concen: 0.23 ng
RT: 19.156 min Scan# 1836
Delta R.T. -0.003 min
Lab File: BN014710.D
Acq: 22 May 2021 02:56

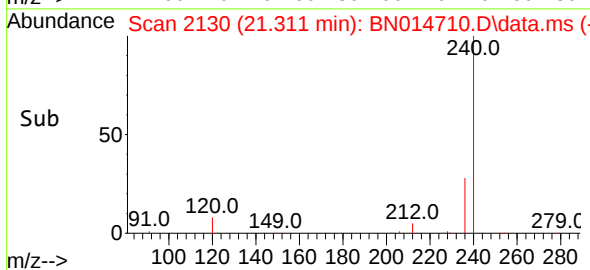
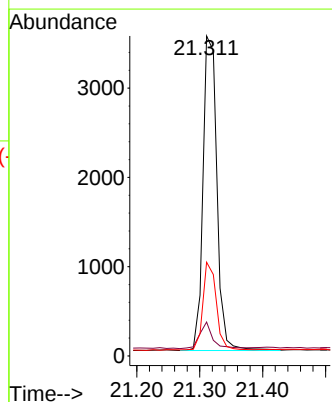
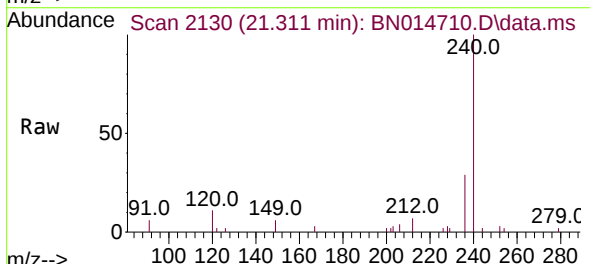
Instrument :
BNA_N
ClientSampleId :
BP-VPB-RW8-GW-798-800

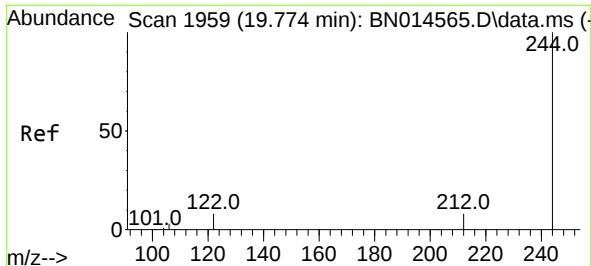
Tgt Ion:212 Resp: 5420
Ion Ratio Lower Upper
212 100
106 9.9 10.1 15.1#
104 5.6 5.4 8.2



#29
Chrysene-d12
Concen: 0.40 ng
RT: 21.311 min Scan# 2130
Delta R.T. -0.003 min
Lab File: BN014710.D
Acq: 22 May 2021 02:56

Tgt Ion:240 Resp: 5420
Ion Ratio Lower Upper
240 100
120 10.6 5.8 8.8#
236 29.3 20.6 30.8

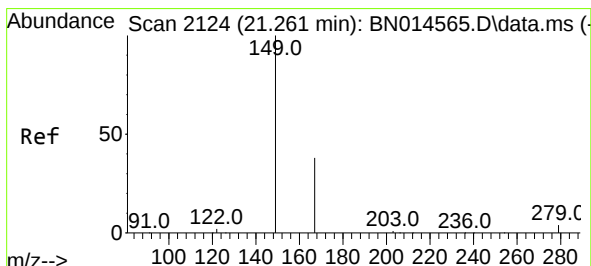
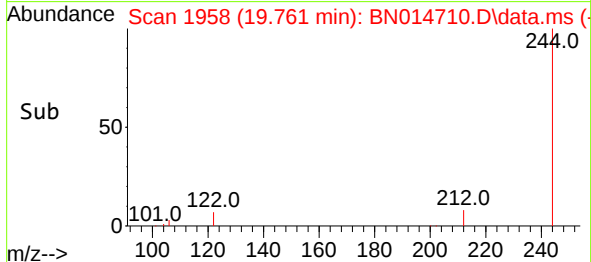
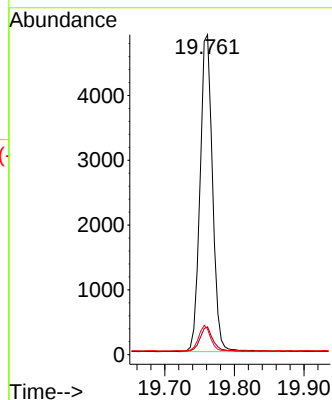
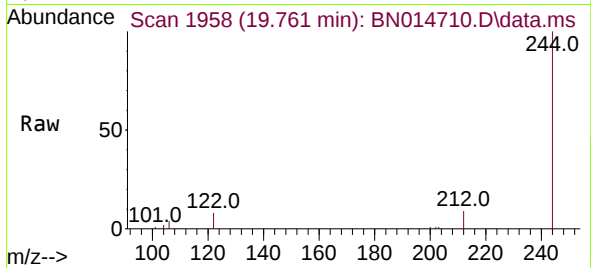




#31
 Terphenyl-d14
 Concen: 0.48 ng
 RT: 19.761 min Scan# 1958
 Delta R.T. 0.002 min
 Lab File: BN014710.D
 Acq: 22 May 2021 02:56

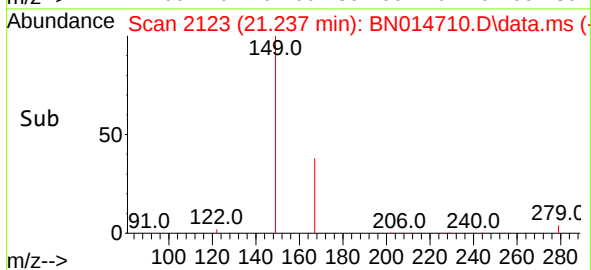
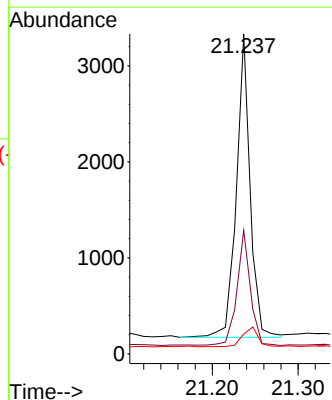
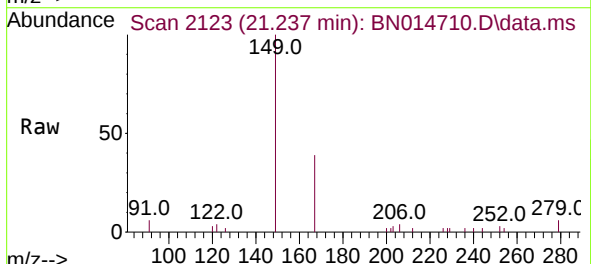
Instrument :
 BNA_N
 ClientSampleId :
 BP-VPB-RW8-GW-798-800

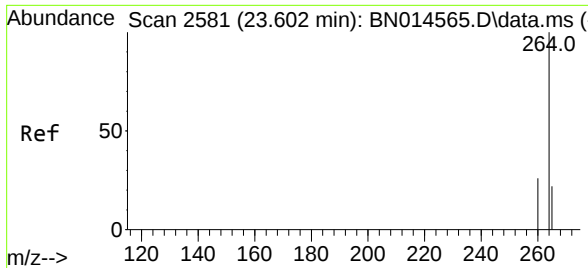
Tgt Ion:244 Resp: 6086
 Ion Ratio Lower Upper
 244 100
 212 8.7 6.0 9.0
 122 8.0 9.3 13.9#



#34
 Bis(2-ethylhexyl)phthalate
 Concen: 0.80 ng
 RT: 21.237 min Scan# 2123
 Delta R.T. -0.003 min
 Lab File: BN014710.D
 Acq: 22 May 2021 02:56

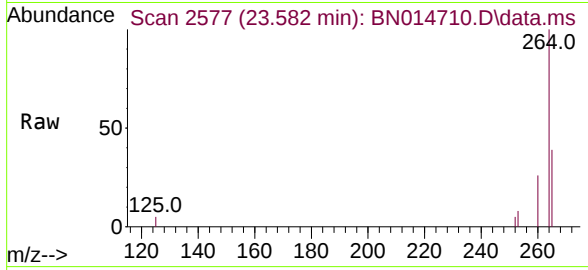
Tgt Ion:149 Resp: 3498
 Ion Ratio Lower Upper
 149 100
 167 36.9 20.5 30.7#
 279 7.3 2.9 4.3#





#35
 Perylene-d12
 Concen: 0.40 ng
 RT: 23.582 min Scan# 2577
 Delta R.T. -0.003 min
 Lab File: BN014710.D
 Acq: 22 May 2021 02:56

Instrument :
 BNA_N
ClientSampleId :
 BP-VPB-RW8-GW-798-800



Tgt Ion:264 Resp: 5389

Ion	Ratio	Lower	Upper
264	100		
260	26.2	19.5	29.3
265	38.9	35.4	53.0

