

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN052121\
 Data File : BN014711.D
 Acq On : 22 May 2021 03:31
 Operator : CG/JU
 Sample : M2411-04
 Misc :
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 BP-VPB-RW8-GW-768-770

Quant Time: May 22 04:52:18 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)

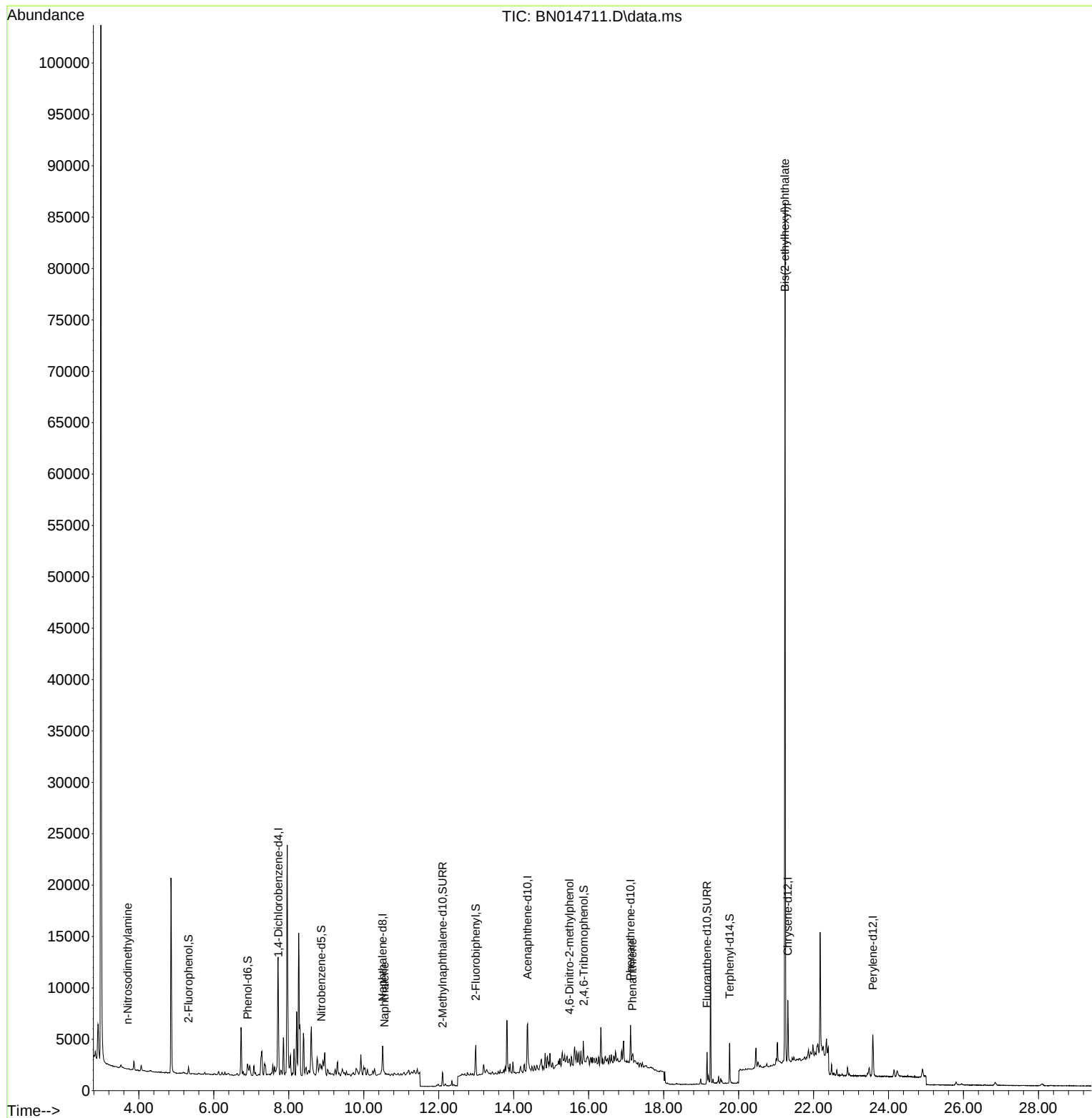
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.724	152	961	0.40	ng	# 0.00
7) Naphthalene-d8	10.505	136	3578	0.40	ng	# 0.00
13) Acenaphthene-d10	14.371	164	2621	0.40	ng	0.00
19) Phenanthrene-d10	17.116	188	5196	0.40	ng	# 0.00
29) Chrysene-d12	21.314	240	5361	0.40	ng	# 0.00
35) Perylene-d12	23.582	264	5446	0.40	ng	0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.324	112	478	0.19	ng	0.00
5) Phenol-d6	6.903	99	600	0.18	ng	0.00
8) Nitrobenzene-d5	8.870	82	1044	0.34	ng	0.00
11) 2-Methylnaphthalene-d10	12.102	152	1649	0.19	ng	0.00
14) 2,4,6-Tribromophenol	15.869	330	404	0.33	ng	0.00
15) 2-Fluorobiphenyl	12.989	172	2657	0.28	ng	0.00
27) Fluoranthene-d10	19.158	212	3654	0.16	ng	0.00
31) Terphenyl-d14	19.759	244	3833	0.30	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.271	88	20	Below Cal	#	1
3) n-Nitrosodimethylamine	3.706	42	17	0.04	ng	# 1
9) Naphthalene	10.556	128	274	0.03	ng	# 29
20) 4,6-Dinitro-2-methylph...	15.488	198	95	0.26	ng	# 1
25) Phenanthrene	17.165	178	930	0.07	ng	# 28
34) Bis(2-ethylhexyl)phtha...	21.239	149	64033	14.79	ng	# 75

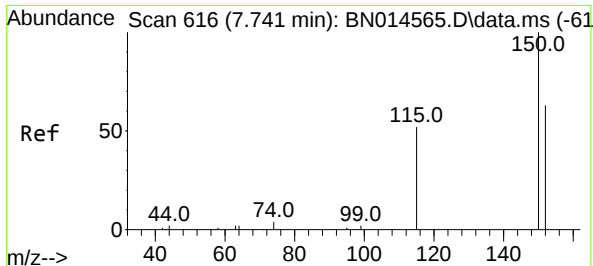
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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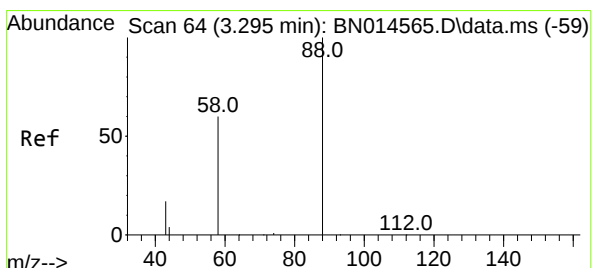
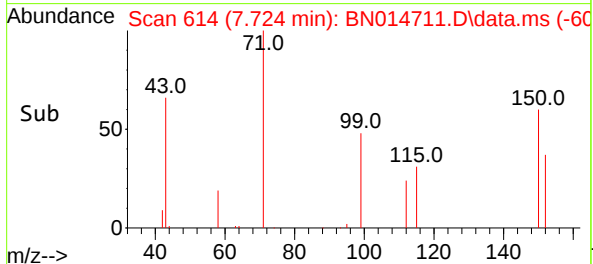
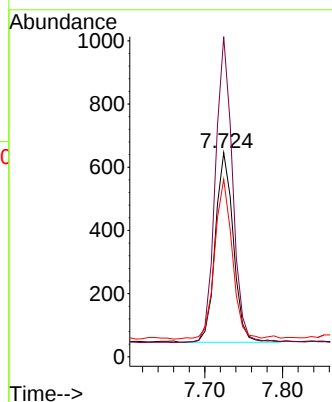
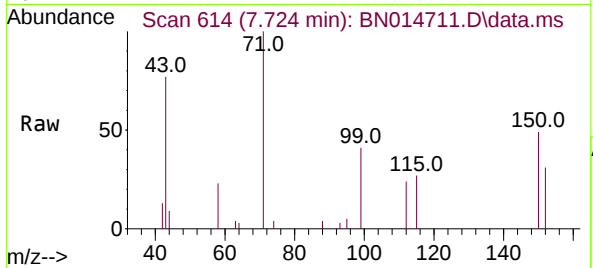




#1
1,4-Dichlorobenzene-d4
Concen: 0.40 ng
RT: 7.724 min Scan# 614
Delta R.T. -0.001 min
Lab File: BN014711.D
Acq: 22 May 2021 03:31

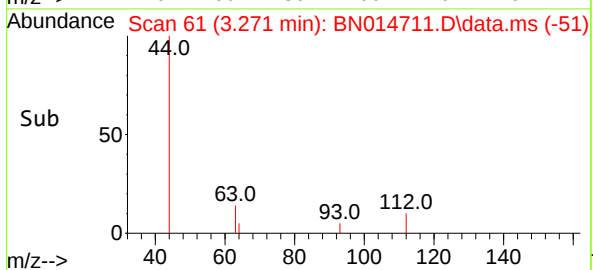
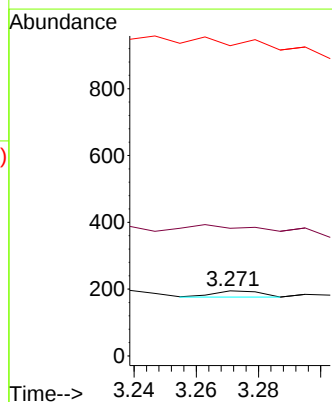
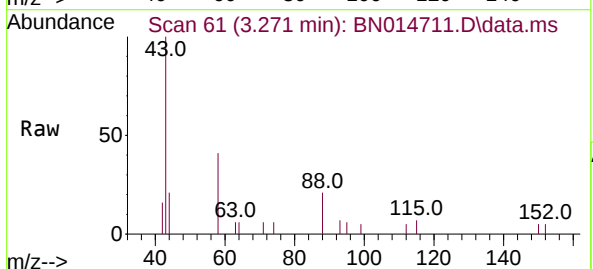
Instrument :
BNA_N
ClientSampleId :
BP-VPB-RW8-GW-768-770

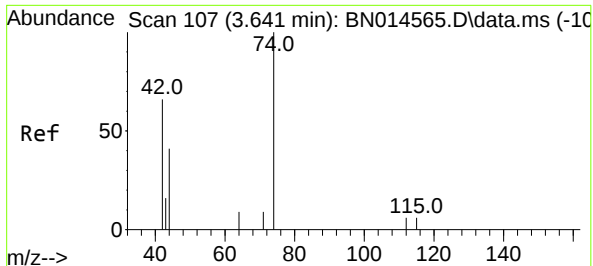
Tgt Ion:152 Resp: 961
Ion Ratio Lower Upper
152 100
150 156.8 123.8 185.8
115 87.0 47.0 70.4#



#2
1,4-Dioxane
Concen: Below Cal
RT: 3.271 min Scan# 61
Delta R.T. -0.016 min
Lab File: BN014711.D
Acq: 22 May 2021 03:31

Tgt Ion: 88 Resp: 20
Ion Ratio Lower Upper
88 100
58 405.0 44.4 66.6#
43 0.0 15.9 23.9#

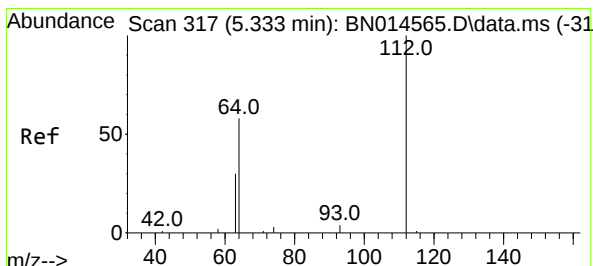
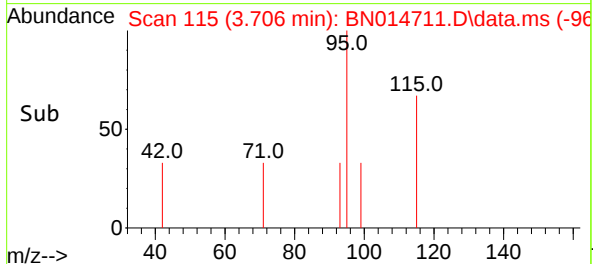
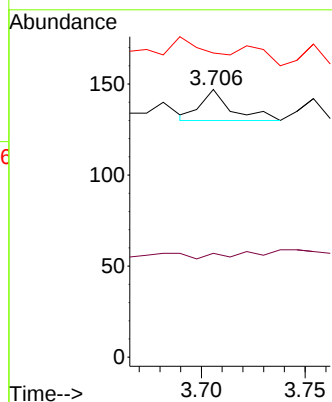
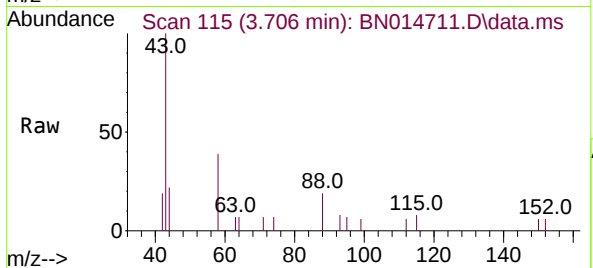




#3
n-Nitrosodimethylamine
Concen: 0.04 ng
RT: 3.706 min Scan# 115
Delta R.T. 0.056 min
Lab File: BN014711.D
Acq: 22 May 2021 03:31

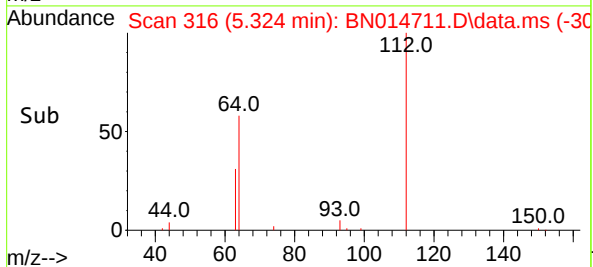
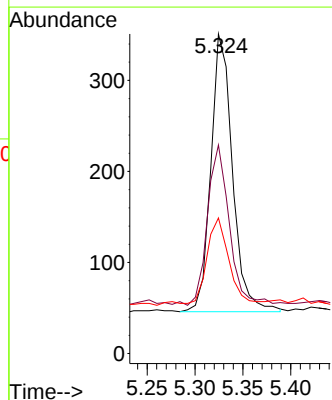
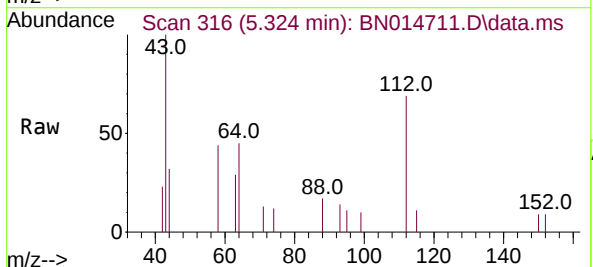
Instrument :
BNA_N
ClientSampleId :
BP-VPB-RW8-GW-768-770

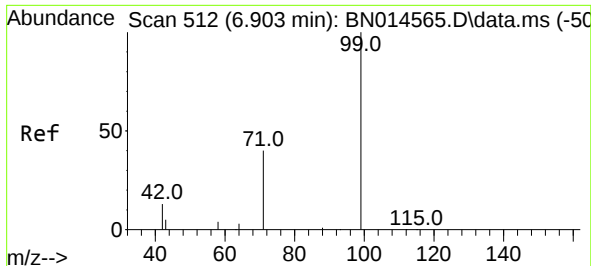
Tgt Ion: 42 Resp: 17
Ion Ratio Lower Upper
42 100
74 0.0 175.1 262.7#
44 0.0 7.5 11.3#



#4
2-Fluorophenol
Concen: 0.19 ng
RT: 5.324 min Scan# 316
Delta R.T. -0.000 min
Lab File: BN014711.D
Acq: 22 May 2021 03:31

Tgt Ion: 112 Resp: 478
Ion Ratio Lower Upper
112 100
64 57.3 41.8 62.6
63 30.8 22.0 33.0

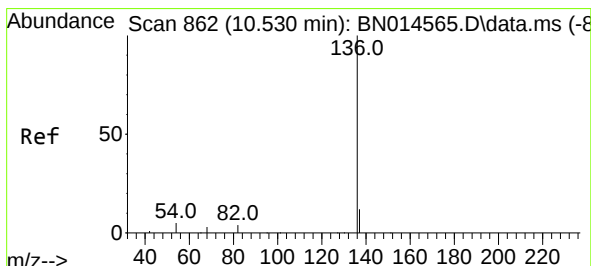
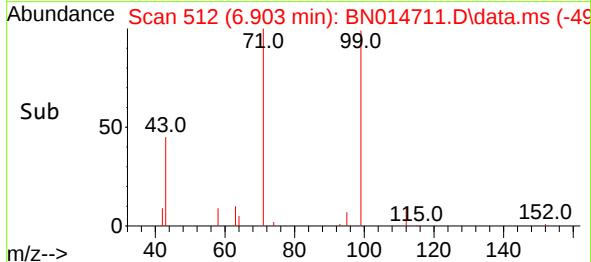
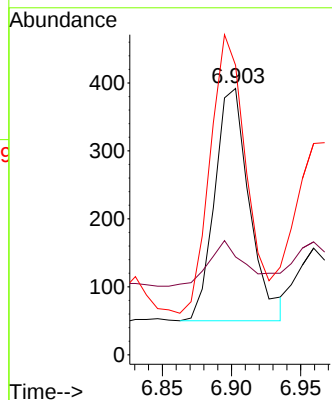
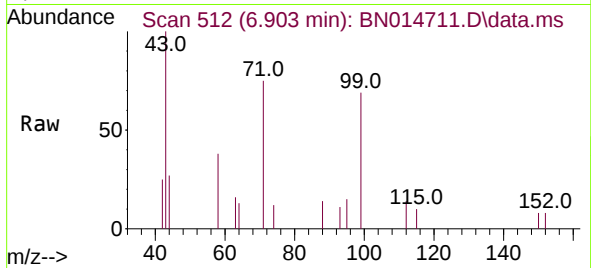




#5
Phenol-d6
Concen: 0.18 ng
RT: 6.903 min Scan# 512
Delta R.T. 0.008 min
Lab File: BN014711.D
Acq: 22 May 2021 03:31

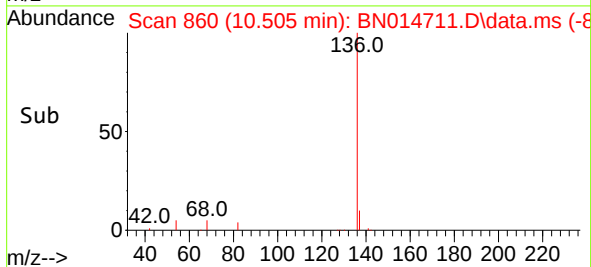
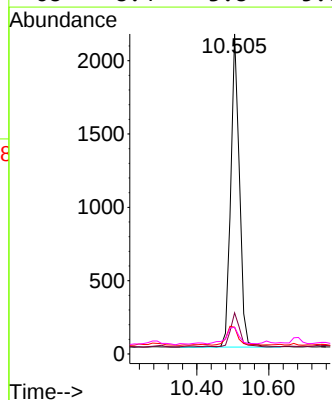
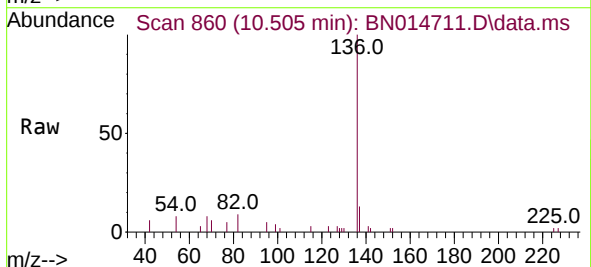
Instrument :
BNA_N
ClientSampleId :
BP-VPB-RW8-GW-768-770

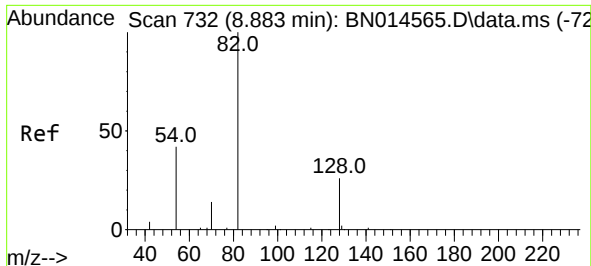
Tgt Ion: 99 Resp: 600
Ion Ratio Lower Upper
99 100
42 20.3 13.2 19.8#
71 123.2 26.2 39.2#



#7
Naphthalene-d8
Concen: 0.40 ng
RT: 10.505 min Scan# 860
Delta R.T. -0.000 min
Lab File: BN014711.D
Acq: 22 May 2021 03:31

Tgt Ion: 136 Resp: 3578
Ion Ratio Lower Upper
136 100
137 12.9 8.9 13.3
54 8.4 3.8 5.8#
68 8.4 3.8 5.6#

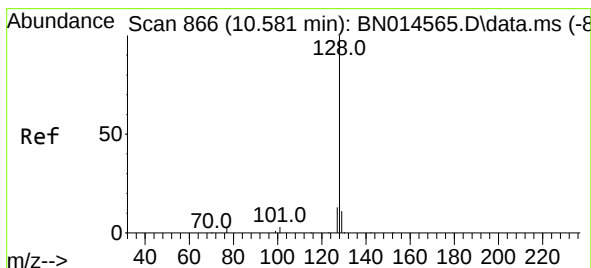
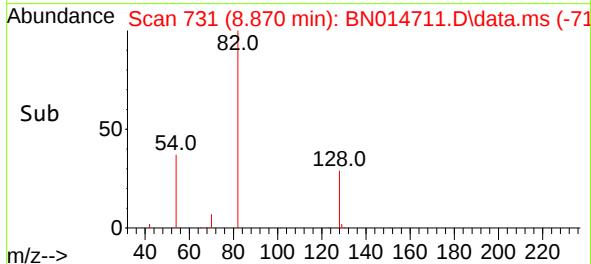
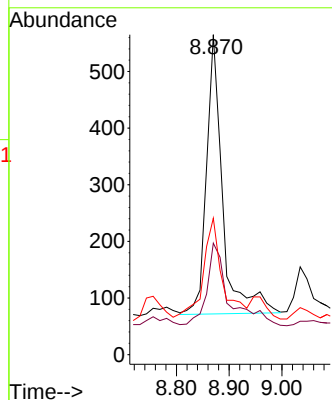
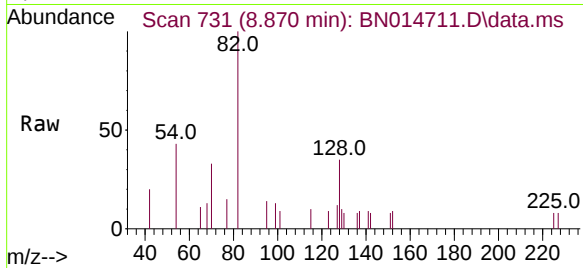




#8
Nitrobenzene-d5
Concen: 0.34 ng
RT: 8.870 min Scan# 731
Delta R.T. -0.000 min
Lab File: BN014711.D
Acq: 22 May 2021 03:31

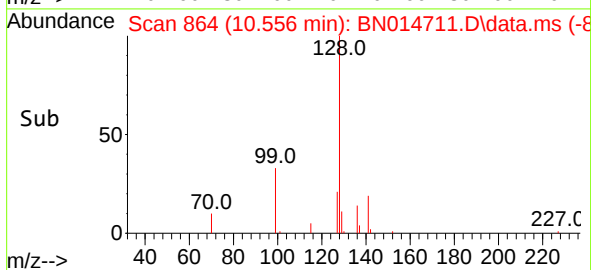
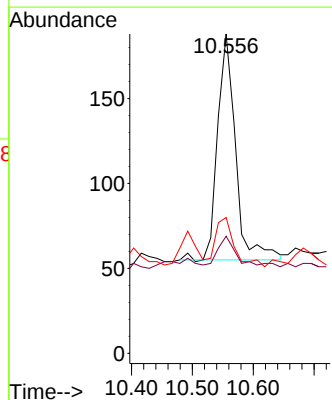
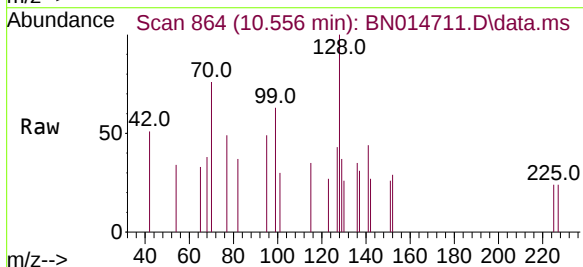
Instrument :
BNA_N
ClientSampleId :
BP-VPB-RW8-GW-768-770

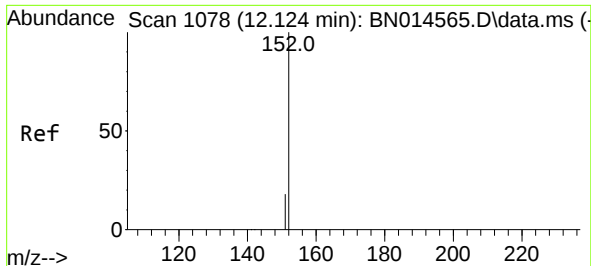
Tgt Ion:	82	Resp:	1044
Ion	Ratio	Lower	Upper
82	100		
128	34.9	29.5	44.3
54	42.7	36.9	55.3



#9
Naphthalene
Concen: 0.03 ng
RT: 10.556 min Scan# 864
Delta R.T. -0.000 min
Lab File: BN014711.D
Acq: 22 May 2021 03:31

Tgt Ion:	128	Resp:	274
Ion	Ratio	Lower	Upper
128	100		
129	36.7	9.0	13.4#
127	42.6	10.4	15.6#

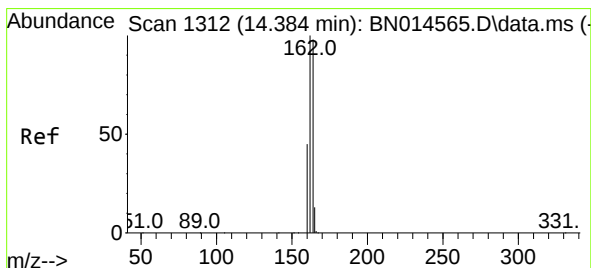
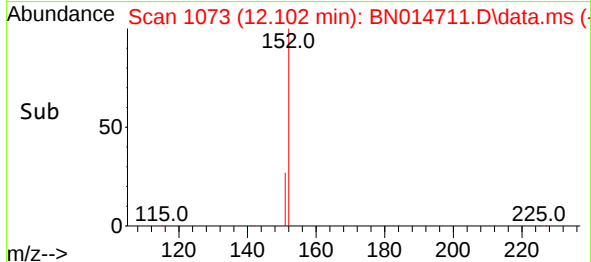
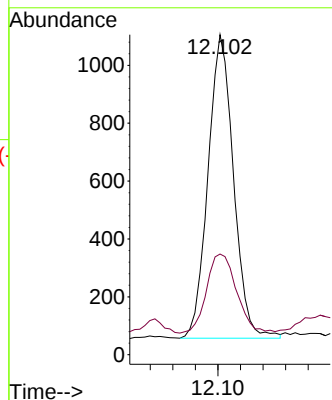
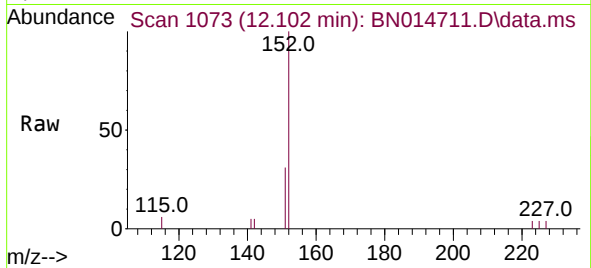




#11
2-Methylnaphthalene-d10
Concen: 0.19 ng
RT: 12.102 min Scan# 1073
Delta R.T. -0.000 min
Lab File: BN014711.D
Acq: 22 May 2021 03:31

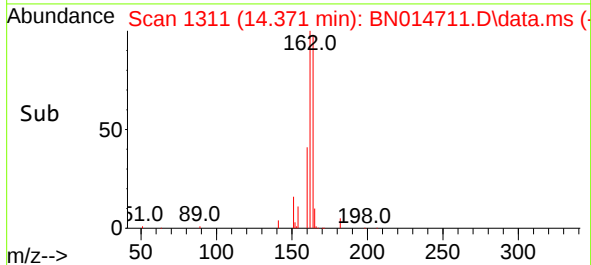
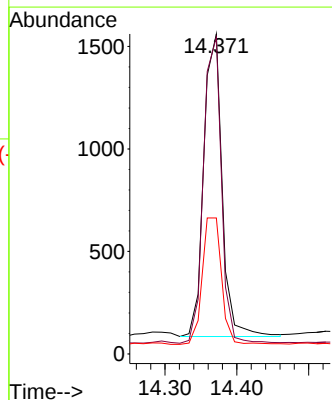
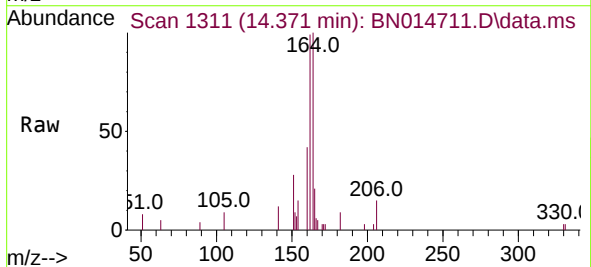
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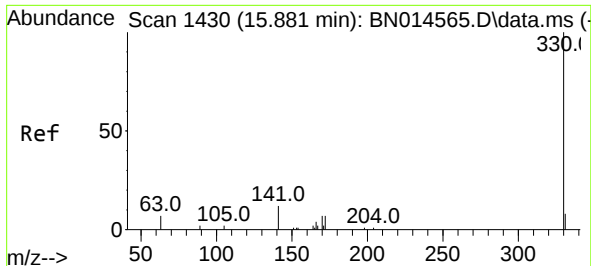
Tgt Ion:152 Resp: 1649
Ion Ratio Lower Upper
152 100
151 30.6 16.2 24.2#



#13
Acenaphthene-d10
Concen: 0.40 ng
RT: 14.371 min Scan# 1311
Delta R.T. -0.000 min
Lab File: BN014711.D
Acq: 22 May 2021 03:31

Tgt Ion:164 Resp: 2621
Ion Ratio Lower Upper
164 100
162 99.0 78.6 118.0
160 42.5 35.8 53.8

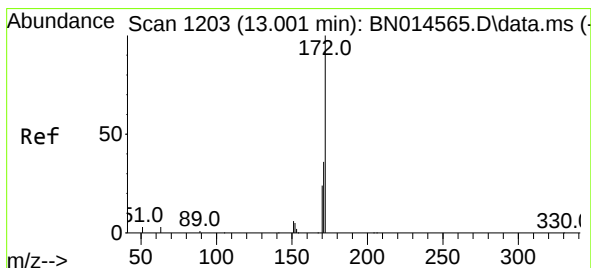
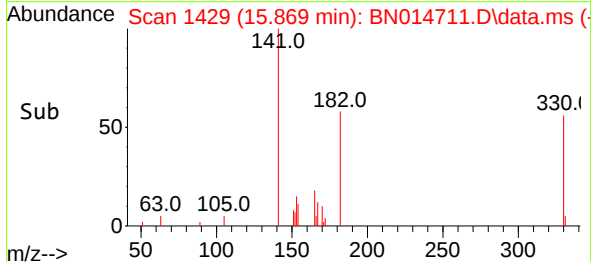
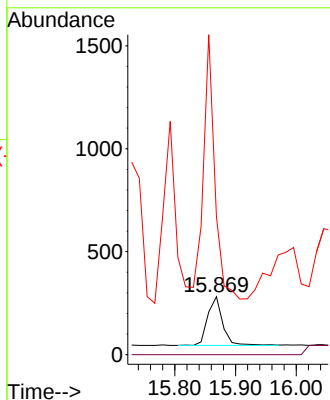
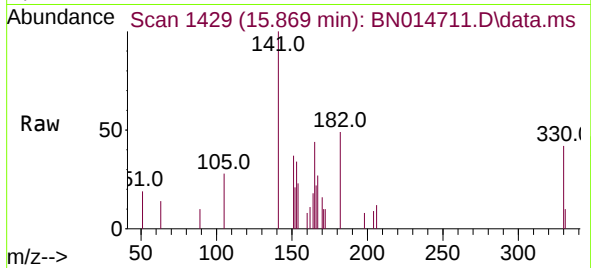




#14
2,4,6-Tribromophenol
Concen: 0.33 ng
RT: 15.869 min Scan# 1429
Delta R.T. -0.000 min
Lab File: BN014711.D
Acq: 22 May 2021 03:31

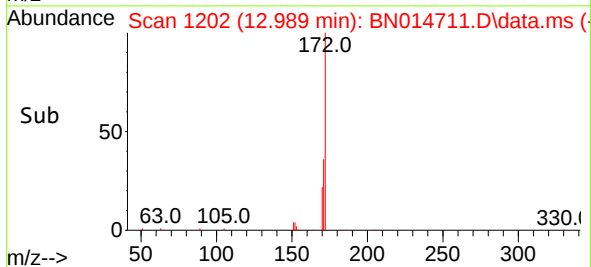
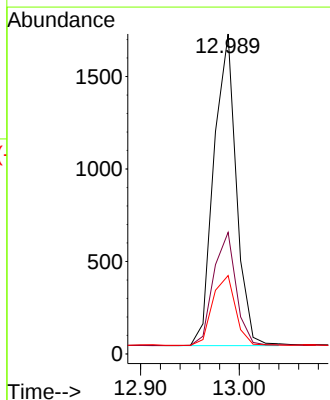
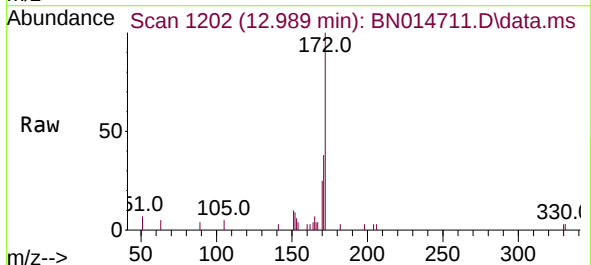
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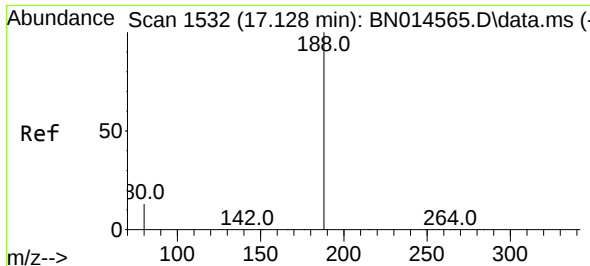
Tgt Ion:330 Resp: 404
Ion Ratio Lower Upper
330 100
332 0.0 0.0 0.0
141 403.5 27.0 40.4#



#15
2-Fluorobiphenyl
Concen: 0.28 ng
RT: 12.989 min Scan# 1202
Delta R.T. -0.000 min
Lab File: BN014711.D
Acq: 22 May 2021 03:31

Tgt Ion:172 Resp: 2657
Ion Ratio Lower Upper
172 100
171 38.0 27.1 40.7
170 24.5 18.3 27.5

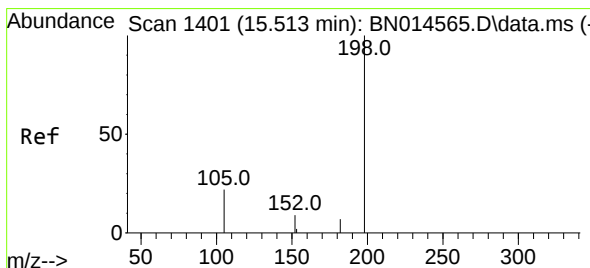
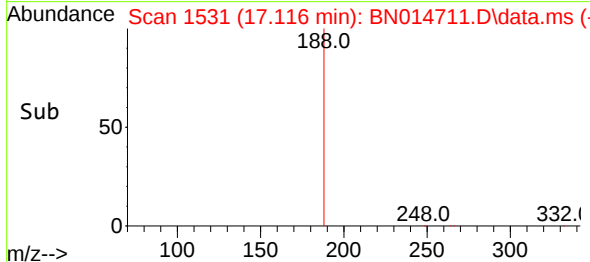
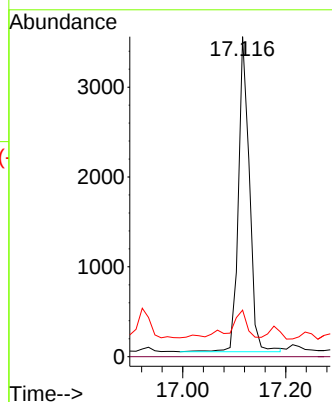
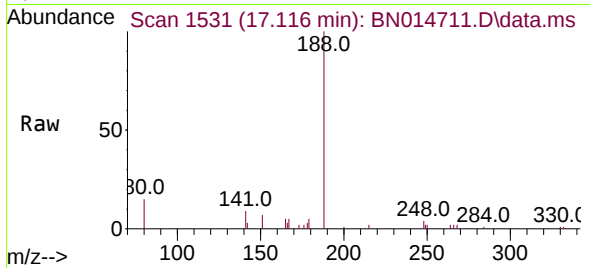




#19
Phenanthrene-d10
Concen: 0.40 ng
RT: 17.116 min Scan# 1531
Delta R.T. -0.000 min
Lab File: BN014711.D
Acq: 22 May 2021 03:31

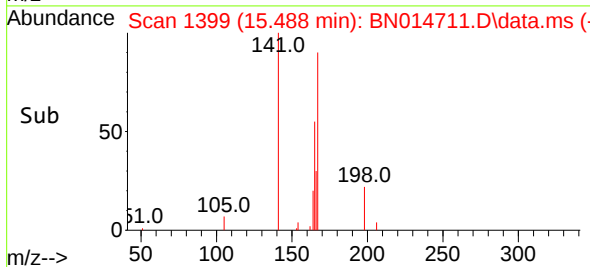
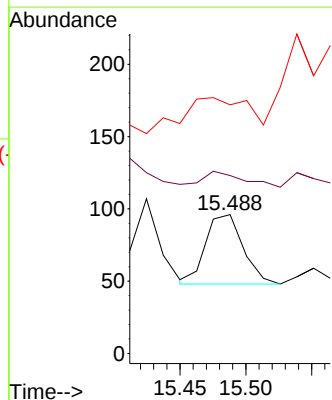
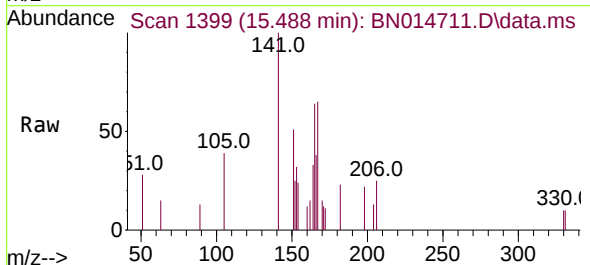
Instrument :
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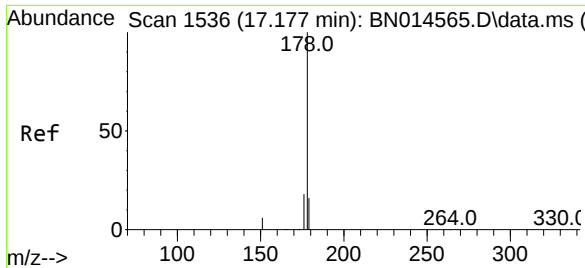
Tgt Ion:188 Resp: 5196
Ion Ratio Lower Upper
188 100
94 0.0 0.0 0.0
80 14.6 5.2 7.8#



#20
4,6-Dinitro-2-methylphenol
Concen: 0.26 ng
RT: 15.488 min Scan# 1399
Delta R.T. -0.013 min
Lab File: BN014711.D
Acq: 22 May 2021 03:31

Tgt Ion:198 Resp: 95
Ion Ratio Lower Upper
198 100
51 128.1 865.3 1297.9#
105 179.2 93.6 140.4#

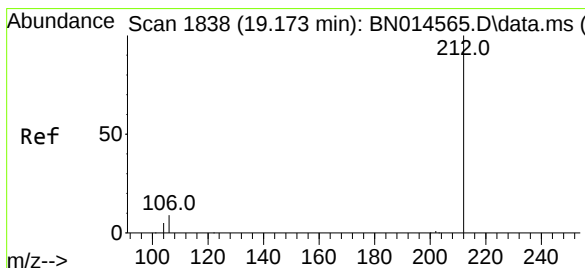
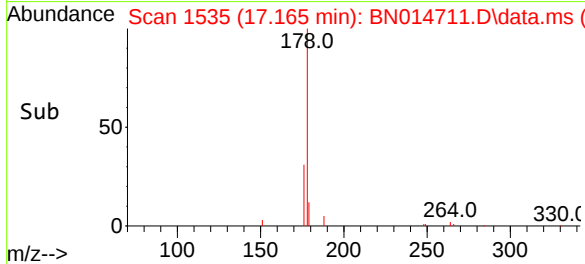
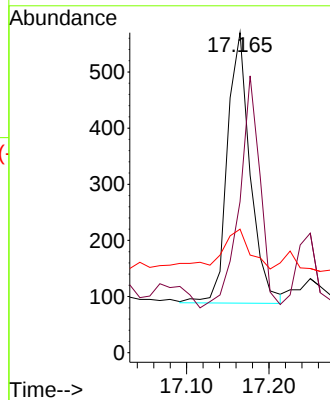
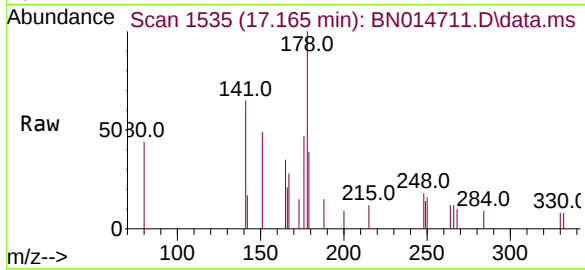




#25
Phenanthrene
Concen: 0.07 ng
RT: 17.165 min Scan# 1535
Delta R.T. -0.000 min
Lab File: BN014711.D
Acq: 22 May 2021 03:31

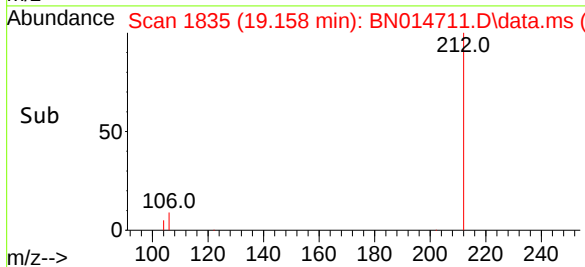
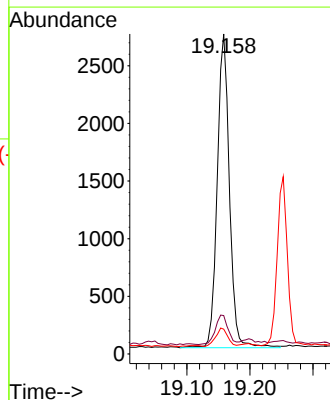
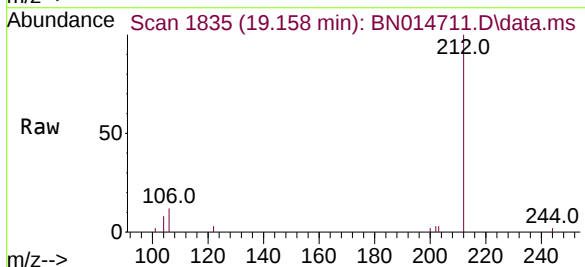
Instrument :
BNA_N
ClientSampleId :
BP-VPB-RW8-GW-768-770

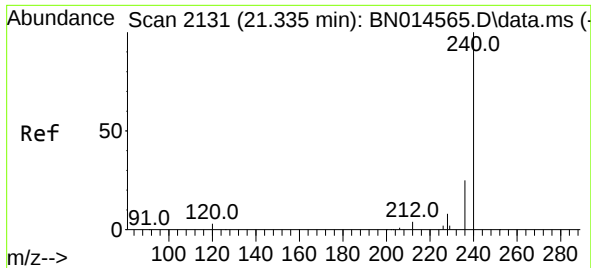
Tgt Ion:178 Resp: 930
Ion Ratio Lower Upper
178 100
176 77.5 15.2 22.8#
179 15.7 12.4 18.6



#27
Fluoranthene-d10
Concen: 0.16 ng
RT: 19.158 min Scan# 1835
Delta R.T. -0.000 min
Lab File: BN014711.D
Acq: 22 May 2021 03:31

Tgt Ion:212 Resp: 3654
Ion Ratio Lower Upper
212 100
106 9.8 10.1 15.1#
104 5.8 5.4 8.2

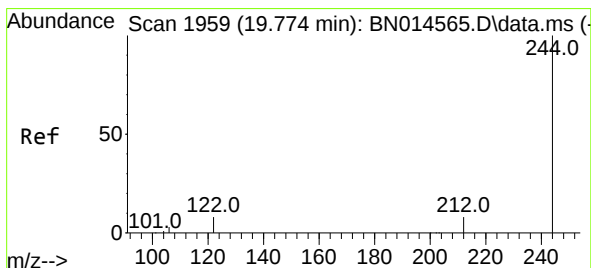
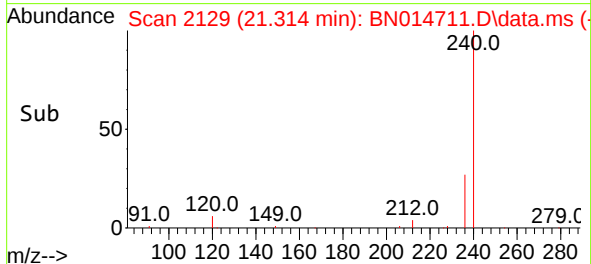
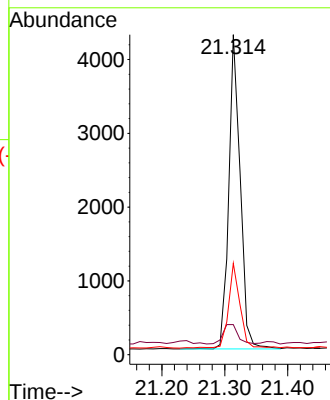
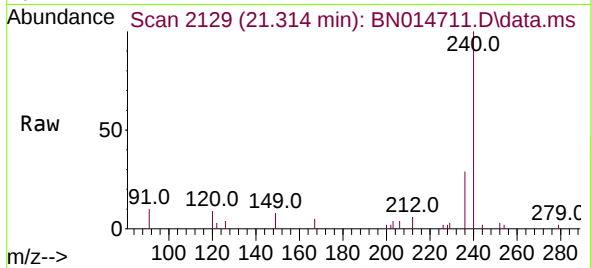




#29
Chrysene-d12
Concen: 0.40 ng
RT: 21.314 min Scan# 2129
Delta R.T. -0.000 min
Lab File: BN014711.D
Acq: 22 May 2021 03:31

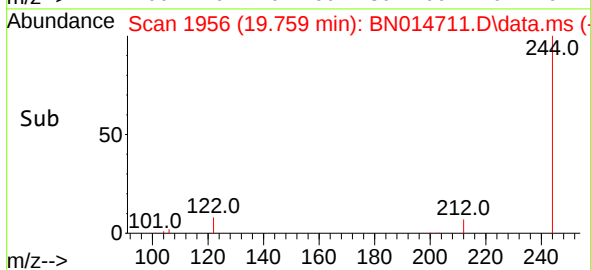
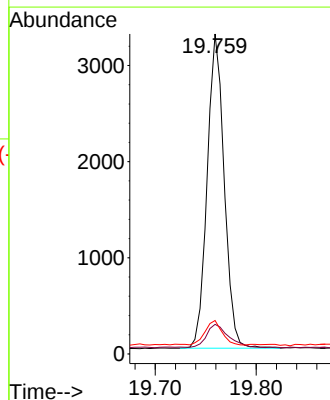
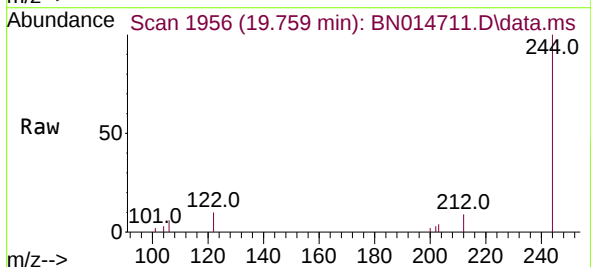
Instrument :
BNA_N
ClientSampleId :
BP-VPB-RW8-GW-768-770

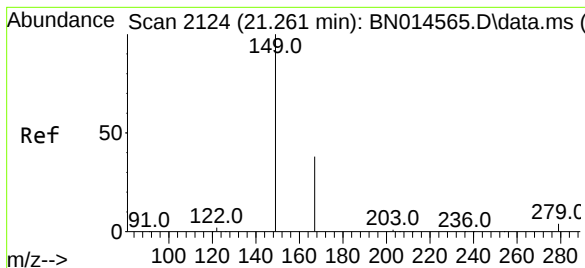
Tgt Ion:240 Resp: 5361
Ion Ratio Lower Upper
240 100
120 9.4 5.8 8.8#
236 28.6 20.6 30.8



#31
Terphenyl-d14
Concen: 0.30 ng
RT: 19.759 min Scan# 1956
Delta R.T. -0.000 min
Lab File: BN014711.D
Acq: 22 May 2021 03:31

Tgt Ion:244 Resp: 3833
Ion Ratio Lower Upper
244 100
212 9.2 6.0 9.0#
122 10.5 9.3 13.9

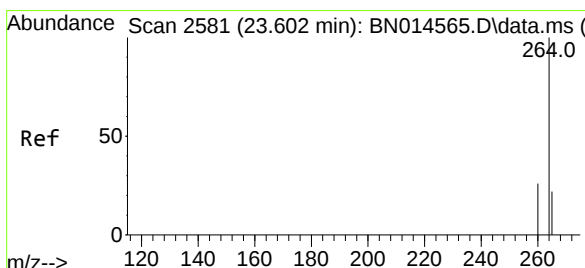
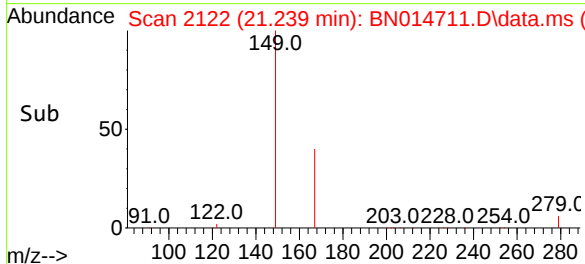
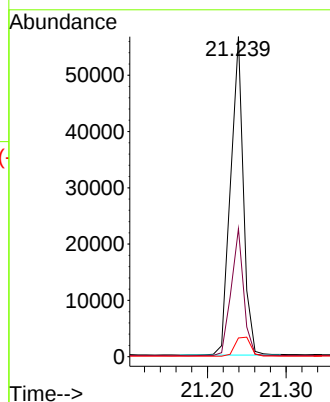
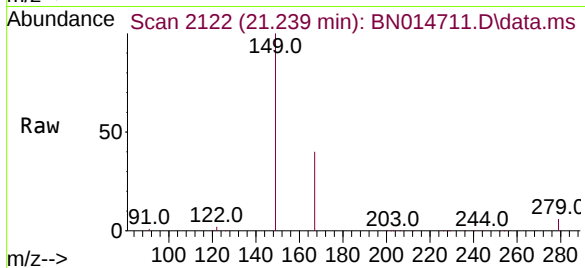




#34
Bis(2-ethylhexyl)phthalate
Concen: 14.79 ng
RT: 21.239 min Scan# 2122
Delta R.T. -0.000 min
Lab File: BN014711.D
Acq: 22 May 2021 03:31

Instrument :
BNA_N
ClientSampleId :
BP-VPB-RW8-GW-768-770

Tgt Ion:149 Resp: 64033
Ion Ratio Lower Upper
149 100
167 39.0 20.5 30.7#
279 7.4 2.9 4.3#



#35
Perylene-d12
Concen: 0.40 ng
RT: 23.582 min Scan# 2575
Delta R.T. -0.004 min
Lab File: BN014711.D
Acq: 22 May 2021 03:31

Tgt Ion:264 Resp: 5446
Ion Ratio Lower Upper
264 100
260 27.5 19.5 29.3
265 39.3 35.4 53.0

