

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN052421\
 Data File : BN014715.D
 Acq On : 24 May 2021 12:23
 Operator : CG/JU
 Sample : PB136377BL
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 PB136377BL

Quant Time: May 24 13:02:38 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

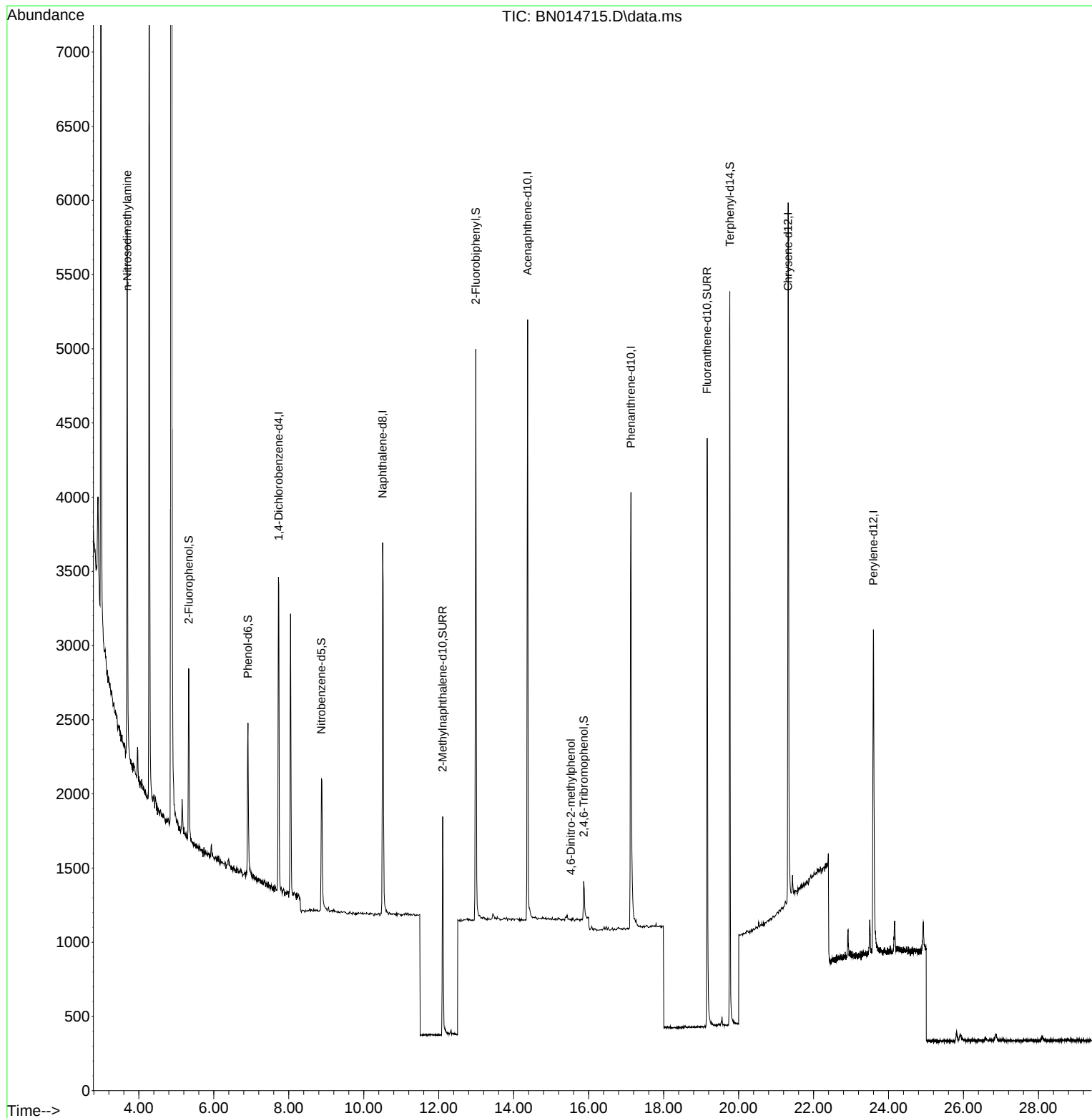
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.732	152	1057	0.40	ng	# 0.00
7) Naphthalene-d8	10.505	136	3828	0.40	ng	# 0.00
13) Acenaphthene-d10	14.371	164	2480	0.40	ng	0.00
19) Phenanthrene-d10	17.128	188	5591	0.40	ng	# 0.01
29) Chrysene-d12	21.321	240	5055	0.40	ng	# 0.00
35) Perylene-d12	23.596	264	3356	0.40	ng	0.01
System Monitoring Compounds						
4) 2-Fluorophenol	5.332	112	969	0.35	ng	0.00
5) Phenol-d6	6.911	99	1130	0.30	ng	0.02
8) Nitrobenzene-d5	8.870	82	1131	0.34	ng	0.00
11) 2-Methylnaphthalene-d10	12.106	152	2163	0.23	ng	0.00
14) 2,4,6-Tribromophenol	15.869	330	325	0.28	ng	0.00
15) 2-Fluorobiphenyl	12.989	172	3368	0.37	ng	0.00
27) Fluoranthene-d10	19.161	212	5089	0.20	ng	0.00
31) Terphenyl-d14	19.766	244	5488	0.46	ng	0.00
Target Compounds						
2) 1,4-Dioxane	3.271	88	64	Below Cal	#	12
3) n-Nitrosodimethylamine	3.690	42	231	0.44	ng	# 1
20) 4,6-Dinitro-2-methylph...	15.526	198	6	0.15	ng	# 1

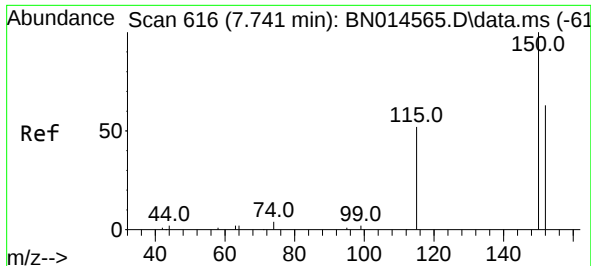
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN052421\
Data File : BN014715.D
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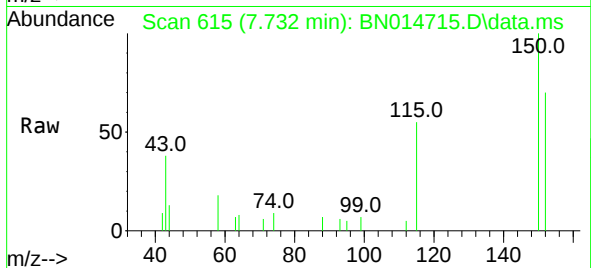
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Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\8270-SIM-BN051121.M
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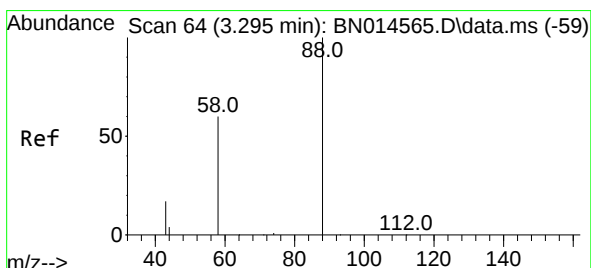
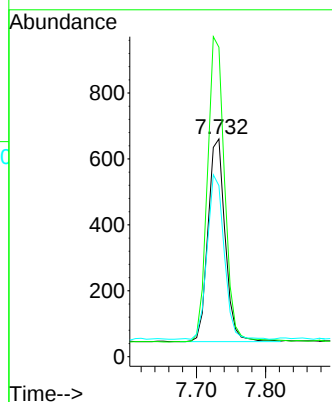
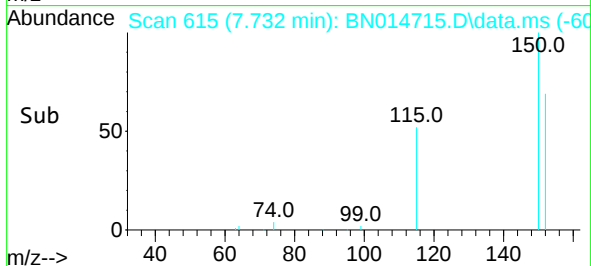


#1
1,4-Dichlorobenzene-d4
Concen: 0.40 ng
RT: 7.732 min Scan# 615
Delta R.T. 0.007 min
Lab File: BN014715.D
Acq: 24 May 2021 12:23

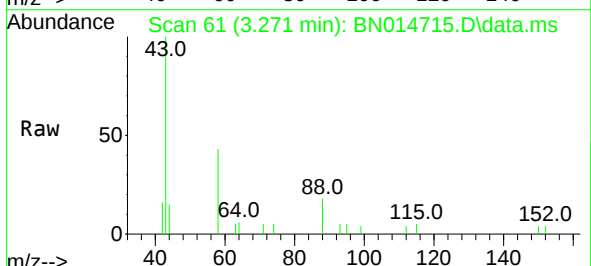
Instrument :
BNA_N
ClientSampleId :
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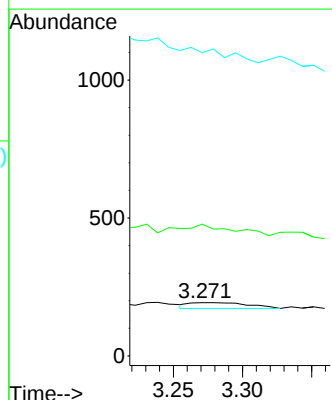
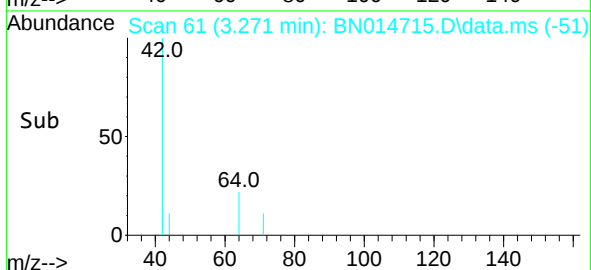
Tgt Ion: 152 Resp: 1057
Ion Ratio Lower Upper
152 100
150 142.1 123.8 185.8
115 78.5 47.0 70.4#

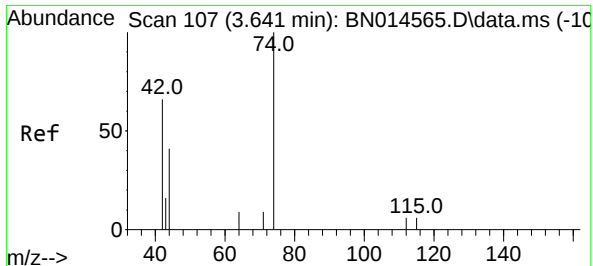


#2
1,4-Dioxane
Concen: Below Cal
RT: 3.271 min Scan# 61
Delta R.T. -0.016 min
Lab File: BN014715.D
Acq: 24 May 2021 12:23



Tgt Ion: 88 Resp: 64
Ion Ratio Lower Upper
88 100
58 131.3 44.4 66.6#
43 0.0 15.9 23.9#

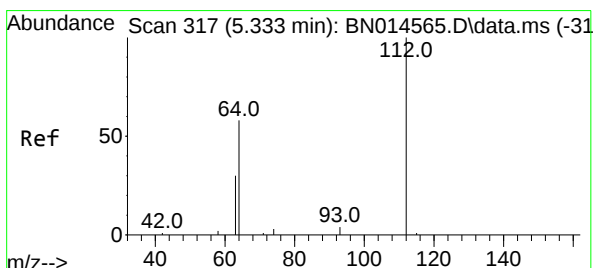
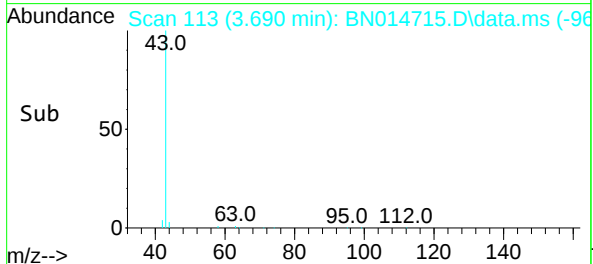
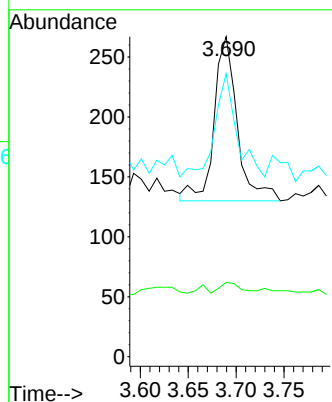
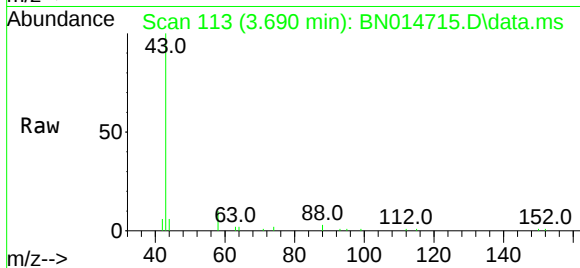




#3
n-Nitrosodimethylamine
Concen: 0.44 ng
RT: 3.690 min Scan# 113
Delta R.T. 0.040 min
Lab File: BN014715.D
Acq: 24 May 2021 12:23

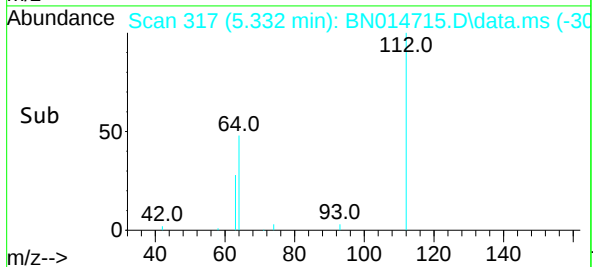
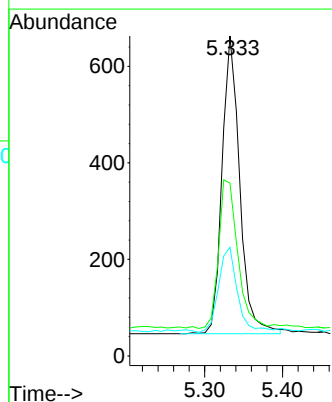
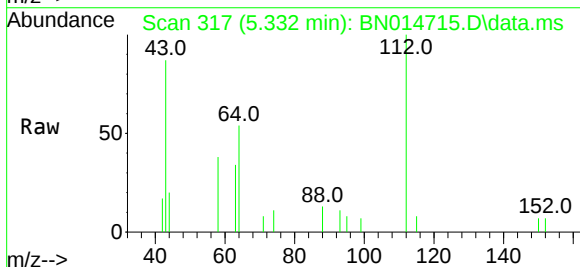
Instrument :
BNA_N
ClientSampleId :
PB136377BL

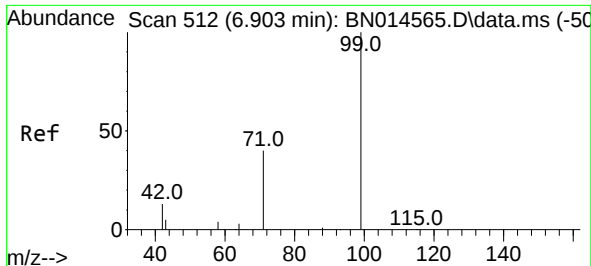
Tgt Ion: 42 Resp: 231
Ion Ratio Lower Upper
42 100
74 5.6 175.1 262.7#
44 55.8 7.5 11.3#



#4
2-Fluorophenol
Concen: 0.35 ng
RT: 5.332 min Scan# 317
Delta R.T. 0.008 min
Lab File: BN014715.D
Acq: 24 May 2021 12:23

Tgt Ion: 112 Resp: 969
Ion Ratio Lower Upper
112 100
64 54.8 41.8 62.6
63 30.5 22.0 33.0

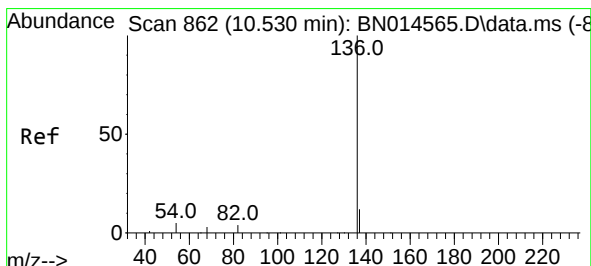
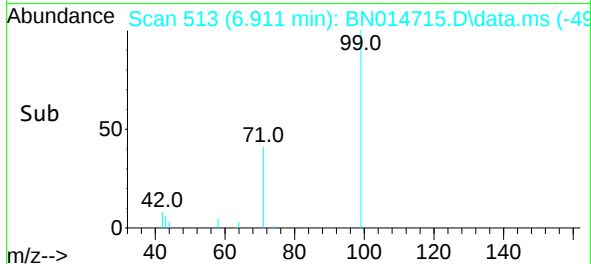
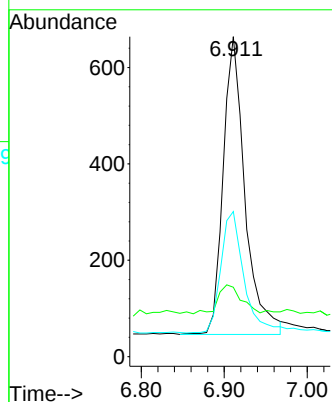
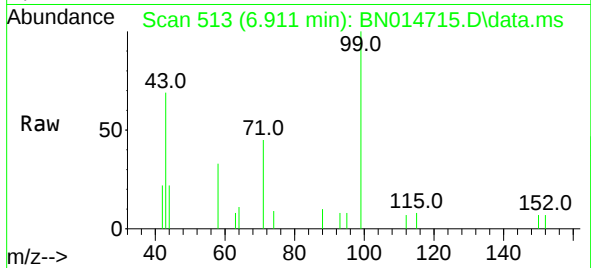




#5
Phenol-d6
Concen: 0.30 ng
RT: 6.911 min Scan# 513
Delta R.T. 0.016 min
Lab File: BN014715.D
Acq: 24 May 2021 12:23

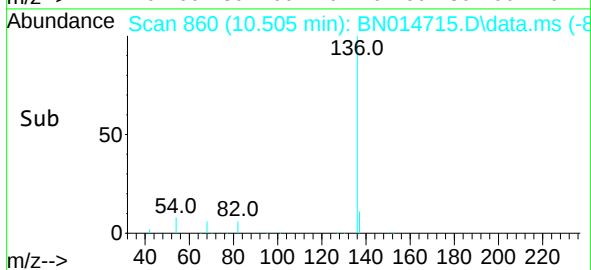
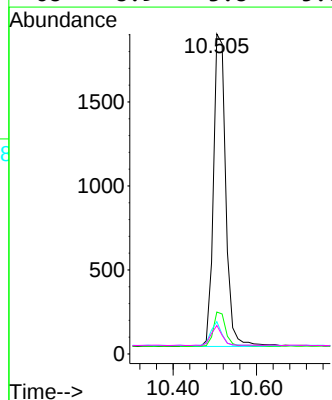
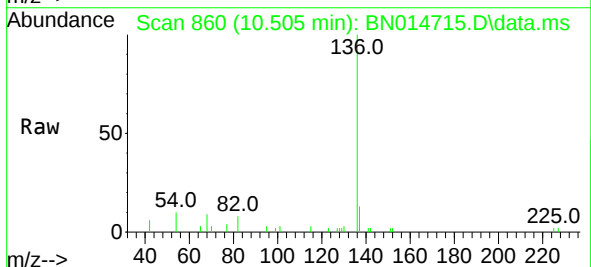
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BNA_N
ClientSampleId :
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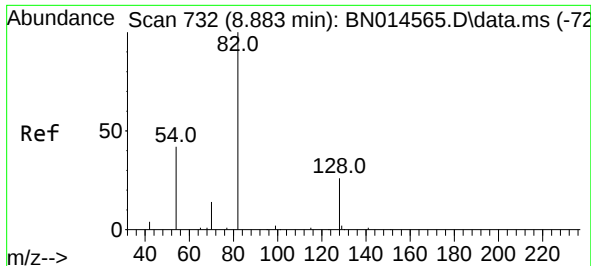
Tgt Ion: 99 Resp: 1130
Ion Ratio Lower Upper
99 100
42 10.4 13.2 19.8#
71 42.4 26.2 39.2#



#7
Naphthalene-d8
Concen: 0.40 ng
RT: 10.505 min Scan# 860
Delta R.T. -0.000 min
Lab File: BN014715.D
Acq: 24 May 2021 12:23

Tgt Ion: 136 Resp: 3828
Ion Ratio Lower Upper
136 100
137 13.1 8.9 13.3
54 10.1 3.8 5.8#
68 8.9 3.8 5.6#

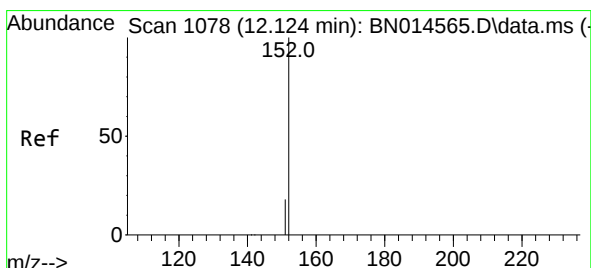
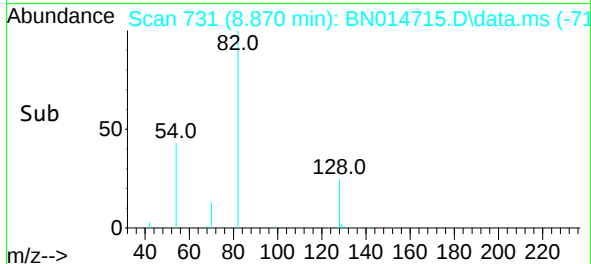
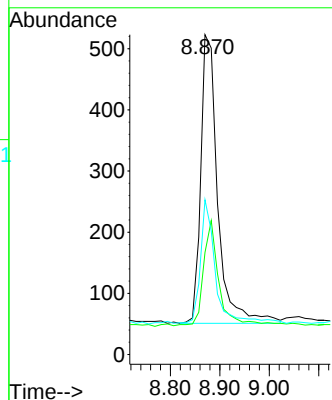
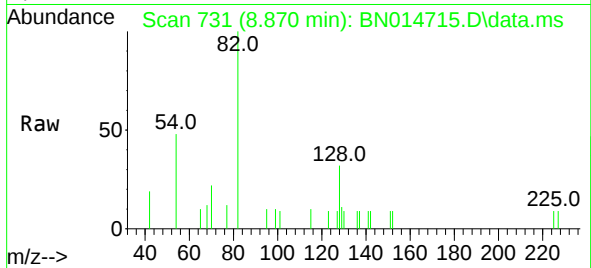




#8
Nitrobenzene-d5
Concen: 0.34 ng
RT: 8.870 min Scan# 731
Delta R.T. -0.000 min
Lab File: BN014715.D
Acq: 24 May 2021 12:23

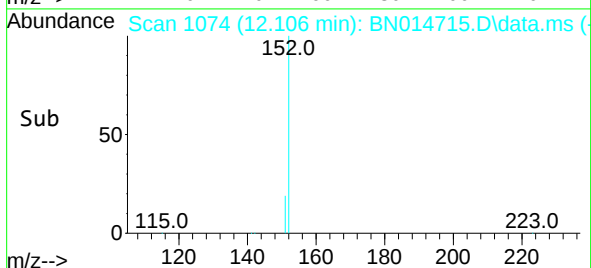
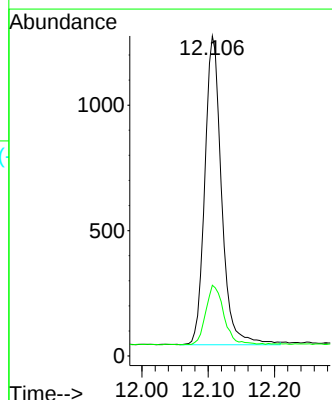
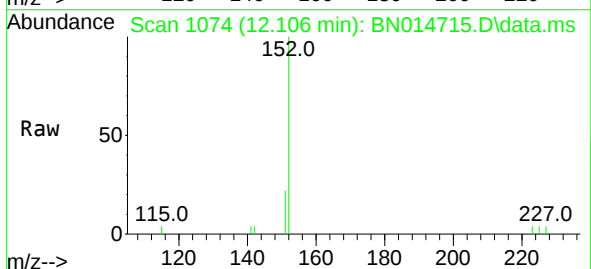
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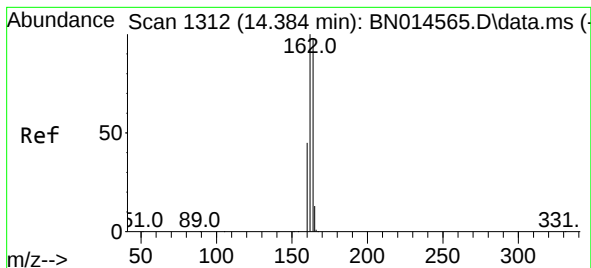
Tgt Ion: 82 Resp: 1131
Ion Ratio Lower Upper
82 100
128 31.9 29.5 44.3
54 48.4 36.9 55.3



#11
2-Methylnaphthalene-d10
Concen: 0.23 ng
RT: 12.106 min Scan# 1074
Delta R.T. 0.004 min
Lab File: BN014715.D
Acq: 24 May 2021 12:23

Tgt Ion: 152 Resp: 2163
Ion Ratio Lower Upper
152 100
151 20.9 16.2 24.2

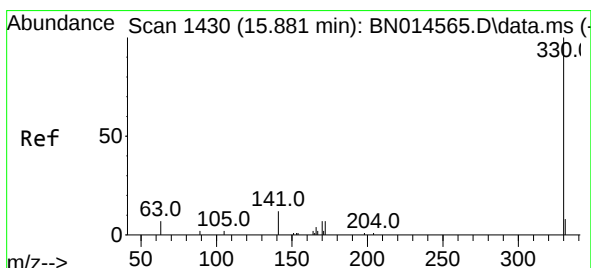
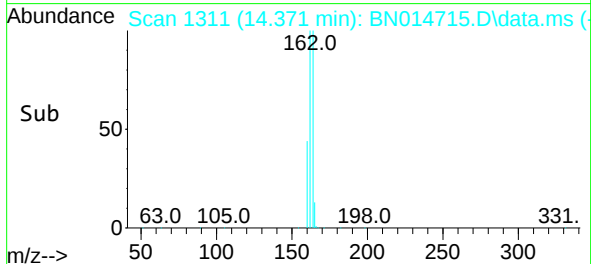
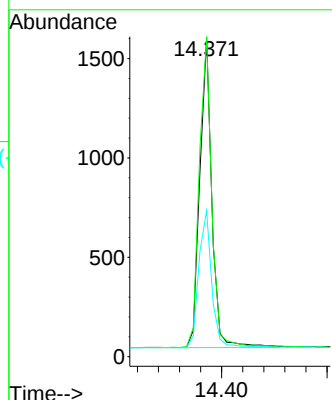
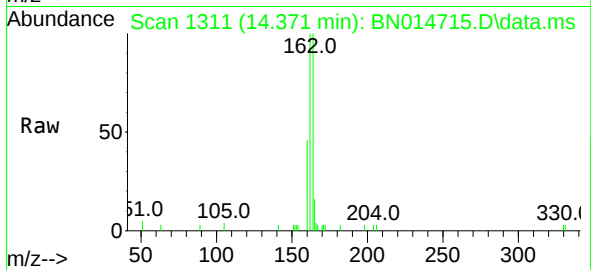




#13
Acenaphthene-d10
Concen: 0.40 ng
RT: 14.371 min Scan# 1311
Delta R.T. -0.000 min
Lab File: BN014715.D
Acq: 24 May 2021 12:23

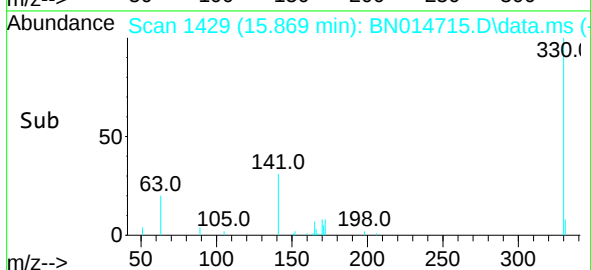
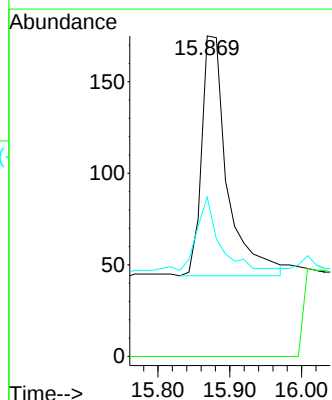
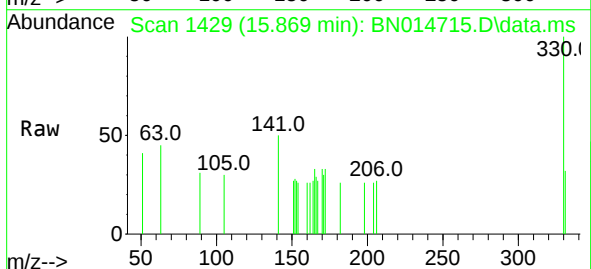
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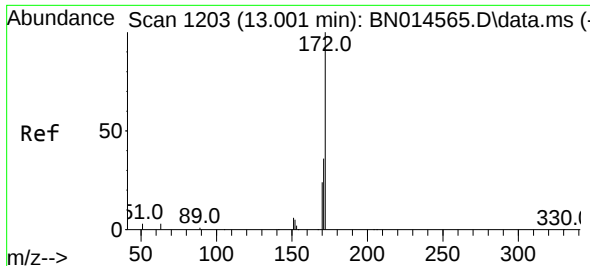
Tgt Ion:164 Resp: 2480
Ion Ratio Lower Upper
164 100
162 100.2 78.6 118.0
160 45.7 35.8 53.8



#14
2,4,6-Tribromophenol
Concen: 0.28 ng
RT: 15.869 min Scan# 1429
Delta R.T. -0.000 min
Lab File: BN014715.D
Acq: 24 May 2021 12:23

Tgt Ion:330 Resp: 325
Ion Ratio Lower Upper
330 100
332 0.0 0.0 0.0
141 26.2 27.0 40.4#

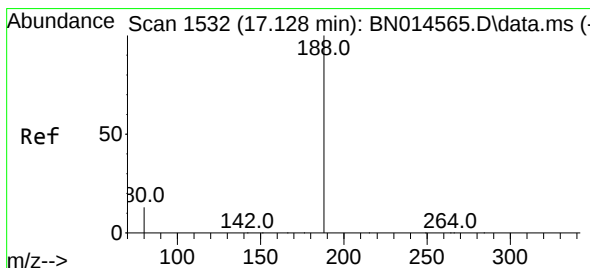
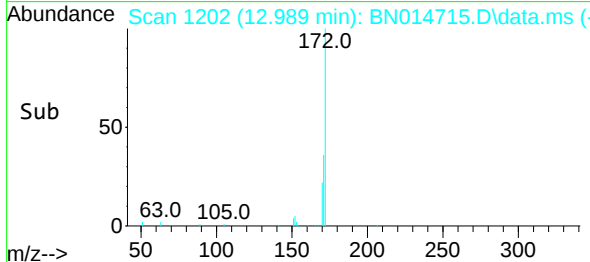
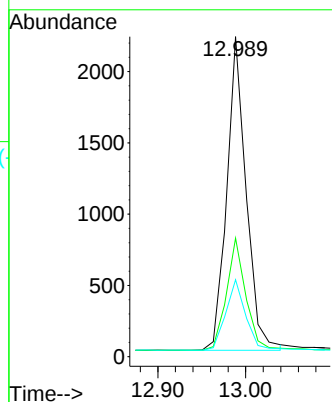
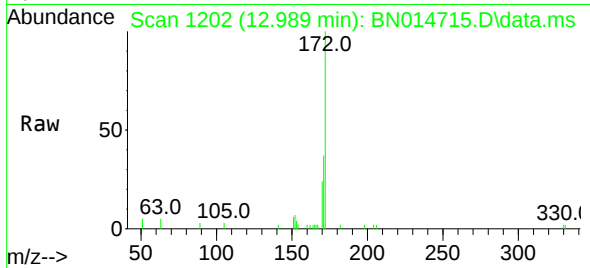




#15
2-Fluorobiphenyl
Concen: 0.37 ng
RT: 12.989 min Scan# 1202
Delta R.T. -0.000 min
Lab File: BN014715.D
Acq: 24 May 2021 12:23

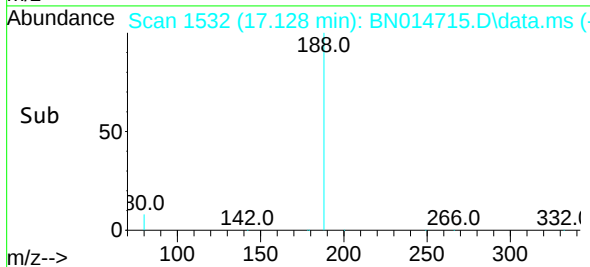
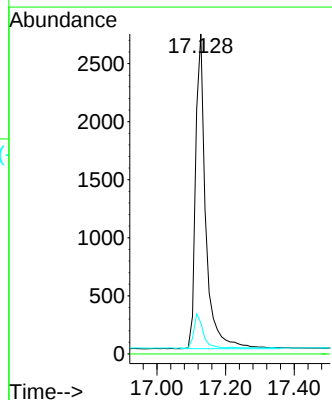
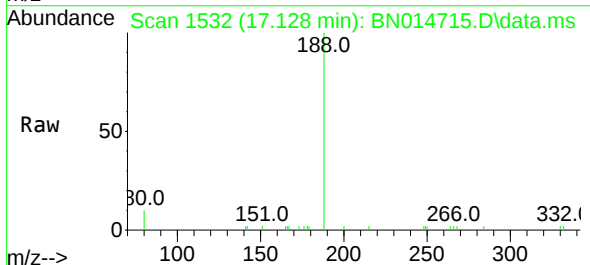
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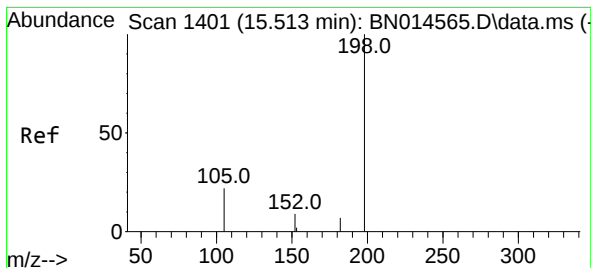
Tgt Ion:172	Resp:	3368
Ion Ratio	Lower	Upper
172	100	
171	37.1	27.1 40.7
170	24.1	18.3 27.5



#19
Phenanthrene-d10
Concen: 0.40 ng
RT: 17.128 min Scan# 1532
Delta R.T. 0.011 min
Lab File: BN014715.D
Acq: 24 May 2021 12:23

Tgt Ion:188	Resp:	5591
Ion Ratio	Lower	Upper
188	100	
94	0.0	0.0 0.0
80	9.7	5.2 7.8#

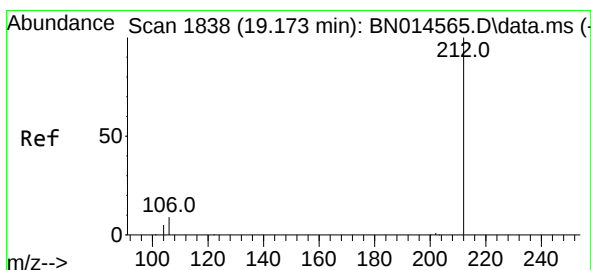
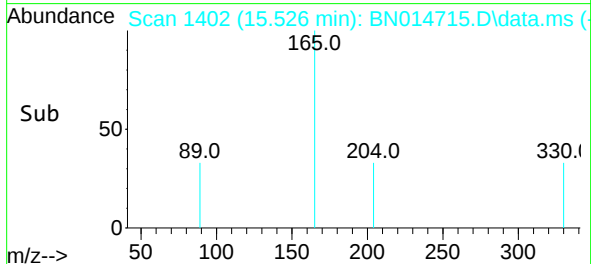
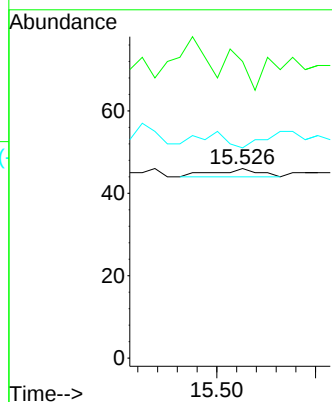
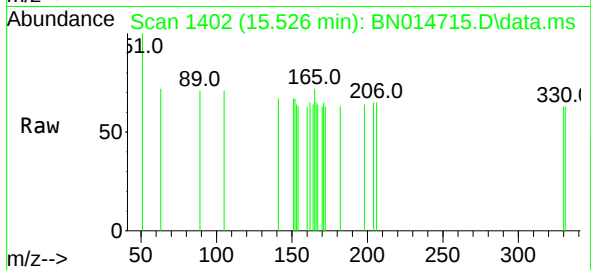




#20
4,6-Dinitro-2-methylphenol
Concen: 0.15 ng
RT: 15.526 min Scan# 1402
Delta R.T. 0.025 min
Lab File: BN014715.D
Acq: 24 May 2021 12:23

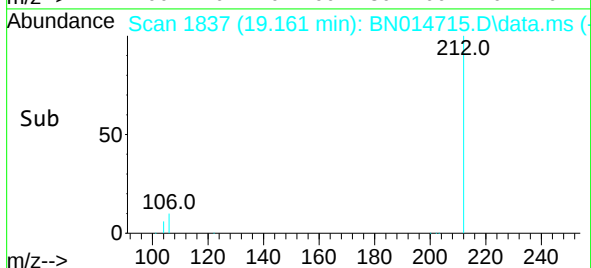
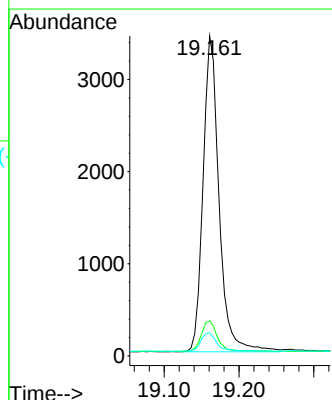
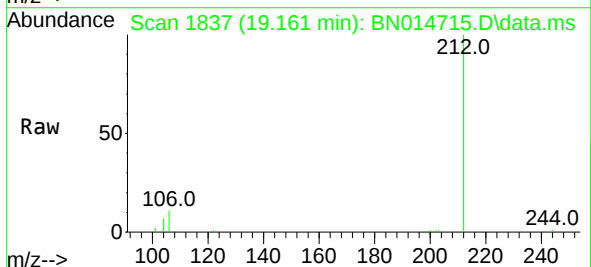
Instrument :
BNA_N
ClientSampleId :
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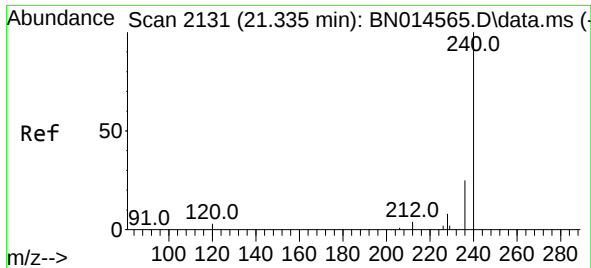
Tgt Ion:198 Resp: 6
Ion Ratio Lower Upper
198 100
51 156.5 865.3 1297.9#
105 110.9 93.6 140.4



#27
Fluoranthene-d10
Concen: 0.20 ng
RT: 19.161 min Scan# 1837
Delta R.T. 0.002 min
Lab File: BN014715.D
Acq: 24 May 2021 12:23

Tgt Ion:212 Resp: 5089
Ion Ratio Lower Upper
212 100
106 9.7 10.1 15.1#
104 6.2 5.4 8.2

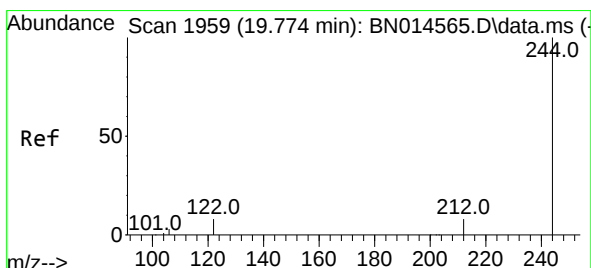
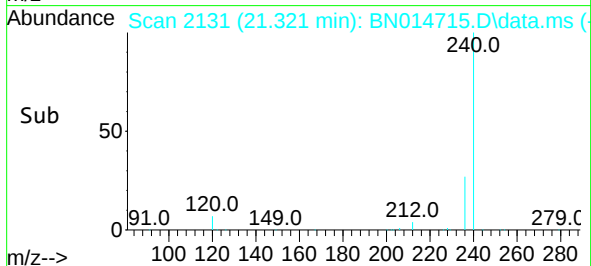
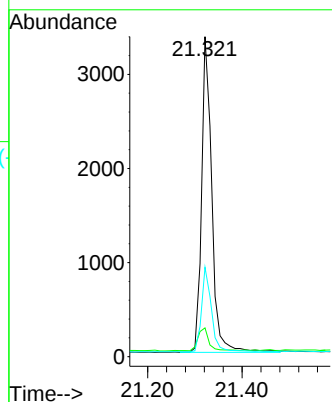
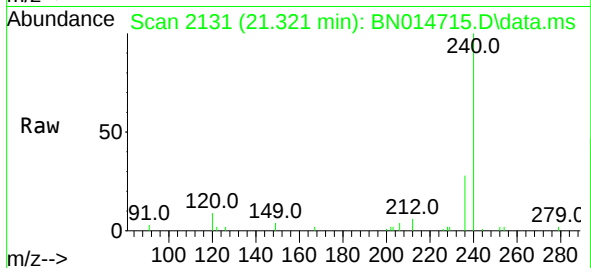




#29
Chrysene-d12
Concen: 0.40 ng
RT: 21.321 min Scan# 2131
Delta R.T. 0.008 min
Lab File: BN014715.D
Acq: 24 May 2021 12:23

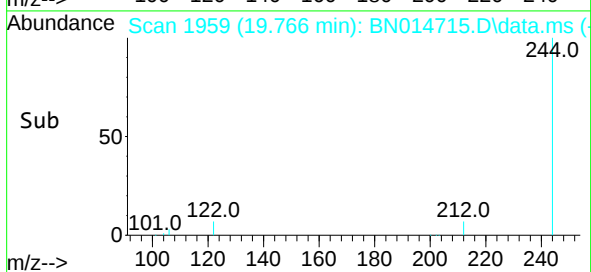
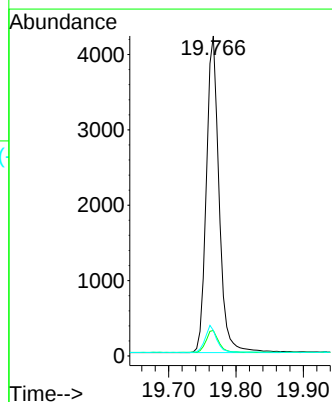
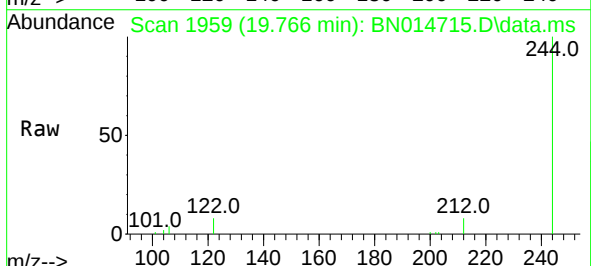
Instrument :
BNA_N
ClientSampleId :
PB136377BL

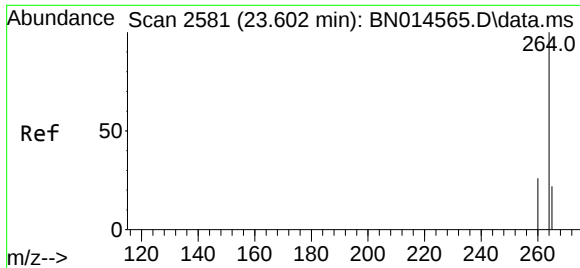
Tgt Ion:240 Resp: 5055
Ion Ratio Lower Upper
240 100
120 9.0 5.8 8.8#
236 28.0 20.6 30.8



#31
Terphenyl-d14
Concen: 0.46 ng
RT: 19.766 min Scan# 1959
Delta R.T. 0.007 min
Lab File: BN014715.D
Acq: 24 May 2021 12:23

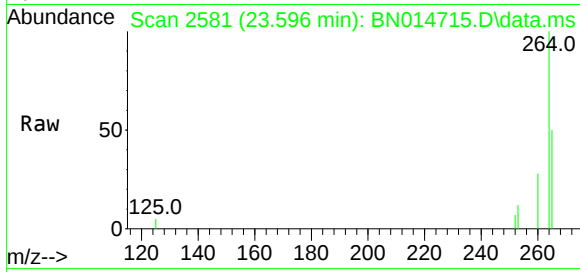
Tgt Ion:244 Resp: 5488
Ion Ratio Lower Upper
244 100
212 8.0 6.0 9.0
122 8.0 9.3 13.9#





#35
 Perylene-d12
 Concen: 0.40 ng
 RT: 23.596 min Scan# 2581
 Delta R.T. 0.011 min
 Lab File: BN014715.D
 Acq: 24 May 2021 12:23

Instrument :
 BNA_N
 ClientSampleId :
 PB136377BL



Tgt Ion:	264	Resp:	3356
Ion Ratio	Lower	Upper	
264	100		
260	28.1	19.5	29.3
265	50.3	35.4	53.0

