

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN052121\
 Data File : BN014700.D
 Acq On : 21 May 2021 19:12
 Operator : CG/JU
 Sample : M2411-08
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 BP-VPB-RW8-GW-838-840

Quant Time: May 22 01:04:01 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

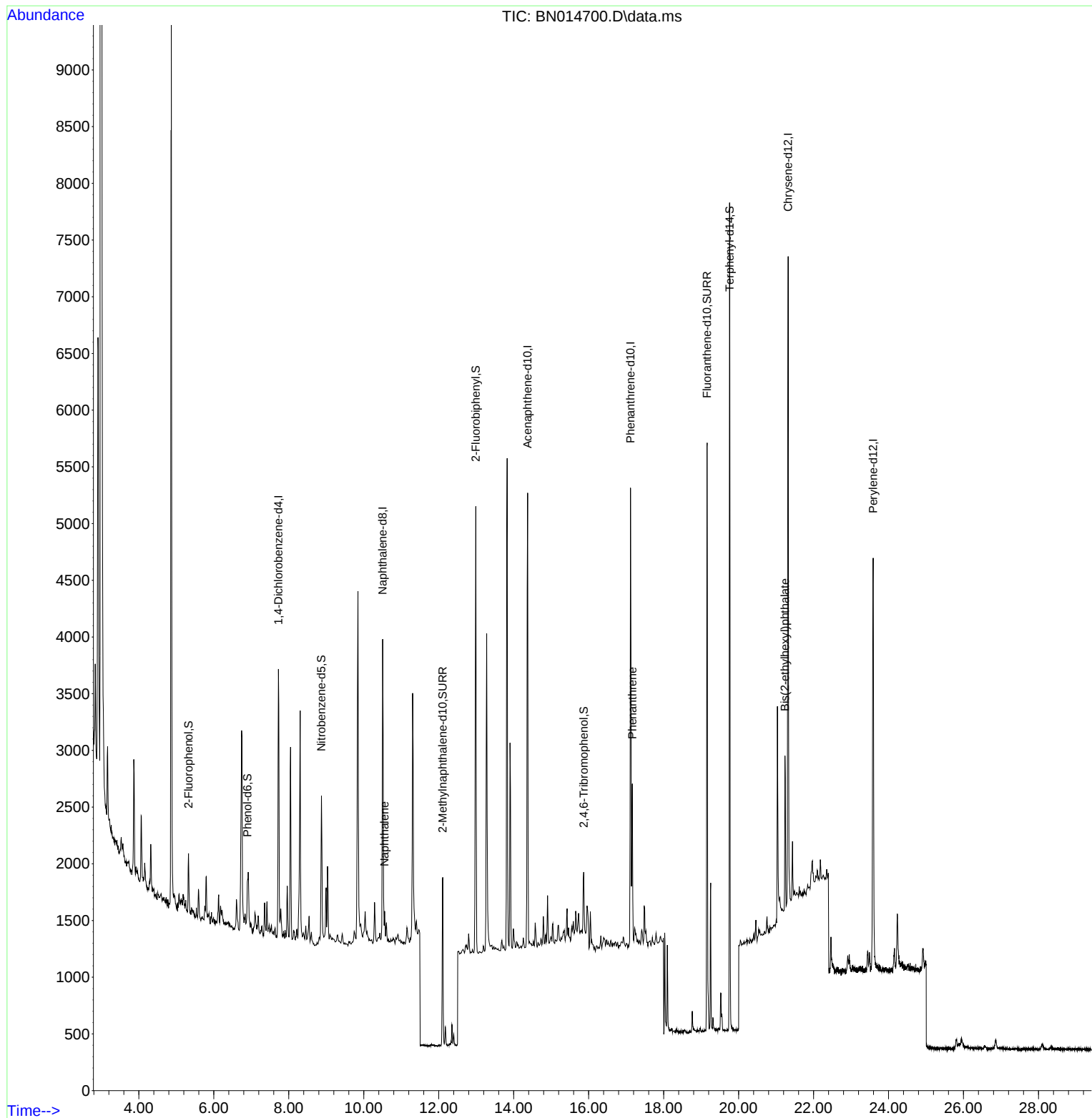
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.724	152	939	0.40	ng	# 0.00
7) Naphthalene-d8	10.505	136	3475	0.40	ng	# 0.00
13) Acenaphthene-d10	14.371	164	2476	0.40	ng	0.00
19) Phenanthrene-d10	17.116	188	5409	0.40	ng	# 0.00
29) Chrysene-d12	21.322	240	5506	0.40	ng	# 0.00
35) Perylene-d12	23.589	264	5030	0.40	ng	0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.324	112	402	0.16	ng	0.00
5) Phenol-d6	6.895	99	334	0.10	ng	0.00
8) Nitrobenzene-d5	8.870	82	1247	0.42	ng	0.00
11) 2-Methylnaphthalene-d10	12.106	152	2039	0.24	ng	0.00
14) 2,4,6-Tribromophenol	15.869	330	499	0.43	ng	0.00
15) 2-Fluorobiphenyl	12.989	172	3343	0.37	ng	0.00
27) Fluoranthene-d10	19.161	212	6337	0.26	ng	0.00
31) Terphenyl-d14	19.761	244	7260	0.56	ng	0.00
Target Compounds						Qvalue
9) Naphthalene	10.556	128	332	0.04	ng	# 52
25) Phenanthrene	17.164	178	1538	0.10	ng	97
34) Bis(2-ethylhexyl)phtha...	21.237	149	1272	0.29	ng	# 75

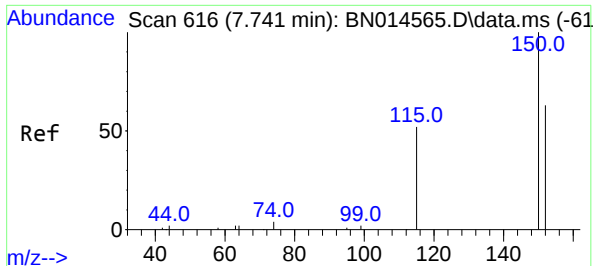
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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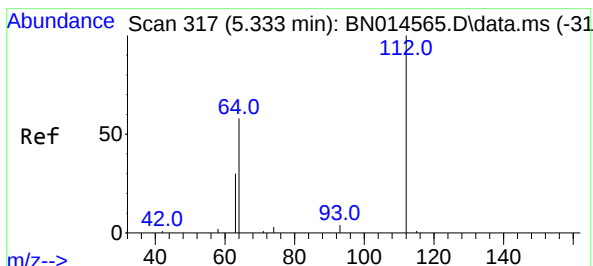
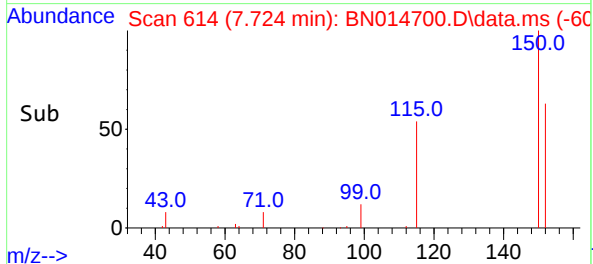
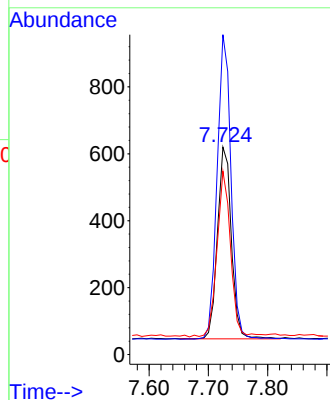
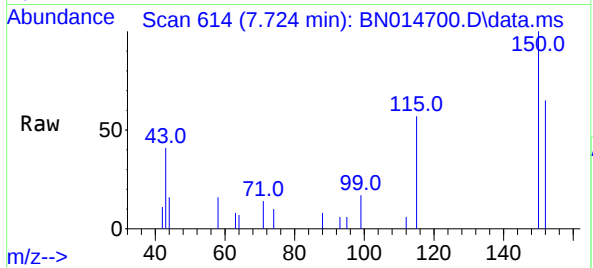




#1
1,4-Dichlorobenzene-d4
Concen: 0.40 ng
RT: 7.724 min Scan# 614
Delta R.T. -0.001 min
Lab File: BN014700.D
Acq: 21 May 2021 19:12

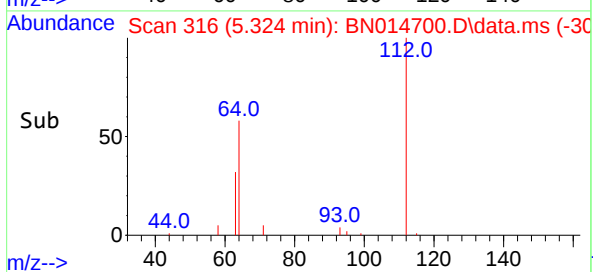
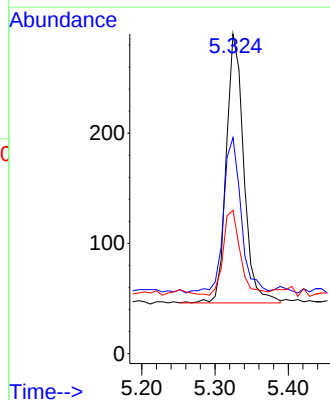
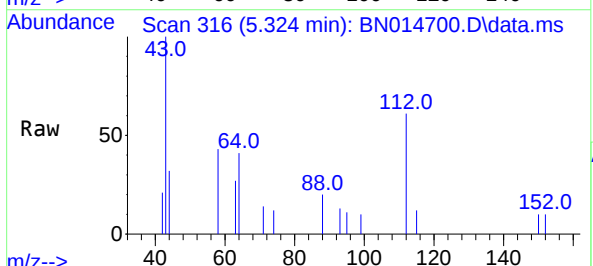
Instrument :
BNA_N
ClientSampleId :
BP-VPB-RW8-GW-838-840

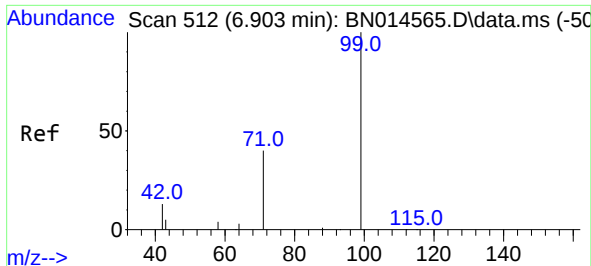
Tgt Ion:152 Resp: 939
Ion Ratio Lower Upper
152 100
150 154.2 123.8 185.8
115 88.4 47.0 70.4#



#4
2-Fluorophenol
Concen: 0.16 ng
RT: 5.324 min Scan# 316
Delta R.T. -0.000 min
Lab File: BN014700.D
Acq: 21 May 2021 19:12

Tgt Ion:112 Resp: 402
Ion Ratio Lower Upper
112 100
64 58.7 41.8 62.6
63 29.9 22.0 33.0

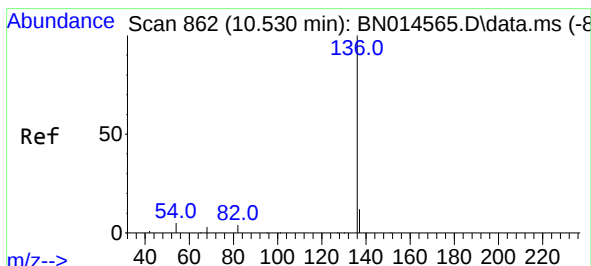
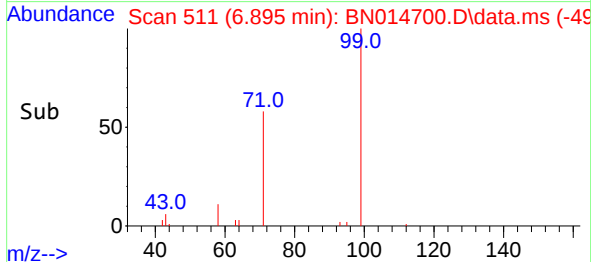
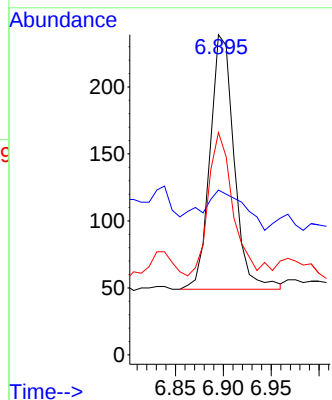
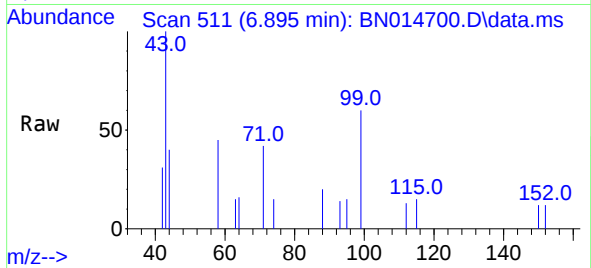




#5
Phenol-d6
Concen: 0.10 ng
RT: 6.895 min Scan# 511
Delta R.T. -0.000 min
Lab File: BN014700.D
Acq: 21 May 2021 19:12

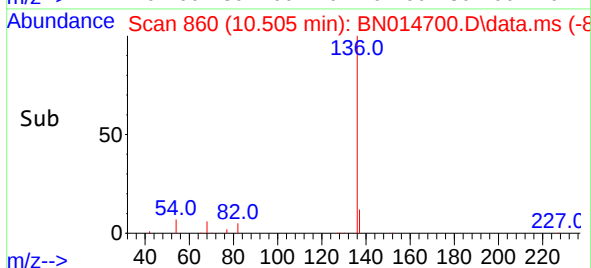
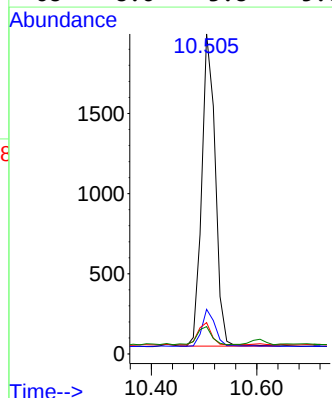
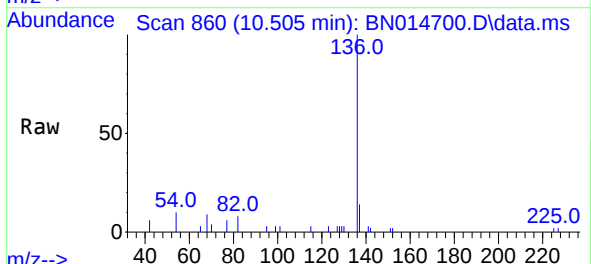
Instrument :
BNA_N
ClientSampleId :
BP-VPB-RW8-GW-838-840

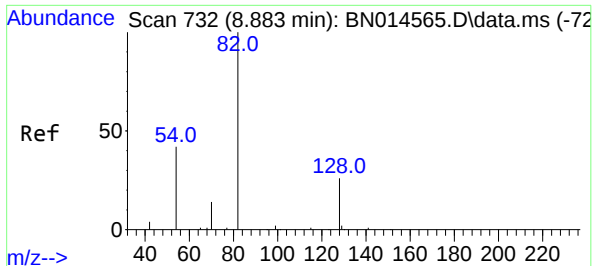
Tgt Ion: 99 Resp: 334
Ion Ratio Lower Upper
99 100
42 27.8 13.2 19.8#
71 58.4 26.2 39.2#



#7
Naphthalene-d8
Concen: 0.40 ng
RT: 10.505 min Scan# 860
Delta R.T. -0.000 min
Lab File: BN014700.D
Acq: 21 May 2021 19:12

Tgt Ion: 136 Resp: 3475
Ion Ratio Lower Upper
136 100
137 13.9 8.9 13.3#
54 9.8 3.8 5.8#
68 8.6 3.8 5.6#

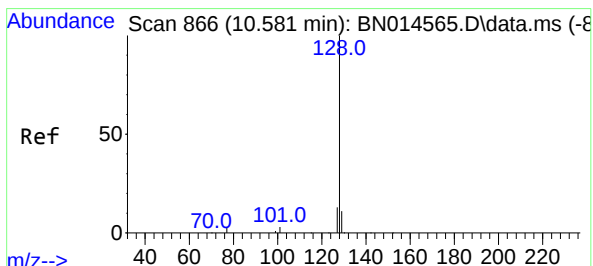
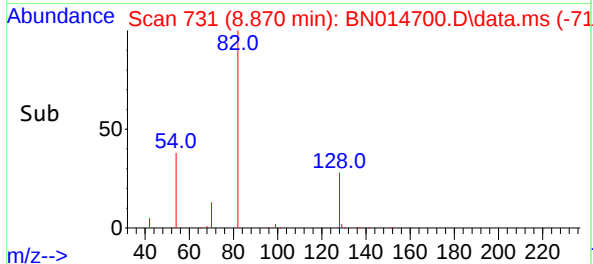
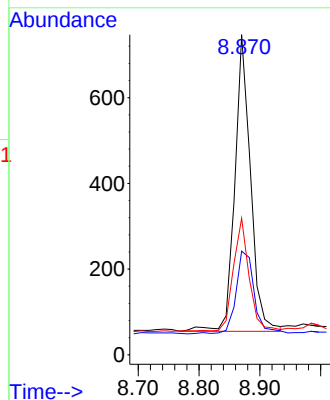
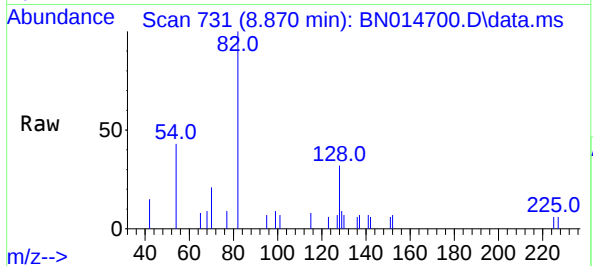




#8
Nitrobenzene-d5
Concen: 0.42 ng
RT: 8.870 min Scan# 731
Delta R.T. -0.000 min
Lab File: BN014700.D
Acq: 21 May 2021 19:12

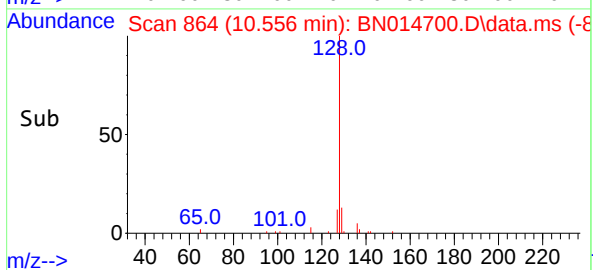
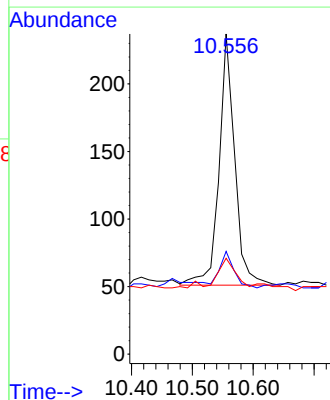
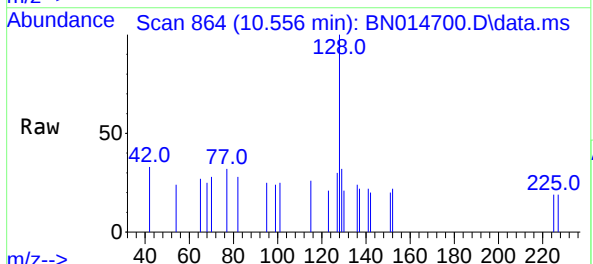
Instrument :
BNA_N
ClientSampleId :
BP-VPB-RW8-GW-838-840

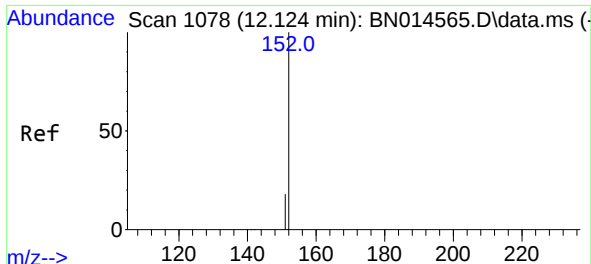
Tgt Ion:	82	Resp:	1247
Ion	Ratio	Lower	Upper
82	100		
128	32.4	29.5	44.3
54	42.7	36.9	55.3



#9
Naphthalene
Concen: 0.04 ng
RT: 10.556 min Scan# 864
Delta R.T. -0.000 min
Lab File: BN014700.D
Acq: 21 May 2021 19:12

Tgt Ion:	128	Resp:	332
Ion	Ratio	Lower	Upper
128	100		
129	32.1	9.0	13.4#
127	30.0	10.4	15.6#

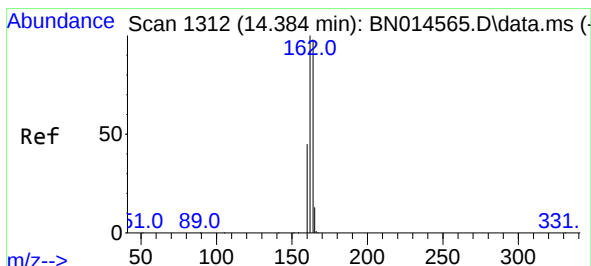
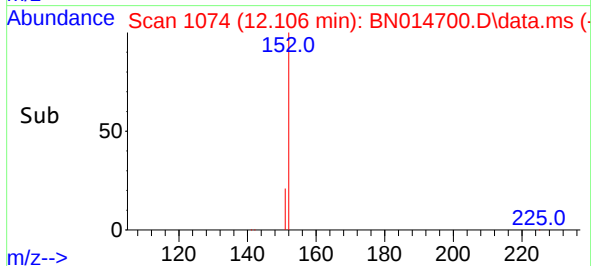
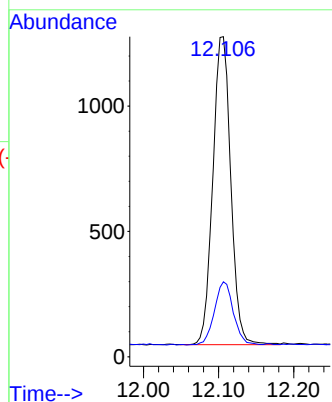
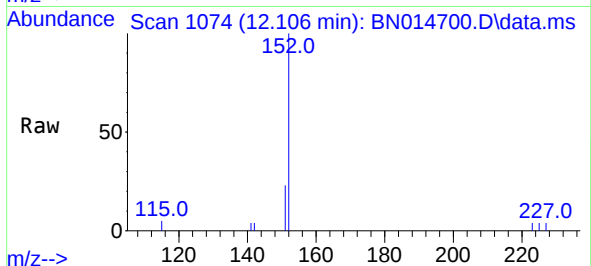




#11
2-Methylnaphthalene-d10
Concen: 0.24 ng
RT: 12.106 min Scan# 1074
Delta R.T. 0.004 min
Lab File: BN014700.D
Acq: 21 May 2021 19:12

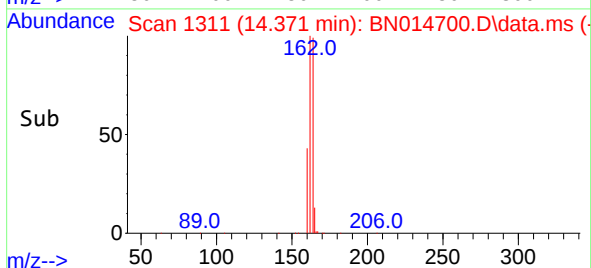
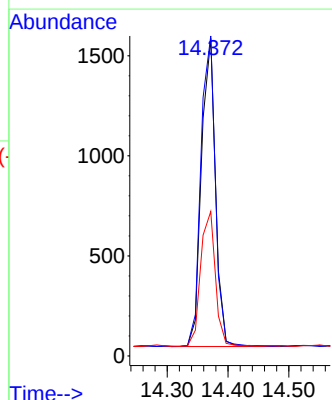
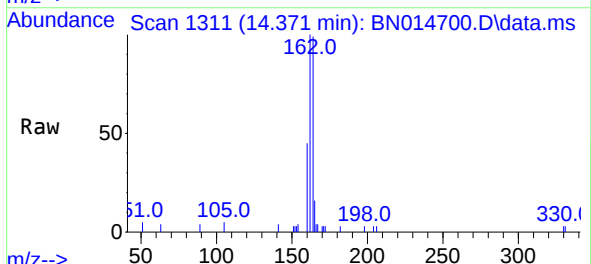
Instrument :
BNA_N
ClientSampleId :
BP-VPB-RW8-GW-838-840

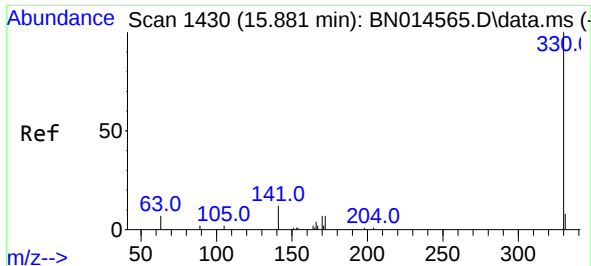
Tgt Ion:152 Resp: 2039
Ion Ratio Lower Upper
152 100
151 21.6 16.2 24.2



#13
Acenaphthene-d10
Concen: 0.40 ng
RT: 14.371 min Scan# 1311
Delta R.T. -0.000 min
Lab File: BN014700.D
Acq: 21 May 2021 19:12

Tgt Ion:164 Resp: 2476
Ion Ratio Lower Upper
164 100
162 100.8 78.6 118.0
160 45.5 35.8 53.8

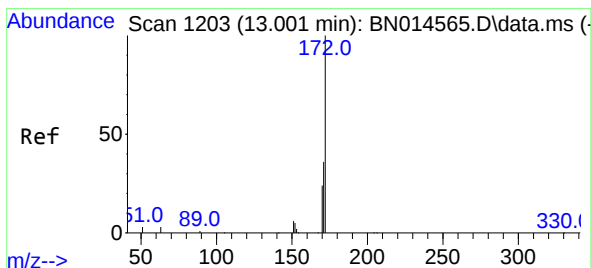
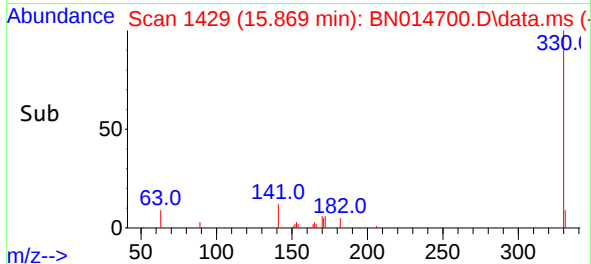
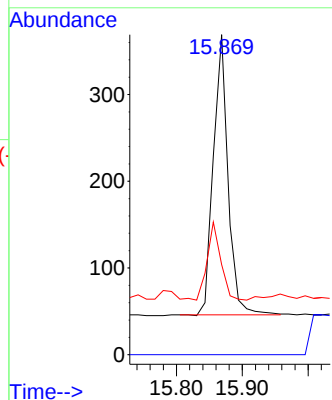
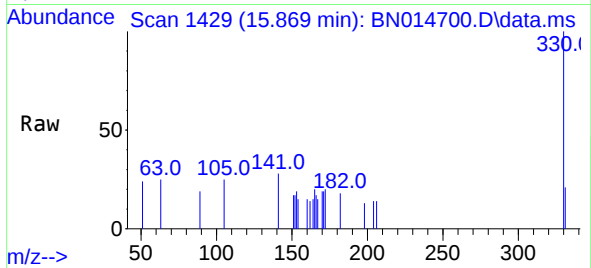




#14
2,4,6-Tribromophenol
Concen: 0.43 ng
RT: 15.869 min Scan# 1429
Delta R.T. -0.000 min
Lab File: BN014700.D
Acq: 21 May 2021 19:12

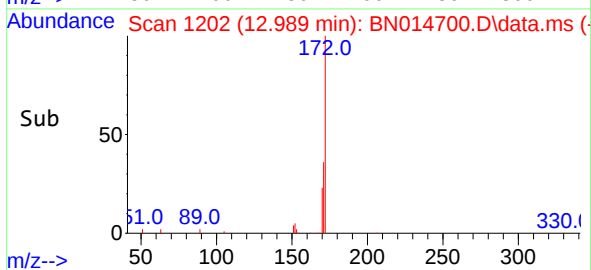
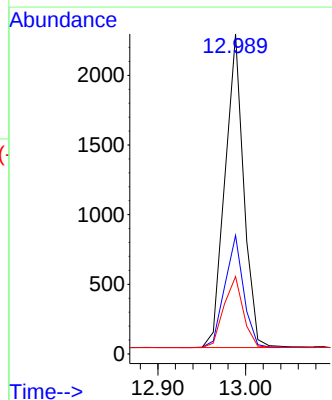
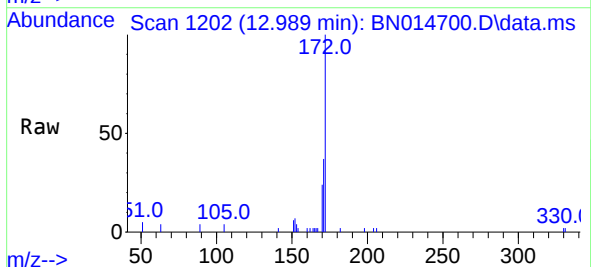
Instrument :
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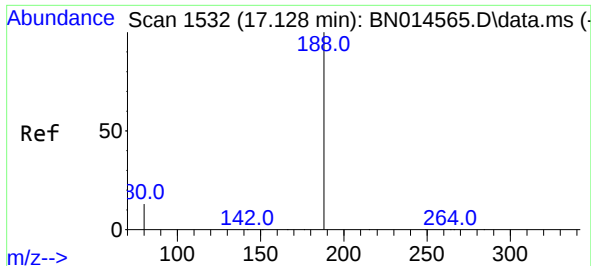
Tgt Ion:330 Resp: 499
Ion Ratio Lower Upper
330 100
332 0.0 0.0 0.0
141 25.9 27.0 40.4#



#15
2-Fluorobiphenyl
Concen: 0.37 ng
RT: 12.989 min Scan# 1202
Delta R.T. -0.000 min
Lab File: BN014700.D
Acq: 21 May 2021 19:12

Tgt Ion:172 Resp: 3343
Ion Ratio Lower Upper
172 100
171 37.0 27.1 40.7
170 24.2 18.3 27.5

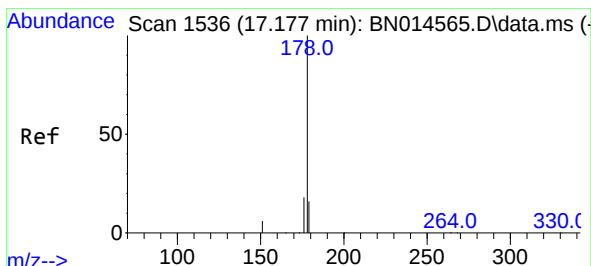
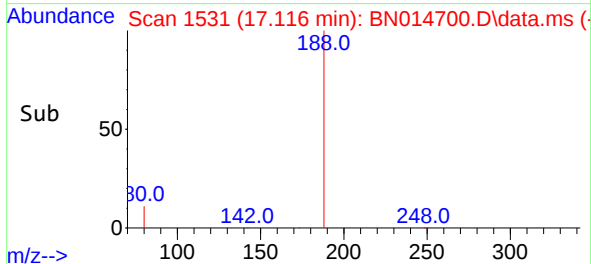
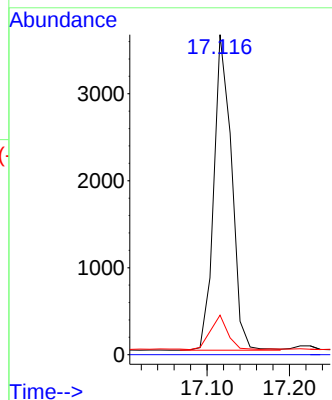
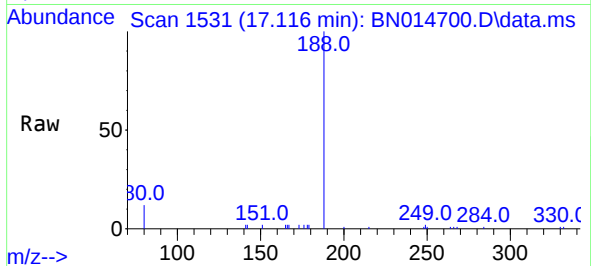




#19
Phenanthrene-d10
Concen: 0.40 ng
RT: 17.116 min Scan# 1531
Delta R.T. -0.001 min
Lab File: BN014700.D
Acq: 21 May 2021 19:12

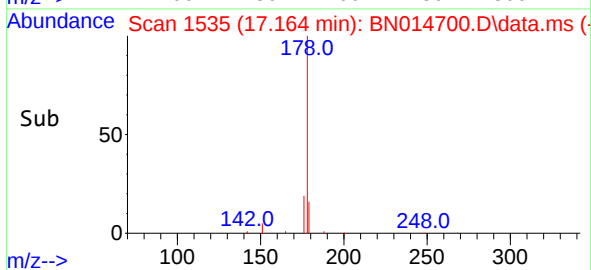
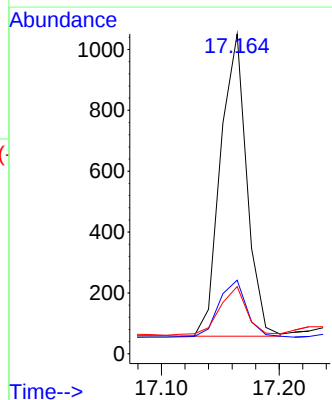
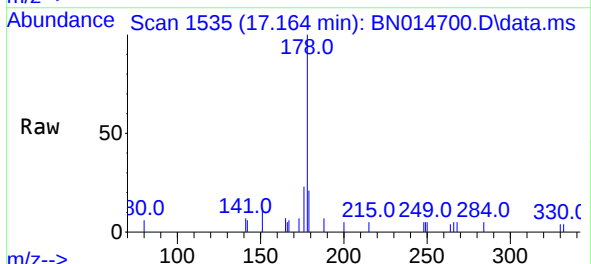
Instrument :
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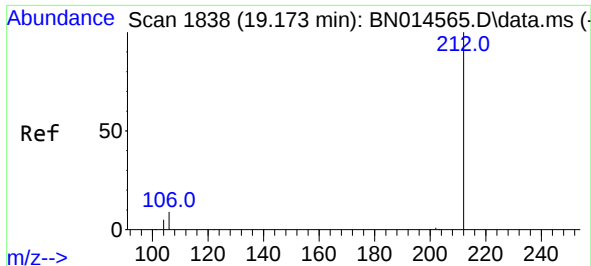
Tgt Ion:188	Resp:	5409
Ion Ratio	Lower	Upper
188	100	
94	0.0	0.0
80	12.4	5.2



#25
Phenanthrene
Concen: 0.10 ng
RT: 17.164 min Scan# 1535
Delta R.T. -0.001 min
Lab File: BN014700.D
Acq: 21 May 2021 19:12

Tgt Ion:178	Resp:	1538
Ion Ratio	Lower	Upper
178	100	
176	20.2	15.2
179	16.9	12.4

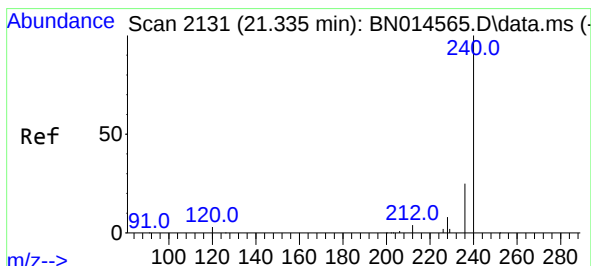
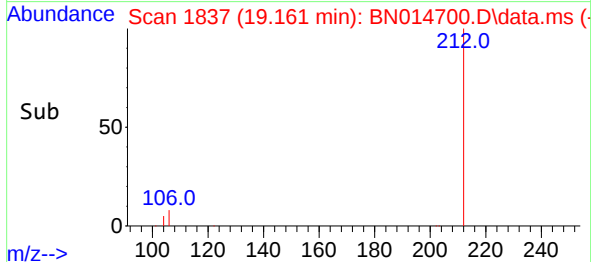
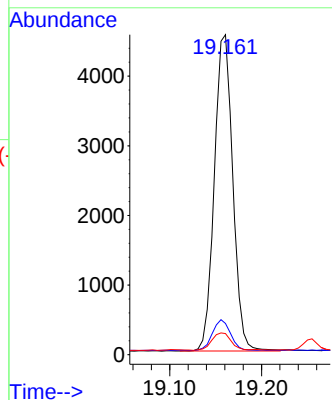
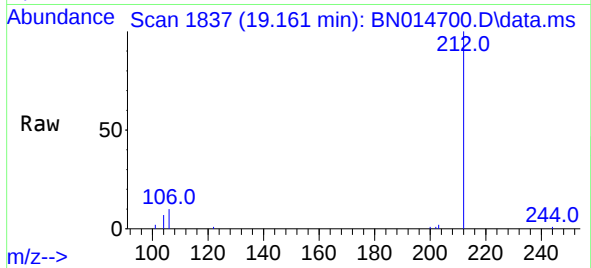




#27
Fluoranthene-d10
Concen: 0.26 ng
RT: 19.161 min Scan# 1837
Delta R.T. 0.002 min
Lab File: BN014700.D
Acq: 21 May 2021 19:12

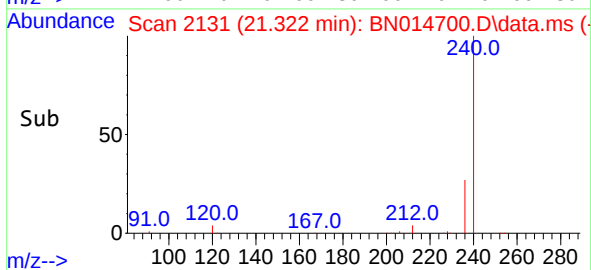
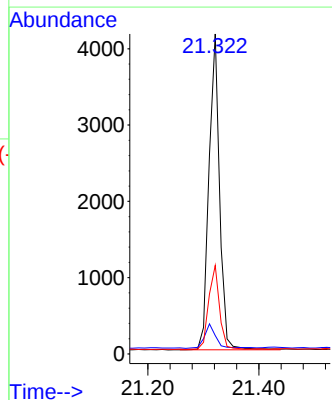
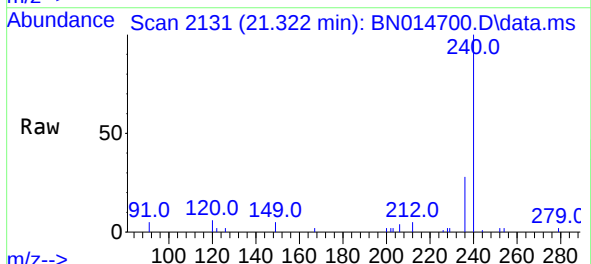
Instrument :
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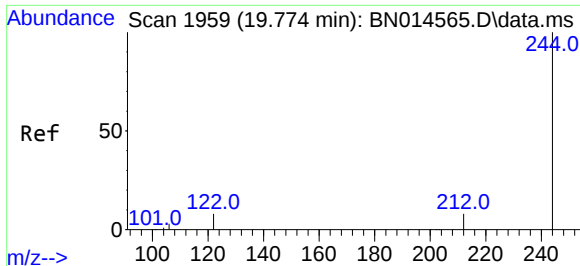
Tgt Ion:212 Resp: 6337
Ion Ratio Lower Upper
212 100
106 9.6 10.1 15.1#
104 6.0 5.4 8.2



#29
Chrysene-d12
Concen: 0.40 ng
RT: 21.322 min Scan# 2131
Delta R.T. 0.008 min
Lab File: BN014700.D
Acq: 21 May 2021 19:12

Tgt Ion:240 Resp: 5506
Ion Ratio Lower Upper
240 100
120 5.8 5.8 8.8#
236 27.7 20.6 30.8

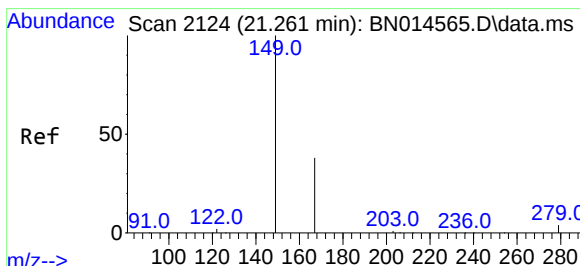
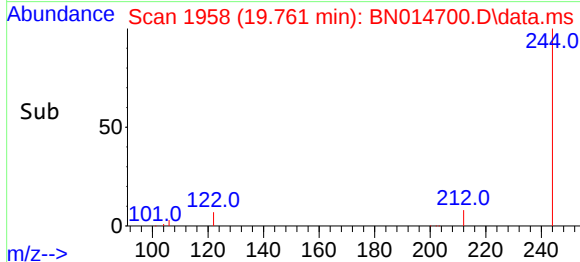
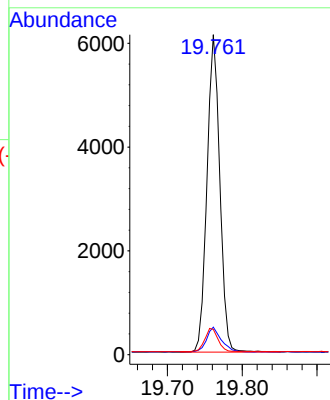
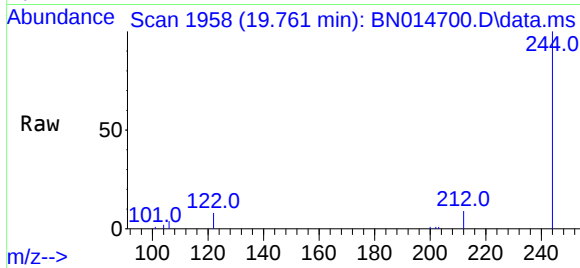




#31
Terphenyl-d14
Concen: 0.56 ng
RT: 19.761 min Scan# 1958
Delta R.T. 0.002 min
Lab File: BN014700.D
Acq: 21 May 2021 19:12

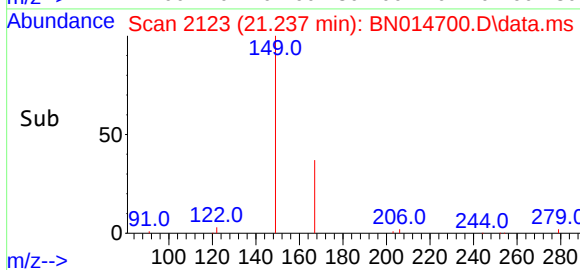
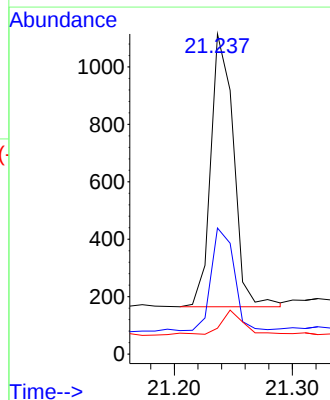
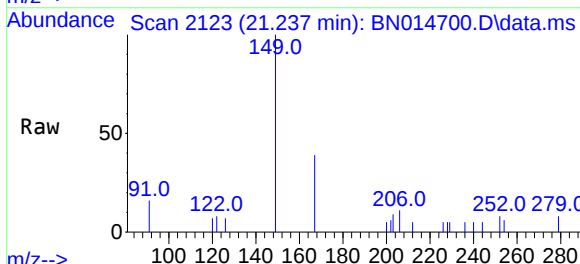
Instrument :
BNA_N
ClientSampleId :
BP-VPB-RW8-GW-838-840

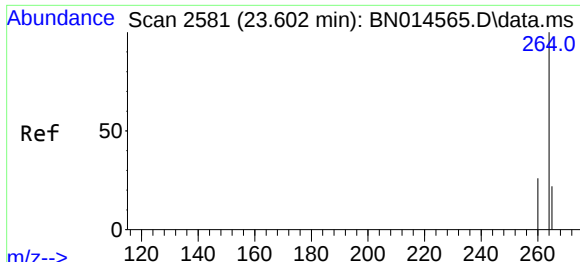
Tgt Ion:244 Resp: 7260
Ion Ratio Lower Upper
244 100
212 8.6 6.0 9.0
122 7.9 9.3 13.9#



#34
Bis(2-ethylhexyl)phthalate
Concen: 0.29 ng
RT: 21.237 min Scan# 2123
Delta R.T. -0.003 min
Lab File: BN014700.D
Acq: 21 May 2021 19:12

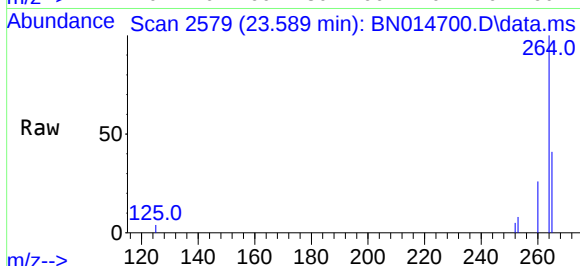
Tgt Ion:149 Resp: 1272
Ion Ratio Lower Upper
149 100
167 38.6 20.5 30.7#
279 10.7 2.9 4.3#





#35
Perylene-d12
Concen: 0.40 ng
RT: 23.589 min Scan# 2579
Delta R.T. 0.004 min
Lab File: BN014700.D
Acq: 21 May 2021 19:12

Instrument :
BNA_N
ClientSampleId :
BP-VPB-RW8-GW-838-840



Tgt Ion:	264	Resp:	5030
Ion	Ratio	Lower	Upper
264	100		
260	25.9	19.5	29.3
265	41.4	35.4	53.0

