

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN052821\
 Data File : BN014802.D
 Acq On : 28 May 2021 12:20
 Operator : CG/JU
 Sample : PB136632BL
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 PB136632BL

Quant Time: May 28 13:01:45 2021
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\8270-SIM-BN052621.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu May 27 01:39:07 2021
 Response via : Initial Calibration

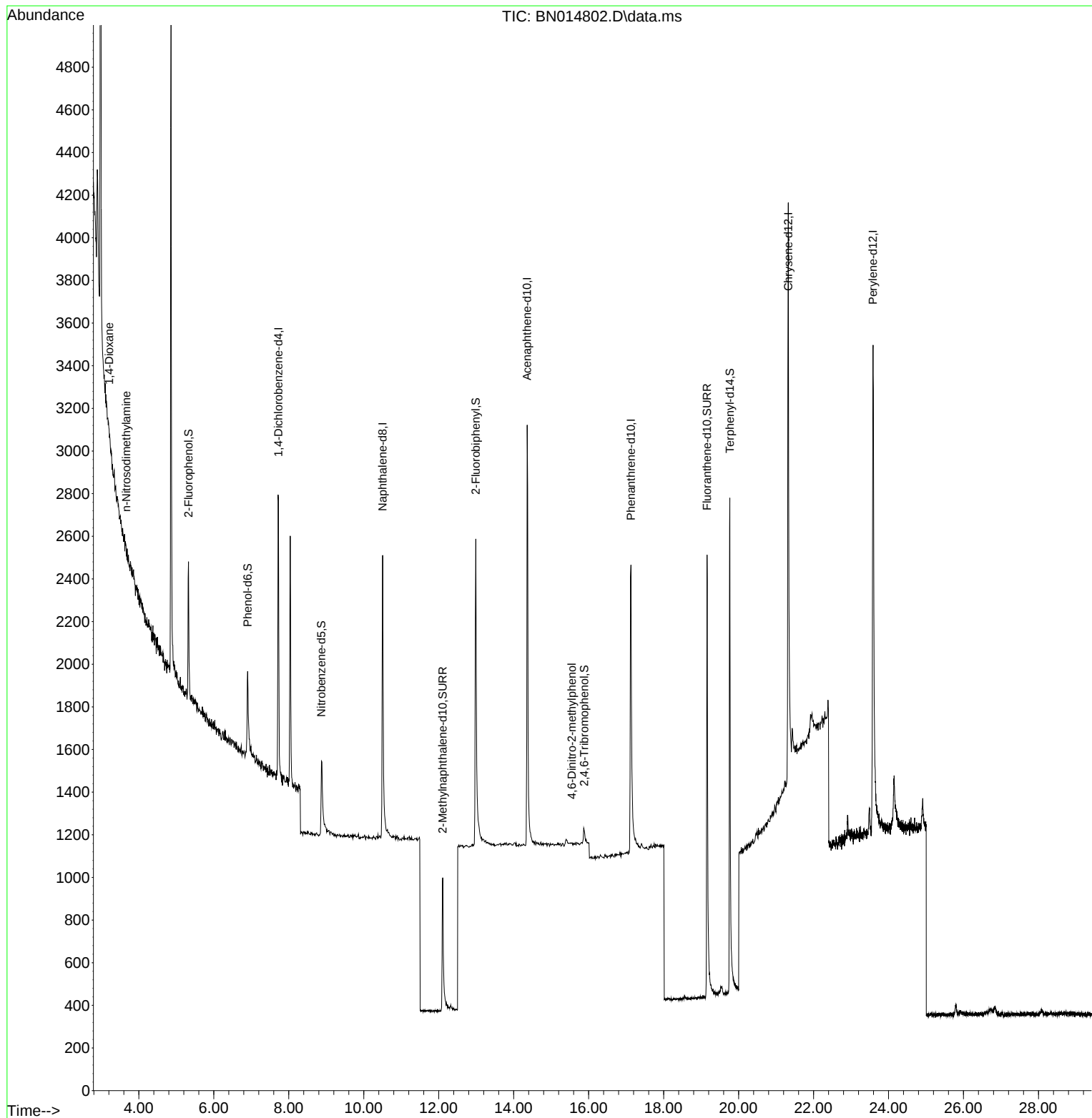
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.724	152	712	0.40	ng	0.00
7) Naphthalene-d8	10.505	136	2309	0.40	ng	0.00
13) Acenaphthene-d10	14.359	164	1552	0.40	ng	0.00
19) Phenanthrene-d10	17.128	188	3287	0.40	ng	0.01
29) Chrysene-d12	21.324	240	4118	0.40	ng	# 0.00
35) Perylene-d12	23.585	264	4318	0.40	ng	0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.324	112	600	0.31	ng	0.00
5) Phenol-d6	6.903	99	561	0.22	ng	0.00
8) Nitrobenzene-d5	8.870	82	616	0.29	ng	0.00
11) 2-Methylnaphthalene-d10	12.106	152	1255	0.27	ng	0.00
14) 2,4,6-Tribromophenol	15.881	330	117	0.13	ng	0.01
15) 2-Fluorobiphenyl	12.988	172	1846	0.32	ng	0.00
27) Fluoranthene-d10	19.158	212	3546	0.27	ng	0.00
31) Terphenyl-d14	19.764	244	3614	0.37	ng	0.00
Target Compounds						
2) 1,4-Dioxane	3.206	88	65	0.08	ng	# 31
3) n-Nitrosodimethylamine	3.665	42	30	0.29	ng	# 37
20) 4,6-Dinitro-2-methylph...	15.551	198	2	0.03	ng	# 67

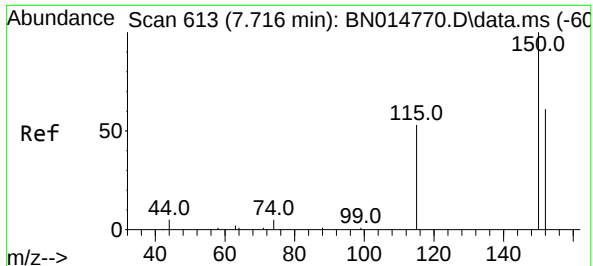
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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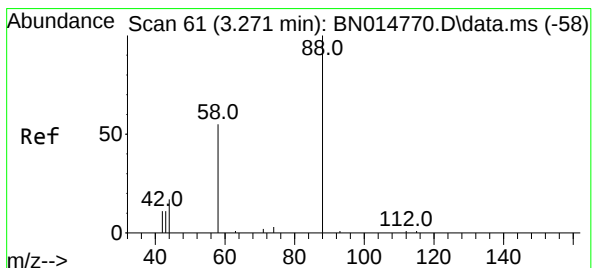
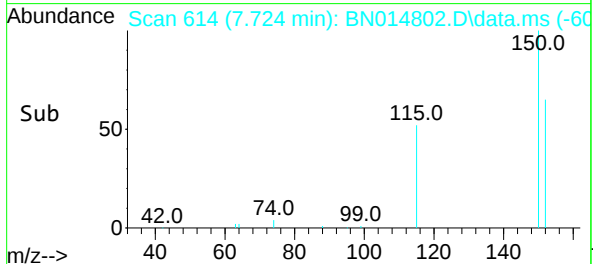
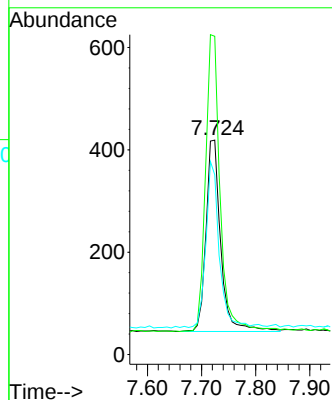
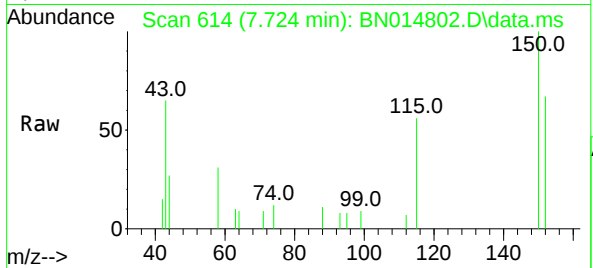




#1
 1,4-Dichlorobenzene-d4
 Concen: 0.40 ng
 RT: 7.724 min Scan# 614
 Delta R.T. 0.008 min
 Lab File: BN014802.D
 Acq: 28 May 2021 12:20

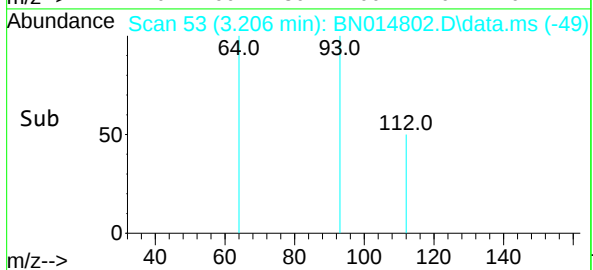
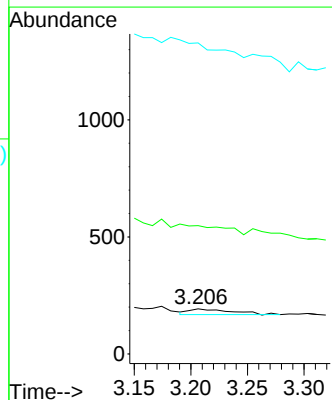
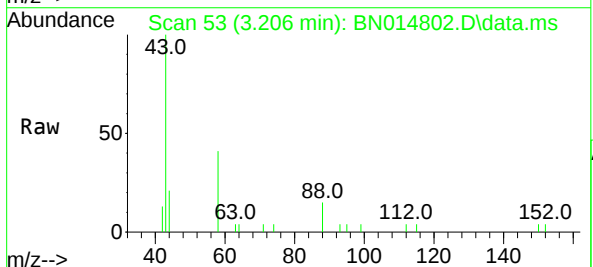
Instrument :
 BNA_N
 ClientSampled :
 PB136632BL

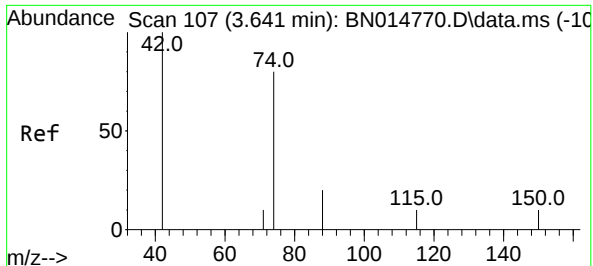
Tgt Ion: 152 Resp: 712
 Ion Ratio Lower Upper
 152 100
 150 148.4 123.4 185.2
 115 83.8 73.2 109.8



#2
 1,4-Dioxane
 Concen: 0.08 ng
 RT: 3.206 min Scan# 53
 Delta R.T. -0.065 min
 Lab File: BN014802.D
 Acq: 28 May 2021 12:20

Tgt Ion: 88 Resp: 65
 Ion Ratio Lower Upper
 88 100
 58 0.0 44.7 67.1#
 43 0.0 21.0 31.6#

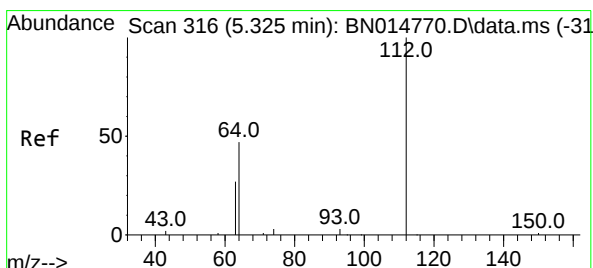
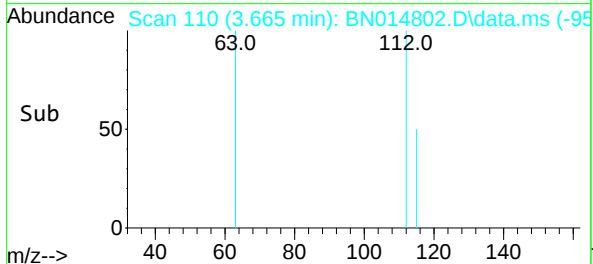
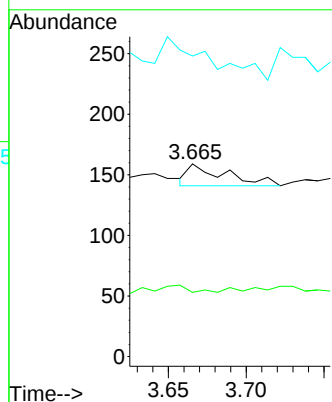
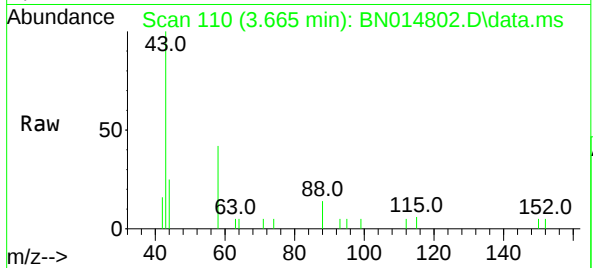




#3
n-Nitrosodimethylamine
Concen: 0.29 ng
RT: 3.665 min Scan# 110
Delta R.T. 0.024 min
Lab File: BN014802.D
Acq: 28 May 2021 12:20

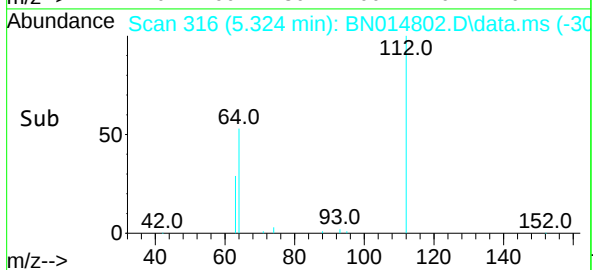
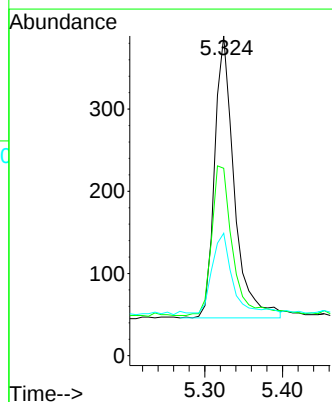
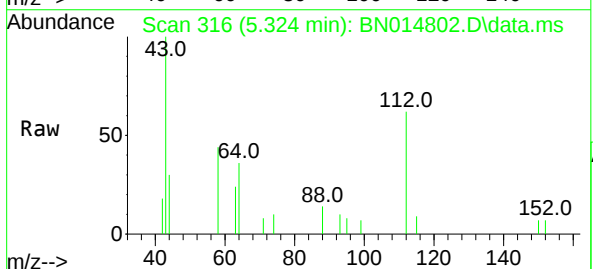
Instrument :
BNA_N
ClientSampleId :
PB136632BL

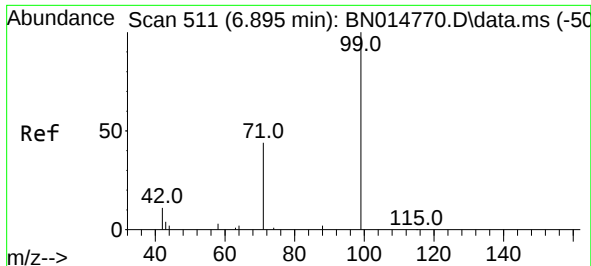
Tgt Ion: 42 Resp: 30
Ion Ratio Lower Upper
42 100
74 30.0 0.0 0.0#
44 163.3 80.0 120.0#



#4
2-Fluorophenol
Concen: 0.31 ng
RT: 5.324 min Scan# 316
Delta R.T. -0.000 min
Lab File: BN014802.D
Acq: 28 May 2021 12:20

Tgt Ion: 112 Resp: 600
Ion Ratio Lower Upper
112 100
64 56.0 43.6 65.4
63 29.0 25.0 37.6

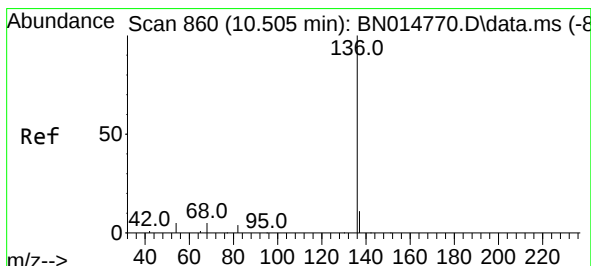
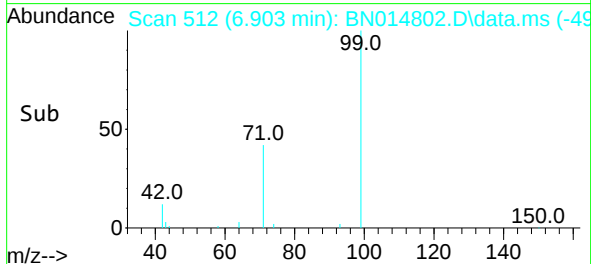
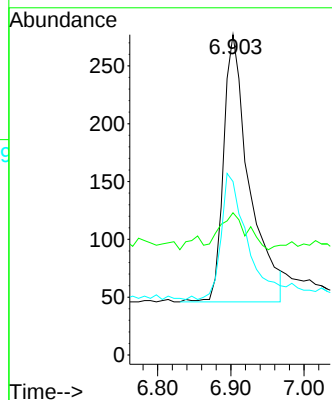
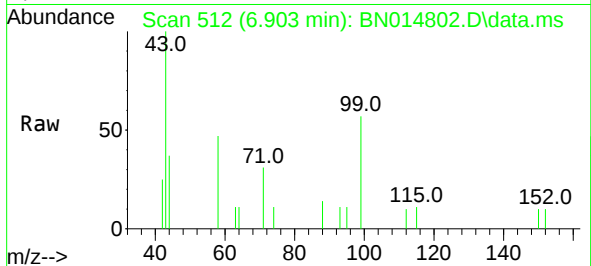




#5
Phenol-d6
Concen: 0.22 ng
RT: 6.903 min Scan# 512
Delta R.T. 0.008 min
Lab File: BN014802.D
Acq: 28 May 2021 12:20

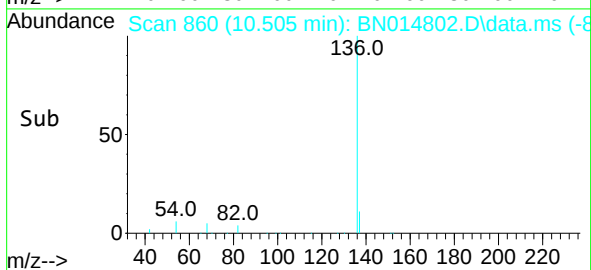
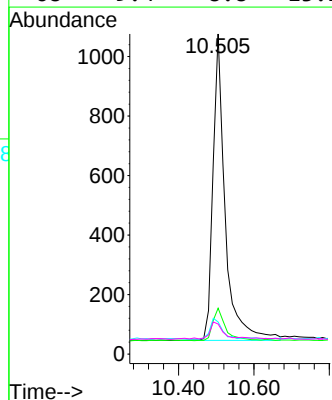
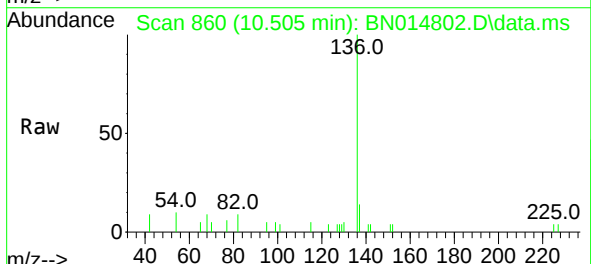
Instrument :
BNA_N
ClientSampleId :
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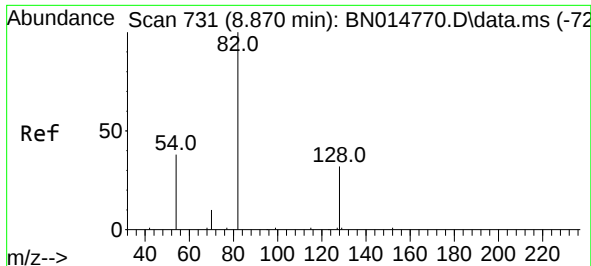
Tgt Ion:	99	Resp:	561
Ion	Ratio	Lower	Upper
99	100		
42	14.8	10.2	15.2
71	47.8	32.4	48.6



#7
Naphthalene-d8
Concen: 0.40 ng
RT: 10.505 min Scan# 860
Delta R.T. -0.000 min
Lab File: BN014802.D
Acq: 28 May 2021 12:20

Tgt Ion:	136	Resp:	2309
Ion	Ratio	Lower	Upper
136	100		
137	14.3	13.2	19.8
54	10.0	9.0	13.4
68	9.4	8.8	13.2

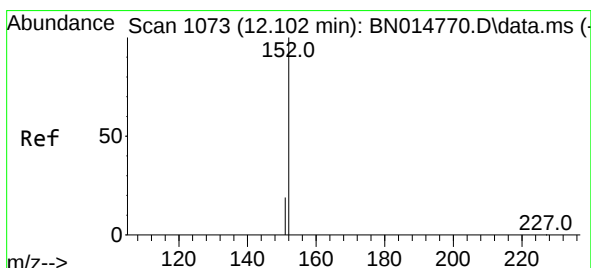
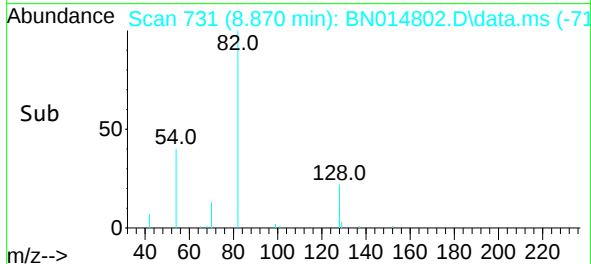
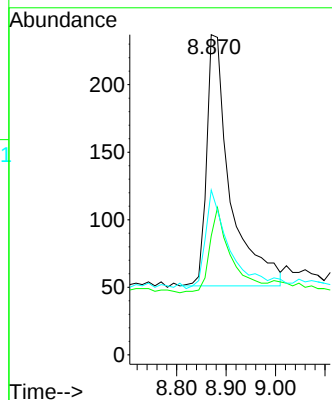
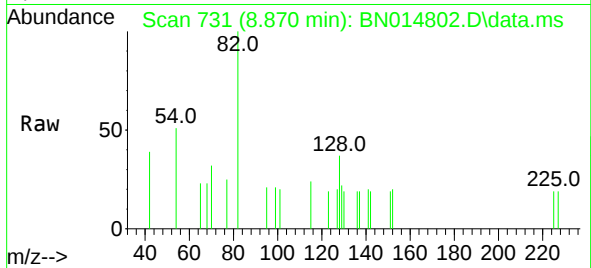




#8
Nitrobenzene-d5
Concen: 0.29 ng
RT: 8.870 min Scan# 731
Delta R.T. -0.000 min
Lab File: BN014802.D
Acq: 28 May 2021 12:20

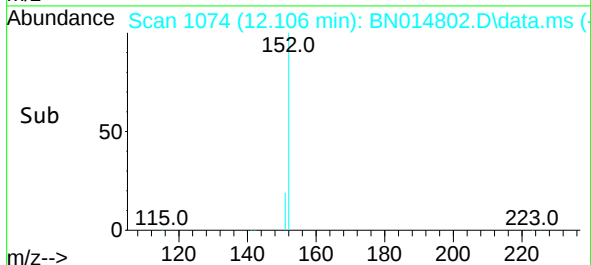
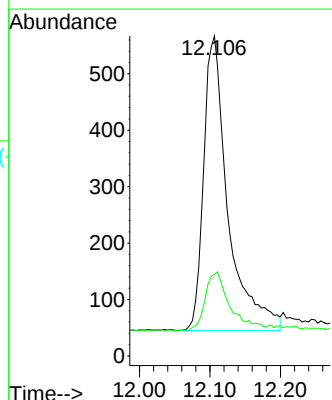
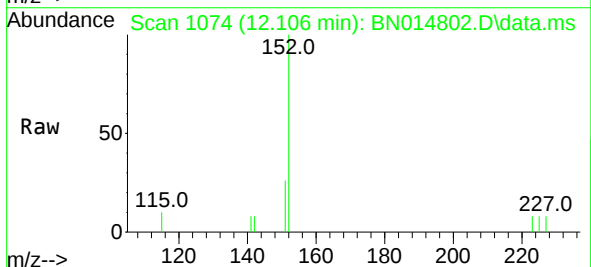
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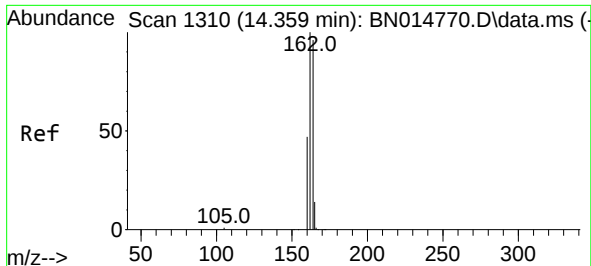
Tgt Ion: 82 Resp: 616
Ion Ratio Lower Upper
82 100
128 37.1 34.2 51.2
54 51.5 38.4 57.6



#11
2-Methylnaphthalene-d10
Concen: 0.27 ng
RT: 12.106 min Scan# 1074
Delta R.T. 0.004 min
Lab File: BN014802.D
Acq: 28 May 2021 12:20

Tgt Ion: 152 Resp: 1255
Ion Ratio Lower Upper
152 100
151 20.4 16.8 25.2

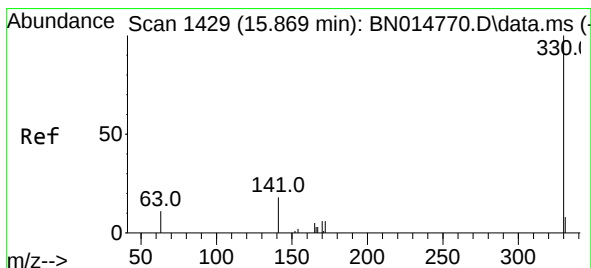
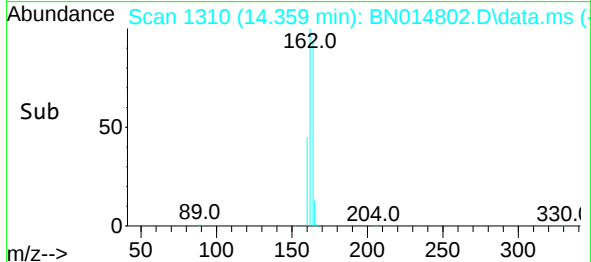
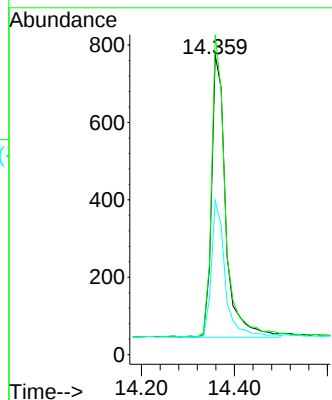
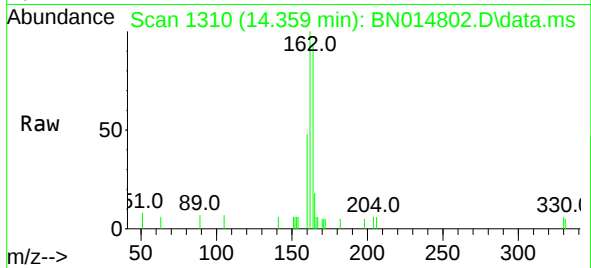




#13
Acenaphthene-d10
Concen: 0.40 ng
RT: 14.359 min Scan# 1310
Delta R.T. -0.000 min
Lab File: BN014802.D
Acq: 28 May 2021 12:20

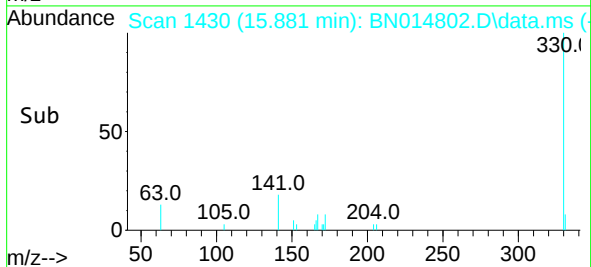
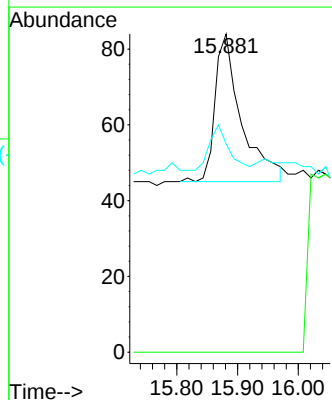
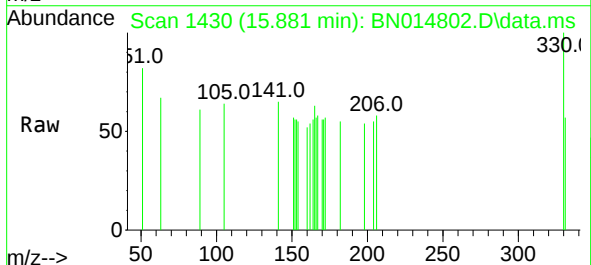
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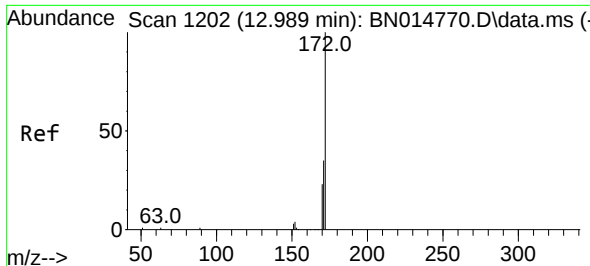
Tgt Ion:	164	Resp:	1552
Ion	Ratio	Lower	Upper
164	100		
162	106.8	83.2	124.8
160	51.4	41.8	62.6



#14
2,4,6-Tribromophenol
Concen: 0.13 ng
RT: 15.881 min Scan# 1430
Delta R.T. 0.013 min
Lab File: BN014802.D
Acq: 28 May 2021 12:20

Tgt Ion:	330	Resp:	117
Ion	Ratio	Lower	Upper
330	100		
332	0.0	0.0	0.0
141	23.1	21.8	32.6

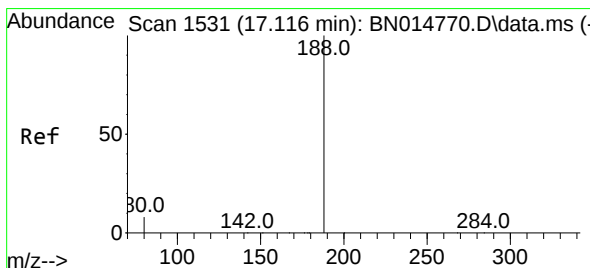
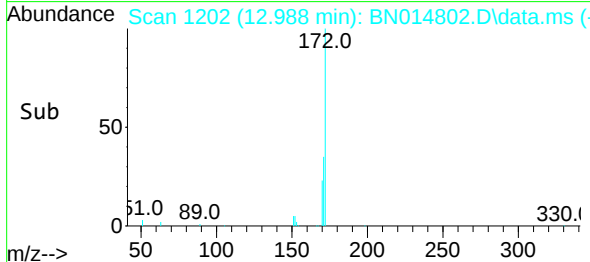
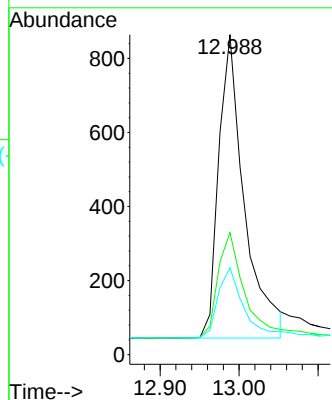
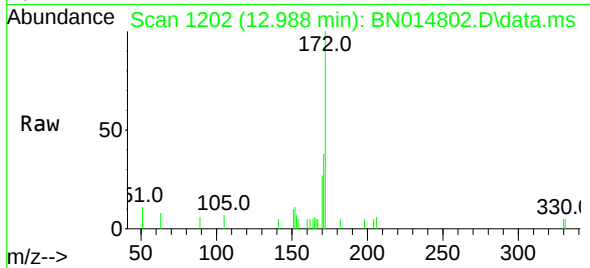




#15
2-Fluorobiphenyl
Concen: 0.32 ng
RT: 12.988 min Scan# 1202
Delta R.T. -0.000 min
Lab File: BN014802.D
Acq: 28 May 2021 12:20

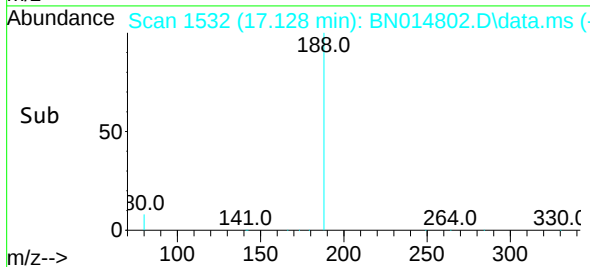
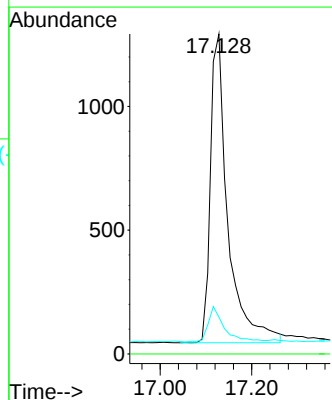
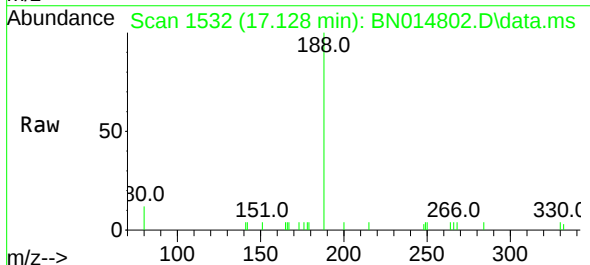
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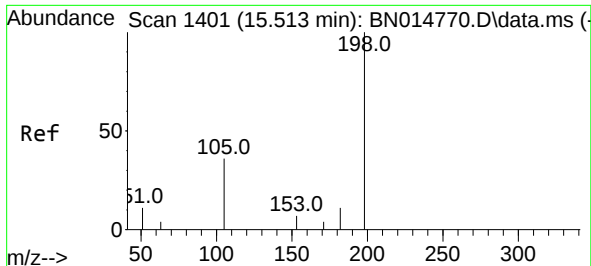
Tgt Ion:	172	Resp:	1846
Ion Ratio	Lower	Upper	
172	100		
171	38.2	30.9	46.3
170	27.2	21.4	32.0



#19
Phenanthrene-d10
Concen: 0.40 ng
RT: 17.128 min Scan# 1532
Delta R.T. 0.012 min
Lab File: BN014802.D
Acq: 28 May 2021 12:20

Tgt Ion:	188	Resp:	3287
Ion Ratio	Lower	Upper	
188	100		
94	0.0	0.0	0.0
80	11.5	8.2	12.4

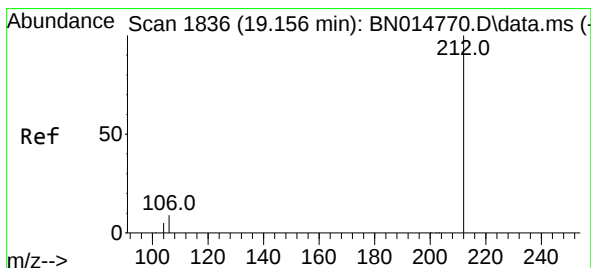
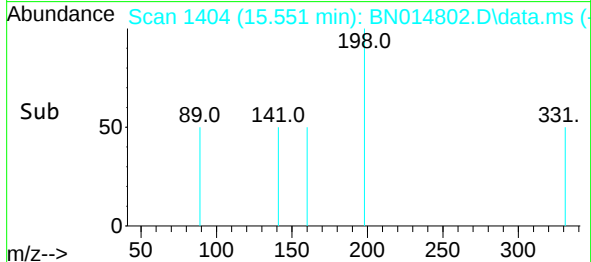
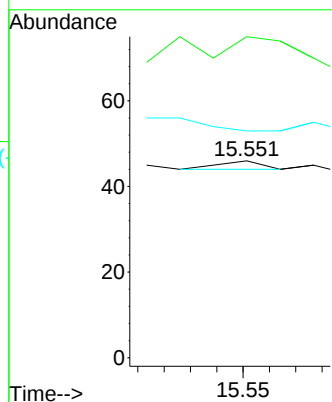
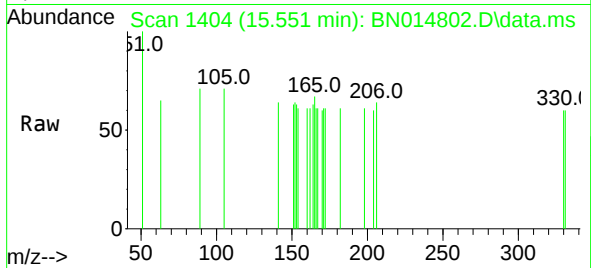




#20
4,6-Dinitro-2-methylphenol
Concen: 0.03 ng
RT: 15.551 min Scan# 1404
Delta R.T. 0.038 min
Lab File: BN014802.D
Acq: 28 May 2021 12:20

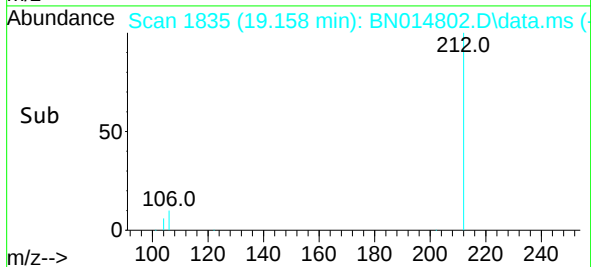
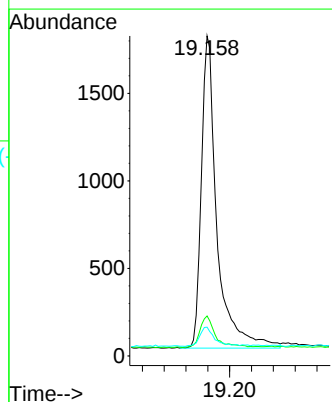
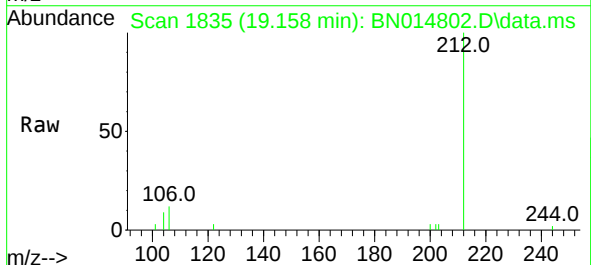
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PB136632BL

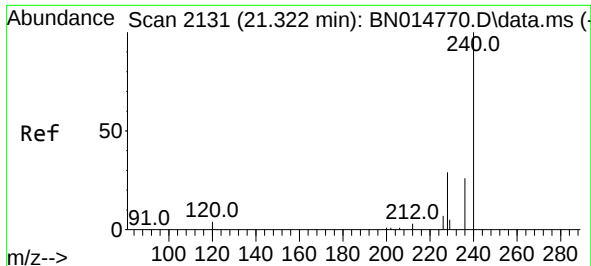
Tgt Ion:198 Resp: 2
Ion Ratio Lower Upper
198 100
51 163.0 96.4 144.6#
105 115.2 72.3 108.5#



#27
Fluoranthene-d10
Concen: 0.27 ng
RT: 19.158 min Scan# 1835
Delta R.T. 0.002 min
Lab File: BN014802.D
Acq: 28 May 2021 12:20

Tgt Ion:212 Resp: 3546
Ion Ratio Lower Upper
212 100
106 10.0 7.4 11.2
104 5.9 4.1 6.1

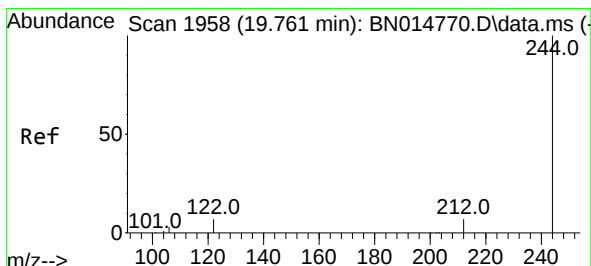
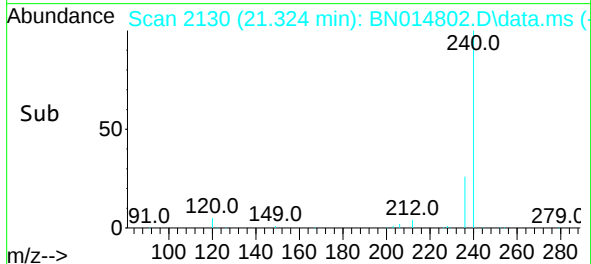
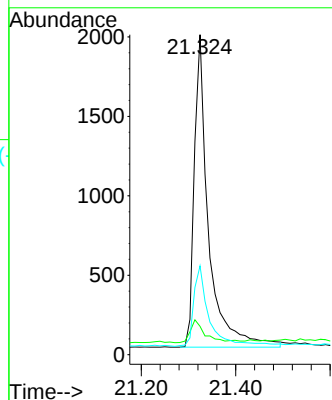
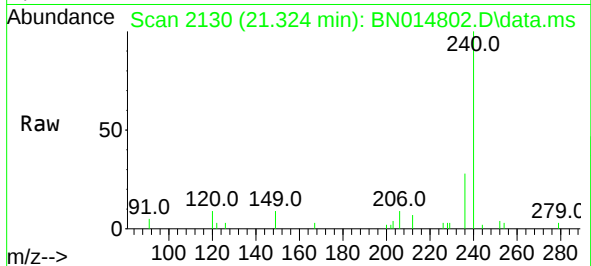




#29
Chrysene-d12
Concen: 0.40 ng
RT: 21.324 min Scan# 2130
Delta R.T. 0.003 min
Lab File: BN014802.D
Acq: 28 May 2021 12:20

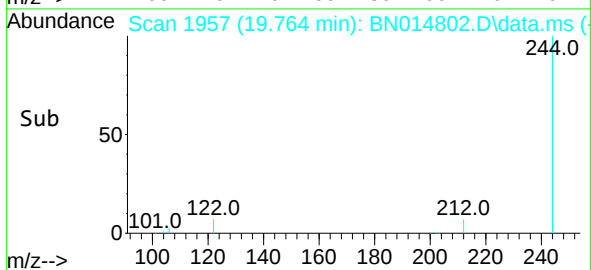
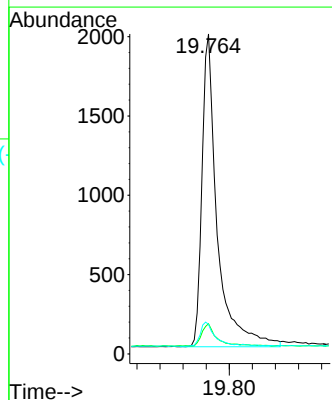
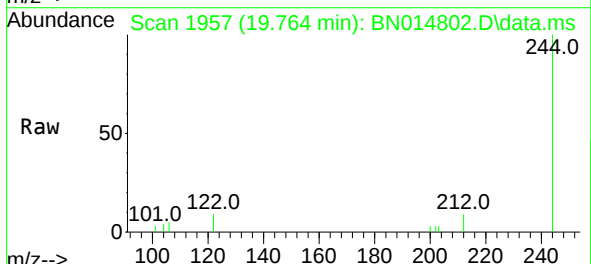
Instrument :
BNA_N
ClientSampleId :
PB136632BL

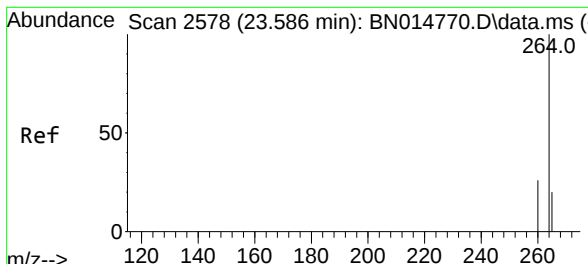
Tgt Ion:240 Resp: 4118
Ion Ratio Lower Upper
240 100
120 8.9 5.2 7.8#
236 27.8 21.6 32.4



#31
Terphenyl-d14
Concen: 0.37 ng
RT: 19.764 min Scan# 1957
Delta R.T. 0.003 min
Lab File: BN014802.D
Acq: 28 May 2021 12:20

Tgt Ion:244 Resp: 3614
Ion Ratio Lower Upper
244 100
212 9.4 6.8 10.2
122 9.2 6.6 9.8





#35
 Perylene-d12
 Concen: 0.40 ng
 RT: 23.585 min Scan# 2576
 Delta R.T. -0.001 min
 Lab File: BN014802.D
 Acq: 28 May 2021 12:20

Instrument :
 BNA_N
 ClientSampleId :
 PB136632BL

Tgt Ion:264 Resp: 4318

Ion	Ratio	Lower	Upper
264	100		
260	26.3	21.4	32.2
265	59.7	40.9	61.3

