

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN032221\
 Data File : BN014012.D
 Acq On : 22 Mar 2021 14:43
 Operator : CG/JU
 Sample : M1736-01
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 RE135D3-20210317

Quant Time: Mar 22 15:32:31 2021
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\8270-SIM-BN032021.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Mar 19 14:40:09 2021
 Response via : Initial Calibration

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

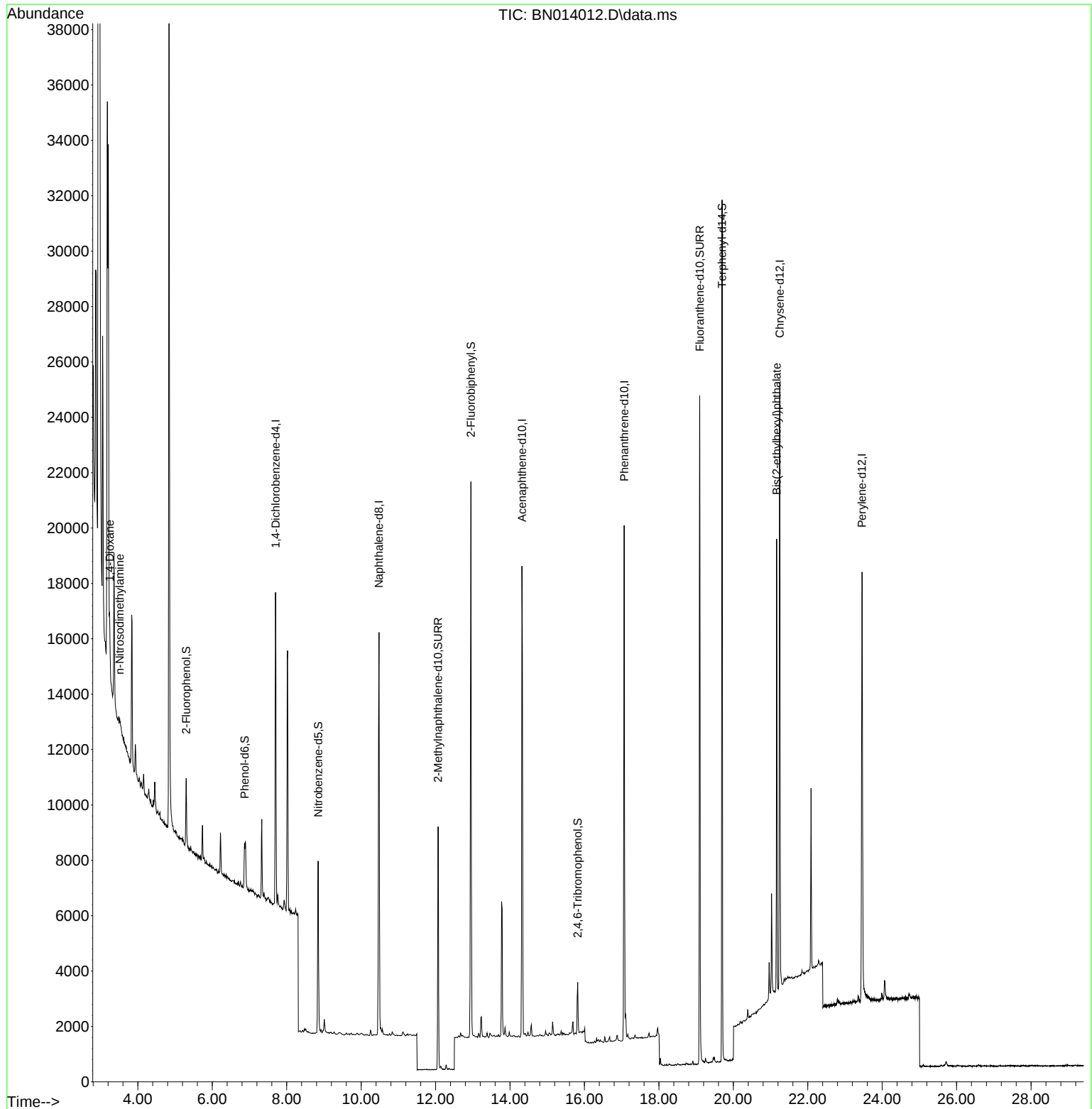
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.700	152	5349	0.40	ng	0.00
7) Naphthalene-d8	10.479	136	19785	0.40	ng	# 0.00
13) Acenaphthene-d10	14.321	164	10583	0.40	ng	-0.01
19) Phenanthrene-d10	17.067	188	23447	0.40	ng	# 0.00
29) Chrysene-d12	21.250	240	23382	0.40	ng	# 0.00
36) Perylene-d12	23.458	264	21305	0.40	ng	# 0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.300	112	1927	0.16	ng	0.00
5) Phenol-d6	6.871	99	1404	0.09	ng	0.00
8) Nitrobenzene-d5	8.845	82	4855	0.37	ng	0.00
11) 2-Methylnaphthalene-d10	12.066	152	11815	0.38	ng	0.00
14) 2,4,6-Tribromophenol	15.818	330	1374	0.40	ng	0.00
15) 2-Fluorobiphenyl	12.950	172	17027	0.43	ng	0.00
27) Fluoranthene-d10	19.099	212	27837	0.43	ng	0.00
31) Terphenyl-d14	19.700	244	30130	0.59	ng	0.00
Target Compounds						
2) 1,4-Dioxane	3.247	88	1360	0.19	ng	# 74
3) n-Nitrosodimethylamine	3.512	42	460	0.10	ng	# 1
34) Bis(2-ethylhexyl)phtha...	21.165	149	13326	0.54	ng	99

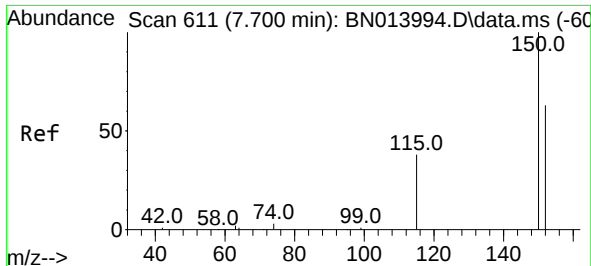
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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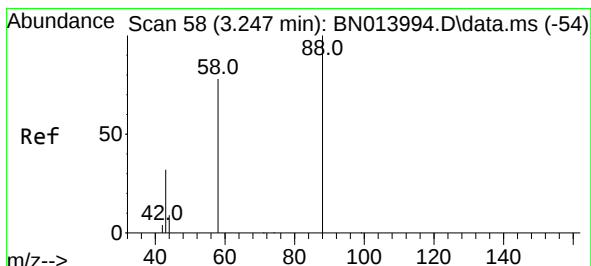
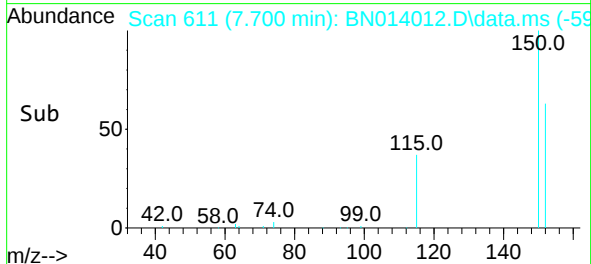
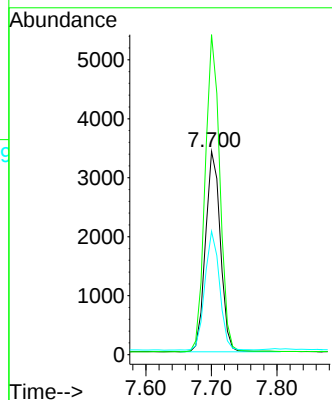
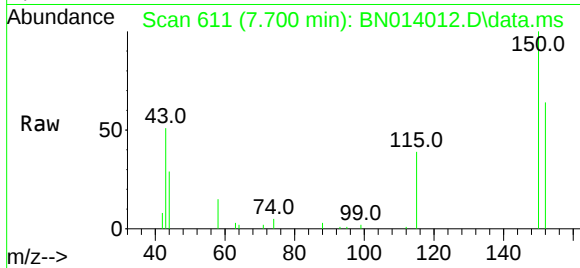




#1
 1,4-Dichlorobenzene-d4
 Concen: 0.40 ng
 RT: 7.700 min Scan# 611
 Delta R.T. 0.000 min
 Lab File: BN014012.D
 Acq: 22 Mar 2021 14:43

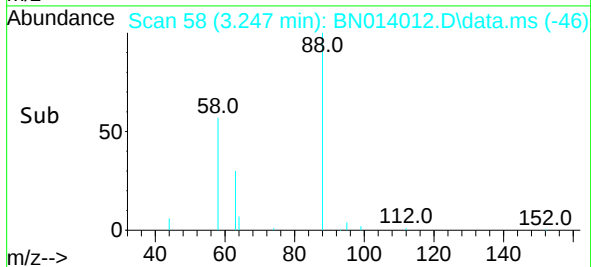
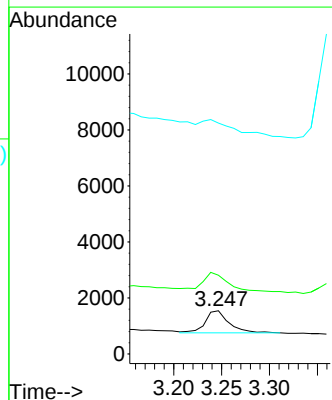
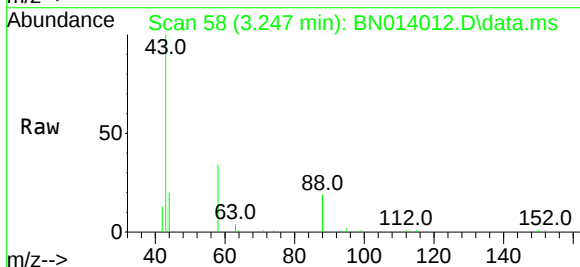
Instrument :
 BNA_N
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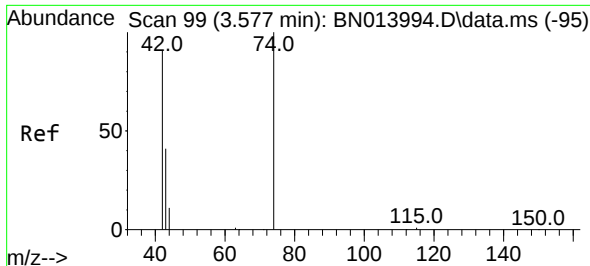
Tgt Ion:152 Resp: 5349
 Ion Ratio Lower Upper
 152 100
 150 157.4 121.8 182.8
 115 60.6 46.6 69.8



#2
 1,4-Dioxane
 Concen: 0.19 ng
 RT: 3.247 min Scan# 58
 Delta R.T. -0.000 min
 Lab File: BN014012.D
 Acq: 22 Mar 2021 14:43

Tgt Ion: 88 Resp: 1360
 Ion Ratio Lower Upper
 88 100
 58 91.8 64.6 96.8
 43 0.0 26.6 40.0#

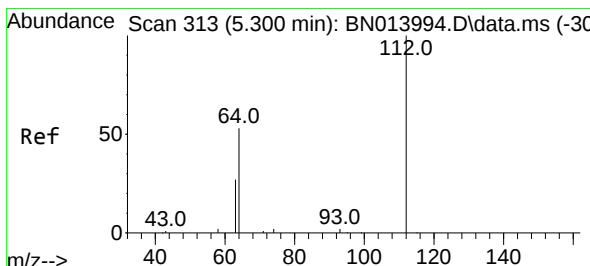
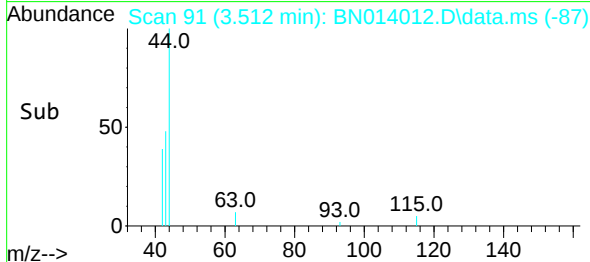
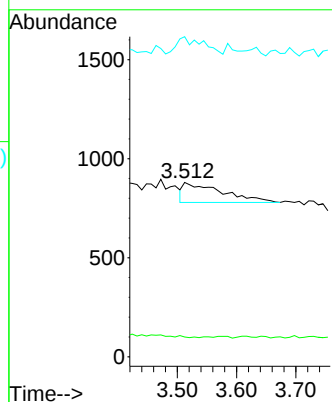
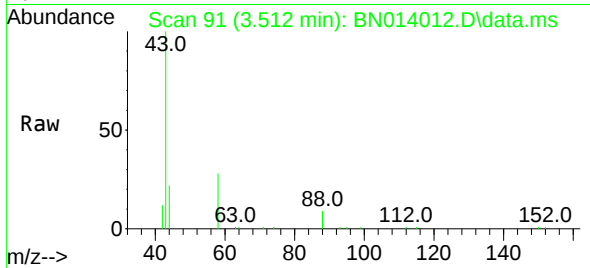




#3
n-Nitrosodimethylamine
Concen: 0.10 ng
RT: 3.512 min Scan# 91
Delta R.T. -0.065 min
Lab File: BN014012.D
Acq: 22 Mar 2021 14:43

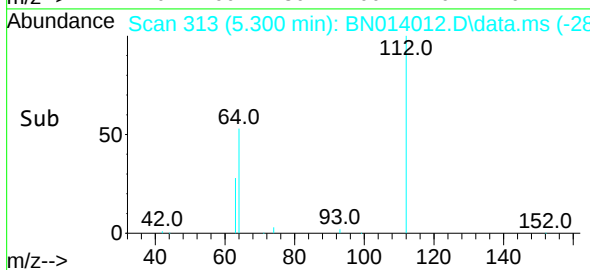
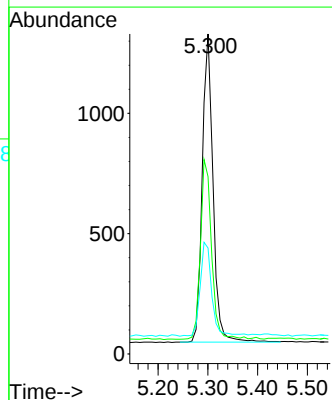
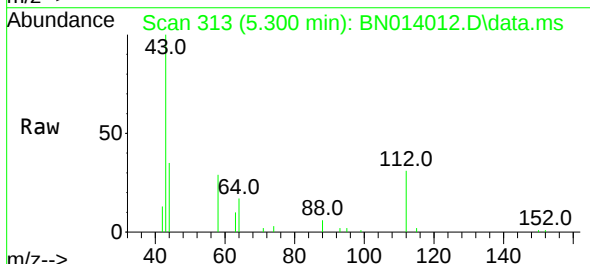
Instrument :
BNA_N
ClientSampleId :
RE135D3-20210317

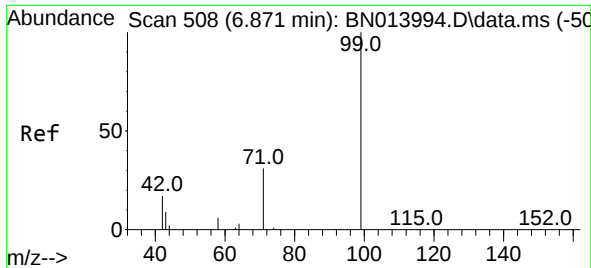
Tgt Ion: 42 Resp: 460
Ion Ratio Lower Upper
42 100
74 0.0 95.0 142.6#
44 51.7 5.8 8.8#



#4
2-Fluorophenol
Concen: 0.16 ng
RT: 5.300 min Scan# 313
Delta R.T. -0.000 min
Lab File: BN014012.D
Acq: 22 Mar 2021 14:43

Tgt Ion: 112 Resp: 1927
Ion Ratio Lower Upper
112 100
64 60.0 44.3 66.5
63 32.7 23.0 34.6

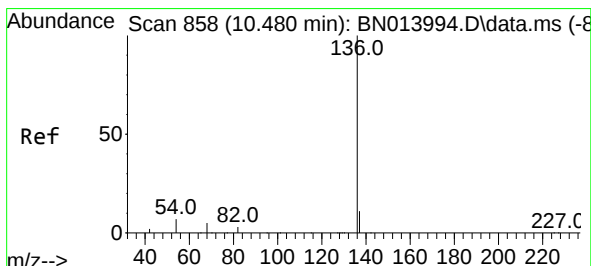
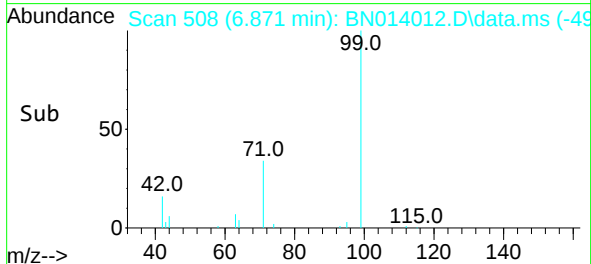
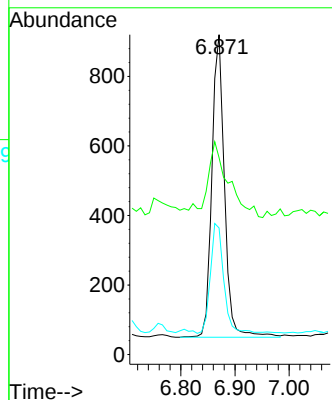
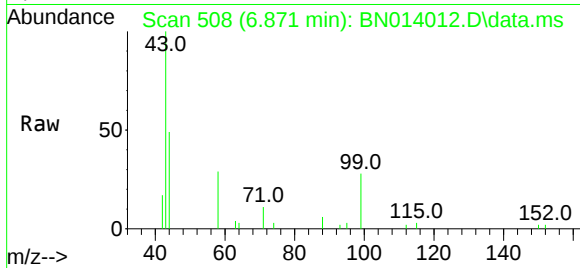




#5
Phenol-d6
Concen: 0.09 ng
RT: 6.871 min Scan# 508
Delta R.T. -0.000 min
Lab File: BN014012.D
Acq: 22 Mar 2021 14:43

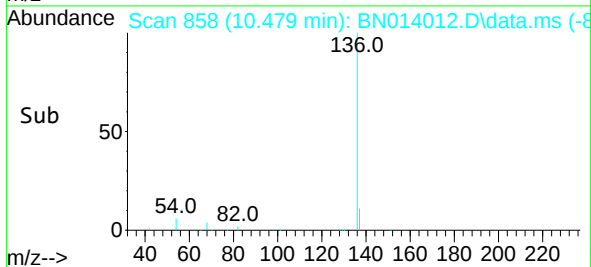
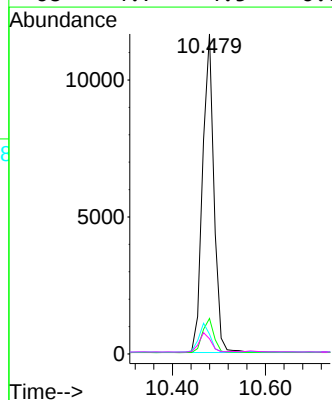
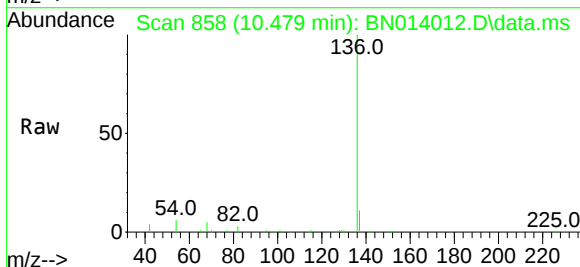
Instrument :
BNA_N
ClientSampleId :
RE135D3-20210317

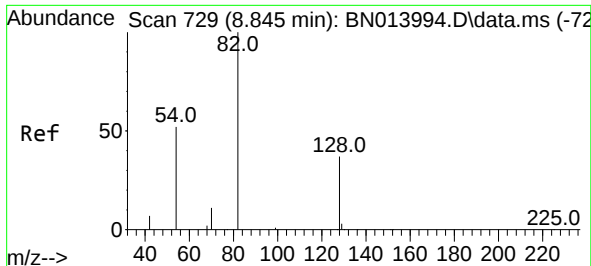
Tgt Ion: 99 Resp: 1404
Ion Ratio Lower Upper
99 100
42 42.2 15.2 22.8#
71 38.3 26.1 39.1



#7
Naphthalene-d8
Concen: 0.40 ng
RT: 10.479 min Scan# 858
Delta R.T. -0.000 min
Lab File: BN014012.D
Acq: 22 Mar 2021 14:43

Tgt Ion: 136 Resp: 19785
Ion Ratio Lower Upper
136 100
137 11.1 9.0 13.6
54 6.2 6.4 9.6#
68 4.7 4.5 6.7

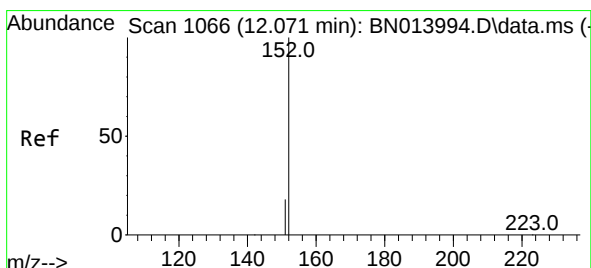
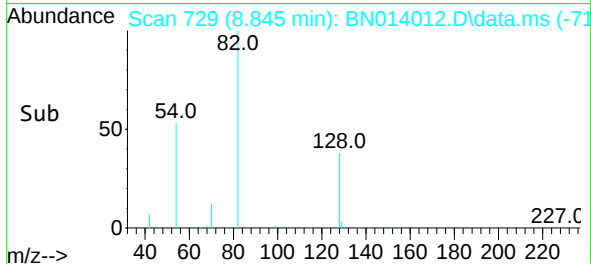
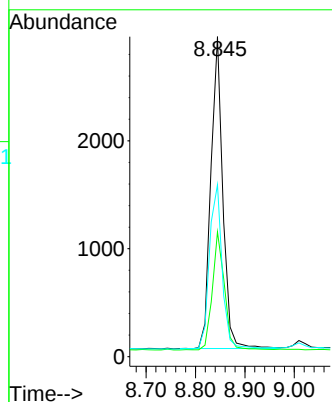
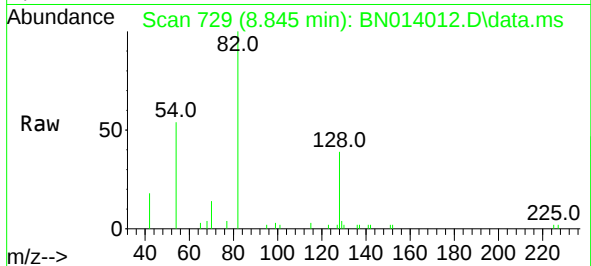




#8
Nitrobenzene-d5
Concen: 0.37 ng
RT: 8.845 min Scan# 729
Delta R.T. -0.000 min
Lab File: BN014012.D
Acq: 22 Mar 2021 14:43

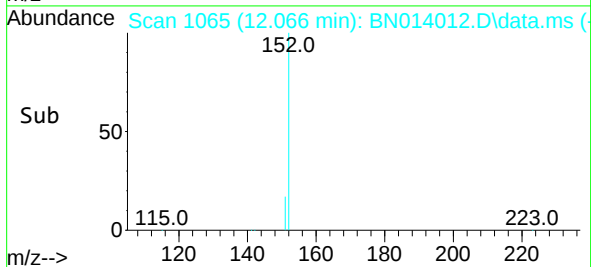
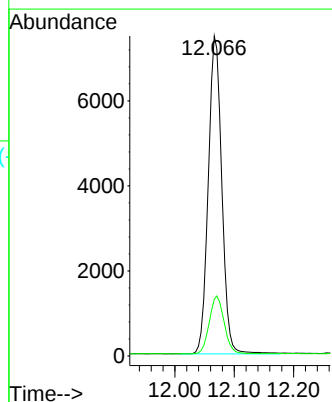
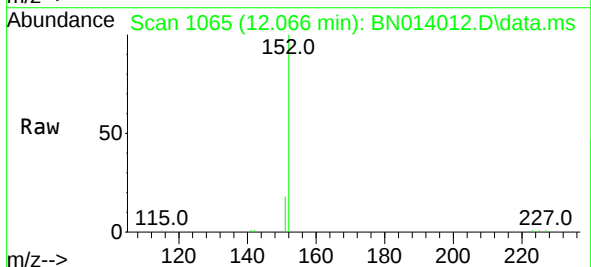
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ClientSampleId :
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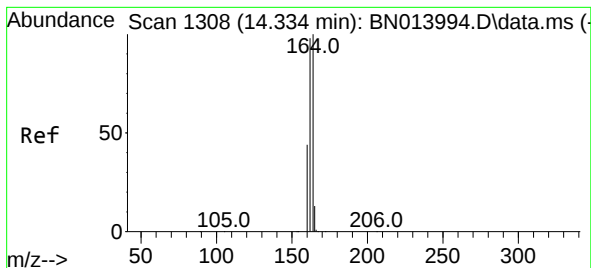
Tgt Ion: 82 Resp: 4855
Ion Ratio Lower Upper
82 100
128 39.0 39.2 58.8#
54 53.8 40.1 60.1



#11
2-Methylnaphthalene-d10
Concen: 0.38 ng
RT: 12.066 min Scan# 1065
Delta R.T. -0.005 min
Lab File: BN014012.D
Acq: 22 Mar 2021 14:43

Tgt Ion: 152 Resp: 11815
Ion Ratio Lower Upper
152 100
151 20.1 16.2 24.2

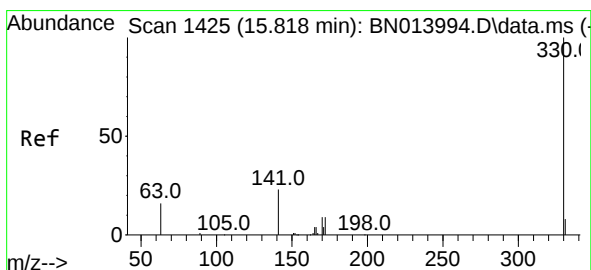
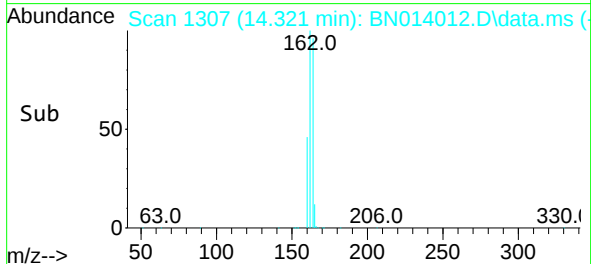
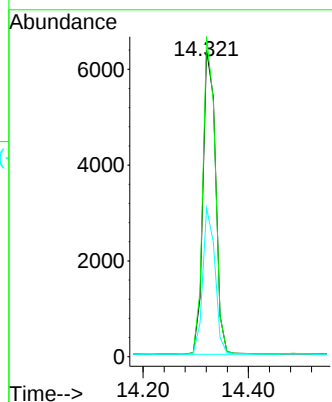
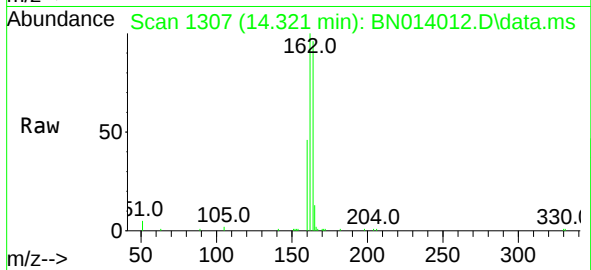




#13
Acenaphthene-d10
Concen: 0.40 ng
RT: 14.321 min Scan# 1307
Delta R.T. -0.013 min
Lab File: BN014012.D
Acq: 22 Mar 2021 14:43

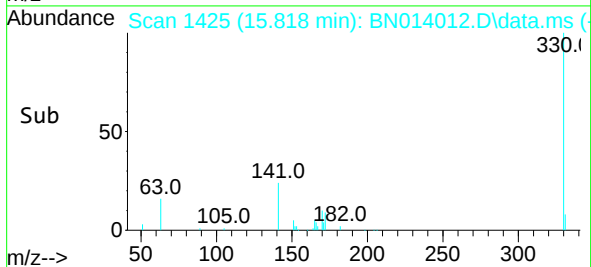
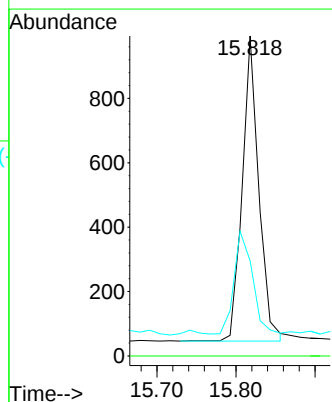
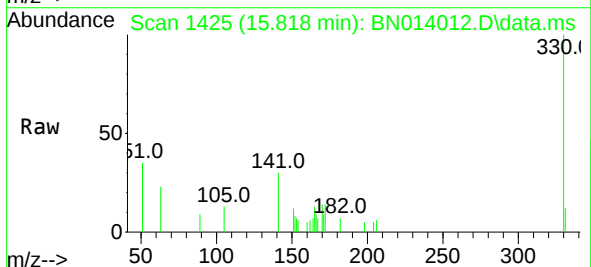
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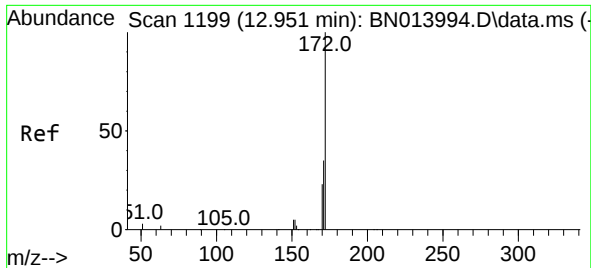
Tgt Ion:164 Resp: 10583
Ion Ratio Lower Upper
164 100
162 104.4 79.6 119.4
160 48.5 36.0 54.0



#14
2,4,6-Tribromophenol
Concen: 0.40 ng
RT: 15.818 min Scan# 1425
Delta R.T. -0.000 min
Lab File: BN014012.D
Acq: 22 Mar 2021 14:43

Tgt Ion:330 Resp: 1374
Ion Ratio Lower Upper
330 100
332 0.0 0.0 0.0
141 37.5 26.8 40.2

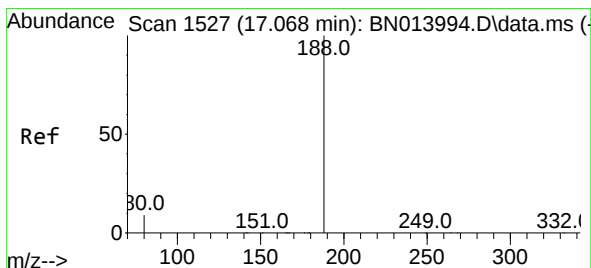
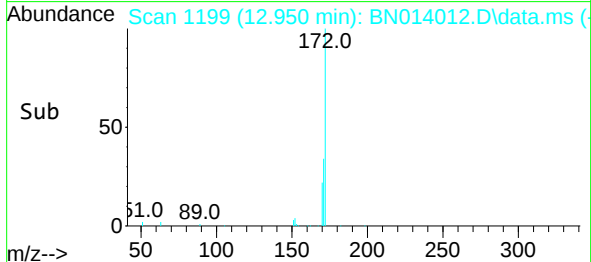
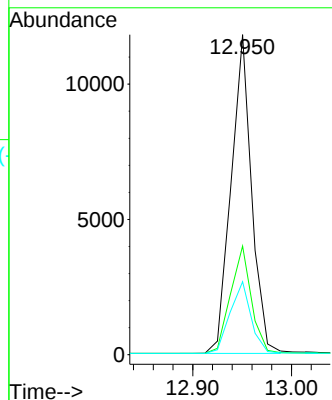
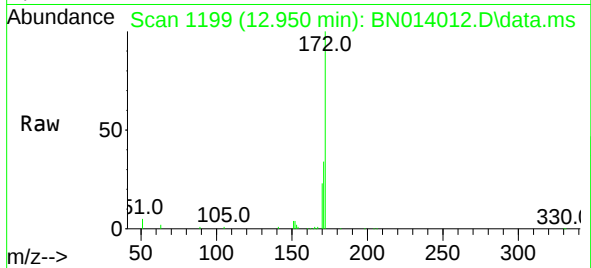




#15
2-Fluorobiphenyl
Concen: 0.43 ng
RT: 12.950 min Scan# 1199
Delta R.T. -0.000 min
Lab File: BN014012.D
Acq: 22 Mar 2021 14:43

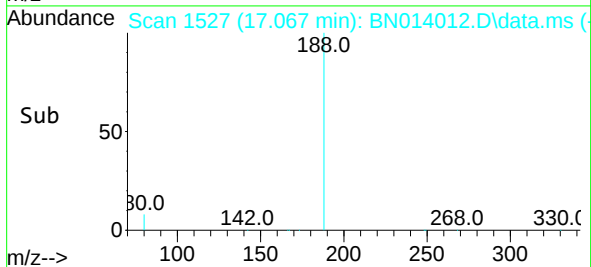
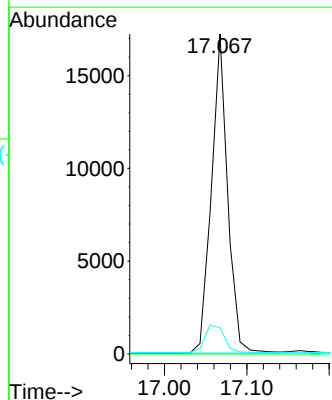
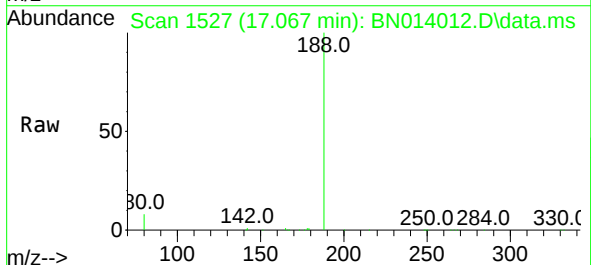
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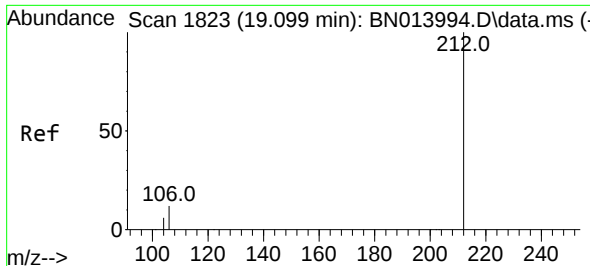
Tgt Ion:	172	Resp:	17027
Ion Ratio	Lower	Upper	
172	100		
171	34.0	28.6	42.8
170	22.8	18.9	28.3



#19
Phenanthrene-d10
Concen: 0.40 ng
RT: 17.067 min Scan# 1527
Delta R.T. -0.000 min
Lab File: BN014012.D
Acq: 22 Mar 2021 14:43

Tgt Ion:	188	Resp:	23447
Ion Ratio	Lower	Upper	
188	100		
94	0.0	0.0	0.0
80	8.2	9.0	13.6

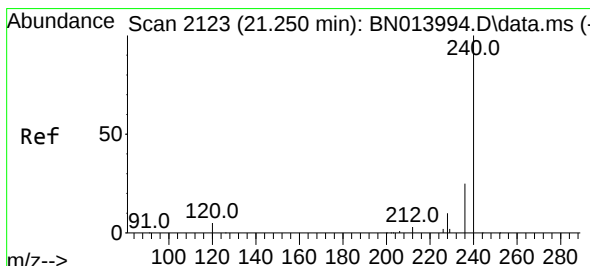
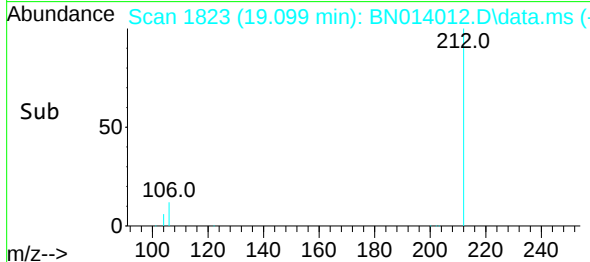
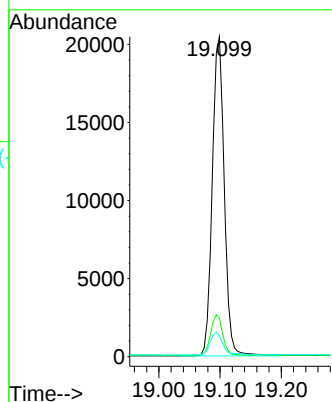
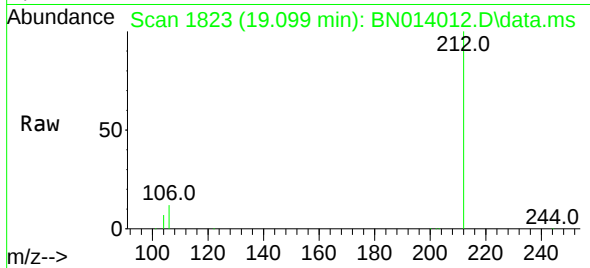




#27
Fluoranthene-d10
Concen: 0.43 ng
RT: 19.099 min Scan# 1823
Delta R.T. -0.000 min
Lab File: BN014012.D
Acq: 22 Mar 2021 14:43

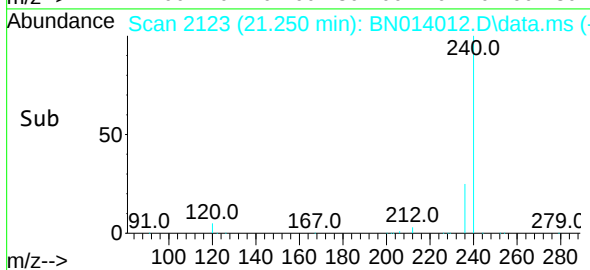
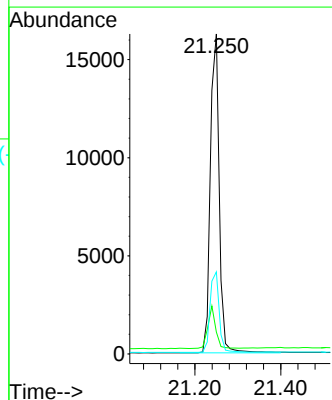
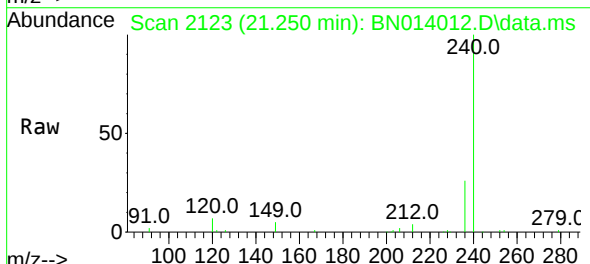
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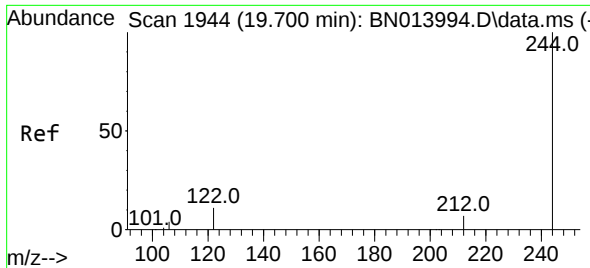
Tgt Ion:212 Resp: 27837
Ion Ratio Lower Upper
212 100
106 12.6 9.7 14.5
104 7.5 5.5 8.3



#29
Chrysene-d12
Concen: 0.40 ng
RT: 21.250 min Scan# 2123
Delta R.T. -0.000 min
Lab File: BN014012.D
Acq: 22 Mar 2021 14:43

Tgt Ion:240 Resp: 23382
Ion Ratio Lower Upper
240 100
120 6.8 10.2 15.4#
236 25.7 21.3 31.9

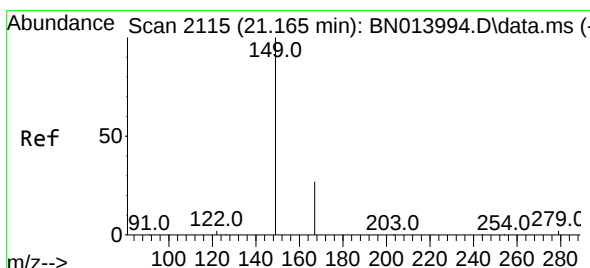
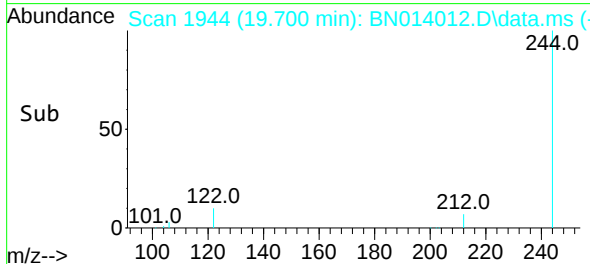
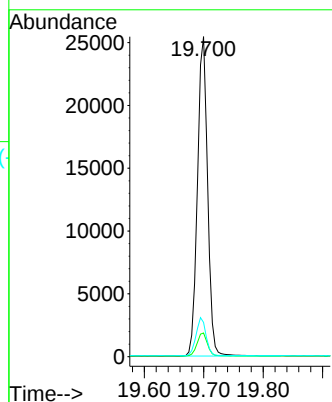
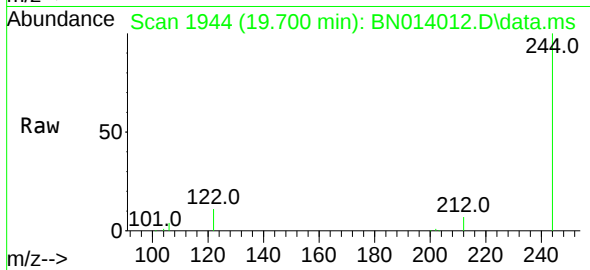




#31
 Terphenyl-d14
 Concen: 0.59 ng
 RT: 19.700 min Scan# 1944
 Delta R.T. -0.000 min
 Lab File: BN014012.D
 Acq: 22 Mar 2021 14:43

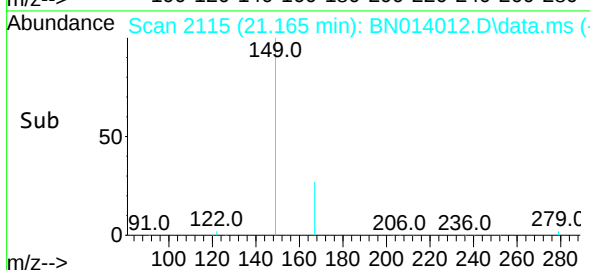
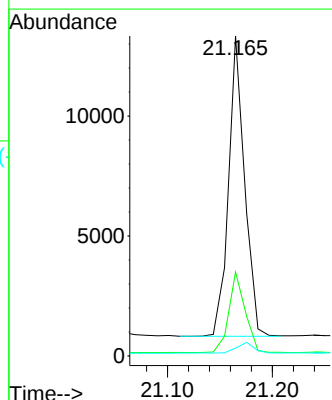
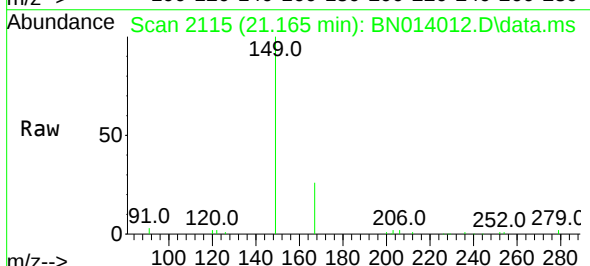
Instrument :
 BNA_N
 ClientSampleId :
 RE135D3-20210317

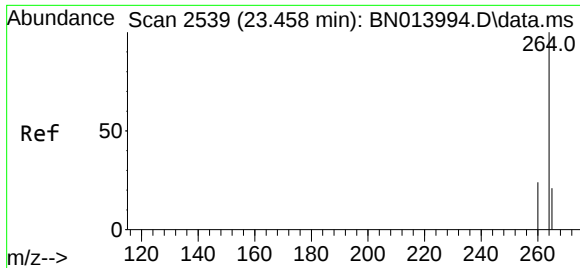
Tgt Ion:244	Resp:	30130
Ion Ratio	Lower	Upper
244	100	
212	7.4	6.1 9.1
122	10.7	9.8 14.8



#34
 Bis(2-ethylhexyl)phthalate
 Concen: 0.54 ng
 RT: 21.165 min Scan# 2115
 Delta R.T. -0.000 min
 Lab File: BN014012.D
 Acq: 22 Mar 2021 14:43

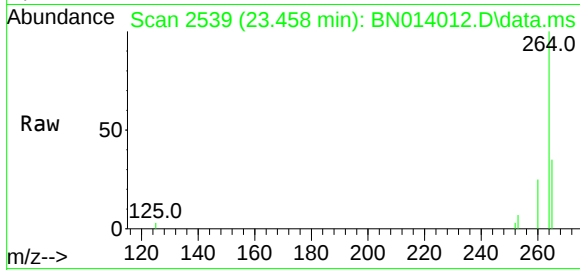
Tgt Ion:149	Resp:	13326
Ion Ratio	Lower	Upper
149	100	
167	27.3	22.1 33.1
279	4.0	3.5 5.3





#36
 Perylene-d12
 Concen: 0.40 ng
 RT: 23.458 min Scan# 2539
 Delta R.T. -0.000 min
 Lab File: BN014012.D
 Acq: 22 Mar 2021 14:43

Instrument :
 BNA_N
 ClientSampleId :
 RE135D3-20210317



Tgt Ion:264 Resp: 21305

Ion	Ratio	Lower	Upper
264	100		
260	24.6	19.3	28.9
265	34.7	66.2	99.4#

