

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN032221\
 Data File : BN014024.D
 Acq On : 22 Mar 2021 21:54
 Operator : CG/JU
 Sample : M1736-02DL 2X
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 RE120D1-20210317DL

Quant Time: Mar 23 00:21:28 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)

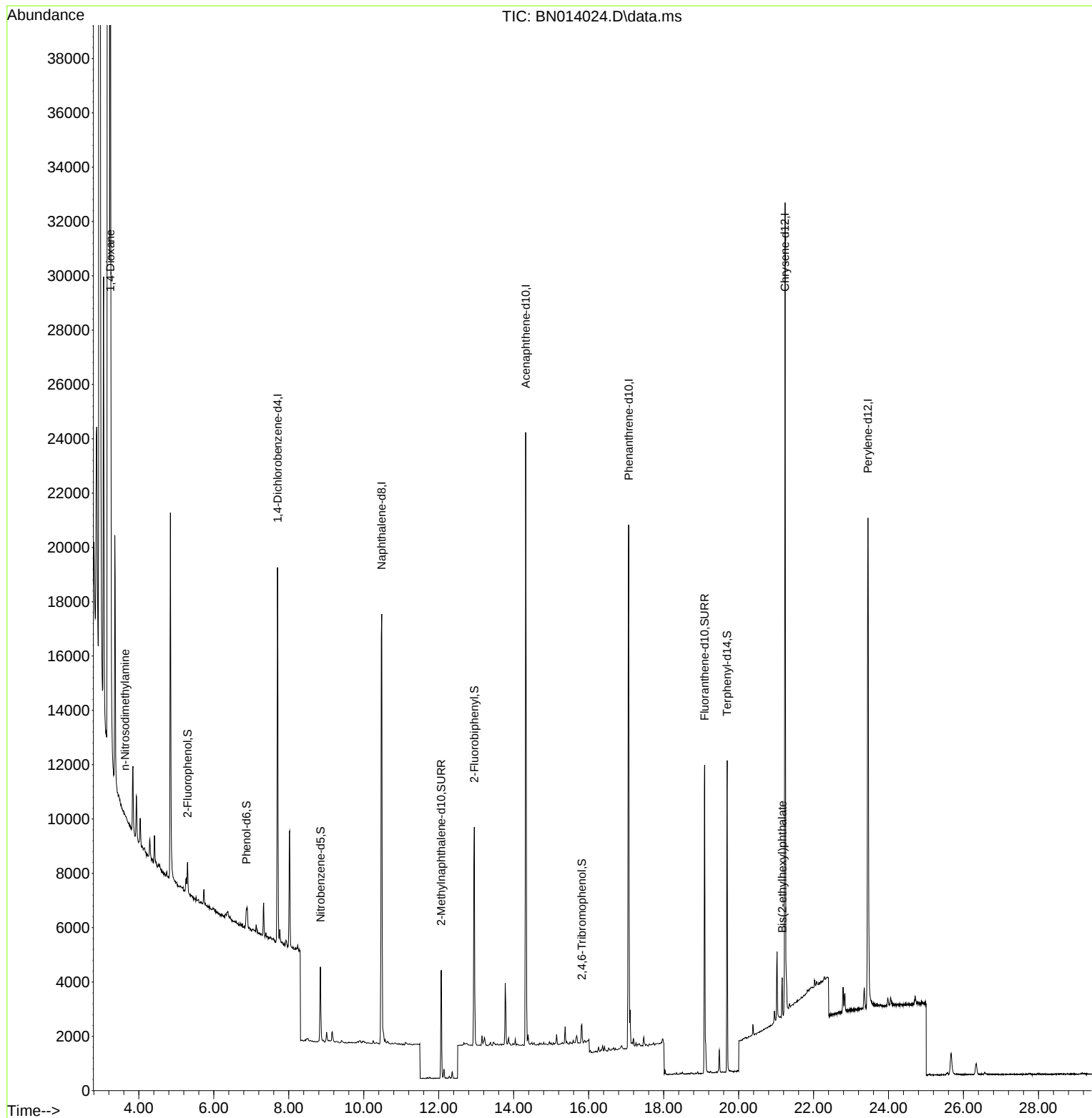
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.700	152	6266	0.40	ng	0.00
7) Naphthalene-d8	10.480	136	23144	0.40	ng	# 0.00
13) Acenaphthene-d10	14.321	164	12692	0.40	ng	-0.01
19) Phenanthrene-d10	17.067	188	28023	0.40	ng	# 0.00
29) Chrysene-d12	21.239	240	27368	0.40	ng	#-0.01
36) Perylene-d12	23.451	264	25213	0.40	ng	# 0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.300	112	885	0.06	ng	0.00
5) Phenol-d6	6.871	99	614	0.03	ng	0.00
8) Nitrobenzene-d5	8.845	82	2179	0.14	ng	0.00
11) 2-Methylnaphthalene-d10	12.066	152	5387	0.15	ng	0.00
14) 2,4,6-Tribromophenol	15.818	330	560	0.14	ng	0.00
15) 2-Fluorobiphenyl	12.951	172	7566	0.16	ng	0.00
27) Fluoranthene-d10	19.094	212	13031	0.17	ng	0.00
31) Terphenyl-d14	19.695	244	11416	0.19	ng	0.00
Target Compounds						
2) 1,4-Dioxane	3.239	88	25194	3.05	ng	Qvalue 98
3) n-Nitrosodimethylamine	3.633	42	122	0.02	ng	# 1
34) Bis(2-ethylhexyl)phtha...	21.165	149	1401	0.05	ng	99

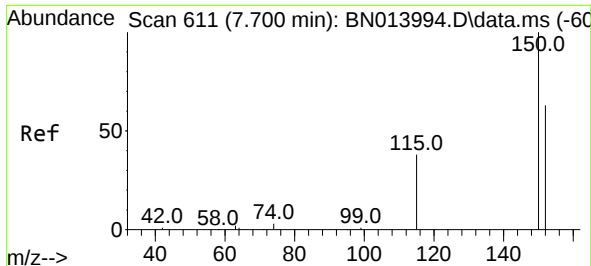
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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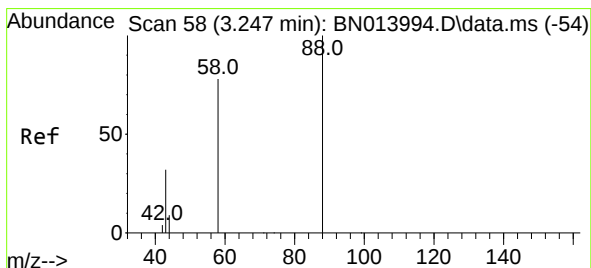
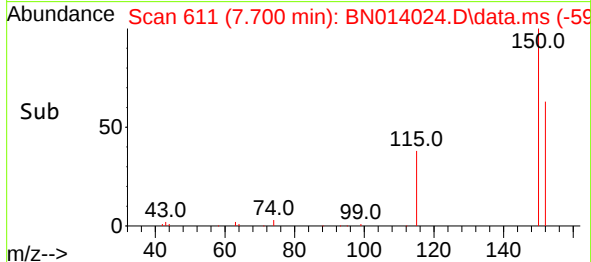
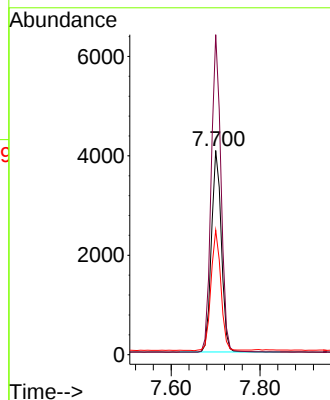
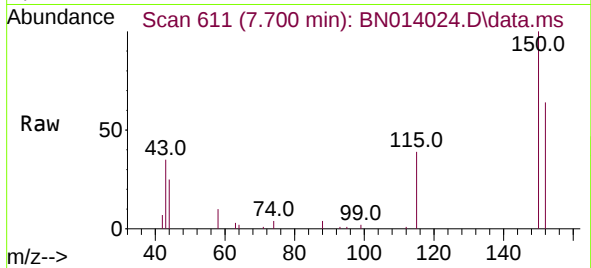




#1
 1,4-Dichlorobenzene-d4
 Concen: 0.40 ng
 RT: 7.700 min Scan# 611
 Delta R.T. 0.000 min
 Lab File: BN014024.D
 Acq: 22 Mar 2021 21:54

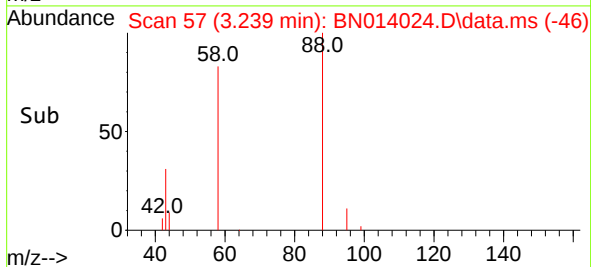
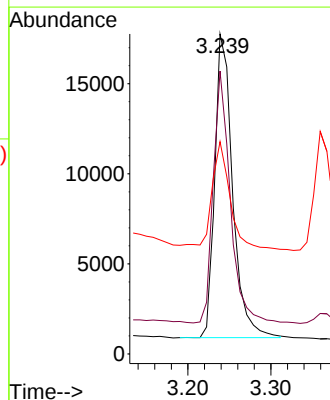
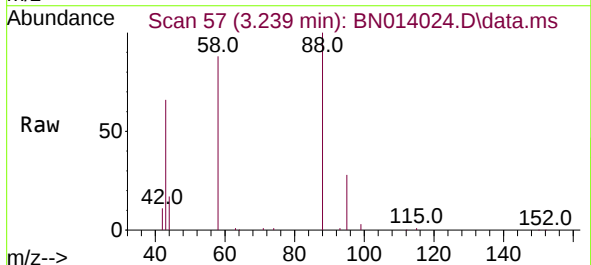
Instrument :
 BNA_N
 ClientSampleId :
 RE120D1-20210317DL

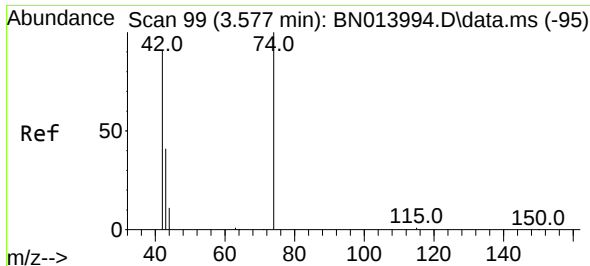
Tgt Ion:152 Resp: 6266
 Ion Ratio Lower Upper
 152 100
 150 156.8 121.8 182.8
 115 61.0 46.6 69.8



#2
 1,4-Dioxane
 Concen: 3.05 ng
 RT: 3.239 min Scan# 57
 Delta R.T. -0.008 min
 Lab File: BN014024.D
 Acq: 22 Mar 2021 21:54

Tgt Ion: 88 Resp: 25194
 Ion Ratio Lower Upper
 88 100
 58 79.0 64.6 96.8
 43 35.2 26.6 40.0

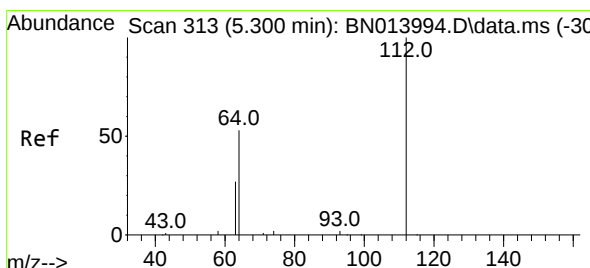
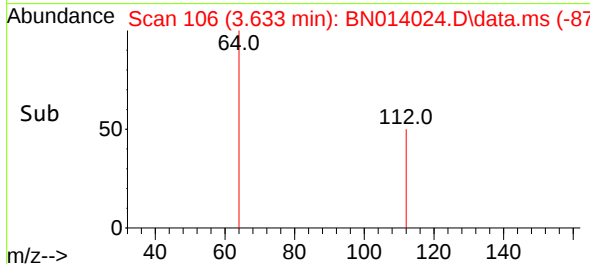
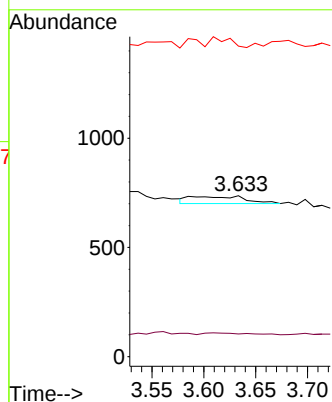
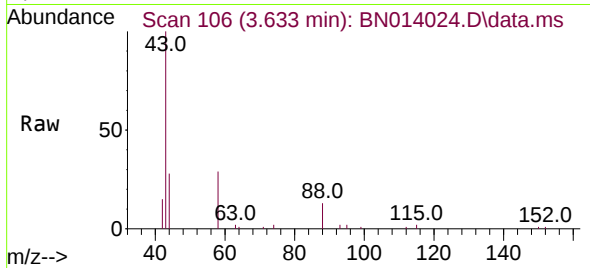




#3
n-Nitrosodimethylamine
Concen: 0.02 ng
RT: 3.633 min Scan# 106
Delta R.T. 0.056 min
Lab File: BN014024.D
Acq: 22 Mar 2021 21:54

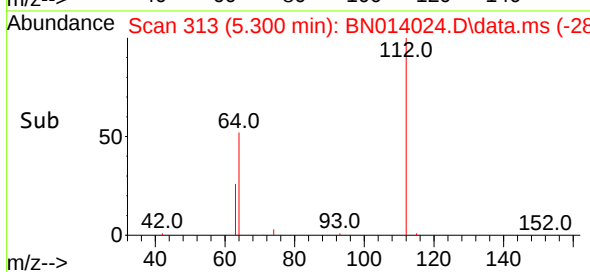
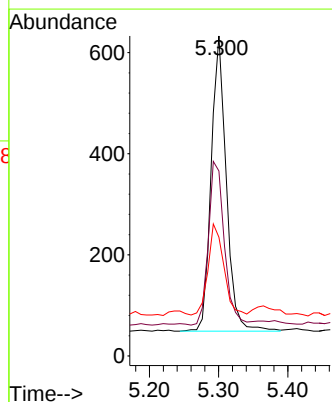
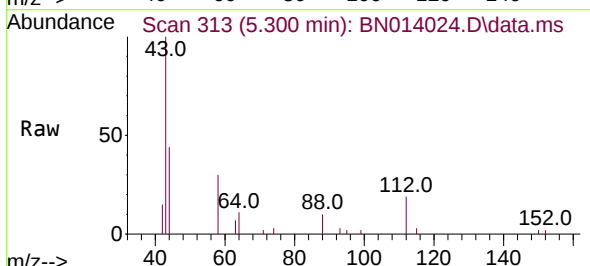
Instrument :
BNA_N
ClientSampleId :
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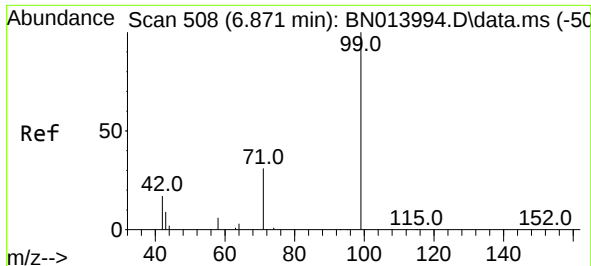
Tgt Ion: 42 Resp: 122
Ion Ratio Lower Upper
42 100
74 0.0 95.0 142.6#
44 0.0 5.8 8.8#



#4
2-Fluorophenol
Concen: 0.06 ng
RT: 5.300 min Scan# 313
Delta R.T. -0.000 min
Lab File: BN014024.D
Acq: 22 Mar 2021 21:54

Tgt Ion: 112 Resp: 885
Ion Ratio Lower Upper
112 100
64 58.8 44.3 66.5
63 32.4 23.0 34.6

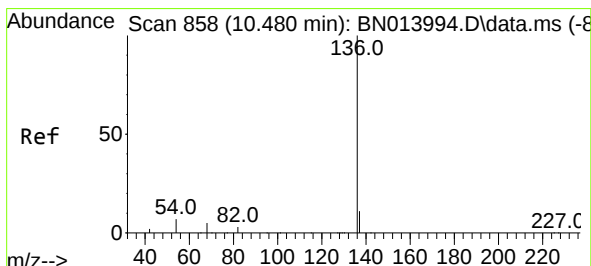
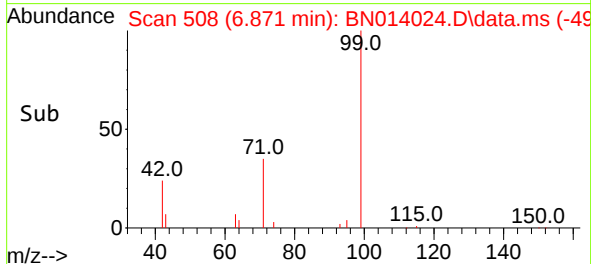
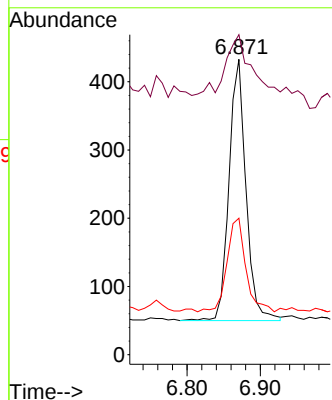
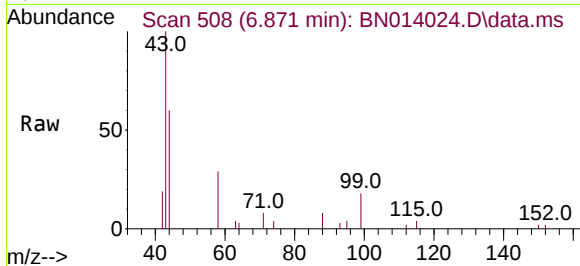




#5
Phenol-d6
Concen: 0.03 ng
RT: 6.871 min Scan# 508
Delta R.T. -0.000 min
Lab File: BN014024.D
Acq: 22 Mar 2021 21:54

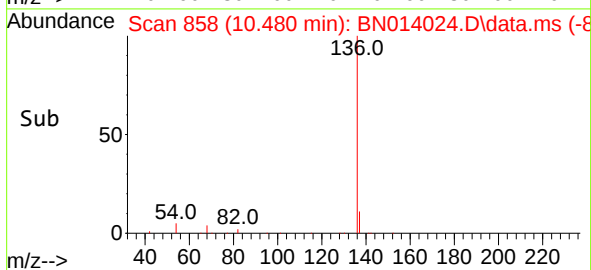
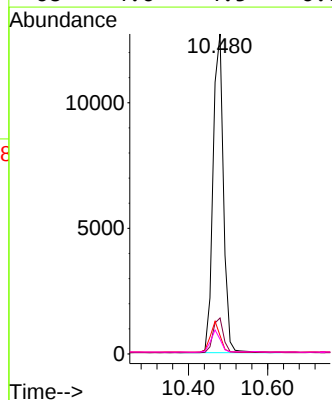
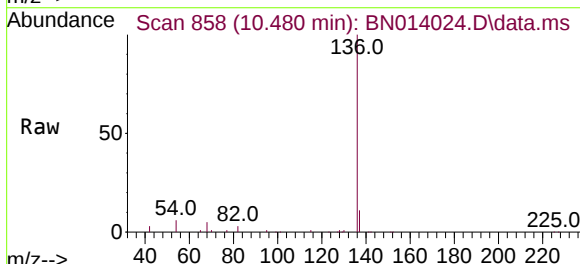
Instrument :
BNA_N
ClientSampleId :
RE120D1-20210317DL

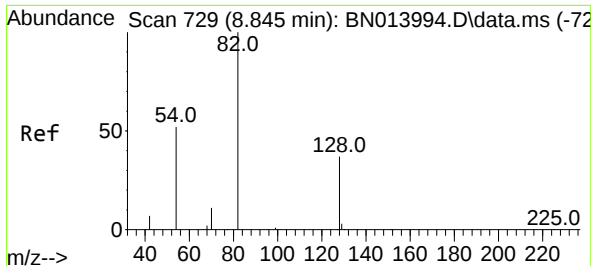
Tgt Ion: 99 Resp: 614
Ion Ratio Lower Upper
99 100
42 64.8 15.2 22.8#
71 39.7 26.1 39.1#



#7
Naphthalene-d8
Concen: 0.40 ng
RT: 10.480 min Scan# 858
Delta R.T. -0.000 min
Lab File: BN014024.D
Acq: 22 Mar 2021 21:54

Tgt Ion: 136 Resp: 23144
Ion Ratio Lower Upper
136 100
137 11.2 9.0 13.6
54 5.8 6.4 9.6#
68 4.6 4.5 6.7

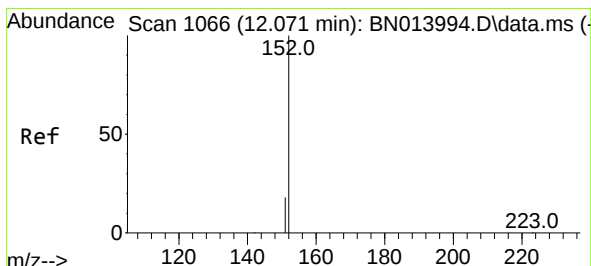
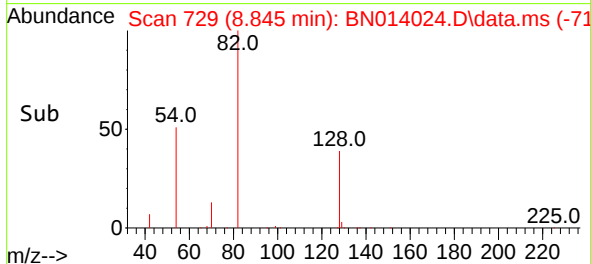
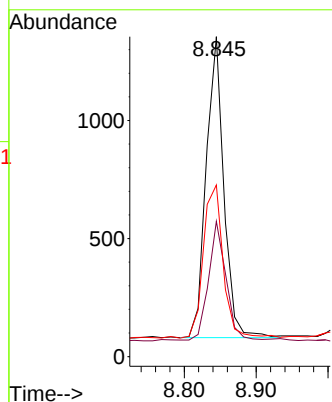
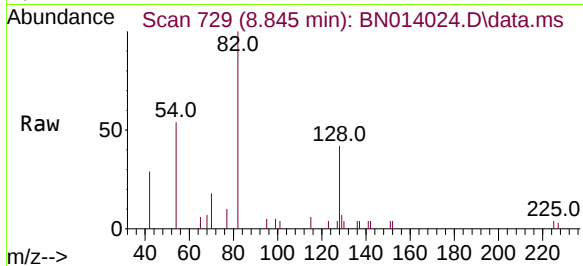




#8
Nitrobenzene-d5
Concen: 0.14 ng
RT: 8.845 min Scan# 729
Delta R.T. -0.000 min
Lab File: BN014024.D
Acq: 22 Mar 2021 21:54

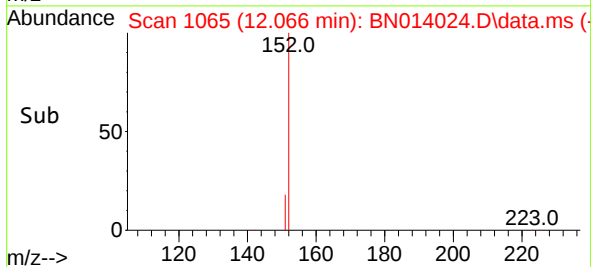
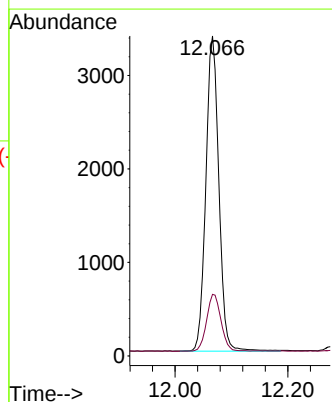
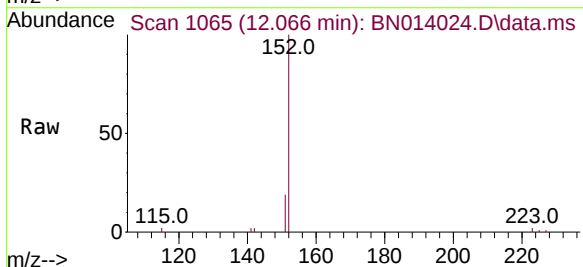
Instrument :
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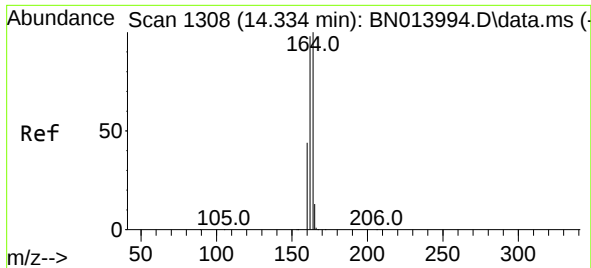
Tgt Ion: 82 Resp: 2179
Ion Ratio Lower Upper
82 100
128 42.3 39.2 58.8
54 53.7 40.1 60.1



#11
2-Methylnaphthalene-d10
Concen: 0.15 ng
RT: 12.066 min Scan# 1065
Delta R.T. -0.005 min
Lab File: BN014024.D
Acq: 22 Mar 2021 21:54

Tgt Ion: 152 Resp: 5387
Ion Ratio Lower Upper
152 100
151 19.9 16.2 24.2

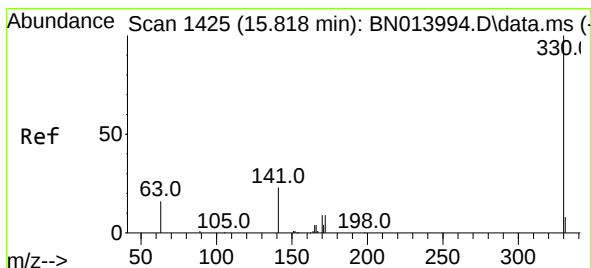
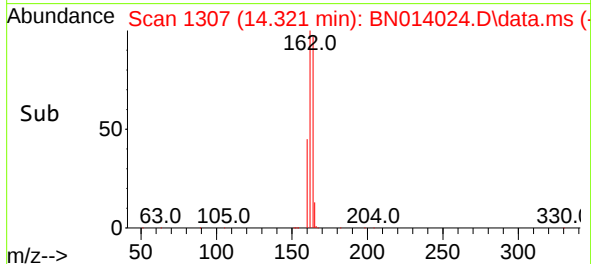
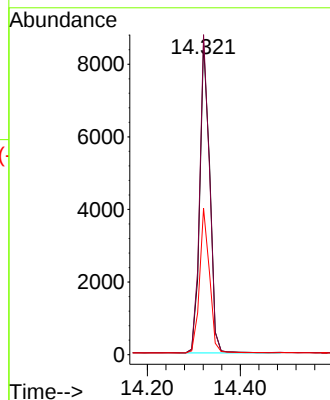
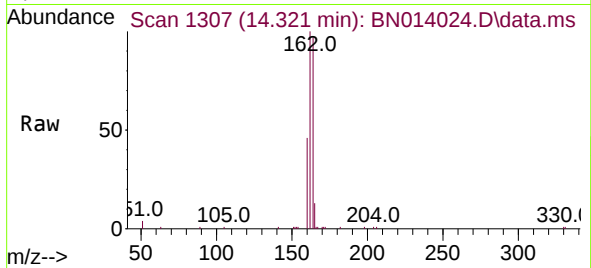




#13
Acenaphthene-d10
Concen: 0.40 ng
RT: 14.321 min Scan# 1307
Delta R.T. -0.013 min
Lab File: BN014024.D
Acq: 22 Mar 2021 21:54

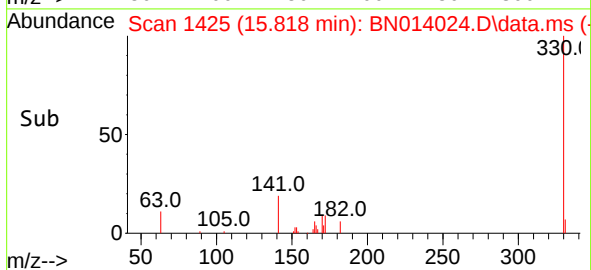
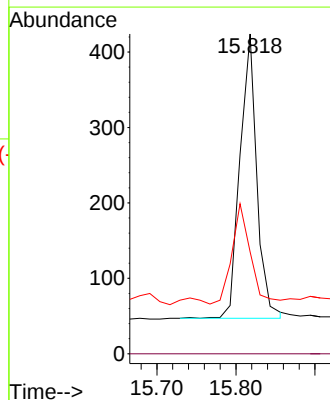
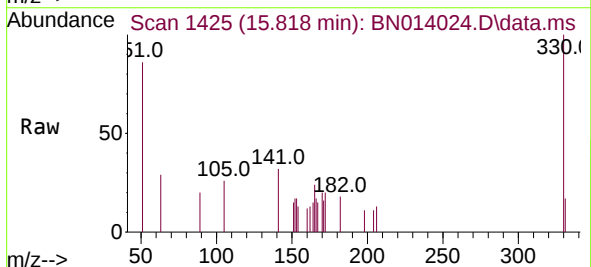
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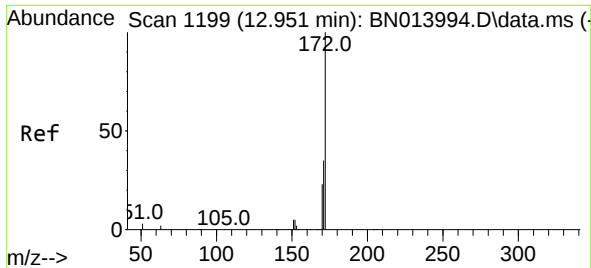
Tgt Ion:164 Resp: 12692
Ion Ratio Lower Upper
164 100
162 102.7 79.6 119.4
160 47.0 36.0 54.0



#14
2,4,6-Tribromophenol
Concen: 0.14 ng
RT: 15.818 min Scan# 1425
Delta R.T. -0.000 min
Lab File: BN014024.D
Acq: 22 Mar 2021 21:54

Tgt Ion:330 Resp: 560
Ion Ratio Lower Upper
330 100
332 0.0 0.0 0.0
141 38.6 26.8 40.2

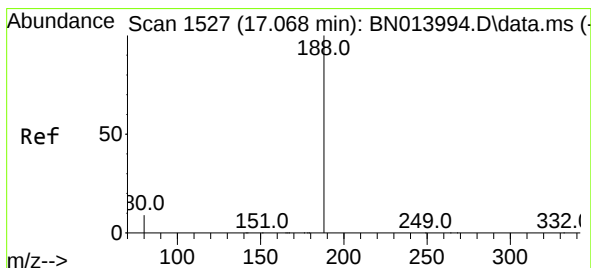
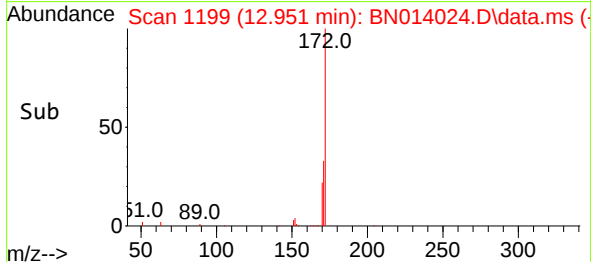
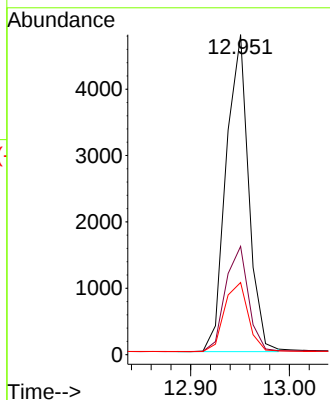
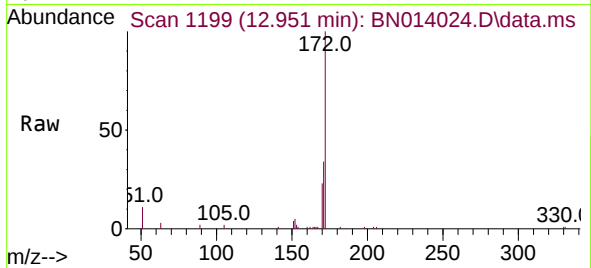




#15
2-Fluorobiphenyl
Concen: 0.16 ng
RT: 12.951 min Scan# 1199
Delta R.T. -0.000 min
Lab File: BN014024.D
Acq: 22 Mar 2021 21:54

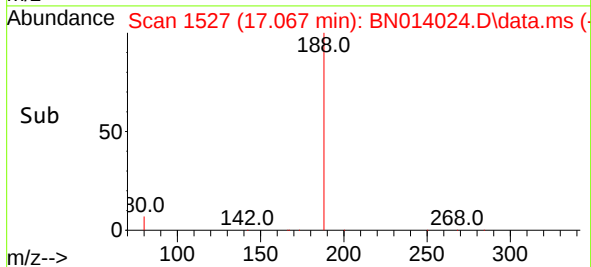
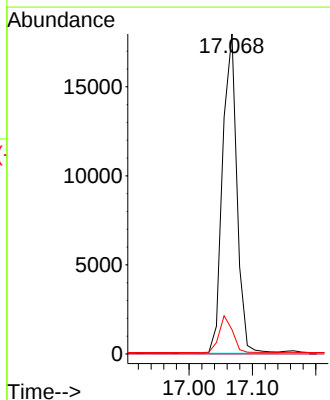
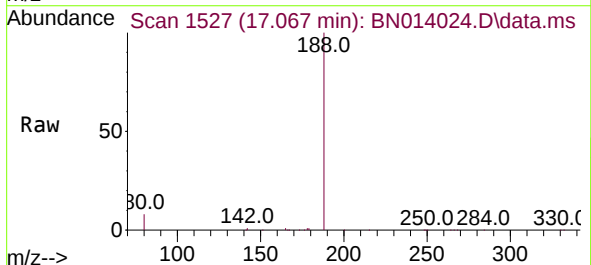
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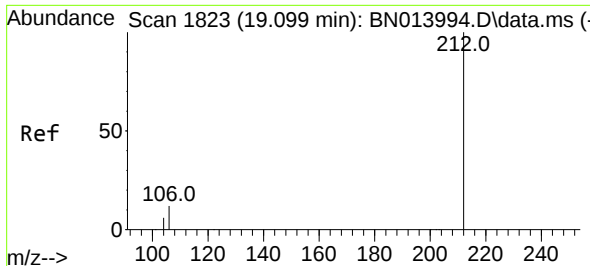
Tgt Ion:	172	Resp:	7566
Ion Ratio	Lower	Upper	
172	100		
171	33.9	28.6	42.8
170	22.5	18.9	28.3



#19
Phenanthrene-d10
Concen: 0.40 ng
RT: 17.067 min Scan# 1527
Delta R.T. -0.000 min
Lab File: BN014024.D
Acq: 22 Mar 2021 21:54

Tgt Ion:	188	Resp:	28023
Ion Ratio	Lower	Upper	
188	100		
94	0.0	0.0	0.0
80	7.6	9.0	13.6

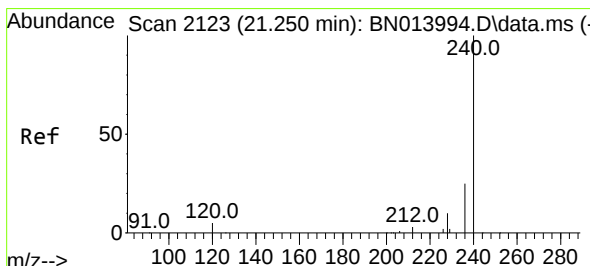
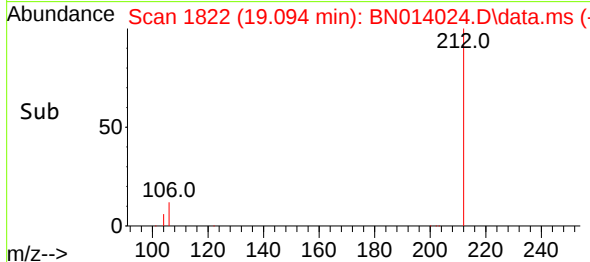
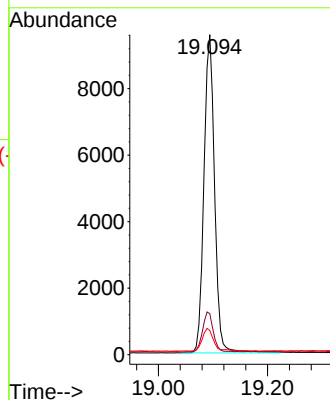
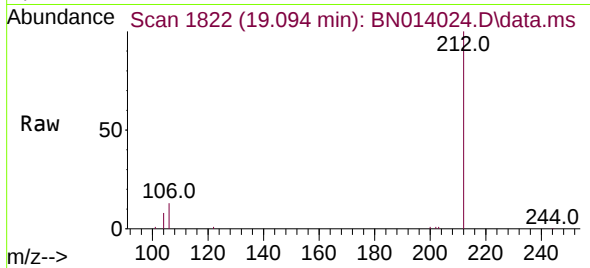




#27
Fluoranthene-d10
Concen: 0.17 ng
RT: 19.094 min Scan# 1822
Delta R.T. -0.005 min
Lab File: BN014024.D
Acq: 22 Mar 2021 21:54

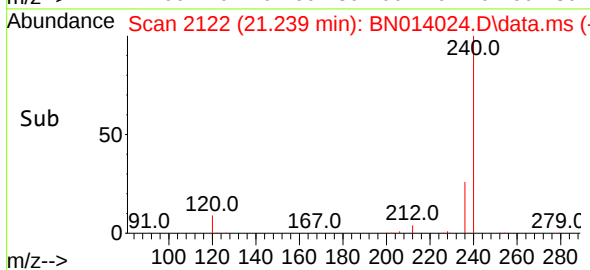
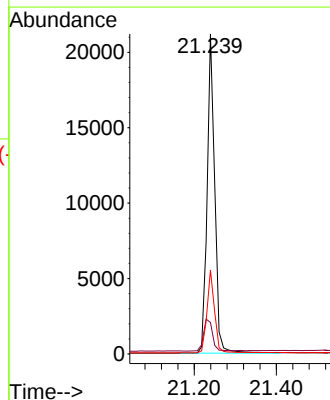
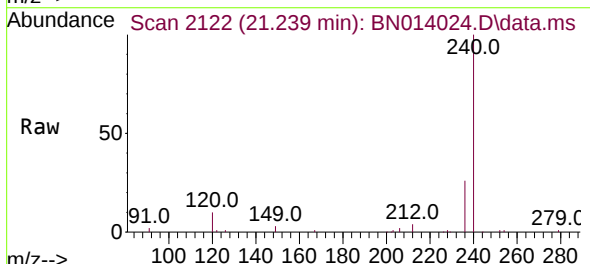
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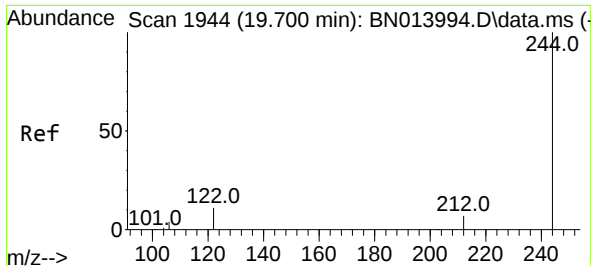
Tgt Ion:212 Resp: 13031
Ion Ratio Lower Upper
212 100
106 12.6 9.7 14.5
104 7.4 5.5 8.3



#29
Chrysene-d12
Concen: 0.40 ng
RT: 21.239 min Scan# 2122
Delta R.T. -0.011 min
Lab File: BN014024.D
Acq: 22 Mar 2021 21:54

Tgt Ion:240 Resp: 27368
Ion Ratio Lower Upper
240 100
120 9.8 10.2 15.4#
236 26.2 21.3 31.9

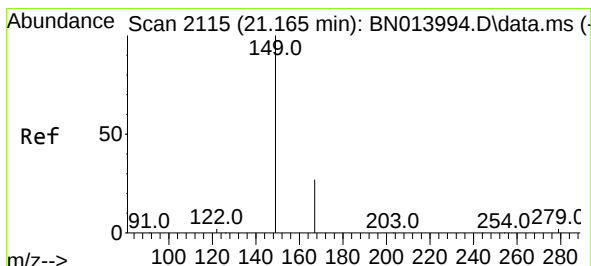
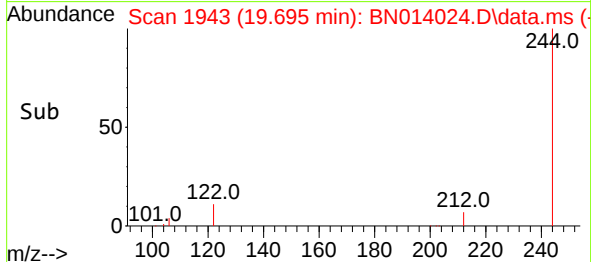
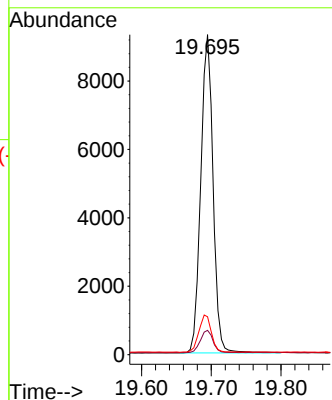
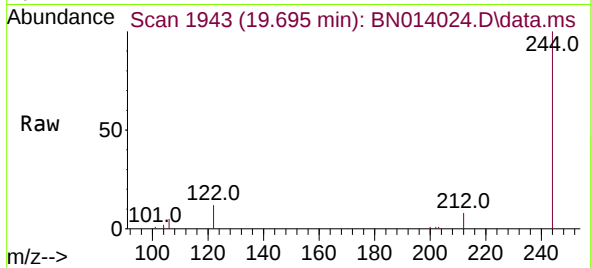




#31
Terphenyl-d14
Concen: 0.19 ng
RT: 19.695 min Scan# 1943
Delta R.T. -0.005 min
Lab File: BN014024.D
Acq: 22 Mar 2021 21:54

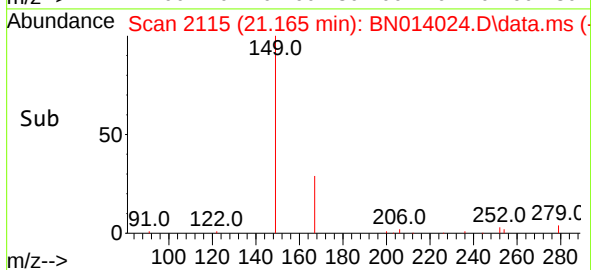
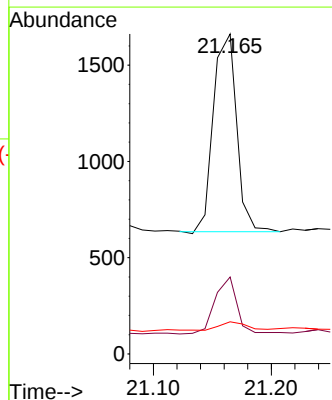
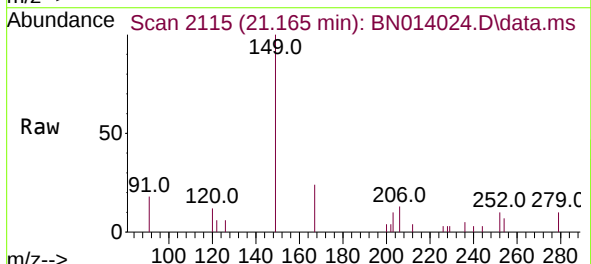
Instrument :
BNA_N
ClientSampleId :
RE120D1-20210317DL

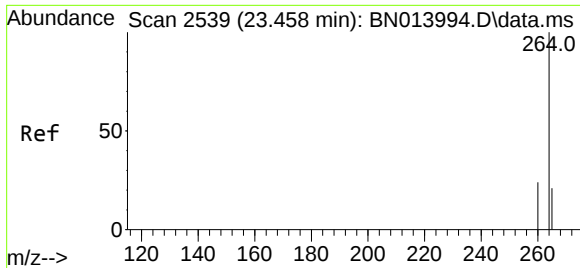
Tgt Ion:244	Resp:	11416
Ion Ratio	Lower	Upper
244	100	
212	7.6	6.1 9.1
122	11.9	9.8 14.8



#34
Bis(2-ethylhexyl)phthalate
Concen: 0.05 ng
RT: 21.165 min Scan# 2115
Delta R.T. -0.000 min
Lab File: BN014024.D
Acq: 22 Mar 2021 21:54

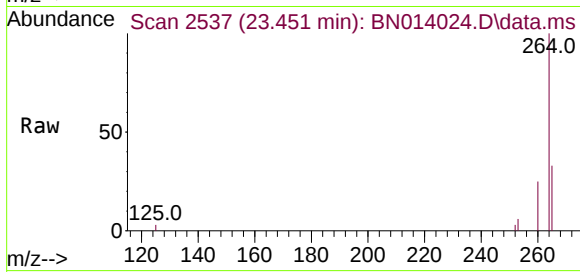
Tgt Ion:149	Resp:	1401
Ion Ratio	Lower	Upper
149	100	
167	27.2	22.1 33.1
279	5.1	3.5 5.3





#36
 Perylene-d12
 Concen: 0.40 ng
 RT: 23.451 min Scan# 2537
 Delta R.T. -0.007 min
 Lab File: BN014024.D
 Acq: 22 Mar 2021 21:54

Instrument :
 BNA_N
 ClientSampleId :
 RE120D1-20210317DL



Tgt Ion:264 Resp: 25213

Ion	Ratio	Lower	Upper
264	100		
260	24.7	19.3	28.9
265	33.4	66.2	99.4#

