

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN081622\
 Data File : BN021271.D
 Acq On : 17 Aug 2022 02:30
 Operator : CG/JU
 Sample : N4171-01
 Misc :
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 SP-100-20220810

Quant Time: Aug 17 05:18:02 2022
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\8270-SIM-BN081622.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Aug 16 09:19:59 2022
 Response via : Initial Calibration

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

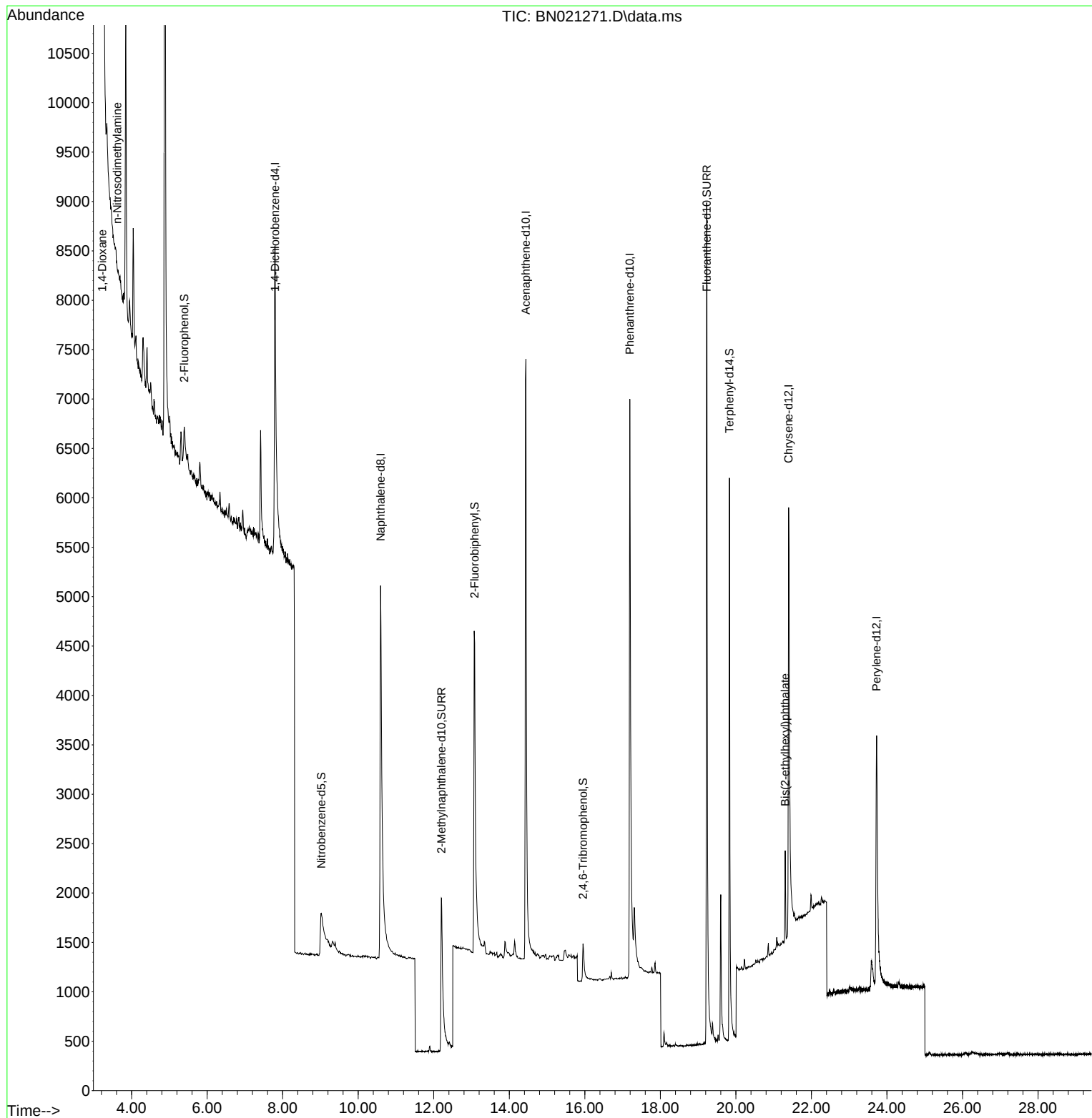
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.798	152	3286	0.400	ng	0.01
7) Naphthalene-d8	10.592	136	10269	0.400	ng	# 0.01
13) Acenaphthene-d10	14.440	164	5373	0.400	ng	0.01
19) Phenanthrene-d10	17.193	188	12063	0.400	ng	0.01
29) Chrysene-d12	21.395	240	7240	0.400	ng	0.00
35) Perylene-d12	23.726	264	5228	0.400	ng	0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.393	112	746	0.091	ng	0.01
5) Phenol-d6	7.097	99	134	0.014	ng	0.12
8) Nitrobenzene-d5	9.023	82	1179	0.253	ng	0.06
11) 2-Methylnaphthalene-d10	12.202	152	4773	0.267	ng	0.02
14) 2,4,6-Tribromophenol	15.952	330	320	0.182	ng	0.01
15) 2-Fluorobiphenyl	13.082	172	5132	0.240	ng	0.02
27) Fluoranthene-d10	19.227	212	12846	0.392	ng	0.00
31) Terphenyl-d14	19.826	244	8151	0.413	ng	0.00
Target Compounds						
2) 1,4-Dioxane	3.219	88	17559	3.830	ng	Qvalue 92
3) n-Nitrosodimethylamine	3.616	42	34	0.220	ng	# 46
34) Bis(2-ethylhexyl)phtha...	21.306	149	863	0.054	ng	99

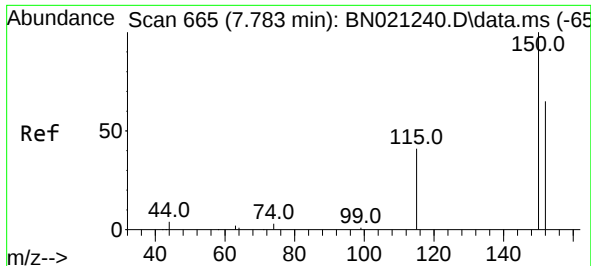
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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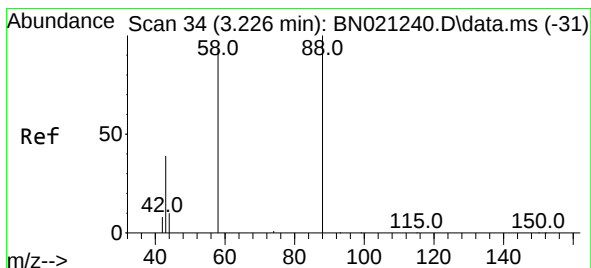
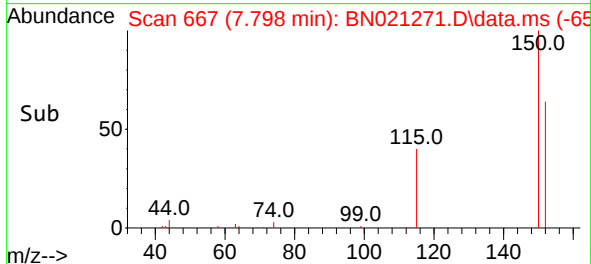
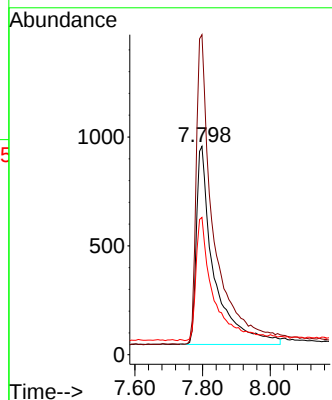
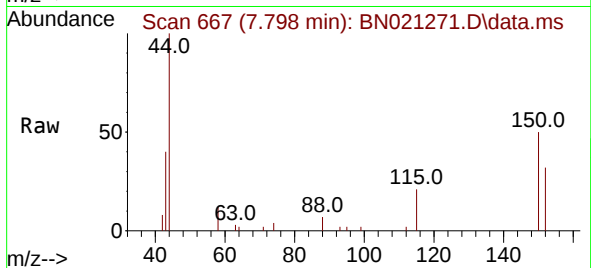




#1
 1,4-Dichlorobenzene-d4
 Concen: 0.400 ng
 RT: 7.798 min Scan# 6
 Delta R.T. 0.015 min
 Lab File: BN021271.D
 Acq: 17 Aug 2022 02:30

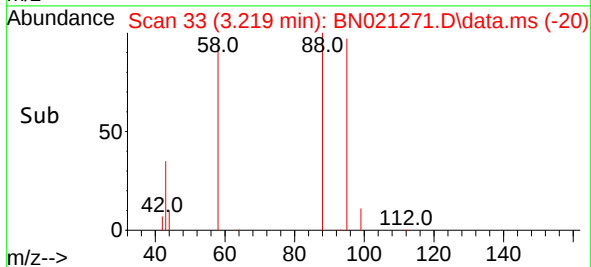
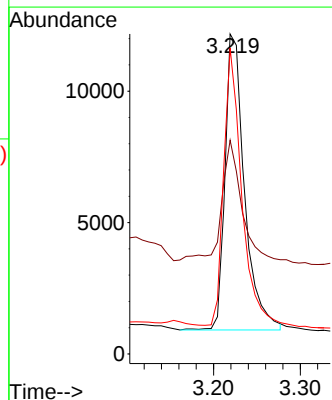
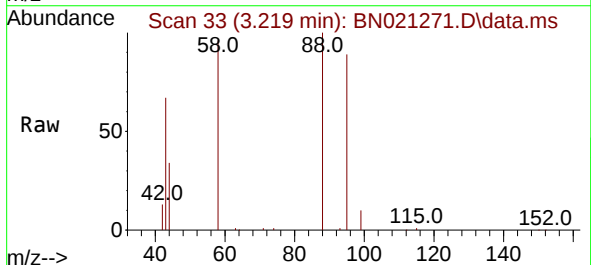
Instrument :
 BNA_N
 ClientSampleId :
 SP-100-20220810

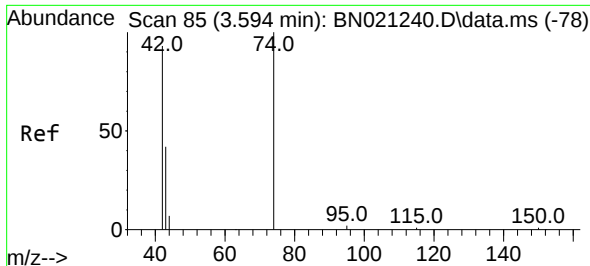
Tgt Ion:152 Resp: 3286
 Ion Ratio Lower Upper
 152 100
 150 153.6 123.1 184.7
 115 65.9 52.2 78.4



#2
 1,4-Dioxane
 Concen: 3.830 ng
 RT: 3.219 min Scan# 33
 Delta R.T. -0.007 min
 Lab File: BN021271.D
 Acq: 17 Aug 2022 02:30

Tgt Ion: 88 Resp: 17559
 Ion Ratio Lower Upper
 88 100
 43 39.8 28.6 42.8
 58 85.7 74.5 111.7

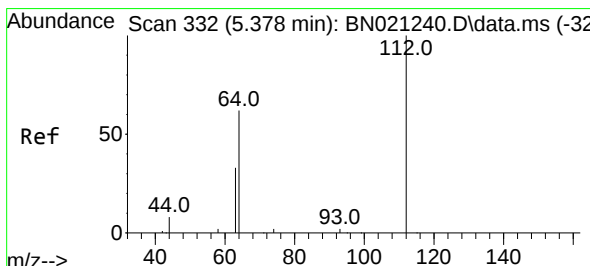
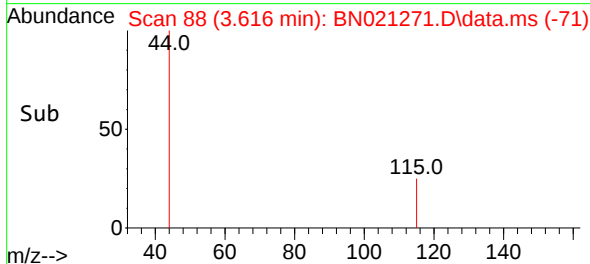
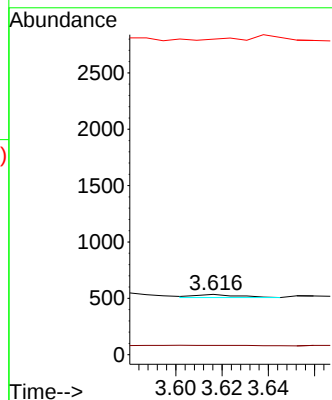
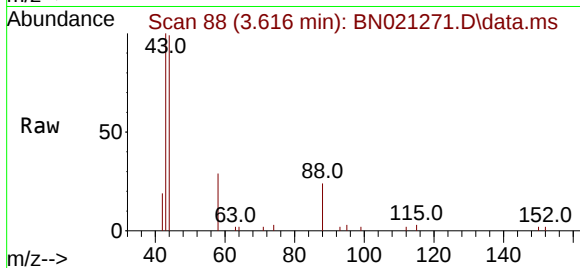




#3
n-Nitrosodimethylamine
Concen: 0.220 ng
RT: 3.616 min Scan# 81
Delta R.T. 0.022 min
Lab File: BN021271.D
Acq: 17 Aug 2022 02:30

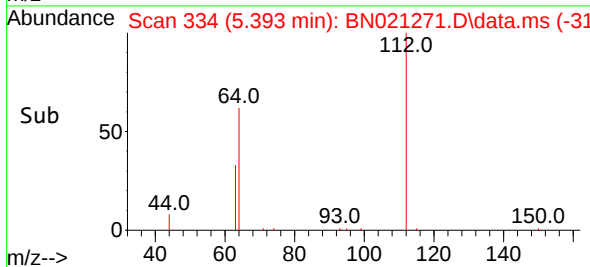
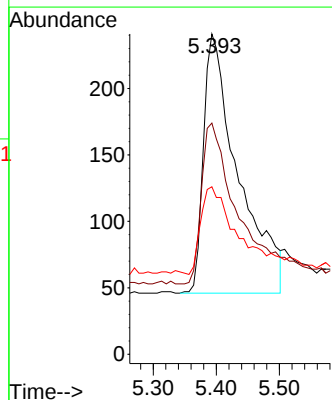
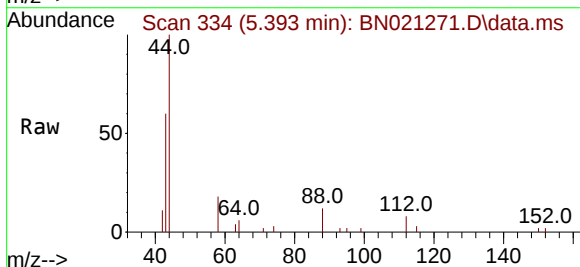
Instrument :
BNA_N
ClientSampleId :
SP-100-20220810

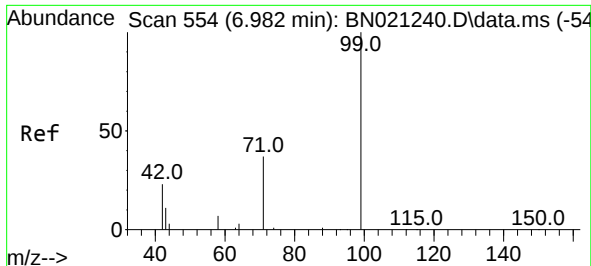
Tgt Ion: 42 Resp: 34
Ion Ratio Lower Upper
42 100
74 47.1 82.4 123.6#
44 0.0 2.7 4.1#



#4
2-Fluorophenol
Concen: 0.091 ng
RT: 5.393 min Scan# 334
Delta R.T. 0.015 min
Lab File: BN021271.D
Acq: 17 Aug 2022 02:30

Tgt Ion: 112 Resp: 746
Ion Ratio Lower Upper
112 100
64 63.8 52.0 78.0
63 37.5 27.5 41.3

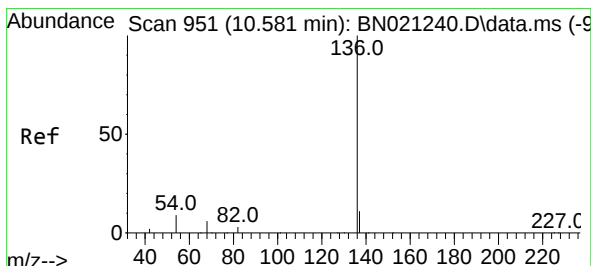
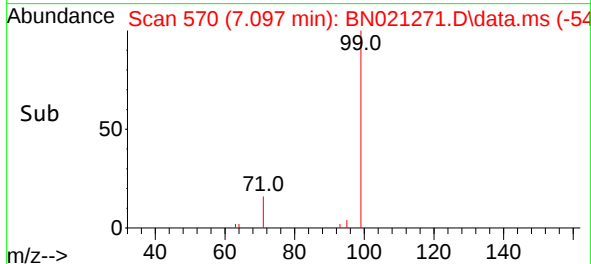
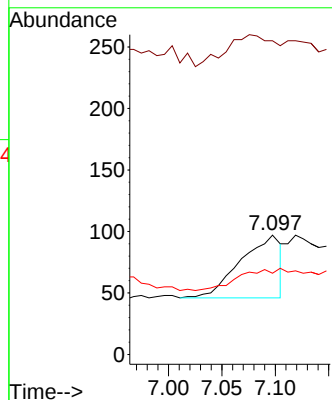
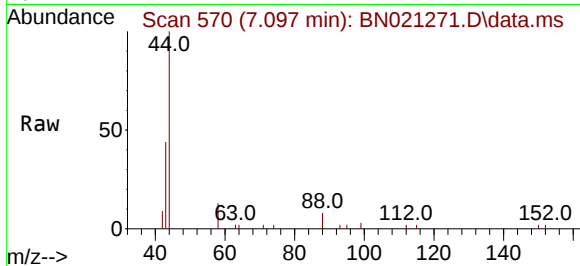




#5
Phenol-d6
Concen: 0.014 ng
RT: 7.097 min Scan# 51
Delta R.T. 0.116 min
Lab File: BN021271.D
Acq: 17 Aug 2022 02:30

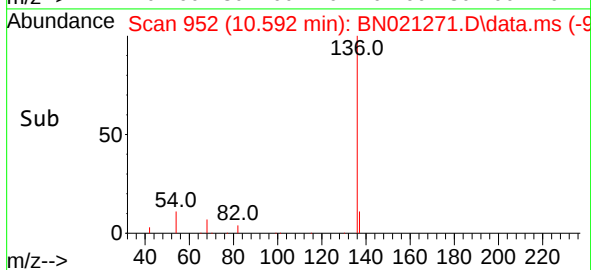
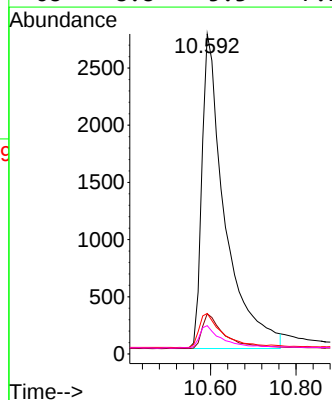
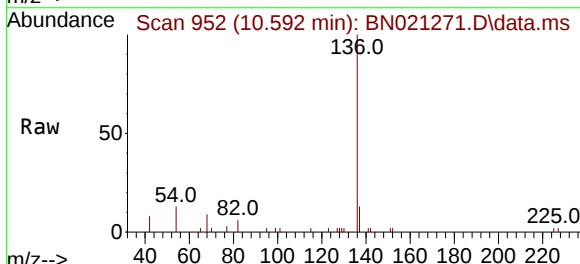
Instrument :
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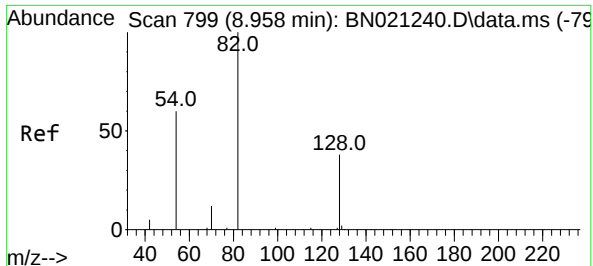
Tgt Ion: 99 Resp: 134
Ion Ratio Lower Upper
99 100
42 0.0 19.1 28.7#
71 41.0 28.9 43.3



#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.592 min Scan# 952
Delta R.T. 0.011 min
Lab File: BN021271.D
Acq: 17 Aug 2022 02:30

Tgt Ion: 136 Resp: 10269
Ion Ratio Lower Upper
136 100
137 12.5 9.6 14.4
54 12.7 8.2 12.2#
68 8.8 5.3 7.9#

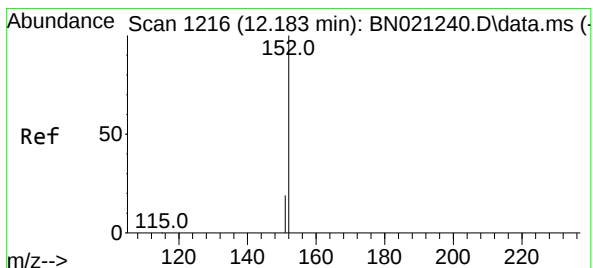
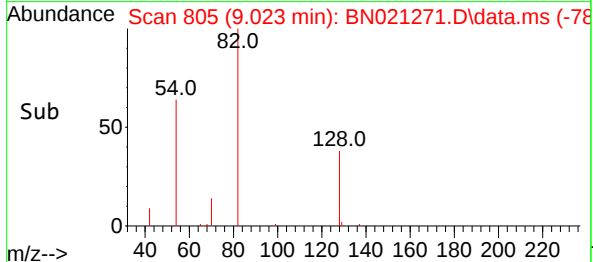
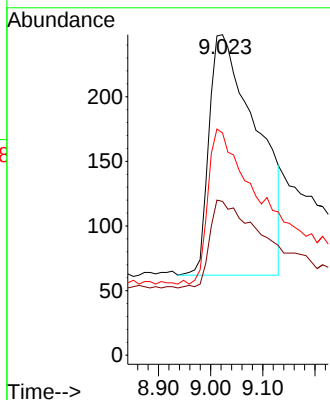
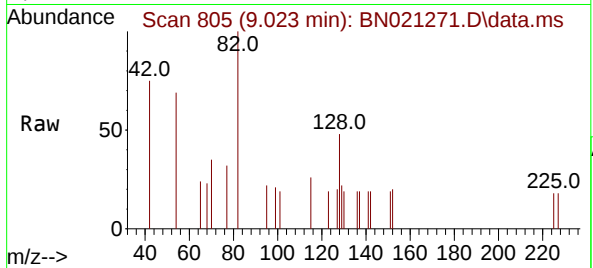




#8
Nitrobenzene-d5
Concen: 0.253 ng
RT: 9.023 min Scan# 805
Delta R.T. 0.065 min
Lab File: BN021271.D
Acq: 17 Aug 2022 02:30

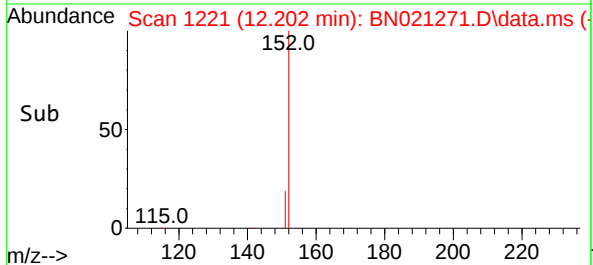
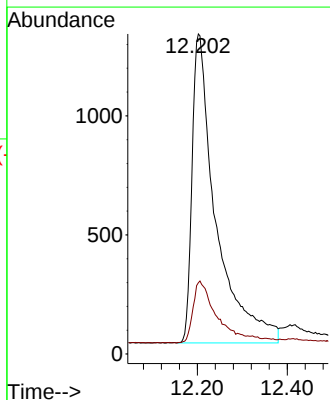
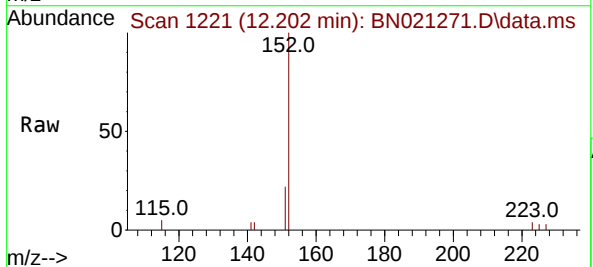
Instrument :
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ClientSampleId :
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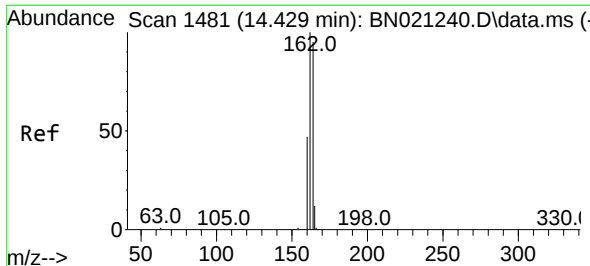
Tgt Ion: 82 Resp: 1179
Ion Ratio Lower Upper
82 100
128 48.0 33.6 50.4
54 69.4 50.2 75.2



#11
2-Methylnaphthalene-d10
Concen: 0.267 ng
RT: 12.202 min Scan# 1221
Delta R.T. 0.019 min
Lab File: BN021271.D
Acq: 17 Aug 2022 02:30

Tgt Ion:152 Resp: 4773
Ion Ratio Lower Upper
152 100
151 20.3 15.8 23.8

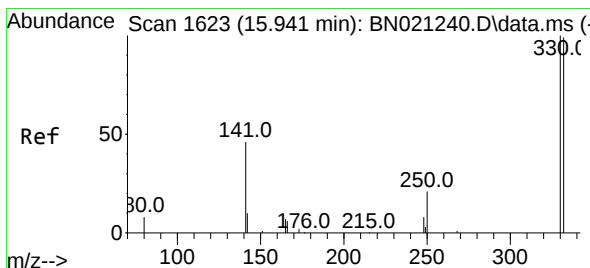
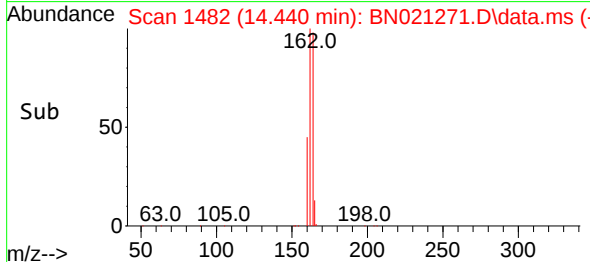
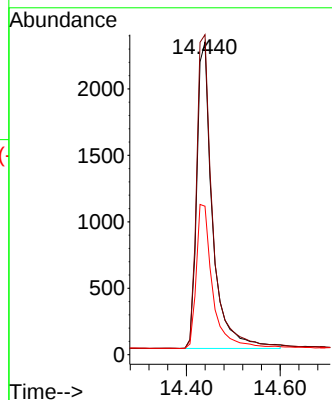
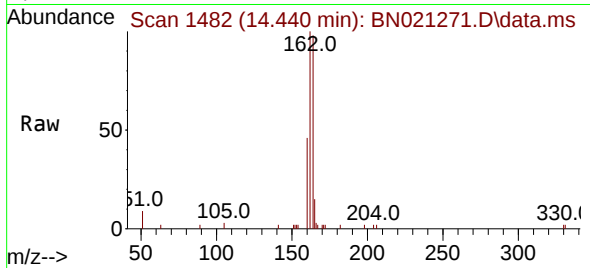




#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.440 min Scan# 1481
Delta R.T. 0.011 min
Lab File: BN021271.D
Acq: 17 Aug 2022 02:30

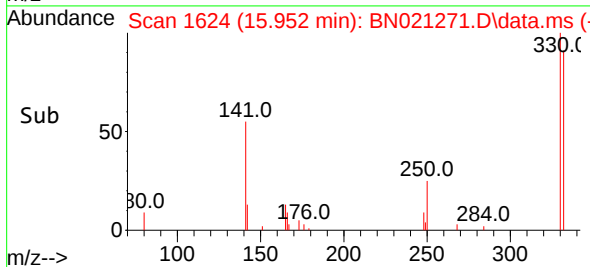
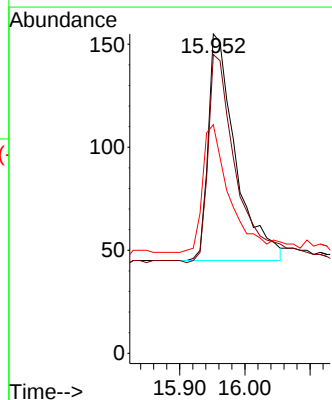
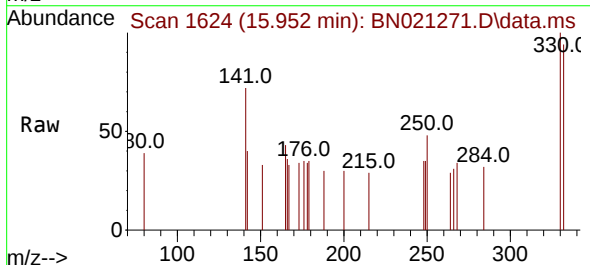
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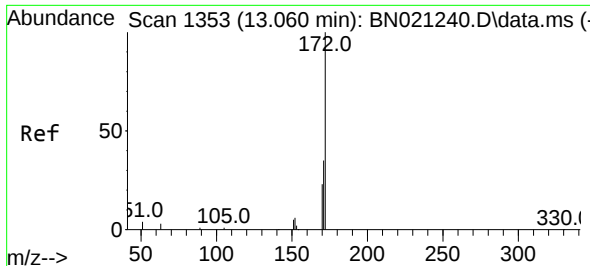
Tgt Ion:	164	Resp:	5373
Ion	Ratio	Lower	Upper
164	100		
162	102.4	83.8	125.6
160	47.5	39.8	59.6



#14
2,4,6-Tribromophenol
Concen: 0.182 ng
RT: 15.952 min Scan# 1624
Delta R.T. 0.010 min
Lab File: BN021271.D
Acq: 17 Aug 2022 02:30

Tgt Ion:	330	Resp:	320
Ion	Ratio	Lower	Upper
330	100		
332	95.0	78.1	117.1
141	57.5	45.4	68.0

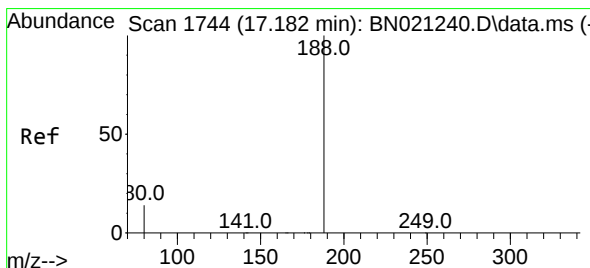
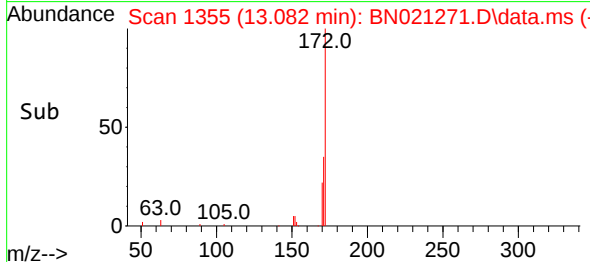
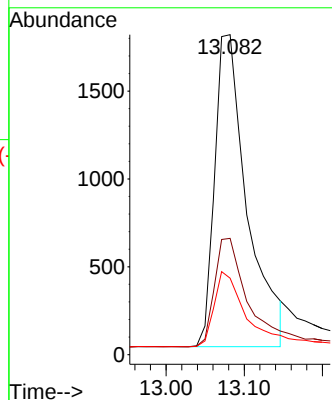
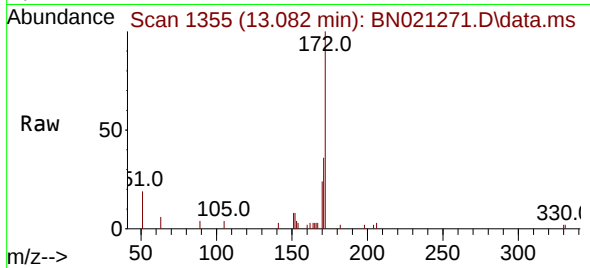




#15
2-Fluorobiphenyl
Concen: 0.240 ng
RT: 13.082 min Scan# 11
Delta R.T. 0.022 min
Lab File: BN021271.D
Acq: 17 Aug 2022 02:30

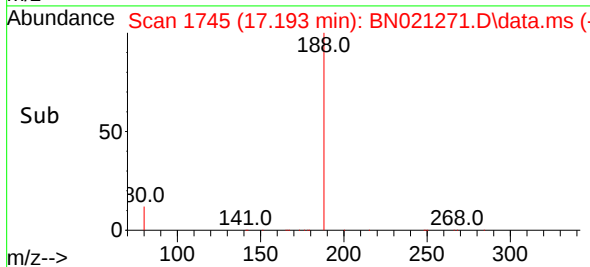
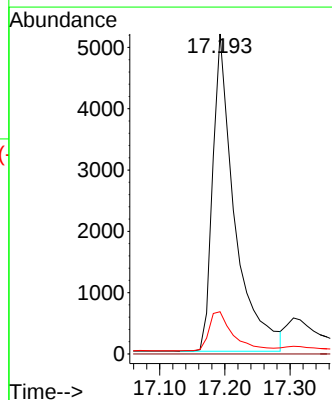
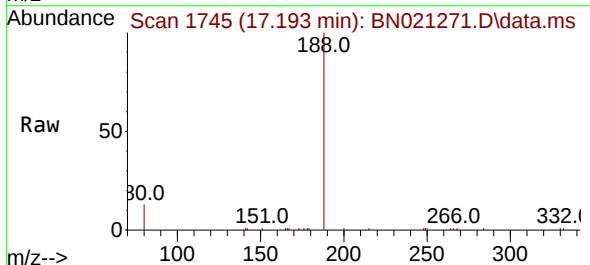
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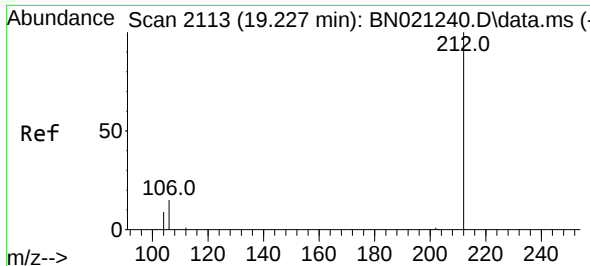
Tgt Ion:	172	Resp:	5132
Ion Ratio	Lower	Upper	
172	100		
171	36.4	28.4	42.6
170	23.9	19.0	28.6



#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.193 min Scan# 1745
Delta R.T. 0.011 min
Lab File: BN021271.D
Acq: 17 Aug 2022 02:30

Tgt Ion:	188	Resp:	12063
Ion Ratio	Lower	Upper	
188	100		
94	0.0	0.0	0.0
80	13.2	11.8	17.6

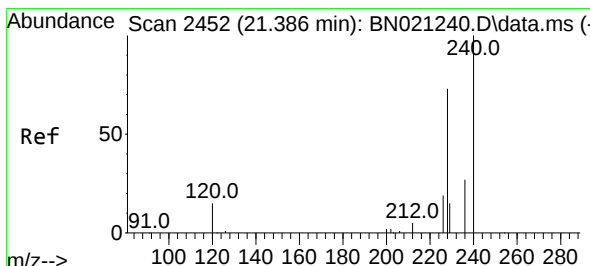
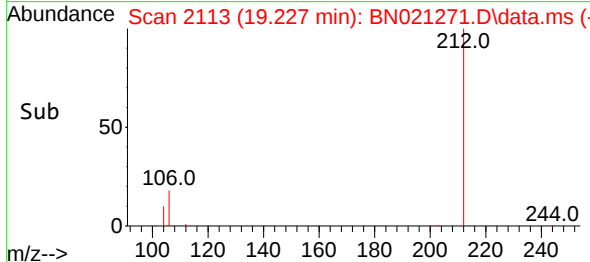
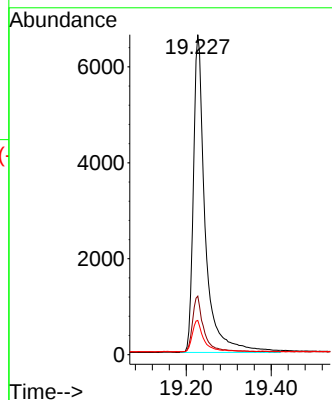
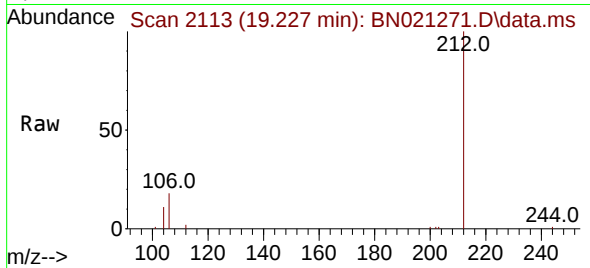




#27
Fluoranthene-d10
Concen: 0.392 ng
RT: 19.227 min Scan# 2113
Delta R.T. 0.000 min
Lab File: BN021271.D
Acq: 17 Aug 2022 02:30

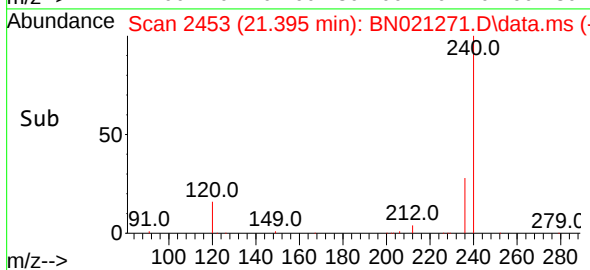
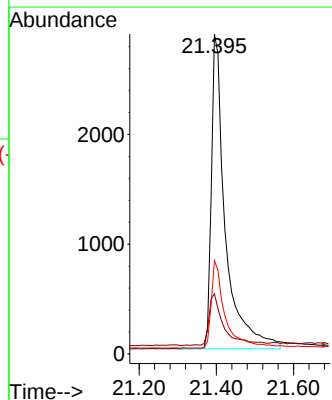
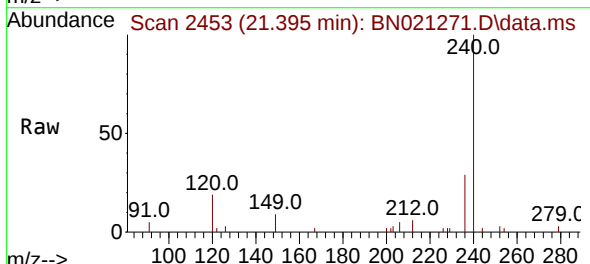
Instrument :
BNA_N
ClientSampleId :
SP-100-20220810

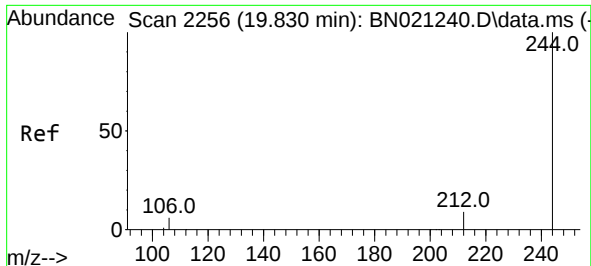
Tgt Ion:212 Resp: 12846
Ion Ratio Lower Upper
212 100
106 16.9 12.6 18.8
104 9.1 7.2 10.8



#29
Chrysene-d12
Concen: 0.400 ng
RT: 21.395 min Scan# 2453
Delta R.T. 0.009 min
Lab File: BN021271.D
Acq: 17 Aug 2022 02:30

Tgt Ion:240 Resp: 7240
Ion Ratio Lower Upper
240 100
120 18.8 13.4 20.2
236 29.1 22.6 33.8

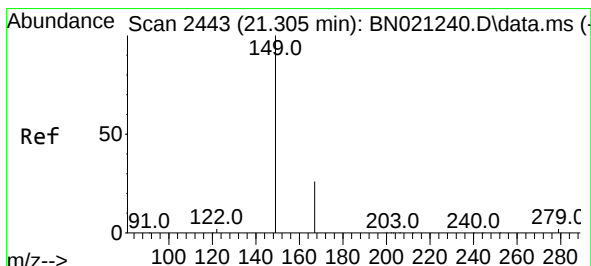
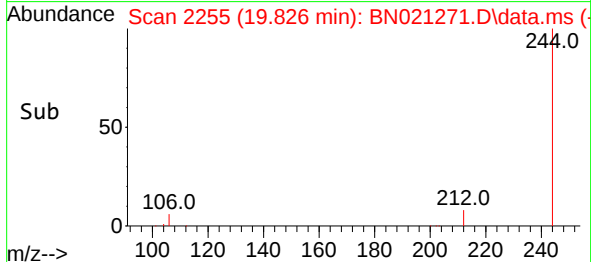
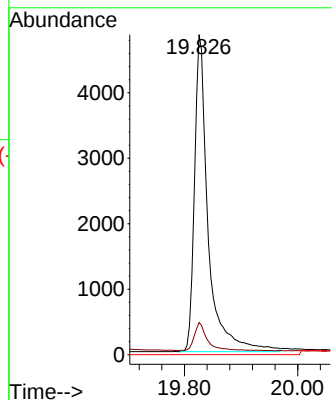
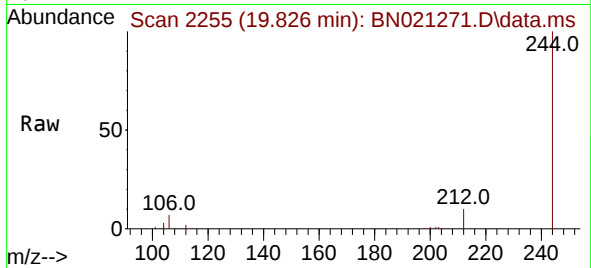




#31
 Terphenyl-d14
 Concen: 0.413 ng
 RT: 19.826 min Scan# 21
 Delta R.T. -0.004 min
 Lab File: BN021271.D
 Acq: 17 Aug 2022 02:30

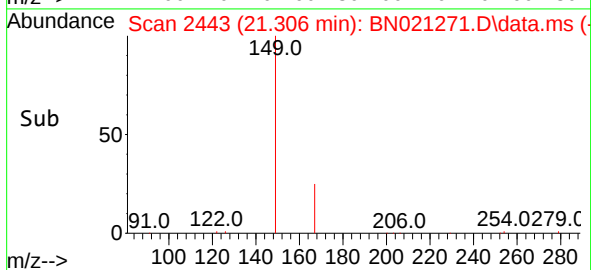
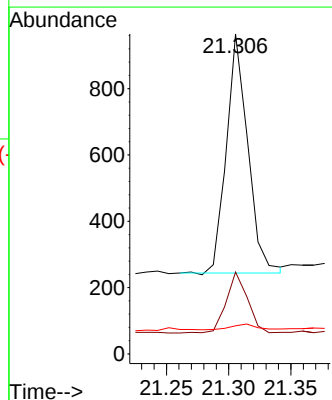
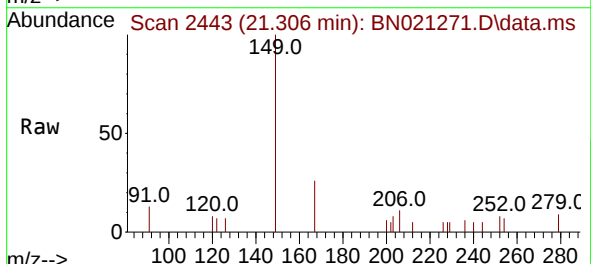
Instrument :
 BNA_N
 ClientSampleId :
 SP-100-20220810

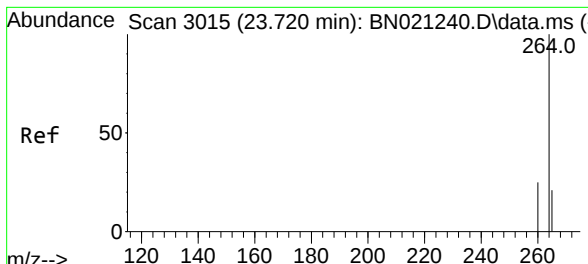
Tgt Ion:244 Resp: 8151
 Ion Ratio Lower Upper
 244 100
 212 10.0 8.3 12.5
 122 0.0 0.0 0.0



#34
 Bis(2-ethylhexyl)phthalate
 Concen: 0.054 ng
 RT: 21.306 min Scan# 2443
 Delta R.T. 0.000 min
 Lab File: BN021271.D
 Acq: 17 Aug 2022 02:30

Tgt Ion:149 Resp: 863
 Ion Ratio Lower Upper
 149 100
 167 25.4 20.6 31.0
 279 2.8 2.4 3.6





#35
 Perylene-d12
 Concen: 0.400 ng
 RT: 23.726 min Scan# 30
 Delta R.T. 0.006 min
 Lab File: BN021271.D
 Acq: 17 Aug 2022 02:30

Instrument :
 BNA_N
 ClientSampleId :
 SP-100-20220810

Tgt Ion:264 Resp: 5228

Ion	Ratio	Lower	Upper
264	100		
260	28.8	21.4	32.2
265	45.9	34.3	51.5

