

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN080324\
 Data File : BN033223.D
 Acq On : 03 Aug 2024 04:15
 Operator : MA/JU
 Sample : P3426-02
 Misc :
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 927-K1-WS-073124-FD

Quant Time: Aug 03 04:44:04 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN071124.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Aug 02 22:49:47 2024
 Response via : Initial Calibration

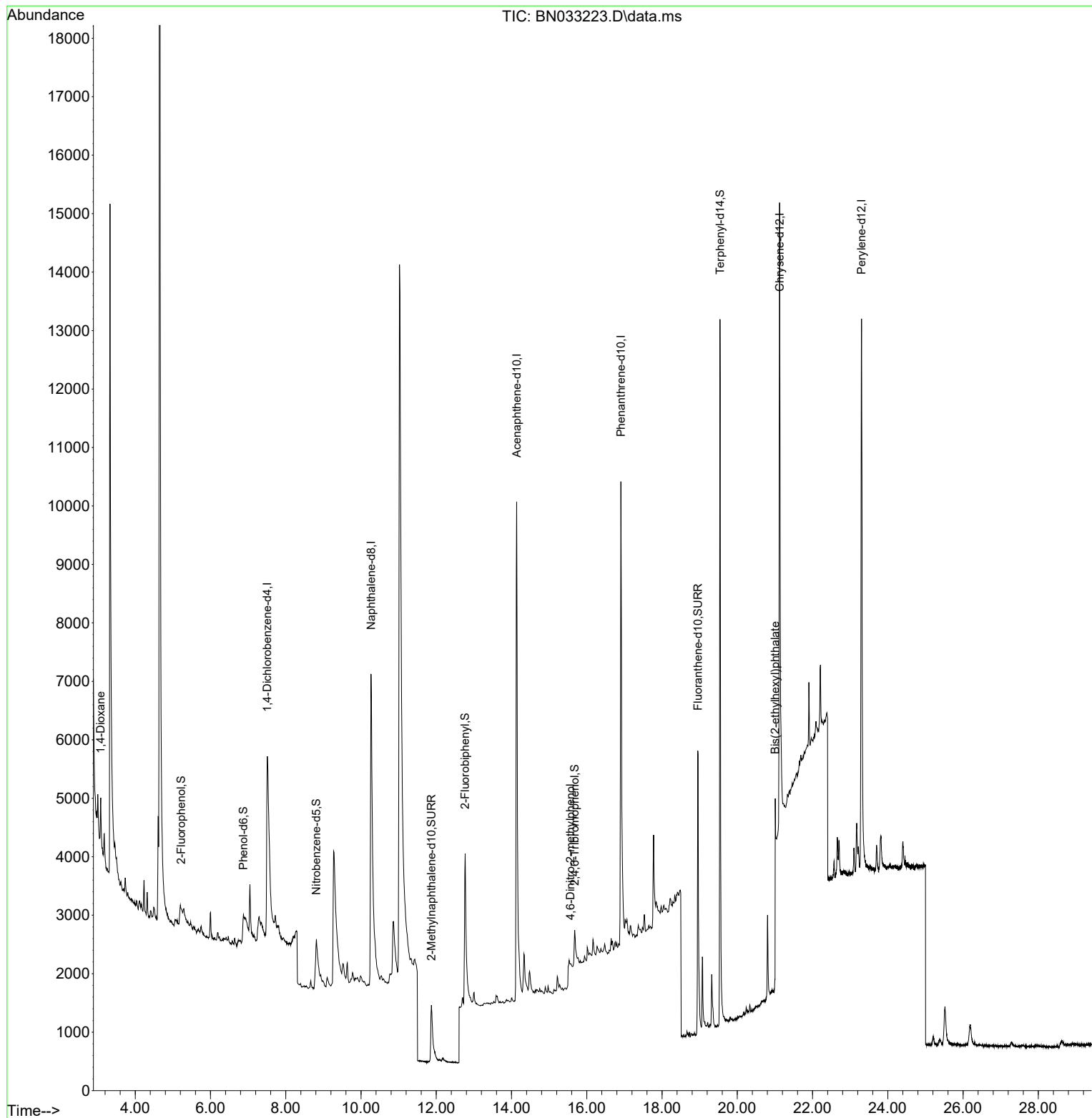
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.510	152	4557	0.400	ng	0.00
7) Naphthalene-d8	10.266	136	15575	0.400	ng	#-0.02
13) Acenaphthene-d10	14.137	164	7686	0.400	ng	0.00
19) Phenanthrene-d10	16.908	188	15096	0.400	ng	-0.01
29) Chrysene-d12	21.125	240	13422	0.400	ng	0.00
35) Perylene-d12	23.300	264	14336	0.400	ng	#-0.01
System Monitoring Compounds						
4) 2-Fluorophenol	5.221	112	1358	0.118	ng	-0.02
5) Phenol-d6	6.874	99	1774	0.124	ng	0.00
8) Nitrobenzene-d5	8.813	82	1975	0.168	ng	0.00
11) 2-Methylnaphthalene-d10	11.871	152	3091	0.130	ng	-0.03
14) 2,4,6-Tribromophenol	15.679	330	497	0.151	ng	-0.04
15) 2-Fluorobiphenyl	12.768	172	4807	0.168	ng	-0.02
27) Fluoranthene-d10	18.955	212	6725	0.172	ng	0.00
31) Terphenyl-d14	19.540	244	15041	0.547	ng	-0.02
Target Compounds						
2) 1,4-Dioxane	3.083	88	626	0.111	ng	# 52
20) 4,6-Dinitro-2-methylph...	15.567	198	5	0.295	ng	# 1
34) Bis(2-ethylhexyl)phtha...	21.008	149	2442	0.104	ng	# 74

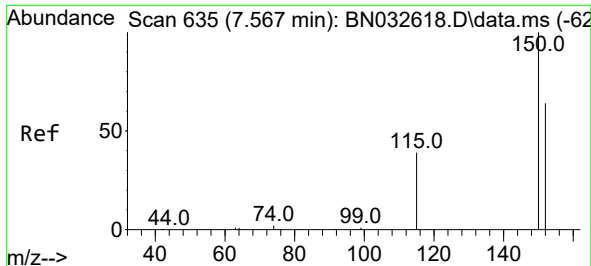
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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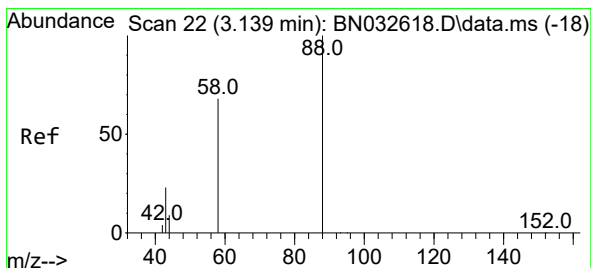
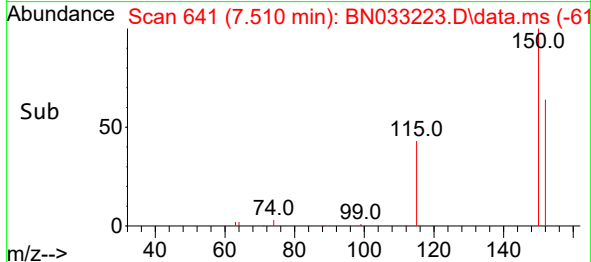
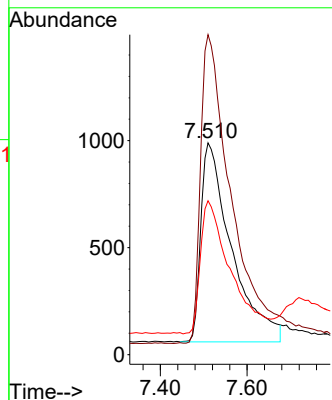
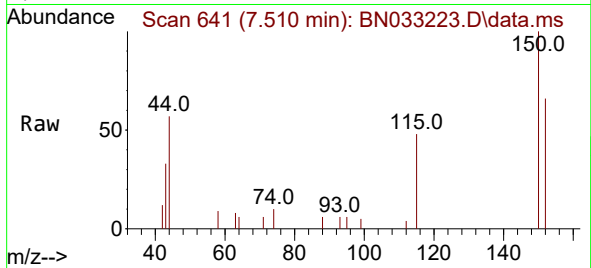




#1
 1,4-Dichlorobenzene-d4
 Concen: 0.400 ng
 RT: 7.510 min Scan# 64
 Delta R.T. 0.007 min
 Lab File: BN033223.D
 Acq: 03 Aug 2024 04:15

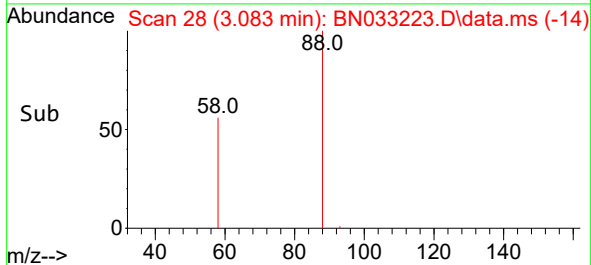
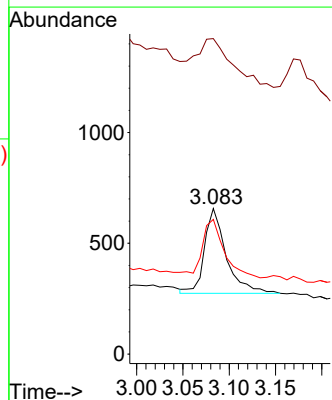
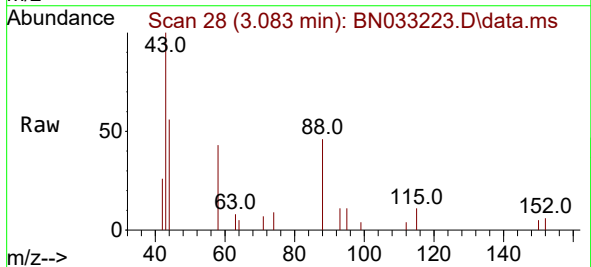
Instrument :
 BNA_N
 ClientSampleId :
 927-K1-WS-073124-FD

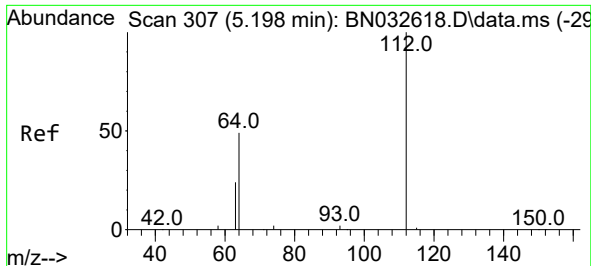
Tgt Ion:152 Resp: 4557
 Ion Ratio Lower Upper
 152 100
 150 151.0 123.8 185.6
 115 72.6 52.8 79.2



#2
 1,4-Dioxane
 Concen: 0.111 ng
 RT: 3.083 min Scan# 28
 Delta R.T. 0.000 min
 Lab File: BN033223.D
 Acq: 03 Aug 2024 04:15

Tgt Ion: 88 Resp: 626
 Ion Ratio Lower Upper
 88 100
 43 92.8 18.4 27.6#
 58 70.4 49.2 73.8

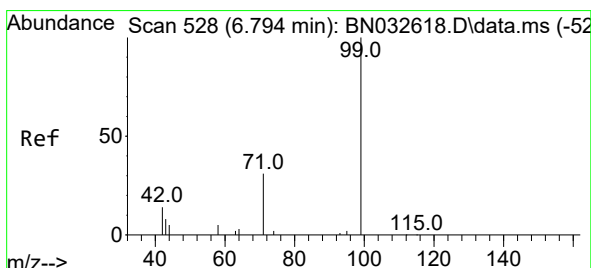
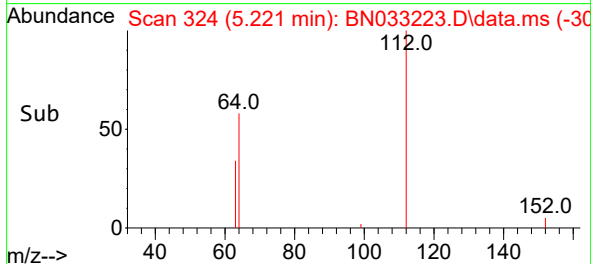
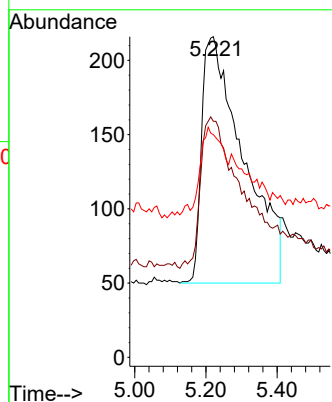
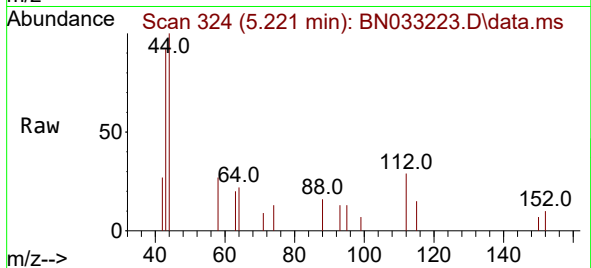




#4
2-Fluorophenol
Concen: 0.118 ng
RT: 5.221 min Scan# 311
Delta R.T. -0.022 min
Lab File: BN033223.D
Acq: 03 Aug 2024 04:15

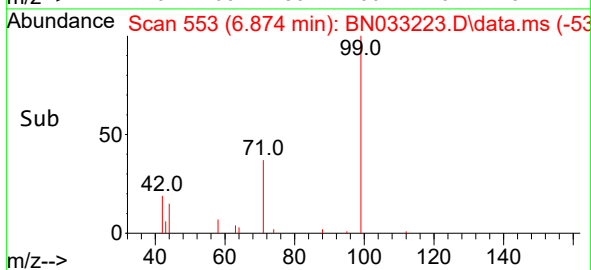
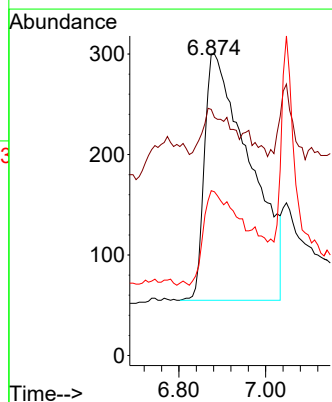
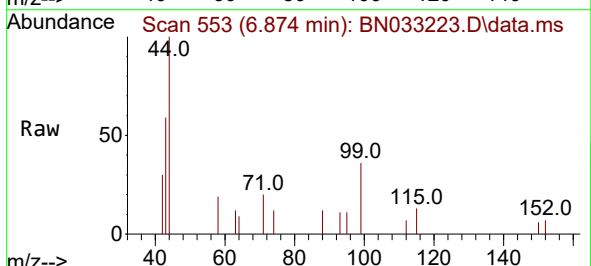
Instrument :
BNA_N
ClientSampleId :
927-K1-WS-073124-FD

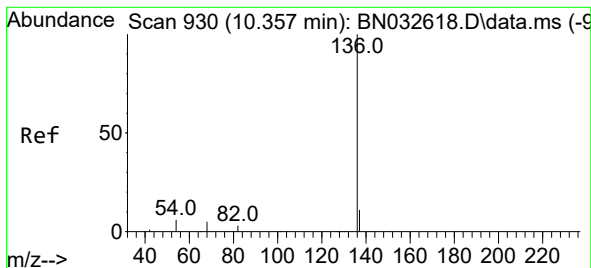
Tgt Ion:112 Resp: 1358
Ion Ratio Lower Upper
112 100
64 62.2 40.2 60.4#
63 18.0 22.2 33.4#



#5
Phenol-d6
Concen: 0.124 ng
RT: 6.874 min Scan# 553
Delta R.T. -0.007 min
Lab File: BN033223.D
Acq: 03 Aug 2024 04:15

Tgt Ion: 99 Resp: 1774
Ion Ratio Lower Upper
99 100
42 10.6 10.5 15.7
71 29.6 22.3 33.5





#7

Naphthalene-d8

Concen: 0.400 ng

RT: 10.266 min Scan# 91

Delta R.T. -0.021 min

Lab File: BN033223.D

Acq: 03 Aug 2024 04:15

Instrument :

BNA_N

ClientSampleId :

927-K1-WS-073124-FD

Tgt Ion:136 Resp: 15575

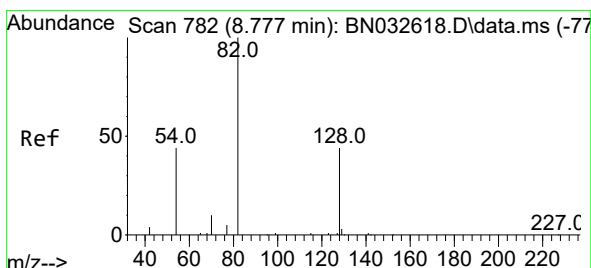
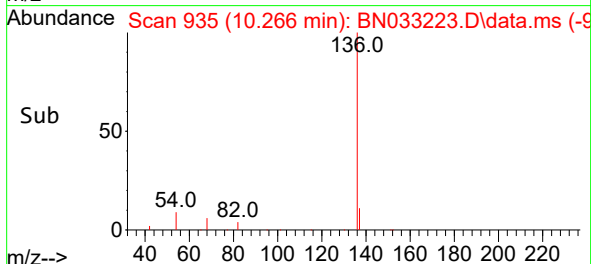
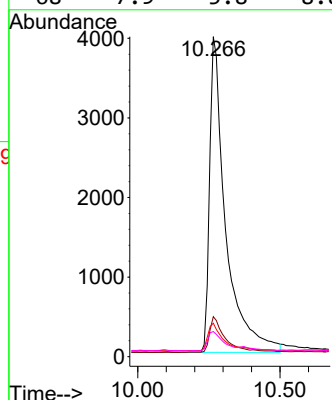
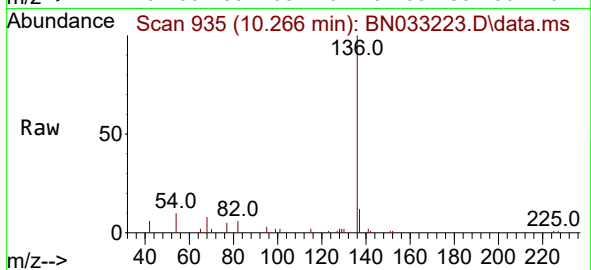
Ion Ratio Lower Upper

136 100

137 12.5 9.9 14.9

54 10.4 6.5 9.7#

68 7.9 5.8 8.8



#8

Nitrobenzene-d5

Concen: 0.168 ng

RT: 8.813 min Scan# 799

Delta R.T. 0.000 min

Lab File: BN033223.D

Acq: 03 Aug 2024 04:15

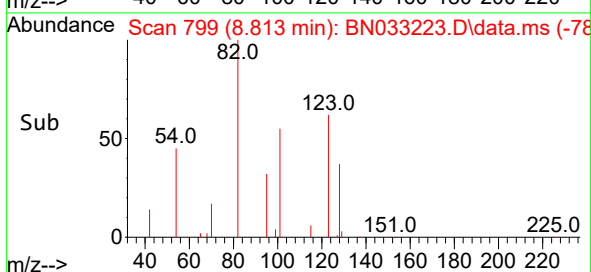
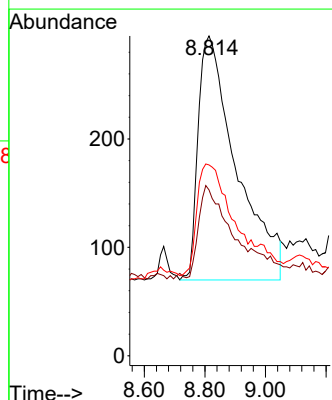
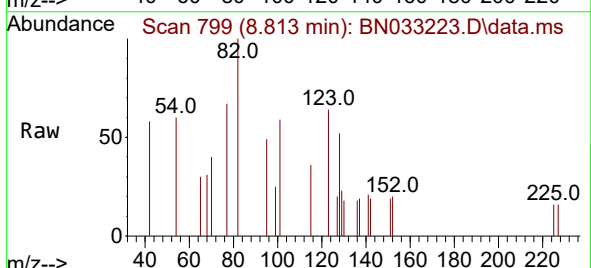
Tgt Ion: 82 Resp: 1975

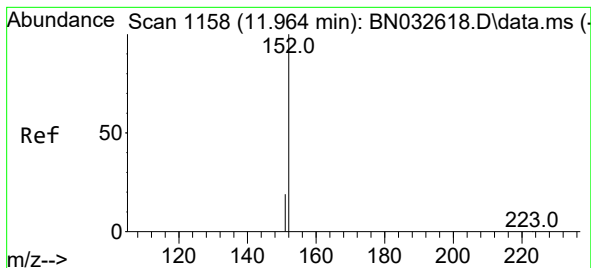
Ion Ratio Lower Upper

82 100

128 51.9 41.7 62.5

54 59.7 39.5 59.3#

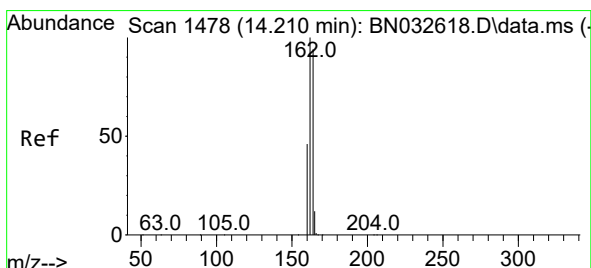
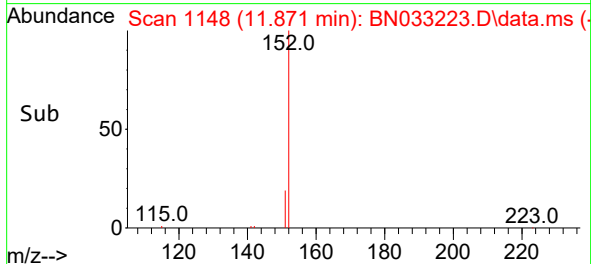
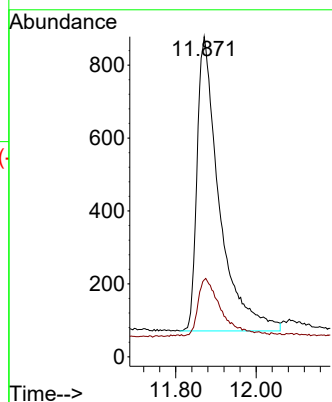
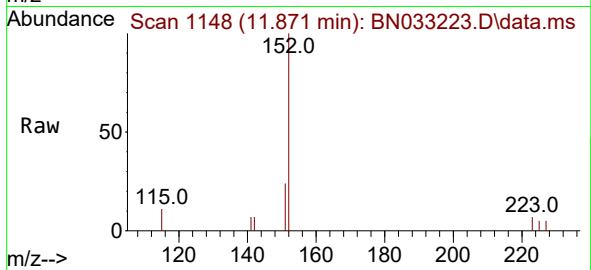




#11
2-Methylnaphthalene-d10
Concen: 0.130 ng
RT: 11.871 min Scan# 1158
Delta R.T. -0.030 min
Lab File: BN033223.D
Acq: 03 Aug 2024 04:15

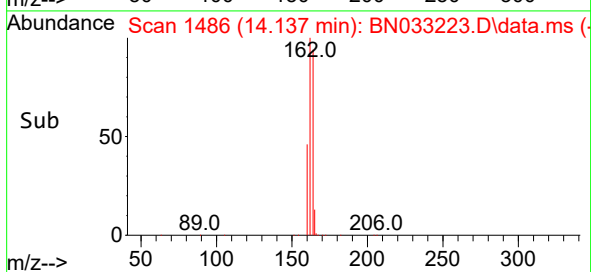
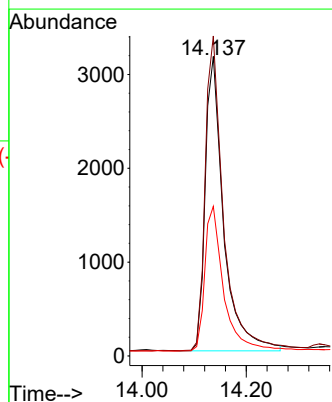
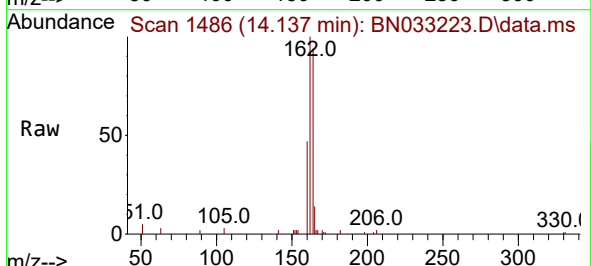
Instrument :
BNA_N
ClientSampleId :
927-K1-WS-073124-FD

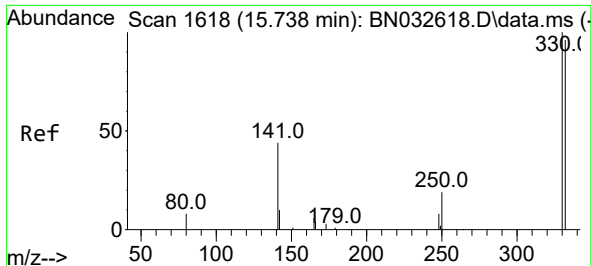
Tgt Ion:152 Resp: 3091
Ion Ratio Lower Upper
152 100
151 19.7 16.2 24.2



#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.137 min Scan# 1486
Delta R.T. 0.000 min
Lab File: BN033223.D
Acq: 03 Aug 2024 04:15

Tgt Ion:164 Resp: 7686
Ion Ratio Lower Upper
164 100
162 106.9 85.0 127.4
160 50.0 39.4 59.2

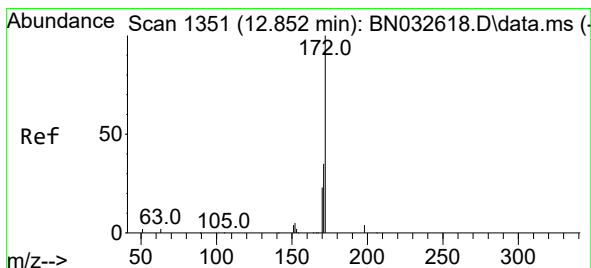
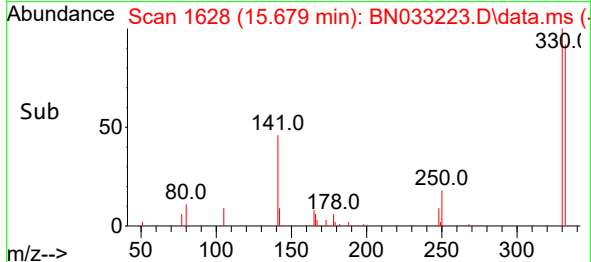
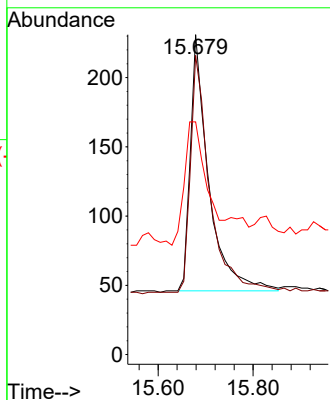
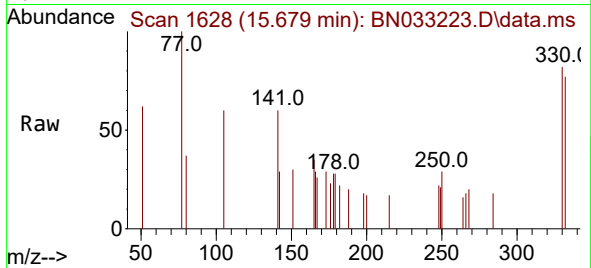




#14
2,4,6-Tribromophenol
Concen: 0.151 ng
RT: 15.679 min Scan# 1628
Delta R.T. -0.037 min
Lab File: BN033223.D
Acq: 03 Aug 2024 04:15

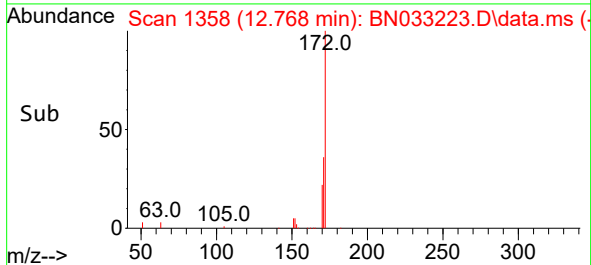
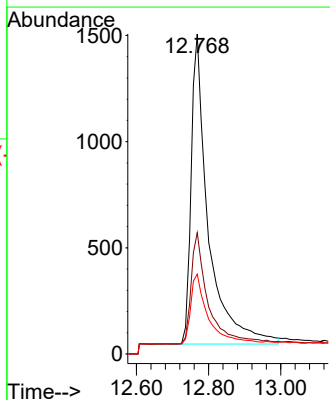
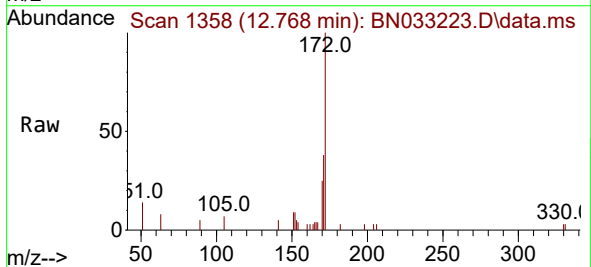
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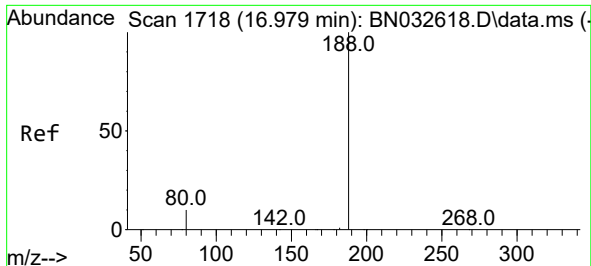
Tgt Ion:330 Resp: 497
Ion Ratio Lower Upper
330 100
332 97.4 77.8 116.8
141 46.1 34.2 51.2



#15
2-Fluorobiphenyl
Concen: 0.168 ng
RT: 12.768 min Scan# 1358
Delta R.T. -0.021 min
Lab File: BN033223.D
Acq: 03 Aug 2024 04:15

Tgt Ion:172 Resp: 4807
Ion Ratio Lower Upper
172 100
171 37.9 28.6 43.0
170 25.0 19.0 28.6

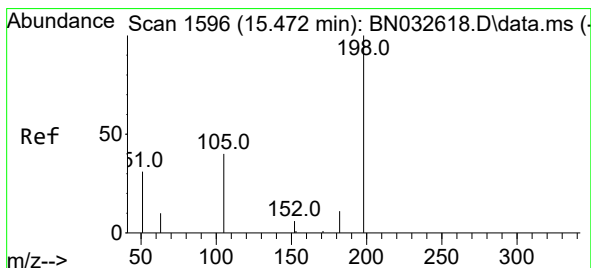
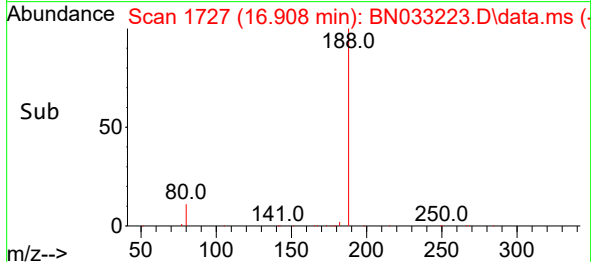
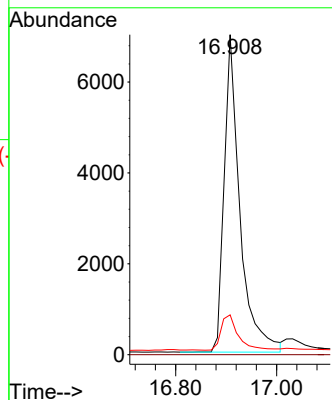
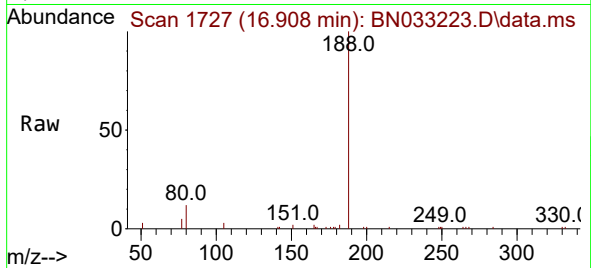




#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 16.908 min Scan# 11
Delta R.T. -0.012 min
Lab File: BN033223.D
Acq: 03 Aug 2024 04:15

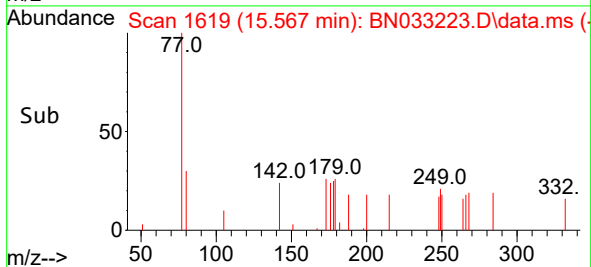
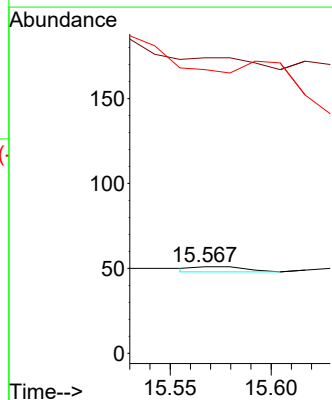
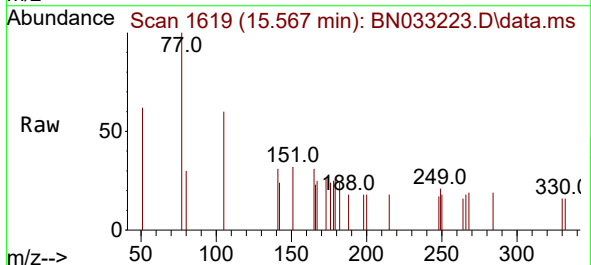
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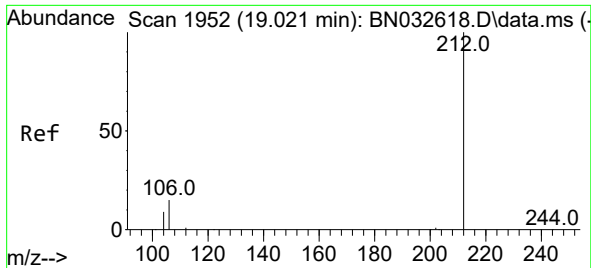
Tgt Ion:188 Resp: 15096
Ion Ratio Lower Upper
188 100
94 0.0 0.0 0.0
80 12.4 8.8 13.2



#20
4,6-Dinitro-2-methylphenol
Concen: 0.295 ng
RT: 15.567 min Scan# 1619
Delta R.T. 0.013 min
Lab File: BN033223.D
Acq: 03 Aug 2024 04:15

Tgt Ion:198 Resp: 5
Ion Ratio Lower Upper
198 100
51 341.2 105.7 158.5#
105 327.5 63.0 94.6#

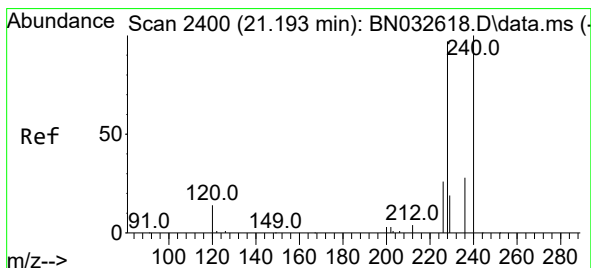
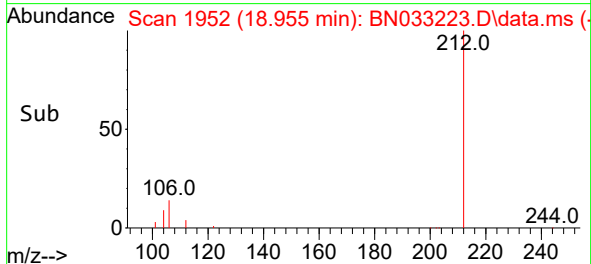
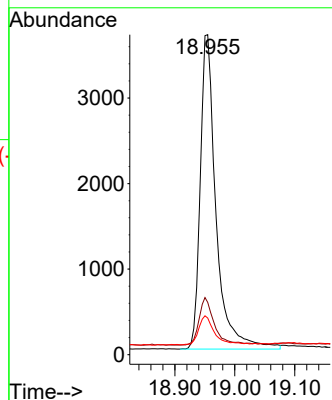
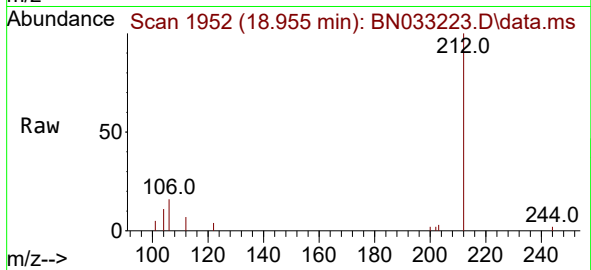




#27
Fluoranthene-d10
Concen: 0.172 ng
RT: 18.955 min Scan# 1952
Delta R.T. -0.005 min
Lab File: BN033223.D
Acq: 03 Aug 2024 04:15

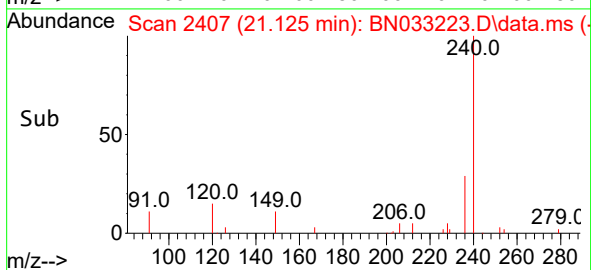
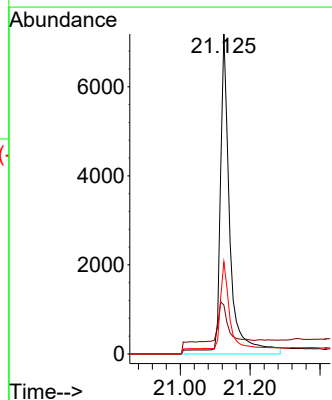
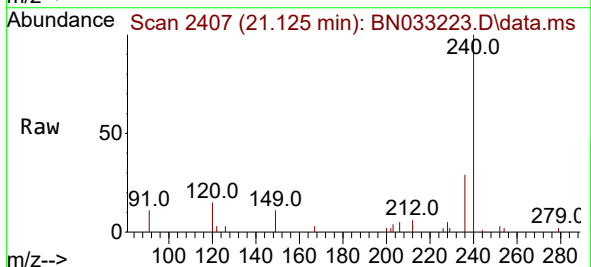
Instrument :
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927-K1-WS-073124-FD

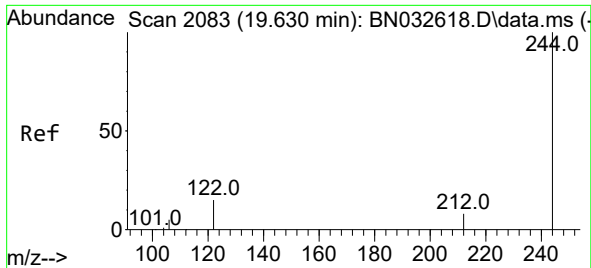
Tgt Ion:212 Resp: 6725
Ion Ratio Lower Upper
212 100
106 15.2 11.9 17.9
104 9.2 6.9 10.3



#29
Chrysene-d12
Concen: 0.400 ng
RT: 21.125 min Scan# 2407
Delta R.T. -0.009 min
Lab File: BN033223.D
Acq: 03 Aug 2024 04:15

Tgt Ion:240 Resp: 13422
Ion Ratio Lower Upper
240 100
120 15.2 14.8 22.2
236 28.8 23.3 34.9

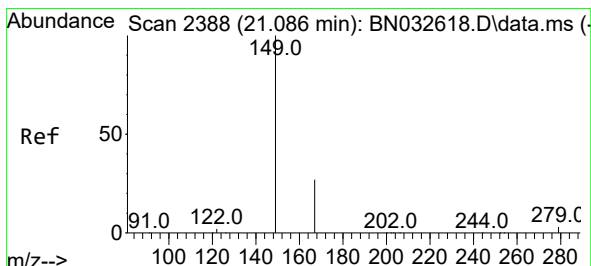
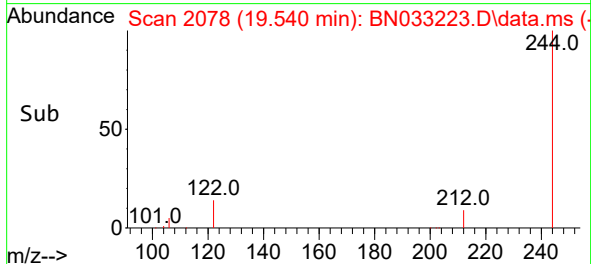
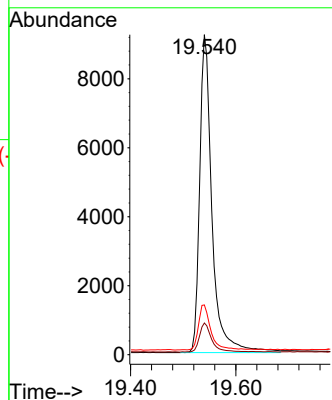
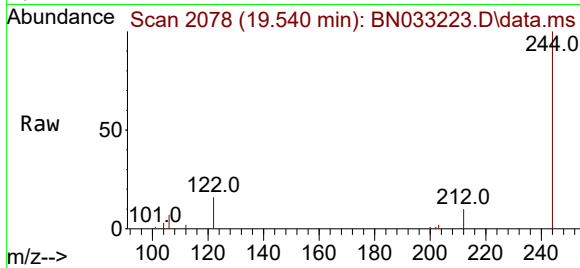




#31
 Terphenyl-d14
 Concen: 0.547 ng
 RT: 19.540 min Scan# 2083
 Delta R.T. -0.023 min
 Lab File: BN033223.D
 Acq: 03 Aug 2024 04:15

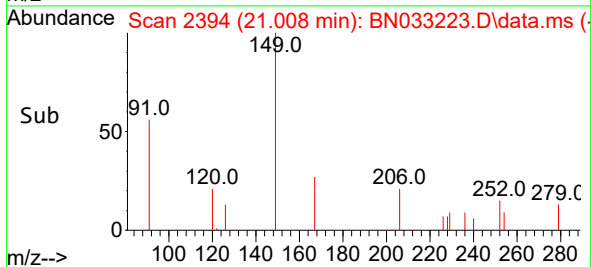
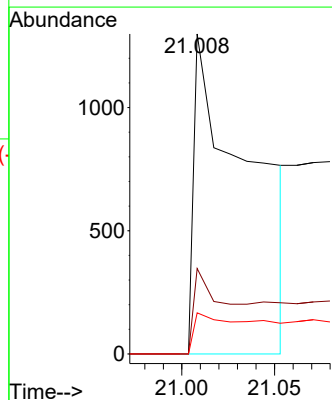
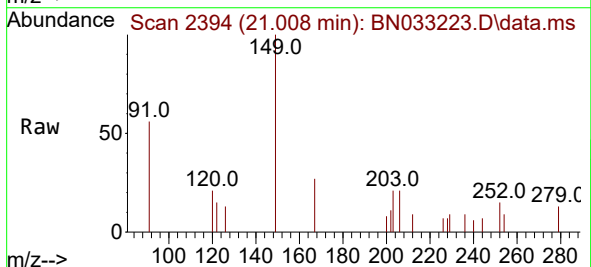
Instrument :
 BNA_N
 ClientSampleId :
 927-K1-WS-073124-FD

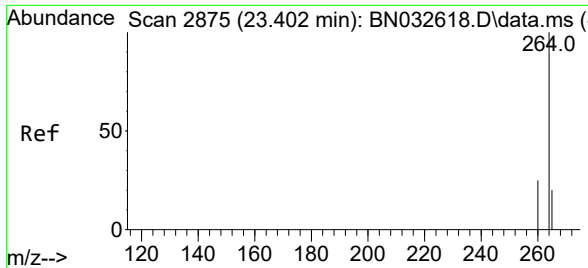
Tgt Ion:244 Resp: 15041
 Ion Ratio Lower Upper
 244 100
 212 9.9 7.5 11.3
 122 15.6 12.6 19.0



#34
 Bis(2-ethylhexyl)phthalate
 Concen: 0.104 ng
 RT: 21.008 min Scan# 2394
 Delta R.T. 0.000 min
 Lab File: BN033223.D
 Acq: 03 Aug 2024 04:15

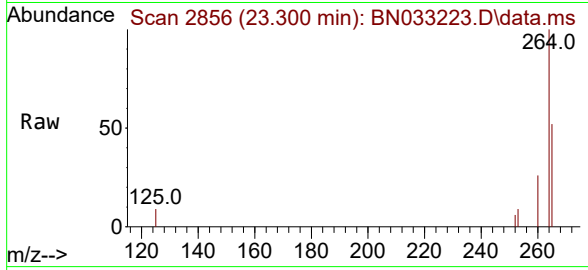
Tgt Ion:149 Resp: 2442
 Ion Ratio Lower Upper
 149 100
 167 12.7 21.4 32.2#
 279 10.1 2.8 4.2#





#35
Perylene-d12
Concen: 0.400 ng
RT: 23.300 min Scan# 21
Delta R.T. -0.014 min
Lab File: BN033223.D
Acq: 03 Aug 2024 04:15

Instrument :
BNA_N
ClientSampleId :
927-K1-WS-073124-FD



Tgt Ion:264 Resp: 14336
Ion Ratio Lower Upper
264 100
260 26.2 20.9 31.3
265 52.0 85.4 128.2#

