

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN082523\
 Data File : BN027201.D
 Acq On : 27 Aug 2023 22:31
 Operator : MA/JU
 Sample : 04051-03
 Misc :
 ALS Vial : 92 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 TT180D2-20230816

Quant Time: Aug 28 00:46:01 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN081123.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Sat Aug 26 02:13:59 2023
 Response via : Initial Calibration

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

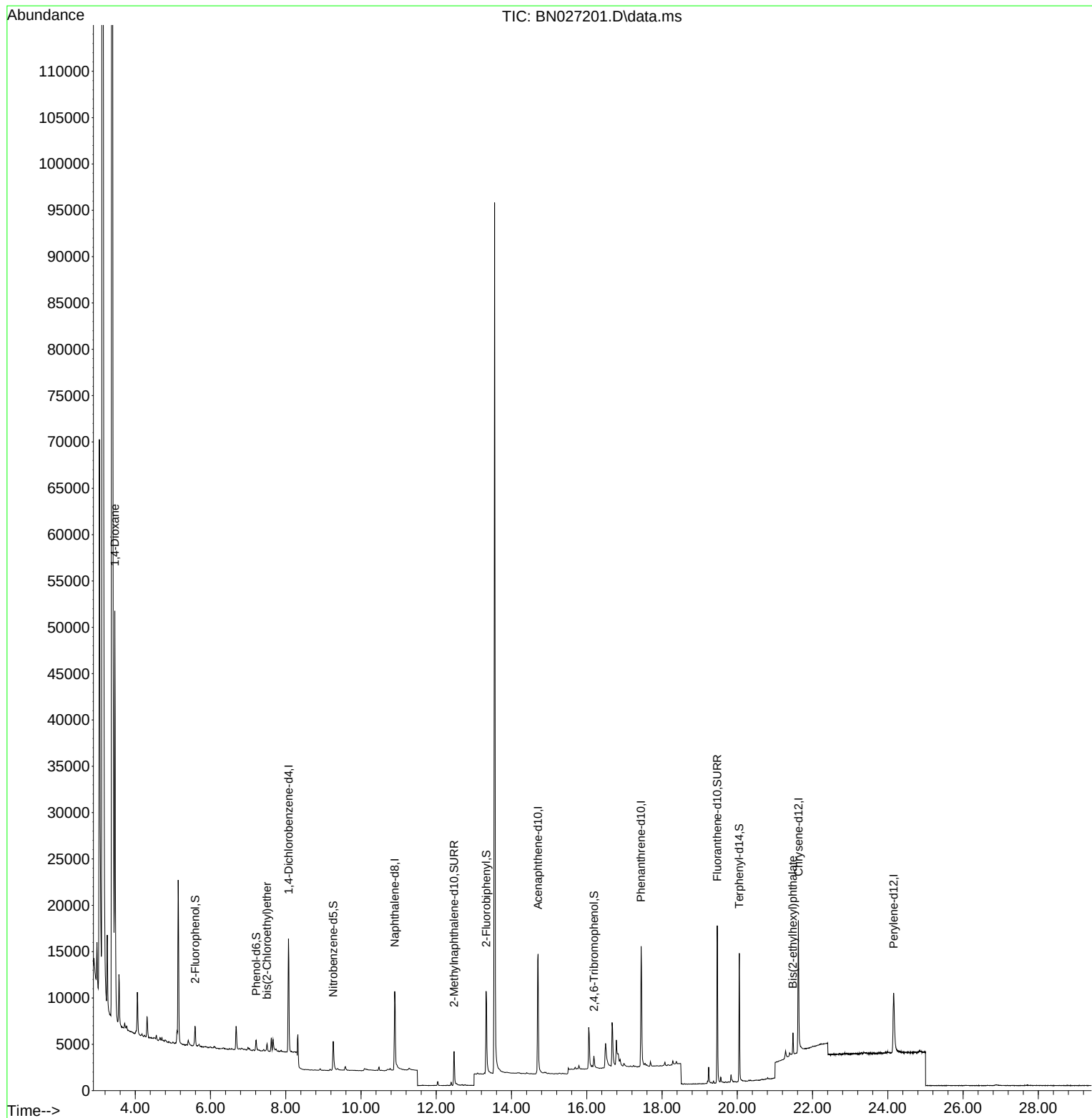
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.073	152	5967	0.400	ng	-0.01
7) Naphthalene-d8	10.896	136	13824	0.400	ng	#-0.01
13) Acenaphthene-d10	14.705	164	8904	0.400	ng	0.00
19) Phenanthrene-d10	17.443	188	20365	0.400	ng	#-0.01
29) Chrysene-d12	21.623	240	15146	0.400	ng	# 0.00
35) Perylene-d12	24.157	264	12565	0.400	ng	#-0.01
System Monitoring Compounds						
4) 2-Fluorophenol	5.596	112	1834	0.109	ng	0.00
5) Phenol-d6	7.214	99	1212	0.058	ng	0.00
8) Nitrobenzene-d5	9.262	82	2809	0.241	ng	-0.01
11) 2-Methylnaphthalene-d10	12.472	152	5959	0.271	ng	-0.01
14) 2,4,6-Tribromophenol	16.189	330	857	0.181	ng	-0.01
15) 2-Fluorobiphenyl	13.326	172	9433	0.285	ng	-0.01
27) Fluoranthene-d10	19.467	212	18345	0.351	ng	0.00
31) Terphenyl-d14	20.053	244	13898	0.439	ng	0.00
Target Compounds						
2) 1,4-Dioxane	3.458	88	28122	4.382	ng	# 97
6) bis(2-Chloroethyl)ether	7.503	93	568	0.033	ng	91
34) Bis(2-ethylhexyl)phtha...	21.480	149	2076	0.053	ng	# 95

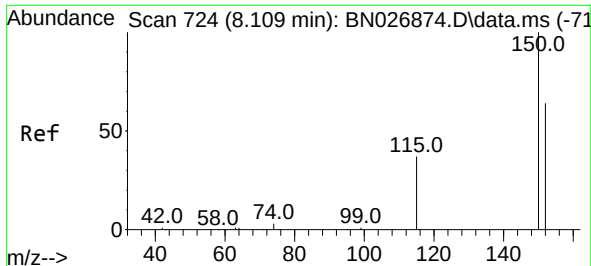
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN082523\
Data File : BN027201.D
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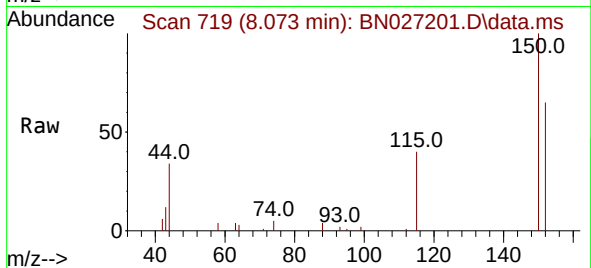
Quant Time: Aug 28 00:46:01 2023
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Sat Aug 26 02:13:59 2023
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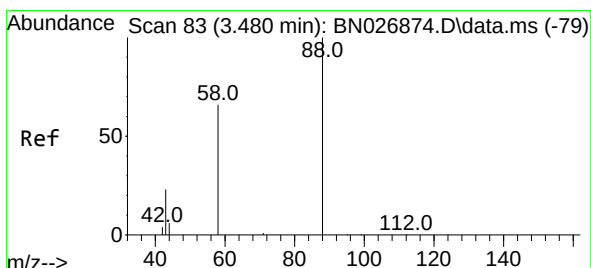
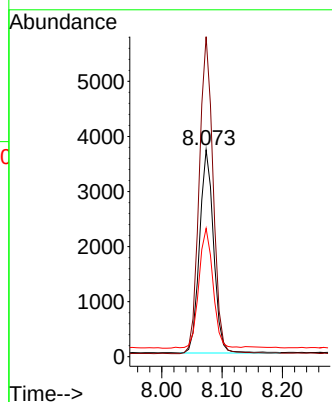
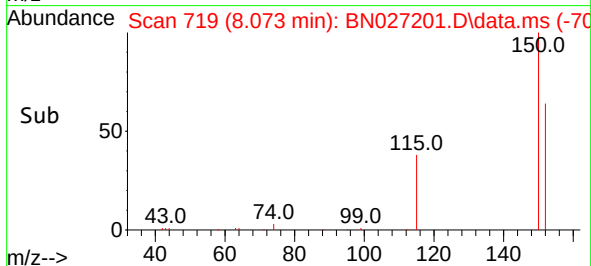


#1
 1,4-Dichlorobenzene-d4
 Concen: 0.400 ng
 RT: 8.073 min Scan# 71
 Delta R.T. -0.015 min
 Lab File: BN027201.D
 Acq: 27 Aug 2023 22:31

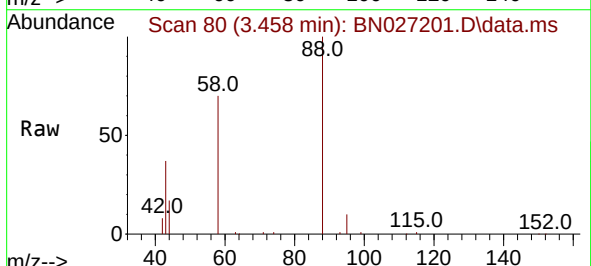
Instrument :
 BNA_N
 ClientSampleId :
 TT180D2-20230816



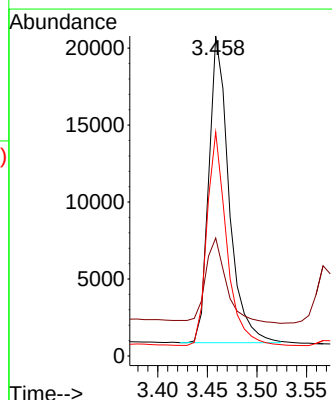
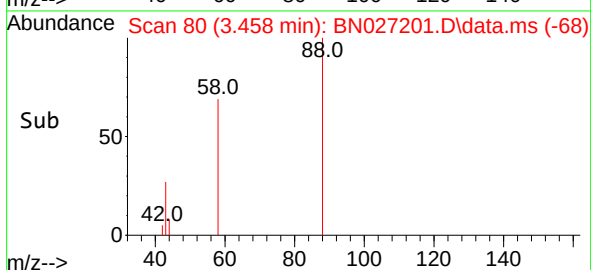
Tgt Ion:152 Resp: 5967
 Ion Ratio Lower Upper
 152 100
 150 154.7 123.8 185.6
 115 62.1 49.7 74.5

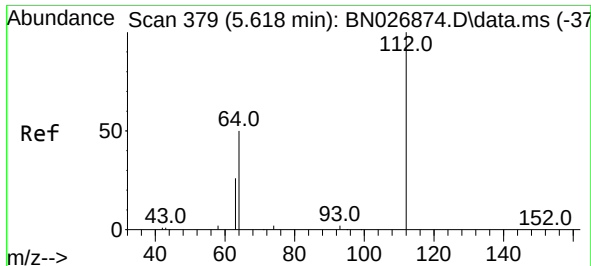


#2
 1,4-Dioxane
 Concen: 4.382 ng
 RT: 3.458 min Scan# 80
 Delta R.T. -0.014 min
 Lab File: BN027201.D
 Acq: 27 Aug 2023 22:31



Tgt Ion: 88 Resp: 28122
 Ion Ratio Lower Upper
 88 100
 43 28.9 19.2 28.8#
 58 67.9 54.5 81.7

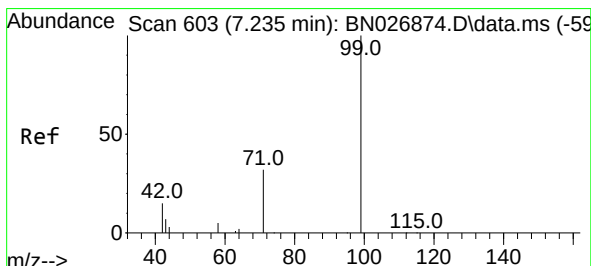
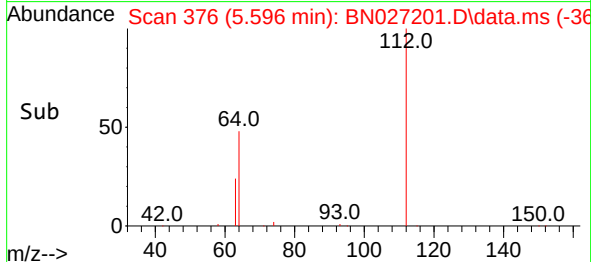
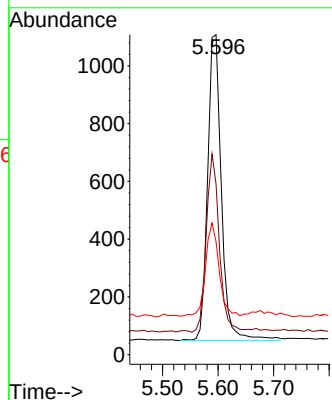
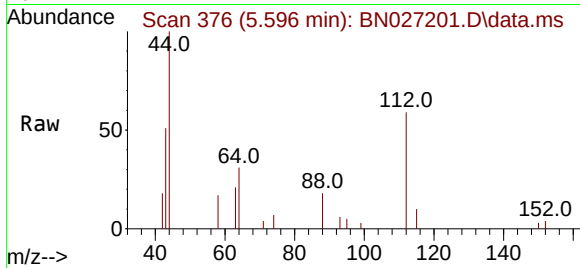




#4
2-Fluorophenol
Concen: 0.109 ng
RT: 5.596 min Scan# 31
Delta R.T. -0.007 min
Lab File: BN027201.D
Acq: 27 Aug 2023 22:31

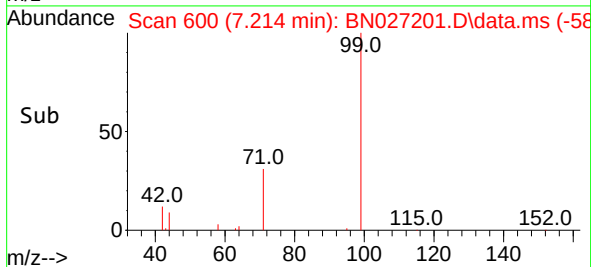
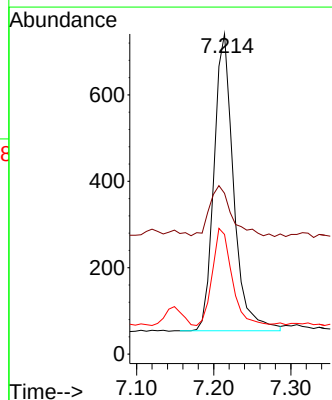
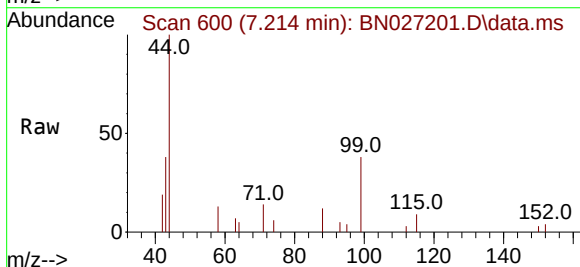
Instrument :
BNA_N
ClientSampleId :
TT180D2-20230816

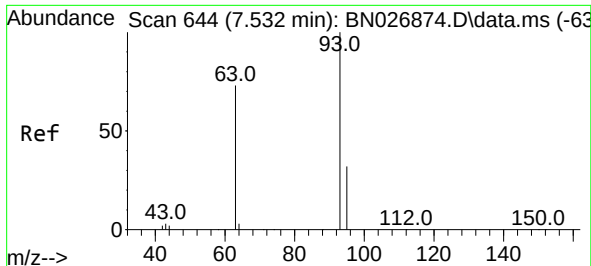
Tgt Ion:112 Resp: 1834
Ion Ratio Lower Upper
112 100
64 54.6 41.5 62.3
63 29.3 21.7 32.5



#5
Phenol-d6
Concen: 0.058 ng
RT: 7.214 min Scan# 600
Delta R.T. -0.007 min
Lab File: BN027201.D
Acq: 27 Aug 2023 22:31

Tgt Ion: 99 Resp: 1212
Ion Ratio Lower Upper
99 100
42 19.7 13.6 20.4
71 32.8 26.0 39.0

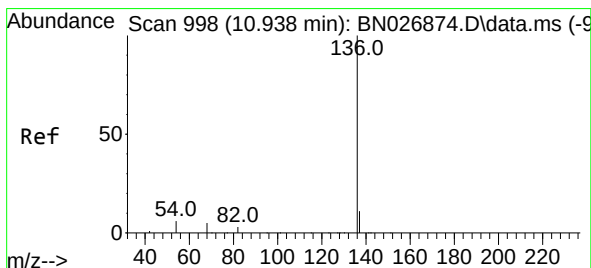
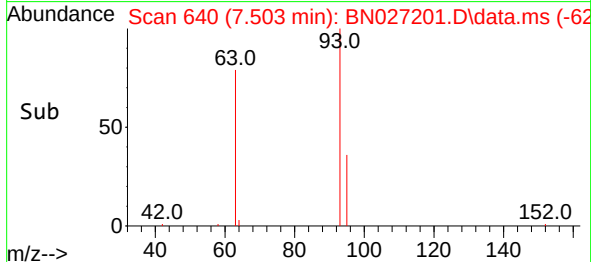
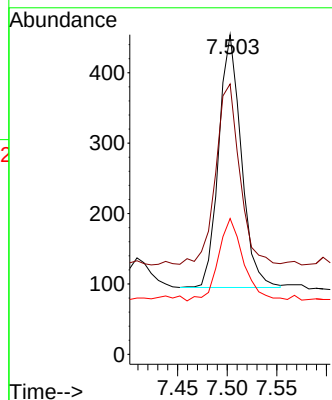
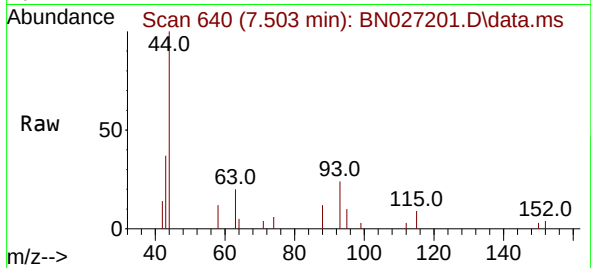




#6
bis(2-Chloroethyl)ether
Concen: 0.033 ng
RT: 7.503 min Scan# 64
Delta R.T. -0.007 min
Lab File: BN027201.D
Acq: 27 Aug 2023 22:31

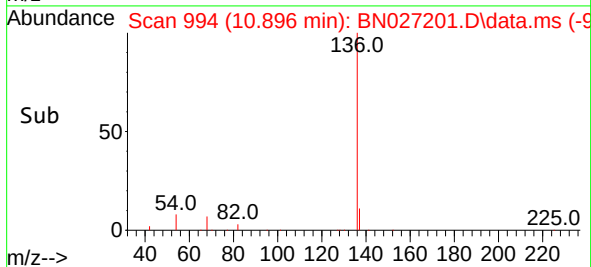
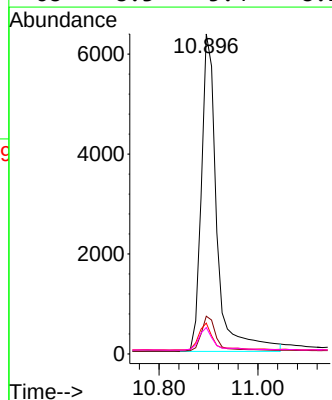
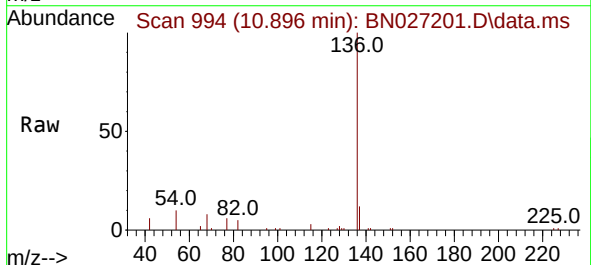
Instrument :
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ClientSampleId :
TT180D2-20230816

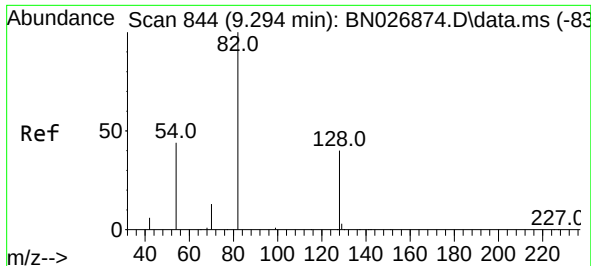
Tgt Ion: 93 Resp: 568
Ion Ratio Lower Upper
93 100
63 77.3 55.0 82.4
95 36.6 26.2 39.2



#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.896 min Scan# 994
Delta R.T. -0.011 min
Lab File: BN027201.D
Acq: 27 Aug 2023 22:31

Tgt Ion:136 Resp: 13824
Ion Ratio Lower Upper
136 100
137 11.8 9.0 13.6
54 9.7 5.5 8.3#
68 8.3 5.4 8.2#

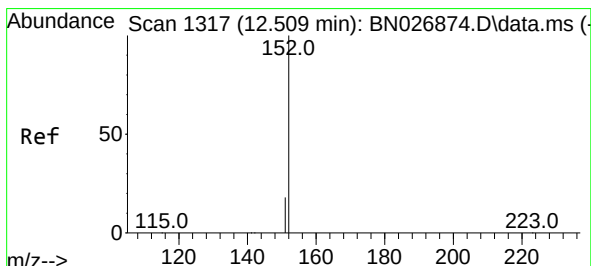
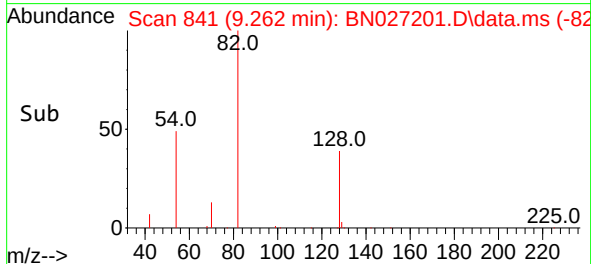
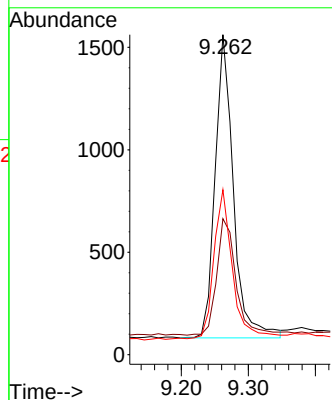
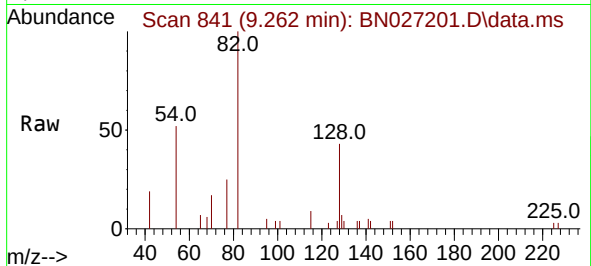




#8
Nitrobenzene-d5
Concen: 0.241 ng
RT: 9.262 min Scan# 84
Delta R.T. -0.011 min
Lab File: BN027201.D
Acq: 27 Aug 2023 22:31

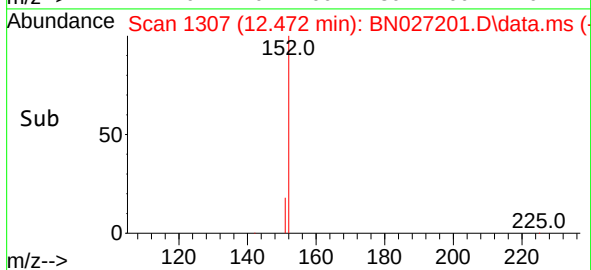
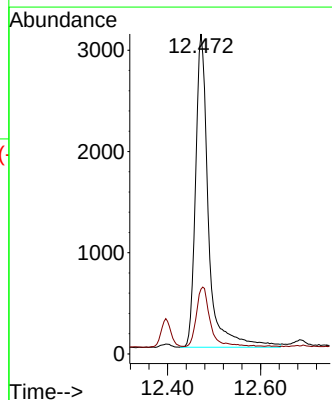
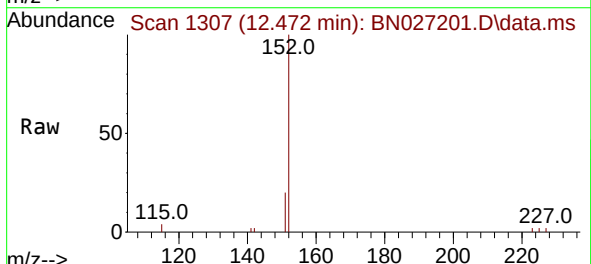
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TT180D2-20230816

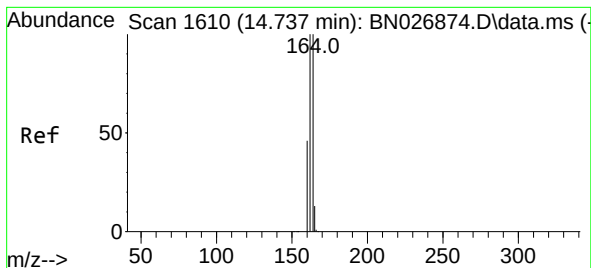
Tgt Ion: 82 Resp: 2809
Ion Ratio Lower Upper
82 100
128 42.5 34.1 51.1
54 51.5 37.0 55.4



#11
2-Methylnaphthalene-d10
Concen: 0.271 ng
RT: 12.472 min Scan# 1307
Delta R.T. -0.011 min
Lab File: BN027201.D
Acq: 27 Aug 2023 22:31

Tgt Ion: 152 Resp: 5959
Ion Ratio Lower Upper
152 100
151 20.1 16.3 24.5





#13

Acenaphthene-d10

Concen: 0.400 ng

RT: 14.705 min Scan# 1

Delta R.T. 0.000 min

Lab File: BN027201.D

Acq: 27 Aug 2023 22:31

Instrument :

BNA_N

ClientSampleId :

TT180D2-20230816

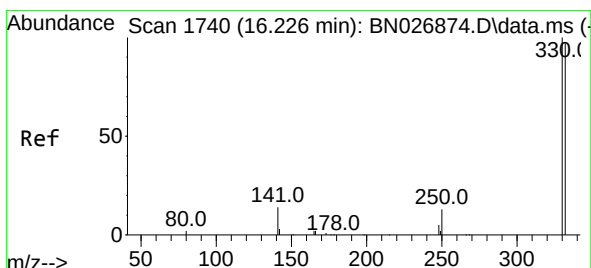
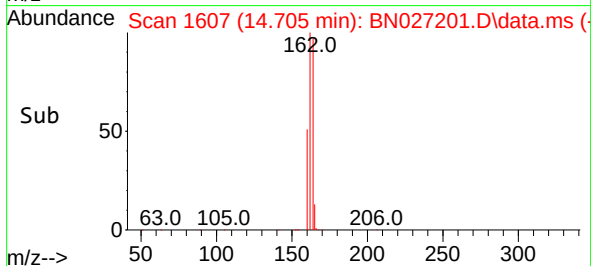
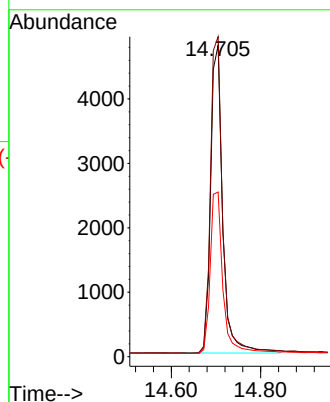
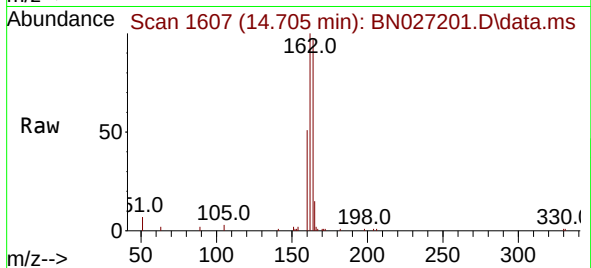
Tgt Ion:164 Resp: 8904

Ion Ratio Lower Upper

164 100

162 102.8 79.7 119.5

160 52.9 37.4 56.0



#14

2,4,6-Tribromophenol

Concen: 0.181 ng

RT: 16.189 min Scan# 1737

Delta R.T. -0.012 min

Lab File: BN027201.D

Acq: 27 Aug 2023 22:31

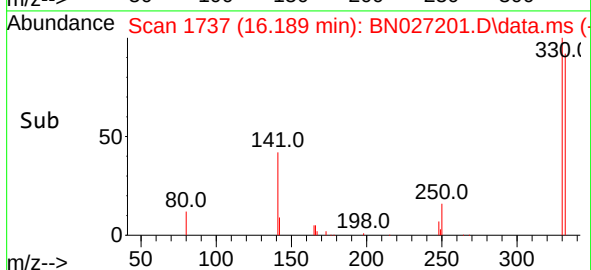
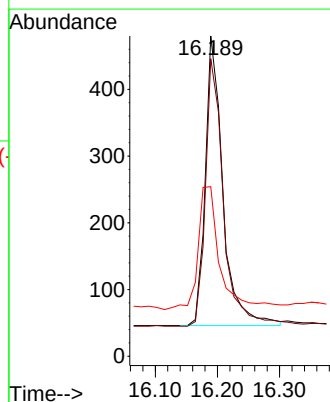
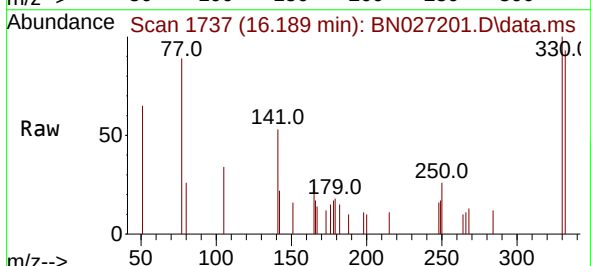
Tgt Ion:330 Resp: 857

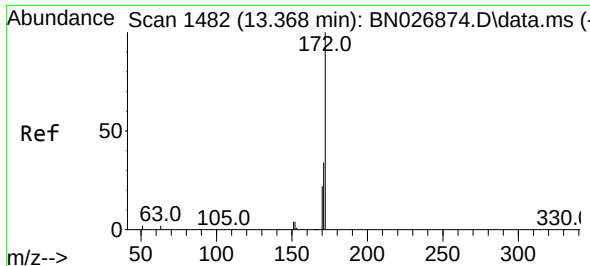
Ion Ratio Lower Upper

330 100

332 94.3 76.6 114.8

141 48.9 32.3 48.5#

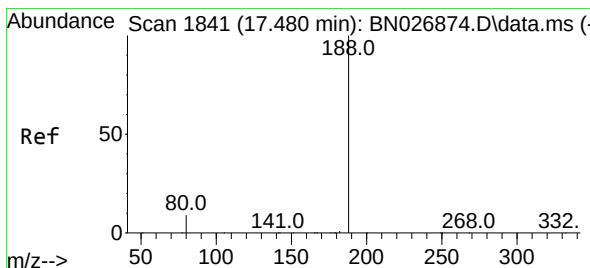
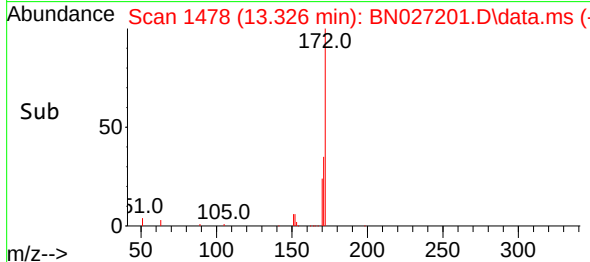
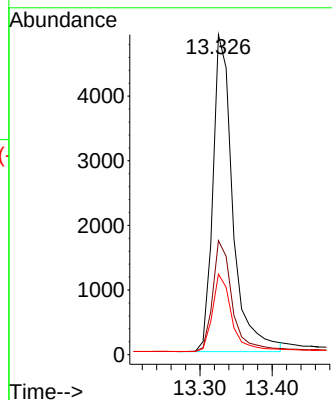
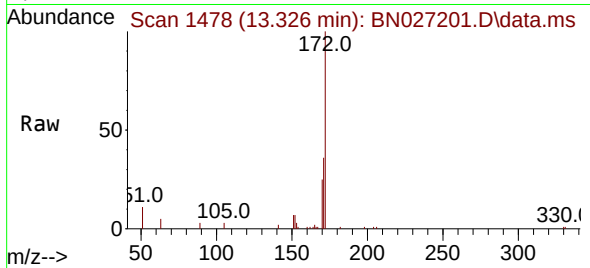




#15
2-Fluorobiphenyl
Concen: 0.285 ng
RT: 13.326 min Scan# 1482
Delta R.T. -0.011 min
Lab File: BN027201.D
Acq: 27 Aug 2023 22:31

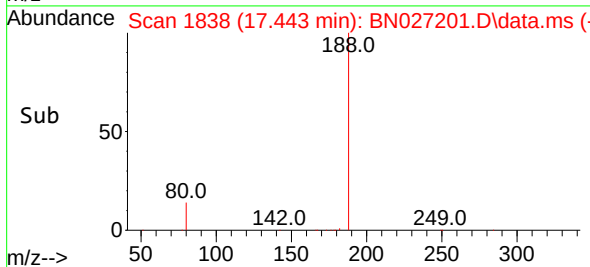
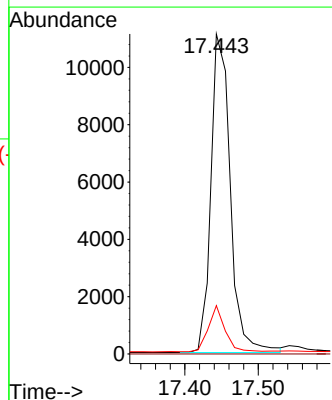
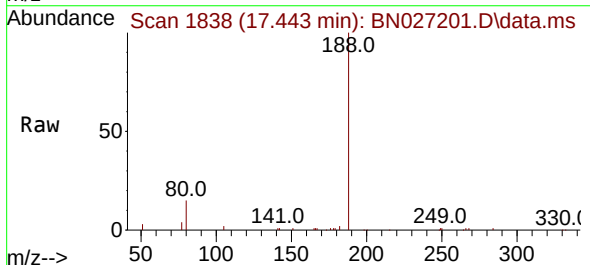
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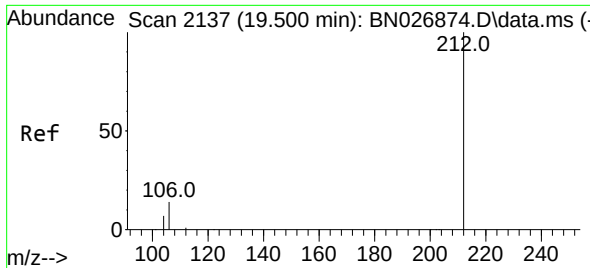
Tgt Ion:172 Resp: 9433
Ion Ratio Lower Upper
172 100
171 35.6 27.4 41.0
170 25.2 18.0 27.0



#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.443 min Scan# 1838
Delta R.T. -0.012 min
Lab File: BN027201.D
Acq: 27 Aug 2023 22:31

Tgt Ion:188 Resp: 20365
Ion Ratio Lower Upper
188 100
94 0.0 0.0 0.0
80 15.1 7.4 11.2#

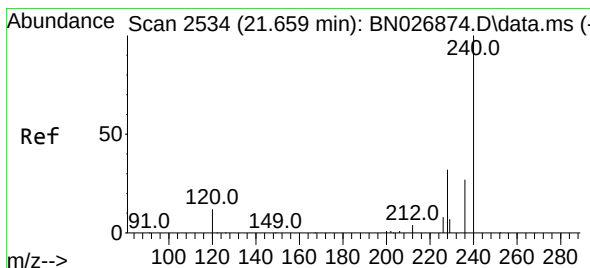
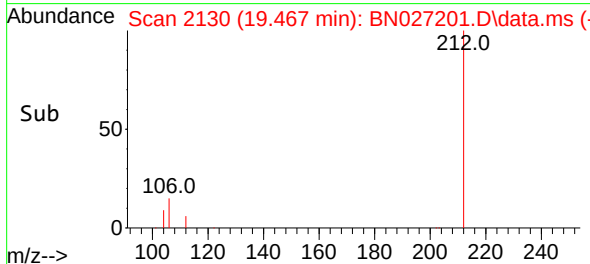
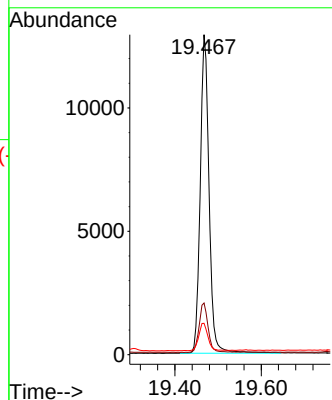
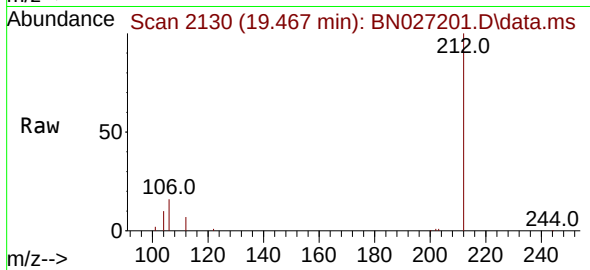




#27
Fluoranthene-d10
Concen: 0.351 ng
RT: 19.467 min Scan# 2130
Delta R.T. -0.009 min
Lab File: BN027201.D
Acq: 27 Aug 2023 22:31

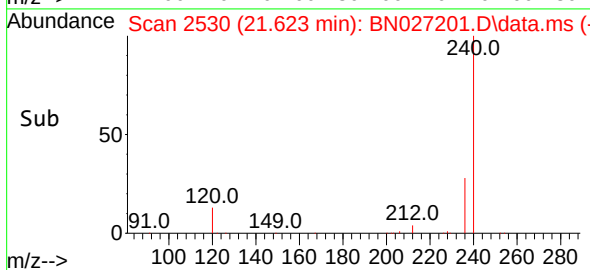
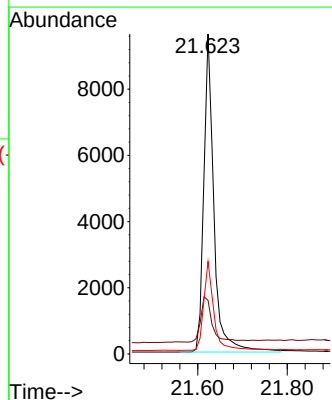
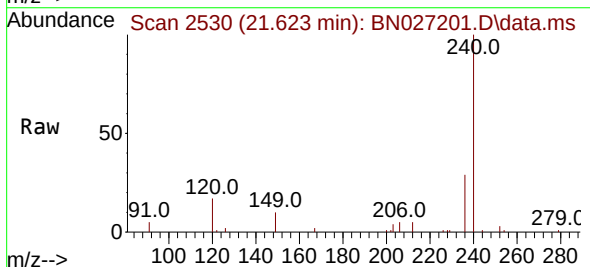
Instrument :
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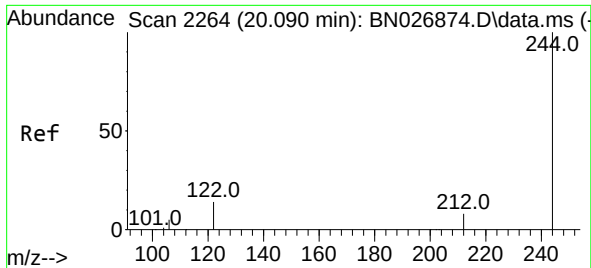
Tgt Ion:212 Resp: 18345
Ion Ratio Lower Upper
212 100
106 15.8 10.9 16.3
104 8.9 5.9 8.9#



#29
Chrysene-d12
Concen: 0.400 ng
RT: 21.623 min Scan# 2530
Delta R.T. -0.009 min
Lab File: BN027201.D
Acq: 27 Aug 2023 22:31

Tgt Ion:240 Resp: 15146
Ion Ratio Lower Upper
240 100
120 16.7 11.1 16.7#
236 28.9 22.2 33.2

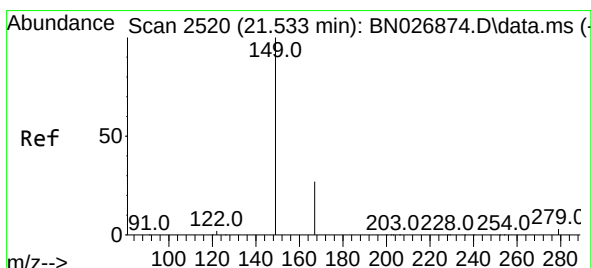
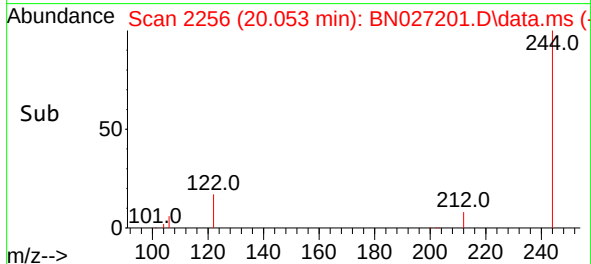
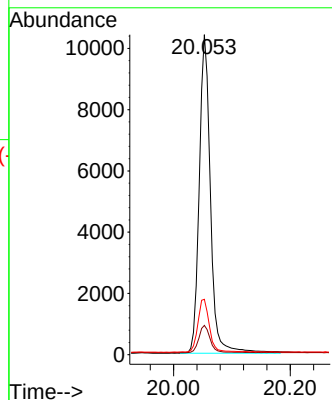
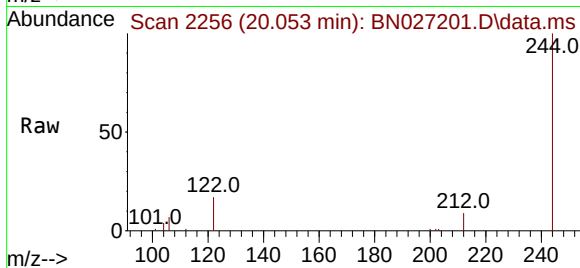




#31
Terphenyl-d14
Concen: 0.439 ng
RT: 20.053 min Scan# 21
Delta R.T. -0.009 min
Lab File: BN027201.D
Acq: 27 Aug 2023 22:31

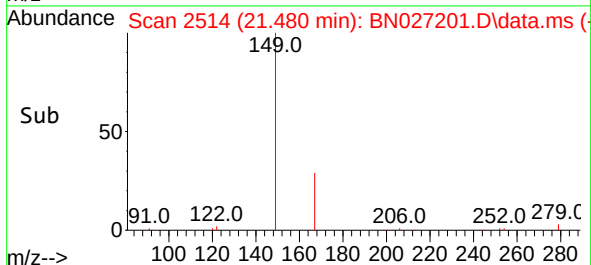
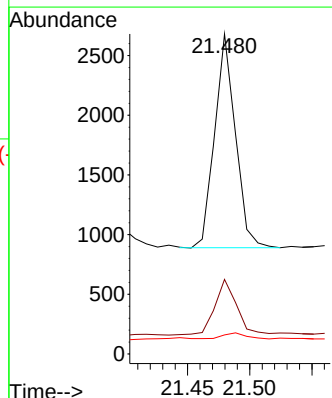
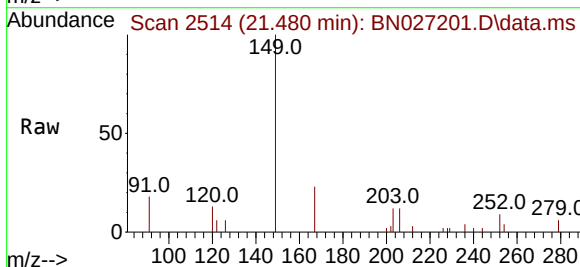
Instrument :
BNA_N
ClientSampleId :
TT180D2-20230816

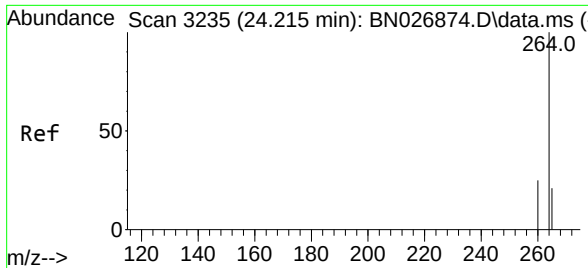
Tgt Ion:244 Resp: 13898
Ion Ratio Lower Upper
244 100
212 9.2 6.9 10.3
122 17.3 11.9 17.9



#34
Bis(2-ethylhexyl)phthalate
Concen: 0.053 ng
RT: 21.480 min Scan# 2514
Delta R.T. -0.018 min
Lab File: BN027201.D
Acq: 27 Aug 2023 22:31

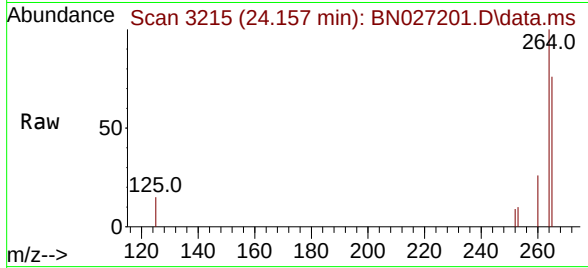
Tgt Ion:149 Resp: 2076
Ion Ratio Lower Upper
149 100
167 29.2 21.4 32.0
279 3.2 3.6 5.4#





#35
 Perylene-d12
 Concen: 0.400 ng
 RT: 24.157 min Scan# 31
 Delta R.T. -0.014 min
 Lab File: BN027201.D
 Acq: 27 Aug 2023 22:31

Instrument :
 BNA_N
 ClientSampleId :
 TT180D2-20230816



Tgt Ion:264 Resp: 12565

Ion	Ratio	Lower	Upper
264	100		
260	26.3	20.4	30.6
265	76.3	27.0	40.6

