

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN082923\
 Data File : BN027245.D
 Acq On : 29 Aug 2023 17:22
 Operator : MA/JU
 Sample : 04126-12
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 MW305D-20230819

Quant Time: Aug 30 00:39:53 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN082923.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Aug 29 05:37:30 2023
 Response via : Initial Calibration

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

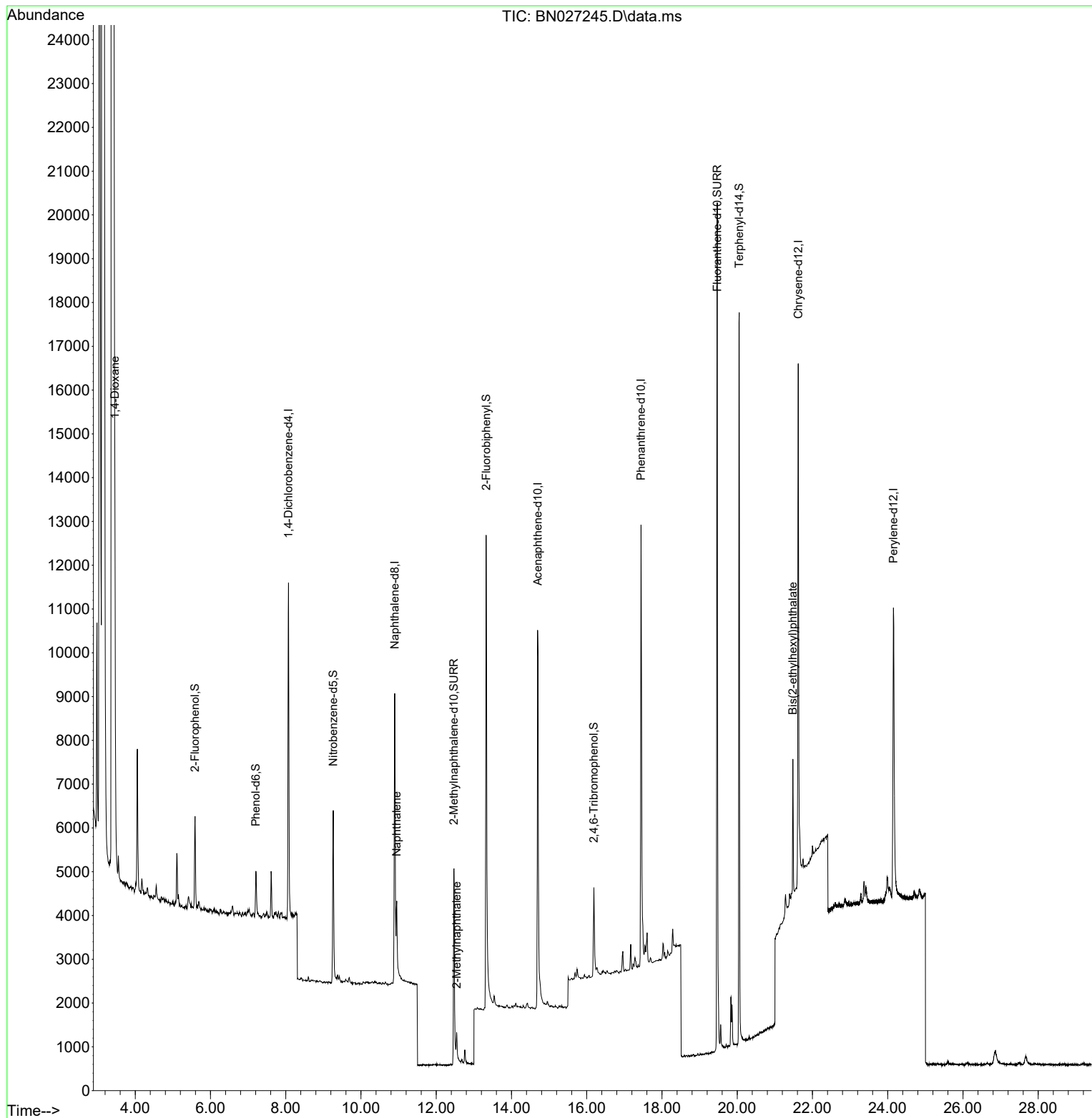
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.073	152	3897	0.400	ng	0.00
7) Naphthalene-d8	10.895	136	10589	0.400	ng	0.00
13) Acenaphthene-d10	14.694	164	6745	0.400	ng	0.00
19) Phenanthrene-d10	17.443	188	15452	0.400	ng	0.00
29) Chrysene-d12	21.623	240	12917	0.400	ng	0.00
35) Perylene-d12	24.154	264	11920	0.400	ng	0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.589	112	1832	0.180	ng	0.00
5) Phenol-d6	7.207	99	1181	0.096	ng	0.00
8) Nitrobenzene-d5	9.262	82	3604	0.467	ng	0.00
11) 2-Methylnaphthalene-d10	12.468	152	7797	0.501	ng	0.00
14) 2,4,6-Tribromophenol	16.189	330	1369	0.548	ng	0.00
15) 2-Fluorobiphenyl	13.326	172	11742	0.458	ng	0.00
27) Fluoranthene-d10	19.467	212	22522	0.586	ng	0.00
31) Terphenyl-d14	20.053	244	16668	0.642	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	3.458	88	3286	0.691	ng	# 93
9) Naphthalene	10.949	128	2436	0.084	ng	# 88
12) 2-Methylnaphthalene	12.544	142	440	0.021	ng	# 77
34) Bis(2-ethylhexyl)phtha...	21.480	149	2901	0.136	ng	100

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

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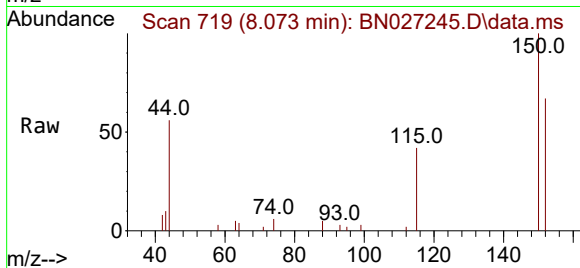
Quant Time: Aug 30 00:39:53 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN082923.M
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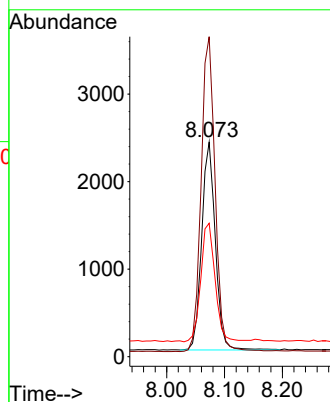
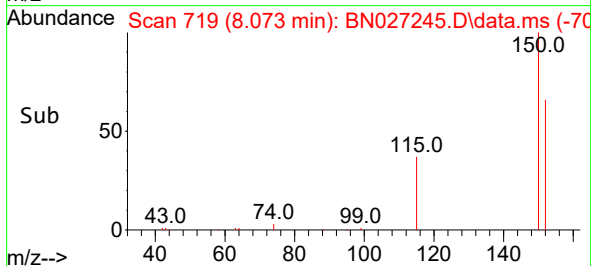


#1
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 8.073 min Scan# 719
Delta R.T. 0.000 min
Lab File: BN027245.D
Acq: 29 Aug 2023 17:22

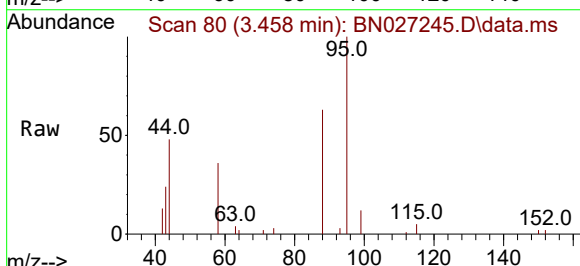
Instrument :
BNA_N
ClientSampleId :
MW305D-20230819



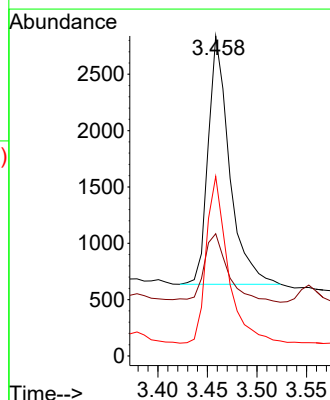
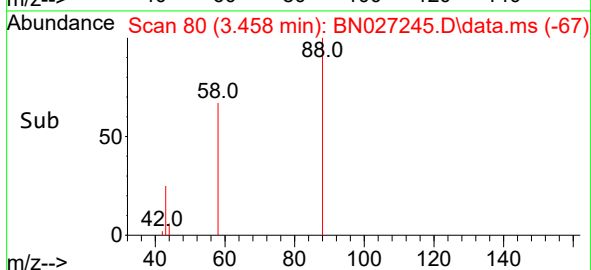
Tgt Ion:152 Resp: 3897
Ion Ratio Lower Upper
152 100
150 149.2 122.7 184.1
115 62.2 48.6 73.0



#2
1,4-Dioxane
Concen: 0.691 ng
RT: 3.458 min Scan# 80
Delta R.T. -0.007 min
Lab File: BN027245.D
Acq: 29 Aug 2023 17:22



Tgt Ion: 88 Resp: 3286
Ion Ratio Lower Upper
88 100
43 31.4 19.1 28.7#
58 68.8 52.2 78.2

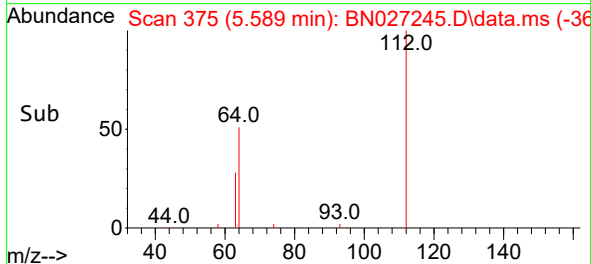
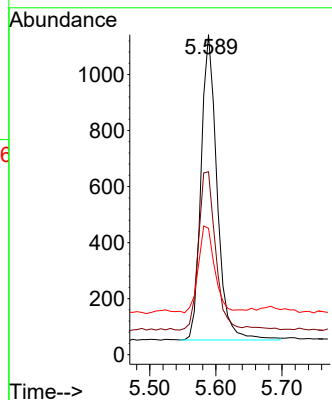
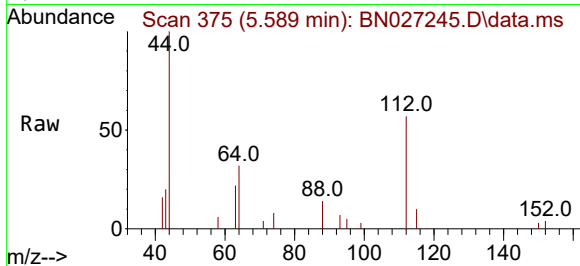




#4
2-Fluorophenol
Concen: 0.180 ng
RT: 5.589 min Scan# 31
Delta R.T. 0.000 min
Lab File: BN027245.D
Acq: 29 Aug 2023 17:22

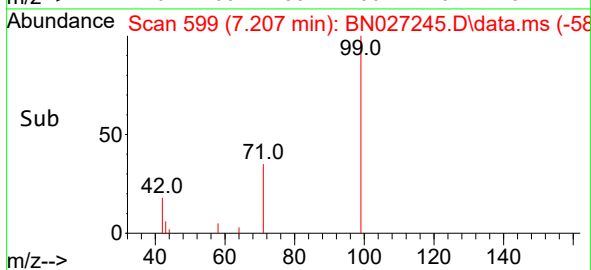
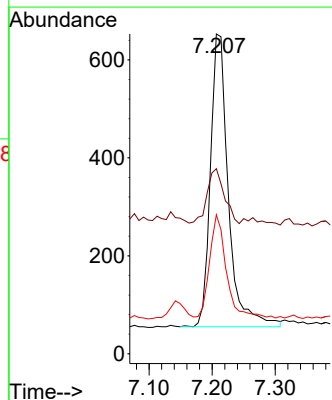
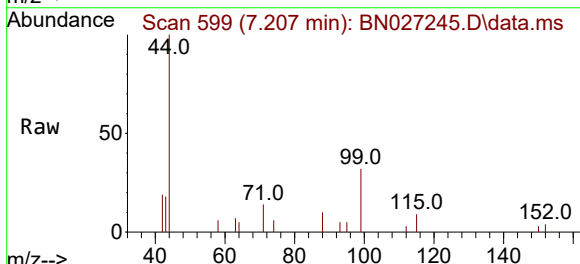
Instrument :
BNA_N
ClientSampleId :
MW305D-20230819

Tgt Ion:112 Resp: 1832
Ion Ratio Lower Upper
112 100
64 55.3 44.4 66.6
63 28.0 23.1 34.7



#5
Phenol-d6
Concen: 0.096 ng
RT: 7.207 min Scan# 599
Delta R.T. 0.000 min
Lab File: BN027245.D
Acq: 29 Aug 2023 17:22

Tgt Ion: 99 Resp: 1181
Ion Ratio Lower Upper
99 100
42 17.7 14.5 21.7
71 32.8 25.8 38.6





#7

Naphthalene-d8

Concen: 0.400 ng

RT: 10.895 min Scan# 994

Delta R.T. 0.000 min

Lab File: BN027245.D

Acq: 29 Aug 2023 17:22

Instrument :

BNA_N

ClientSampleId :

MW305D-20230819

Tgt Ion:136 Resp: 10589

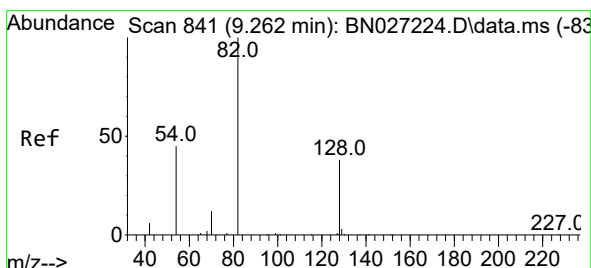
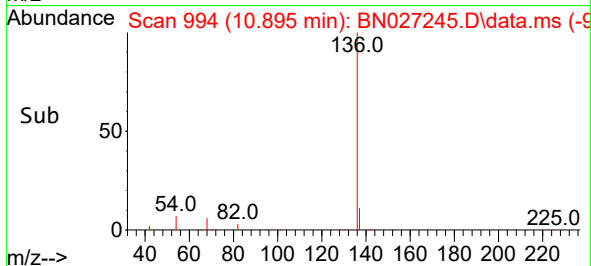
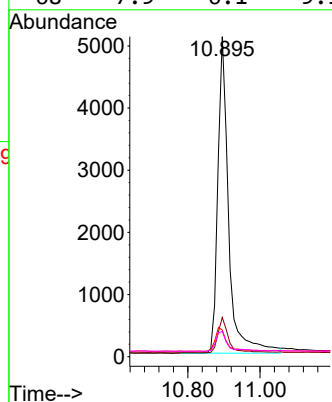
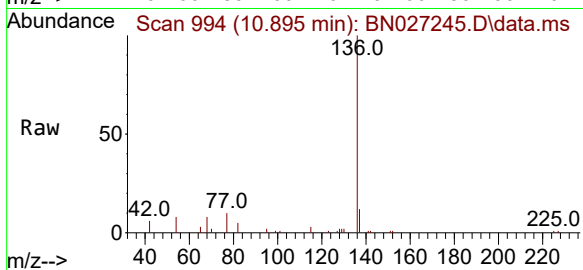
Ion Ratio Lower Upper

136 100

137 12.3 9.3 13.9

54 8.4 6.7 10.1

68 7.9 6.1 9.1



#8

Nitrobenzene-d5

Concen: 0.467 ng

RT: 9.262 min Scan# 841

Delta R.T. 0.000 min

Lab File: BN027245.D

Acq: 29 Aug 2023 17:22

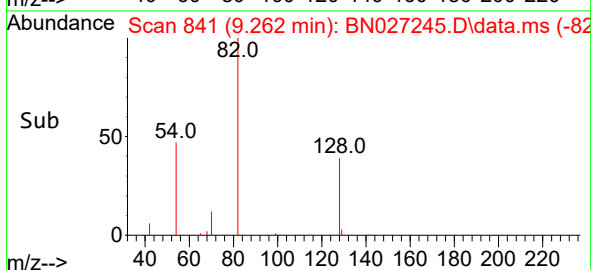
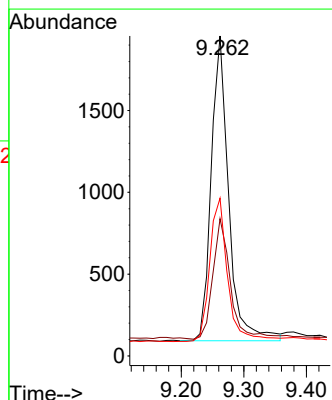
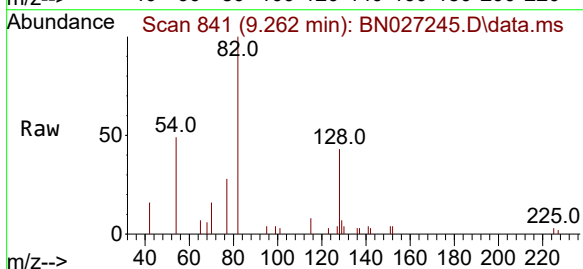
Tgt Ion: 82 Resp: 3604

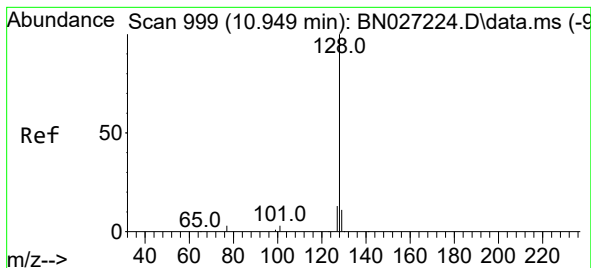
Ion Ratio Lower Upper

82 100

128 42.9 33.4 50.0

54 49.3 37.7 56.5





#9

Naphthalene

Concen: 0.084 ng

RT: 10.949 min Scan# 999

Delta R.T. 0.000 min

Lab File: BN027245.D

Acq: 29 Aug 2023 17:22

Instrument :

BNA_N

ClientSampleId :

MW305D-20230819

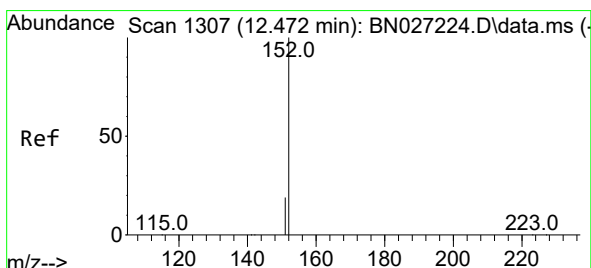
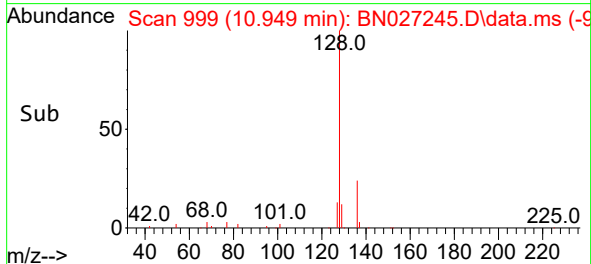
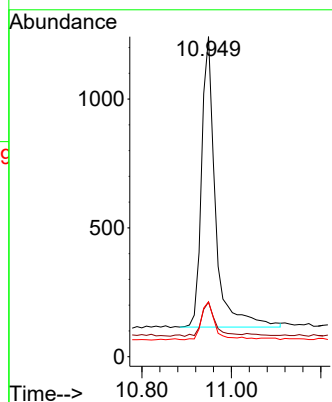
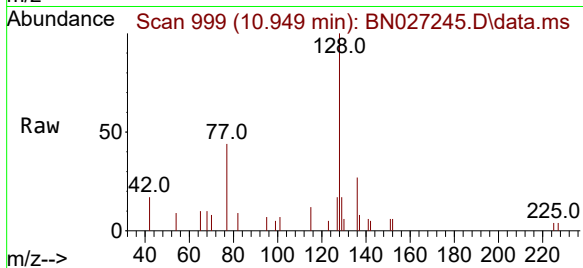
Tgt Ion:128 Resp: 2436

Ion Ratio Lower Upper

128 100

129 17.1 9.4 14.0#

127 17.1 10.6 15.8#



#11

2-Methylnaphthalene-d10

Concen: 0.501 ng

RT: 12.468 min Scan# 1306

Delta R.T. -0.004 min

Lab File: BN027245.D

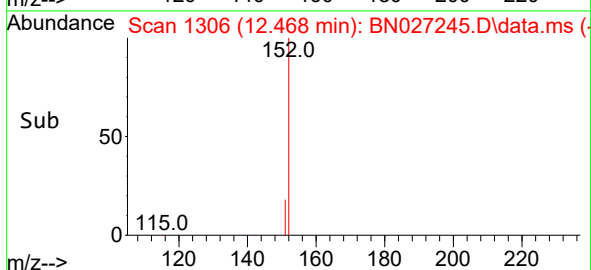
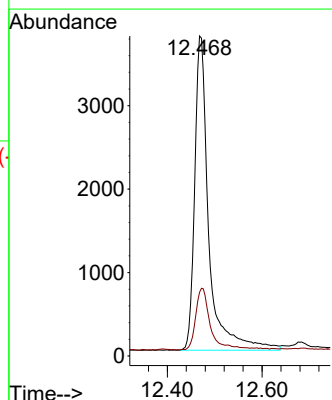
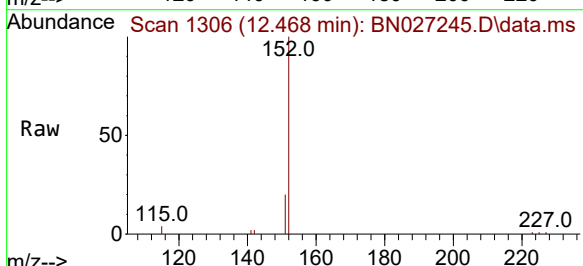
Acq: 29 Aug 2023 17:22

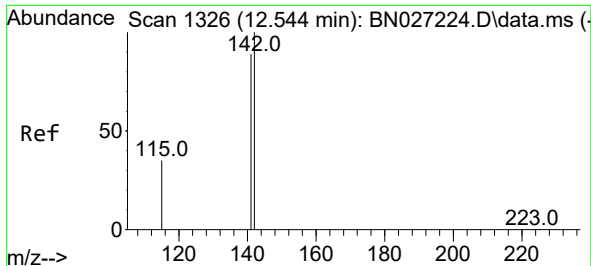
Tgt Ion:152 Resp: 7797

Ion Ratio Lower Upper

152 100

151 20.4 16.6 25.0

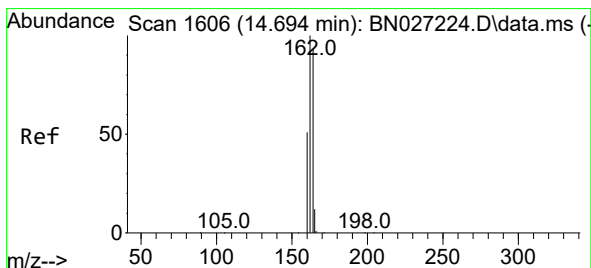
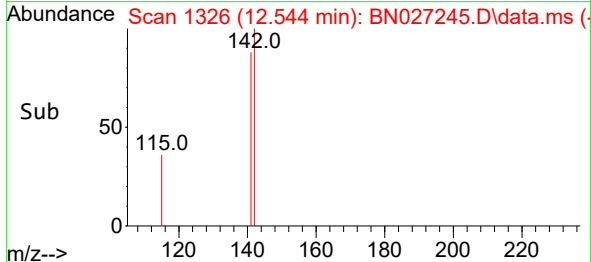
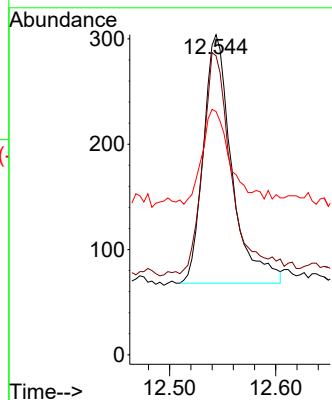
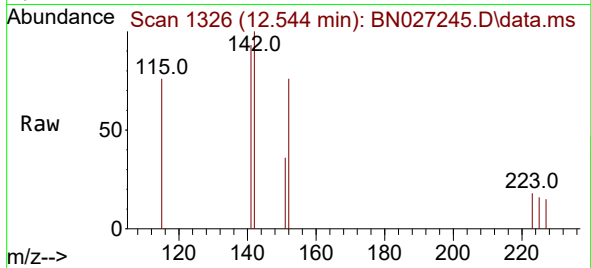




#12
2-Methylnaphthalene
Concen: 0.021 ng
RT: 12.544 min Scan# 11
Delta R.T. 0.000 min
Lab File: BN027245.D
Acq: 29 Aug 2023 17:22

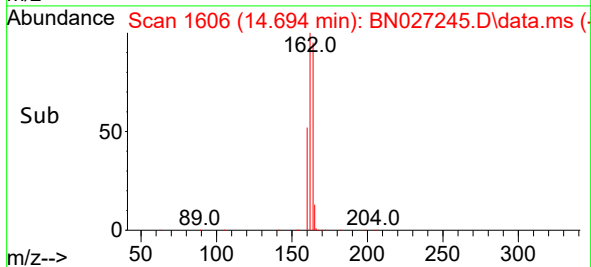
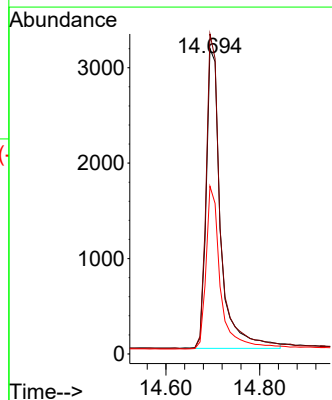
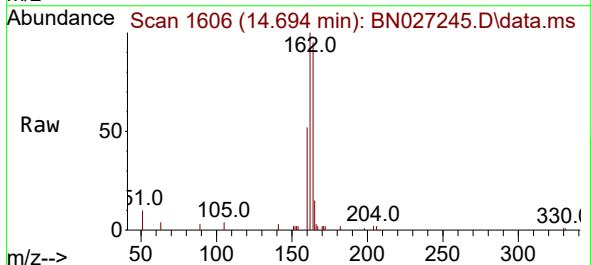
Instrument :
BNA_N
ClientSampleId :
MW305D-20230819

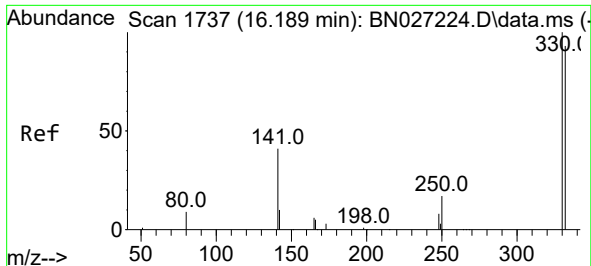
Tgt Ion:142 Resp: 440
Ion Ratio Lower Upper
142 100
141 93.4 71.1 106.7
115 76.0 29.6 44.4#



#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.694 min Scan# 1606
Delta R.T. 0.000 min
Lab File: BN027245.D
Acq: 29 Aug 2023 17:22

Tgt Ion:164 Resp: 6745
Ion Ratio Lower Upper
164 100
162 104.8 85.8 128.8
160 54.9 44.2 66.2

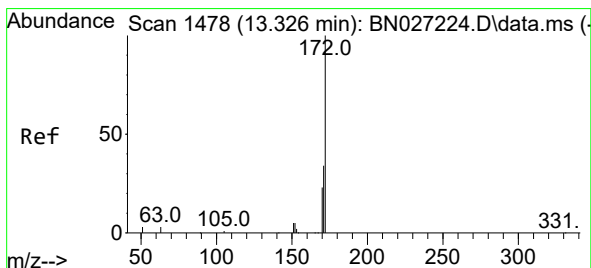
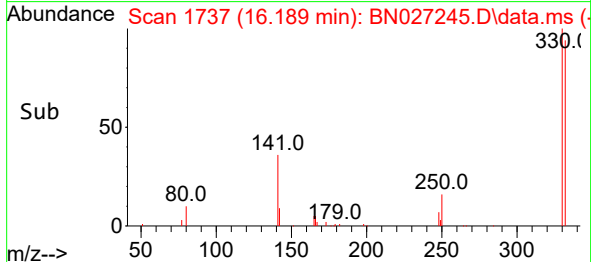
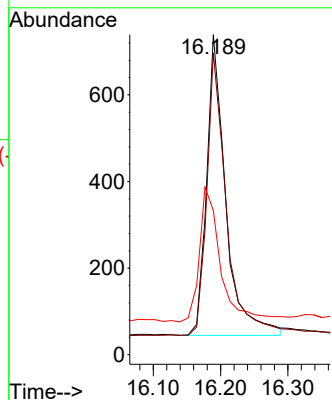
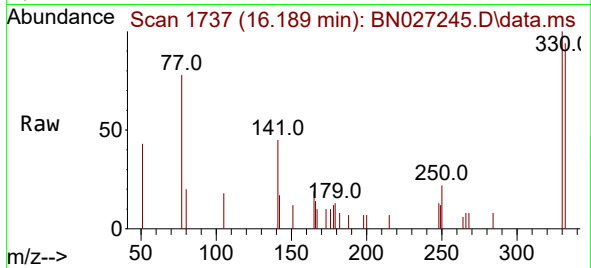




#14
2,4,6-Tribromophenol
Concen: 0.548 ng
RT: 16.189 min Scan# 11
Delta R.T. 0.000 min
Lab File: BN027245.D
Acq: 29 Aug 2023 17:22

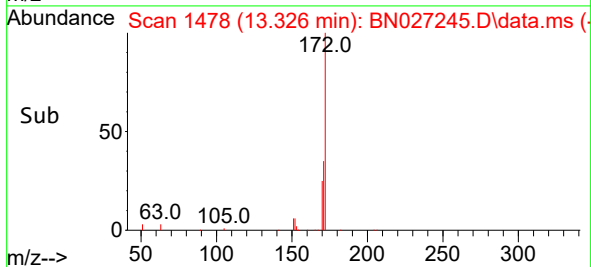
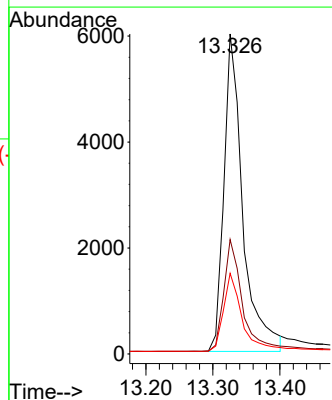
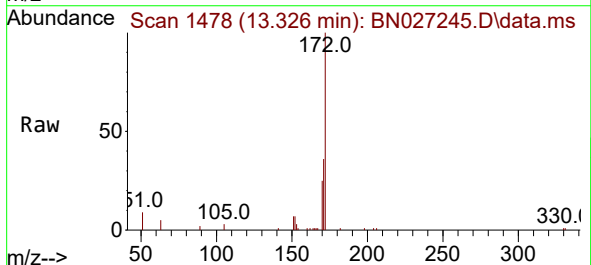
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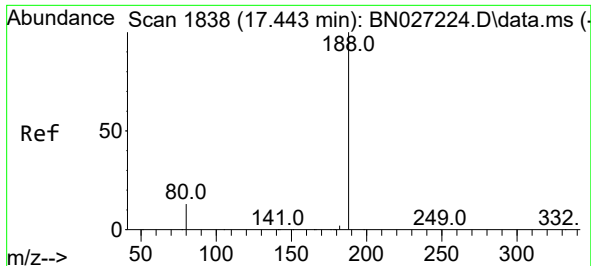
Tgt Ion: 330 Resp: 1369
Ion Ratio Lower Upper
330 100
332 95.4 75.2 112.8
141 48.7 36.2 54.4



#15
2-Fluorobiphenyl
Concen: 0.458 ng
RT: 13.326 min Scan# 1478
Delta R.T. 0.000 min
Lab File: BN027245.D
Acq: 29 Aug 2023 17:22

Tgt Ion: 172 Resp: 11742
Ion Ratio Lower Upper
172 100
171 35.8 27.8 41.8
170 25.2 19.3 28.9

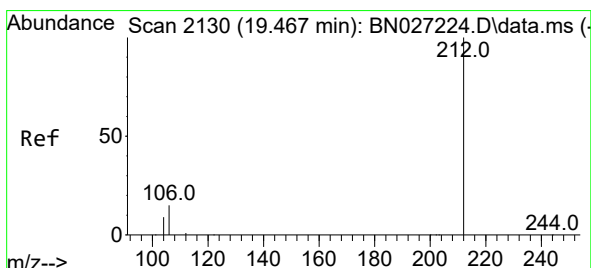
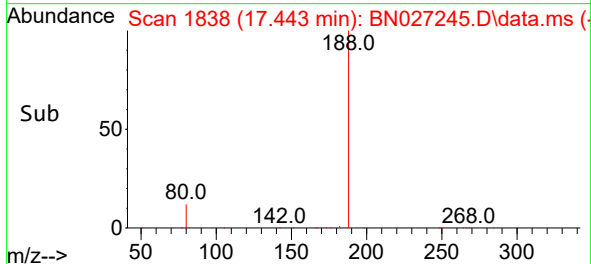
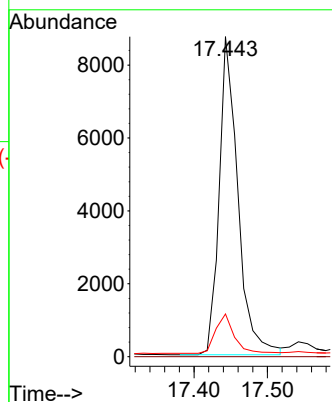
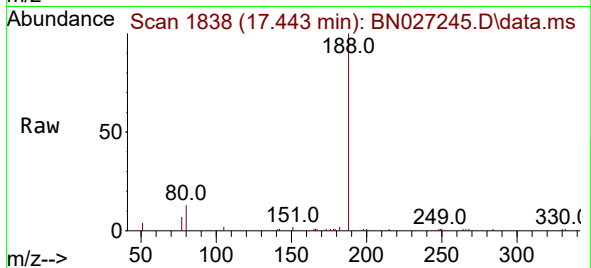




#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.443 min Scan# 1838
Delta R.T. 0.000 min
Lab File: BN027245.D
Acq: 29 Aug 2023 17:22

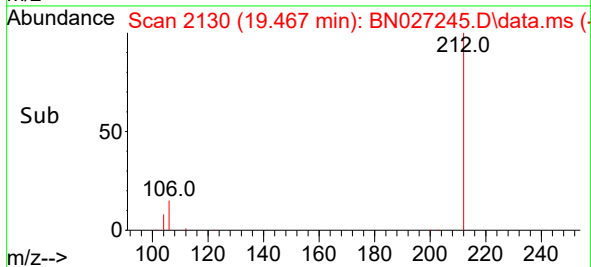
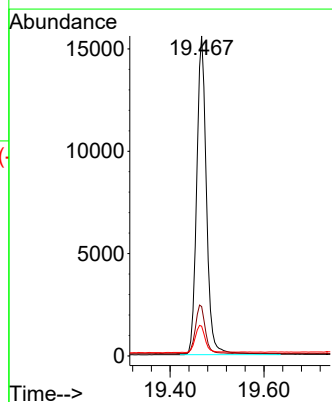
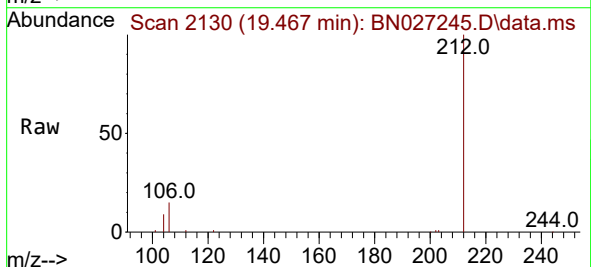
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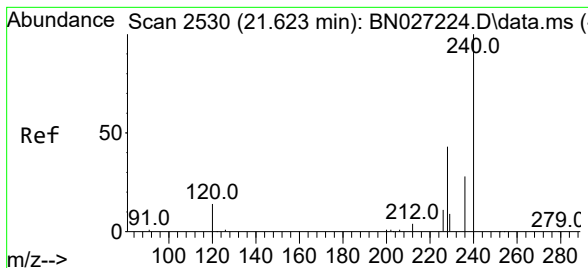
Tgt Ion:188 Resp: 15452
Ion Ratio Lower Upper
188 100
94 0.0 0.0 0.0
80 13.4 11.0 16.6



#27
Fluoranthene-d10
Concen: 0.586 ng
RT: 19.467 min Scan# 2130
Delta R.T. 0.000 min
Lab File: BN027245.D
Acq: 29 Aug 2023 17:22

Tgt Ion:212 Resp: 22522
Ion Ratio Lower Upper
212 100
106 15.4 12.1 18.1
104 9.0 6.9 10.3





#29

Chrysene-d12

Concen: 0.400 ng

RT: 21.623 min Scan# 21

Delta R.T. 0.000 min

Lab File: BN027245.D

Acq: 29 Aug 2023 17:22

Instrument :

BNA_N

ClientSampleId :

MW305D-20230819

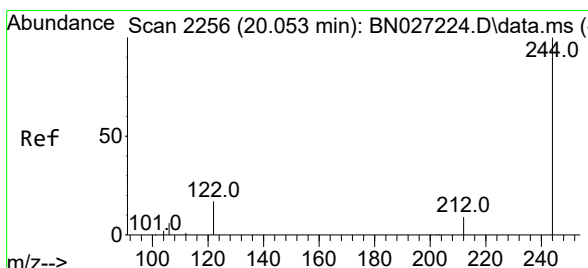
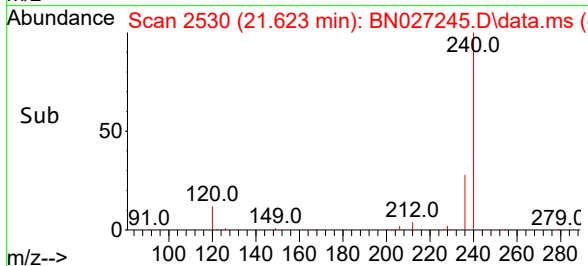
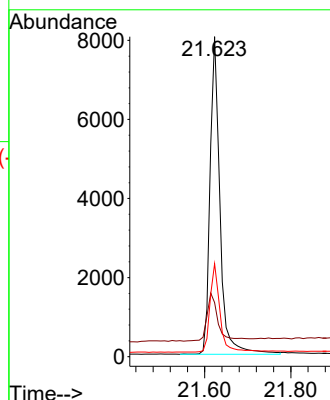
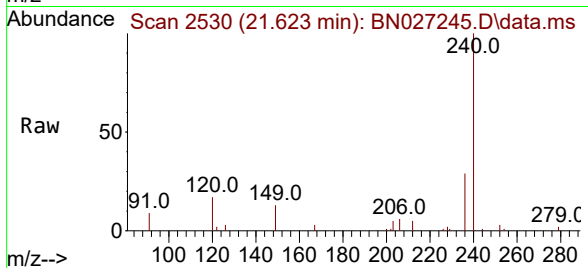
Tgt Ion:240 Resp: 12917

Ion Ratio Lower Upper

240 100

120 16.9 14.2 21.4

236 29.1 22.9 34.3



#31

Terphenyl-d14

Concen: 0.642 ng

RT: 20.053 min Scan# 2256

Delta R.T. 0.000 min

Lab File: BN027245.D

Acq: 29 Aug 2023 17:22

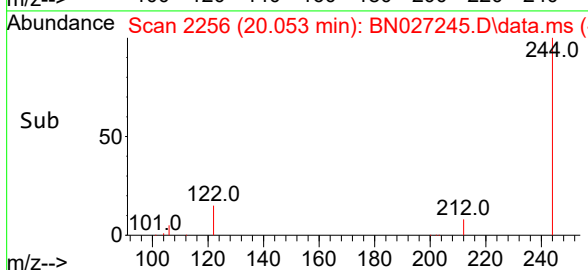
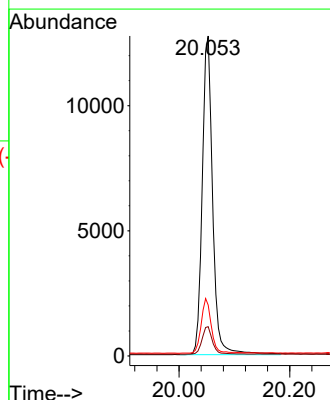
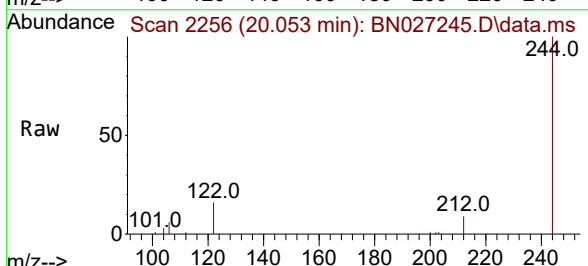
Tgt Ion:244 Resp: 16668

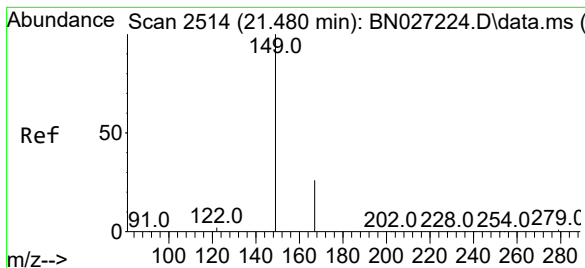
Ion Ratio Lower Upper

244 100

212 9.1 7.5 11.3

122 15.9 14.0 21.0

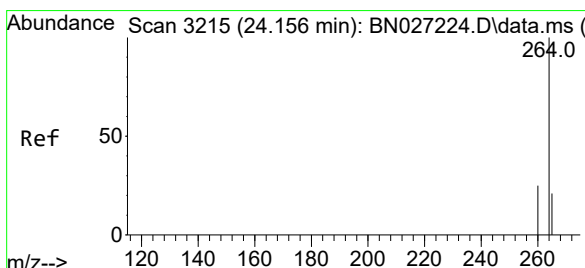
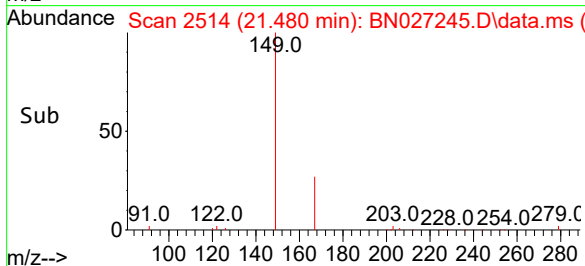
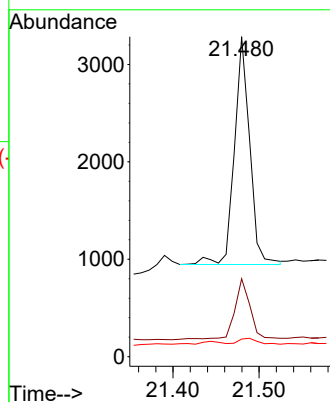
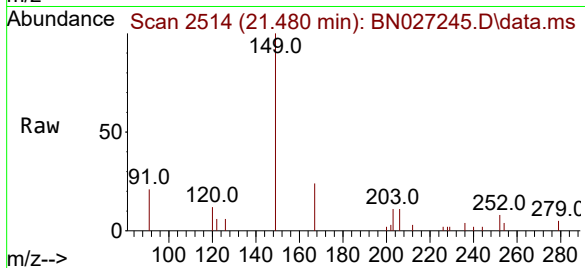




#34
 Bis(2-ethylhexyl)phthalate
 Concen: 0.136 ng
 RT: 21.480 min Scan# 214
 Delta R.T. 0.000 min
 Lab File: BN027245.D
 Acq: 29 Aug 2023 17:22

Instrument :
 BNA_N
 ClientSampleId :
 MW305D-20230819

Tgt Ion:149 Resp: 2901
 Ion Ratio Lower Upper
 149 100
 167 27.6 22.1 33.1
 279 3.0 2.7 4.1



#35
 Perylene-d12
 Concen: 0.400 ng
 RT: 24.154 min Scan# 3214
 Delta R.T. -0.003 min
 Lab File: BN027245.D
 Acq: 29 Aug 2023 17:22

Tgt Ion:264 Resp: 11920
 Ion Ratio Lower Upper
 264 100
 260 26.9 20.7 31.1
 265 78.9 53.3 79.9

