

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN082523\
 Data File : BN027200.D
 Acq On : 27 Aug 2023 21:54
 Operator : MA/JU
 Sample : 04051-02
 Misc :
 ALS Vial : 91 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 RE109D2-20230816

Quant Time: Aug 28 00:45:52 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)

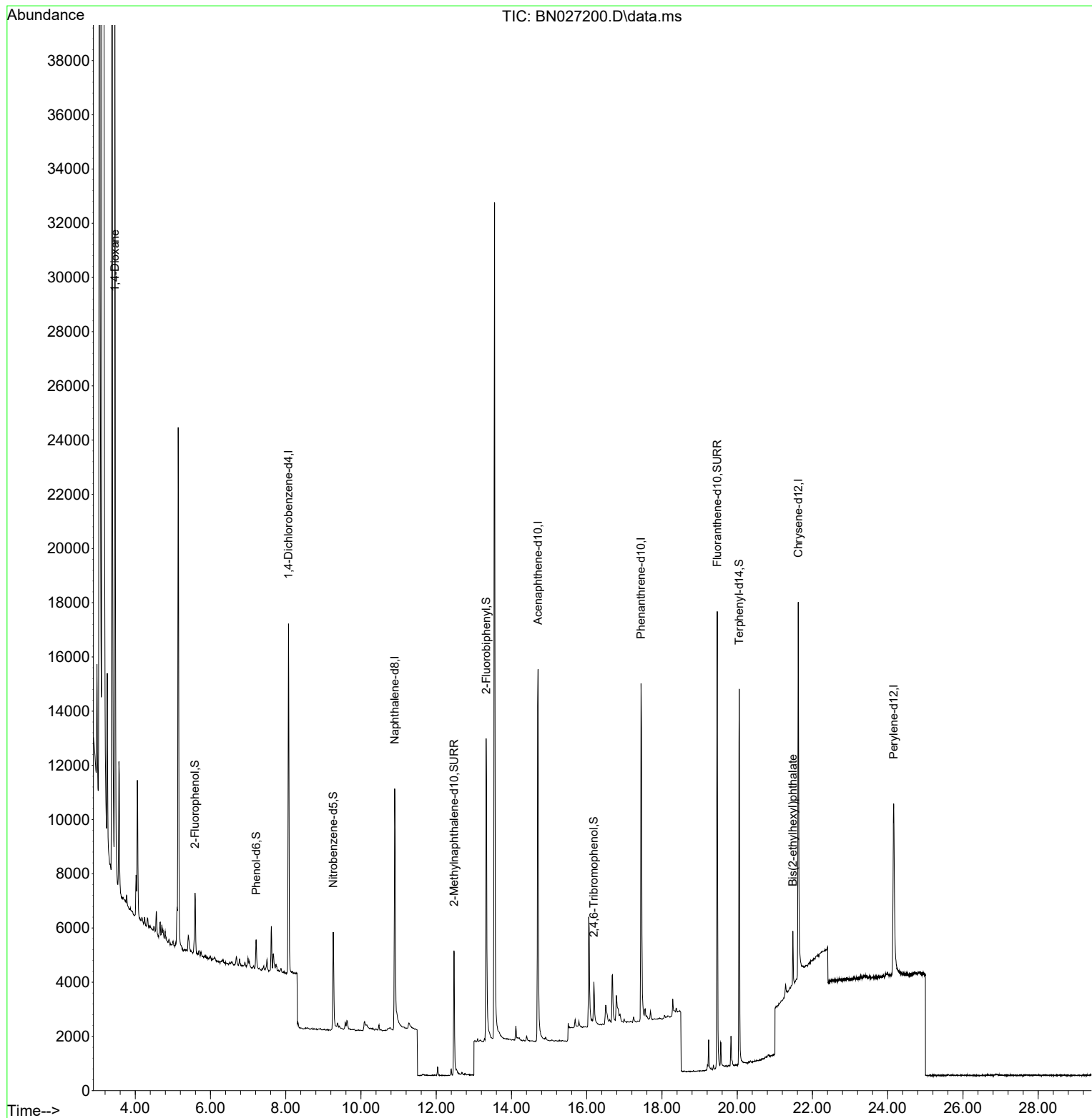
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.073	152	6236	0.400	ng	-0.01
7) Naphthalene-d8	10.896	136	14492	0.400	ng	#-0.01
13) Acenaphthene-d10	14.705	164	9364	0.400	ng	0.00
19) Phenanthrene-d10	17.443	188	20598	0.400	ng	#-0.01
29) Chrysene-d12	21.623	240	14887	0.400	ng	# 0.00
35) Perylene-d12	24.157	264	12441	0.400	ng	#-0.01
System Monitoring Compounds						
4) 2-Fluorophenol	5.589	112	1863	0.106	ng	-0.01
5) Phenol-d6	7.214	99	1186	0.055	ng	0.00
8) Nitrobenzene-d5	9.262	82	3352	0.274	ng	-0.01
11) 2-Methylnaphthalene-d10	12.472	152	7383	0.321	ng	-0.01
14) 2,4,6-Tribromophenol	16.189	330	1025	0.206	ng	-0.01
15) 2-Fluorobiphenyl	13.326	172	11689	0.336	ng	-0.01
27) Fluoranthene-d10	19.467	212	19462	0.368	ng	0.00
31) Terphenyl-d14	20.053	244	14517	0.467	ng	0.00
Target Compounds						
2) 1,4-Dioxane	3.458	88	21963	3.275	ng	# 96
34) Bis(2-ethylhexyl)phtha...	21.480	149	1989	0.051	ng	# 96

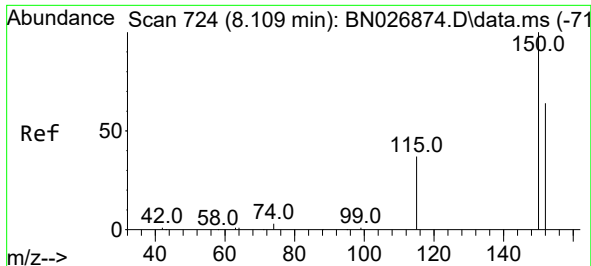
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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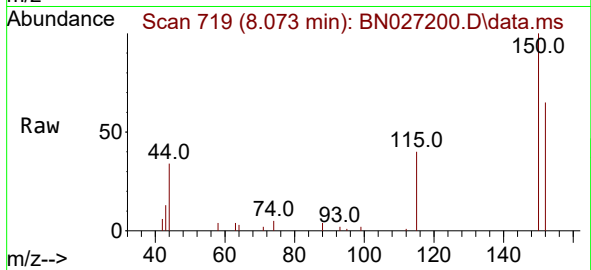
Quant Time: Aug 28 00:45:52 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN081123.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Sat Aug 26 02:13:59 2023
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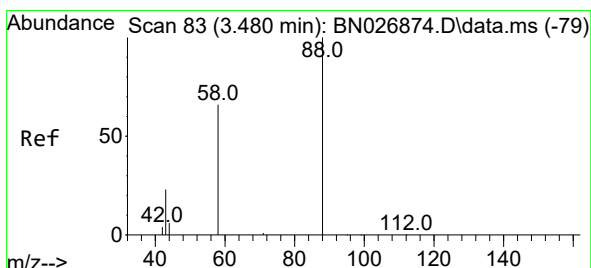
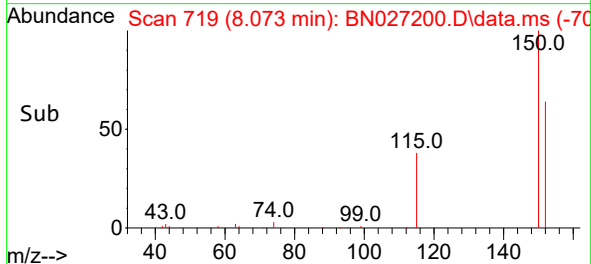
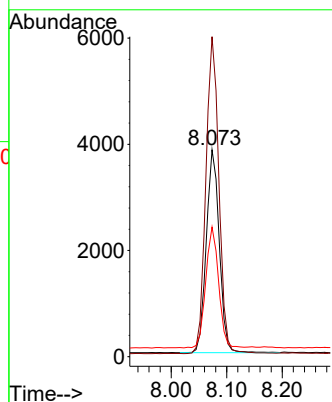


#1
 1,4-Dichlorobenzene-d4
 Concen: 0.400 ng
 RT: 8.073 min Scan# 71
 Delta R.T. -0.015 min
 Lab File: BN027200.D
 Acq: 27 Aug 2023 21:54

Instrument :
 BNA_N
 ClientSampleId :
 RE109D2-20230816

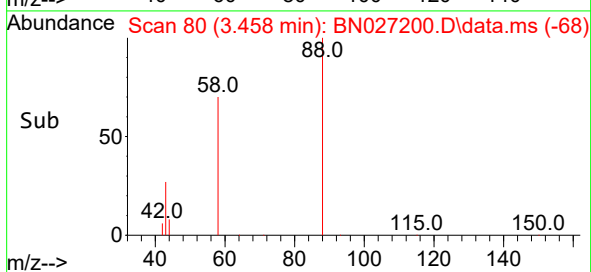
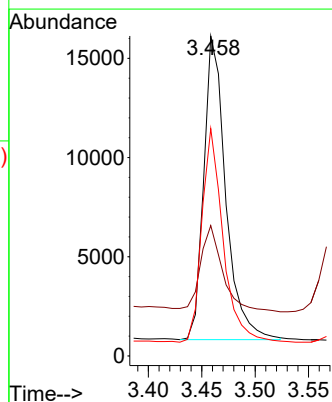
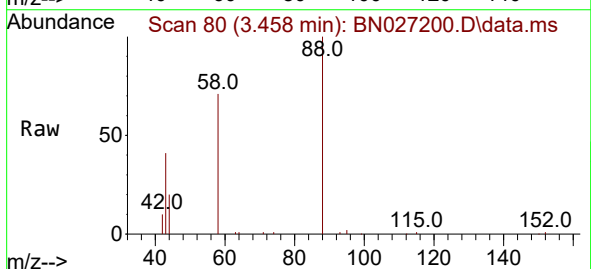


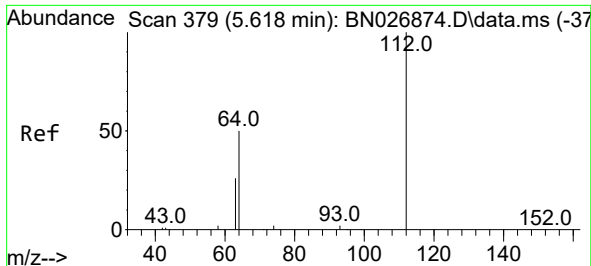
Tgt Ion:152 Resp: 6236
 Ion Ratio Lower Upper
 152 100
 150 154.7 123.8 185.6
 115 62.6 49.7 74.5



#2
 1,4-Dioxane
 Concen: 3.275 ng
 RT: 3.458 min Scan# 80
 Delta R.T. -0.014 min
 Lab File: BN027200.D
 Acq: 27 Aug 2023 21:54

Tgt Ion: 88 Resp: 21963
 Ion Ratio Lower Upper
 88 100
 43 29.2 19.2 28.8#
 58 67.1 54.5 81.7

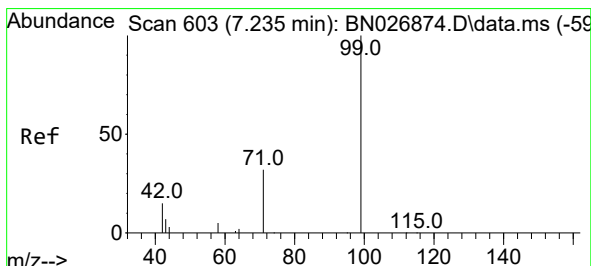
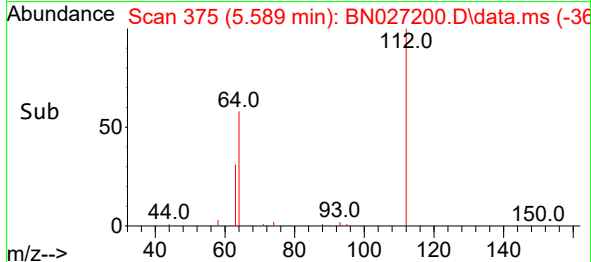
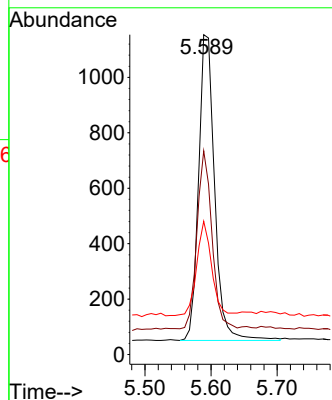
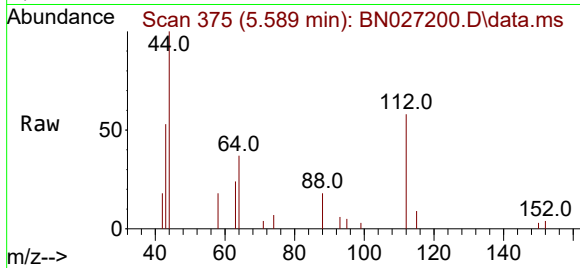




#4
2-Fluorophenol
Concen: 0.106 ng
RT: 5.589 min Scan# 31
Delta R.T. -0.014 min
Lab File: BN027200.D
Acq: 27 Aug 2023 21:54

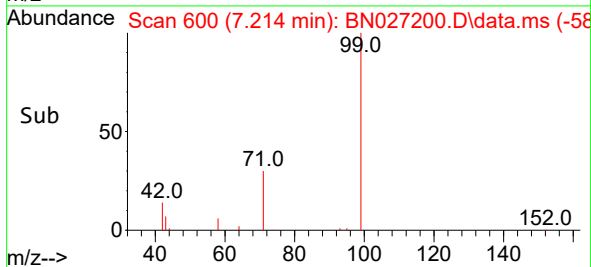
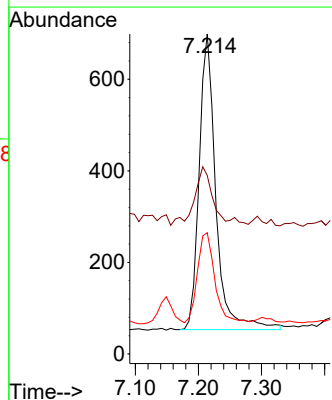
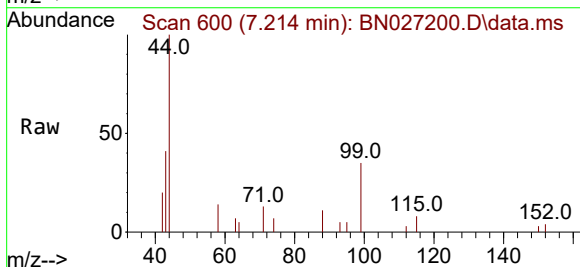
Instrument :
BNA_N
ClientSampleId :
RE109D2-20230816

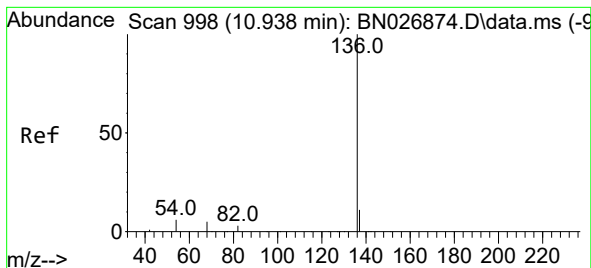
Tgt Ion:112 Resp: 1863
Ion Ratio Lower Upper
112 100
64 54.8 41.5 62.3
63 28.6 21.7 32.5



#5
Phenol-d6
Concen: 0.055 ng
RT: 7.214 min Scan# 600
Delta R.T. -0.007 min
Lab File: BN027200.D
Acq: 27 Aug 2023 21:54

Tgt Ion: 99 Resp: 1186
Ion Ratio Lower Upper
99 100
42 21.4 13.6 20.4#
71 31.5 26.0 39.0





#7

Naphthalene-d8

Concen: 0.400 ng

RT: 10.896 min Scan# 998

Delta R.T. -0.010 min

Lab File: BN027200.D

Acq: 27 Aug 2023 21:54

Instrument :

BNA_N

ClientSampleId :

RE109D2-20230816

Tgt Ion:136 Resp: 14492

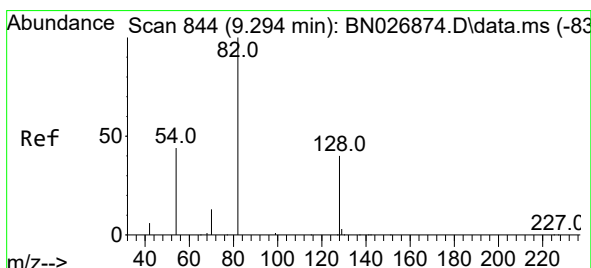
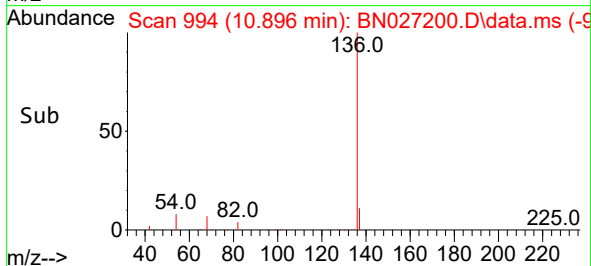
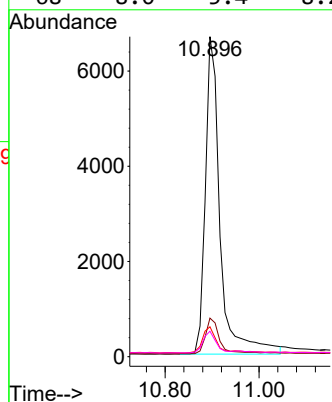
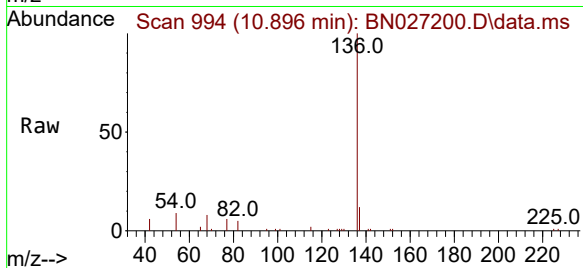
Ion Ratio Lower Upper

136 100

137 12.0 9.0 13.6

54 9.4 5.5 8.3#

68 8.0 5.4 8.2



#8

Nitrobenzene-d5

Concen: 0.274 ng

RT: 9.262 min Scan# 841

Delta R.T. -0.010 min

Lab File: BN027200.D

Acq: 27 Aug 2023 21:54

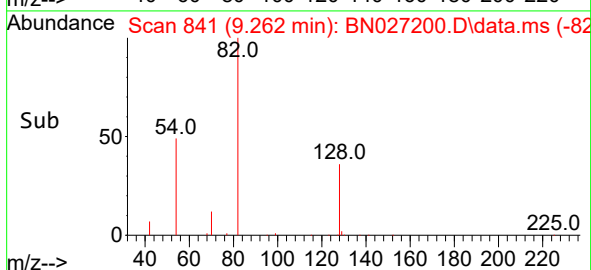
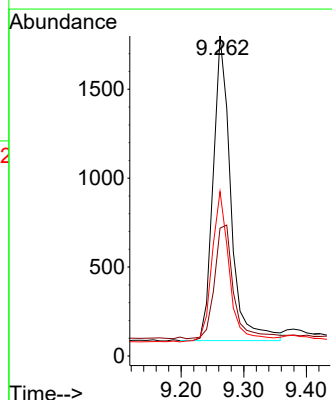
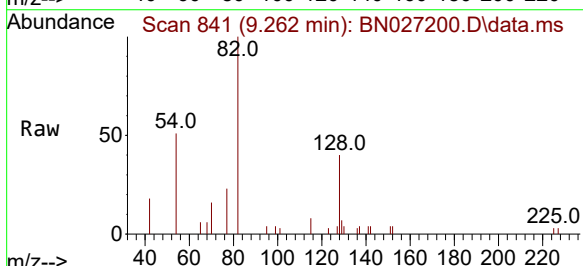
Tgt Ion: 82 Resp: 3352

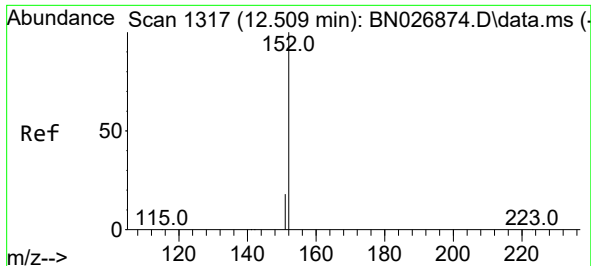
Ion Ratio Lower Upper

82 100

128 39.9 34.1 51.1

54 51.4 37.0 55.4

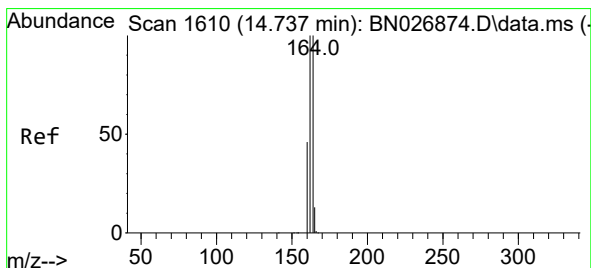
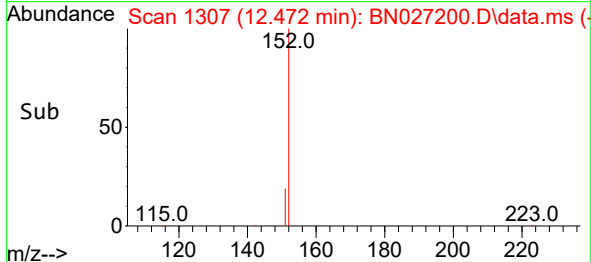
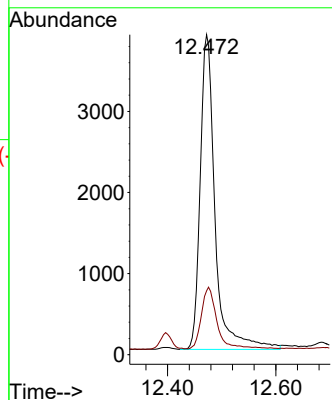
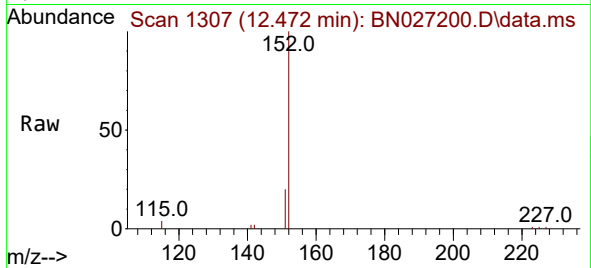




#11
2-Methylnaphthalene-d10
Concen: 0.321 ng
RT: 12.472 min Scan# 11
Delta R.T. -0.011 min
Lab File: BN027200.D
Acq: 27 Aug 2023 21:54

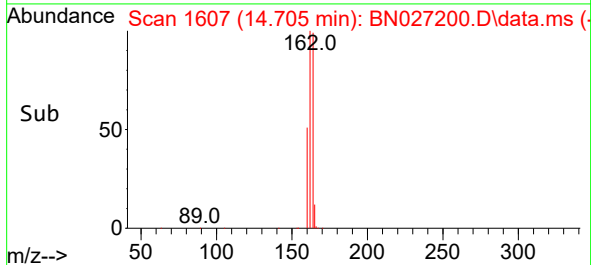
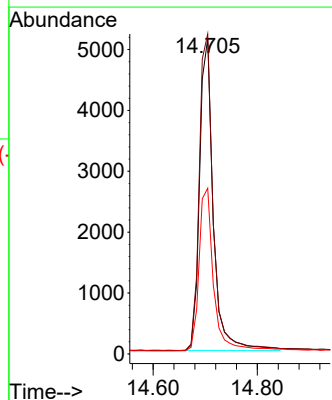
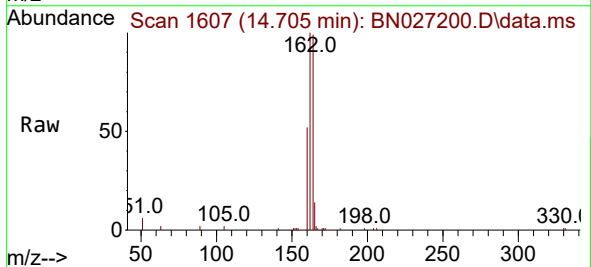
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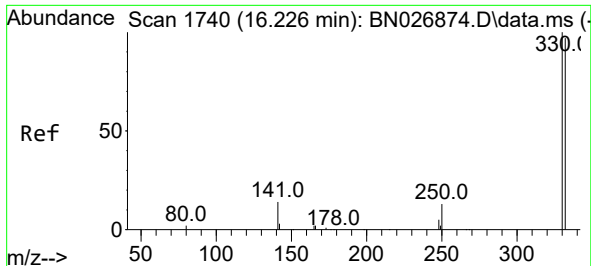
Tgt Ion:152 Resp: 7383
Ion Ratio Lower Upper
152 100
151 20.6 16.3 24.5



#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.705 min Scan# 1607
Delta R.T. 0.000 min
Lab File: BN027200.D
Acq: 27 Aug 2023 21:54

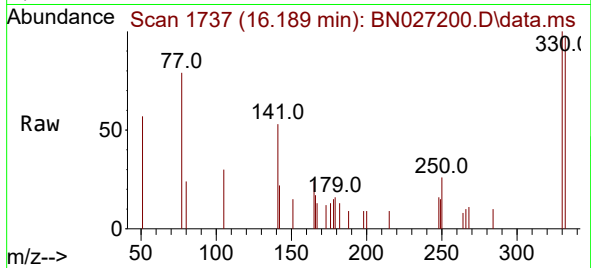
Tgt Ion:164 Resp: 9364
Ion Ratio Lower Upper
164 100
162 101.4 79.7 119.5
160 52.5 37.4 56.0



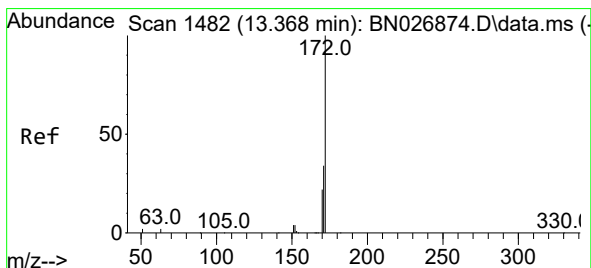
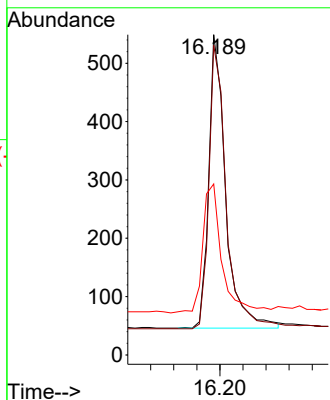
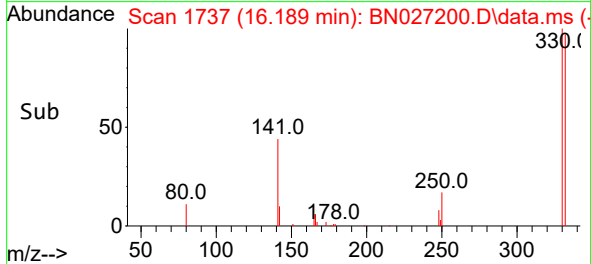


#14
2,4,6-Tribromophenol
Concen: 0.206 ng
RT: 16.189 min Scan# 11
Delta R.T. -0.012 min
Lab File: BN027200.D
Acq: 27 Aug 2023 21:54

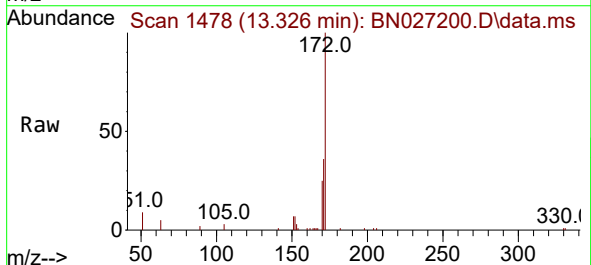
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BNA_N
ClientSampleId :
RE109D2-20230816



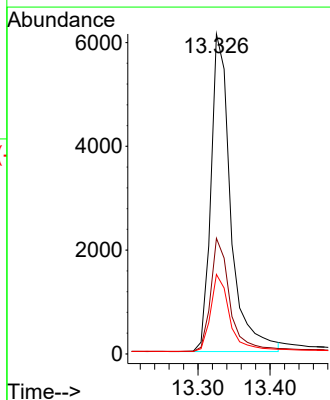
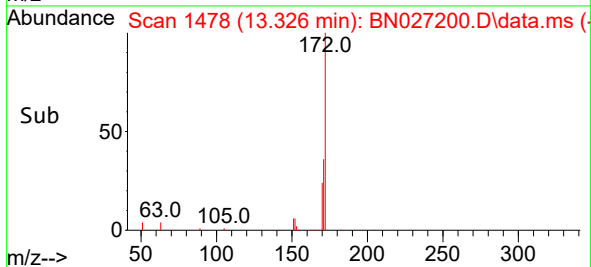
Tgt Ion:330 Resp: 1025
Ion Ratio Lower Upper
330 100
332 98.4 76.6 114.8
141 47.5 32.3 48.5

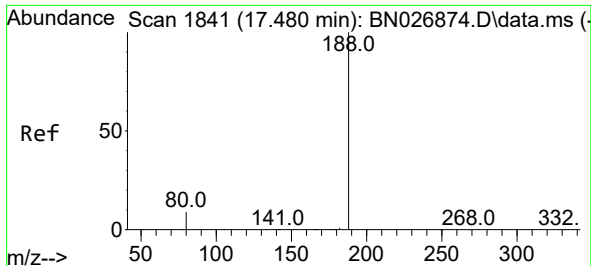


#15
2-Fluorobiphenyl
Concen: 0.336 ng
RT: 13.326 min Scan# 1478
Delta R.T. -0.010 min
Lab File: BN027200.D
Acq: 27 Aug 2023 21:54



Tgt Ion:172 Resp: 11689
Ion Ratio Lower Upper
172 100
171 36.1 27.4 41.0
170 24.9 18.0 27.0

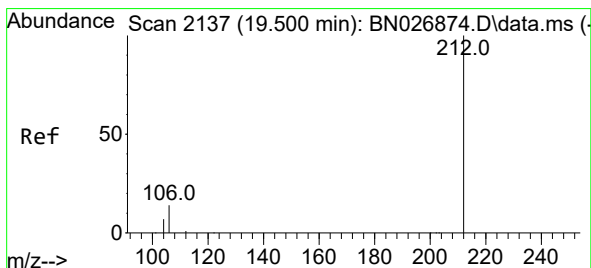
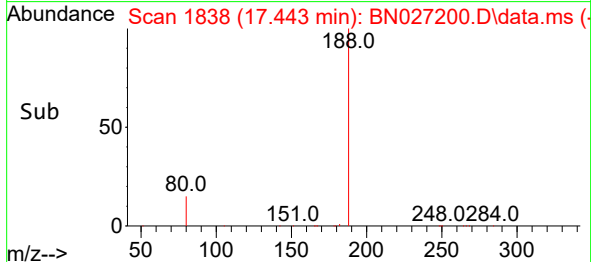
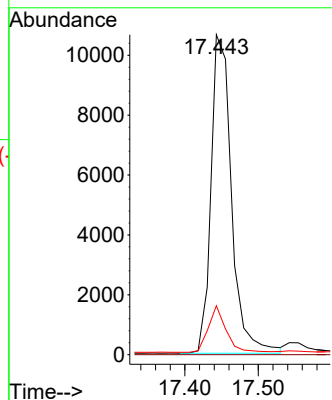
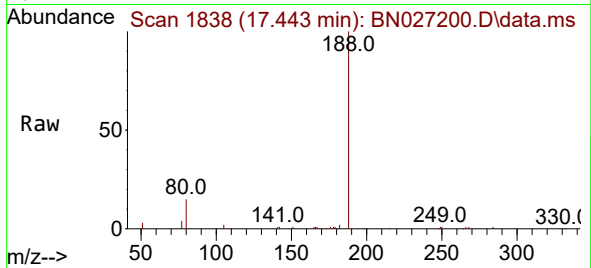




#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.443 min Scan# 11
Delta R.T. -0.012 min
Lab File: BN027200.D
Acq: 27 Aug 2023 21:54

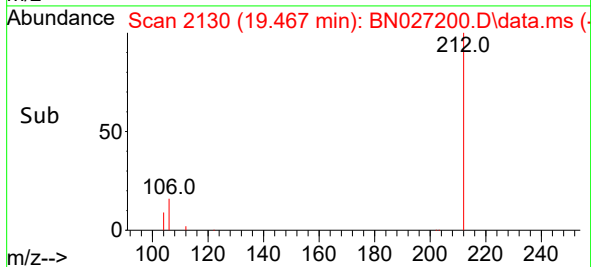
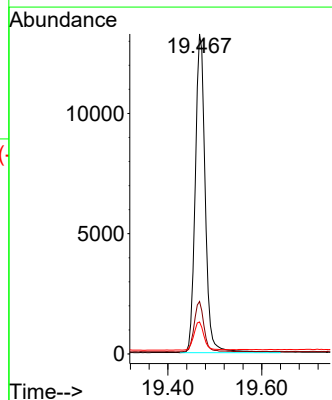
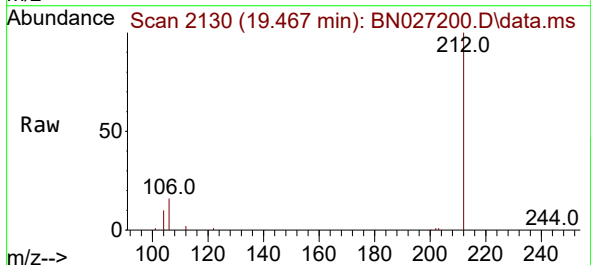
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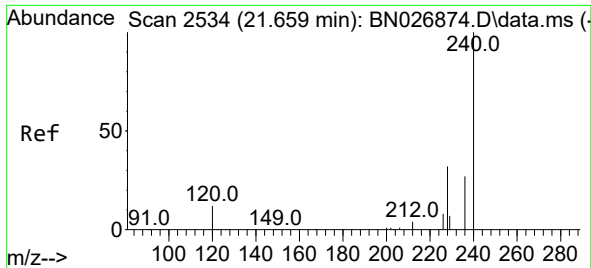
Tgt Ion:188 Resp: 20598
Ion Ratio Lower Upper
188 100
94 0.0 0.0 0.0
80 15.3 7.4 11.2#



#27
Fluoranthene-d10
Concen: 0.368 ng
RT: 19.467 min Scan# 2130
Delta R.T. -0.009 min
Lab File: BN027200.D
Acq: 27 Aug 2023 21:54

Tgt Ion:212 Resp: 19462
Ion Ratio Lower Upper
212 100
106 15.6 10.9 16.3
104 8.9 5.9 8.9#

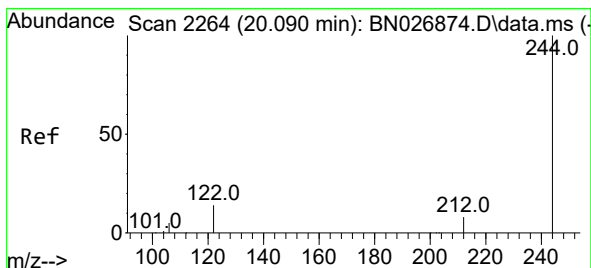
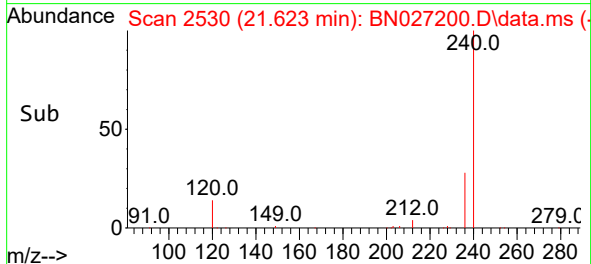
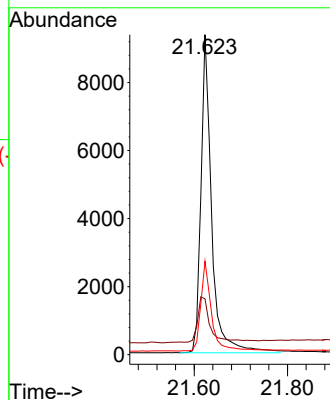
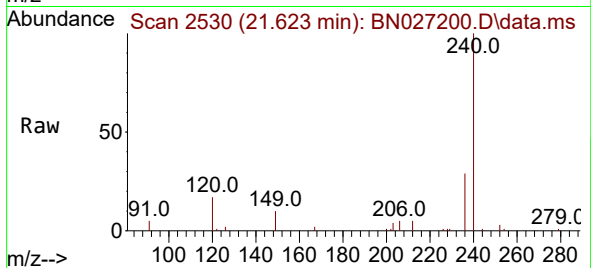




#29
Chrysene-d12
Concen: 0.400 ng
RT: 21.623 min Scan# 21623
Delta R.T. -0.009 min
Lab File: BN027200.D
Acq: 27 Aug 2023 21:54

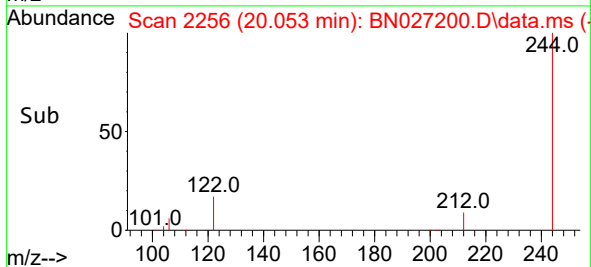
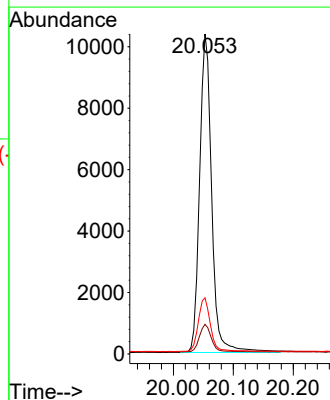
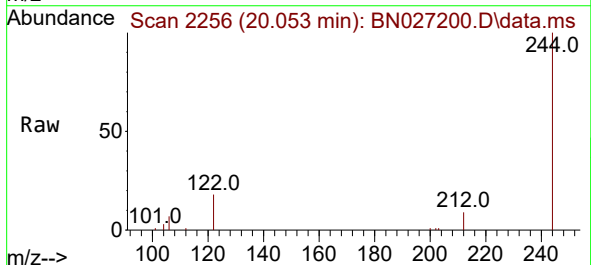
Instrument :
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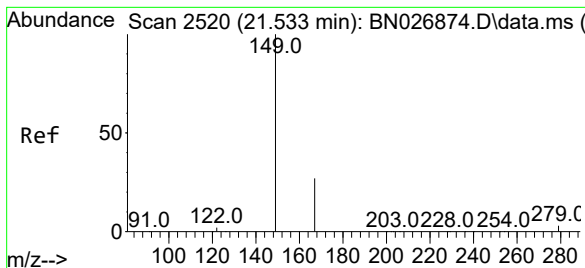
Tgt Ion:240 Resp: 14887
Ion Ratio Lower Upper
240 100
120 17.4 11.1 16.7#
236 29.2 22.2 33.2



#31
Terphenyl-d14
Concen: 0.467 ng
RT: 20.053 min Scan# 2256
Delta R.T. -0.009 min
Lab File: BN027200.D
Acq: 27 Aug 2023 21:54

Tgt Ion:244 Resp: 14517
Ion Ratio Lower Upper
244 100
212 9.2 6.9 10.3
122 17.6 11.9 17.9

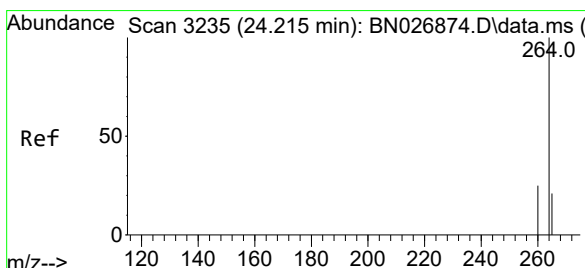
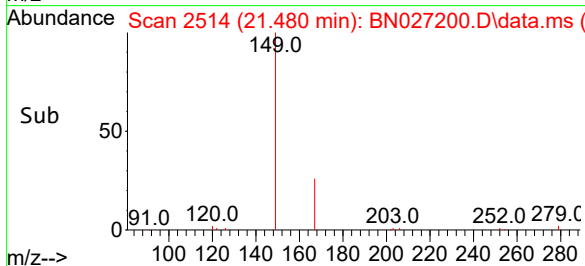
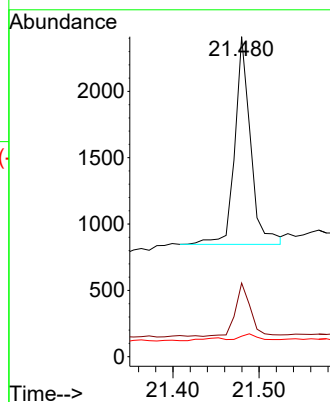
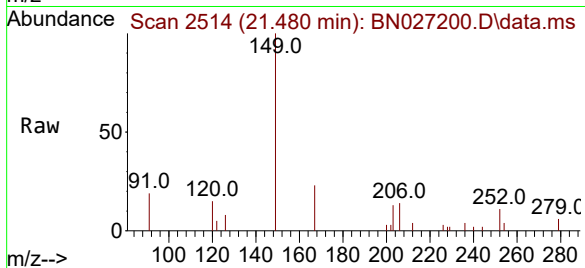




#34
 Bis(2-ethylhexyl)phthalate
 Concen: 0.051 ng
 RT: 21.480 min Scan# 2149
 Delta R.T. -0.018 min
 Lab File: BN027200.D
 Acq: 27 Aug 2023 21:54

Instrument :
 BNA_N
 ClientSampleId :
 RE109D2-20230816

Tgt Ion:149 Resp: 1989
 Ion Ratio Lower Upper
 149 100
 167 24.8 21.4 32.0
 279 3.0 3.6 5.4#



#35
 Perylene-d12
 Concen: 0.400 ng
 RT: 24.157 min Scan# 3215
 Delta R.T. -0.014 min
 Lab File: BN027200.D
 Acq: 27 Aug 2023 21:54

Tgt Ion:264 Resp: 12441
 Ion Ratio Lower Upper
 264 100
 260 26.7 20.4 30.6
 265 79.6 27.0 40.6#

