

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN083023\
 Data File : BN027355.D
 Acq On : 01 Sep 2023 21:38
 Operator : MA/JU
 Sample : 04208-01DL 5X
 Misc :
 ALS Vial : 136 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 MW-10B-45-082823-HDL

Quant Time: Sep 02 01:55:36 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN082923.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Sep 01 09:08:53 2023
 Response via : Initial Calibration

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

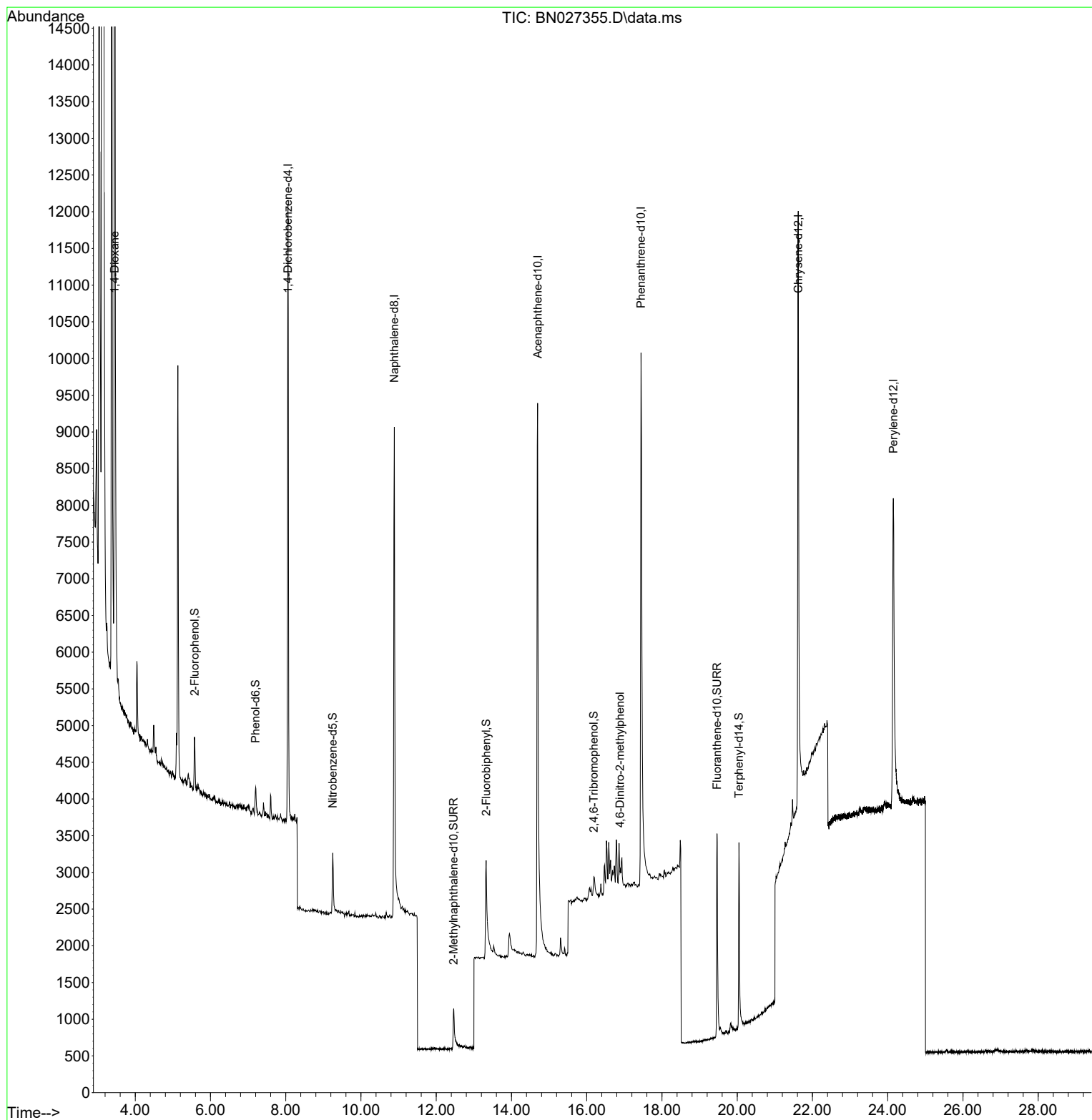
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.059	152	4294	0.400	ng	0.00
7) Naphthalene-d8	10.885	136	11176	0.400	ng	0.00
13) Acenaphthene-d10	14.694	164	7176	0.400	ng	0.01
19) Phenanthrene-d10	17.443	188	17073	0.400	ng	0.01
29) Chrysene-d12	21.623	240	11870	0.400	ng	0.00
35) Perylene-d12	24.150	264	9446	0.400	ng	# 0.01
System Monitoring Compounds						
4) 2-Fluorophenol	5.582	112	652	0.058	ng	0.00
5) Phenol-d6	7.199	99	462	0.034	ng	0.00
8) Nitrobenzene-d5	9.251	82	842	0.103	ng	0.00
11) 2-Methylnaphthalene-d10	12.464	152	1279	0.078	ng	0.00
14) 2,4,6-Tribromophenol	16.189	330	290	0.109	ng	0.01
15) 2-Fluorobiphenyl	13.325	172	2244	0.082	ng	0.01
27) Fluoranthene-d10	19.462	212	4299	0.101	ng	0.00
31) Terphenyl-d14	20.048	244	3276	0.137	ng	0.00
Target Compounds						
2) 1,4-Dioxane	3.451	88	19141	3.651	ng	Qvalue 95
20) 4,6-Dinitro-2-methylph...	16.884	198	5	0.021	ng	# 1

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

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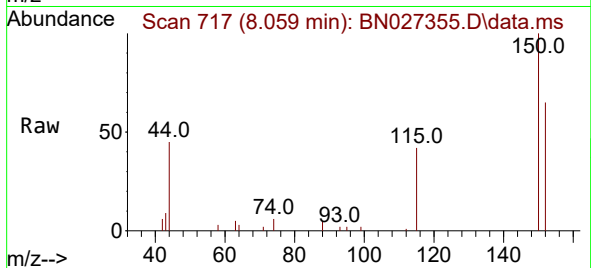
Quant Time: Sep 02 01:55:36 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN082923.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Sep 01 09:08:53 2023
Response via : Initial Calibration



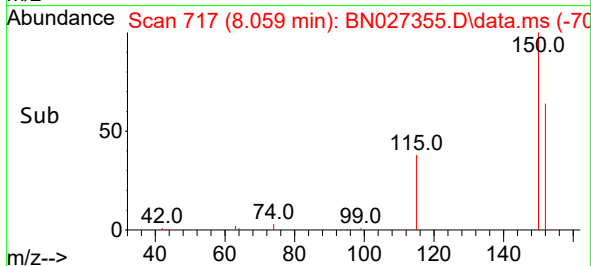
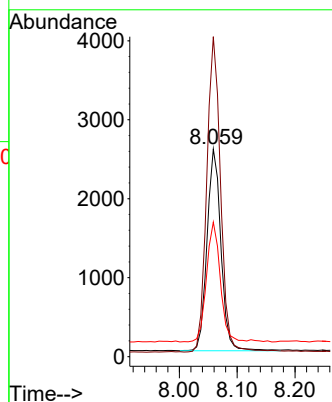


#1
 1,4-Dichlorobenzene-d4
 Concen: 0.400 ng
 RT: 8.059 min Scan# 71
 Delta R.T. -0.000 min
 Lab File: BN027355.D
 Acq: 01 Sep 2023 21:38

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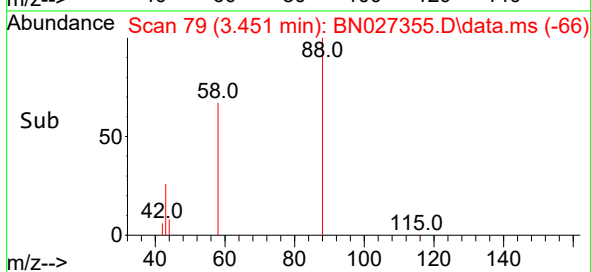
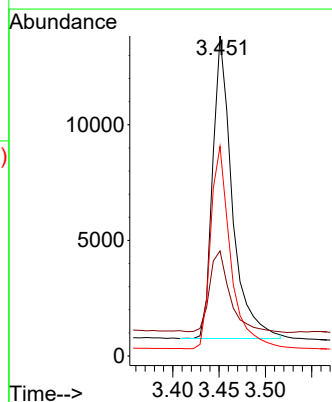
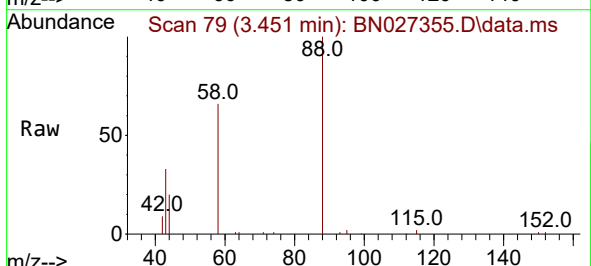


Tgt Ion:152 Resp: 4294
 Ion Ratio Lower Upper
 152 100
 150 154.1 122.7 184.1
 115 64.8 48.6 73.0



#2
 1,4-Dioxane
 Concen: 3.651 ng
 RT: 3.451 min Scan# 79
 Delta R.T. -0.007 min
 Lab File: BN027355.D
 Acq: 01 Sep 2023 21:38

Tgt Ion: 88 Resp: 19141
 Ion Ratio Lower Upper
 88 100
 43 27.7 19.1 28.7
 58 68.7 52.2 78.2





#4

2-Fluorophenol

Concen: 0.058 ng

RT: 5.582 min Scan# 31

Delta R.T. 0.007 min

Lab File: BN027355.D

Acq: 01 Sep 2023 21:38

Instrument :

BNA_N

ClientSampleId :

MW-10B-45-082823-HDL

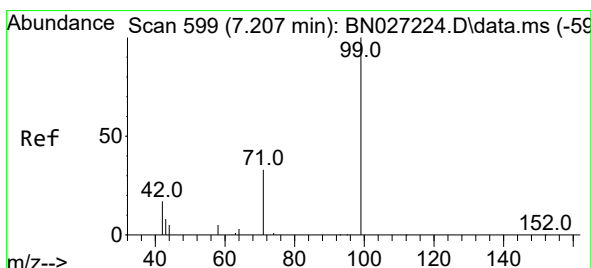
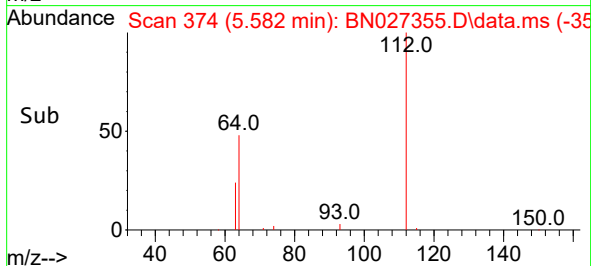
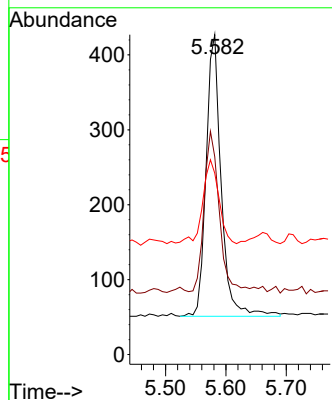
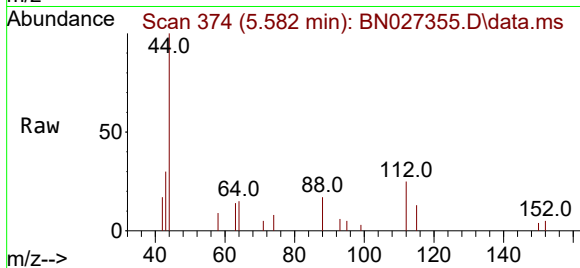
Tgt Ion:112 Resp: 652

Ion Ratio Lower Upper

112 100

64 56.4 44.4 66.6

63 31.7 23.1 34.7



#5

Phenol-d6

Concen: 0.034 ng

RT: 7.199 min Scan# 598

Delta R.T. 0.000 min

Lab File: BN027355.D

Acq: 01 Sep 2023 21:38

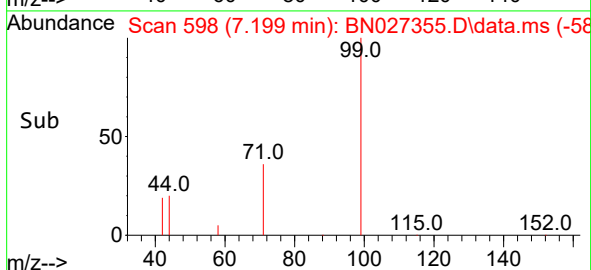
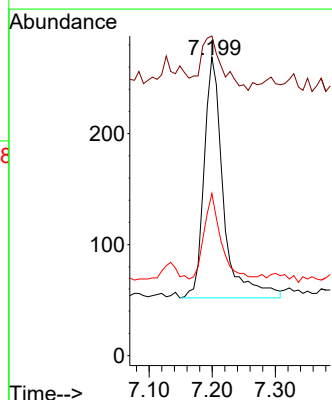
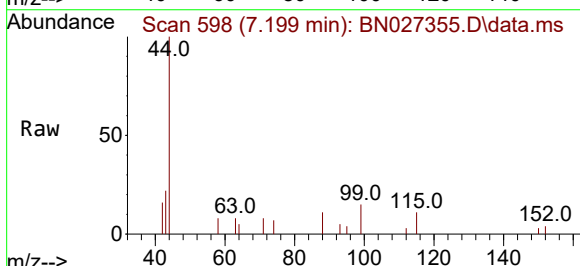
Tgt Ion: 99 Resp: 462

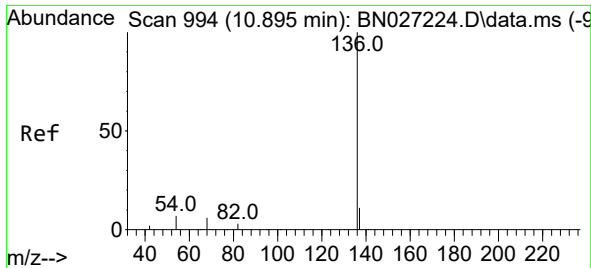
Ion Ratio Lower Upper

99 100

42 24.9 14.5 21.7#

71 30.7 25.8 38.6

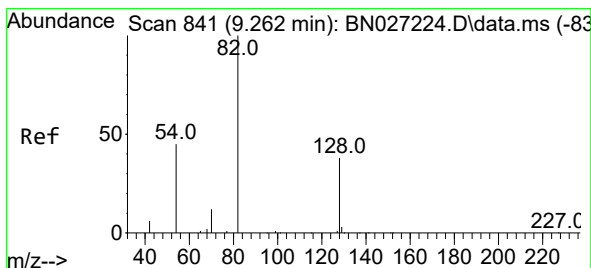
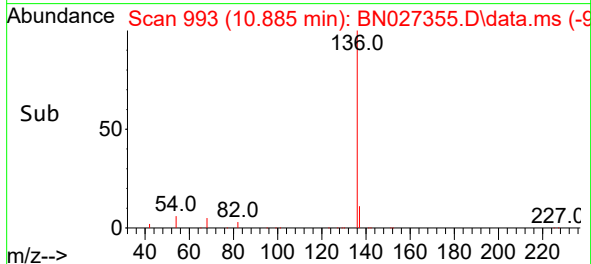
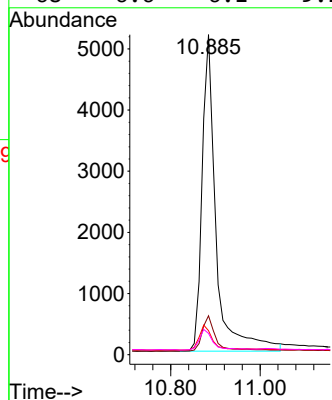
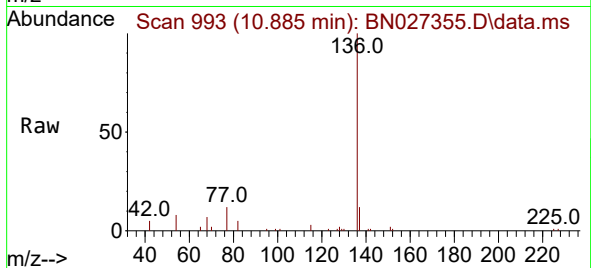




#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.885 min Scan# 994
Delta R.T. 0.000 min
Lab File: BN027355.D
Acq: 01 Sep 2023 21:38

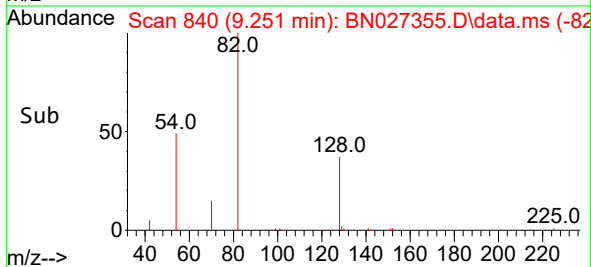
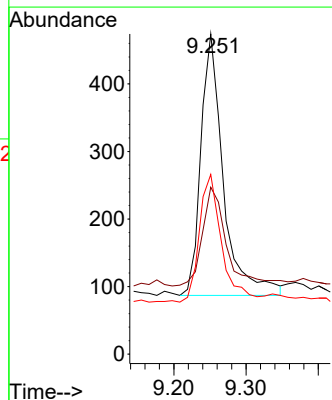
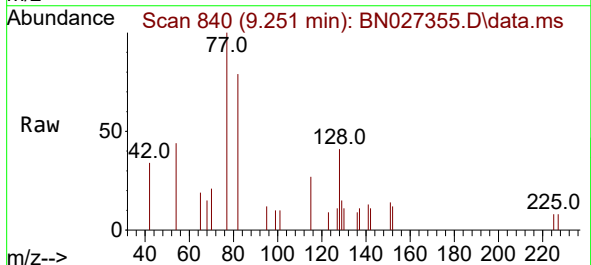
Instrument :
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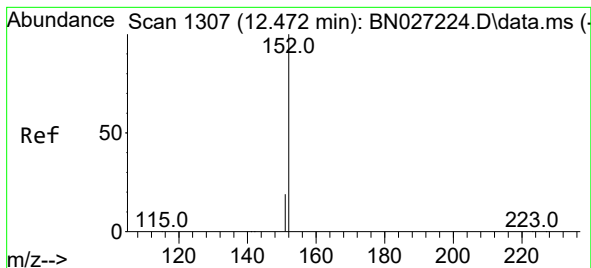
Tgt Ion:	136	Resp:	11176
Ion	Ratio	Lower	Upper
136	100		
137	12.1	9.3	13.9
54	7.5	6.7	10.1
68	6.6	6.1	9.1



#8
Nitrobenzene-d5
Concen: 0.103 ng
RT: 9.251 min Scan# 840
Delta R.T. 0.000 min
Lab File: BN027355.D
Acq: 01 Sep 2023 21:38

Tgt Ion:	82	Resp:	842
Ion	Ratio	Lower	Upper
82	100		
128	52.1	33.4	50.0#
54	56.1	37.7	56.5

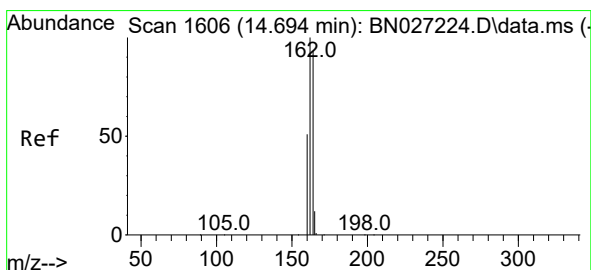
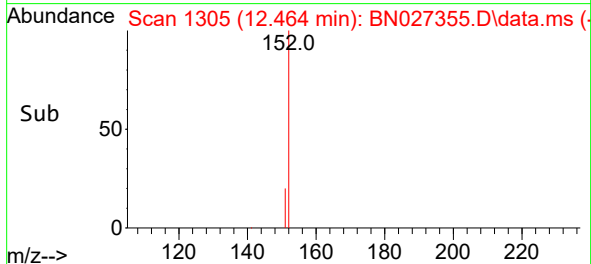
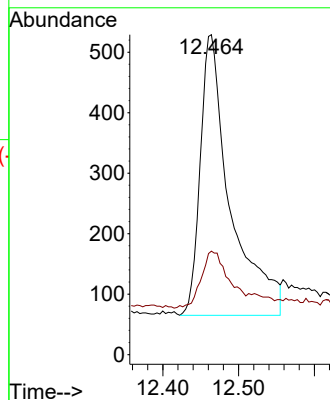
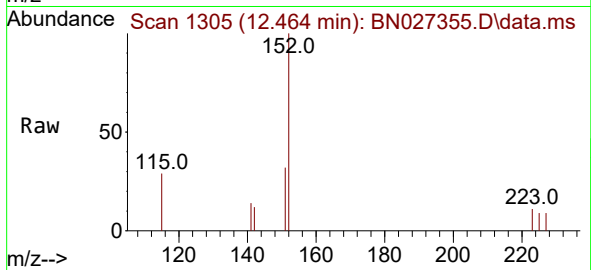




#11
2-Methylnaphthalene-d10
Concen: 0.078 ng
RT: 12.464 min Scan# 1305
Delta R.T. 0.008 min
Lab File: BN027355.D
Acq: 01 Sep 2023 21:38

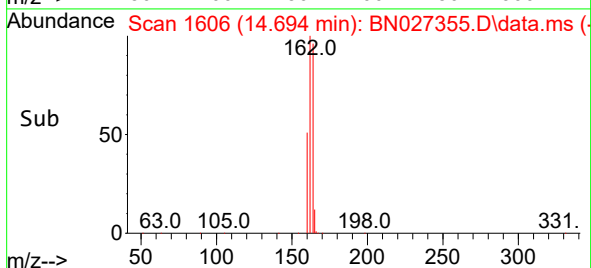
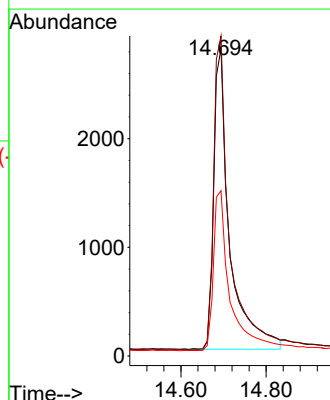
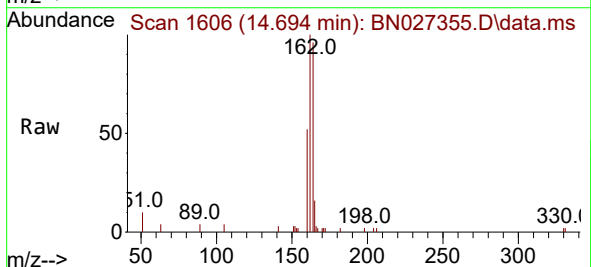
Instrument :
BNA_N
ClientSampleId :
MW-10B-45-082823-HDL

Tgt Ion:152 Resp: 1279
Ion Ratio Lower Upper
152 100
151 18.5 16.6 25.0



#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.694 min Scan# 1606
Delta R.T. 0.011 min
Lab File: BN027355.D
Acq: 01 Sep 2023 21:38

Tgt Ion:164 Resp: 7176
Ion Ratio Lower Upper
164 100
162 104.1 85.8 128.8
160 53.7 44.2 66.2





#14

2,4,6-Tribromophenol

Concen: 0.109 ng

RT: 16.189 min Scan# 1737

Delta R.T. 0.012 min

Lab File: BN027355.D

Acq: 01 Sep 2023 21:38

Instrument :

BNA_N

ClientSampleId :

MW-10B-45-082823-HDL

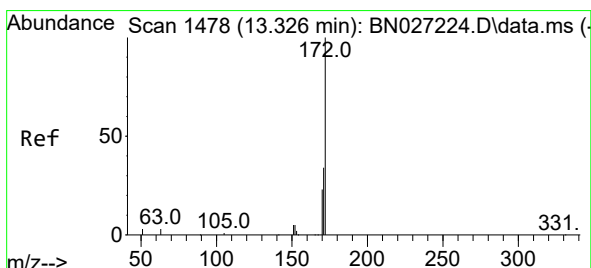
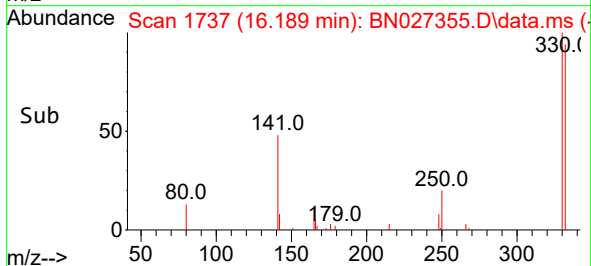
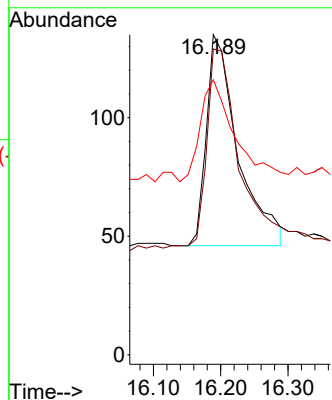
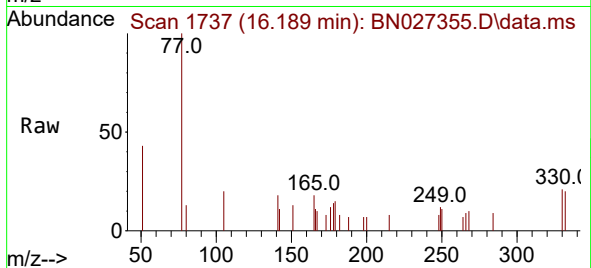
Tgt Ion:330 Resp: 290

Ion Ratio Lower Upper

330 100

332 97.6 75.2 112.8

141 53.1 36.2 54.4



#15

2-Fluorobiphenyl

Concen: 0.082 ng

RT: 13.325 min Scan# 1478

Delta R.T. 0.011 min

Lab File: BN027355.D

Acq: 01 Sep 2023 21:38

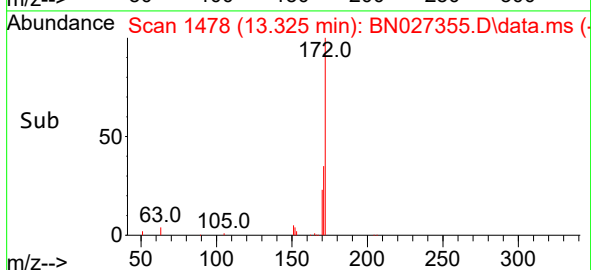
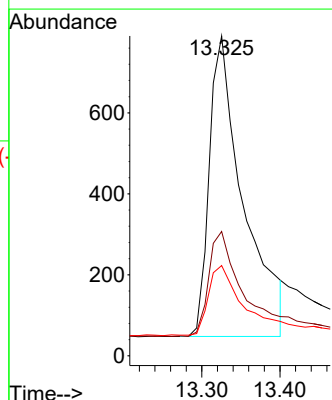
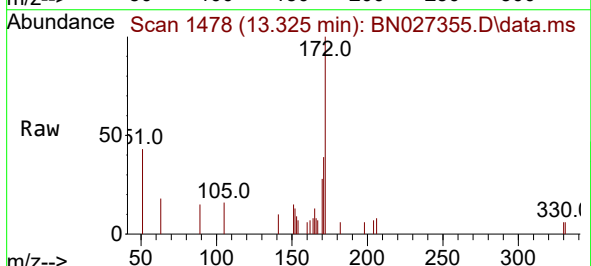
Tgt Ion:172 Resp: 2244

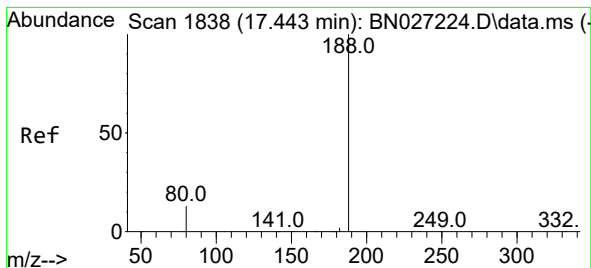
Ion Ratio Lower Upper

172 100

171 38.9 27.8 41.8

170 28.2 19.3 28.9





#19

Phenanthrene-d10

Concen: 0.400 ng

RT: 17.443 min Scan# 11

Delta R.T. 0.012 min

Lab File: BN027355.D

Acq: 01 Sep 2023 21:38

Instrument :

BNA_N

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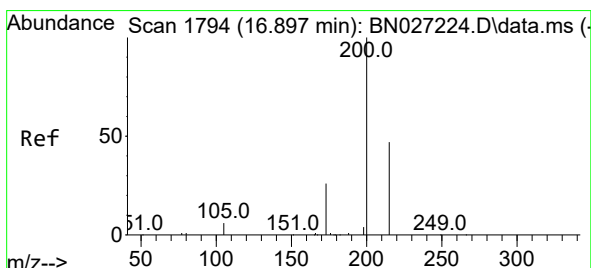
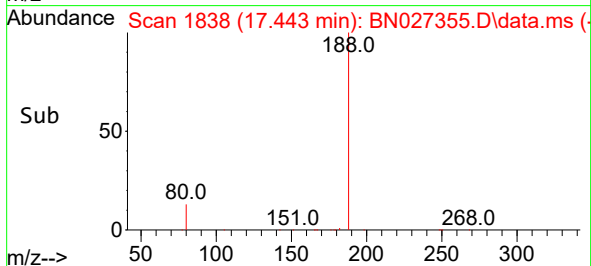
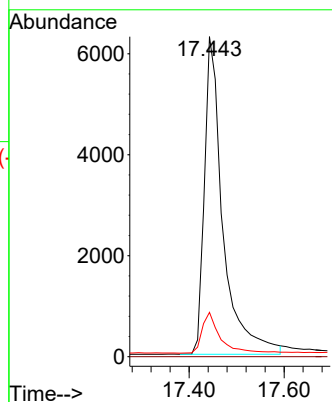
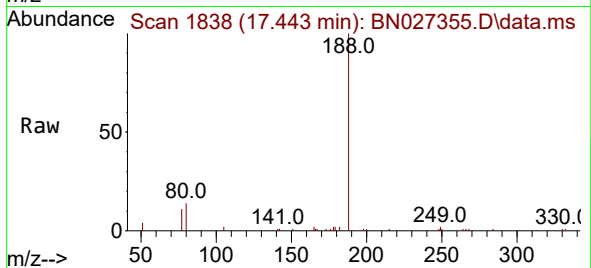
Tgt Ion:188 Resp: 17073

Ion Ratio Lower Upper

188 100

94 0.0 0.0 0.0

80 13.8 11.0 16.6



#20

4,6-Dinitro-2-methylphenol

Concen: 0.021 ng

RT: 16.884 min Scan# 1793

Delta R.T. 0.000 min

Lab File: BN027355.D

Acq: 01 Sep 2023 21:38

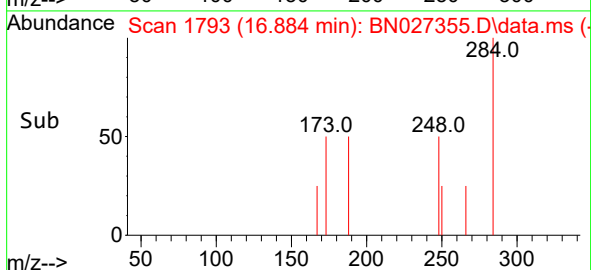
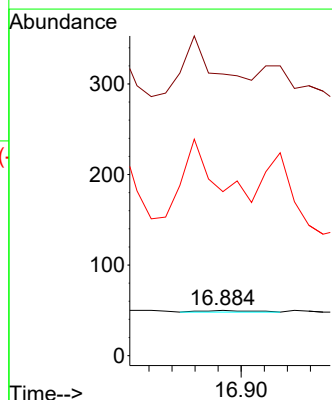
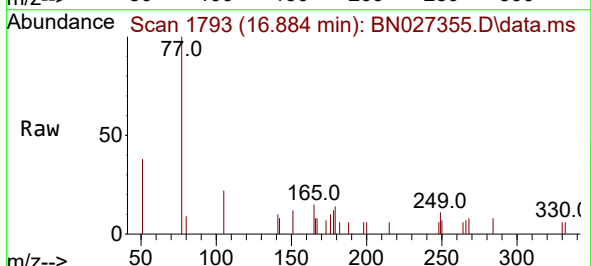
Tgt Ion:198 Resp: 5

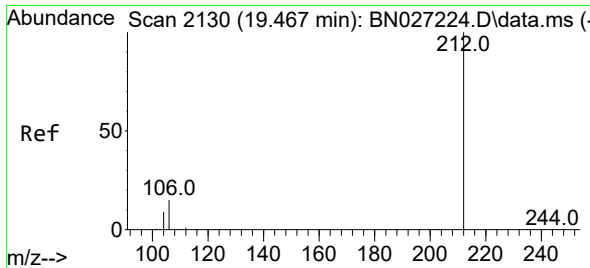
Ion Ratio Lower Upper

198 100

51 622.0 282.2 423.2#

105 362.0 168.7 253.1#

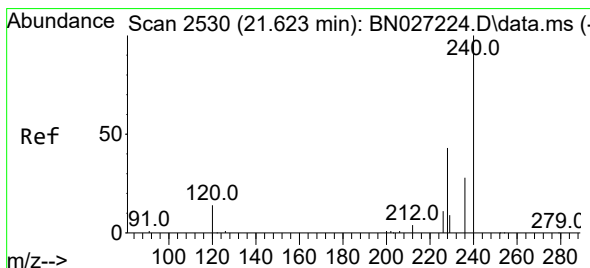
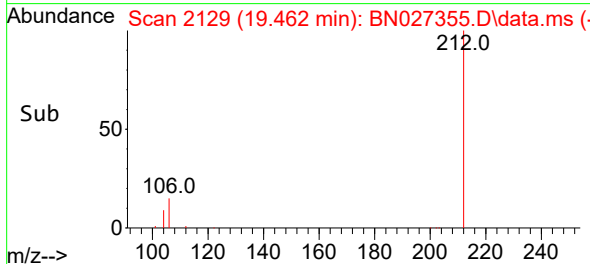
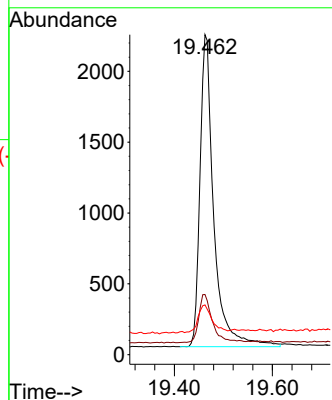
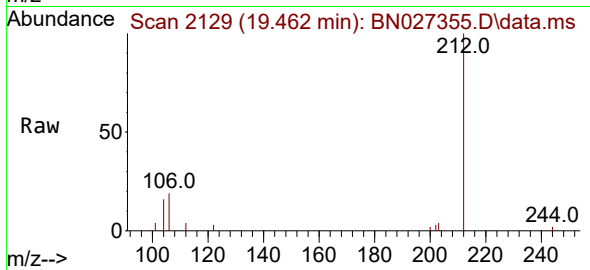




#27
Fluoranthene-d10
Concen: 0.101 ng
RT: 19.462 min Scan# 2130
Delta R.T. 0.005 min
Lab File: BN027355.D
Acq: 01 Sep 2023 21:38

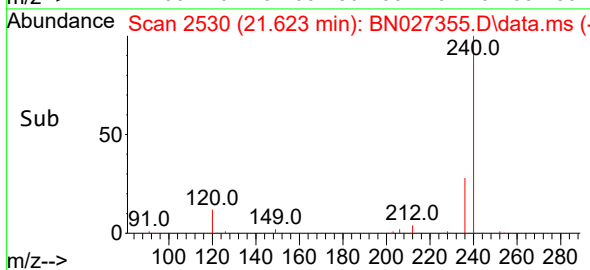
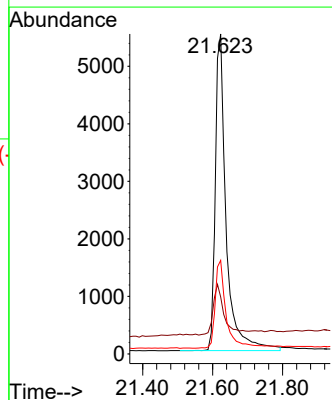
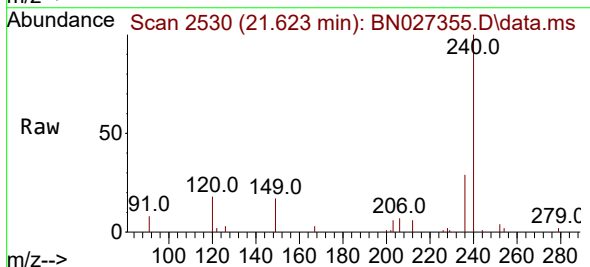
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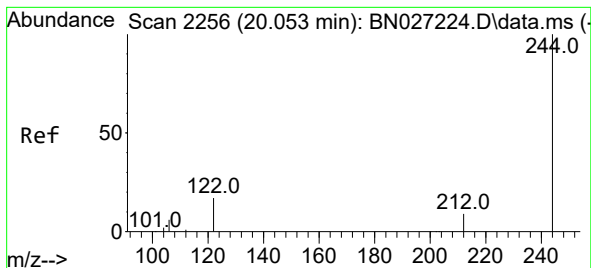
Tgt Ion:212 Resp: 4299
Ion Ratio Lower Upper
212 100
106 15.3 12.1 18.1
104 8.9 6.9 10.3



#29
Chrysene-d12
Concen: 0.400 ng
RT: 21.623 min Scan# 2530
Delta R.T. 0.009 min
Lab File: BN027355.D
Acq: 01 Sep 2023 21:38

Tgt Ion:240 Resp: 11870
Ion Ratio Lower Upper
240 100
120 17.8 14.2 21.4
236 29.3 22.9 34.3





#31

Terphenyl-d14

Concen: 0.137 ng

RT: 20.048 min Scan# 21

Delta R.T. 0.005 min

Lab File: BN027355.D

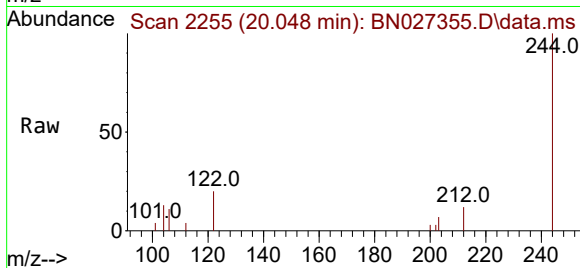
Acq: 01 Sep 2023 21:38

Instrument :

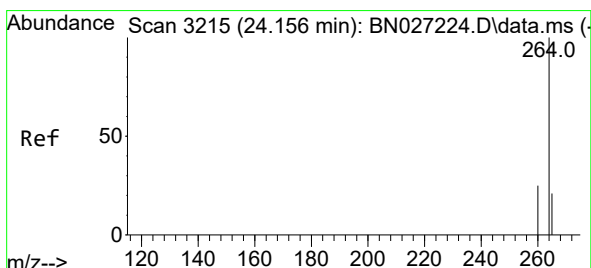
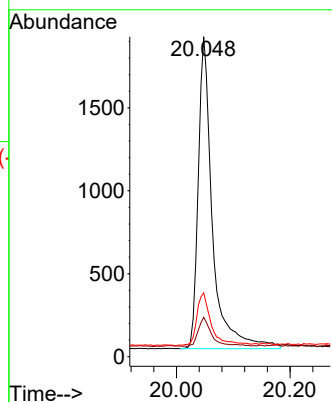
BNA_N

ClientSampleId :

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Tgt Ion:	244	Resp:	3276
Ion Ratio	Lower	Upper	
244	100		
212	12.3	7.5	11.3#
122	20.0	14.0	21.0



#35

Perylene-d12

Concen: 0.400 ng

RT: 24.150 min Scan# 3213

Delta R.T. 0.015 min

Lab File: BN027355.D

Acq: 01 Sep 2023 21:38

Tgt Ion:	264	Resp:	9446
Ion Ratio	Lower	Upper	
264	100		
260	26.8	20.7	31.1
265	97.9	53.3	79.9#

