

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)

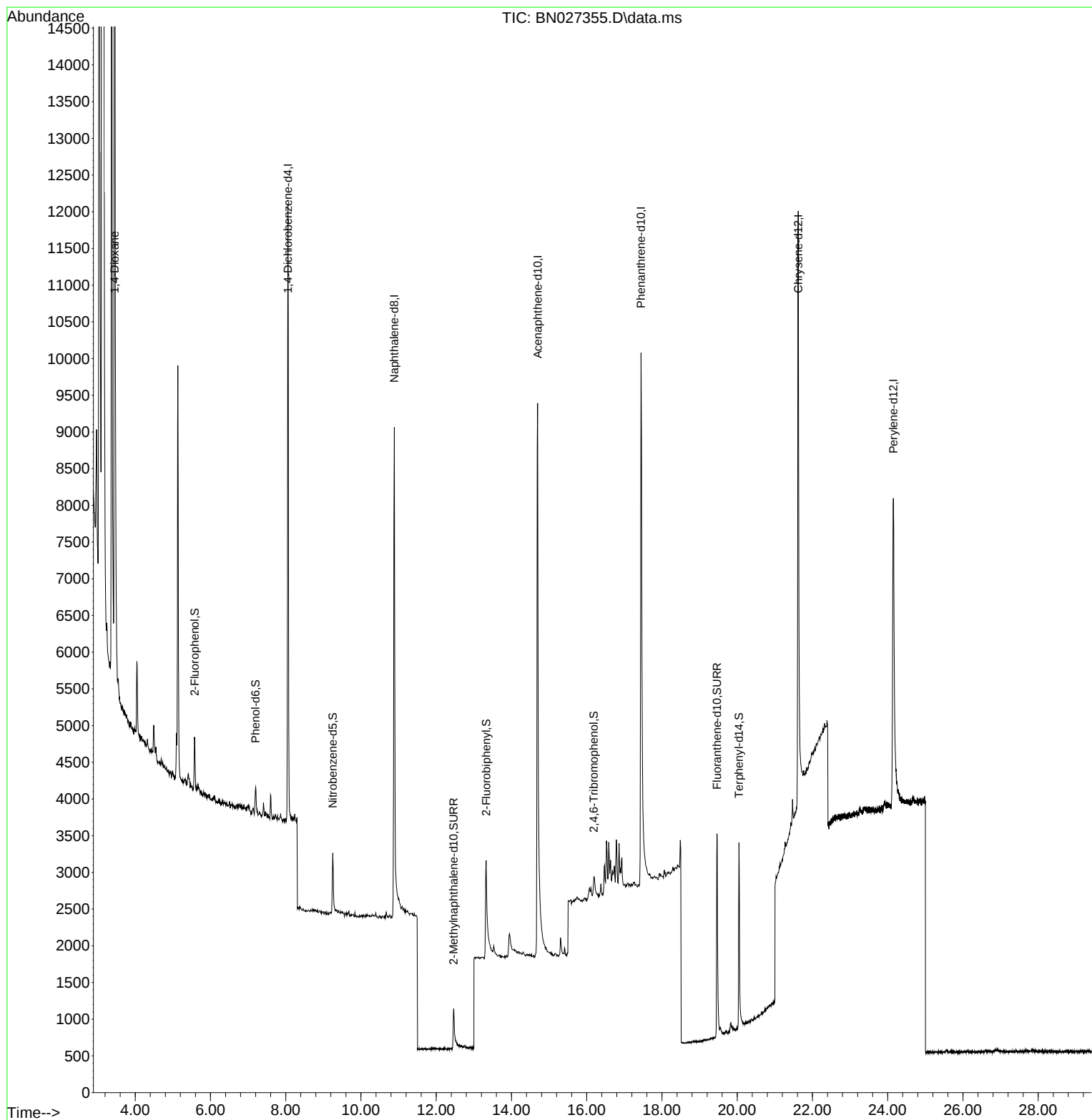
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.059	152	4294	0.400	ng	0.00
7) Naphthalene-d8	10.885	136	11176	0.400	ng	0.00
13) Acenaphthene-d10	14.694	164	7176	0.400	ng	0.01
19) Phenanthrene-d10	17.443	188	17073	0.400	ng	0.01
29) Chrysene-d12	21.623	240	11870	0.400	ng	0.00
35) Perylene-d12	24.150	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

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

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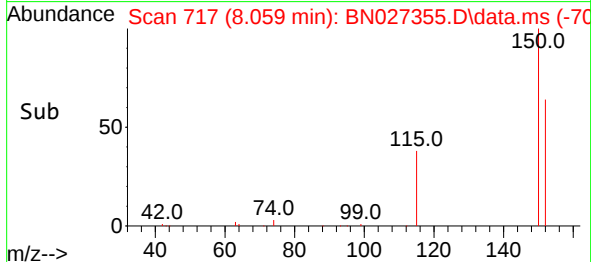
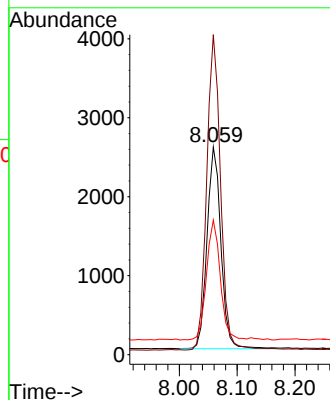
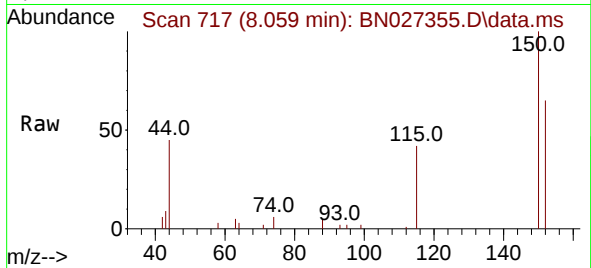




#1
 1,4-Dichlorobenzene-d4
 Concen: 0.400 ng
 RT: 8.059 min Scan# 71
 Delta R.T. -0.000 min
 Lab File: BN027355.D
 Acq: 01 Sep 2023 21:38

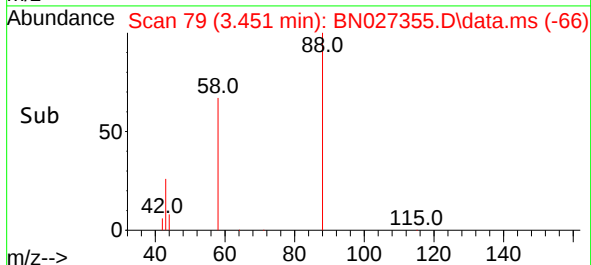
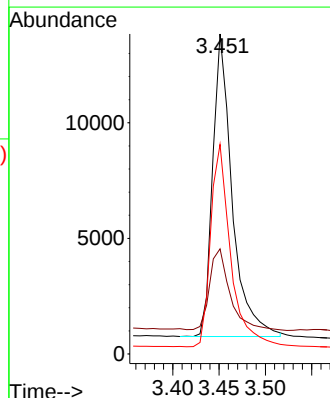
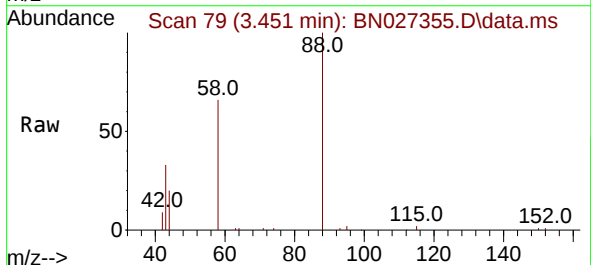
Instrument :
 BNA_N
 ClientSampleId :
 MW-10B-45-082823-HDL

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

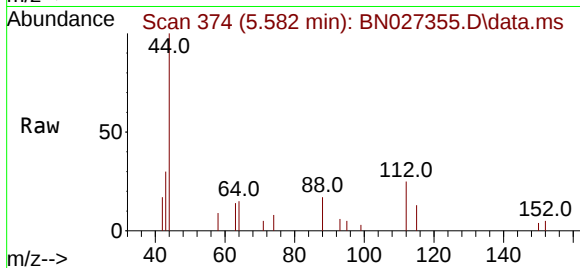
Acq: 01 Sep 2023 21:38

Instrument :

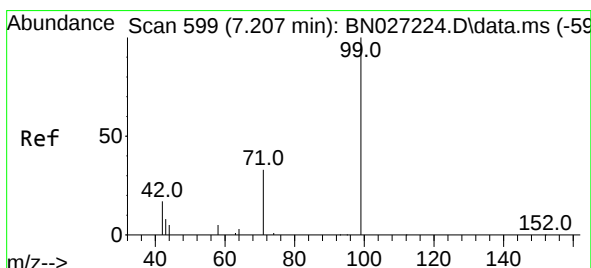
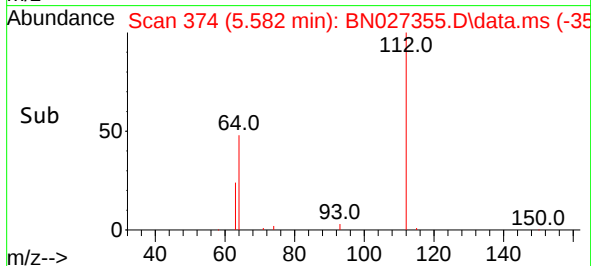
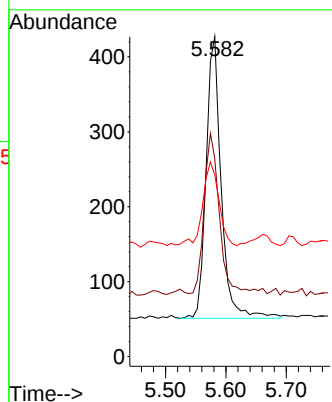
BNA_N

ClientSampleId :

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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

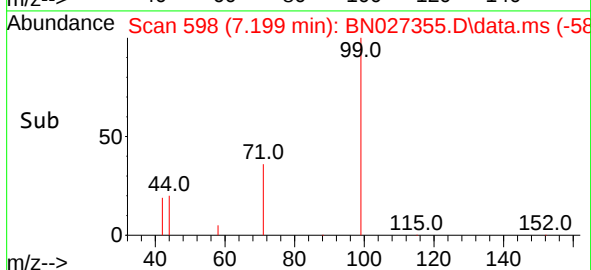
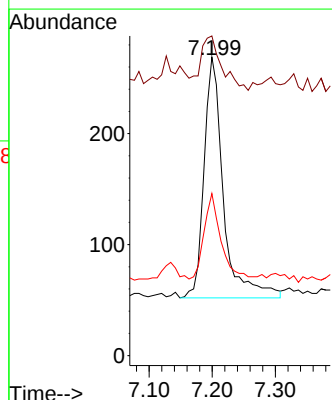
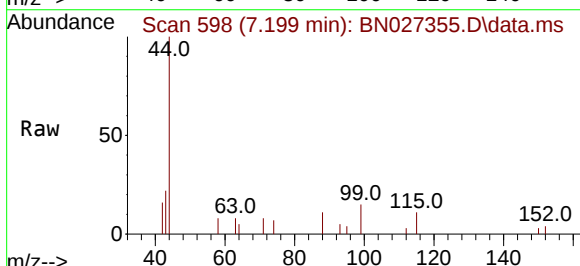
RT: 7.199 min Scan# 598

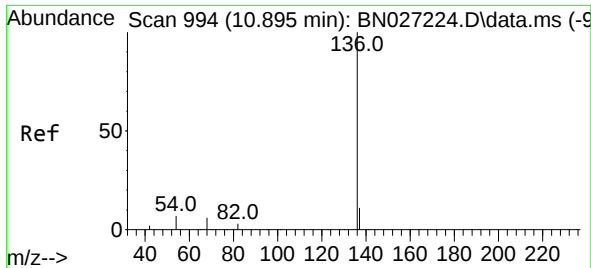
Delta R.T. 0.000 min

Lab File: BN027355.D

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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

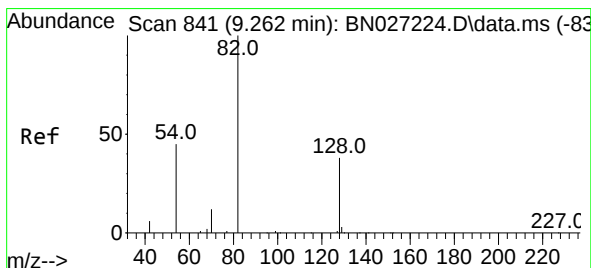
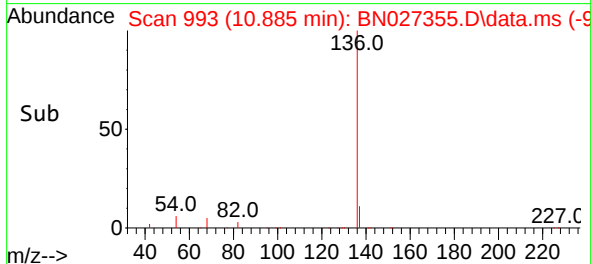
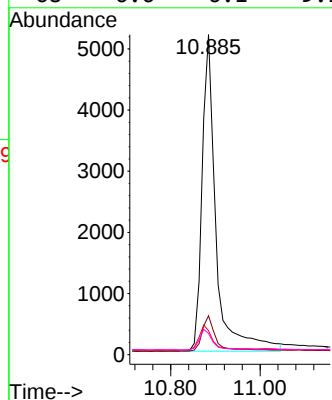
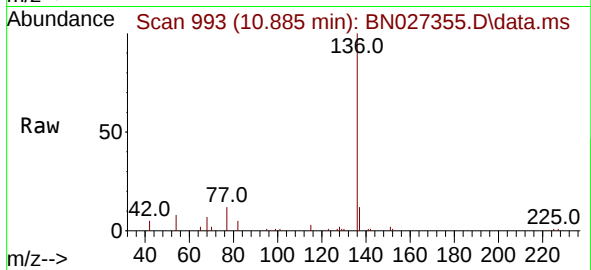




#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.885 min Scan# 994
Delta R.T. 0.000 min
Lab File: BN027355.D
Acq: 01 Sep 2023 21:38

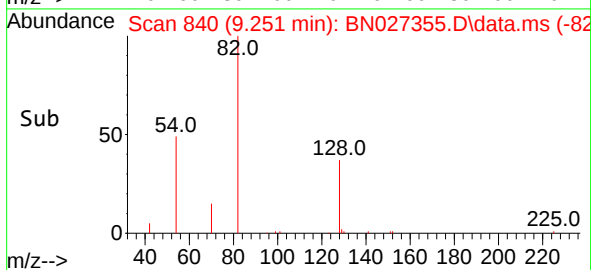
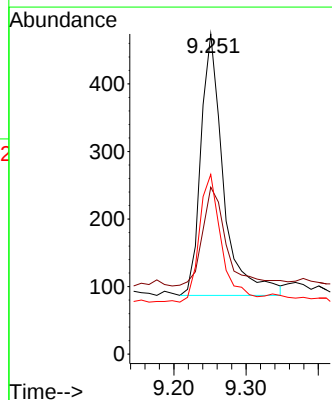
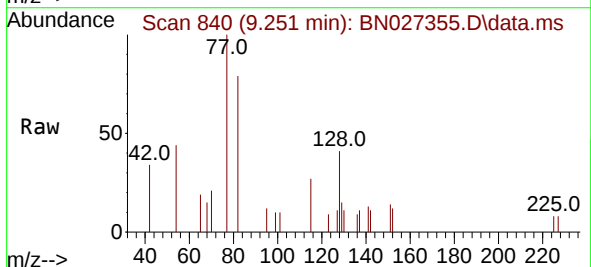
Instrument :
BNA_N
ClientSampleId :
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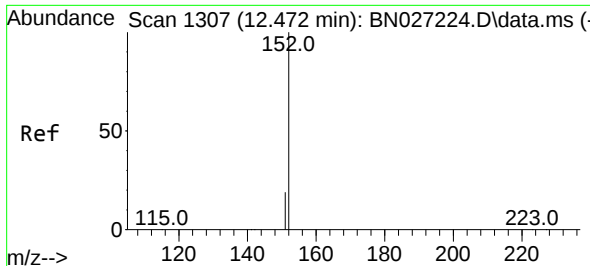
Tgt Ion:	136	Resp:	11176
Ion	Ratio	Lower	Upper
136	100		
137	12.1	9.3	13.9
54	7.5	6.7	10.1
68	6.6	6.1	9.1



#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

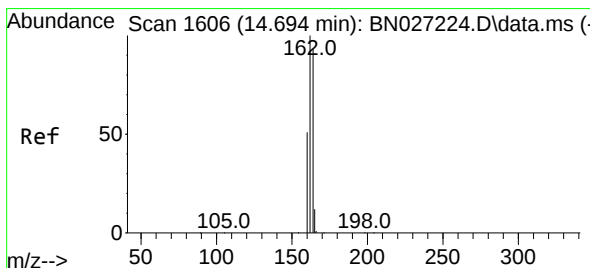
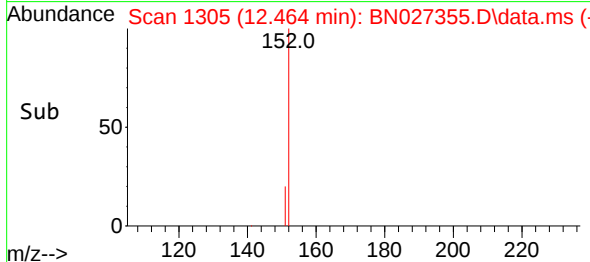
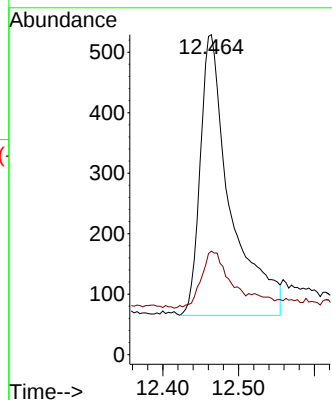
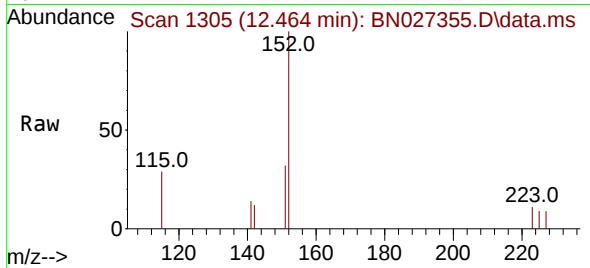




#11
2-Methylnaphthalene-d10
Concen: 0.078 ng
RT: 12.464 min Scan# 1305
Delta R.T. 0.008 min
Lab File: BN027355.D
Acq: 01 Sep 2023 21:38

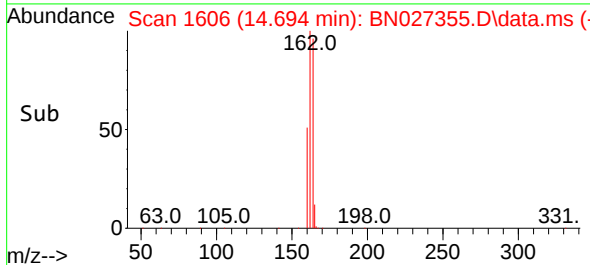
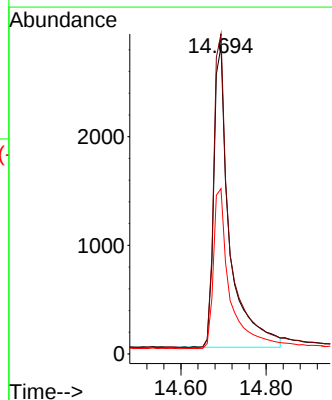
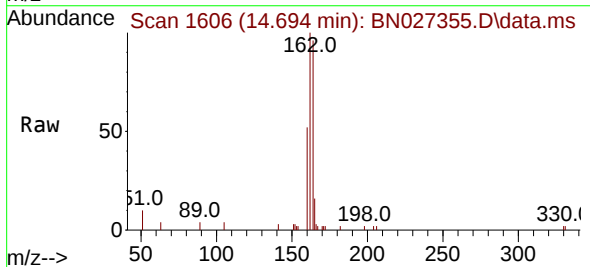
Instrument :
BNA_N
ClientSampleId :
MW-10B-45-082823-HDL

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

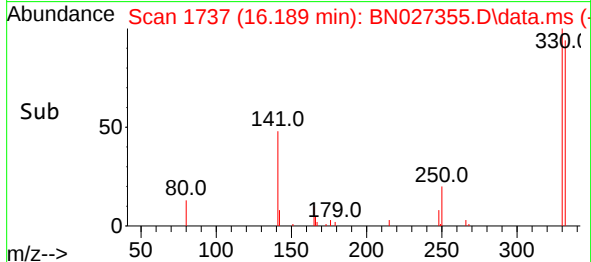
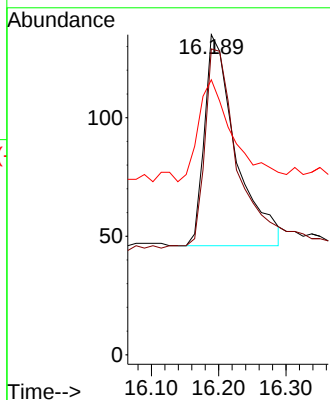
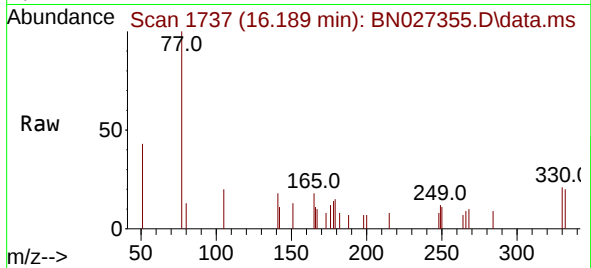




#14
2,4,6-Tribromophenol
Concen: 0.109 ng
RT: 16.189 min Scan# 1737
Delta R.T. 0.012 min
Lab File: BN027355.D
Acq: 01 Sep 2023 21:38

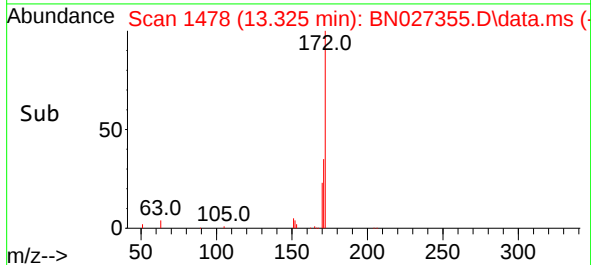
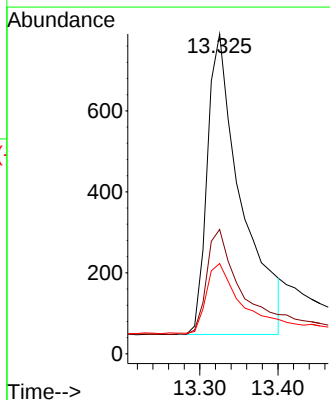
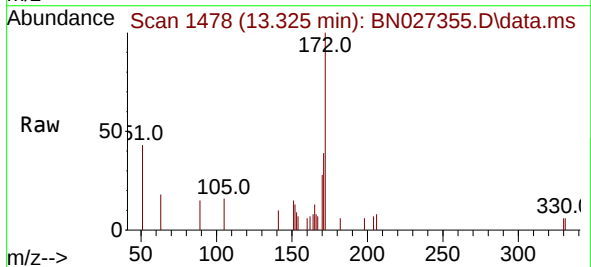
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ClientSampleId :
MW-10B-45-082823-HDL

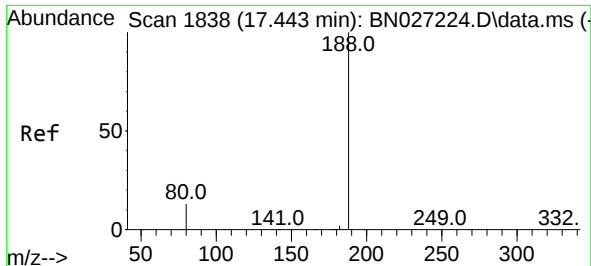
Tgt Ion:330 Resp: 290
Ion Ratio Lower Upper
330 100
332 97.6 75.2 112.8
141 53.1 36.2 54.4



#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

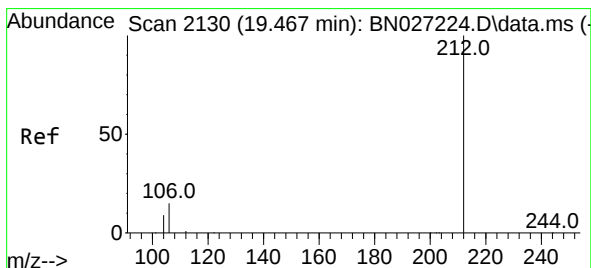
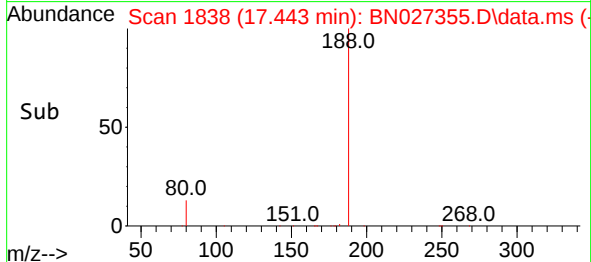
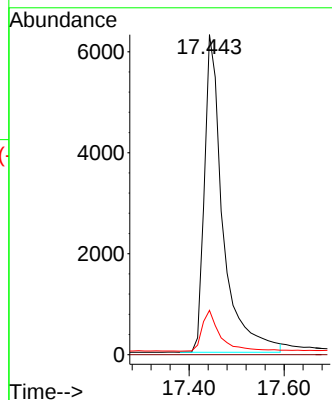
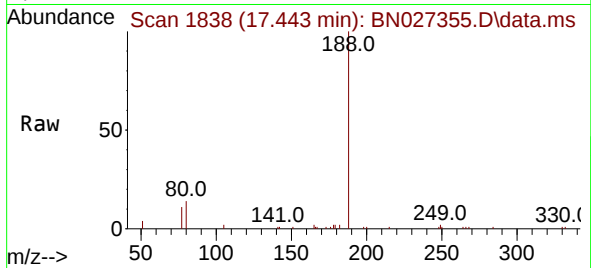




#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.443 min Scan# 11
Delta R.T. 0.012 min
Lab File: BN027355.D
Acq: 01 Sep 2023 21:38

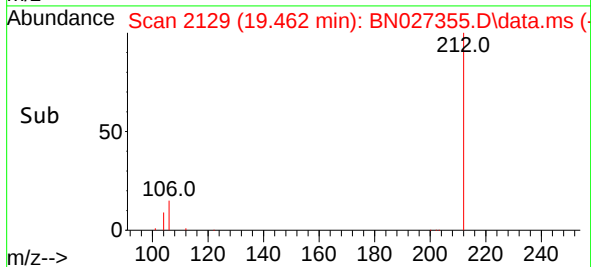
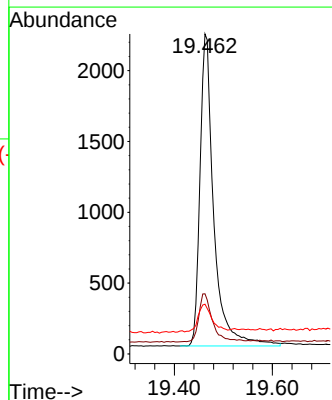
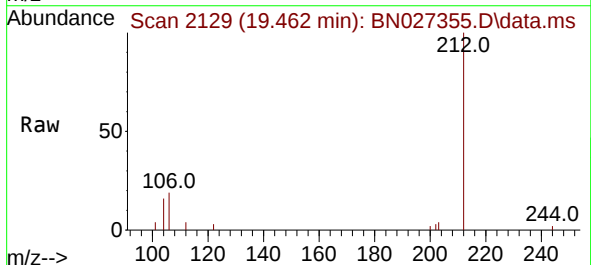
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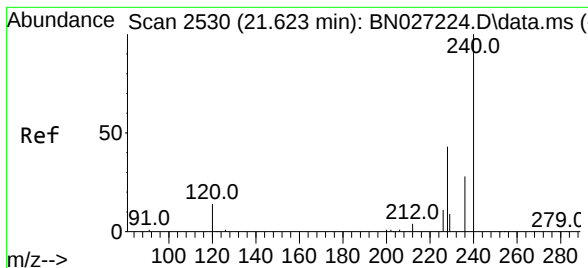
Tgt Ion:188 Resp: 17073
Ion Ratio Lower Upper
188 100
94 0.0 0.0 0.0
80 13.8 11.0 16.6



#27
Fluoranthene-d10
Concen: 0.101 ng
RT: 19.462 min Scan# 2129
Delta R.T. 0.005 min
Lab File: BN027355.D
Acq: 01 Sep 2023 21:38

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# 21

Delta R.T. 0.009 min

Lab File: BN027355.D

Acq: 01 Sep 2023 21:38

Instrument :

BNA_N

ClientSampleId :

MW-10B-45-082823-HDL

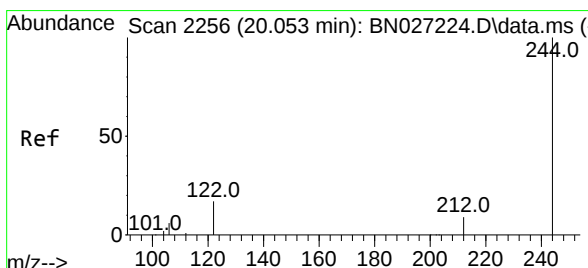
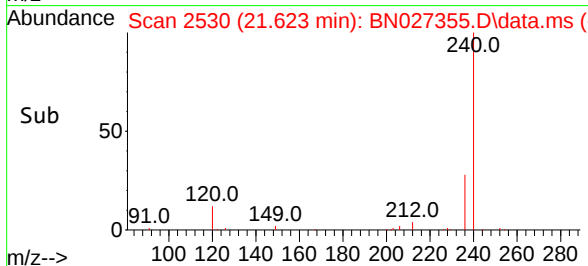
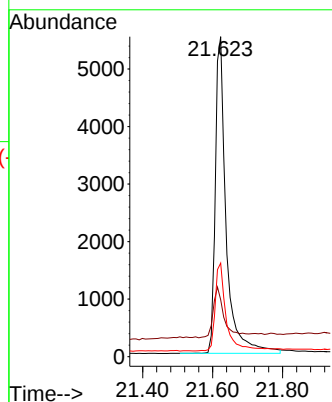
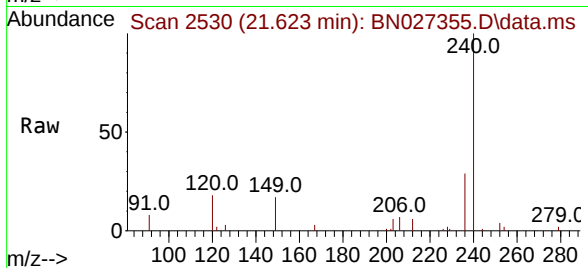
Tgt Ion:240 Resp: 11870

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# 2255

Delta R.T. 0.005 min

Lab File: BN027355.D

Acq: 01 Sep 2023 21:38

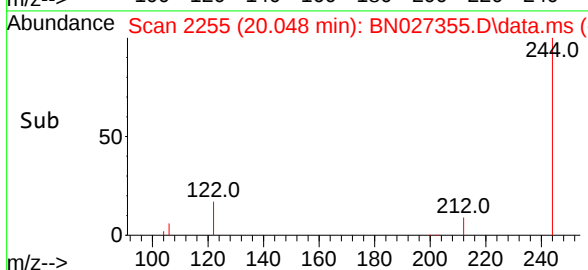
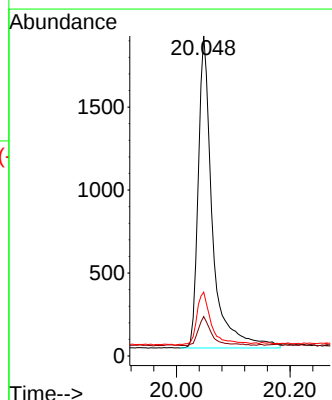
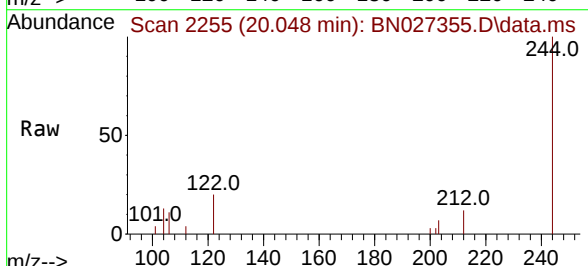
Tgt Ion:244 Resp: 3276

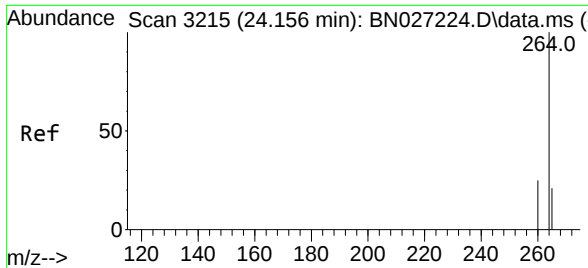
Ion Ratio Lower Upper

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# 31
 Delta R.T. 0.015 min
 Lab File: BN027355.D
 Acq: 01 Sep 2023 21:38

Instrument :
 BNA_N
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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

