

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN091323\
 Data File : BN027635.D
 Acq On : 13 Sep 2023 07:50
 Operator : MA/JU
 Sample : 04327-02
 Misc :
 ALS Vial : 138 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 MW-13A-10.5-090623

Quant Time: Sep 13 08:23:28 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 Sep 12 02:45:58 2023
 Response via : Initial Calibration

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

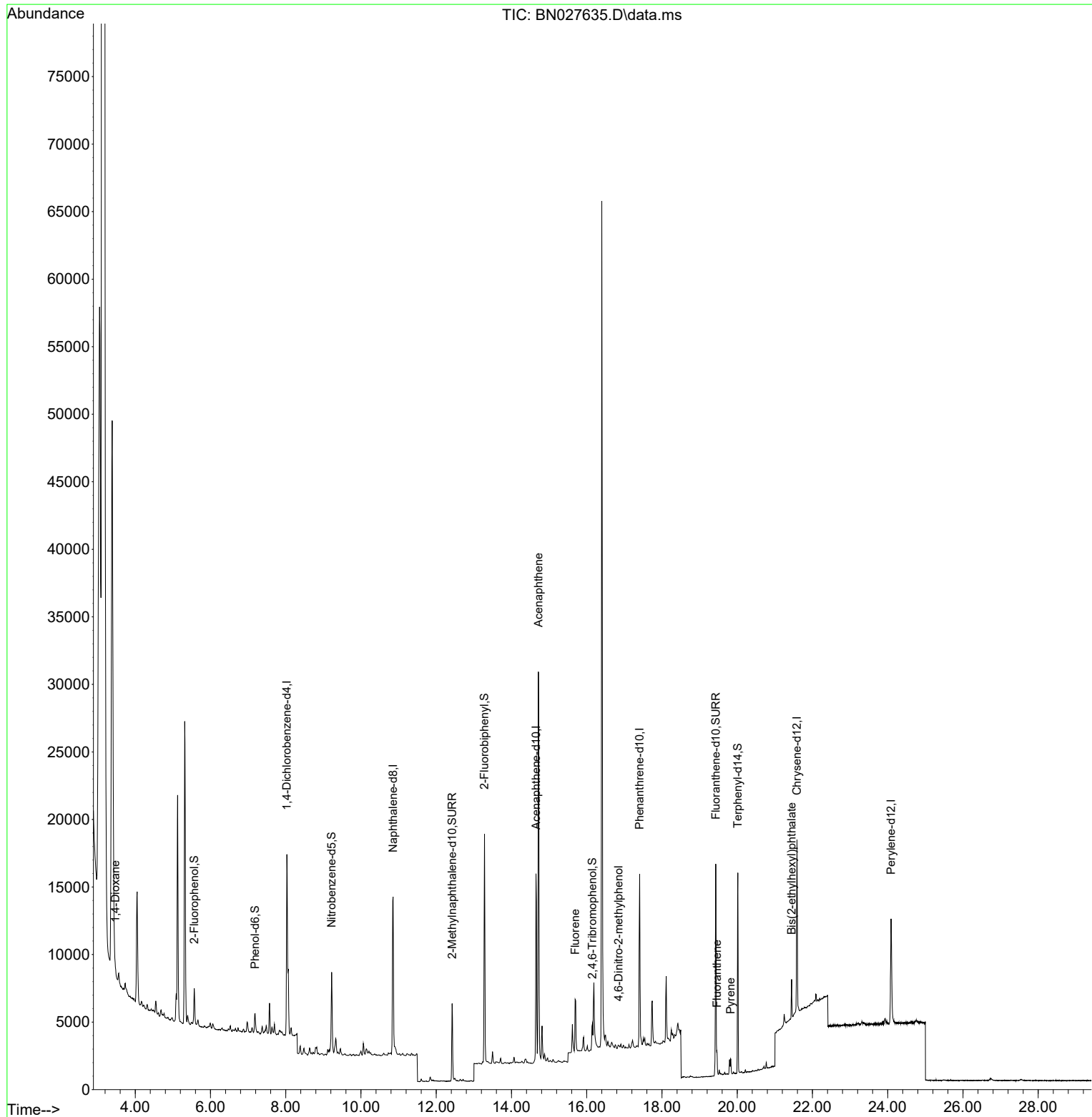
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.030	152	6765	0.400	ng	0.00
7) Naphthalene-d8	10.853	136	17961	0.400	ng	# 0.00
13) Acenaphthene-d10	14.651	164	8679	0.400	ng	-0.01
19) Phenanthrene-d10	17.406	188	17169	0.400	ng	# 0.00
29) Chrysene-d12	21.587	240	12490	0.400	ng	0.00
35) Perylene-d12	24.089	264	12192	0.400	ng	0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.567	112	2511	0.142	ng	0.00
5) Phenol-d6	7.185	99	1597	0.074	ng	0.00
8) Nitrobenzene-d5	9.219	82	5337	0.408	ng	-0.01
11) 2-Methylnaphthalene-d10	12.423	152	8175	0.310	ng	0.00
14) 2,4,6-Tribromophenol	16.152	330	1143	0.356	ng	0.00
15) 2-Fluorobiphenyl	13.283	172	14524	0.440	ng	-0.01
27) Fluoranthene-d10	19.430	212	17040	0.399	ng	0.00
31) Terphenyl-d14	20.015	244	14289	0.570	ng	0.00
Target Compounds						
2) 1,4-Dioxane	3.473	88	353	0.043	ng	# 48
17) Acenaphthene	14.715	154	14510	0.551	ng	98
18) Fluorene	15.693	166	3640	0.104	ng	94
20) 4,6-Dinitro-2-methylph...	16.847	198	54	0.221	ng	84
28) Fluoranthene	19.463	202	1422	0.024	ng	# 92
30) Pyrene	19.825	202	1051	0.021	ng	98
34) Bis(2-ethylhexyl)phtha...	21.444	149	2542	0.123	ng	99

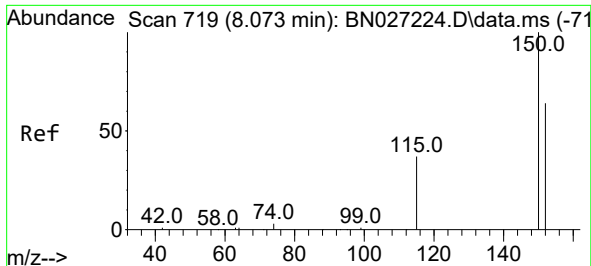
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN091323\
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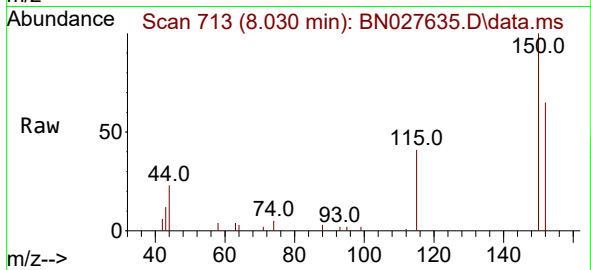
Quant Time: Sep 13 08:23:28 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN082923.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Sep 12 02:45:58 2023
Response via : Initial Calibration



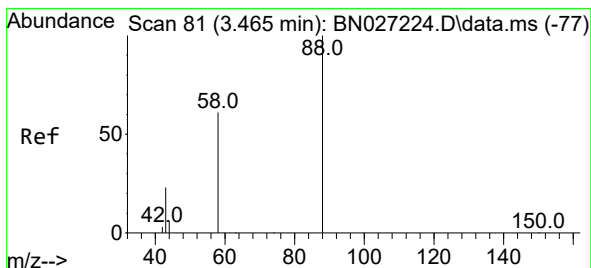
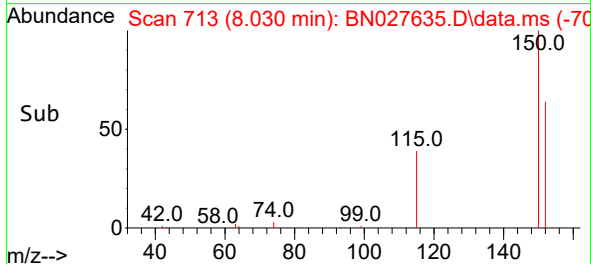
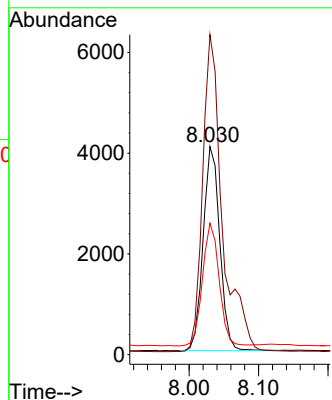


#1
 1,4-Dichlorobenzene-d4
 Concen: 0.400 ng
 RT: 8.030 min Scan# 71
 Delta R.T. -0.007 min
 Lab File: BN027635.D
 Acq: 13 Sep 2023 07:50

Instrument :
 BNA_N
 ClientSampleId :
 MW-13A-10.5-090623

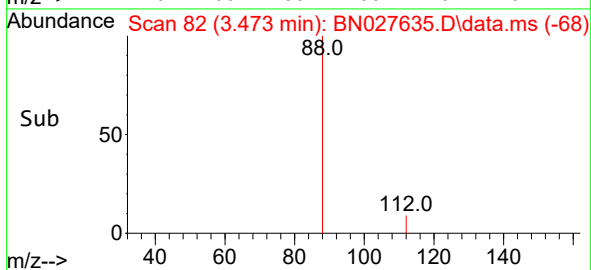
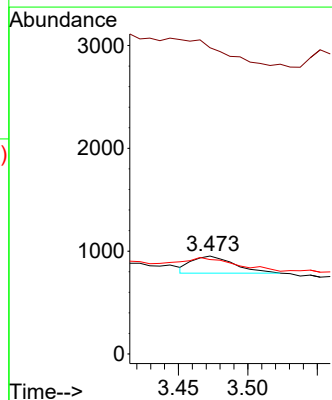
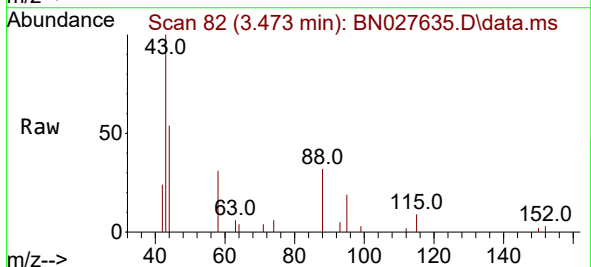


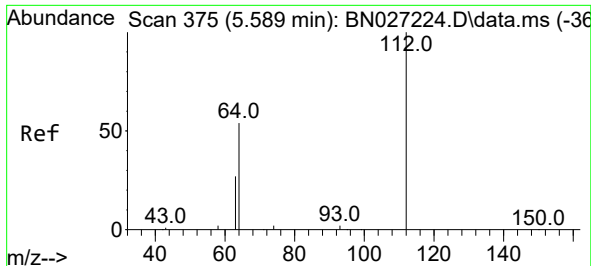
Tgt Ion:152 Resp: 6765
 Ion Ratio Lower Upper
 152 100
 150 153.7 122.7 184.1
 115 63.2 48.6 73.0



#2
 1,4-Dioxane
 Concen: 0.043 ng
 RT: 3.473 min Scan# 82
 Delta R.T. 0.000 min
 Lab File: BN027635.D
 Acq: 13 Sep 2023 07:50

Tgt Ion: 88 Resp: 353
 Ion Ratio Lower Upper
 88 100
 43 0.0 19.1 28.7#
 58 107.1 52.2 78.2#

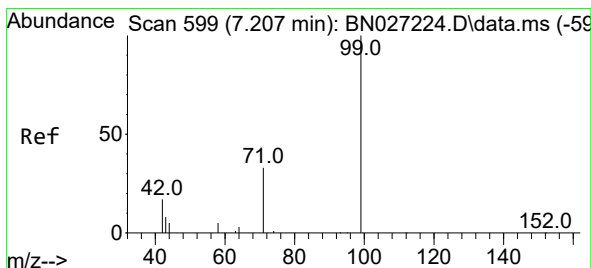
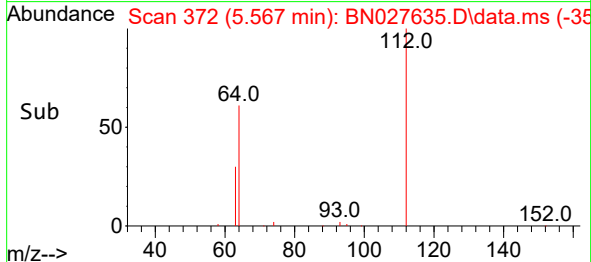
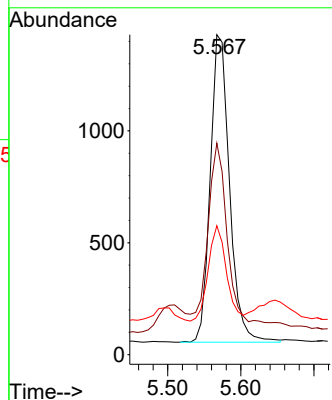
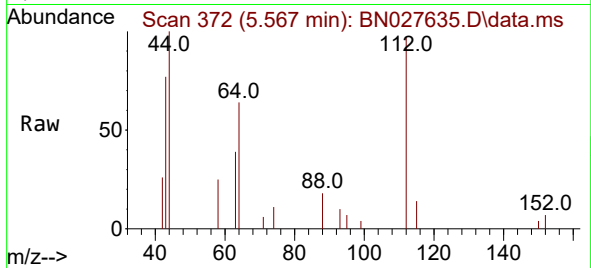




#4
2-Fluorophenol
Concen: 0.142 ng
RT: 5.567 min Scan# 31
Delta R.T. -0.007 min
Lab File: BN027635.D
Acq: 13 Sep 2023 07:50

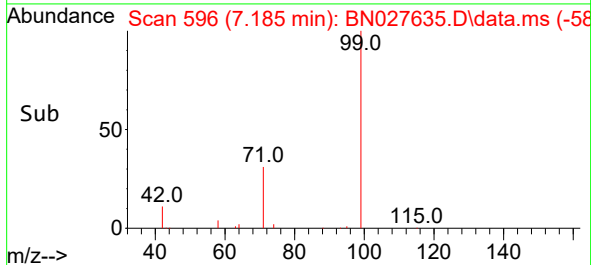
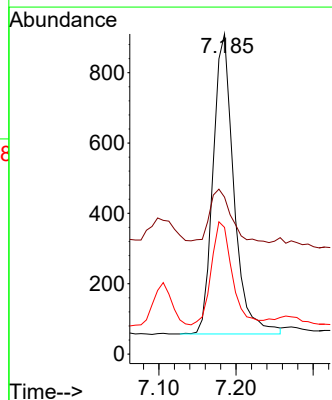
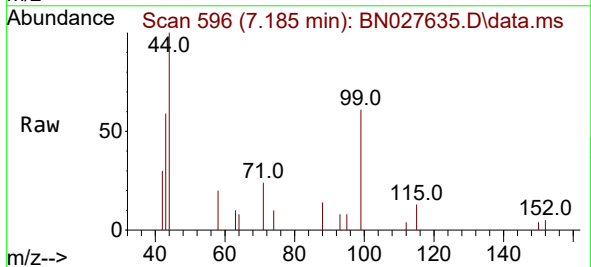
Instrument :
BNA_N
ClientSampleId :
MW-13A-10.5-090623

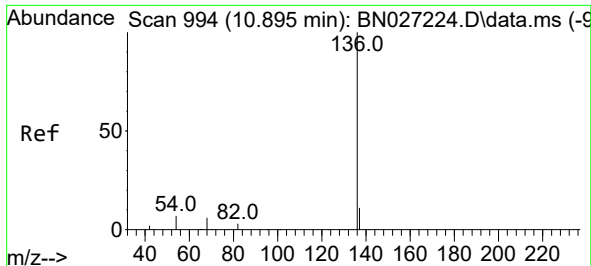
Tgt Ion:112 Resp: 2511
Ion Ratio Lower Upper
112 100
64 61.3 44.4 66.6
63 29.4 23.1 34.7



#5
Phenol-d6
Concen: 0.074 ng
RT: 7.185 min Scan# 596
Delta R.T. 0.000 min
Lab File: BN027635.D
Acq: 13 Sep 2023 07:50

Tgt Ion: 99 Resp: 1597
Ion Ratio Lower Upper
99 100
42 19.5 14.5 21.7
71 34.6 25.8 38.6

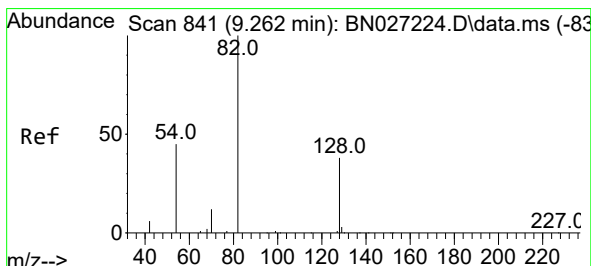
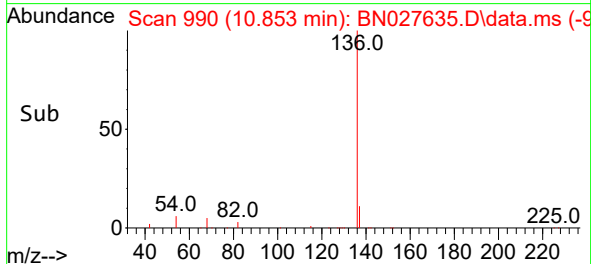
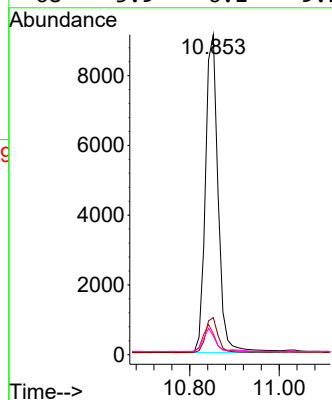
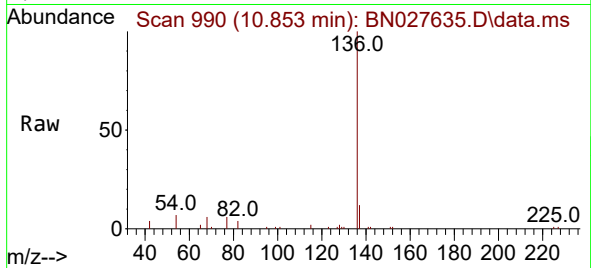




#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.853 min Scan# 994
Delta R.T. 0.000 min
Lab File: BN027635.D
Acq: 13 Sep 2023 07:50

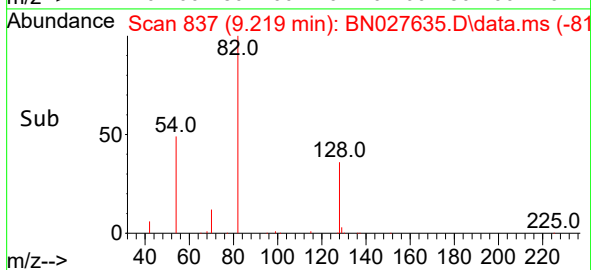
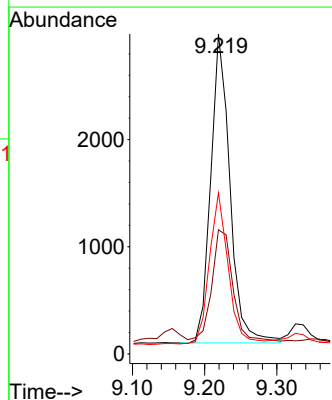
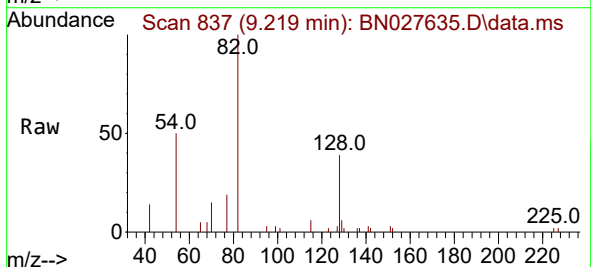
Instrument :
BNA_N
ClientSampleId :
MW-13A-10.5-090623

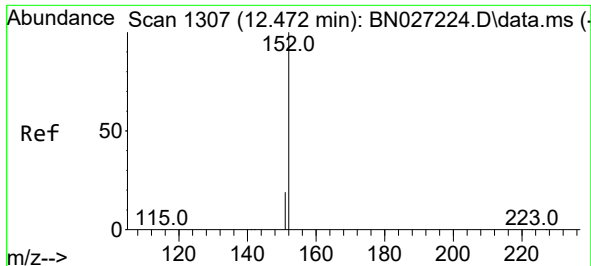
Tgt Ion:	136	Resp:	17961
Ion Ratio	Lower	Upper	
136	100		
137	11.6	9.3	13.9
54	6.6	6.7	10.1#
68	5.9	6.1	9.1#



#8
Nitrobenzene-d5
Concen: 0.408 ng
RT: 9.219 min Scan# 837
Delta R.T. -0.011 min
Lab File: BN027635.D
Acq: 13 Sep 2023 07:50

Tgt Ion:	82	Resp:	5337
Ion Ratio	Lower	Upper	
82	100		
128	38.8	33.4	50.0
54	50.4	37.7	56.5

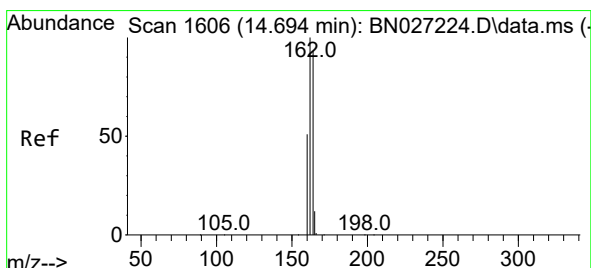
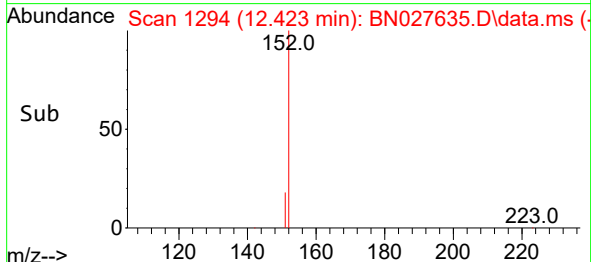
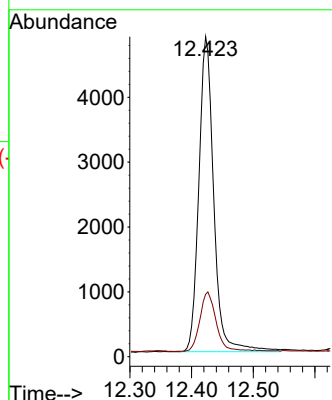
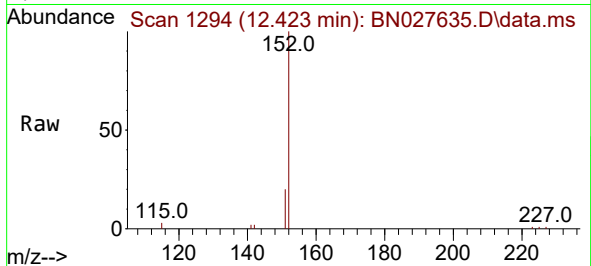




#11
2-Methylnaphthalene-d10
Concen: 0.310 ng
RT: 12.423 min Scan# 11
Delta R.T. -0.008 min
Lab File: BN027635.D
Acq: 13 Sep 2023 07:50

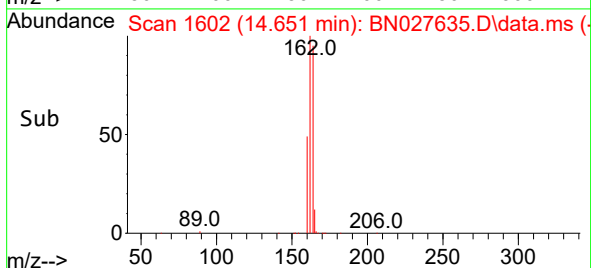
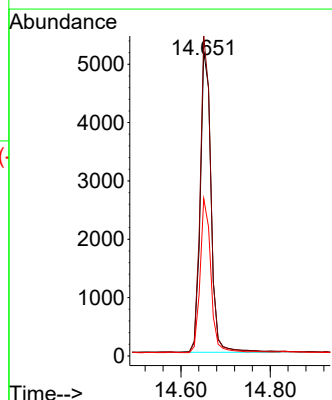
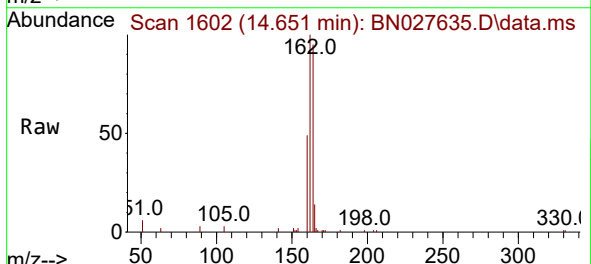
Instrument :
BNA_N
ClientSampleId :
MW-13A-10.5-090623

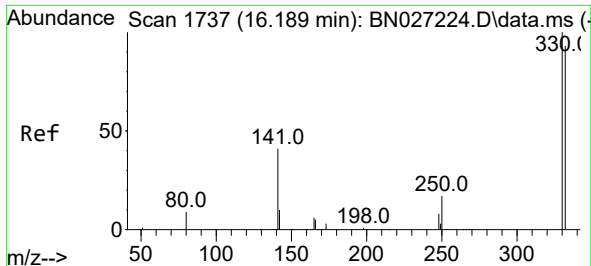
Tgt Ion:152 Resp: 8175
Ion Ratio Lower Upper
152 100
151 20.8 16.6 25.0



#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.651 min Scan# 1602
Delta R.T. -0.011 min
Lab File: BN027635.D
Acq: 13 Sep 2023 07:50

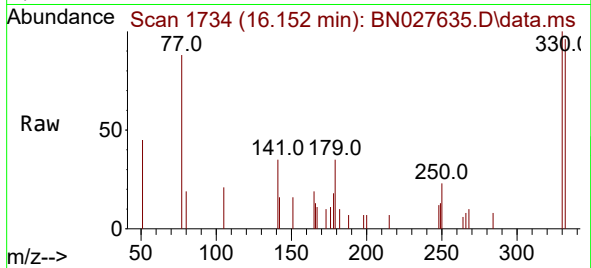
Tgt Ion:164 Resp: 8679
Ion Ratio Lower Upper
164 100
162 105.0 85.8 128.8
160 51.6 44.2 66.2



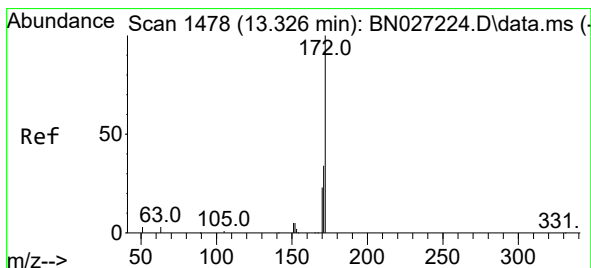
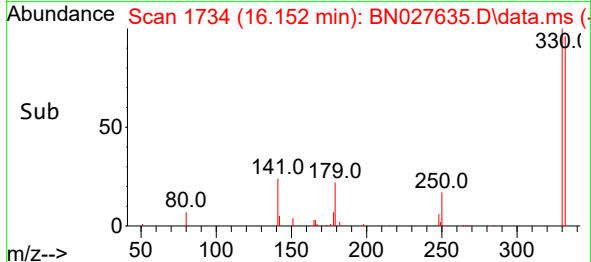
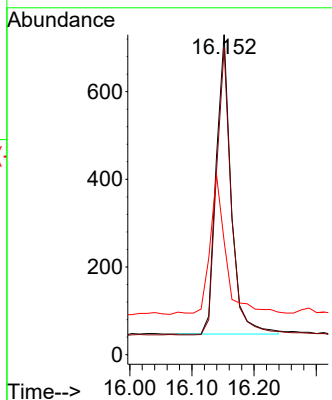


#14
2,4,6-Tribromophenol
Concen: 0.356 ng
RT: 16.152 min Scan# 11
Delta R.T. 0.000 min
Lab File: BN027635.D
Acq: 13 Sep 2023 07:50

Instrument :
BNA_N
ClientSampleId :
MW-13A-10.5-090623

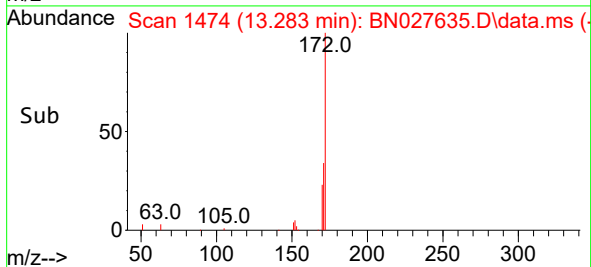
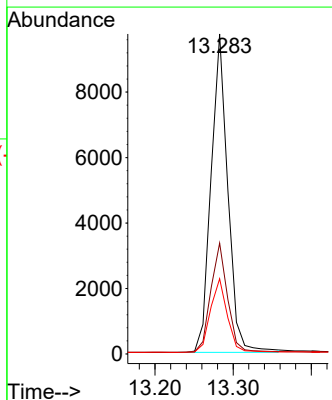
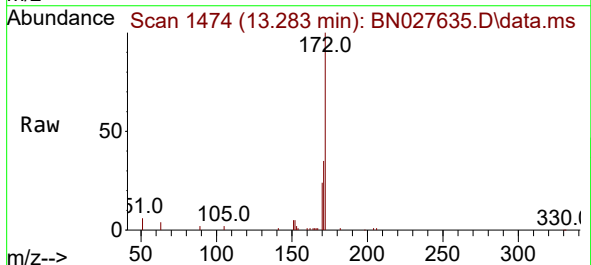


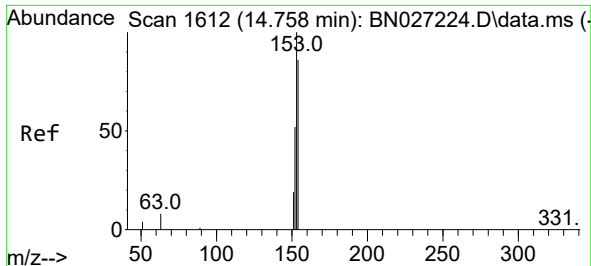
Tgt Ion:330 Resp: 1143
Ion Ratio Lower Upper
330 100
332 95.7 75.2 112.8
141 49.6 36.2 54.4



#15
2-Fluorobiphenyl
Concen: 0.440 ng
RT: 13.283 min Scan# 1474
Delta R.T. -0.011 min
Lab File: BN027635.D
Acq: 13 Sep 2023 07:50

Tgt Ion:172 Resp: 14524
Ion Ratio Lower Upper
172 100
171 34.7 27.8 41.8
170 23.5 19.3 28.9

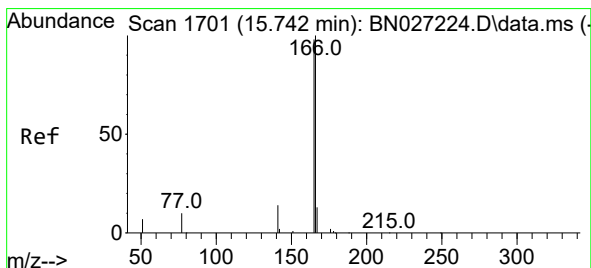
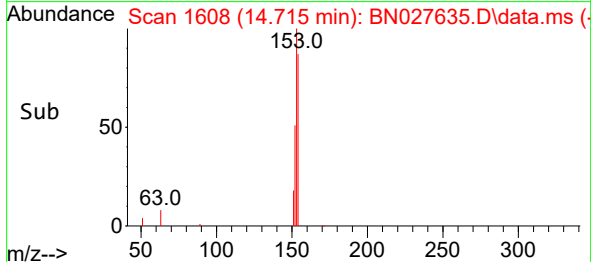
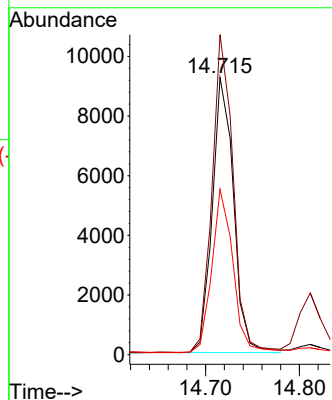
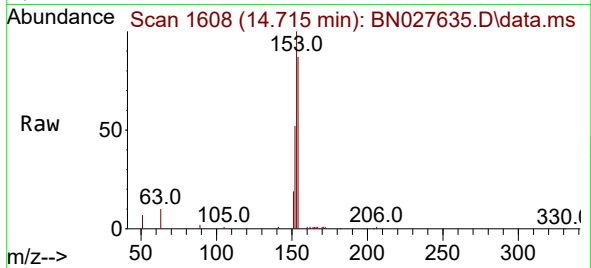




#17
Acenaphthene
Concen: 0.551 ng
RT: 14.715 min Scan# 1608
Delta R.T. -0.011 min
Lab File: BN027635.D
Acq: 13 Sep 2023 07:50

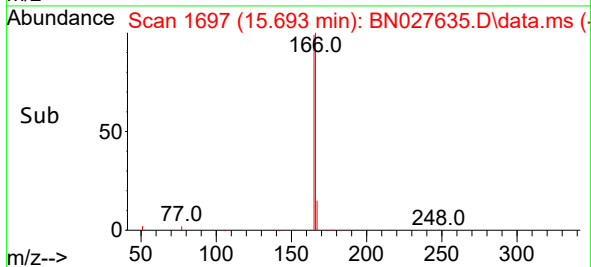
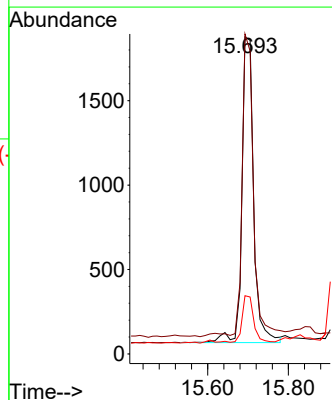
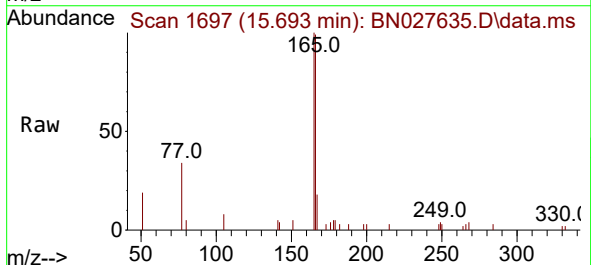
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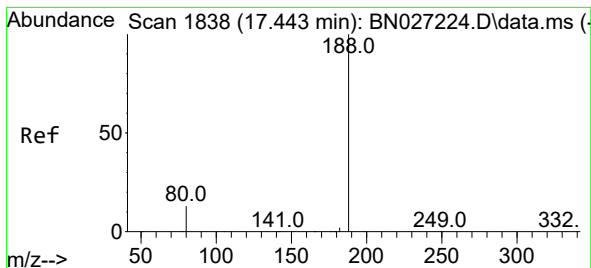
Tgt Ion:154 Resp: 14510
Ion Ratio Lower Upper
154 100
153 114.3 93.1 139.7
152 59.1 48.6 73.0



#18
Fluorene
Concen: 0.104 ng
RT: 15.693 min Scan# 1697
Delta R.T. -0.012 min
Lab File: BN027635.D
Acq: 13 Sep 2023 07:50

Tgt Ion:166 Resp: 3640
Ion Ratio Lower Upper
166 100
165 92.8 79.0 118.4
167 14.7 10.8 16.2





#19

Phenanthrene-d10

Concen: 0.400 ng

RT: 17.406 min Scan# 1

Delta R.T. 0.000 min

Lab File: BN027635.D

Acq: 13 Sep 2023 07:50

Instrument :

BNA_N

ClientSampleId :

MW-13A-10.5-090623

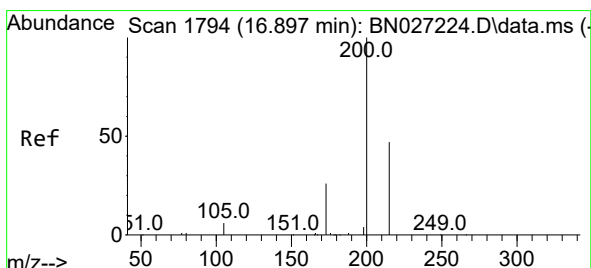
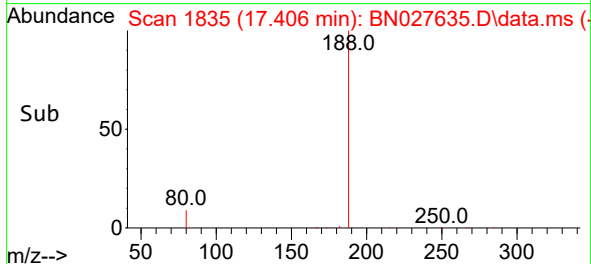
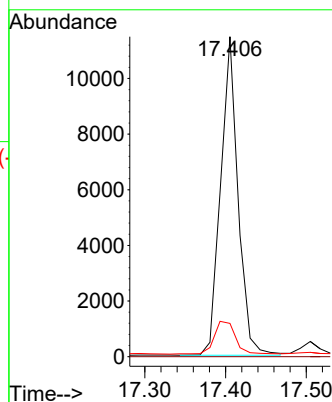
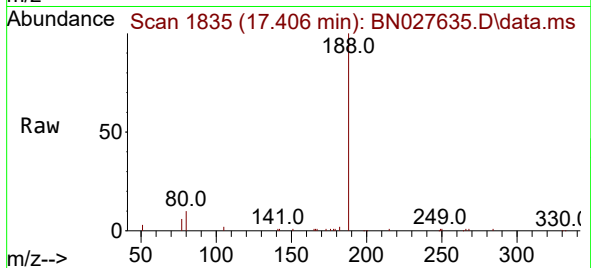
Tgt Ion:188 Resp: 17169

Ion Ratio Lower Upper

188 100

94 0.0 0.0 0.0

80 10.4 11.0 16.6#



#20

4,6-Dinitro-2-methylphenol

Concen: 0.221 ng

RT: 16.847 min Scan# 1790

Delta R.T. -0.012 min

Lab File: BN027635.D

Acq: 13 Sep 2023 07:50

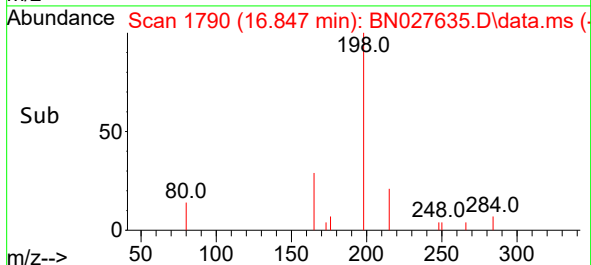
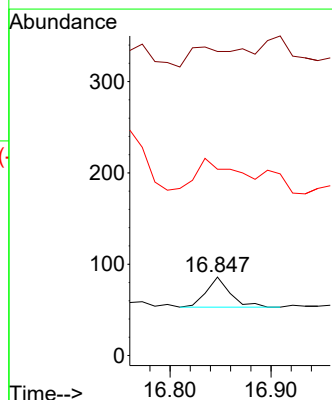
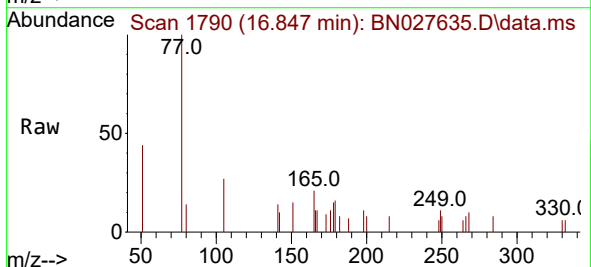
Tgt Ion:198 Resp: 54

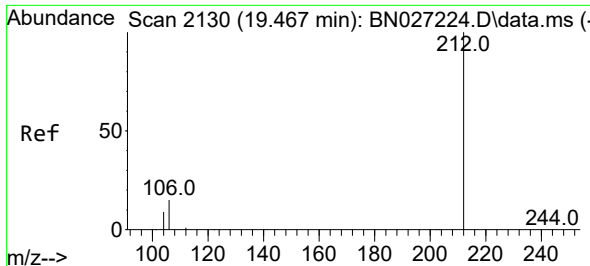
Ion Ratio Lower Upper

198 100

51 387.2 282.2 423.2

105 237.2 168.7 253.1

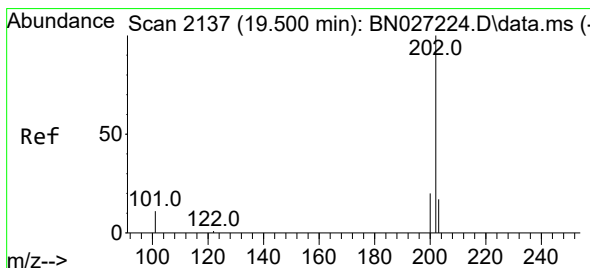
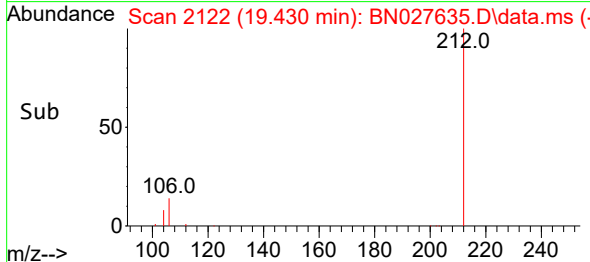
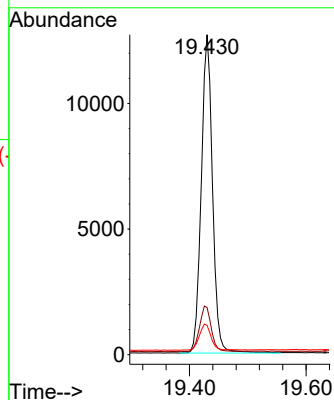
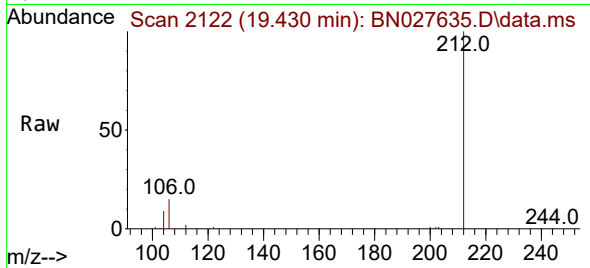




#27
Fluoranthene-d10
Concen: 0.399 ng
RT: 19.430 min Scan# 2129
Delta R.T. -0.005 min
Lab File: BN027635.D
Acq: 13 Sep 2023 07:50

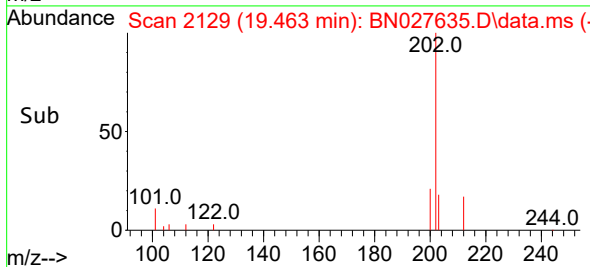
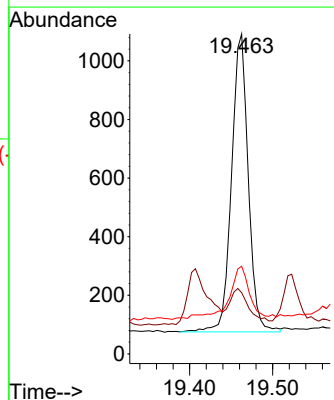
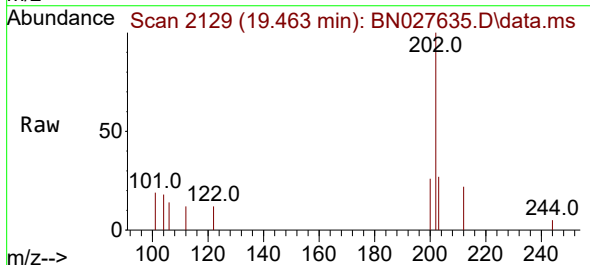
Instrument :
BNA_N
ClientSampleId :
MW-13A-10.5-090623

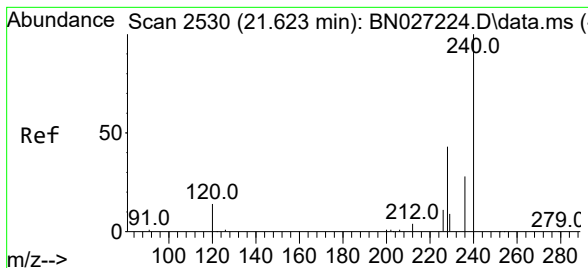
Tgt Ion:212 Resp: 17040
Ion Ratio Lower Upper
212 100
106 15.0 12.1 18.1
104 8.5 6.9 10.3



#28
Fluoranthene
Concen: 0.024 ng
RT: 19.463 min Scan# 2129
Delta R.T. -0.005 min
Lab File: BN027635.D
Acq: 13 Sep 2023 07:50

Tgt Ion:202 Resp: 1422
Ion Ratio Lower Upper
202 100
101 12.7 9.6 14.4
203 22.6 13.6 20.4#





#29

Chrysene-d12

Concen: 0.400 ng

RT: 21.587 min Scan# 21

Delta R.T. 0.000 min

Lab File: BN027635.D

Acq: 13 Sep 2023 07:50

Instrument :

BNA_N

ClientSampleId :

MW-13A-10.5-090623

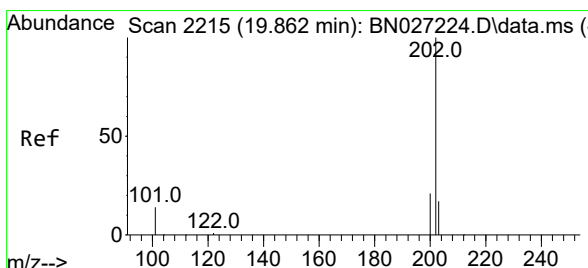
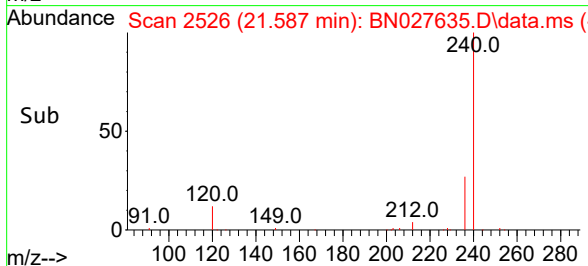
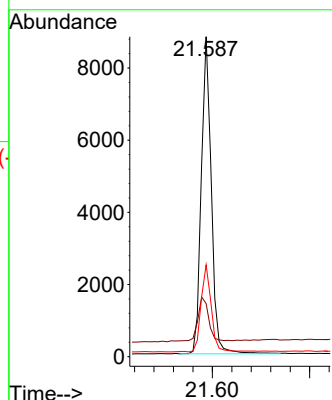
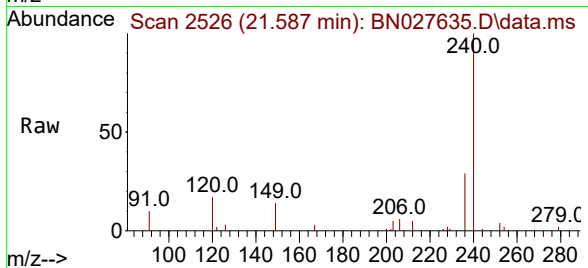
Tgt Ion:240 Resp: 12490

Ion Ratio Lower Upper

240 100

120 16.6 14.2 21.4

236 28.7 22.9 34.3



#30

Pyrene

Concen: 0.021 ng

RT: 19.825 min Scan# 2207

Delta R.T. -0.005 min

Lab File: BN027635.D

Acq: 13 Sep 2023 07:50

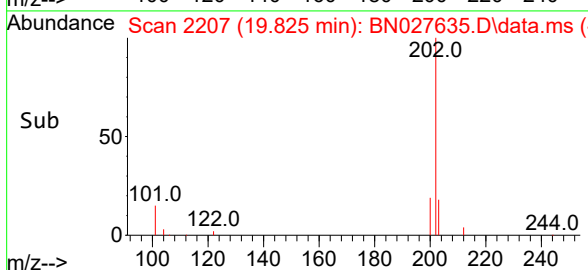
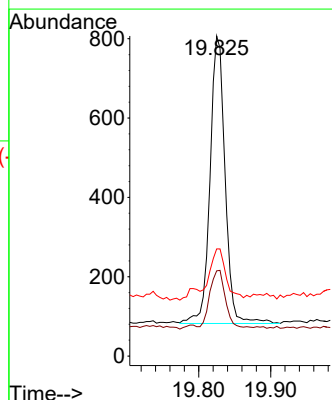
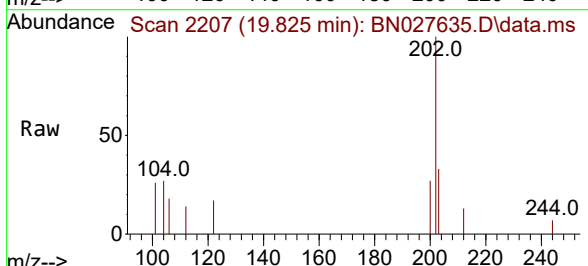
Tgt Ion:202 Resp: 1051

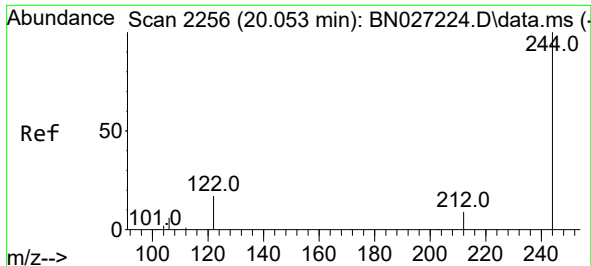
Ion Ratio Lower Upper

202 100

200 20.0 16.6 25.0

203 17.1 14.2 21.4

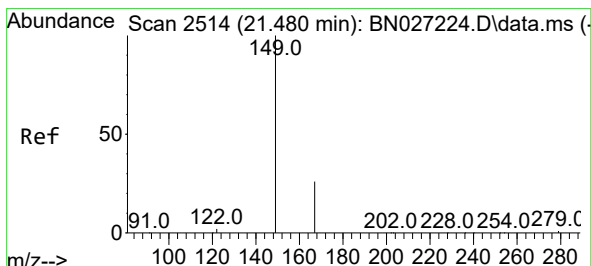
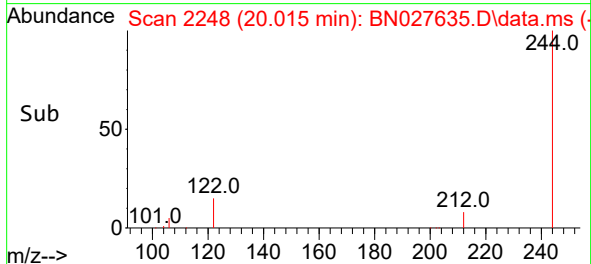
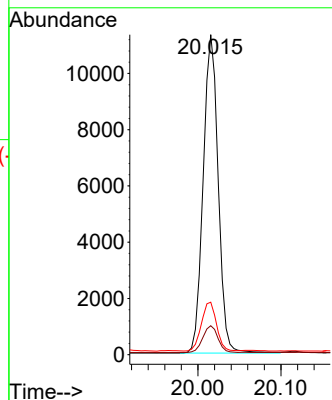
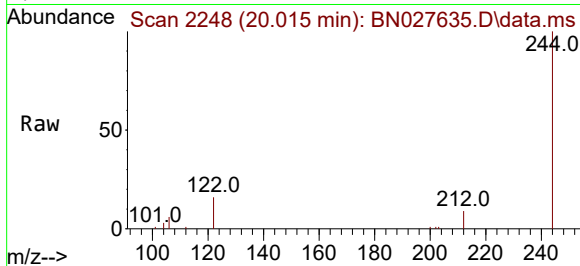




#31
 Terphenyl-d14
 Concen: 0.570 ng
 RT: 20.015 min Scan# 21
 Delta R.T. -0.005 min
 Lab File: BN027635.D
 Acq: 13 Sep 2023 07:50

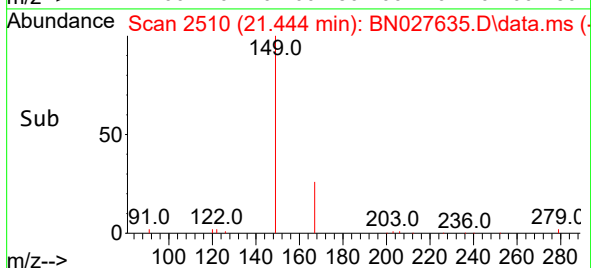
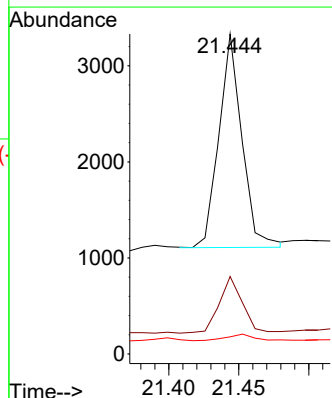
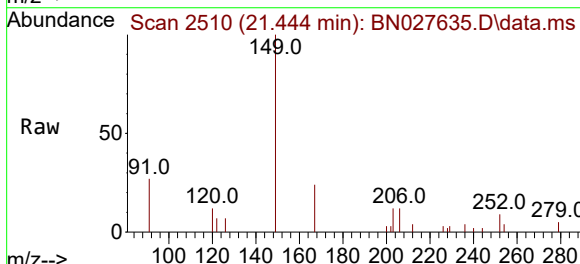
Instrument :
 BNA_N
 ClientSampleId :
 MW-13A-10.5-090623

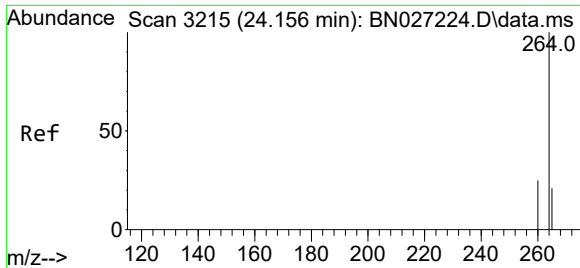
Tgt Ion:244 Resp: 14289
 Ion Ratio Lower Upper
 244 100
 212 9.1 7.5 11.3
 122 16.4 14.0 21.0



#34
 Bis(2-ethylhexyl)phthalate
 Concen: 0.123 ng
 RT: 21.444 min Scan# 2510
 Delta R.T. 0.000 min
 Lab File: BN027635.D
 Acq: 13 Sep 2023 07:50

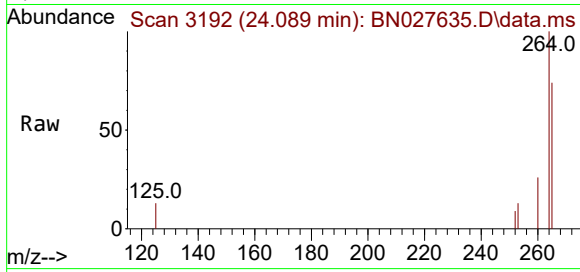
Tgt Ion:149 Resp: 2542
 Ion Ratio Lower Upper
 149 100
 167 27.3 22.1 33.1
 279 3.8 2.7 4.1





#35
 Perylene-d12
 Concen: 0.400 ng
 RT: 24.089 min Scan# 31
 Delta R.T. -0.006 min
 Lab File: BN027635.D
 Acq: 13 Sep 2023 07:50

Instrument :
 BNA_N
 ClientSampleId :
 MW-13A-10.5-090623



Tgt Ion:264 Resp: 12192
 Ion Ratio Lower Upper
 264 100
 260 26.3 20.7 31.1
 265 73.8 53.3 79.9

