

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN101323\
 Data File : BN028284.D
 Acq On : 13 Oct 2023 18:54
 Operator : MA/JU
 Sample : 04860-03
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 MW-4D

Quant Time: Oct 14 00:17:30 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN101223.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Oct 13 02:17:11 2023
 Response via : Initial Calibration

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

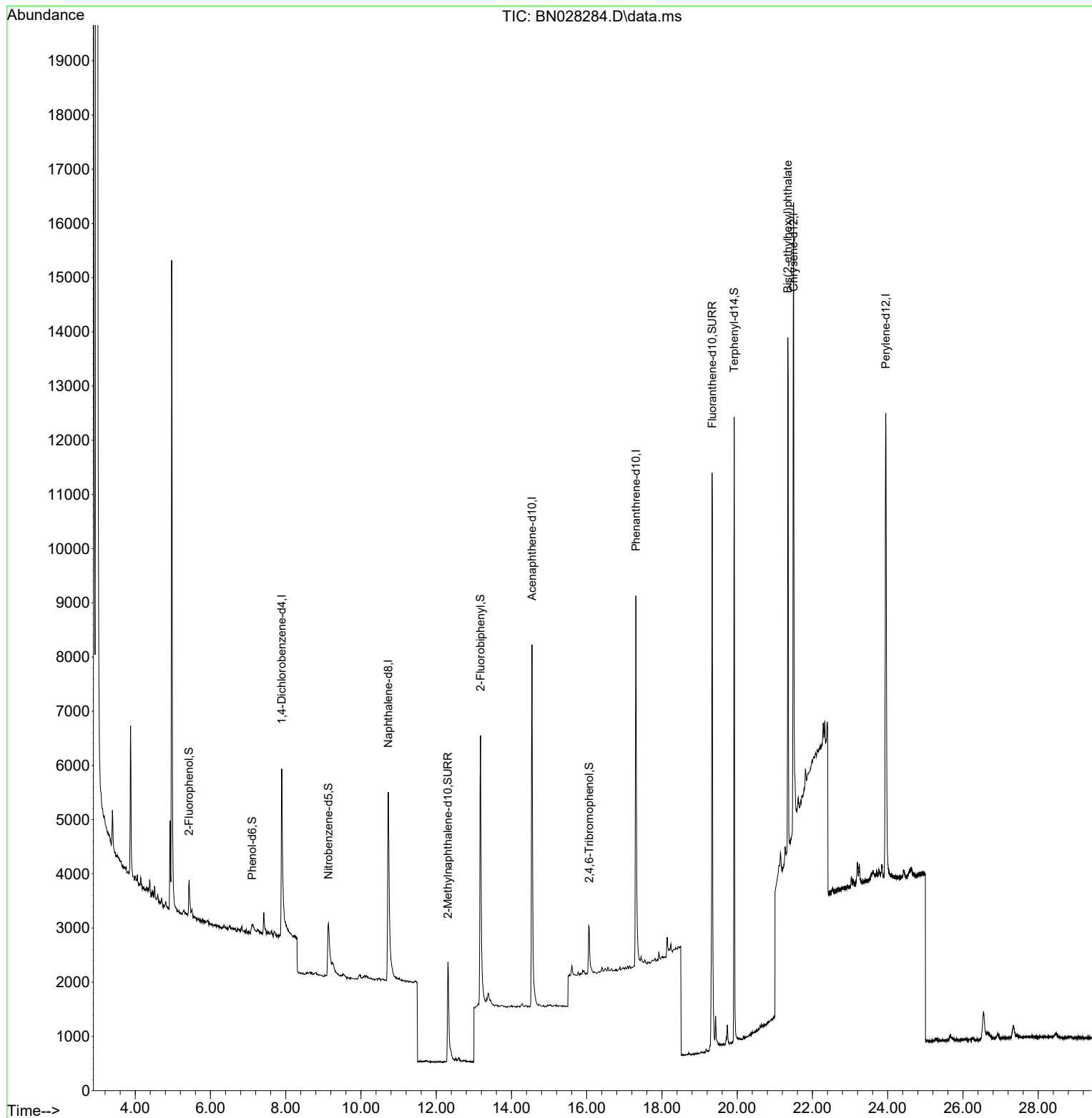
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.893	152	2548	0.400	ng	0.00
7) Naphthalene-d8	10.725	136	8171	0.400	ng	# 0.01
13) Acenaphthene-d10	14.544	164	5128	0.400	ng	0.00
19) Phenanthrene-d10	17.306	188	11858	0.400	ng	# 0.00
29) Chrysene-d12	21.497	240	11873	0.400	ng	# 0.00
35) Perylene-d12	23.949	264	13546	0.400	ng	-0.01
System Monitoring Compounds						
4) 2-Fluorophenol	5.430	112	858	0.108	ng	0.00
5) Phenol-d6	7.113	99	411	0.042	ng	0.06
8) Nitrobenzene-d5	9.134	82	2111	0.291	ng	0.03
11) 2-Methylnaphthalene-d10	12.309	152	4427	0.360	ng	0.01
14) 2,4,6-Tribromophenol	16.065	330	758	0.303	ng	0.01
15) 2-Fluorobiphenyl	13.176	172	6653	0.369	ng	0.01
27) Fluoranthene-d10	19.332	212	13023	0.411	ng	0.00
31) Terphenyl-d14	19.918	244	11778	0.467	ng	0.00
Target Compounds						Qvalue
34) Bis(2-ethylhexyl)phtha...	21.345	149	9548	0.296	ng	# 98

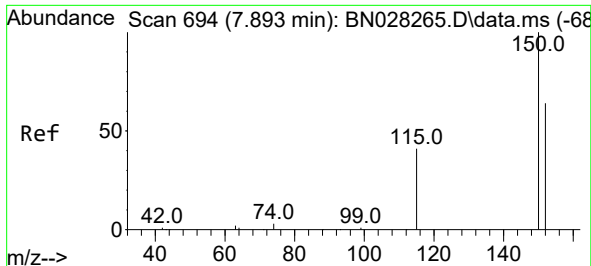
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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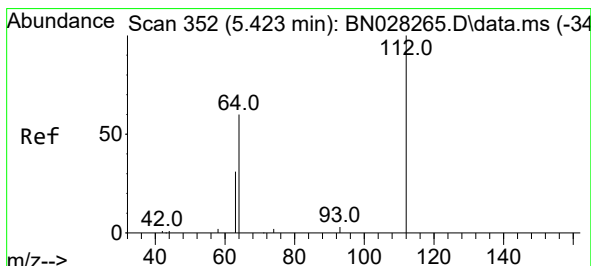
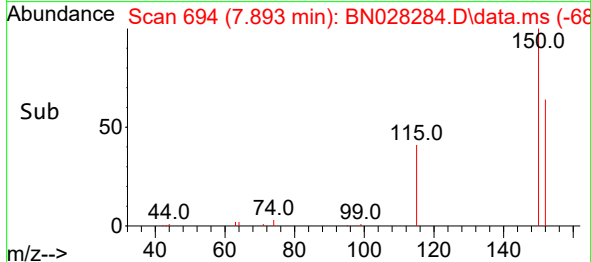
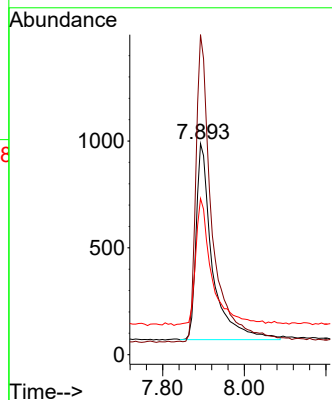
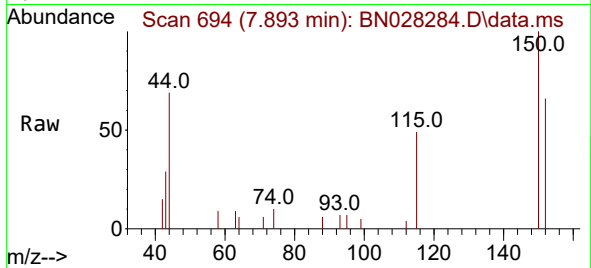




#1
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.893 min Scan# 694
Delta R.T. -0.000 min
Lab File: BN028284.D
Acq: 13 Oct 2023 18:54

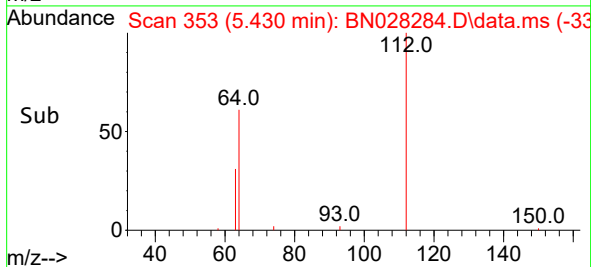
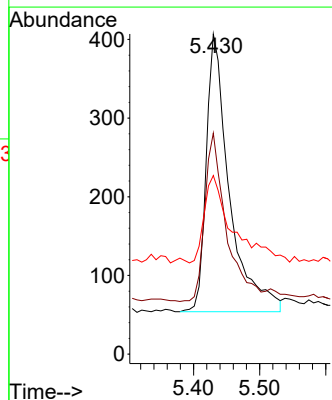
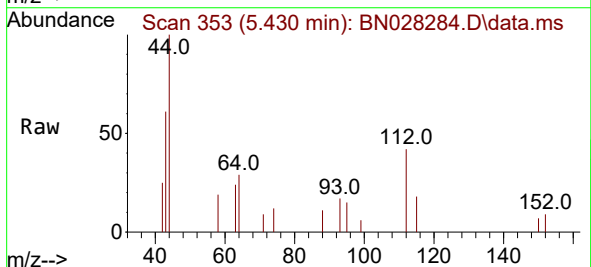
Instrument :
BNA_N
ClientSampleId :
MW-4D

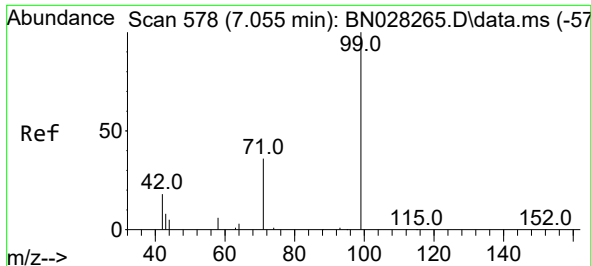
Tgt Ion:152 Resp: 2548
Ion Ratio Lower Upper
152 100
150 151.6 121.6 182.4
115 74.0 54.3 81.5



#4
2-Fluorophenol
Concen: 0.108 ng
RT: 5.430 min Scan# 353
Delta R.T. 0.007 min
Lab File: BN028284.D
Acq: 13 Oct 2023 18:54

Tgt Ion:112 Resp: 858
Ion Ratio Lower Upper
112 100
64 57.0 46.9 70.3
63 38.2 25.0 37.4#

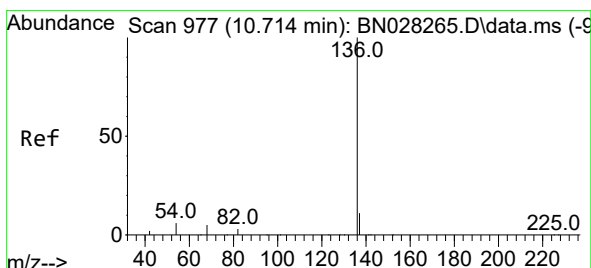
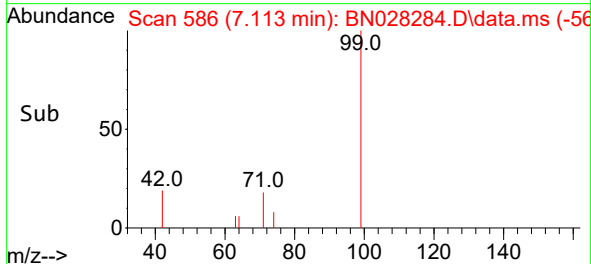
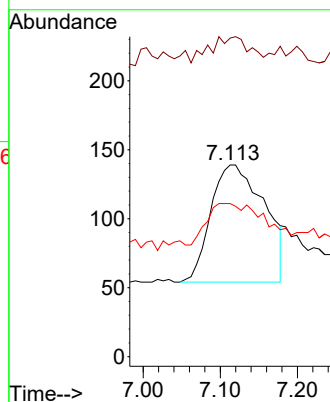
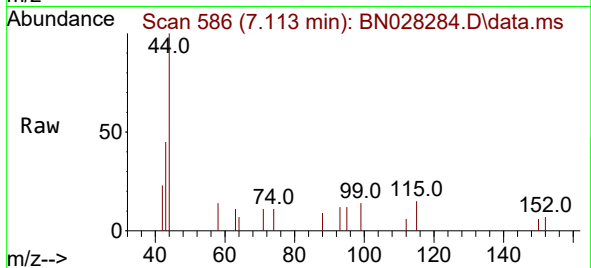




#5
Phenol-d6
Concen: 0.042 ng
RT: 7.113 min Scan# 586
Delta R.T. 0.058 min
Lab File: BN028284.D
Acq: 13 Oct 2023 18:54

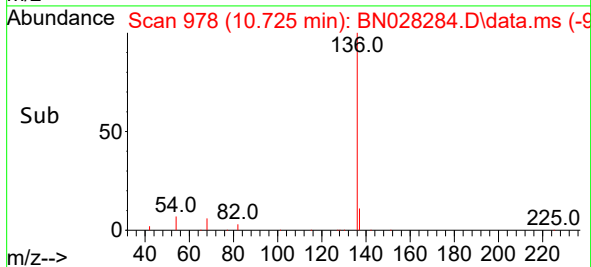
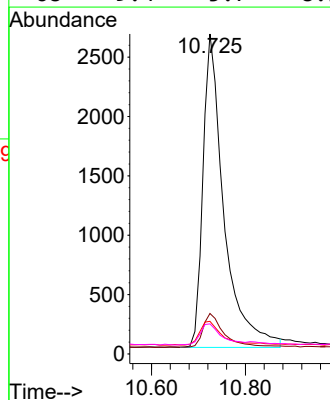
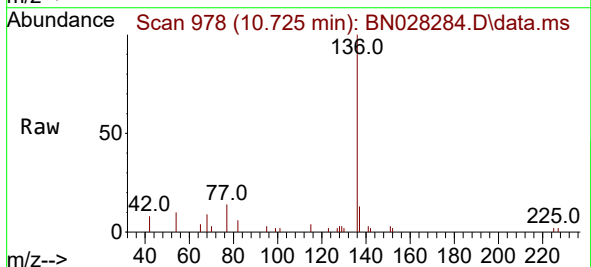
Instrument :
BNA_N
ClientSampleId :
MW-4D

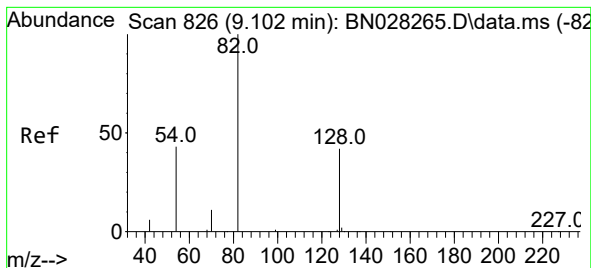
Tgt Ion: 99 Resp: 411
Ion Ratio Lower Upper
99 100
42 16.1 15.9 23.9
71 36.0 28.6 42.8



#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.725 min Scan# 978
Delta R.T. 0.011 min
Lab File: BN028284.D
Acq: 13 Oct 2023 18:54

Tgt Ion: 136 Resp: 8171
Ion Ratio Lower Upper
136 100
137 12.7 9.8 14.8
54 10.2 6.2 9.4#
68 9.4 5.7 8.5#

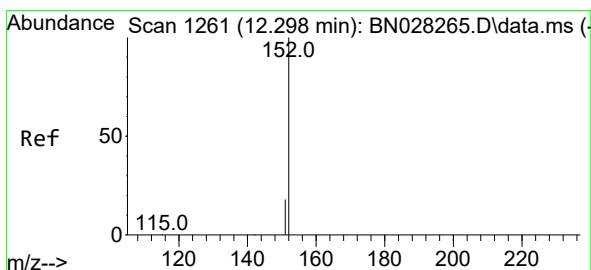
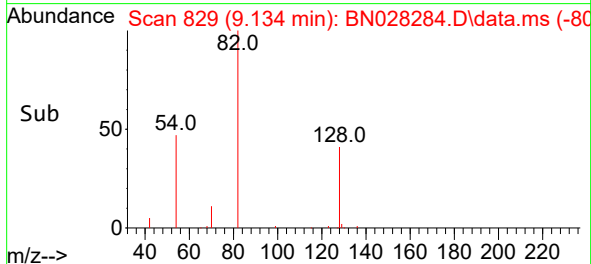
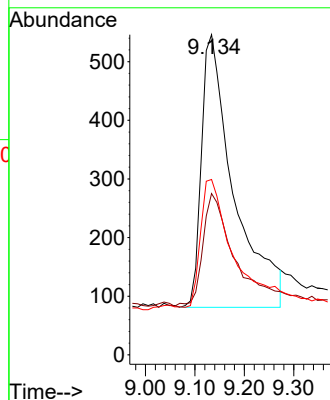
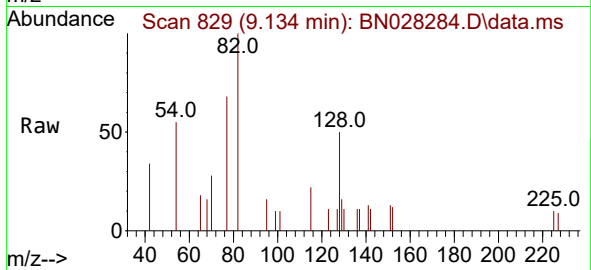




#8
Nitrobenzene-d5
Concen: 0.291 ng
RT: 9.134 min Scan# 81
Delta R.T. 0.032 min
Lab File: BN028284.D
Acq: 13 Oct 2023 18:54

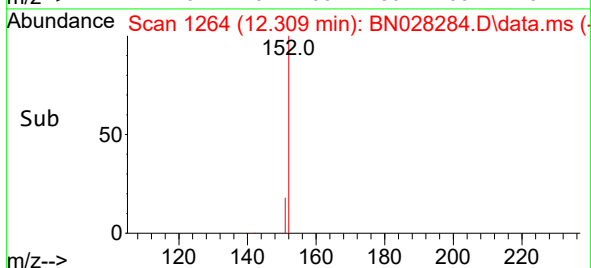
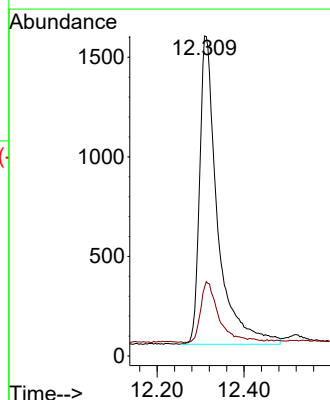
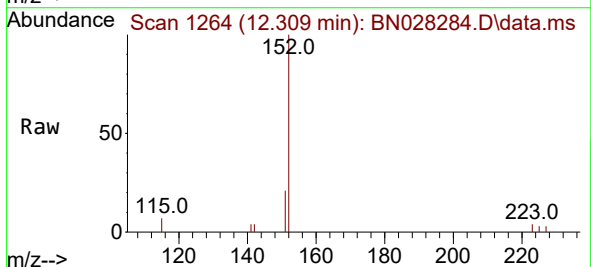
Instrument :
BNA_N
ClientSampleId :
MW-4D

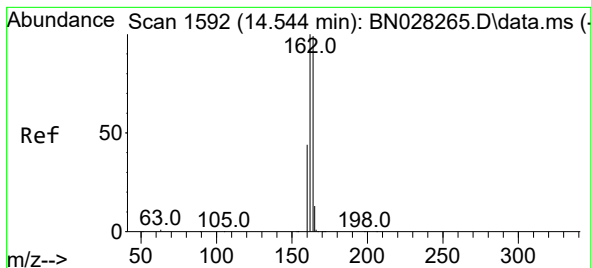
Tgt Ion: 82 Resp: 2111
Ion Ratio Lower Upper
82 100
128 50.4 36.8 55.2
54 54.8 37.4 56.2



#11
2-Methylnaphthalene-d10
Concen: 0.360 ng
RT: 12.309 min Scan# 1264
Delta R.T. 0.011 min
Lab File: BN028284.D
Acq: 13 Oct 2023 18:54

Tgt Ion:152 Resp: 4427
Ion Ratio Lower Upper
152 100
151 19.7 16.1 24.1





#13

Acenaphthene-d10

Concen: 0.400 ng

RT: 14.544 min Scan# 1

Delta R.T. -0.000 min

Lab File: BN028284.D

Acq: 13 Oct 2023 18:54

Instrument :

BNA_N

ClientSampleId :

MW-4D

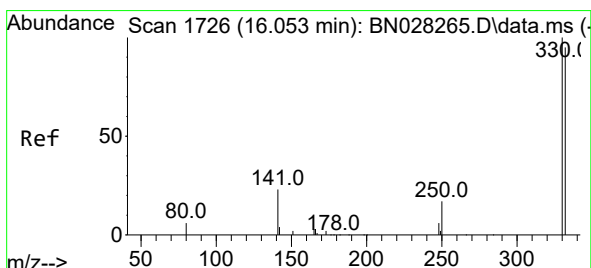
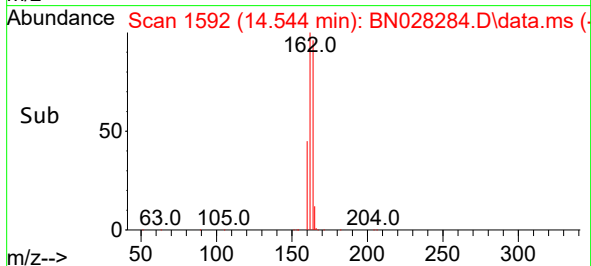
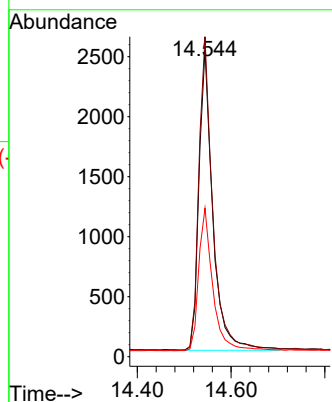
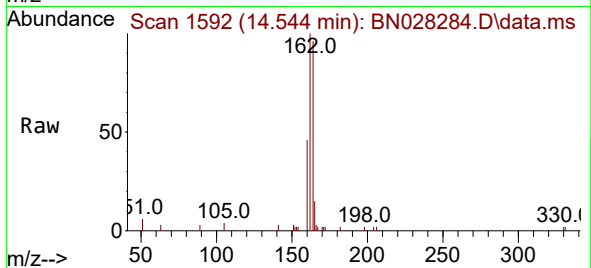
Tgt Ion:164 Resp: 5128

Ion Ratio Lower Upper

164 100

162 104.3 81.1 121.7

160 48.4 36.6 54.8



#14

2,4,6-Tribromophenol

Concen: 0.303 ng

RT: 16.065 min Scan# 1727

Delta R.T. 0.012 min

Lab File: BN028284.D

Acq: 13 Oct 2023 18:54

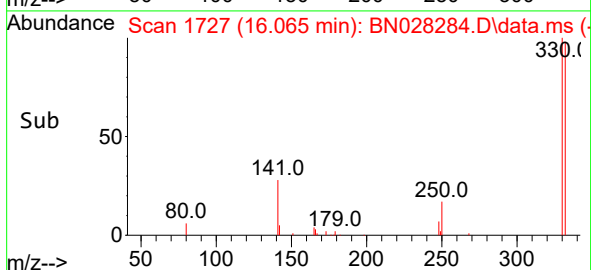
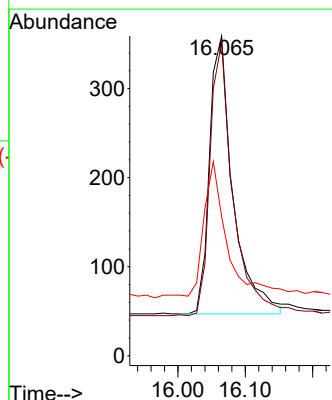
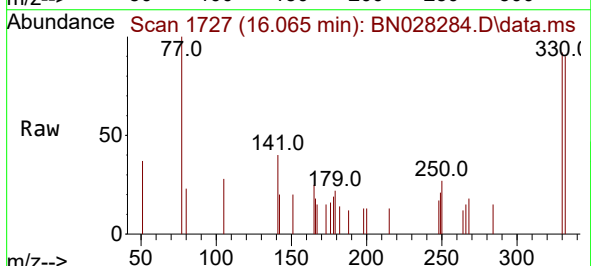
Tgt Ion:330 Resp: 758

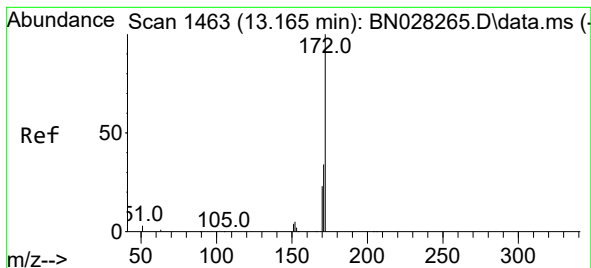
Ion Ratio Lower Upper

330 100

332 96.0 74.1 111.1

141 45.3 32.1 48.1





#15

2-Fluorobiphenyl

Concen: 0.369 ng

RT: 13.176 min Scan# 1463

Delta R.T. 0.011 min

Lab File: BN028284.D

Acq: 13 Oct 2023 18:54

Instrument :

BNA_N

ClientSampleId :

MW-4D

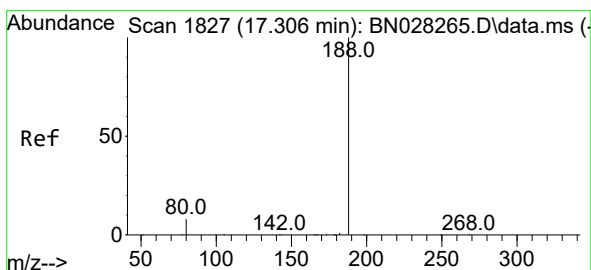
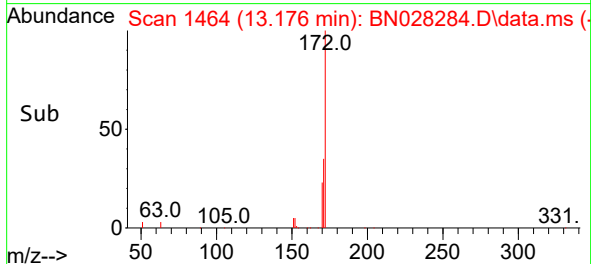
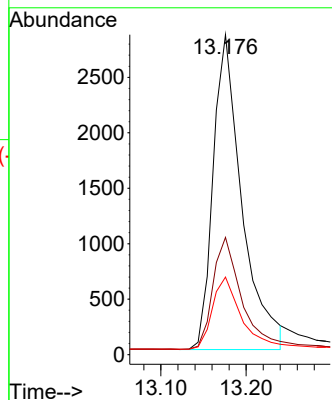
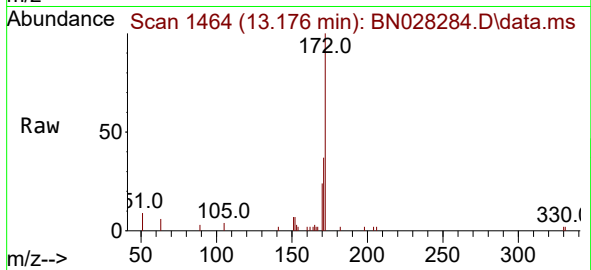
Tgt Ion:172 Resp: 6653

Ion Ratio Lower Upper

172 100

171 36.6 28.3 42.5

170 24.3 18.7 28.1



#19

Phenanthrene-d10

Concen: 0.400 ng

RT: 17.306 min Scan# 1827

Delta R.T. -0.000 min

Lab File: BN028284.D

Acq: 13 Oct 2023 18:54

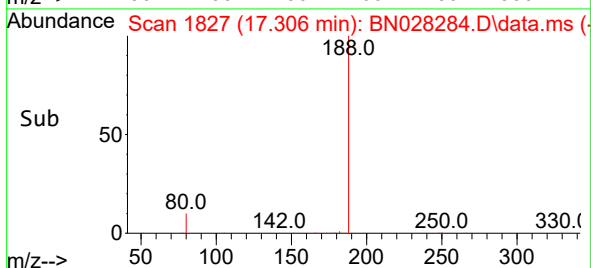
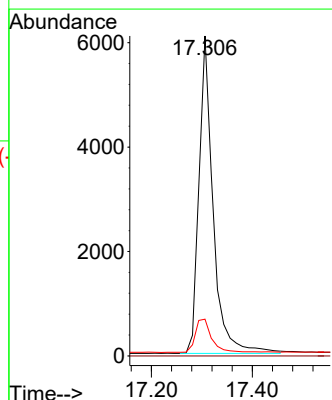
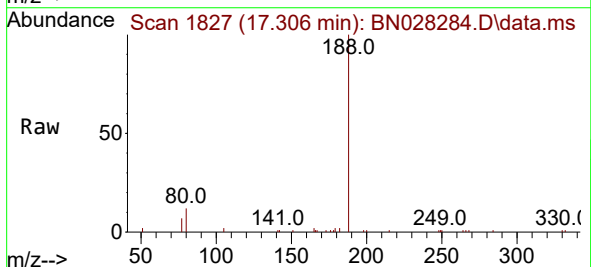
Tgt Ion:188 Resp: 11858

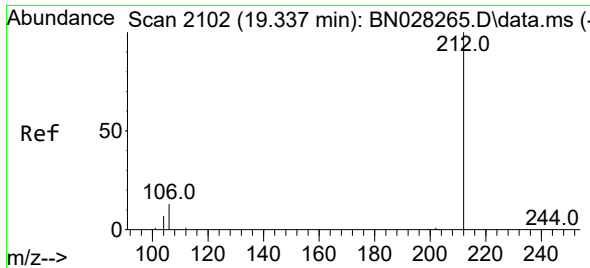
Ion Ratio Lower Upper

188 100

94 0.0 0.0 0.0

80 11.5 7.1 10.7#

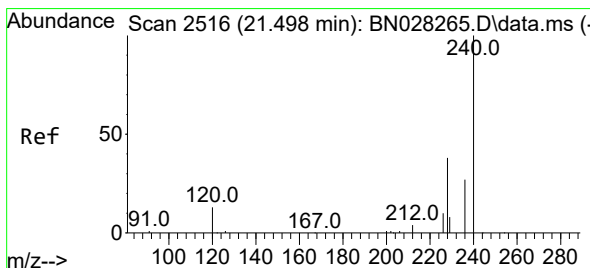
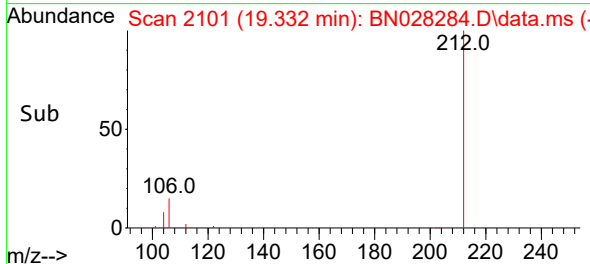
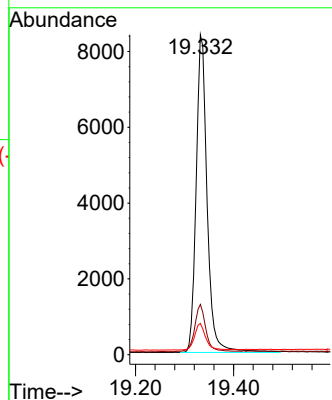
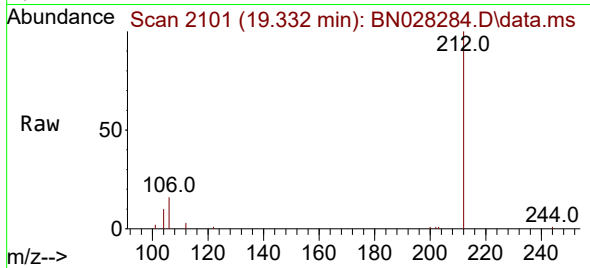




#27
Fluoranthene-d10
Concen: 0.411 ng
RT: 19.332 min Scan# 2102
Delta R.T. -0.005 min
Lab File: BN028284.D
Acq: 13 Oct 2023 18:54

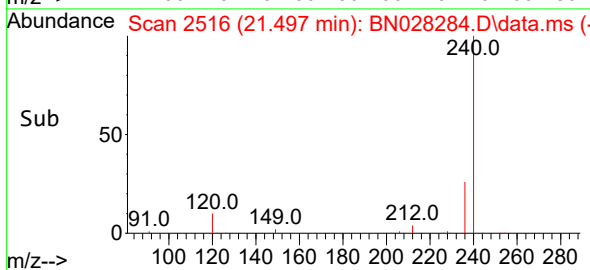
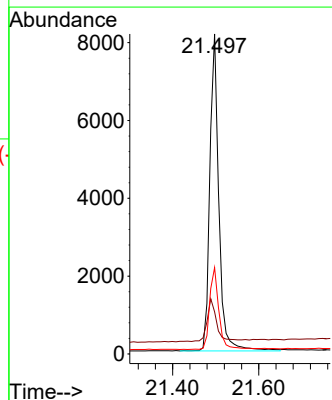
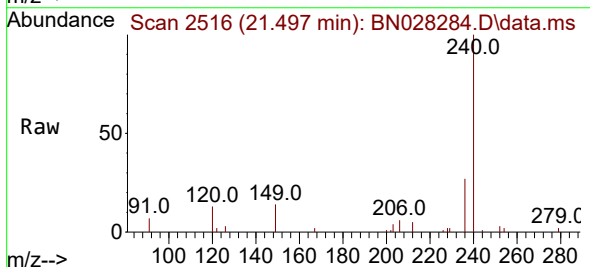
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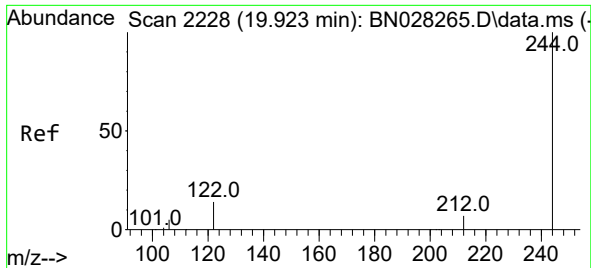
Tgt Ion:212 Resp: 13023
Ion Ratio Lower Upper
212 100
106 15.1 11.5 17.3
104 8.4 6.7 10.1



#29
Chrysene-d12
Concen: 0.400 ng
RT: 21.497 min Scan# 2516
Delta R.T. -0.000 min
Lab File: BN028284.D
Acq: 13 Oct 2023 18:54

Tgt Ion:240 Resp: 11873
Ion Ratio Lower Upper
240 100
120 13.2 13.4 20.0#
236 27.0 22.7 34.1

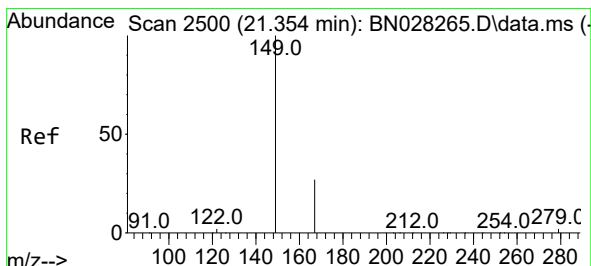
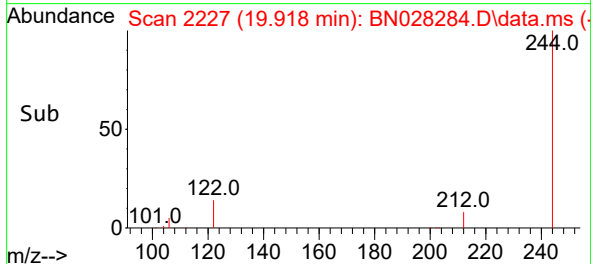
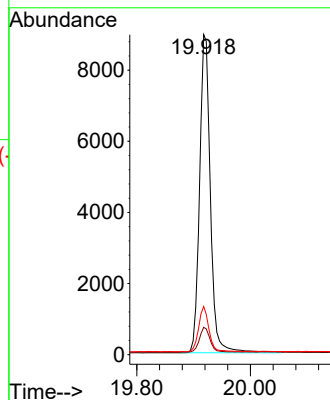
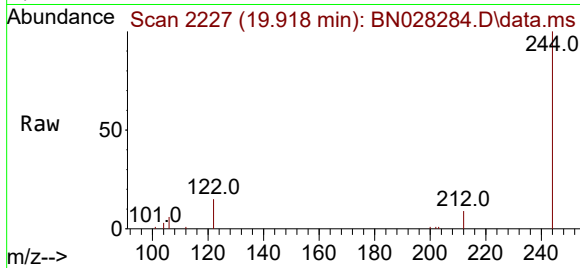




#31
Terphenyl-d14
Concen: 0.467 ng
RT: 19.918 min Scan# 2118
Delta R.T. -0.005 min
Lab File: BN028284.D
Acq: 13 Oct 2023 18:54

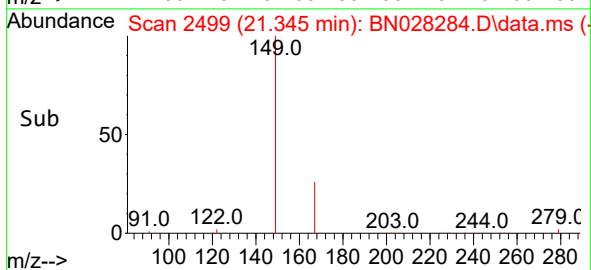
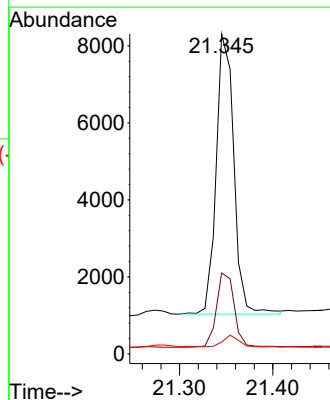
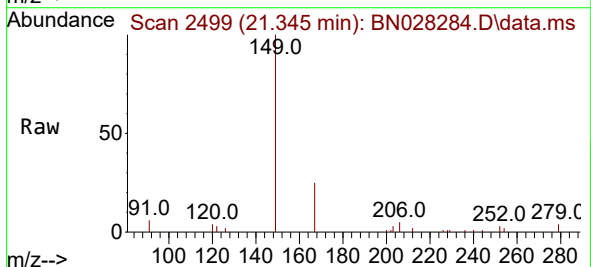
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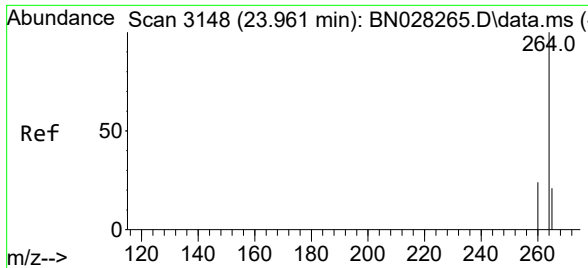
Tgt Ion:244 Resp: 11778
Ion Ratio Lower Upper
244 100
212 8.5 6.6 10.0
122 15.0 11.7 17.5



#34
Bis(2-ethylhexyl)phthalate
Concen: 0.296 ng
RT: 21.345 min Scan# 2499
Delta R.T. -0.009 min
Lab File: BN028284.D
Acq: 13 Oct 2023 18:54

Tgt Ion:149 Resp: 9548
Ion Ratio Lower Upper
149 100
167 27.2 22.6 34.0
279 3.8 4.2 6.2#





#35
 Perylene-d12
 Concen: 0.400 ng
 RT: 23.949 min Scan# 3144
 Delta R.T. -0.012 min
 Lab File: BN028284.D
 Acq: 13 Oct 2023 18:54

Instrument :
 BNA_N
 ClientSampleId :
 MW-4D

Tgt Ion:264 Resp: 13546
 Ion Ratio Lower Upper
 264 100
 260 26.2 20.7 31.1
 265 55.5 38.3 57.5

