

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN101323\
 Data File : BN028287.D
 Acq On : 13 Oct 2023 20:43
 Operator : MA/JU
 Sample : 04860-06
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 MW-471

Quant Time: Oct 14 00:23:57 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

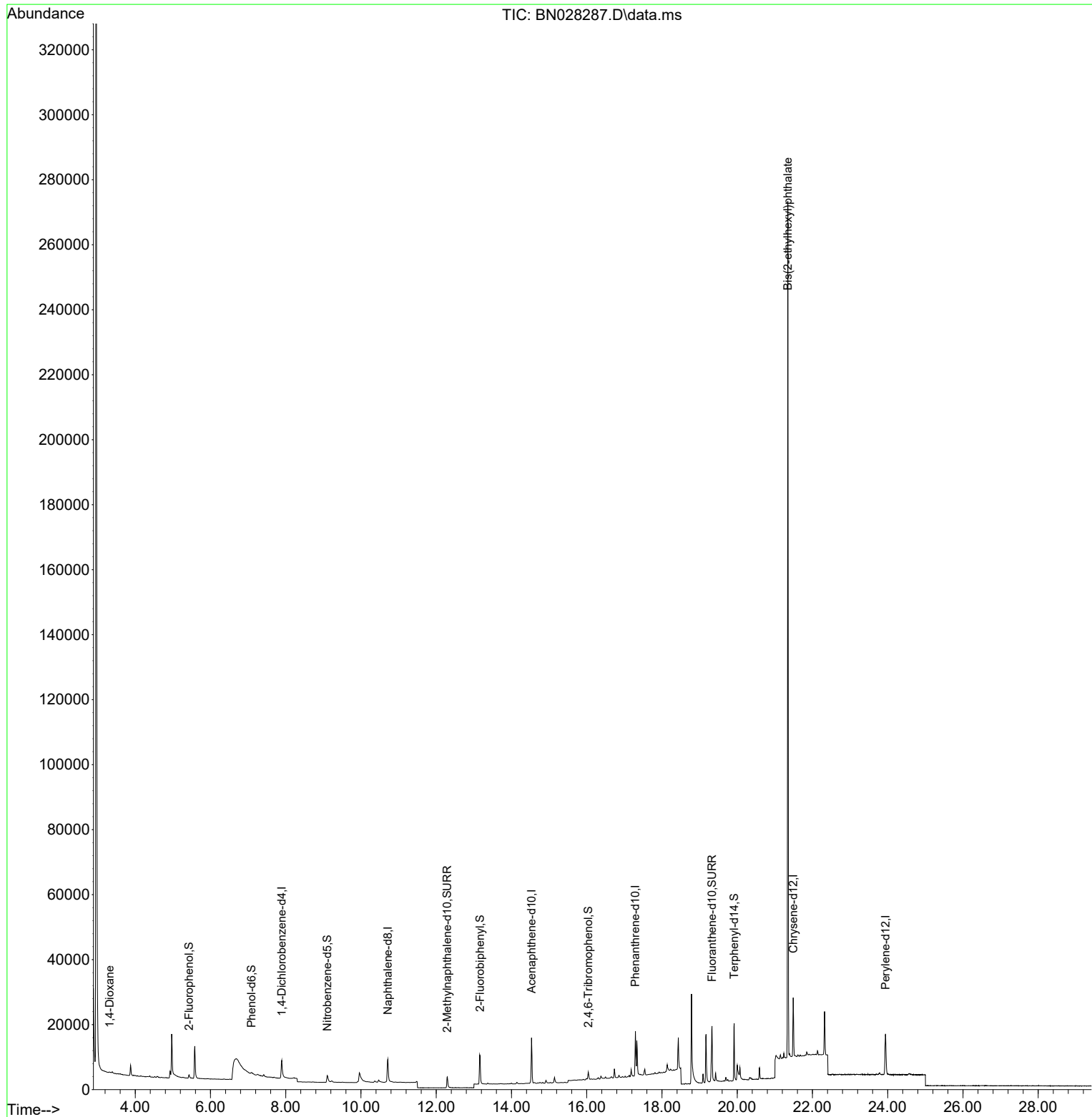
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.893	152	3645	0.400	ng	0.00
7) Naphthalene-d8	10.714	136	12589	0.400	ng	0.00
13) Acenaphthene-d10	14.534	164	8169	0.400	ng	-0.01
19) Phenanthrene-d10	17.294	188	18376	0.400	ng	#-0.01
29) Chrysene-d12	21.488	240	16948	0.400	ng	0.00
35) Perylene-d12	23.940	264	18214	0.400	ng	-0.02
System Monitoring Compounds						
4) 2-Fluorophenol	5.430	112	1225	0.108	ng	0.00
5) Phenol-d6	7.091	99	874	0.063	ng	0.04
8) Nitrobenzene-d5	9.102	82	3088	0.277	ng	0.00
11) 2-Methylnaphthalene-d10	12.294	152	5877	0.311	ng	0.00
14) 2,4,6-Tribromophenol	16.040	330	1367	0.343	ng	-0.01
15) 2-Fluorobiphenyl	13.165	172	9864	0.343	ng	0.00
27) Fluoranthene-d10	19.328	212	17506	0.356	ng	0.00
31) Terphenyl-d14	19.918	244	16838	0.468	ng	0.00
Target Compounds						
2) 1,4-Dioxane	3.321	88	350	0.079	ng	# 59
34) Bis(2-ethylhexyl)phtha...	21.345	149	217142	4.721	ng	# 98

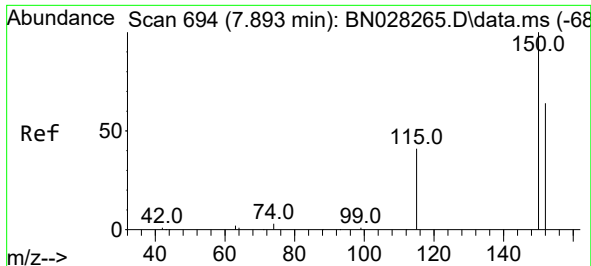
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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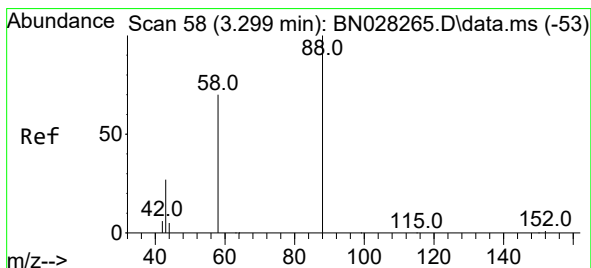
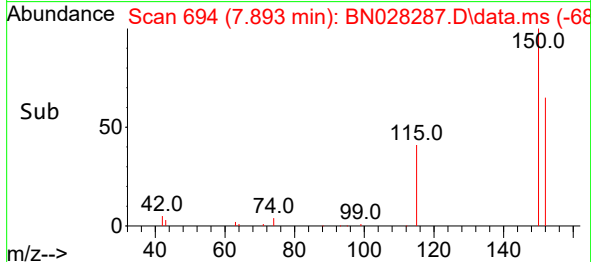
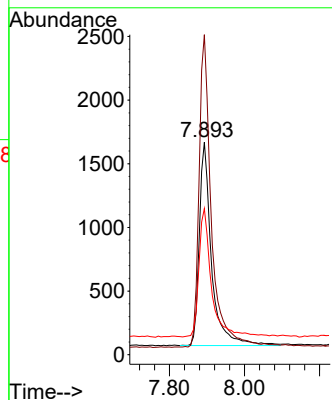
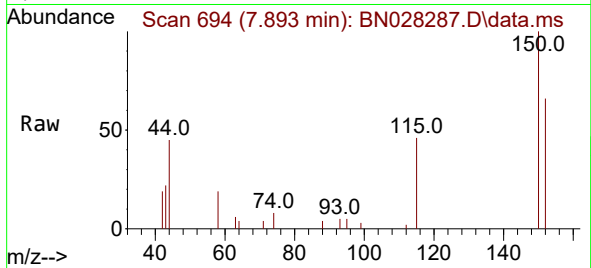




#1
 1,4-Dichlorobenzene-d4
 Concen: 0.400 ng
 RT: 7.893 min Scan# 61
 Delta R.T. -0.000 min
 Lab File: BN028287.D
 Acq: 13 Oct 2023 20:43

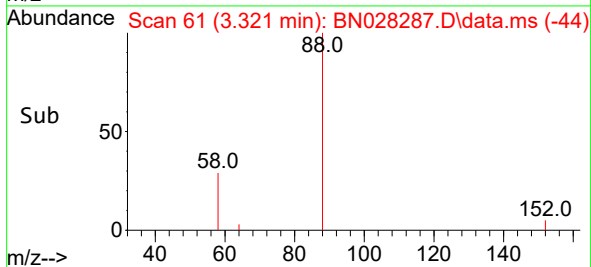
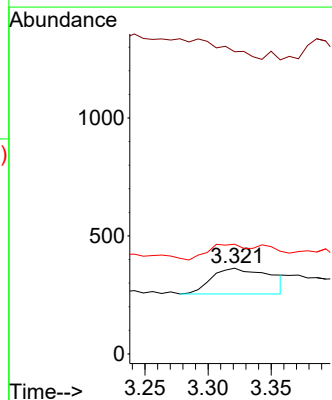
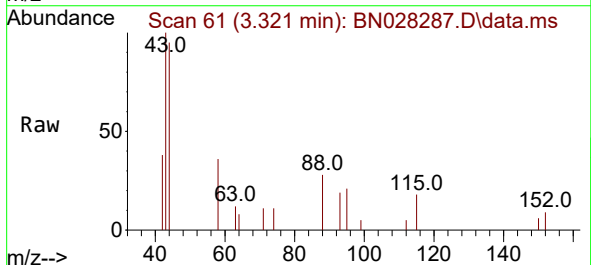
Instrument :
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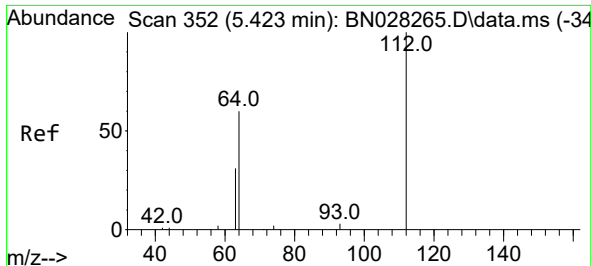
Tgt Ion:152 Resp: 3645
 Ion Ratio Lower Upper
 152 100
 150 150.6 121.6 182.4
 115 68.8 54.3 81.5



#2
 1,4-Dioxane
 Concen: 0.079 ng
 RT: 3.321 min Scan# 61
 Delta R.T. 0.022 min
 Lab File: BN028287.D
 Acq: 13 Oct 2023 20:43

Tgt Ion: 88 Resp: 350
 Ion Ratio Lower Upper
 88 100
 43 0.0 26.6 39.8#
 58 42.9 55.4 83.0#

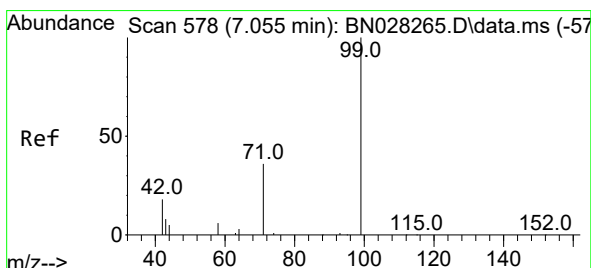
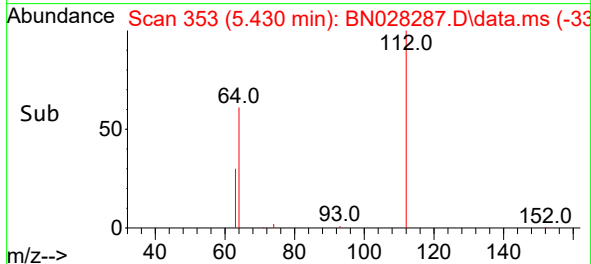
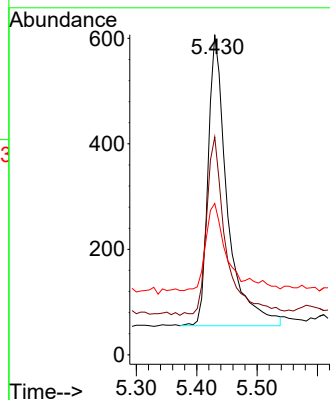
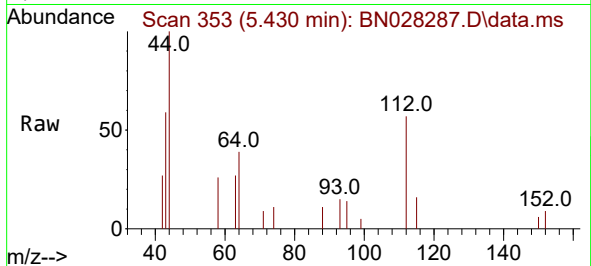




#4
2-Fluorophenol
Concen: 0.108 ng
RT: 5.430 min Scan# 311
Delta R.T. 0.007 min
Lab File: BN028287.D
Acq: 13 Oct 2023 20:43

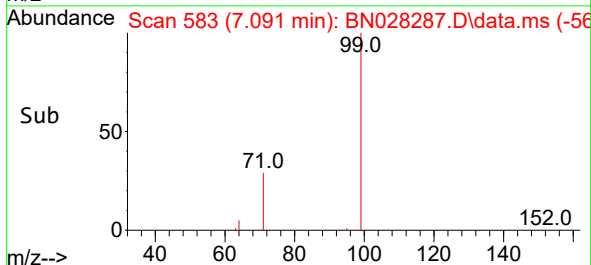
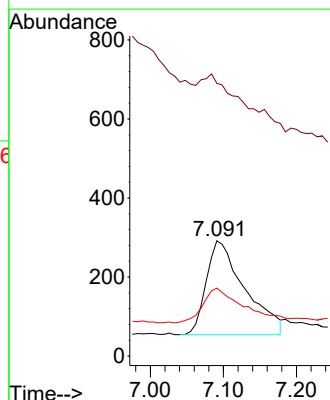
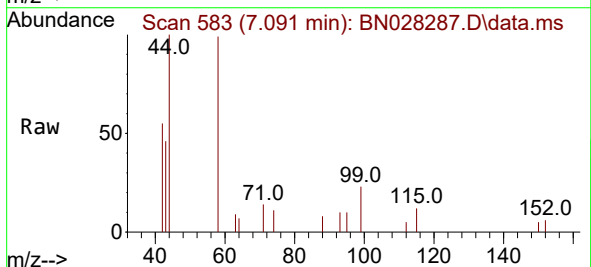
Instrument :
BNA_N
ClientSampleId :
MW-471

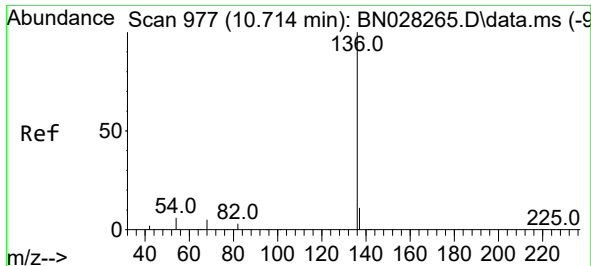
Tgt Ion:112 Resp: 1225
Ion Ratio Lower Upper
112 100
64 62.1 46.9 70.3
63 30.0 25.0 37.4



#5
Phenol-d6
Concen: 0.063 ng
RT: 7.091 min Scan# 583
Delta R.T. 0.036 min
Lab File: BN028287.D
Acq: 13 Oct 2023 20:43

Tgt Ion: 99 Resp: 874
Ion Ratio Lower Upper
99 100
42 0.0 15.9 23.9#
71 38.6 28.6 42.8

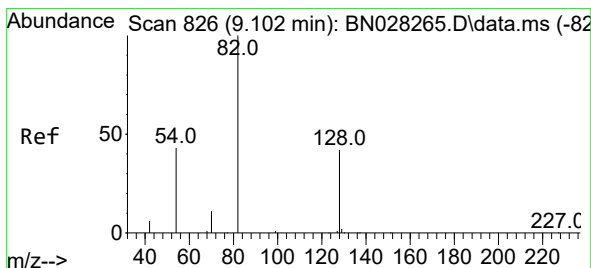
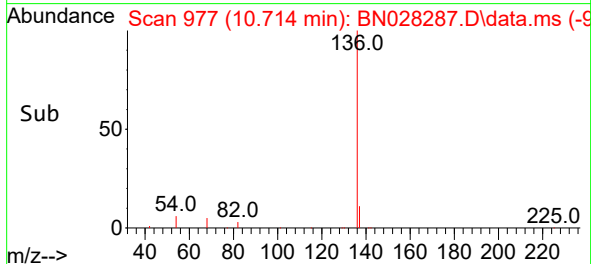
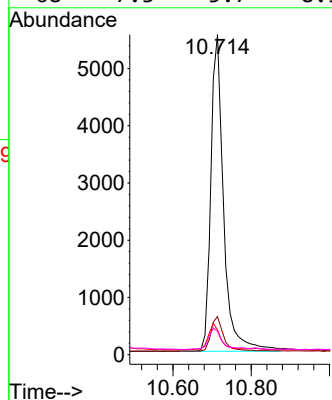
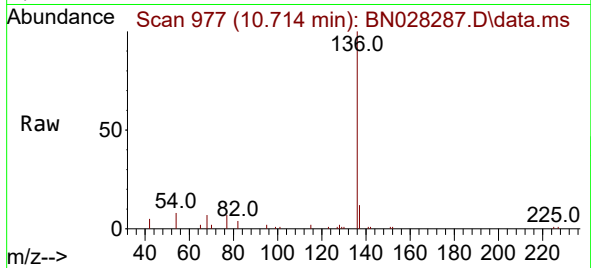




#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.714 min Scan# 91
Delta R.T. -0.000 min
Lab File: BN028287.D
Acq: 13 Oct 2023 20:43

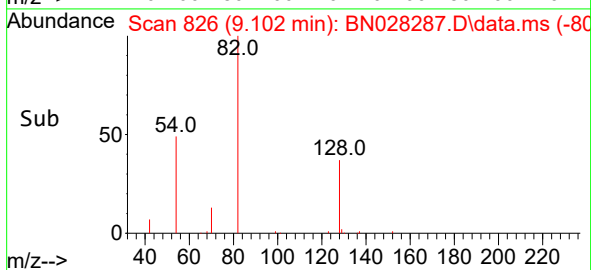
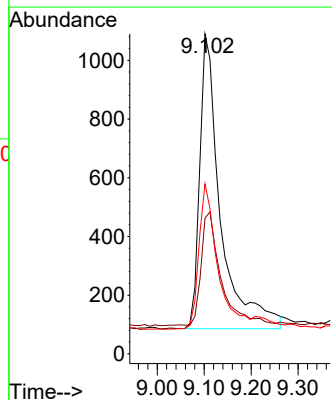
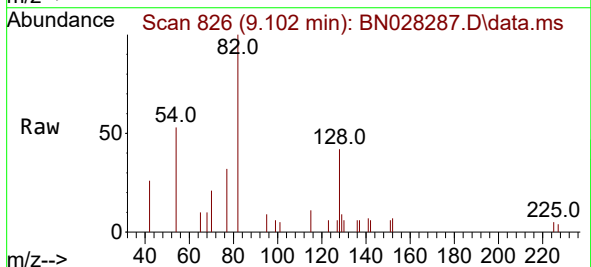
Instrument :
BNA_N
ClientSampleId :
MW-471

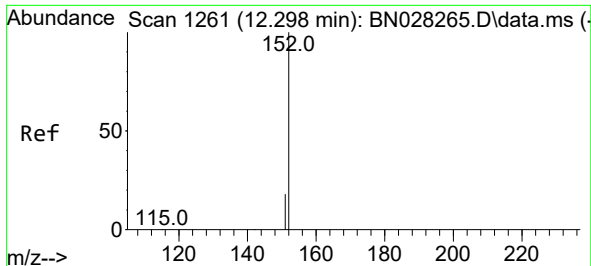
Tgt Ion:	136	Resp:	12589
Ion Ratio	Lower	Upper	
136	100		
137	11.9	9.8	14.8
54	7.7	6.2	9.4
68	7.3	5.7	8.5



#8
Nitrobenzene-d5
Concen: 0.277 ng
RT: 9.102 min Scan# 826
Delta R.T. -0.000 min
Lab File: BN028287.D
Acq: 13 Oct 2023 20:43

Tgt Ion:	82	Resp:	3088
Ion Ratio	Lower	Upper	
82	100		
128	42.4	36.8	55.2
54	53.1	37.4	56.2

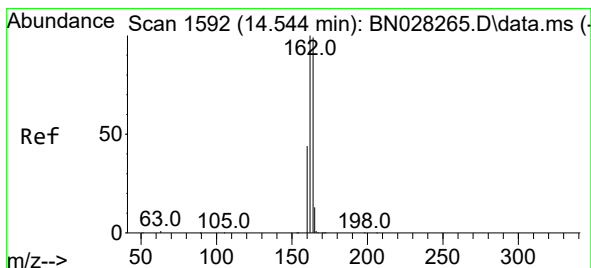
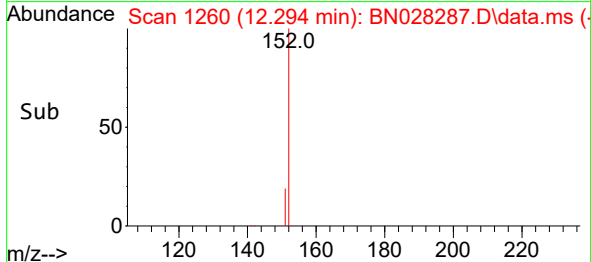
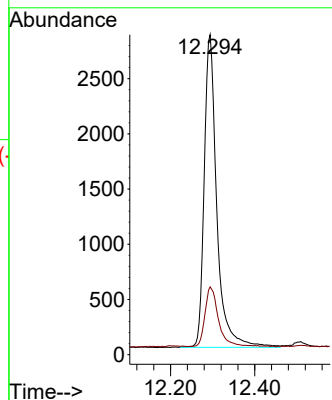
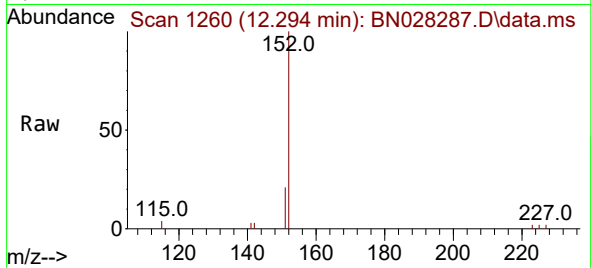




#11
2-Methylnaphthalene-d10
Concen: 0.311 ng
RT: 12.294 min Scan# 11
Delta R.T. -0.004 min
Lab File: BN028287.D
Acq: 13 Oct 2023 20:43

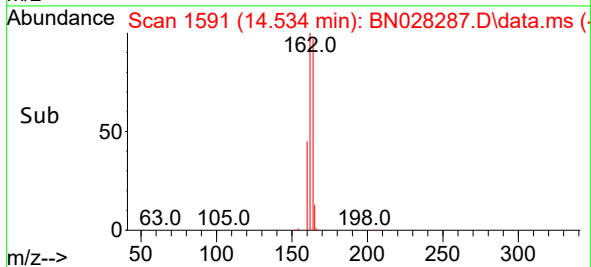
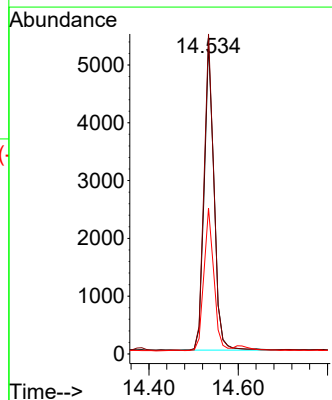
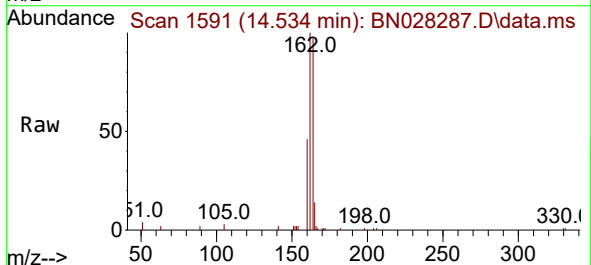
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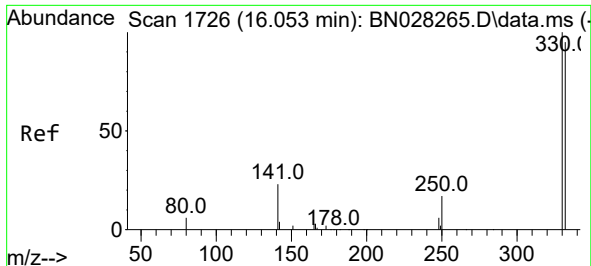
Tgt Ion:152 Resp: 5877
Ion Ratio Lower Upper
152 100
151 20.0 16.1 24.1



#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.534 min Scan# 1591
Delta R.T. -0.011 min
Lab File: BN028287.D
Acq: 13 Oct 2023 20:43

Tgt Ion:164 Resp: 8169
Ion Ratio Lower Upper
164 100
162 103.0 81.1 121.7
160 47.0 36.6 54.8

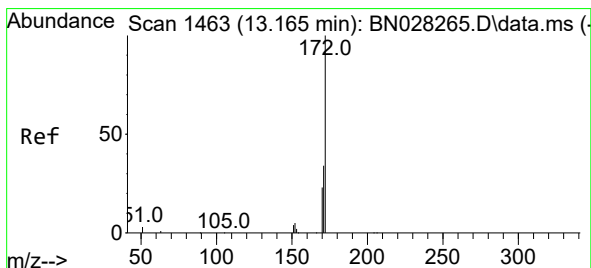
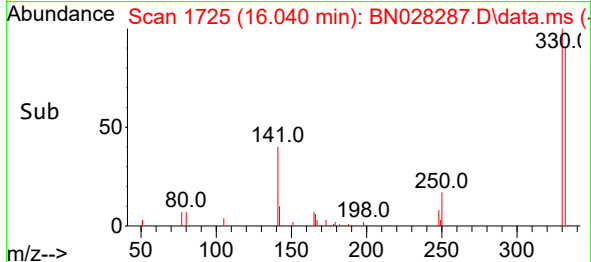
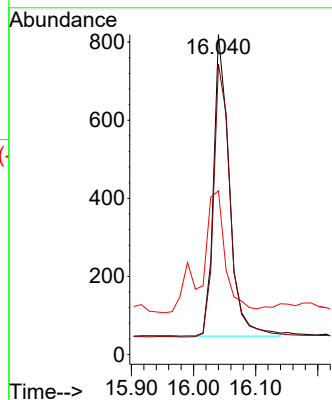
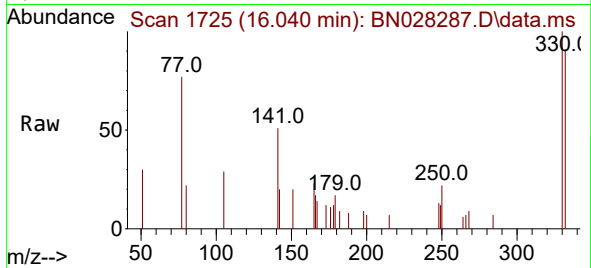




#14
2,4,6-Tribromophenol
Concen: 0.343 ng
RT: 16.040 min Scan# 1725
Delta R.T. -0.013 min
Lab File: BN028287.D
Acq: 13 Oct 2023 20:43

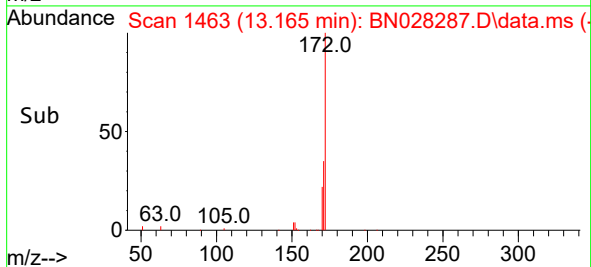
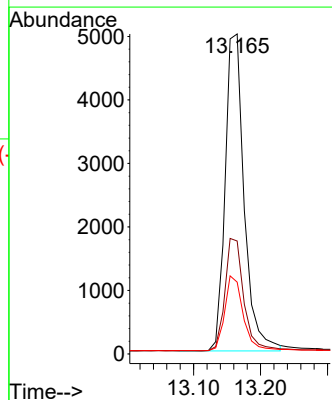
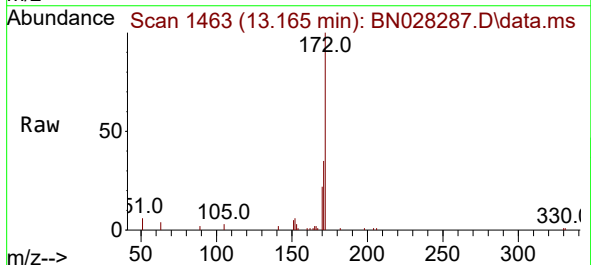
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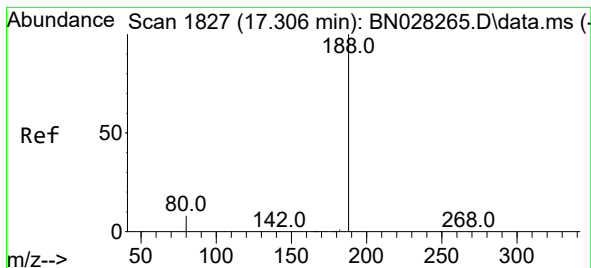
Tgt Ion: 330 Resp: 1367
Ion Ratio Lower Upper
330 100
332 95.7 74.1 111.1
141 58.7 32.1 48.1#



#15
2-Fluorobiphenyl
Concen: 0.343 ng
RT: 13.165 min Scan# 1463
Delta R.T. -0.000 min
Lab File: BN028287.D
Acq: 13 Oct 2023 20:43

Tgt Ion: 172 Resp: 9864
Ion Ratio Lower Upper
172 100
171 35.3 28.3 42.5
170 22.4 18.7 28.1





#19

Phenanthrene-d10

Concen: 0.400 ng

RT: 17.294 min Scan# 11

Delta R.T. -0.013 min

Lab File: BN028287.D

Acq: 13 Oct 2023 20:43

Instrument :

BNA_N

ClientSampleId :

MW-471

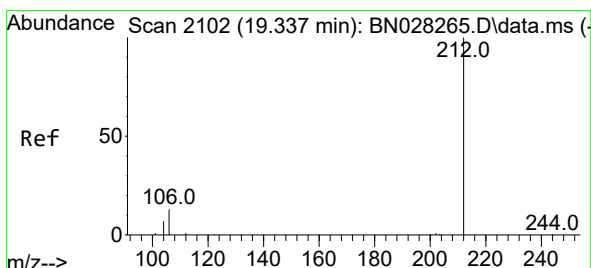
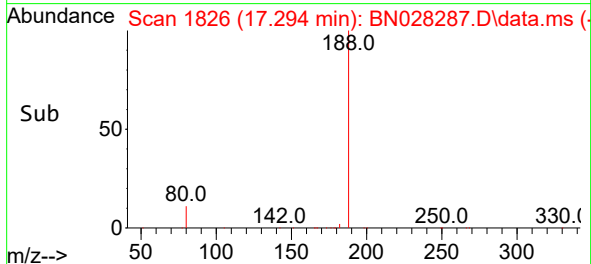
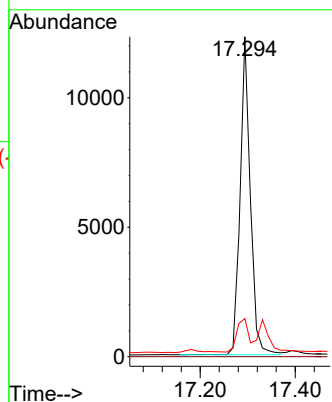
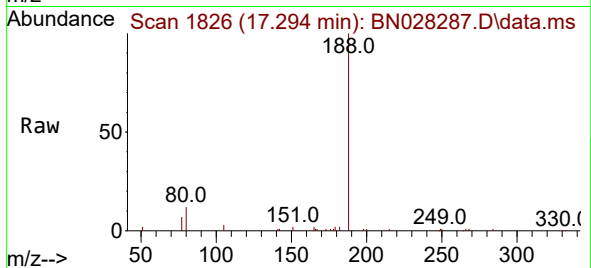
Tgt Ion:188 Resp: 18376

Ion Ratio Lower Upper

188 100

94 0.0 0.0 0.0

80 11.9 7.1 10.7#



#27

Fluoranthene-d10

Concen: 0.356 ng

RT: 19.328 min Scan# 2100

Delta R.T. -0.009 min

Lab File: BN028287.D

Acq: 13 Oct 2023 20:43

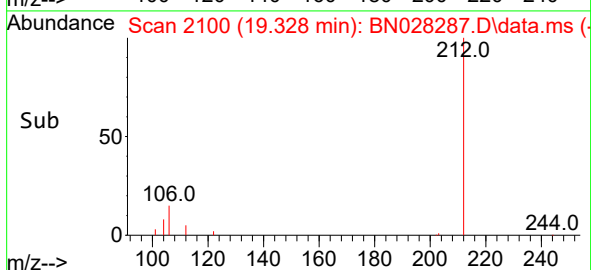
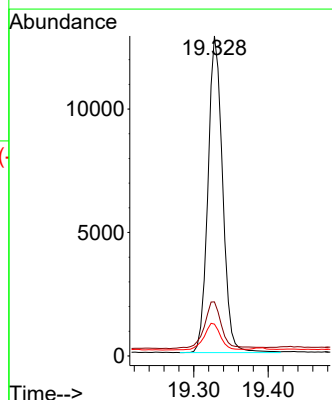
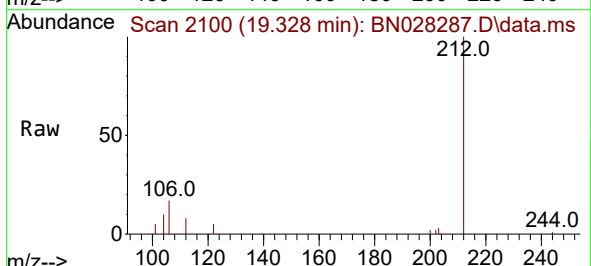
Tgt Ion:212 Resp: 17506

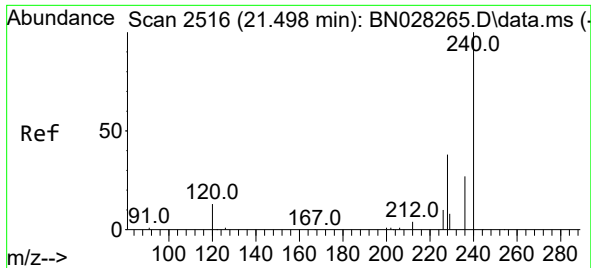
Ion Ratio Lower Upper

212 100

106 17.4 11.5 17.3#

104 9.7 6.7 10.1

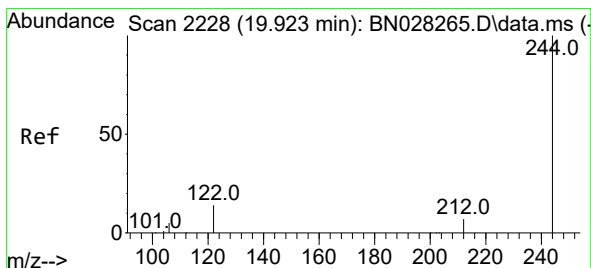
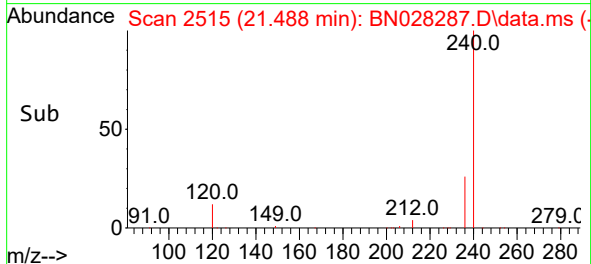
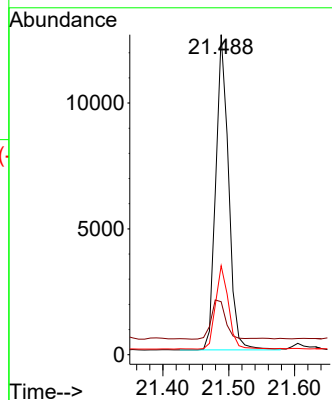
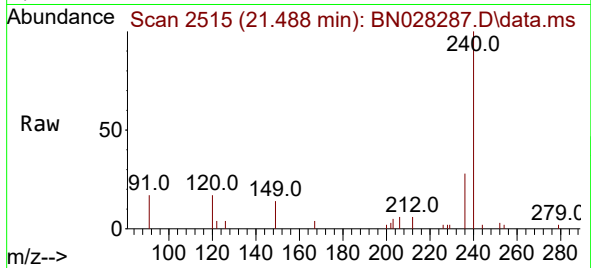




#29
Chrysene-d12
Concen: 0.400 ng
RT: 21.488 min Scan# 2148
Delta R.T. -0.009 min
Lab File: BN028287.D
Acq: 13 Oct 2023 20:43

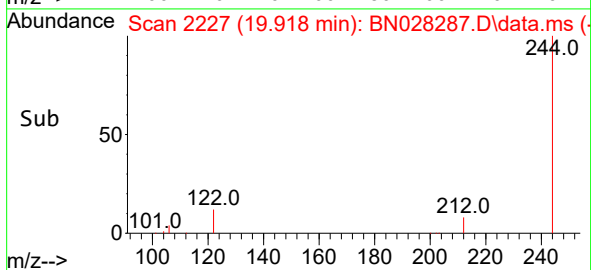
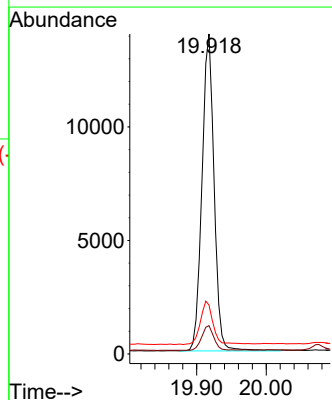
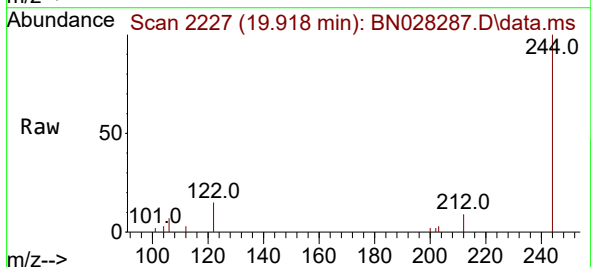
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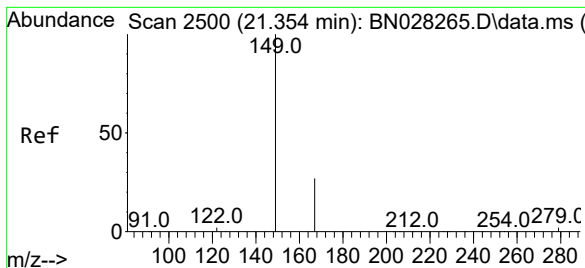
Tgt Ion:240 Resp: 16948
Ion Ratio Lower Upper
240 100
120 16.6 13.4 20.0
236 27.8 22.7 34.1



#31
Terphenyl-d14
Concen: 0.468 ng
RT: 19.918 min Scan# 2227
Delta R.T. -0.005 min
Lab File: BN028287.D
Acq: 13 Oct 2023 20:43

Tgt Ion:244 Resp: 16838
Ion Ratio Lower Upper
244 100
212 8.8 6.6 10.0
122 15.3 11.7 17.5

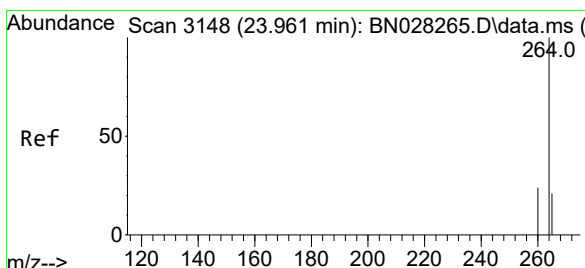
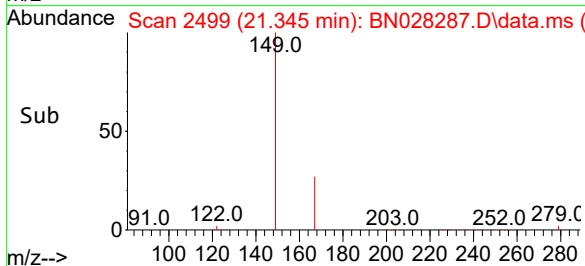
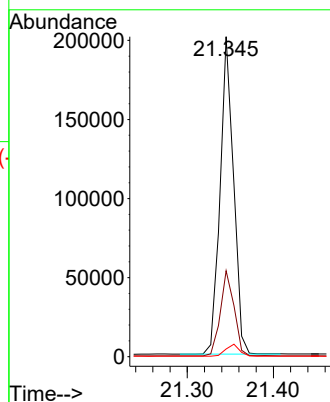
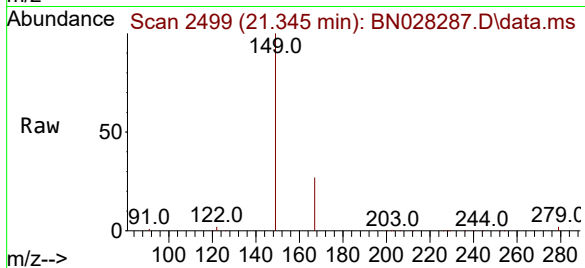




#34
 Bis(2-ethylhexyl)phthalate
 Concen: 4.721 ng
 RT: 21.345 min Scan# 2499
 Delta R.T. -0.009 min
 Lab File: BN028287.D
 Acq: 13 Oct 2023 20:43

Instrument :
 BNA_N
 ClientSampleId :
 MW-471

Tgt Ion:149 Resp: 217142
 Ion Ratio Lower Upper
 149 100
 167 27.3 22.6 34.0
 279 3.8 4.2 6.2#



#35
 Perylene-d12
 Concen: 0.400 ng
 RT: 23.940 min Scan# 3141
 Delta R.T. -0.021 min
 Lab File: BN028287.D
 Acq: 13 Oct 2023 20:43

Tgt Ion:264 Resp: 18214
 Ion Ratio Lower Upper
 264 100
 260 25.4 20.7 31.1
 265 47.5 38.3 57.5

