

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 00:18:02 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)

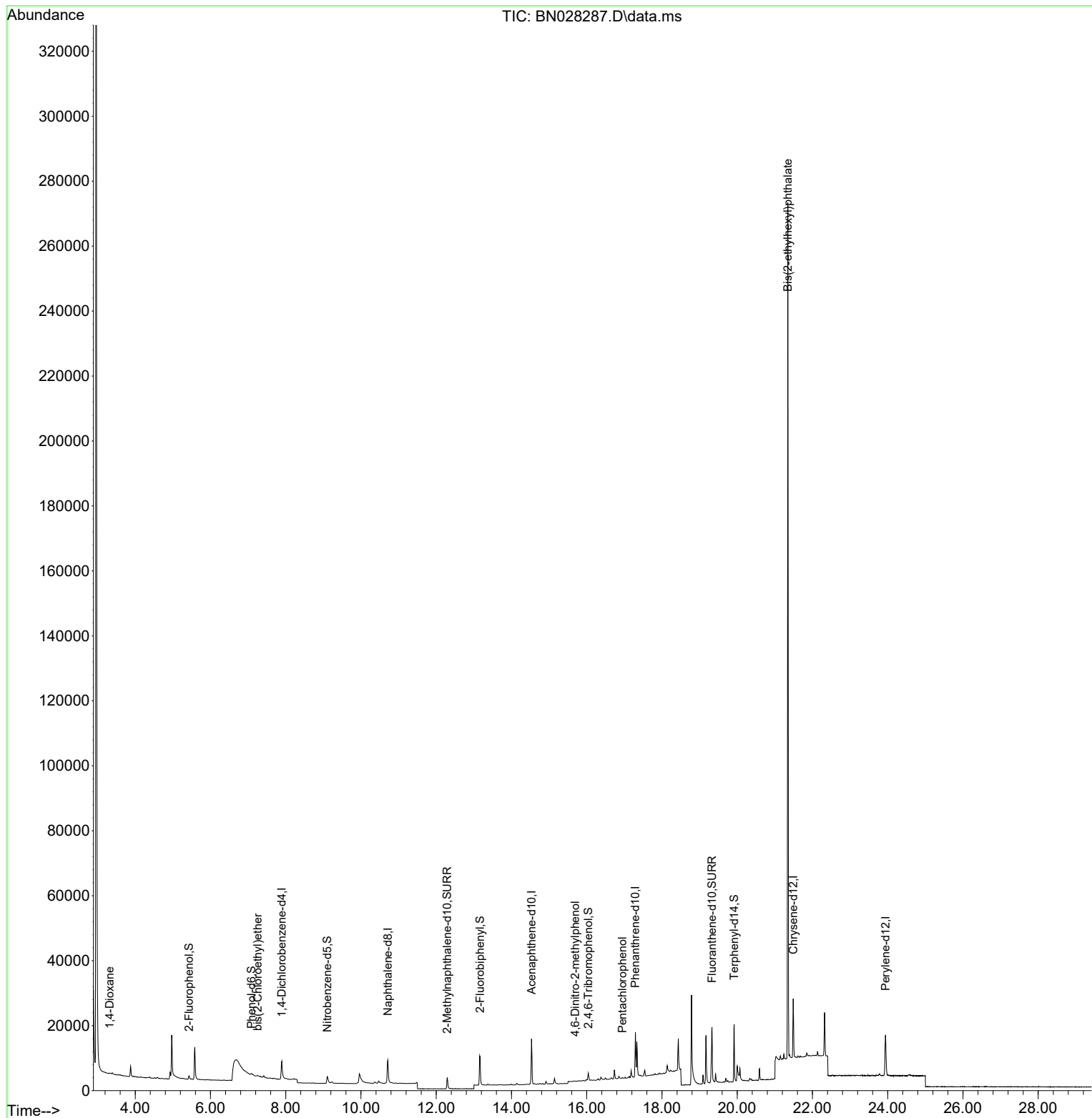
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.893	152	3645	0.400	ng	0.00
7) Naphthalene-d8	10.714	136	12589	0.400	ng	0.00
13) Acenaphthene-d10	14.534	164	8169	0.400	ng	-0.01
19) Phenanthrene-d10	17.294	188	18376	0.400	ng	#-0.01
29) Chrysene-d12	21.488	240	16948	0.400	ng	0.00
35) Perylene-d12	23.940	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						Qvalue
2) 1,4-Dioxane	3.321	88	350	0.079	ng	# 59
6) bis(2-Chloroethyl)ether	7.257	93	227	0.021	ng	# 34
20) 4,6-Dinitro-2-methylph...	15.693	198	17	0.194	ng	# 1
24) Pentachlorophenol	16.946	266	124	0.028	ng	# 70
34) Bis(2-ethylhexyl)phtha...	21.345	149	217142	4.721	ng	# 98

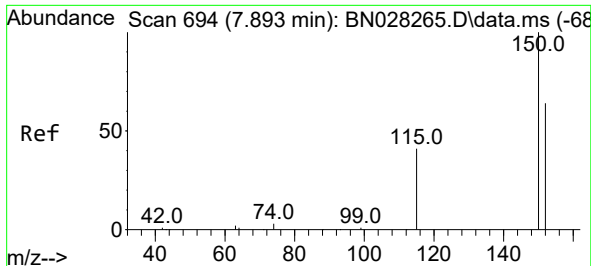
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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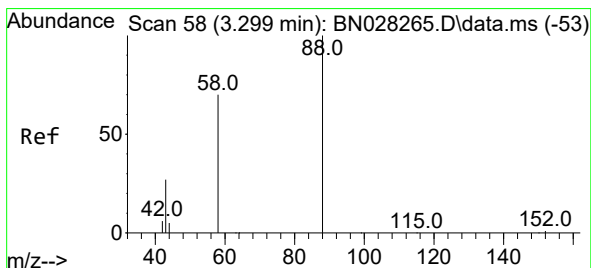
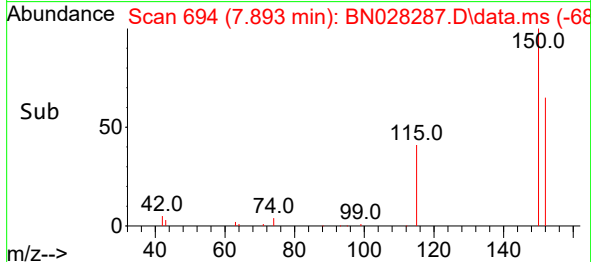
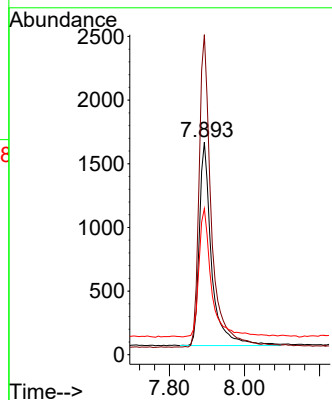
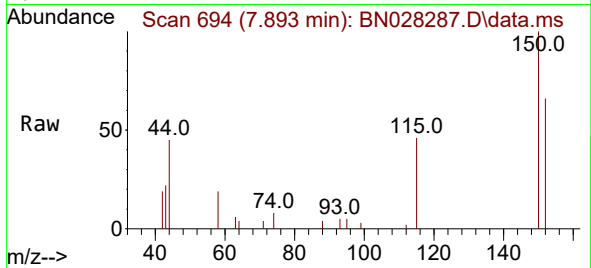




#1
 1,4-Dichlorobenzene-d4
 Concen: 0.400 ng
 RT: 7.893 min Scan# 61
 Delta R.T. -0.000 min
 Lab File: BN028287.D
 Acq: 13 Oct 2023 20:43

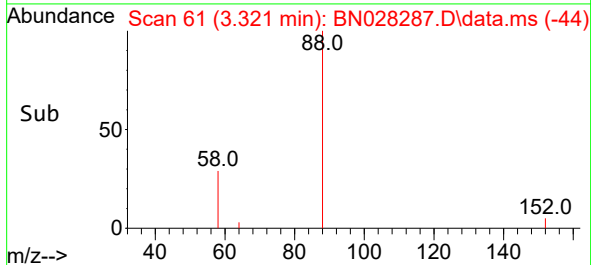
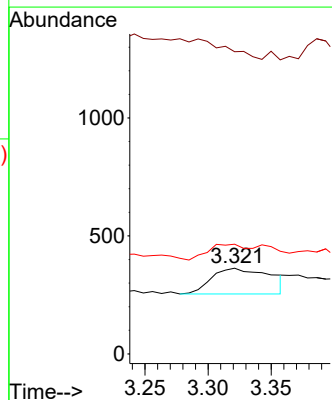
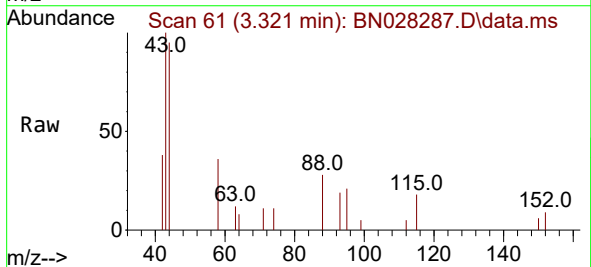
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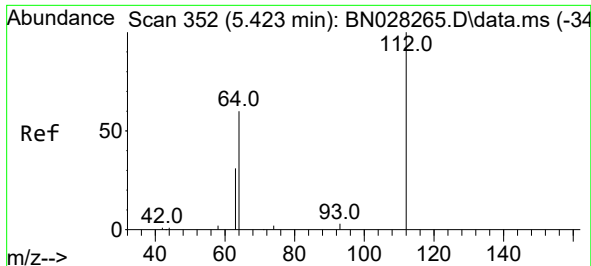
Tgt Ion:152 Resp: 3645
 Ion Ratio Lower Upper
 152 100
 150 150.6 121.6 182.4
 115 68.8 54.3 81.5



#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#

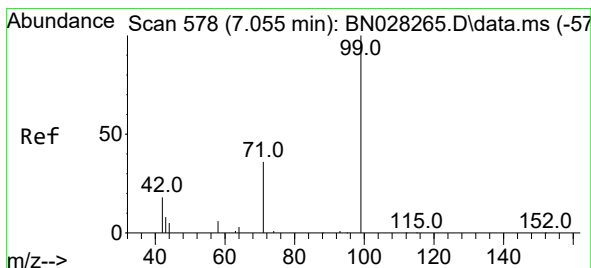
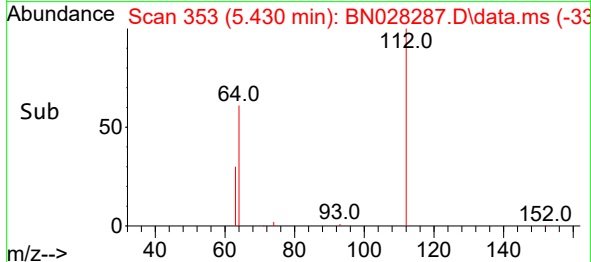
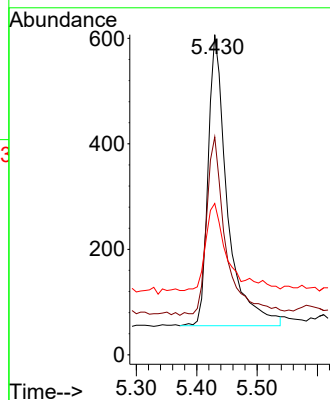
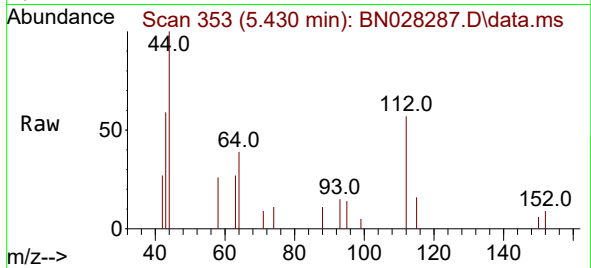




#4
2-Fluorophenol
Concen: 0.108 ng
RT: 5.430 min Scan# 31
Delta R.T. 0.007 min
Lab File: BN028287.D
Acq: 13 Oct 2023 20:43

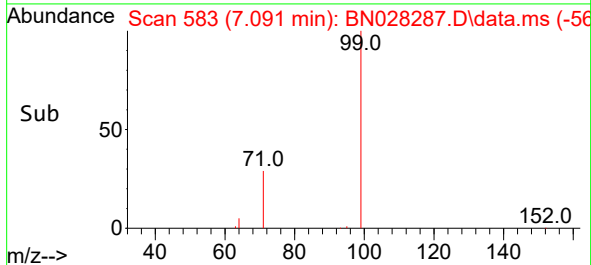
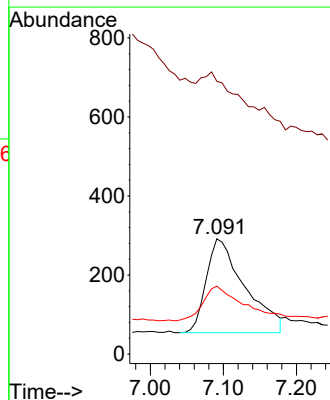
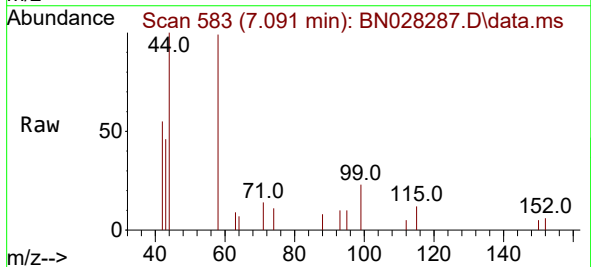
Instrument :
BNA_N
ClientSampleId :
MW-471

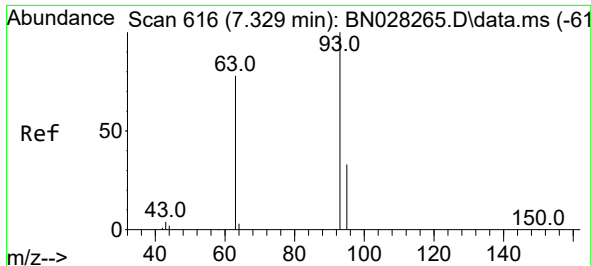
Tgt Ion:112 Resp: 1225
Ion Ratio Lower Upper
112 100
64 62.1 46.9 70.3
63 30.0 25.0 37.4



#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

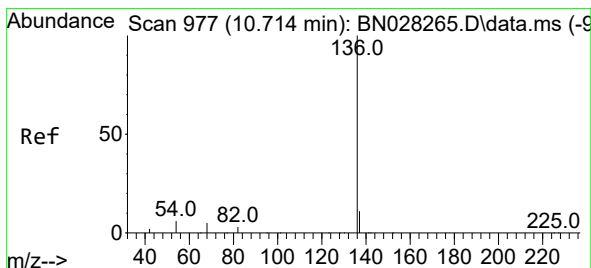
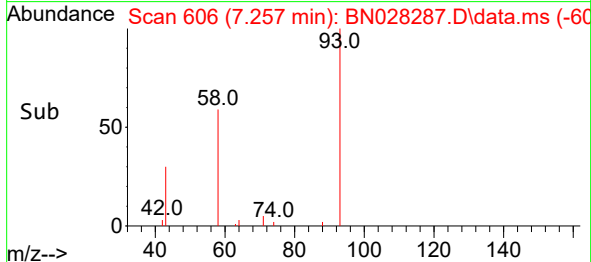
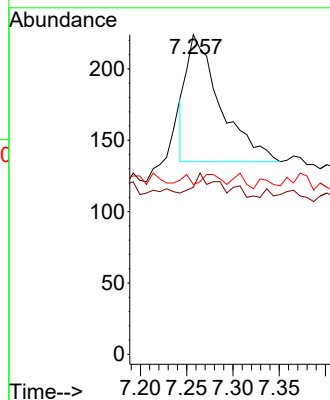
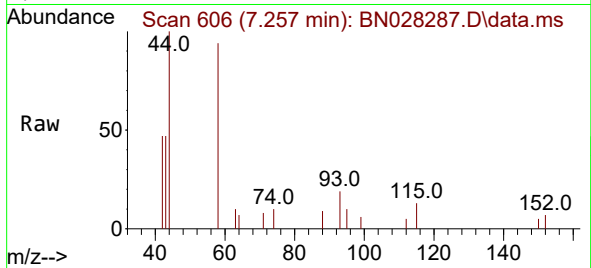




#6
bis(2-Chloroethyl)ether
Concen: 0.021 ng
RT: 7.257 min Scan# 606
Delta R.T. -0.072 min
Lab File: BN028287.D
Acq: 13 Oct 2023 20:43

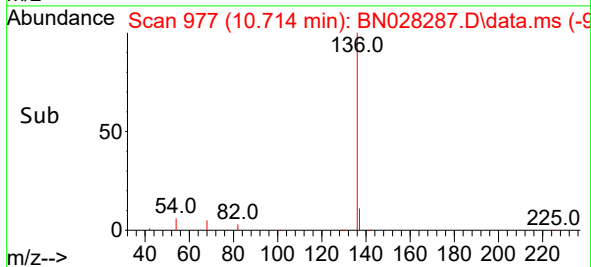
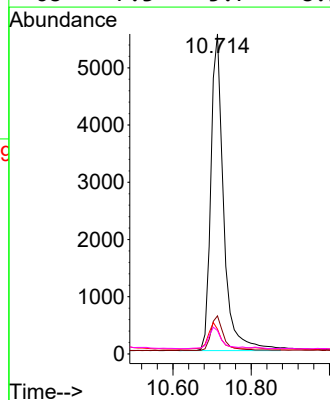
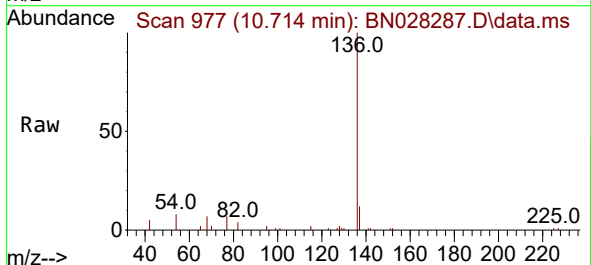
Instrument :
BNA_N
ClientSampleId :
MW-471

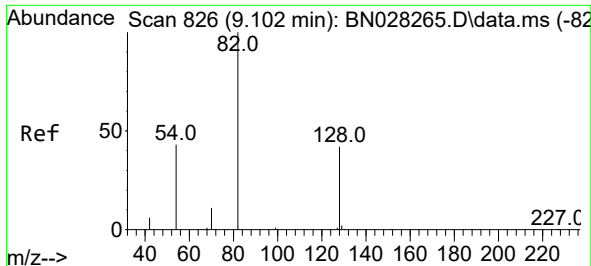
Tgt Ion: 93 Resp: 227
Ion Ratio Lower Upper
93 100
63 15.0 62.6 93.8#
95 4.0 27.2 40.8#



#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.714 min Scan# 977
Delta R.T. -0.000 min
Lab File: BN028287.D
Acq: 13 Oct 2023 20:43

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

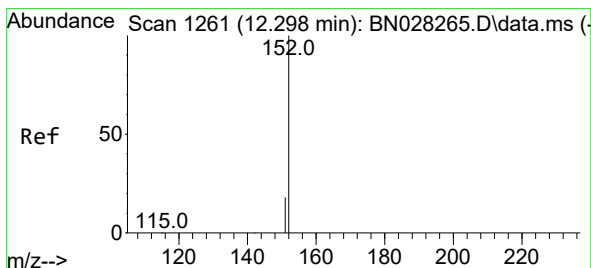
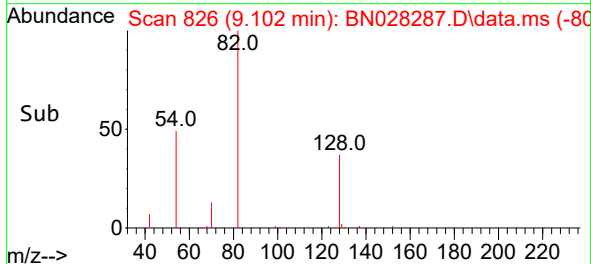
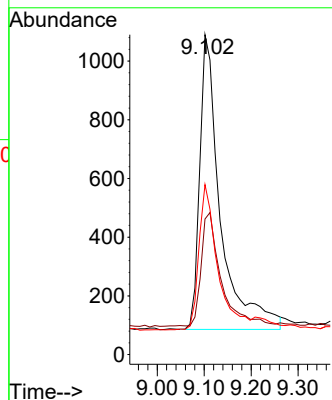
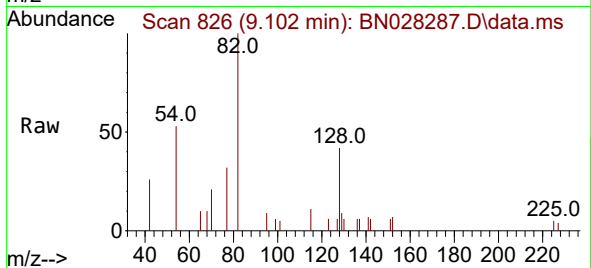




#8
Nitrobenzene-d5
Concen: 0.277 ng
RT: 9.102 min Scan# 81
Delta R.T. -0.000 min
Lab File: BN028287.D
Acq: 13 Oct 2023 20:43

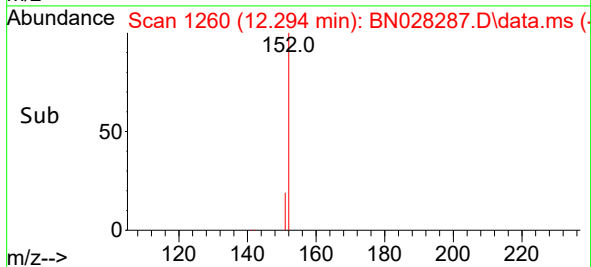
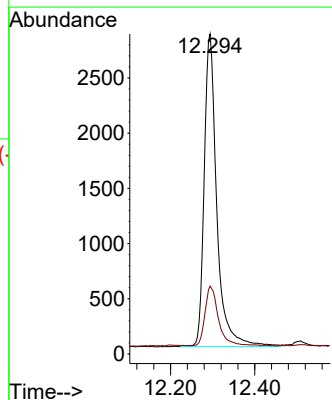
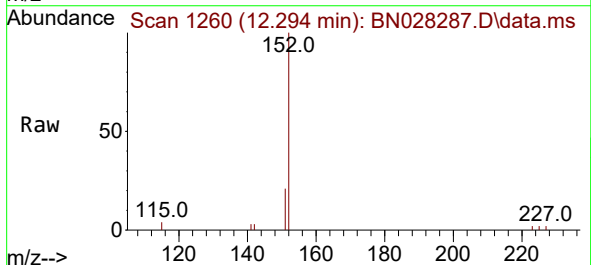
Instrument :
BNA_N
ClientSampleId :
MW-47I

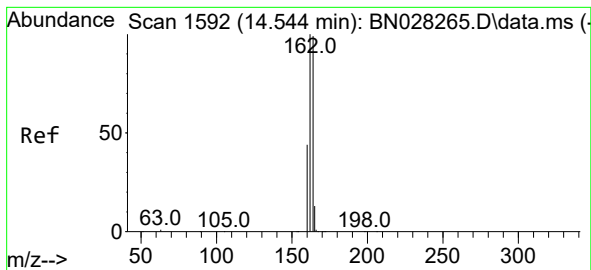
Tgt Ion: 82 Resp: 3088
Ion Ratio Lower Upper
82 100
128 42.4 36.8 55.2
54 53.1 37.4 56.2



#11
2-Methylnaphthalene-d10
Concen: 0.311 ng
RT: 12.294 min Scan# 1260
Delta R.T. -0.004 min
Lab File: BN028287.D
Acq: 13 Oct 2023 20:43

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# 1

Delta R.T. -0.011 min

Lab File: BN028287.D

Acq: 13 Oct 2023 20:43

Instrument :

BNA_N

ClientSampleId :

MW-47I

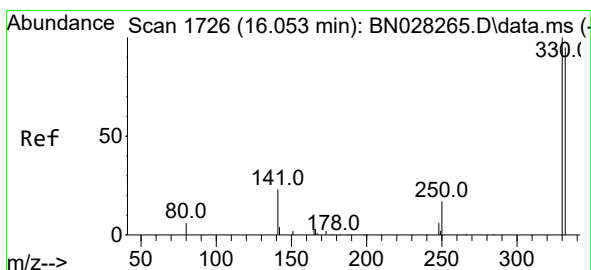
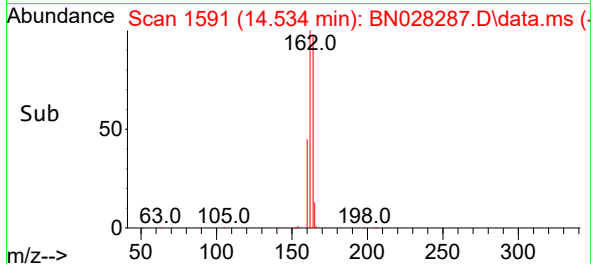
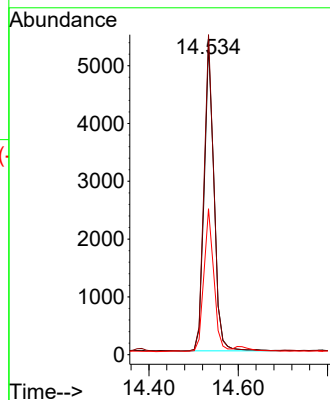
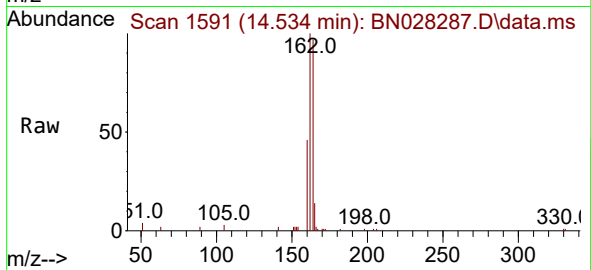
Tgt Ion:164 Resp: 8169

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

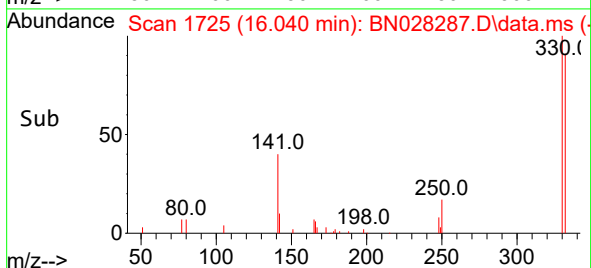
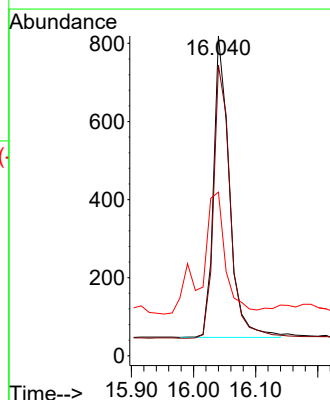
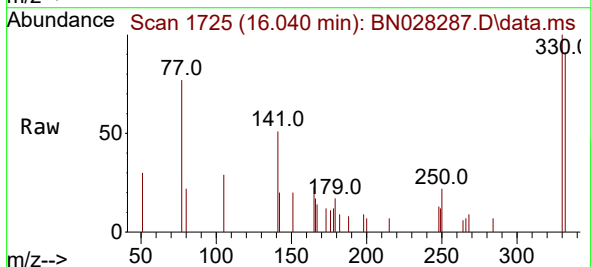
Tgt Ion:330 Resp: 1367

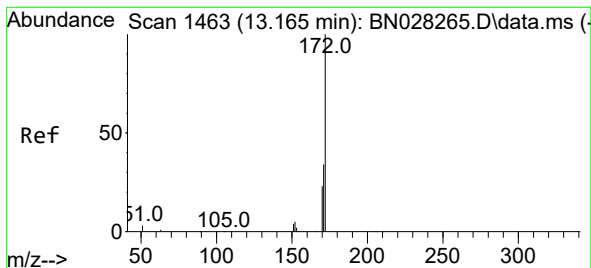
Ion Ratio Lower Upper

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

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MW-471

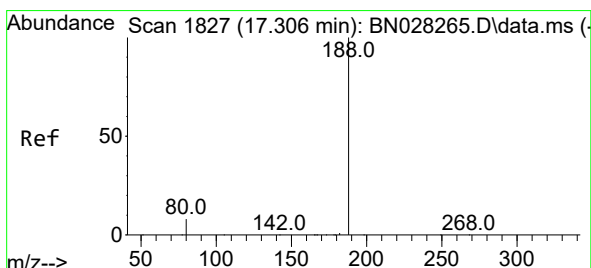
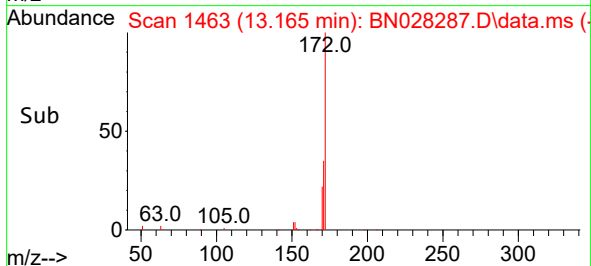
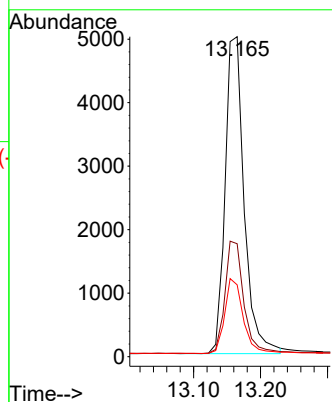
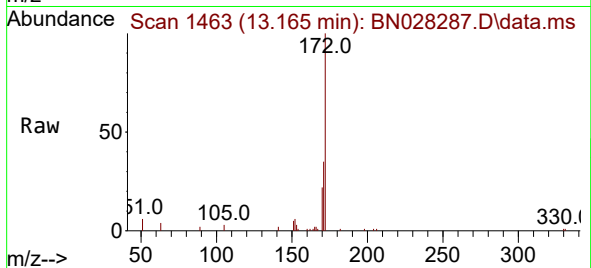
Tgt Ion:172 Resp: 9864

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# 1826

Delta R.T. -0.013 min

Lab File: BN028287.D

Acq: 13 Oct 2023 20:43

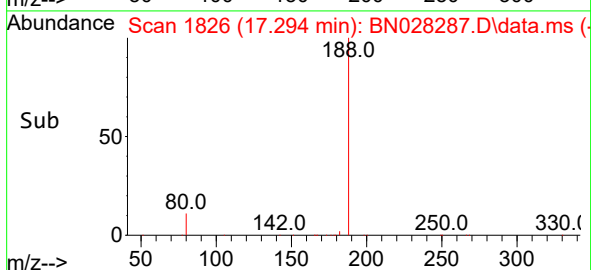
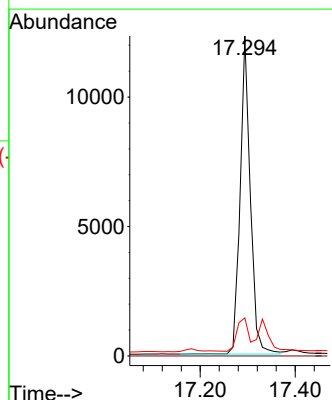
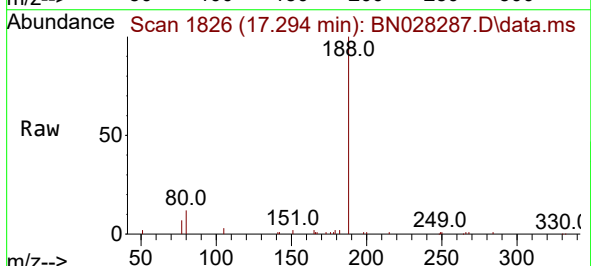
Tgt Ion:188 Resp: 18376

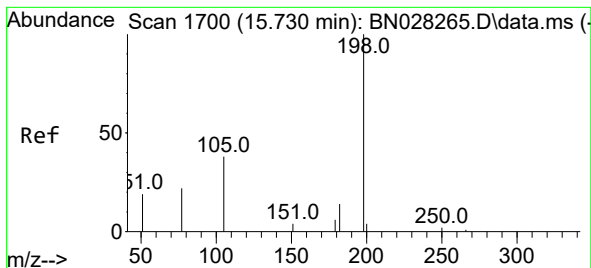
Ion Ratio Lower Upper

188 100

94 0.0 0.0 0.0

80 11.9 7.1 10.7#

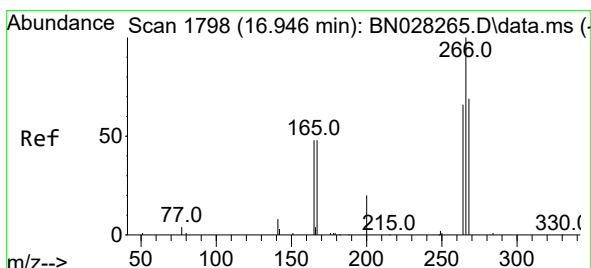
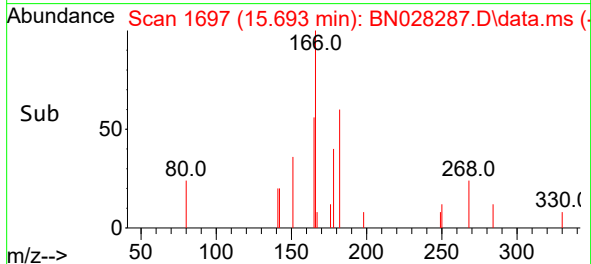
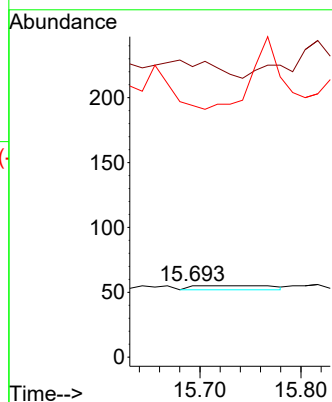
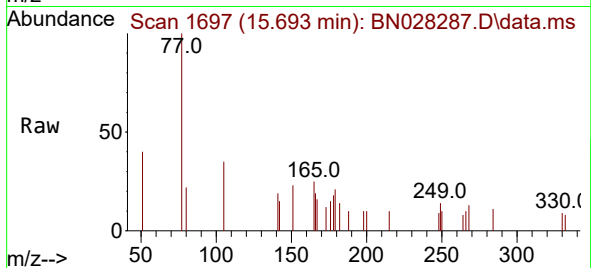




#20
4,6-Dinitro-2-methylphenol
Concen: 0.194 ng
RT: 15.693 min Scan# 1697
Delta R.T. -0.037 min
Lab File: BN028287.D
Acq: 13 Oct 2023 20:43

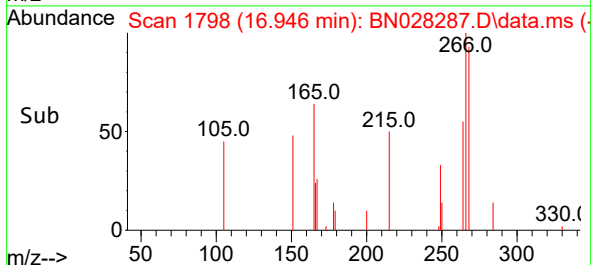
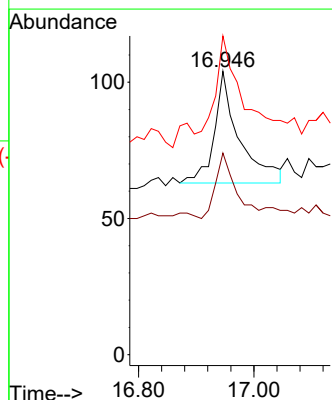
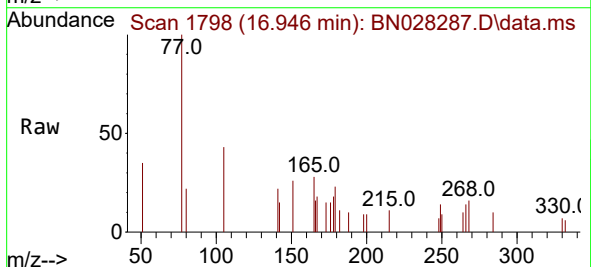
Instrument :
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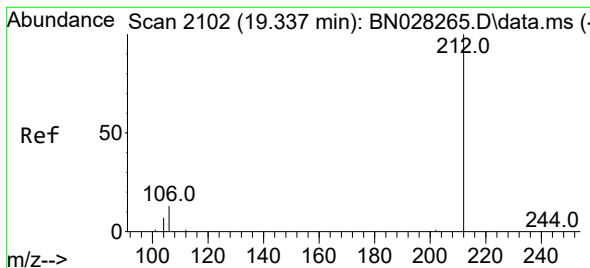
Tgt Ion:198 Resp: 17
Ion Ratio Lower Upper
198 100
51 407.3 96.1 144.1#
105 352.7 75.4 113.0#



#24
Pentachlorophenol
Concen: 0.028 ng
RT: 16.946 min Scan# 1798
Delta R.T. -0.000 min
Lab File: BN028287.D
Acq: 13 Oct 2023 20:43

Tgt Ion:266 Resp: 124
Ion Ratio Lower Upper
266 100
264 56.5 51.5 77.3
268 109.7 56.6 84.8#





#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

Instrument :

BNA_N

ClientSampleId :

MW-471

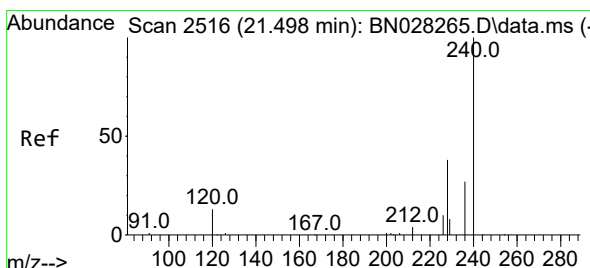
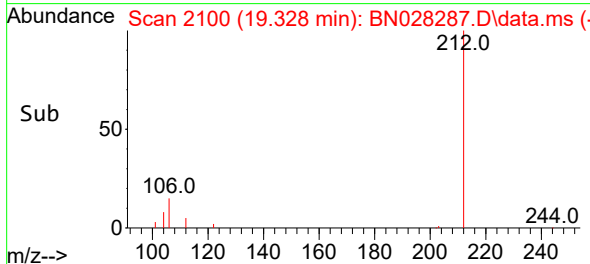
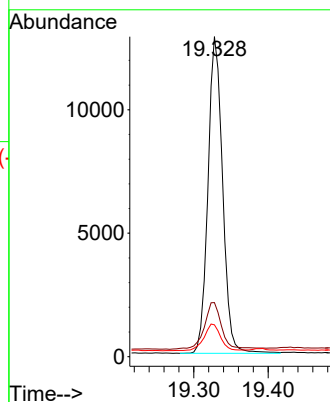
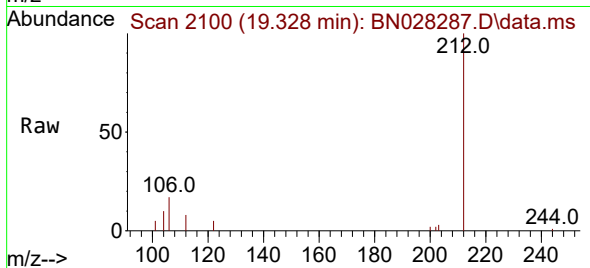
Tgt Ion:212 Resp: 17506

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# 2515

Delta R.T. -0.009 min

Lab File: BN028287.D

Acq: 13 Oct 2023 20:43

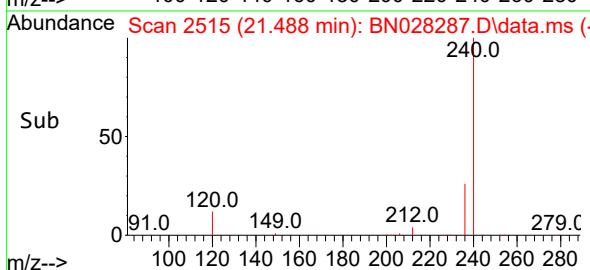
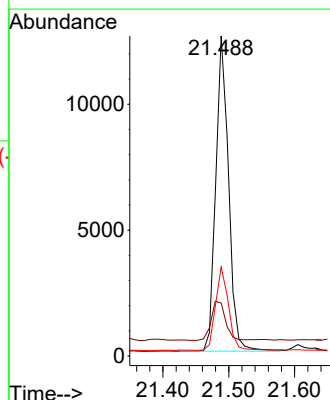
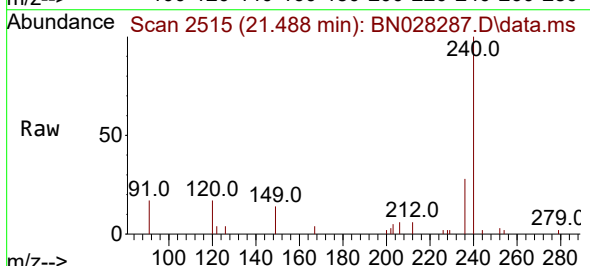
Tgt Ion:240 Resp: 16948

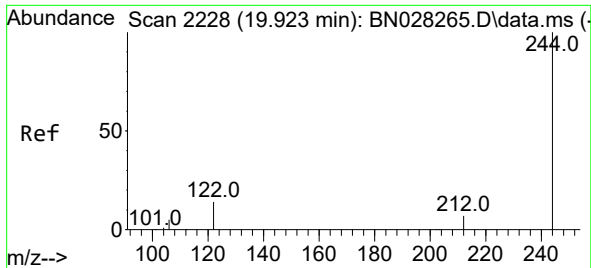
Ion Ratio Lower Upper

240 100

120 16.6 13.4 20.0

236 27.8 22.7 34.1

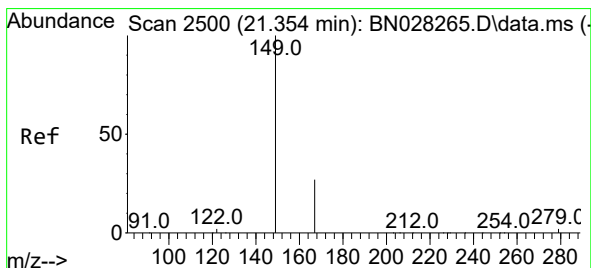
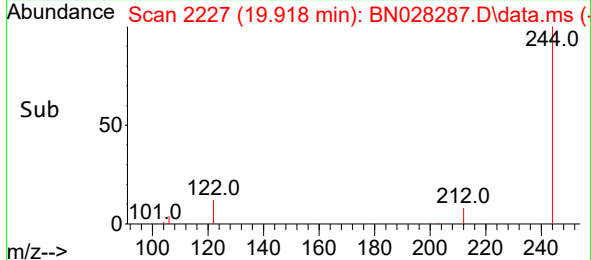
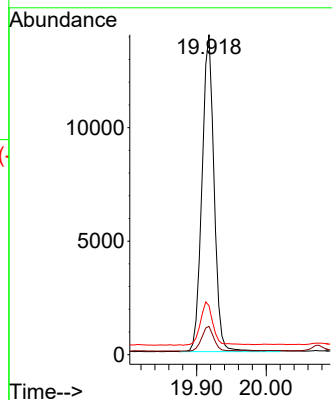
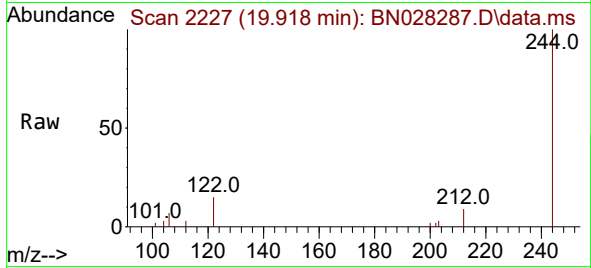




#31
 Terphenyl-d14
 Concen: 0.468 ng
 RT: 19.918 min Scan# 21
 Delta R.T. -0.005 min
 Lab File: BN028287.D
 Acq: 13 Oct 2023 20:43

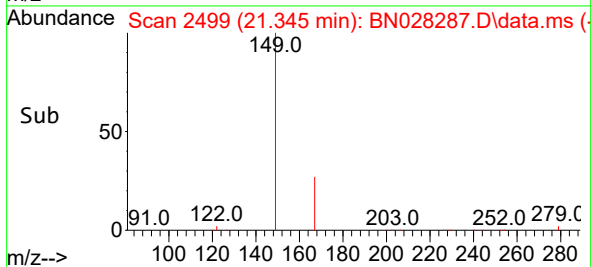
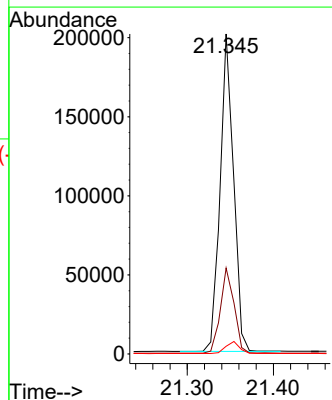
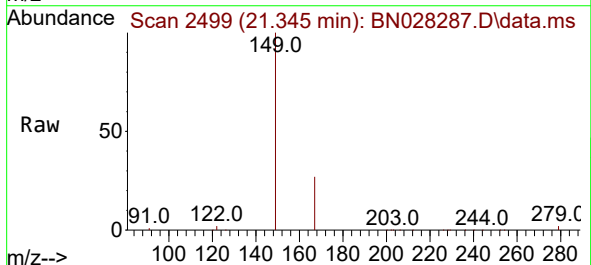
Instrument :
 BNA_N
 ClientSampleId :
 MW-47I

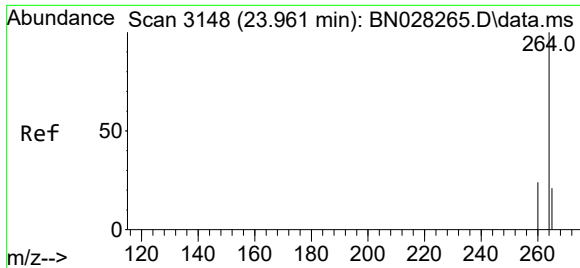
Tgt Ion:244 Resp: 16838
 Ion Ratio Lower Upper
 244 100
 212 8.8 6.6 10.0
 122 15.3 11.7 17.5



#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

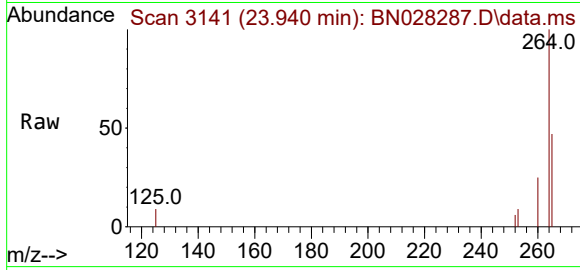
Tgt Ion:149 Resp: 217142
 Ion Ratio Lower Upper
 149 100
 167 27.3 22.6 34.0
 279 3.8 4.2 6.2#





#35
 Perylene-d12
 Concen: 0.400 ng
 RT: 23.940 min Scan# 31
 Delta R.T. -0.021 min
 Lab File: BN028287.D
 Acq: 13 Oct 2023 20:43

Instrument :
 BNA_N
 ClientSampleId :
 MW-471



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

