

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN101323\
 Data File : BN028285.D
 Acq On : 13 Oct 2023 19:30
 Operator : MA/JU
 Sample : 04860-04
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 MW-20S

Quant Time: Oct 14 00:17:41 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)

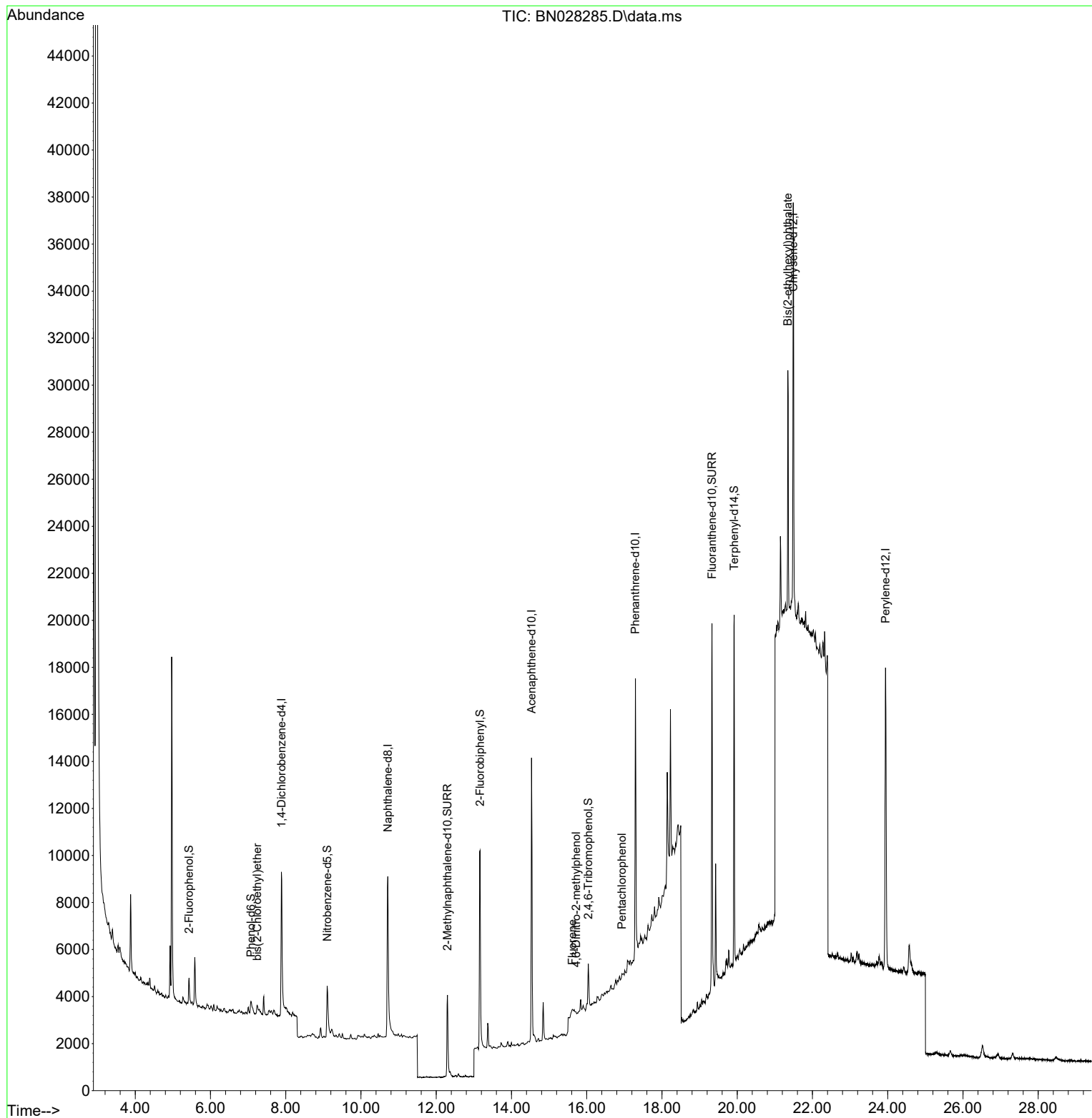
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.886	152	3676	0.400	ng	0.00
7) Naphthalene-d8	10.714	136	12393	0.400	ng	0.00
13) Acenaphthene-d10	14.534	164	7538	0.400	ng	-0.01
19) Phenanthrene-d10	17.294	188	16617	0.400	ng	#-0.01
29) Chrysene-d12	21.489	240	16693	0.400	ng	# 0.00
35) Perylene-d12	23.943	264	18949	0.400	ng	-0.02
System Monitoring Compounds						
4) 2-Fluorophenol	5.430	112	1183	0.104	ng	0.00
5) Phenol-d6	7.077	99	895	0.064	ng	0.02
8) Nitrobenzene-d5	9.102	82	3117	0.284	ng	0.00
11) 2-Methylnaphthalene-d10	12.298	152	6263	0.336	ng	0.00
14) 2,4,6-Tribromophenol	16.040	330	1198	0.326	ng	-0.01
15) 2-Fluorobiphenyl	13.165	172	9520	0.359	ng	0.00
27) Fluoranthene-d10	19.328	212	17228	0.388	ng	0.00
31) Terphenyl-d14	19.918	244	15213	0.429	ng	0.00
Target Compounds						
6) bis(2-Chloroethyl)ether	7.243	93	389	0.036	ng	# 21
18) Fluorene	15.618	166	1238	0.044	ng	# 8
20) 4,6-Dinitro-2-methylph...	15.718	198	16	0.194	ng	# 1
24) Pentachlorophenol	16.934	266	109	0.027	ng	# 78
34) Bis(2-ethylhexyl)phtha...	21.345	149	9684	0.214	ng	98

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

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Misc :
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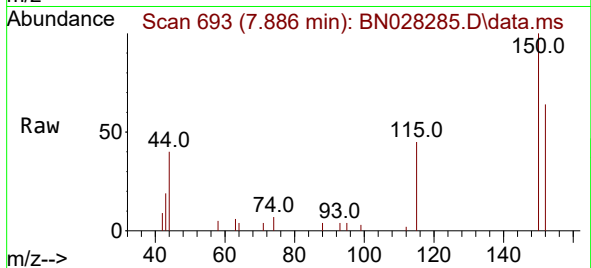
Quant Time: Oct 14 00:17:41 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN101223.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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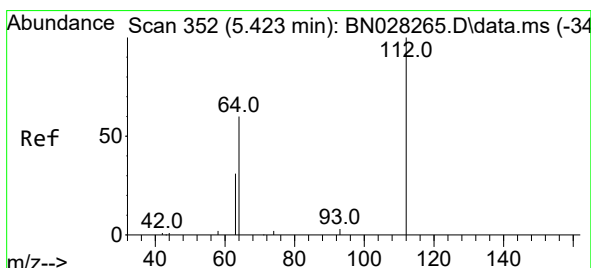
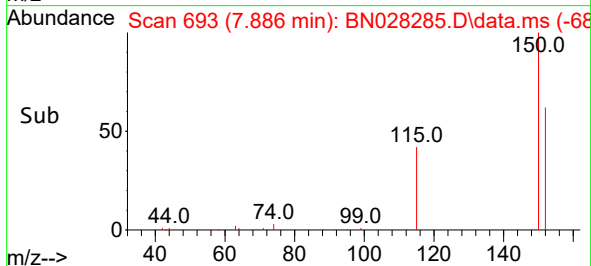
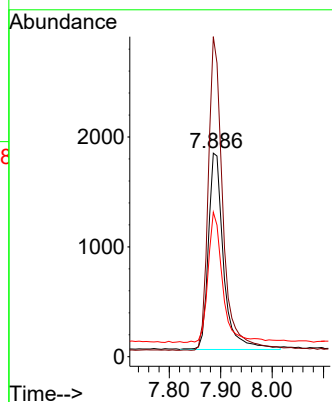


#1
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.886 min Scan# 694
Delta R.T. -0.007 min
Lab File: BN028285.D
Acq: 13 Oct 2023 19:30

Instrument :
BNA_N
ClientSampleId :
MW-20S

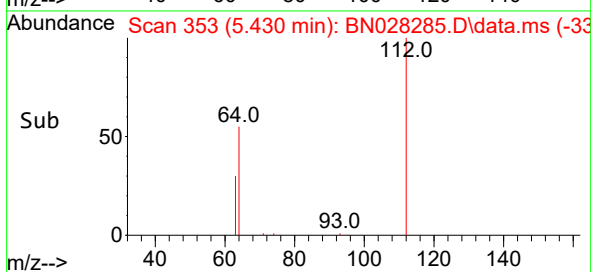
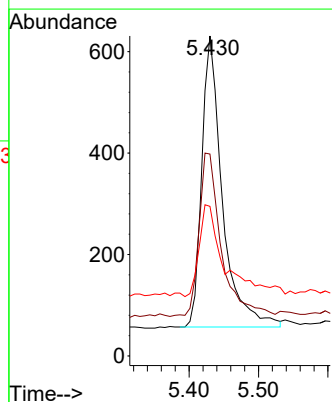
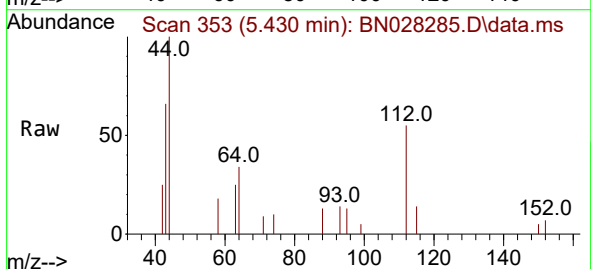


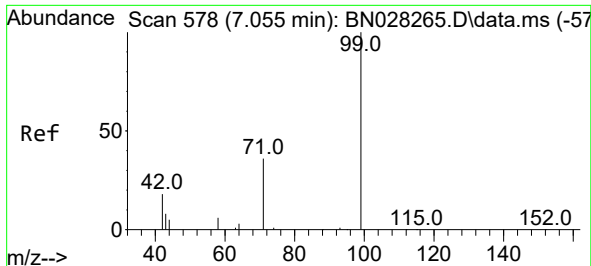
Tgt Ion:152 Resp: 3676
Ion Ratio Lower Upper
152 100
150 157.2 121.6 182.4
115 71.0 54.3 81.5



#4
2-Fluorophenol
Concen: 0.104 ng
RT: 5.430 min Scan# 353
Delta R.T. 0.007 min
Lab File: BN028285.D
Acq: 13 Oct 2023 19:30

Tgt Ion:112 Resp: 1183
Ion Ratio Lower Upper
112 100
64 60.3 46.9 70.3
63 39.6 25.0 37.4

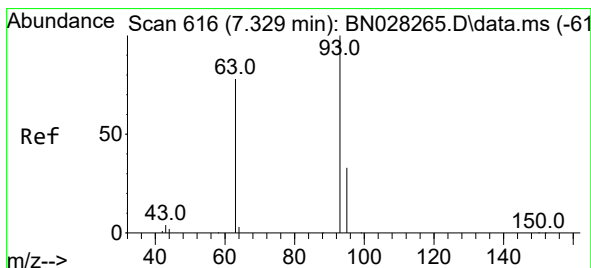
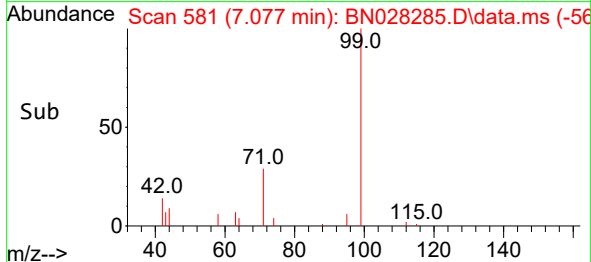
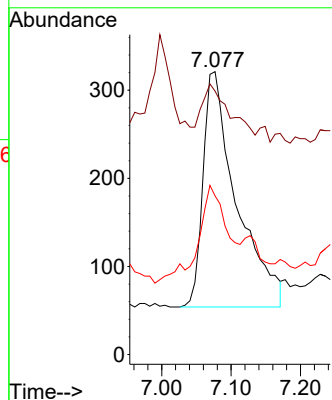
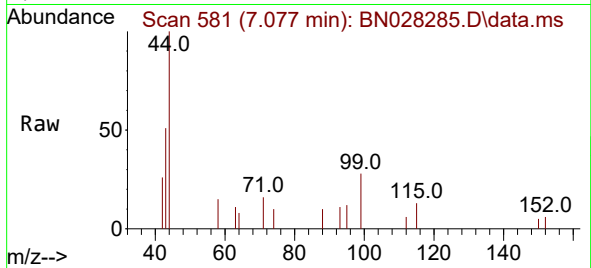




#5
Phenol-d6
Concen: 0.064 ng
RT: 7.077 min Scan# 581
Delta R.T. 0.022 min
Lab File: BN028285.D
Acq: 13 Oct 2023 19:30

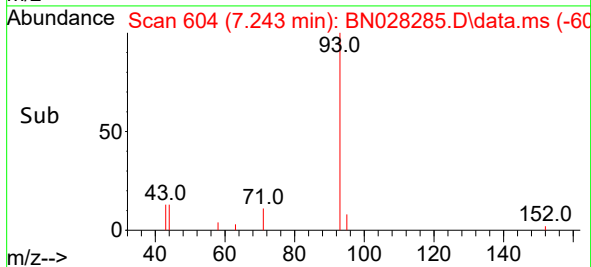
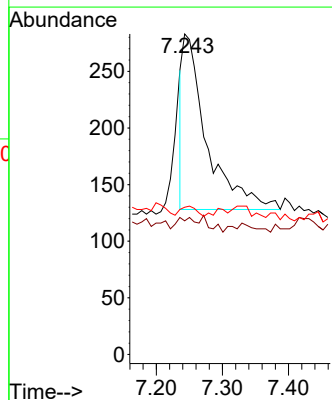
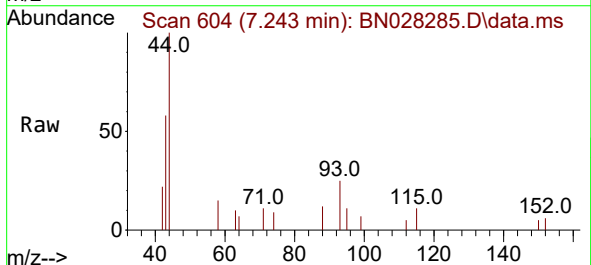
Instrument :
BNA_N
ClientSampleId :
MW-20S

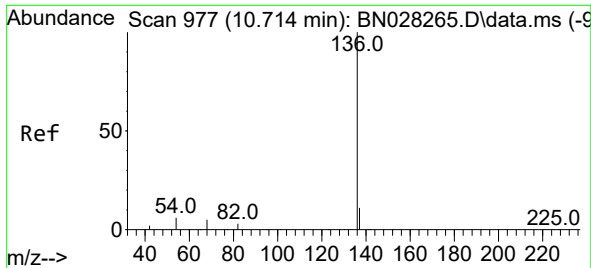
Tgt Ion: 99 Resp: 895
Ion Ratio Lower Upper
99 100
42 16.3 15.9 23.9
71 37.0 28.6 42.8



#6
bis(2-Chloroethyl)ether
Concen: 0.036 ng
RT: 7.243 min Scan# 604
Delta R.T. -0.087 min
Lab File: BN028285.D
Acq: 13 Oct 2023 19:30

Tgt Ion: 93 Resp: 389
Ion Ratio Lower Upper
93 100
63 0.0 62.6 93.8#
95 3.1 27.2 40.8#

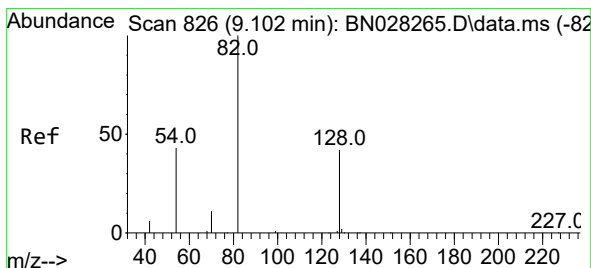
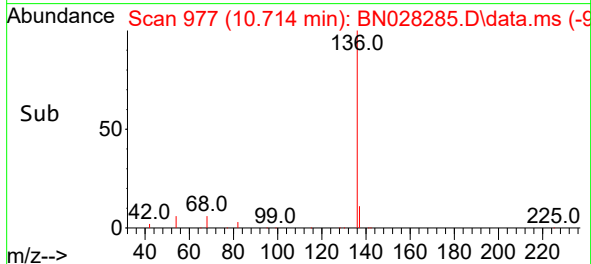
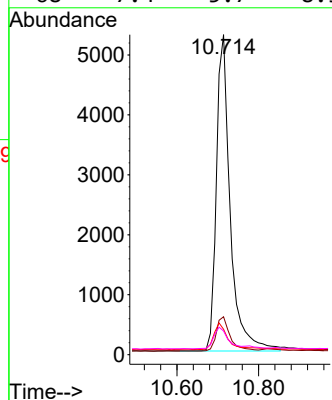
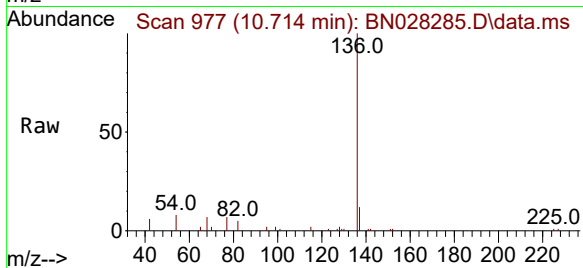




#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.714 min Scan# 91
Delta R.T. 0.000 min
Lab File: BN028285.D
Acq: 13 Oct 2023 19:30

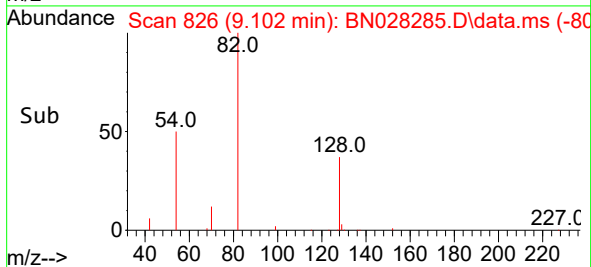
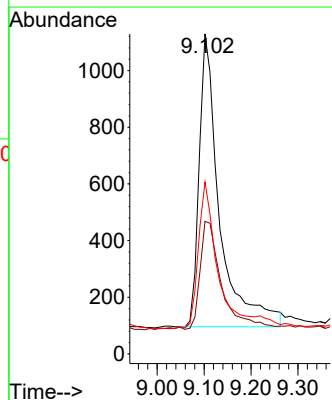
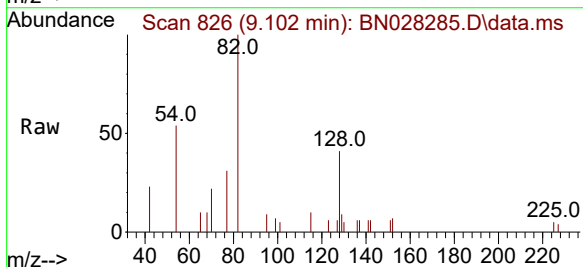
Instrument :
BNA_N
ClientSampleId :
MW-20S

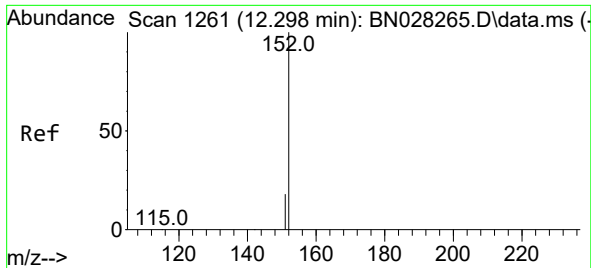
Tgt Ion:	136	Resp:	12393
Ion Ratio	Lower	Upper	
136	100		
137	11.8	9.8	14.8
54	8.0	6.2	9.4
68	7.4	5.7	8.5



#8
Nitrobenzene-d5
Concen: 0.284 ng
RT: 9.102 min Scan# 826
Delta R.T. 0.000 min
Lab File: BN028285.D
Acq: 13 Oct 2023 19:30

Tgt Ion:	82	Resp:	3117
Ion Ratio	Lower	Upper	
82	100		
128	41.5	36.8	55.2
54	53.8	37.4	56.2

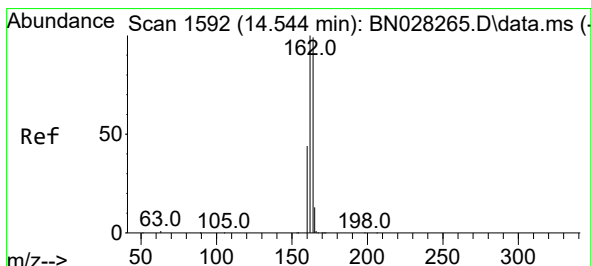
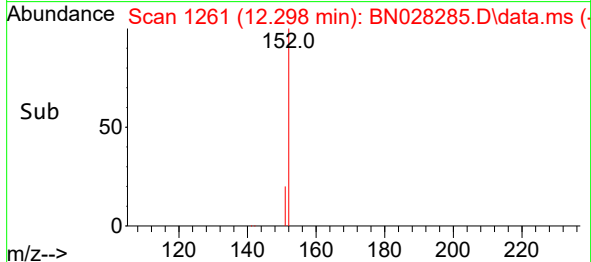
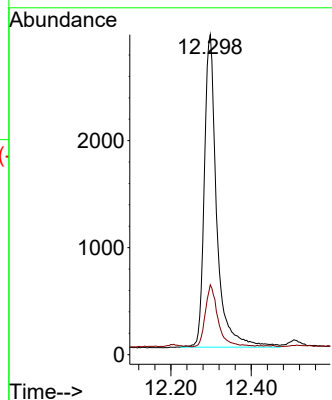
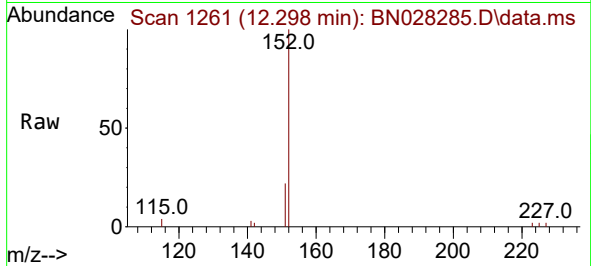




#11
2-Methylnaphthalene-d10
Concen: 0.336 ng
RT: 12.298 min Scan# 11
Delta R.T. 0.000 min
Lab File: BN028285.D
Acq: 13 Oct 2023 19:30

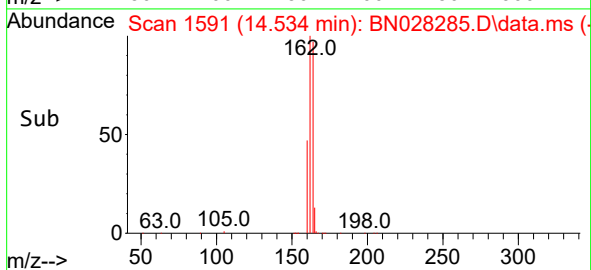
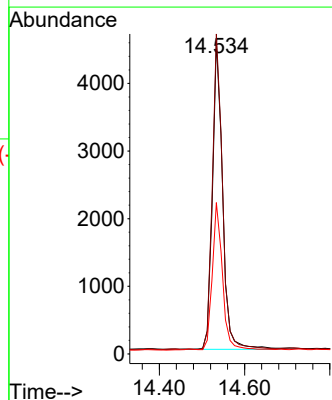
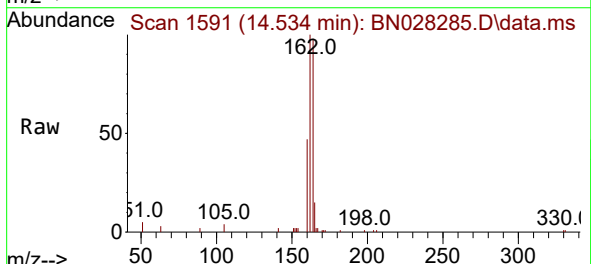
Instrument :
BNA_N
ClientSampleId :
MW-20S

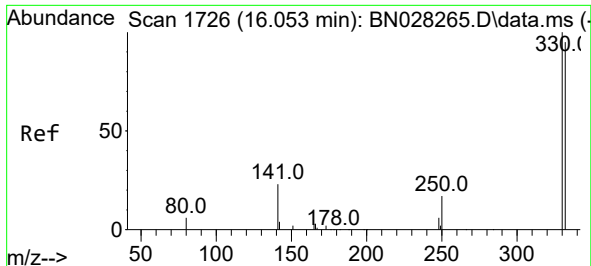
Tgt Ion:152 Resp: 6263
Ion Ratio Lower Upper
152 100
151 20.0 16.1 24.1



#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.534 min Scan# 1591
Delta R.T. -0.011 min
Lab File: BN028285.D
Acq: 13 Oct 2023 19:30

Tgt Ion:164 Resp: 7538
Ion Ratio Lower Upper
164 100
162 102.5 81.1 121.7
160 48.5 36.6 54.8

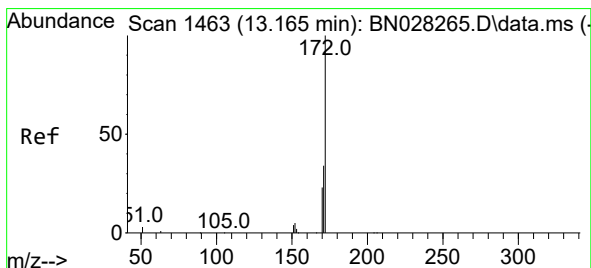
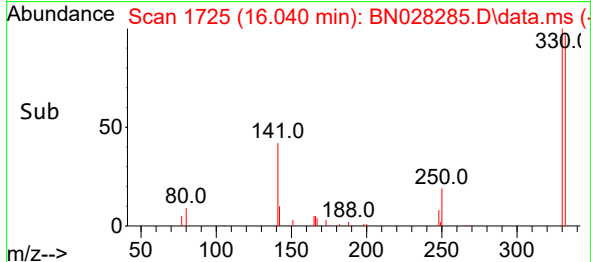
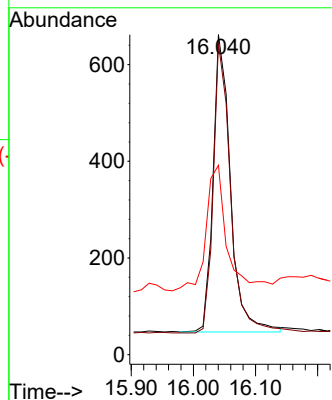
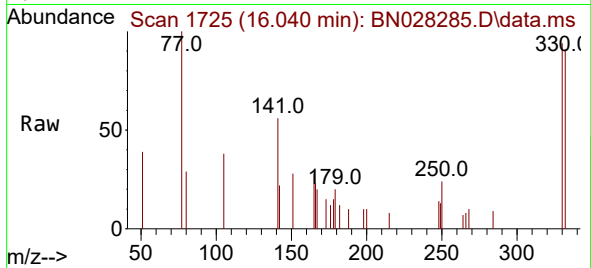




#14
2,4,6-Tribromophenol
Concen: 0.326 ng
RT: 16.040 min Scan# 11
Delta R.T. -0.012 min
Lab File: BN028285.D
Acq: 13 Oct 2023 19:30

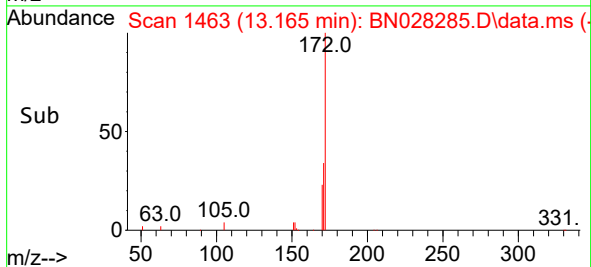
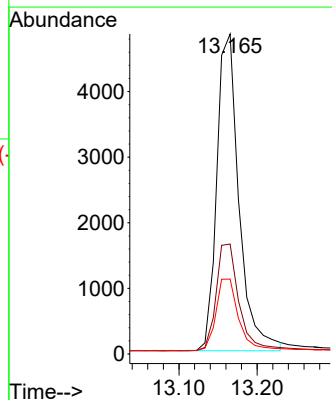
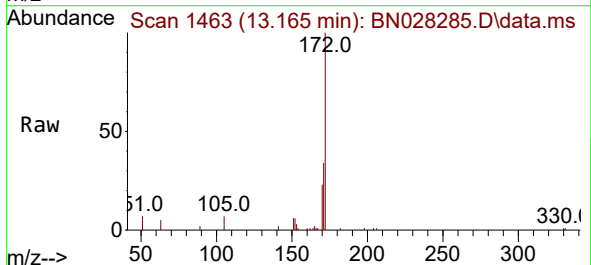
Instrument :
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ClientSampleId :
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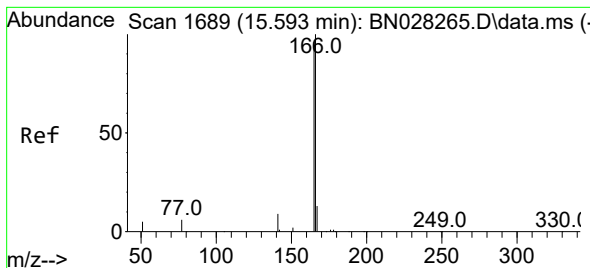
Tgt Ion:330 Resp: 1198
Ion Ratio Lower Upper
330 100
332 96.5 74.1 111.1
141 49.1 32.1 48.1#



#15
2-Fluorobiphenyl
Concen: 0.359 ng
RT: 13.165 min Scan# 1463
Delta R.T. 0.000 min
Lab File: BN028285.D
Acq: 13 Oct 2023 19:30

Tgt Ion:172 Resp: 9520
Ion Ratio Lower Upper
172 100
171 34.3 28.3 42.5
170 23.4 18.7 28.1





#18

Fluorene

Concen: 0.044 ng

RT: 15.618 min Scan# 1691

Delta R.T. 0.025 min

Lab File: BN028285.D

Acq: 13 Oct 2023 19:30

Instrument :

BNA_N

ClientSampleId :

MW-20S

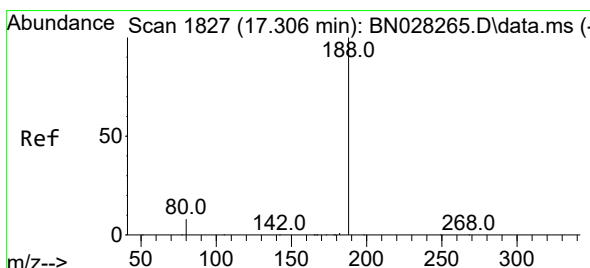
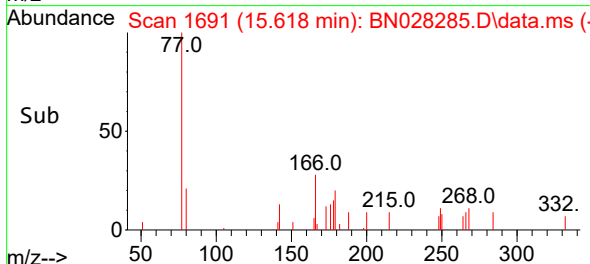
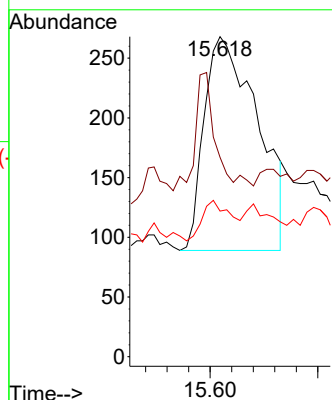
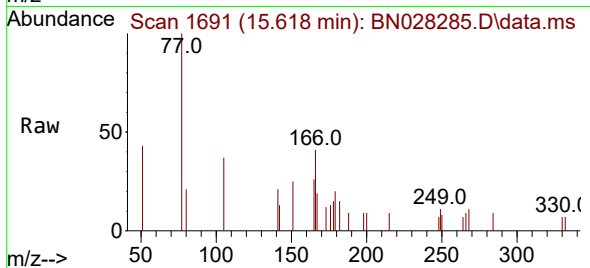
Tgt Ion:166 Resp: 1238

Ion Ratio Lower Upper

166 100

165 0.0 79.3 118.9#

167 0.0 10.9 16.3#



#19

Phenanthrene-d10

Concen: 0.400 ng

RT: 17.294 min Scan# 1826

Delta R.T. -0.012 min

Lab File: BN028285.D

Acq: 13 Oct 2023 19:30

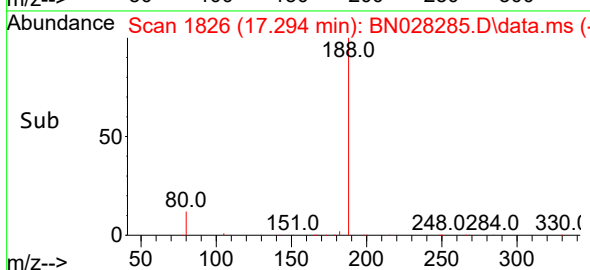
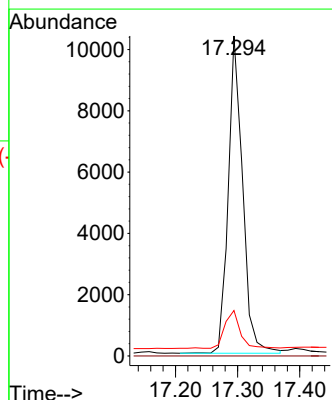
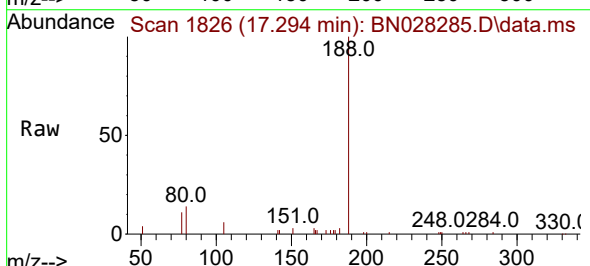
Tgt Ion:188 Resp: 16617

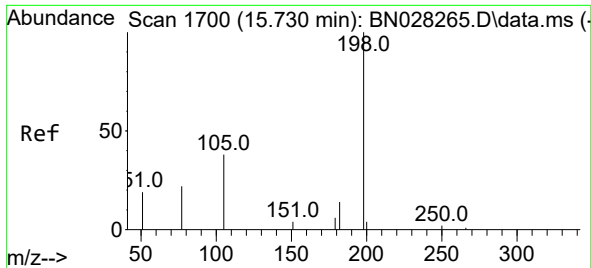
Ion Ratio Lower Upper

188 100

94 0.0 0.0 0.0

80 14.2 7.1 10.7#

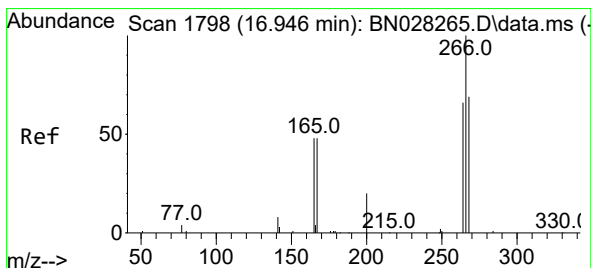
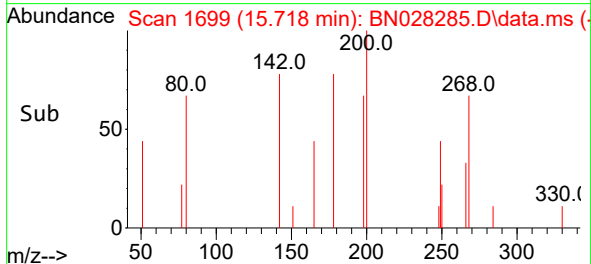
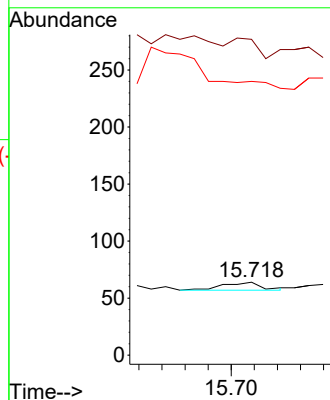
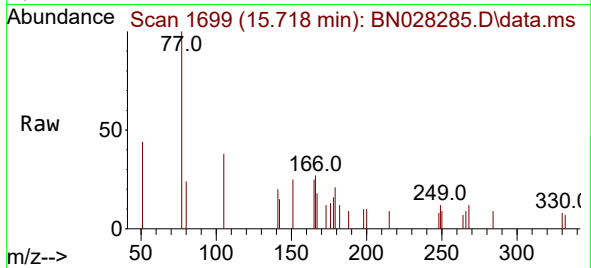




#20
4,6-Dinitro-2-methylphenol
Concen: 0.194 ng
RT: 15.718 min Scan# 1699
Delta R.T. -0.012 min
Lab File: BN028285.D
Acq: 13 Oct 2023 19:30

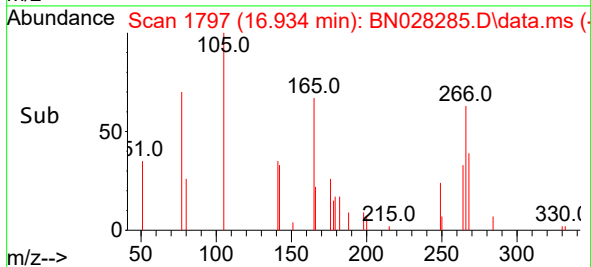
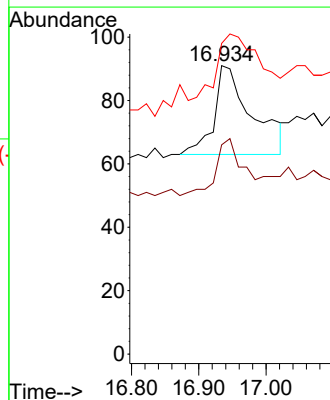
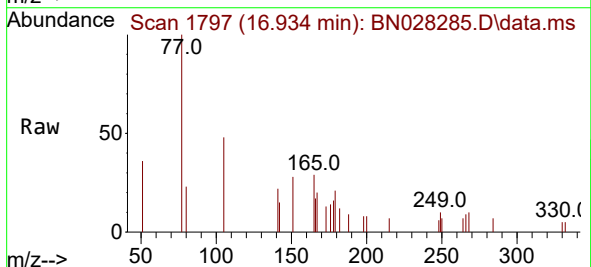
Instrument :
BNA_N
ClientSampleId :
MW-20S

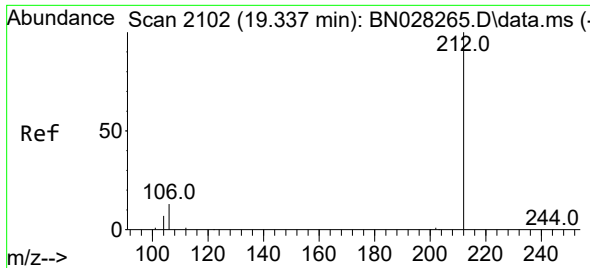
Tgt Ion:198 Resp: 16
Ion Ratio Lower Upper
198 100
51 432.8 96.1 144.1#
105 375.0 75.4 113.0#



#24
Pentachlorophenol
Concen: 0.027 ng
RT: 16.934 min Scan# 1797
Delta R.T. -0.012 min
Lab File: BN028285.D
Acq: 13 Oct 2023 19:30

Tgt Ion:266 Resp: 109
Ion Ratio Lower Upper
266 100
264 49.5 51.5 77.3#
268 90.8 56.6 84.8#

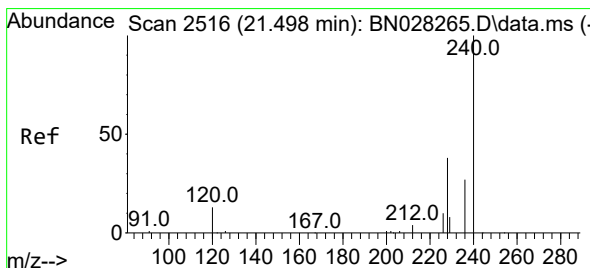
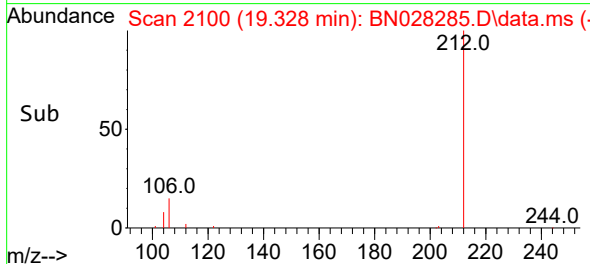
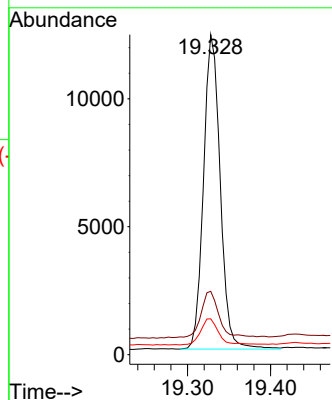
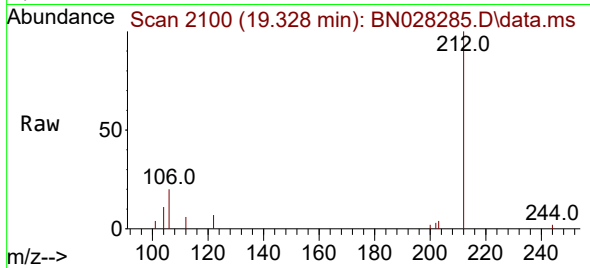




#27
Fluoranthene-d10
Concen: 0.388 ng
RT: 19.328 min Scan# 2100
Delta R.T. -0.009 min
Lab File: BN028285.D
Acq: 13 Oct 2023 19:30

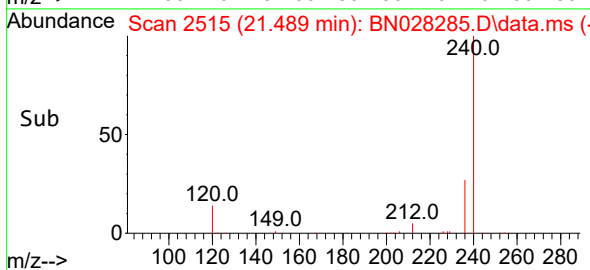
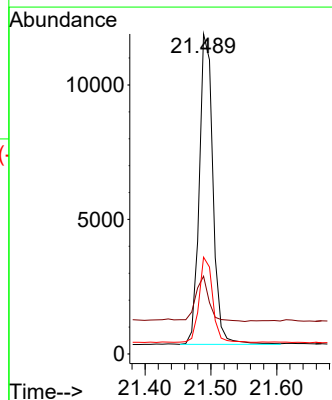
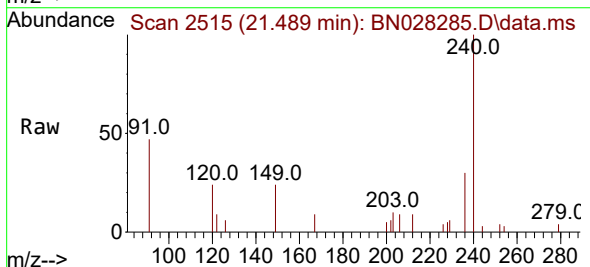
Instrument :
BNA_N
ClientSampleId :
MW-20S

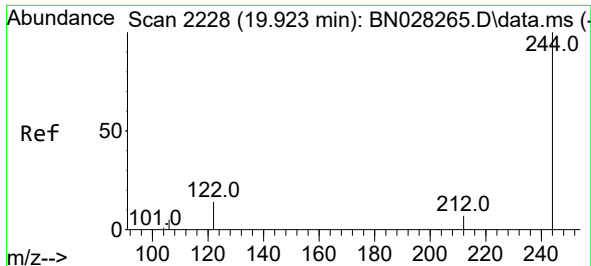
Tgt Ion:212 Resp: 17228
Ion Ratio Lower Upper
212 100
106 16.7 11.5 17.3
104 8.8 6.7 10.1



#29
Chrysene-d12
Concen: 0.400 ng
RT: 21.489 min Scan# 2515
Delta R.T. -0.009 min
Lab File: BN028285.D
Acq: 13 Oct 2023 19:30

Tgt Ion:240 Resp: 16693
Ion Ratio Lower Upper
240 100
120 24.3 13.4 20.0#
236 30.3 22.7 34.1

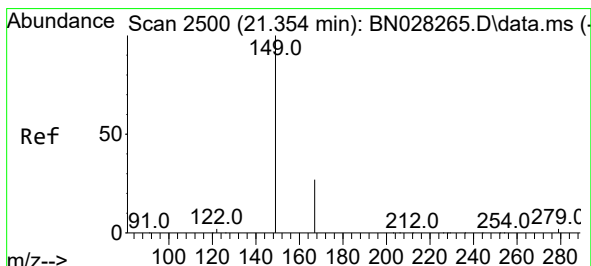
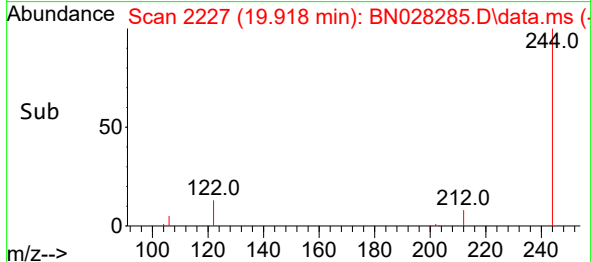
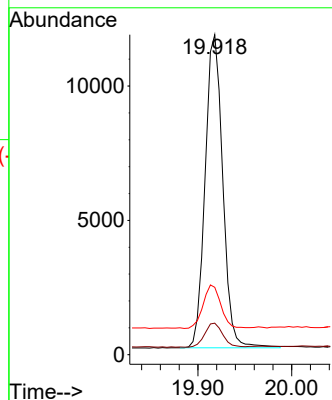
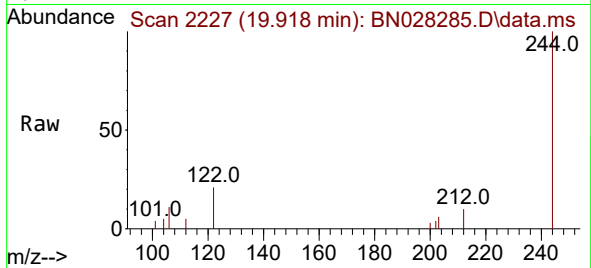




#31
 Terphenyl-d14
 Concen: 0.429 ng
 RT: 19.918 min Scan# 21
 Delta R.T. -0.005 min
 Lab File: BN028285.D
 Acq: 13 Oct 2023 19:30

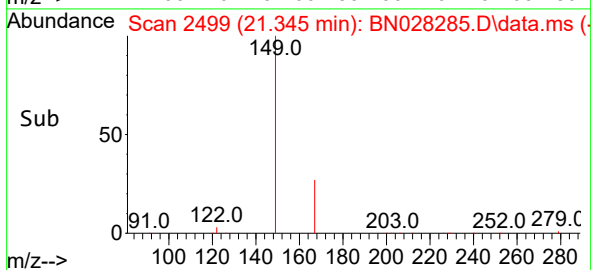
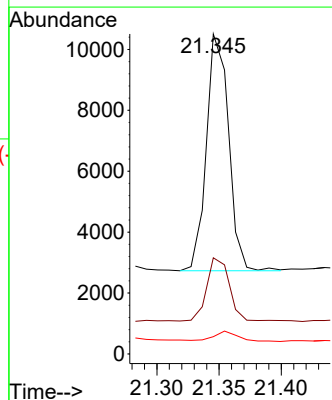
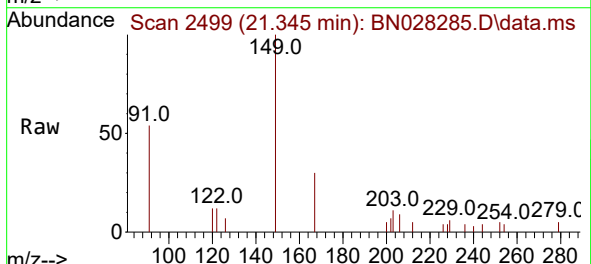
Instrument :
 BNA_N
 ClientSampleId :
 MW-20S

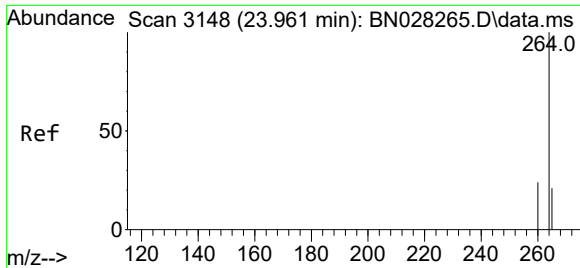
Tgt Ion:244 Resp: 15213
 Ion Ratio Lower Upper
 244 100
 212 9.9 6.6 10.0
 122 21.1 11.7 17.5#



#34
 Bis(2-ethylhexyl)phthalate
 Concen: 0.214 ng
 RT: 21.345 min Scan# 2499
 Delta R.T. -0.009 min
 Lab File: BN028285.D
 Acq: 13 Oct 2023 19:30

Tgt Ion:149 Resp: 9684
 Ion Ratio Lower Upper
 149 100
 167 26.9 22.6 34.0
 279 4.7 4.2 6.2





#35
Perylene-d12
Concen: 0.400 ng
RT: 23.943 min Scan# 31
Delta R.T. -0.017 min
Lab File: BN028285.D
Acq: 13 Oct 2023 19:30

Instrument :
BNA_N
ClientSampleId :
MW-20S

Tgt Ion:264 Resp: 18949

Ion	Ratio	Lower	Upper
264	100		
260	26.6	20.7	31.1
265	47.6	38.3	57.5

