

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN102423\
 Data File : BN028385.D
 Acq On : 24 Oct 2023 21:49
 Operator : MA/JU
 Sample : PB156521BL
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 PB156521BL

Quant Time: Oct 25 05:08:48 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN101223.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Oct 23 15:14:08 2023
 Response via : Initial Calibration

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

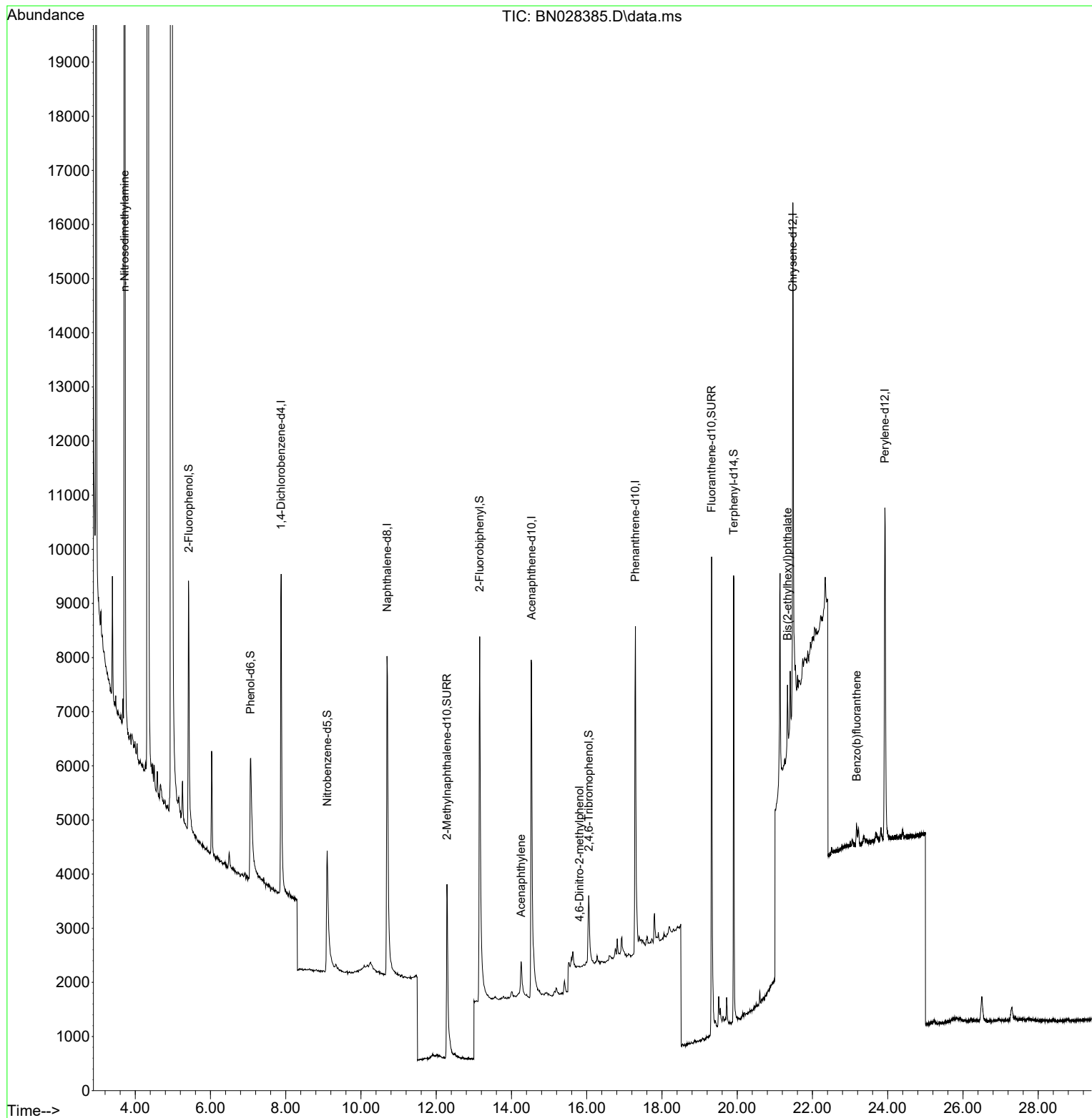
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.878	152	3948	0.400	ng	0.00
7) Naphthalene-d8	10.693	136	12594	0.400	ng	#-0.01
13) Acenaphthene-d10	14.534	164	6358	0.400	ng	0.00
19) Phenanthrene-d10	17.294	188	11319	0.400	ng	# 0.00
29) Chrysene-d12	21.480	240	8957	0.400	ng	# 0.00
35) Perylene-d12	23.925	264	9594	0.400	ng	#-0.01
System Monitoring Compounds						
4) 2-Fluorophenol	5.423	112	4838	0.395	ng	0.00
5) Phenol-d6	7.062	99	5009	0.332	ng	0.00
8) Nitrobenzene-d5	9.102	82	4080	0.365	ng	0.00
11) 2-Methylnaphthalene-d10	12.287	152	7644	0.404	ng	0.00
14) 2,4,6-Tribromophenol	16.053	330	881	0.284	ng	-0.01
15) 2-Fluorobiphenyl	13.155	172	9759	0.436	ng	-0.01
27) Fluoranthene-d10	19.319	212	11082	0.366	ng	0.00
31) Terphenyl-d14	19.909	244	9175	0.483	ng	0.00
Target Compounds						
3) n-Nitrosodimethylamine	3.718	42	2304	0.442	ng	# 1
16) Acenaphthylene	14.256	152	1817	0.064	ng	97
20) 4,6-Dinitro-2-methylph...	15.804	198	1	0.181	ng	# 1
34) Bis(2-ethylhexyl)phtha...	21.336	149	553	0.023	ng	# 95
37) Benzo(b)fluoranthene	23.174	252	628	0.021	ng	# 1

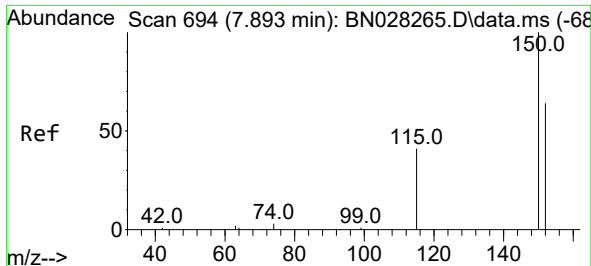
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Misc :
ALS Vial : 14 Sample Multiplier: 1

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BNA_N
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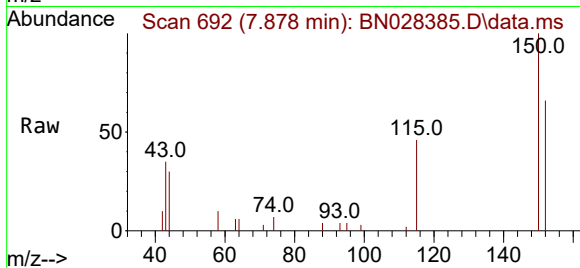
Quant Time: Oct 25 05:08:48 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN101223.M
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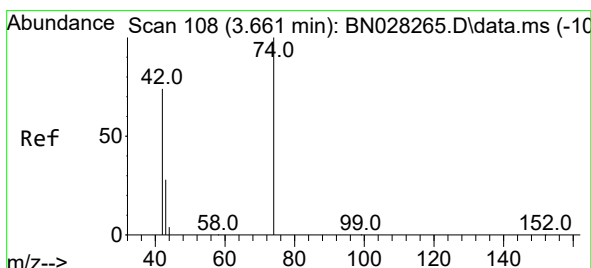
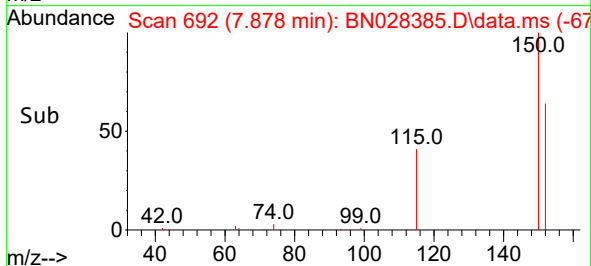
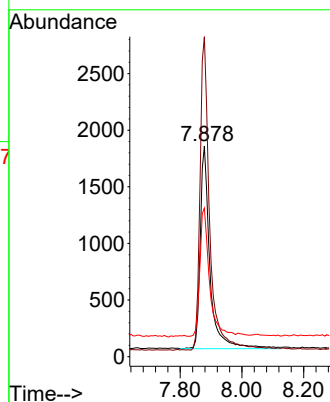


#1
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.878 min Scan# 694
Delta R.T. 0.000 min
Lab File: BN028385.D
Acq: 24 Oct 2023 21:49

Instrument :
BNA_N
ClientSampleId :
PB156521BL

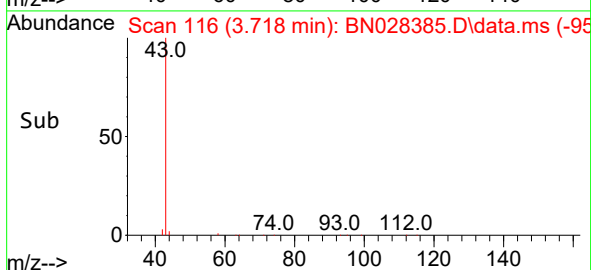
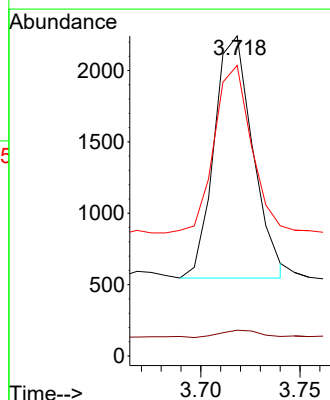
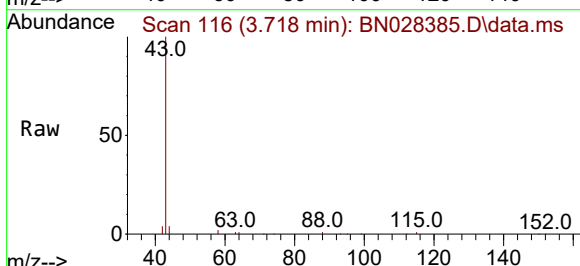


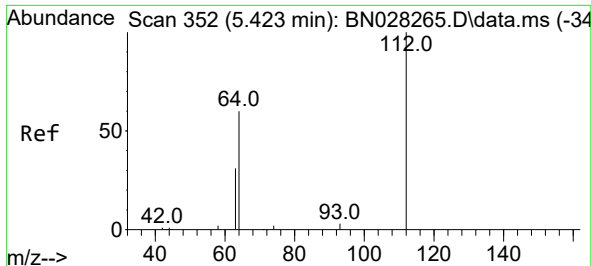
Tgt Ion:152 Resp: 3948
Ion Ratio Lower Upper
152 100
150 152.0 121.6 182.4
115 70.6 54.3 81.5



#3
n-Nitrosodimethylamine
Concen: 0.442 ng
RT: 3.718 min Scan# 116
Delta R.T. 0.051 min
Lab File: BN028385.D
Acq: 24 Oct 2023 21:49

Tgt Ion: 42 Resp: 2304
Ion Ratio Lower Upper
42 100
74 3.2 112.6 168.8#
44 66.4 7.8 11.6#

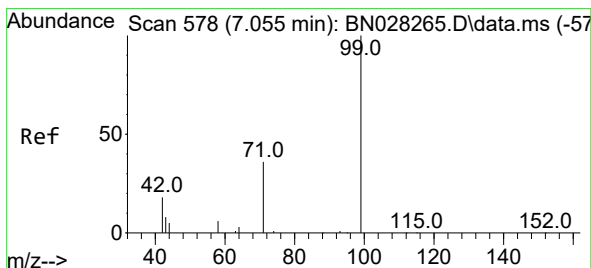
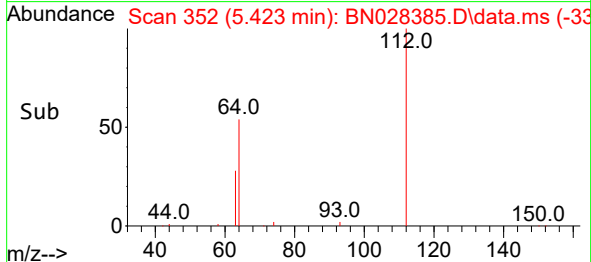
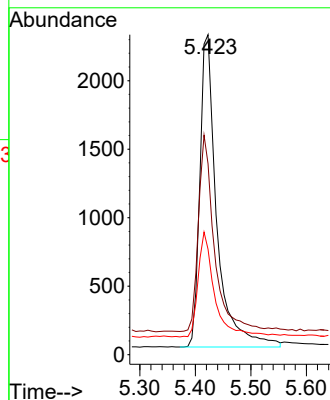
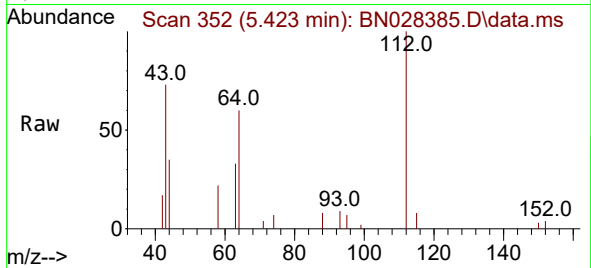




#4
2-Fluorophenol
Concen: 0.395 ng
RT: 5.423 min Scan# 311
Delta R.T. -0.007 min
Lab File: BN028385.D
Acq: 24 Oct 2023 21:49

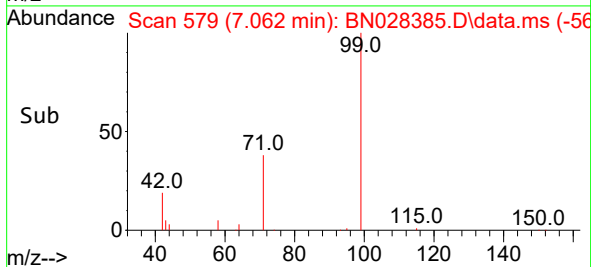
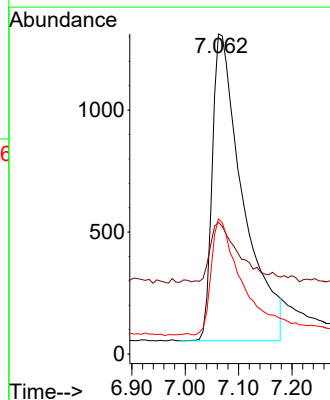
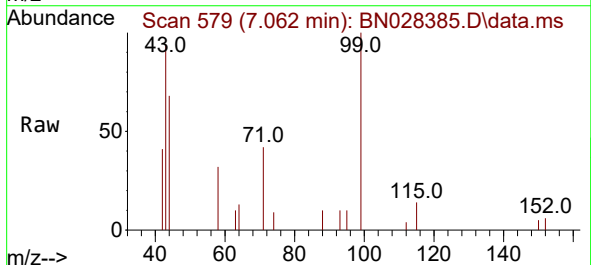
Instrument :
BNA_N
ClientSampleId :
PB156521BL

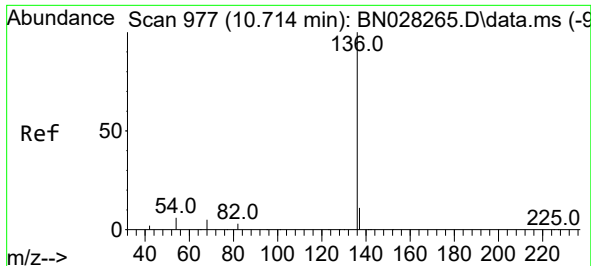
Tgt Ion:112 Resp: 4838
Ion Ratio Lower Upper
112 100
64 59.0 46.9 70.3
63 32.9 25.0 37.4



#5
Phenol-d6
Concen: 0.332 ng
RT: 7.062 min Scan# 579
Delta R.T. 0.007 min
Lab File: BN028385.D
Acq: 24 Oct 2023 21:49

Tgt Ion: 99 Resp: 5009
Ion Ratio Lower Upper
99 100
42 18.4 15.9 23.9
71 37.6 28.6 42.8

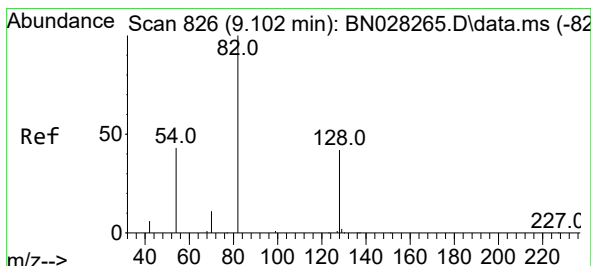
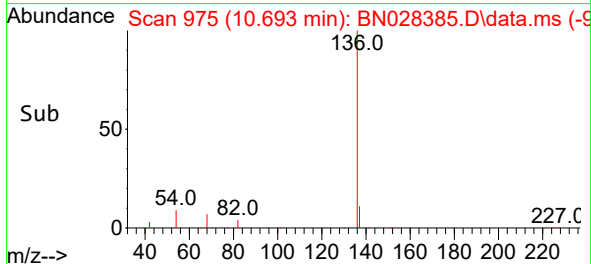
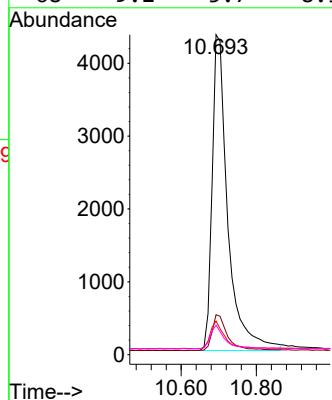
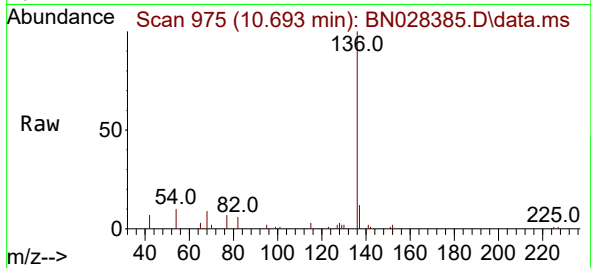




#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.693 min Scan# 91
Delta R.T. -0.011 min
Lab File: BN028385.D
Acq: 24 Oct 2023 21:49

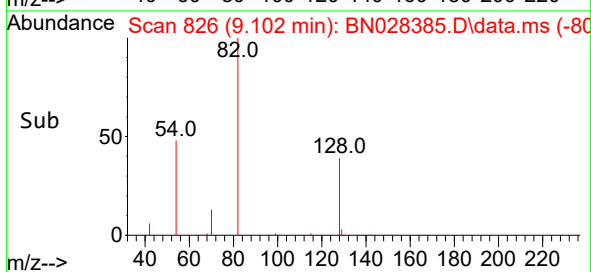
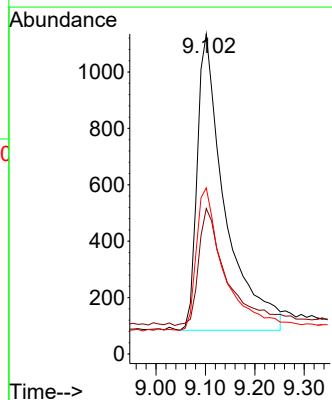
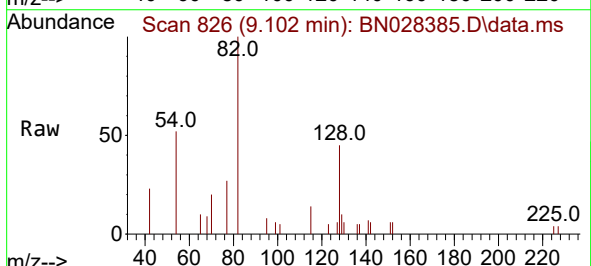
Instrument :
BNA_N
ClientSampleId :
PB156521BL

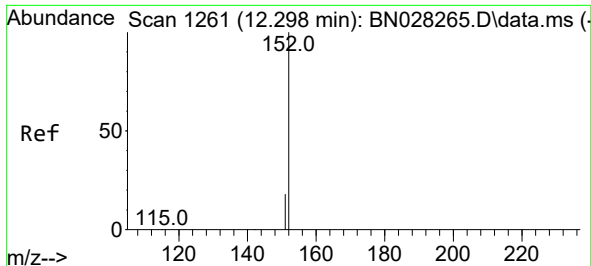
Tgt Ion:136 Resp: 12594
Ion Ratio Lower Upper
136 100
137 12.5 9.8 14.8
54 10.5 6.2 9.4#
68 9.2 5.7 8.5#



#8
Nitrobenzene-d5
Concen: 0.365 ng
RT: 9.102 min Scan# 826
Delta R.T. 0.000 min
Lab File: BN028385.D
Acq: 24 Oct 2023 21:49

Tgt Ion: 82 Resp: 4080
Ion Ratio Lower Upper
82 100
128 45.5 36.8 55.2
54 51.9 37.4 56.2

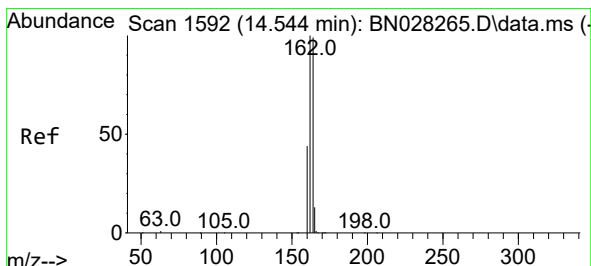
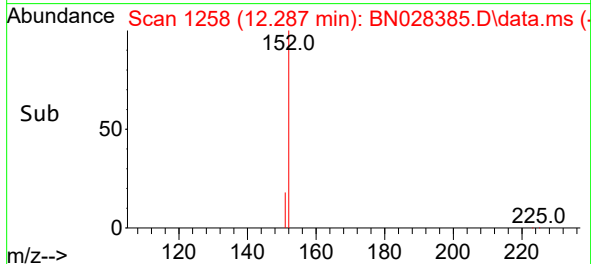
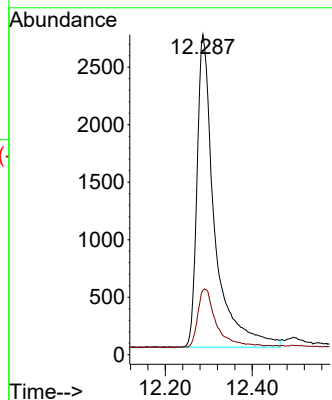
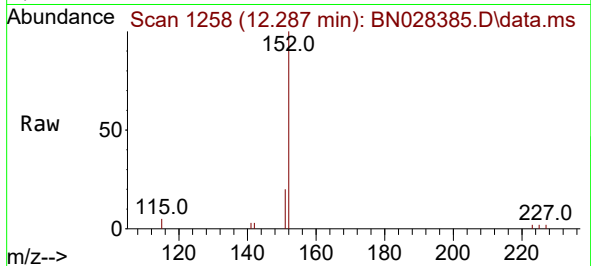




#11
2-Methylnaphthalene-d10
Concen: 0.404 ng
RT: 12.287 min Scan# 11
Delta R.T. -0.007 min
Lab File: BN028385.D
Acq: 24 Oct 2023 21:49

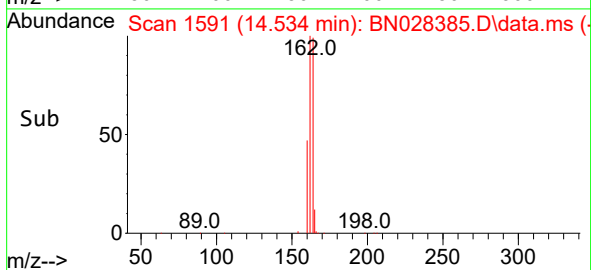
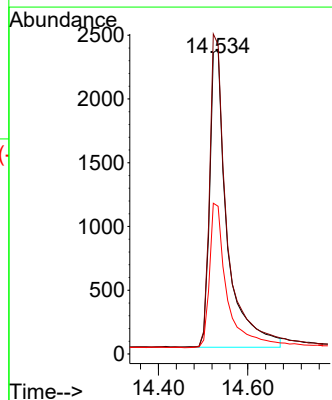
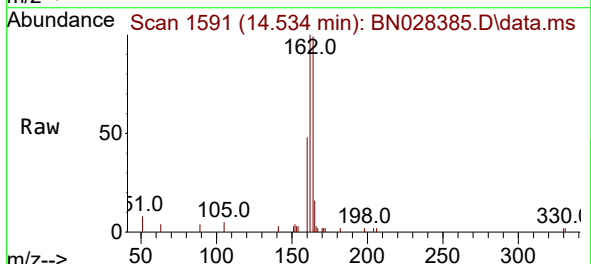
Instrument :
BNA_N
ClientSampleId :
PB156521BL

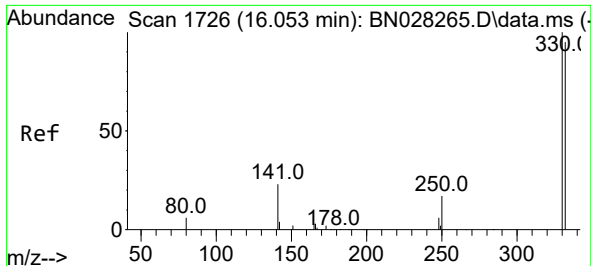
Tgt Ion:152 Resp: 7644
Ion Ratio Lower Upper
152 100
151 19.8 16.1 24.1



#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.534 min Scan# 1591
Delta R.T. 0.000 min
Lab File: BN028385.D
Acq: 24 Oct 2023 21:49

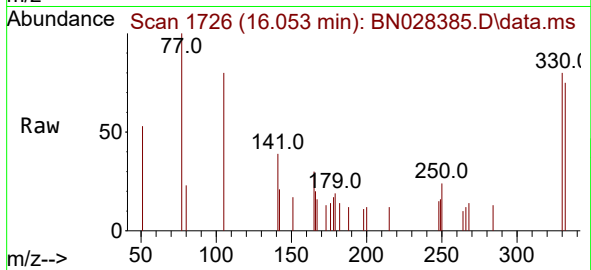
Tgt Ion:164 Resp: 6358
Ion Ratio Lower Upper
164 100
162 101.5 81.1 121.7
160 48.5 36.6 54.8



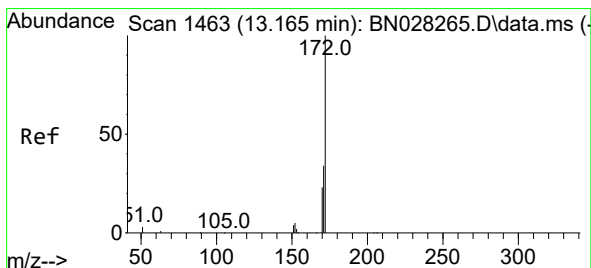
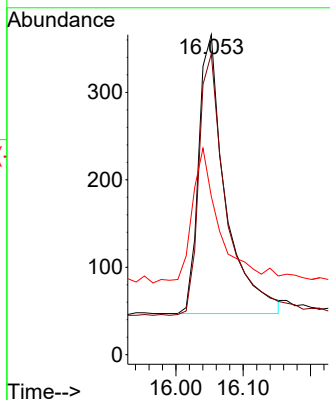
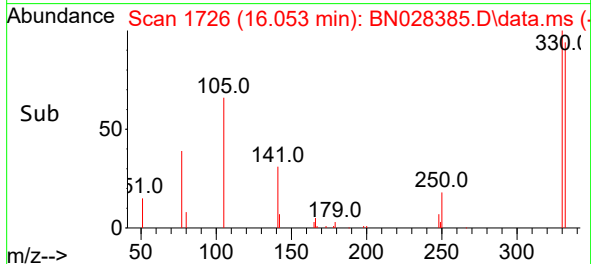


#14
2,4,6-Tribromophenol
Concen: 0.284 ng
RT: 16.053 min Scan# 11
Delta R.T. -0.012 min
Lab File: BN028385.D
Acq: 24 Oct 2023 21:49

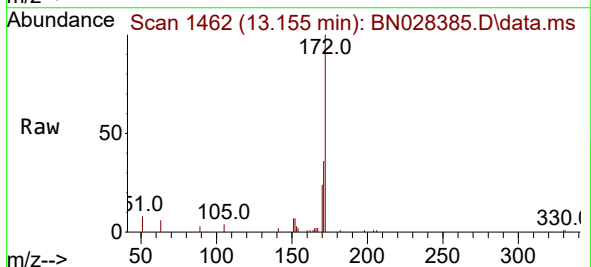
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ClientSampleId :
PB156521BL



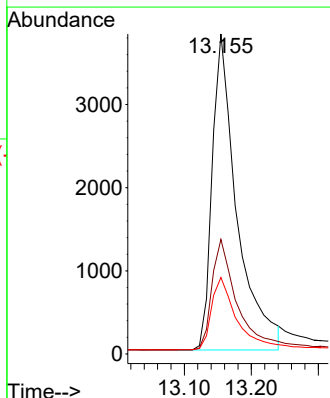
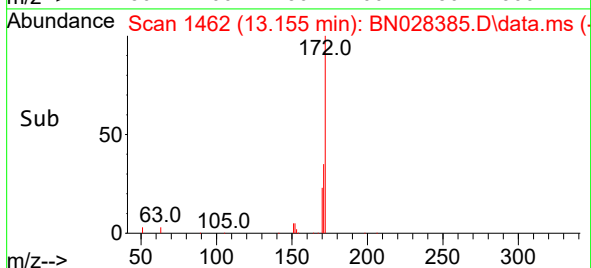
Tgt Ion:330 Resp: 881
Ion Ratio Lower Upper
330 100
332 98.0 74.1 111.1
141 46.8 32.1 48.1

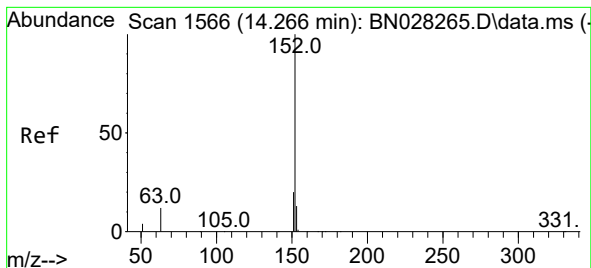


#15
2-Fluorobiphenyl
Concen: 0.436 ng
RT: 13.155 min Scan# 1462
Delta R.T. -0.011 min
Lab File: BN028385.D
Acq: 24 Oct 2023 21:49



Tgt Ion:172 Resp: 9759
Ion Ratio Lower Upper
172 100
171 35.8 28.3 42.5
170 23.9 18.7 28.1





#16

Acenaphthylene

Concen: 0.064 ng

RT: 14.256 min Scan# 1565

Delta R.T. 0.000 min

Lab File: BN028385.D

Acq: 24 Oct 2023 21:49

Instrument :

BNA_N

ClientSampleId :

PB156521BL

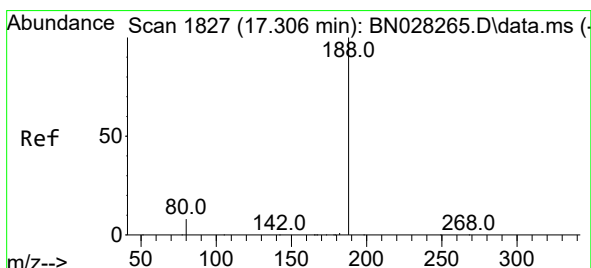
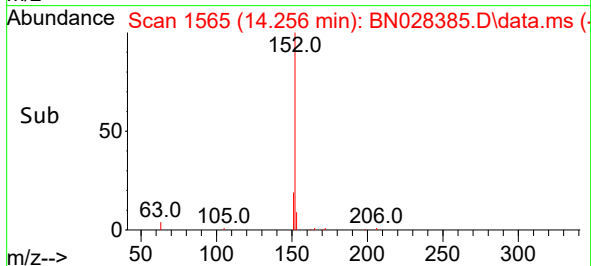
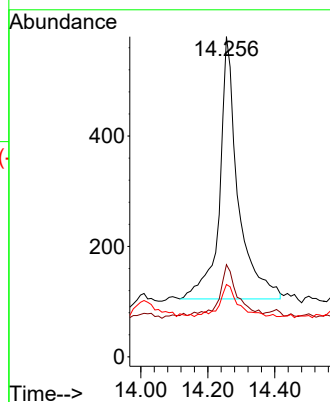
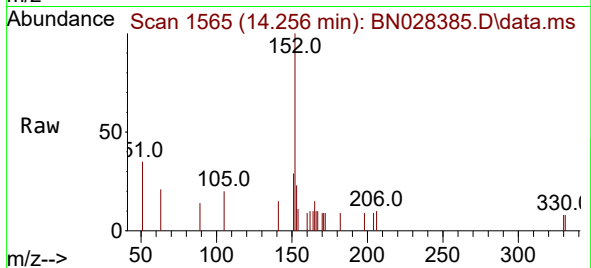
Tgt Ion:152 Resp: 1817

Ion Ratio Lower Upper

152 100

151 17.9 15.6 23.4

153 12.3 10.6 16.0



#19

Phenanthrene-d10

Concen: 0.400 ng

RT: 17.294 min Scan# 1826

Delta R.T. 0.000 min

Lab File: BN028385.D

Acq: 24 Oct 2023 21:49

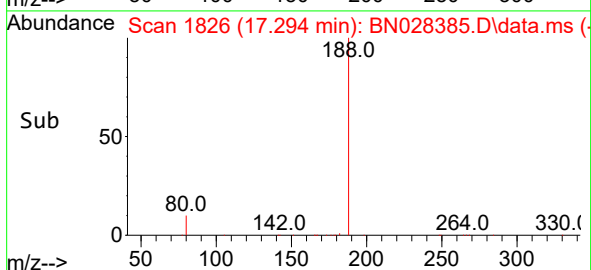
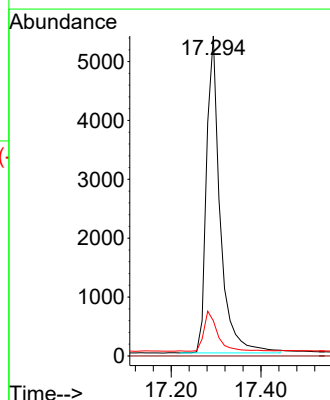
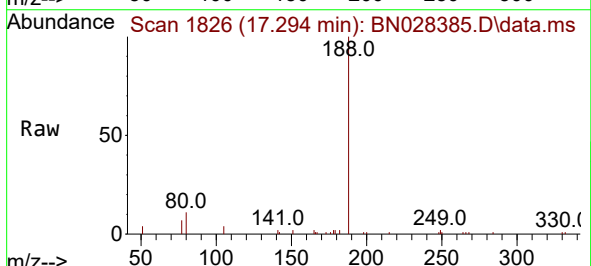
Tgt Ion:188 Resp: 11319

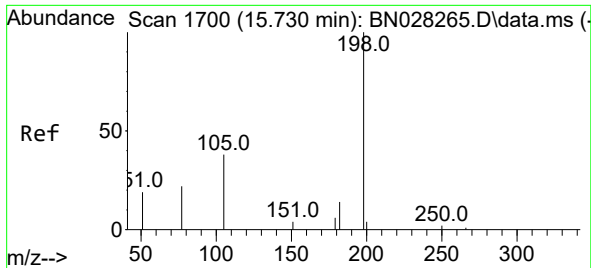
Ion Ratio Lower Upper

188 100

94 0.0 0.0 0.0

80 11.0 7.1 10.7#

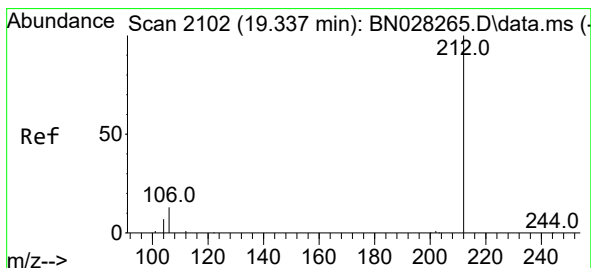
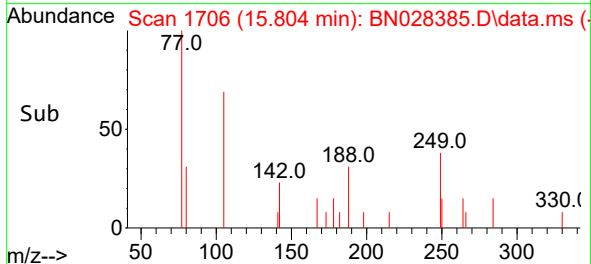
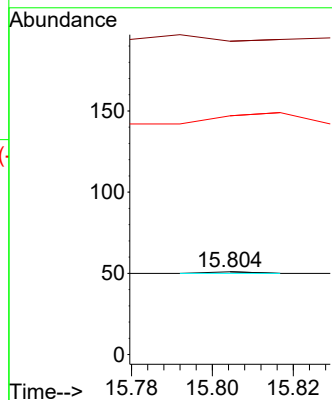
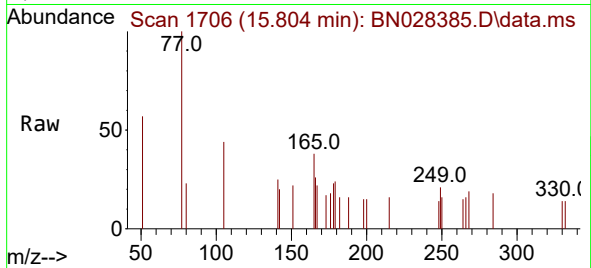




#20
4,6-Dinitro-2-methylphenol
Concen: 0.181 ng
RT: 15.804 min Scan# 11
Delta R.T. 0.000 min
Lab File: BN028385.D
Acq: 24 Oct 2023 21:49

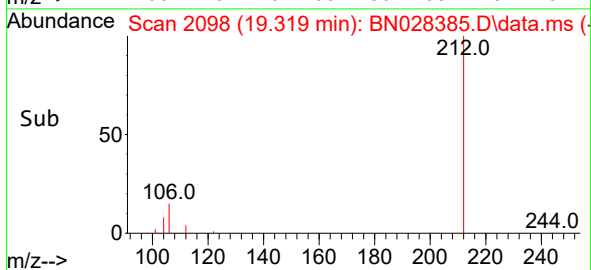
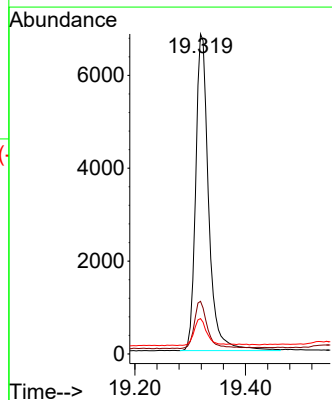
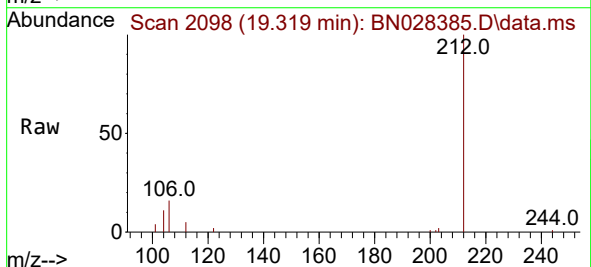
Instrument :
BNA_N
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PB156521BL

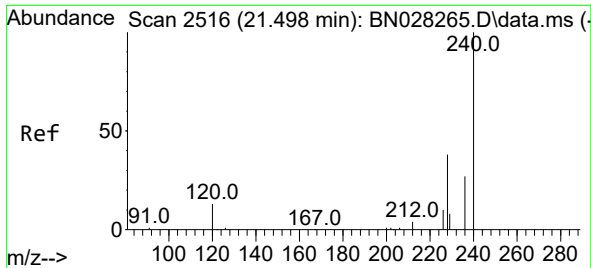
Tgt Ion:198 Resp: 1
Ion Ratio Lower Upper
198 100
51 378.4 96.1 144.1#
105 288.2 75.4 113.0#



#27
Fluoranthene-d10
Concen: 0.366 ng
RT: 19.319 min Scan# 2098
Delta R.T. -0.009 min
Lab File: BN028385.D
Acq: 24 Oct 2023 21:49

Tgt Ion:212 Resp: 11082
Ion Ratio Lower Upper
212 100
106 15.1 11.5 17.3
104 8.5 6.7 10.1

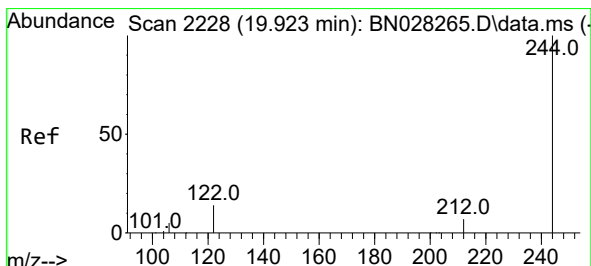
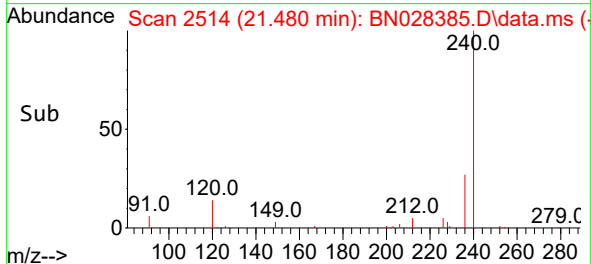
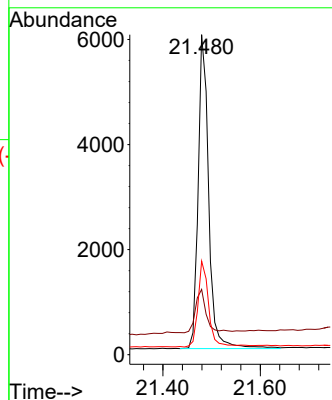
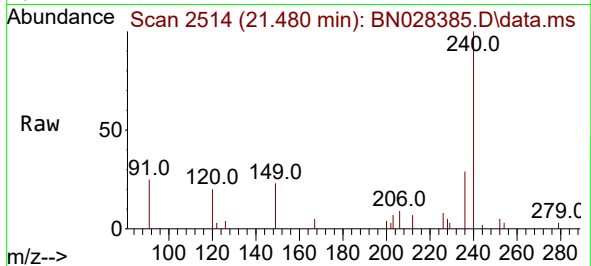




#29
Chrysene-d12
Concen: 0.400 ng
RT: 21.480 min Scan# 21480
Delta R.T. -0.009 min
Lab File: BN028385.D
Acq: 24 Oct 2023 21:49

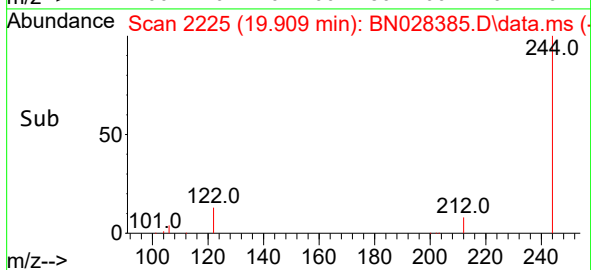
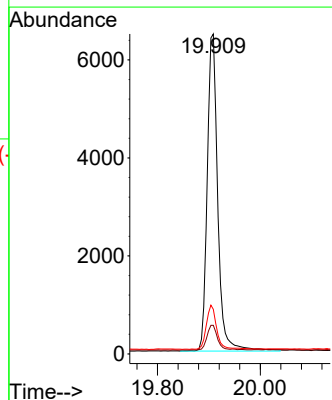
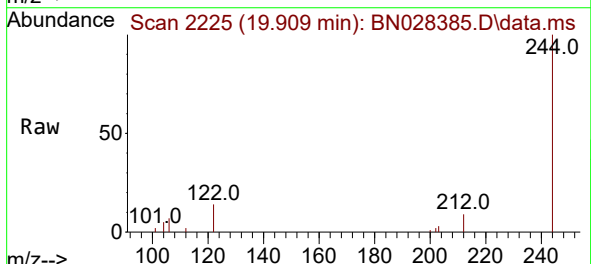
Instrument :
BNA_N
ClientSampleId :
PB156521BL

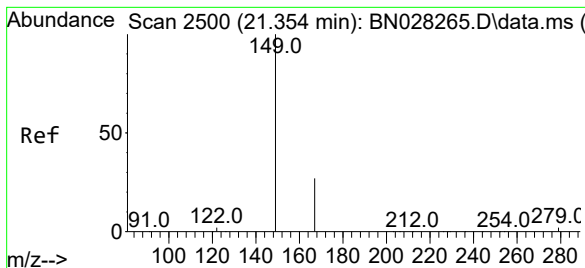
Tgt Ion:240 Resp: 8957
Ion Ratio Lower Upper
240 100
120 20.4 13.4 20.0#
236 29.3 22.7 34.1



#31
Terphenyl-d14
Concen: 0.483 ng
RT: 19.909 min Scan# 2225
Delta R.T. -0.009 min
Lab File: BN028385.D
Acq: 24 Oct 2023 21:49

Tgt Ion:244 Resp: 9175
Ion Ratio Lower Upper
244 100
212 8.9 6.6 10.0
122 13.9 11.7 17.5

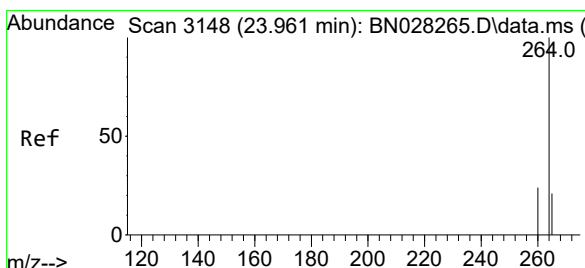
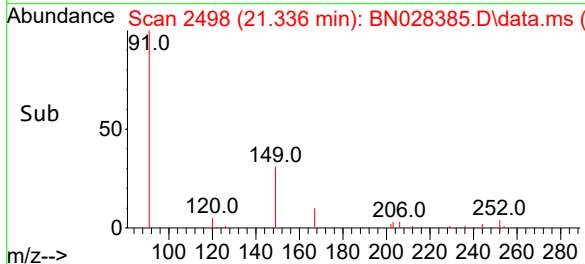
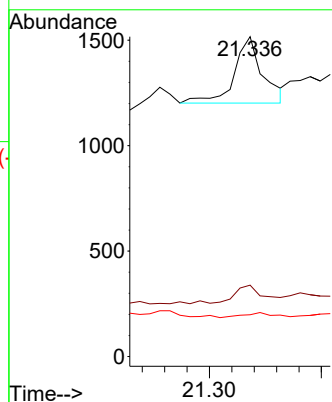
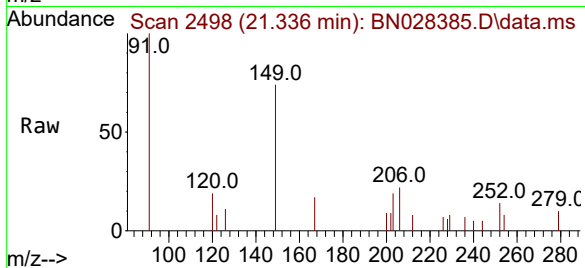




#34
 Bis(2-ethylhexyl)phthalate
 Concen: 0.023 ng
 RT: 21.336 min Scan# 2498
 Delta R.T. -0.009 min
 Lab File: BN028385.D
 Acq: 24 Oct 2023 21:49

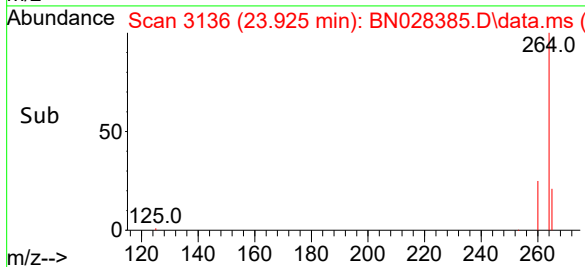
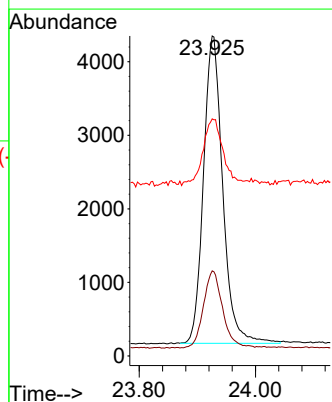
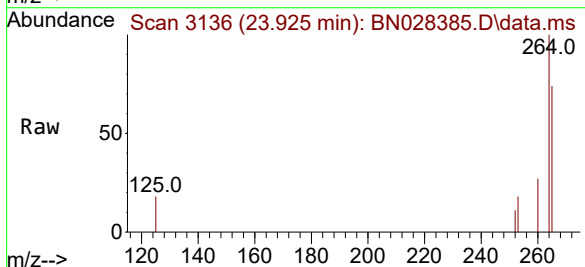
Instrument :
 BNA_N
 ClientSampleId :
 PB156521BL

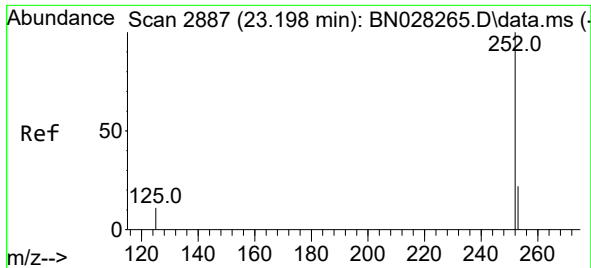
Tgt Ion:149 Resp: 553
 Ion Ratio Lower Upper
 149 100
 167 30.6 22.6 34.0
 279 7.8 4.2 6.2#



#35
 Perylene-d12
 Concen: 0.400 ng
 RT: 23.925 min Scan# 3136
 Delta R.T. -0.012 min
 Lab File: BN028385.D
 Acq: 24 Oct 2023 21:49

Tgt Ion:264 Resp: 9594
 Ion Ratio Lower Upper
 264 100
 260 26.6 20.7 31.1
 265 74.1 38.3 57.5#





#37

Benzo(b)fluoranthene

Concen: 0.021 ng

RT: 23.174 min Scan# 21

Delta R.T. -0.003 min

Lab File: BN028385.D

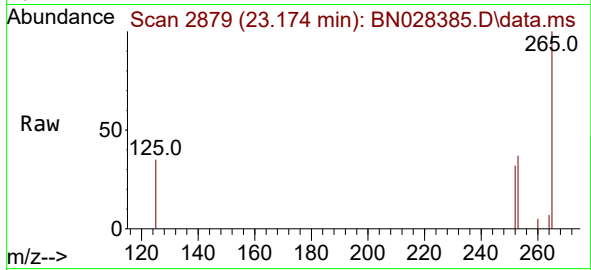
Acq: 24 Oct 2023 21:49

Instrument :

BNA_N

ClientSampleId :

PB156521BL



Tgt Ion:252 Resp: 628

Ion Ratio Lower Upper

252 100

253 113.4 21.8 32.8#

125 109.7 15.6 23.4#

