

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN102323\
 Data File : BN028345.D
 Acq On : 23 Oct 2023 14:41
 Operator : MA/JU
 Sample : PB156364BL
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 PB156364BL

Quant Time: Oct 23 15:16:19 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	7.892	152	3445	0.400	ng	0.01
7) Naphthalene-d8	10.746	136	10153	0.400	ng	# 0.04
13) Acenaphthene-d10	14.555	164	6195	0.400	ng	0.02
19) Phenanthrene-d10	17.318	188	13801	0.400	ng	# 0.02
29) Chrysene-d12	21.506	240	10823	0.400	ng	0.02
35) Perylene-d12	23.949	264	9613	0.400	ng	# 0.01
System Monitoring Compounds						
4) 2-Fluorophenol	5.430	112	3307	0.309	ng	0.00
5) Phenol-d6	7.105	99	2570	0.195	ng	0.05
8) Nitrobenzene-d5	9.166	82	2391	0.265	ng	0.06
11) 2-Methylnaphthalene-d10	12.343	152	5573	0.365	ng	0.05
14) 2,4,6-Tribromophenol	16.114	330	463	0.153	ng	0.05
15) 2-Fluorobiphenyl	13.208	172	6167	0.283	ng	0.04
27) Fluoranthene-d10	19.346	212	12755	0.346	ng	0.02
31) Terphenyl-d14	19.927	244	10335	0.450	ng	0.00

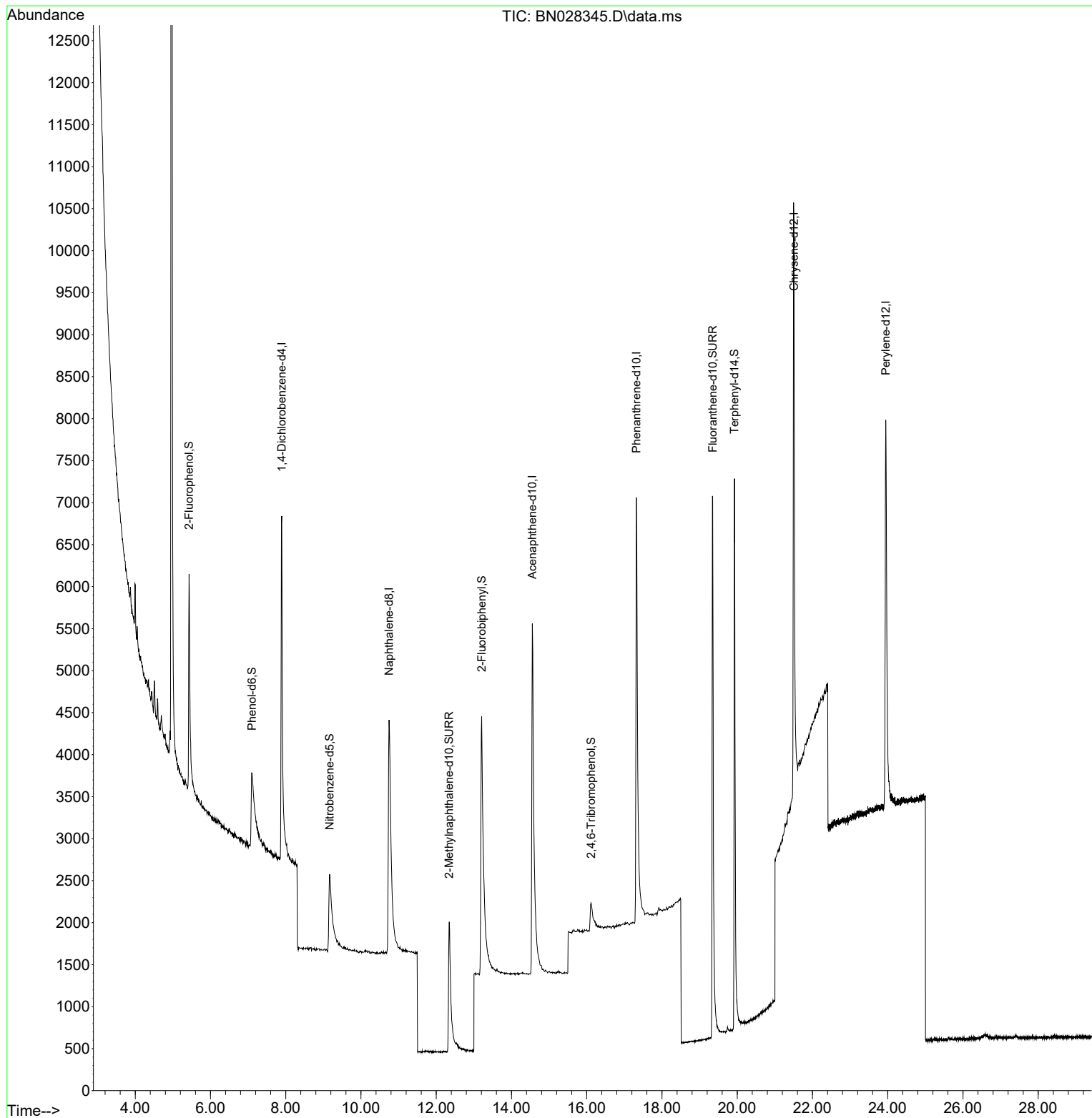
Target Compounds Qvalue

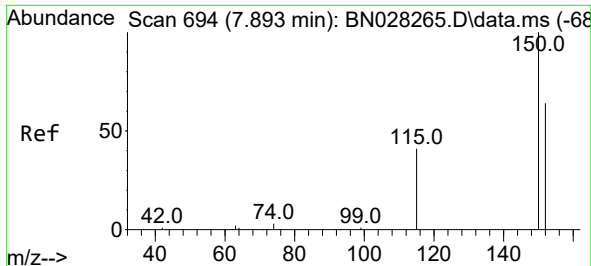
 (#) = qualifier out of range (m) = manual integration (+) = signals summed

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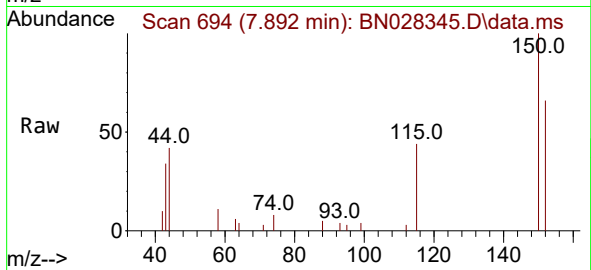
Quant Time: Oct 23 15:16:19 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN101223.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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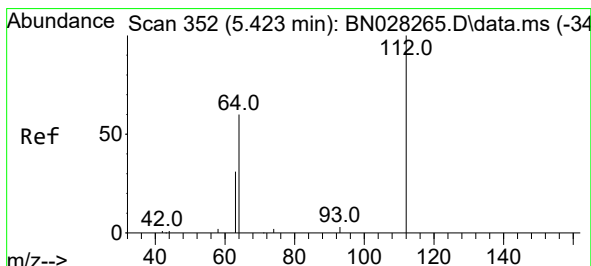
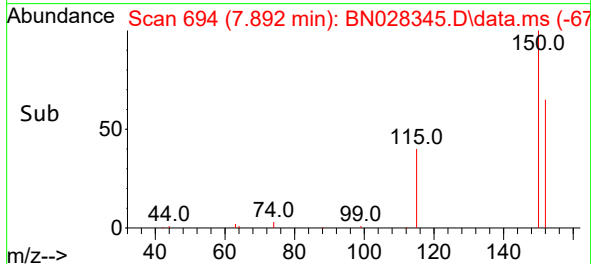
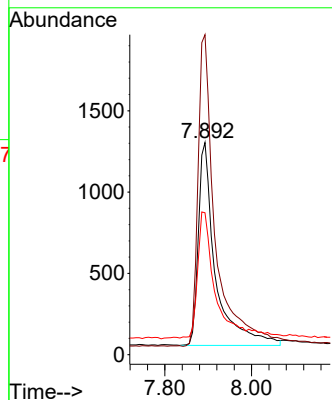


#1
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.892 min Scan# 61
Delta R.T. 0.014 min
Lab File: BN028345.D
Acq: 23 Oct 2023 14:41

Instrument :
BNA_N
ClientSampleId :
PB156364BL

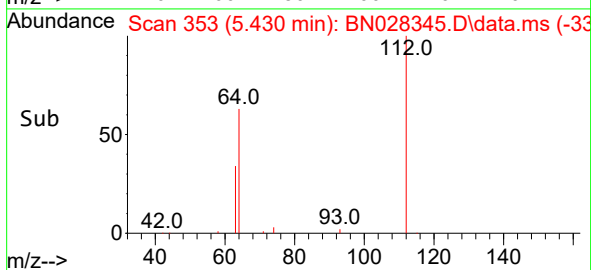
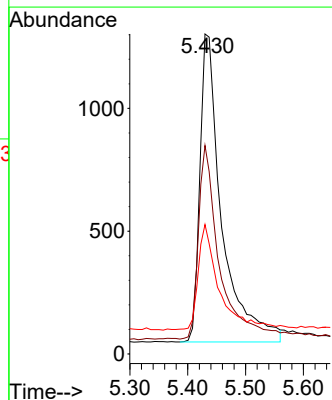
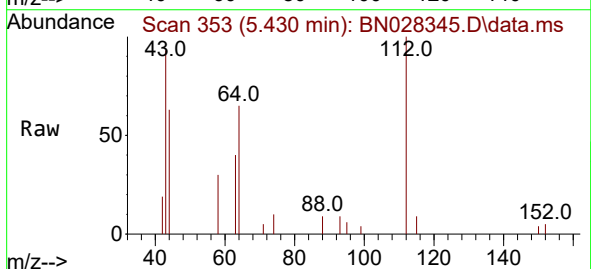


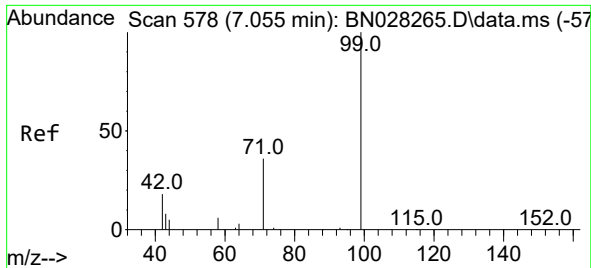
Tgt Ion:152 Resp: 3445
Ion Ratio Lower Upper
152 100
150 150.8 121.6 182.4
115 66.9 54.3 81.5



#4
2-Fluorophenol
Concen: 0.309 ng
RT: 5.430 min Scan# 353
Delta R.T. -0.000 min
Lab File: BN028345.D
Acq: 23 Oct 2023 14:41

Tgt Ion:112 Resp: 3307
Ion Ratio Lower Upper
112 100
64 60.0 46.9 70.3
63 32.0 25.0 37.4

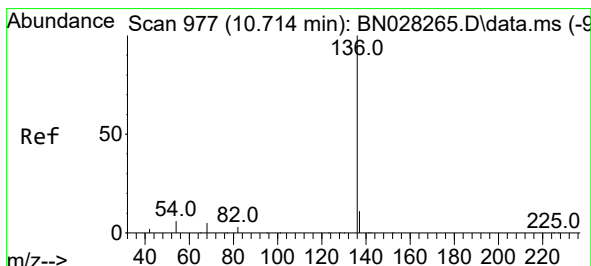
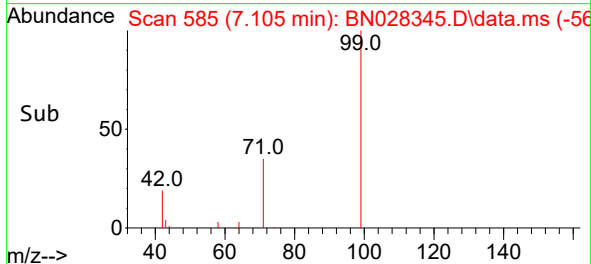
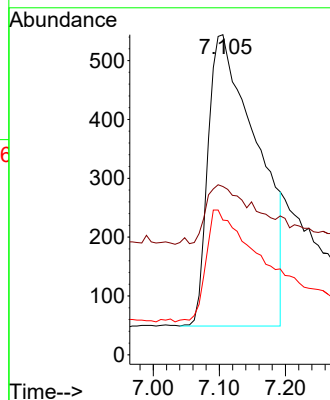
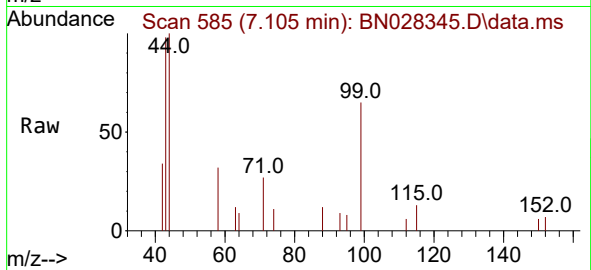




#5
Phenol-d6
Concen: 0.195 ng
RT: 7.105 min Scan# 51
Delta R.T. 0.050 min
Lab File: BN028345.D
Acq: 23 Oct 2023 14:41

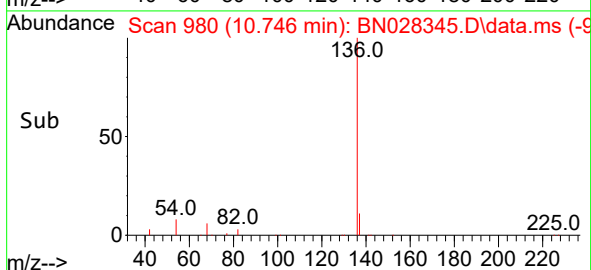
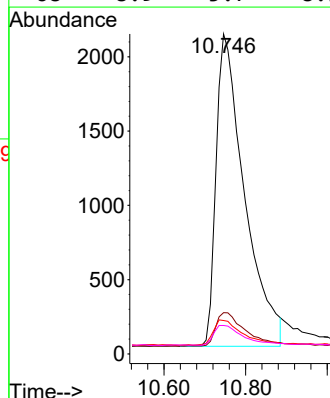
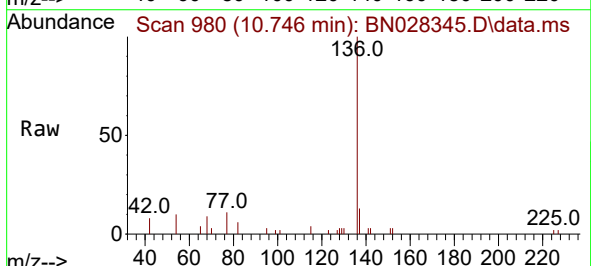
Instrument :
BNA_N
ClientSampleId :
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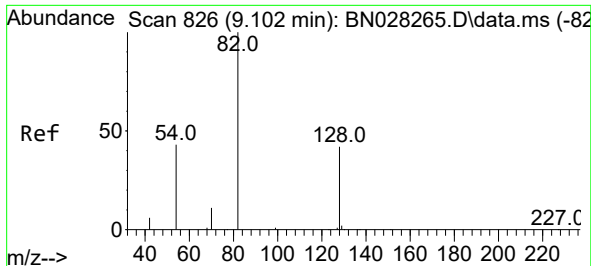
Tgt Ion: 99 Resp: 2570
Ion Ratio Lower Upper
99 100
42 19.2 15.9 23.9
71 37.2 28.6 42.8



#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.746 min Scan# 980
Delta R.T. 0.043 min
Lab File: BN028345.D
Acq: 23 Oct 2023 14:41

Tgt Ion: 136 Resp: 10153
Ion Ratio Lower Upper
136 100
137 12.9 9.8 14.8
54 10.4 6.2 9.4#
68 8.9 5.7 8.5#

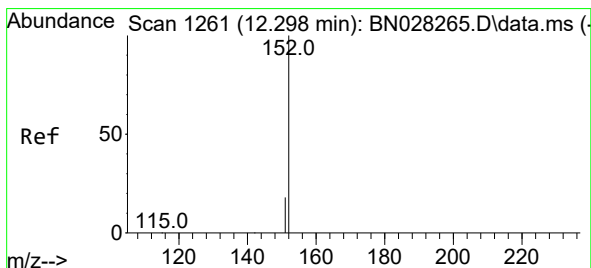
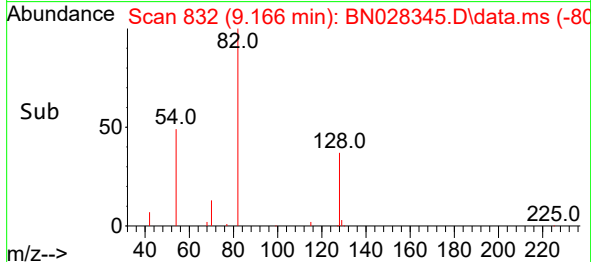
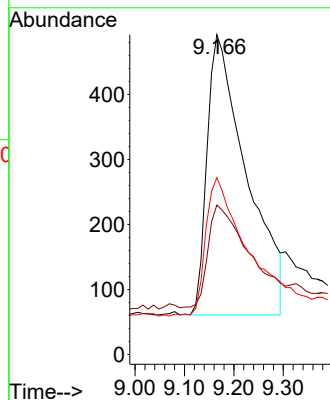
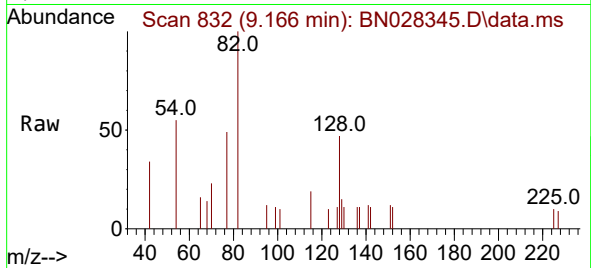




#8
Nitrobenzene-d5
Concen: 0.265 ng
RT: 9.166 min Scan# 81
Delta R.T. 0.064 min
Lab File: BN028345.D
Acq: 23 Oct 2023 14:41

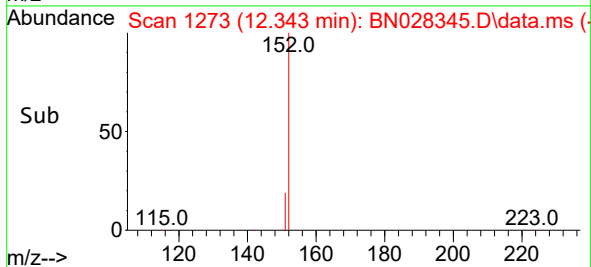
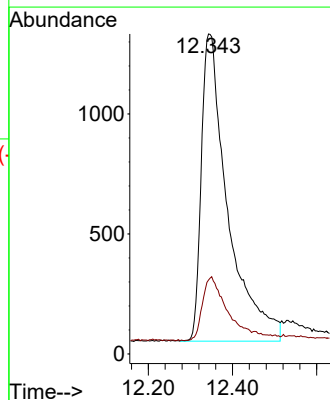
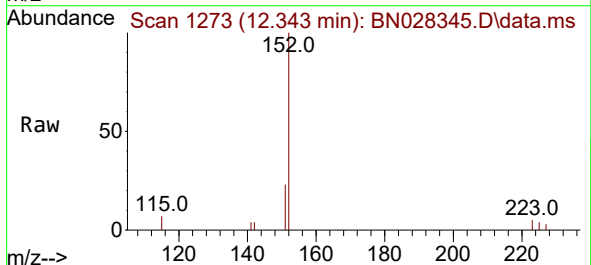
Instrument :
BNA_N
ClientSampleId :
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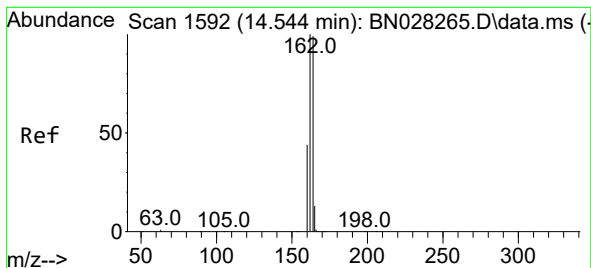
Tgt Ion: 82 Resp: 2391
Ion Ratio Lower Upper
82 100
128 46.7 36.8 55.2
54 55.3 37.4 56.2



#11
2-Methylnaphthalene-d10
Concen: 0.365 ng
RT: 12.343 min Scan# 1273
Delta R.T. 0.049 min
Lab File: BN028345.D
Acq: 23 Oct 2023 14:41

Tgt Ion: 152 Resp: 5573
Ion Ratio Lower Upper
152 100
151 19.1 16.1 24.1





#13

Acenaphthene-d10

Concen: 0.400 ng

RT: 14.555 min Scan# 11

Delta R.T. 0.021 min

Lab File: BN028345.D

Acq: 23 Oct 2023 14:41

Instrument :

BNA_N

ClientSampleId :

PB156364BL

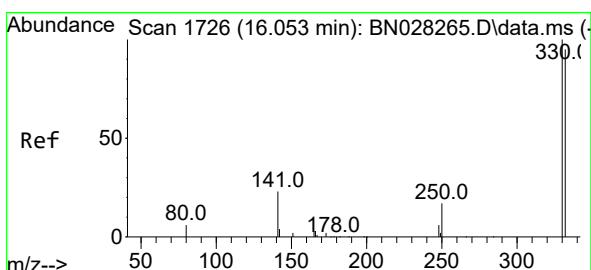
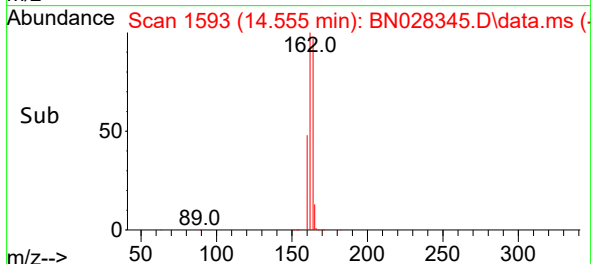
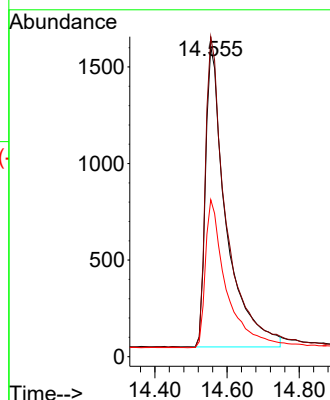
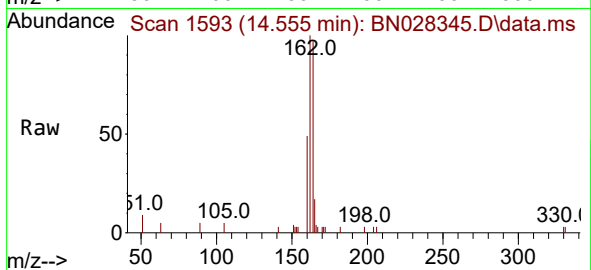
Tgt Ion:164 Resp: 6195

Ion Ratio Lower Upper

164 100

162 103.3 81.1 121.7

160 50.7 36.6 54.8



#14

2,4,6-Tribromophenol

Concen: 0.153 ng

RT: 16.114 min Scan# 1731

Delta R.T. 0.050 min

Lab File: BN028345.D

Acq: 23 Oct 2023 14:41

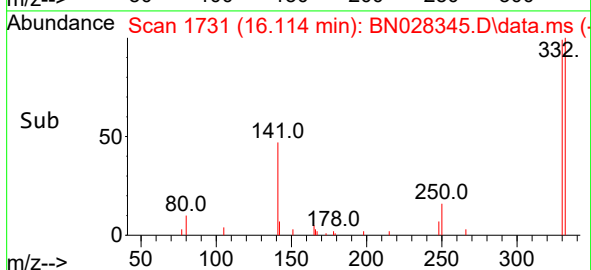
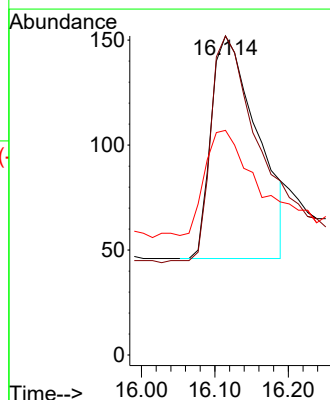
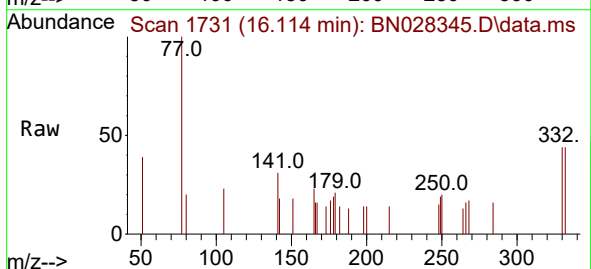
Tgt Ion:330 Resp: 463

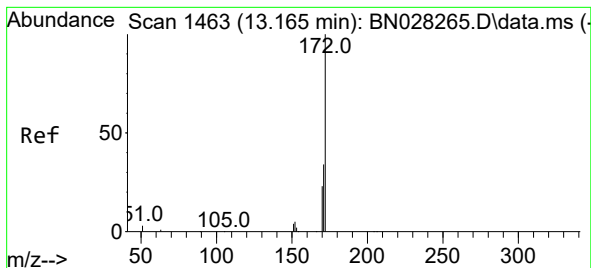
Ion Ratio Lower Upper

330 100

332 101.3 74.1 111.1

141 52.3 32.1 48.1#





#15

2-Fluorobiphenyl

Concen: 0.283 ng

RT: 13.208 min Scan# 1467

Delta R.T. 0.043 min

Lab File: BN028345.D

Acq: 23 Oct 2023 14:41

Instrument :

BNA_N

ClientSampleId :

PB156364BL

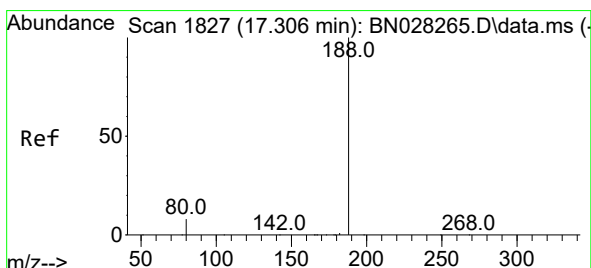
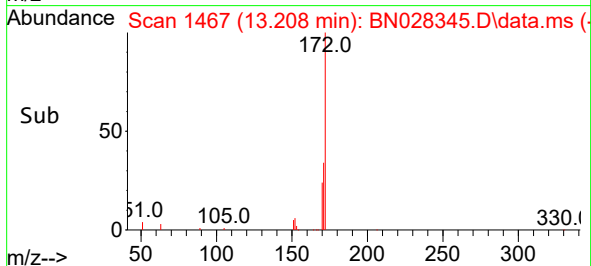
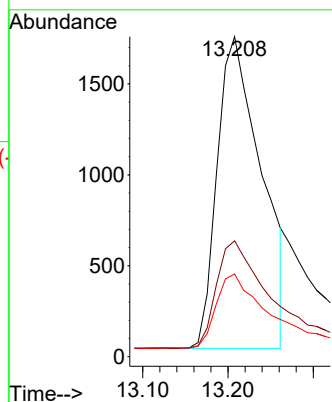
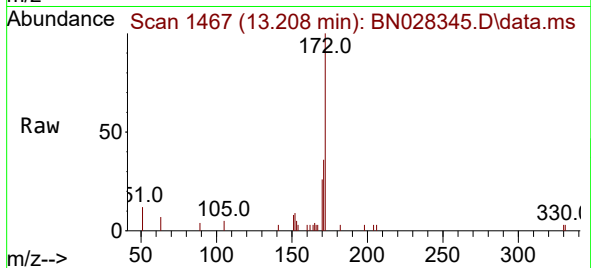
Tgt Ion:172 Resp: 6167

Ion Ratio Lower Upper

172 100

171 36.2 28.3 42.5

170 25.9 18.7 28.1



#19

Phenanthrene-d10

Concen: 0.400 ng

RT: 17.318 min Scan# 1828

Delta R.T. 0.025 min

Lab File: BN028345.D

Acq: 23 Oct 2023 14:41

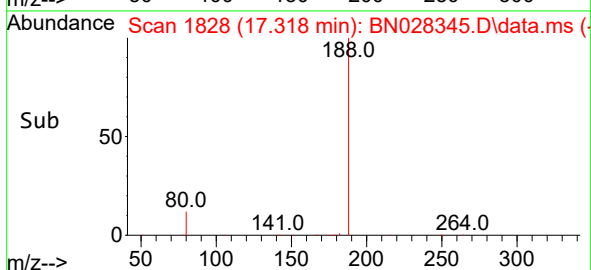
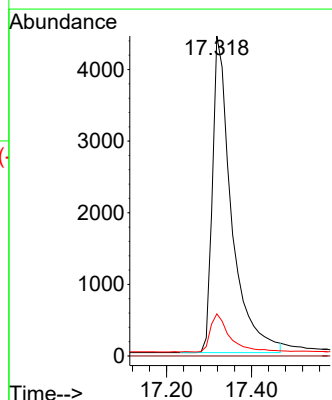
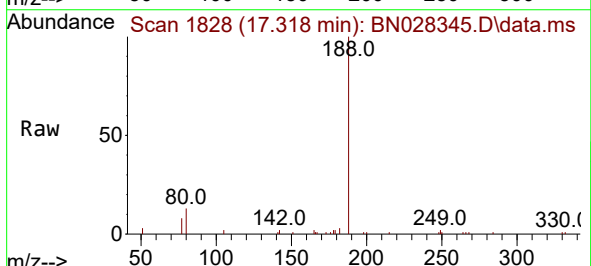
Tgt Ion:188 Resp: 13801

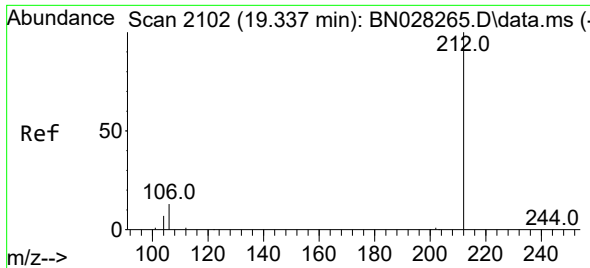
Ion Ratio Lower Upper

188 100

94 0.0 0.0 0.0

80 13.2 7.1 10.7#

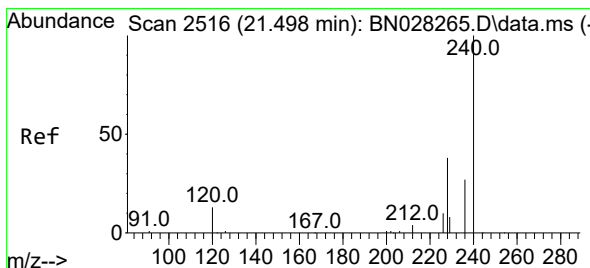
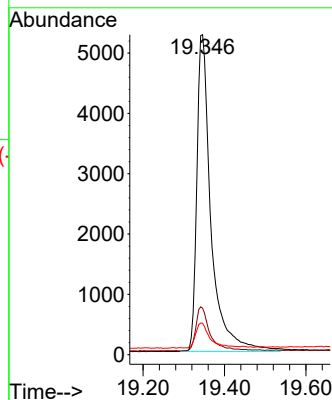
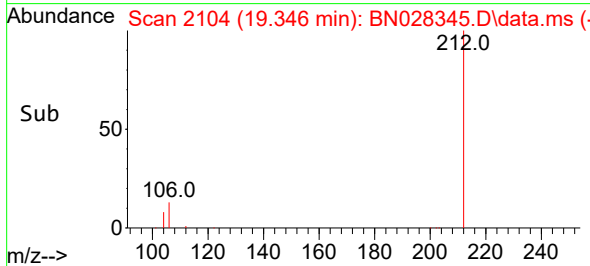
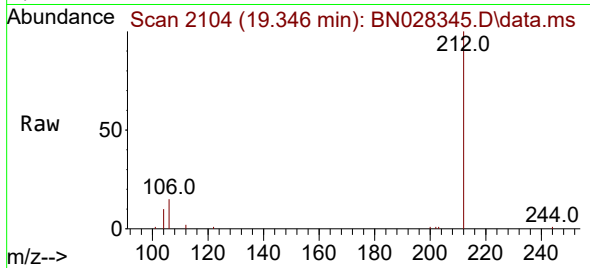




#27
Fluoranthene-d10
Concen: 0.346 ng
RT: 19.346 min Scan# 2104
Delta R.T. 0.018 min
Lab File: BN028345.D
Acq: 23 Oct 2023 14:41

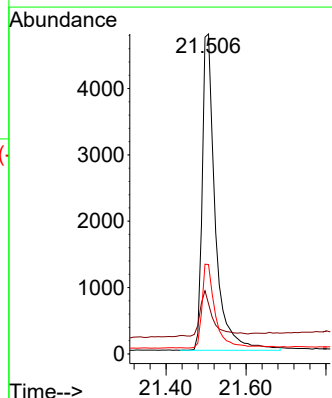
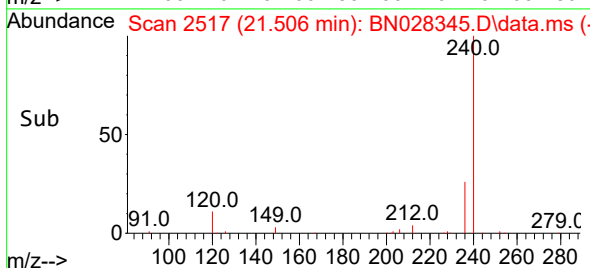
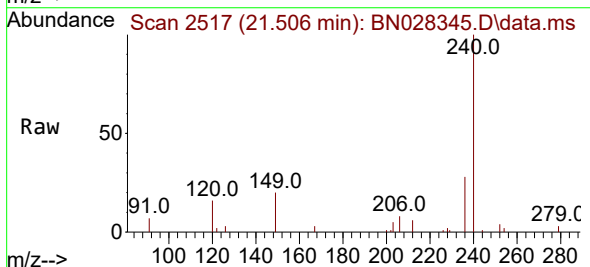
Instrument :
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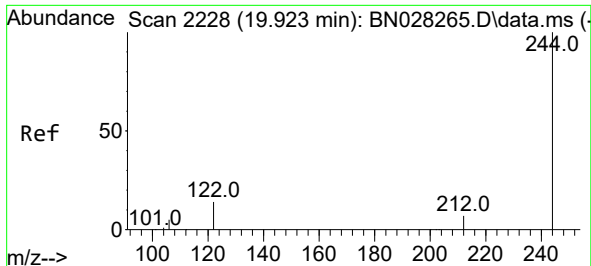
Tgt Ion	Ratio	Lower	Upper
212	100		
106	13.9	11.5	17.3
104	7.9	6.7	10.1



#29
Chrysene-d12
Concen: 0.400 ng
RT: 21.506 min Scan# 2517
Delta R.T. 0.018 min
Lab File: BN028345.D
Acq: 23 Oct 2023 14:41

Tgt Ion	Ratio	Lower	Upper
240	100		
120	15.7	13.4	20.0
236	28.0	22.7	34.1

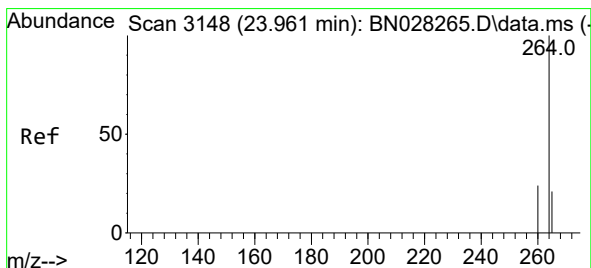
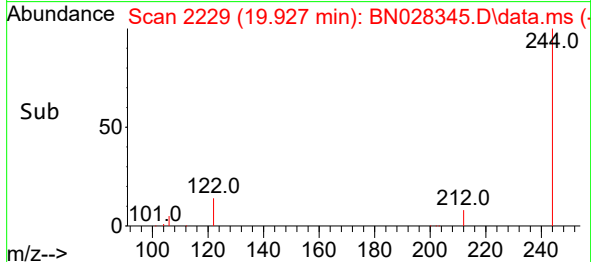
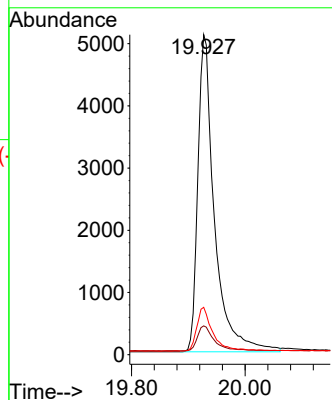
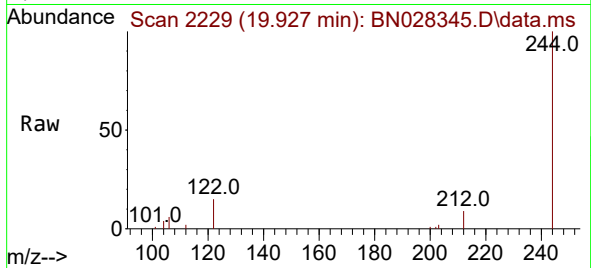




#31
 Terphenyl-d14
 Concen: 0.450 ng
 RT: 19.927 min Scan# 21
 Delta R.T. 0.009 min
 Lab File: BN028345.D
 Acq: 23 Oct 2023 14:41

Instrument :
 BNA_N
 ClientSampleId :
 PB156364BL

Tgt Ion:244 Resp: 10335
 Ion Ratio Lower Upper
 244 100
 212 9.0 6.6 10.0
 122 14.8 11.7 17.5



#35
 Perylene-d12
 Concen: 0.400 ng
 RT: 23.949 min Scan# 3144
 Delta R.T. 0.012 min
 Lab File: BN028345.D
 Acq: 23 Oct 2023 14:41

Tgt Ion:264 Resp: 9613
 Ion Ratio Lower Upper
 264 100
 260 25.5 20.7 31.1
 265 81.4 38.3 57.5#

