

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN100923\
 Data File : BN028183.D
 Acq On : 10 Oct 2023 05:38
 Operator : MA/JU
 Sample : 04740-04
 Misc :
 ALS Vial : 28 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 FW9D

Quant Time: Oct 10 06:08:20 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN100223.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Oct 10 00:42:22 2023
 Response via : Initial Calibration

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

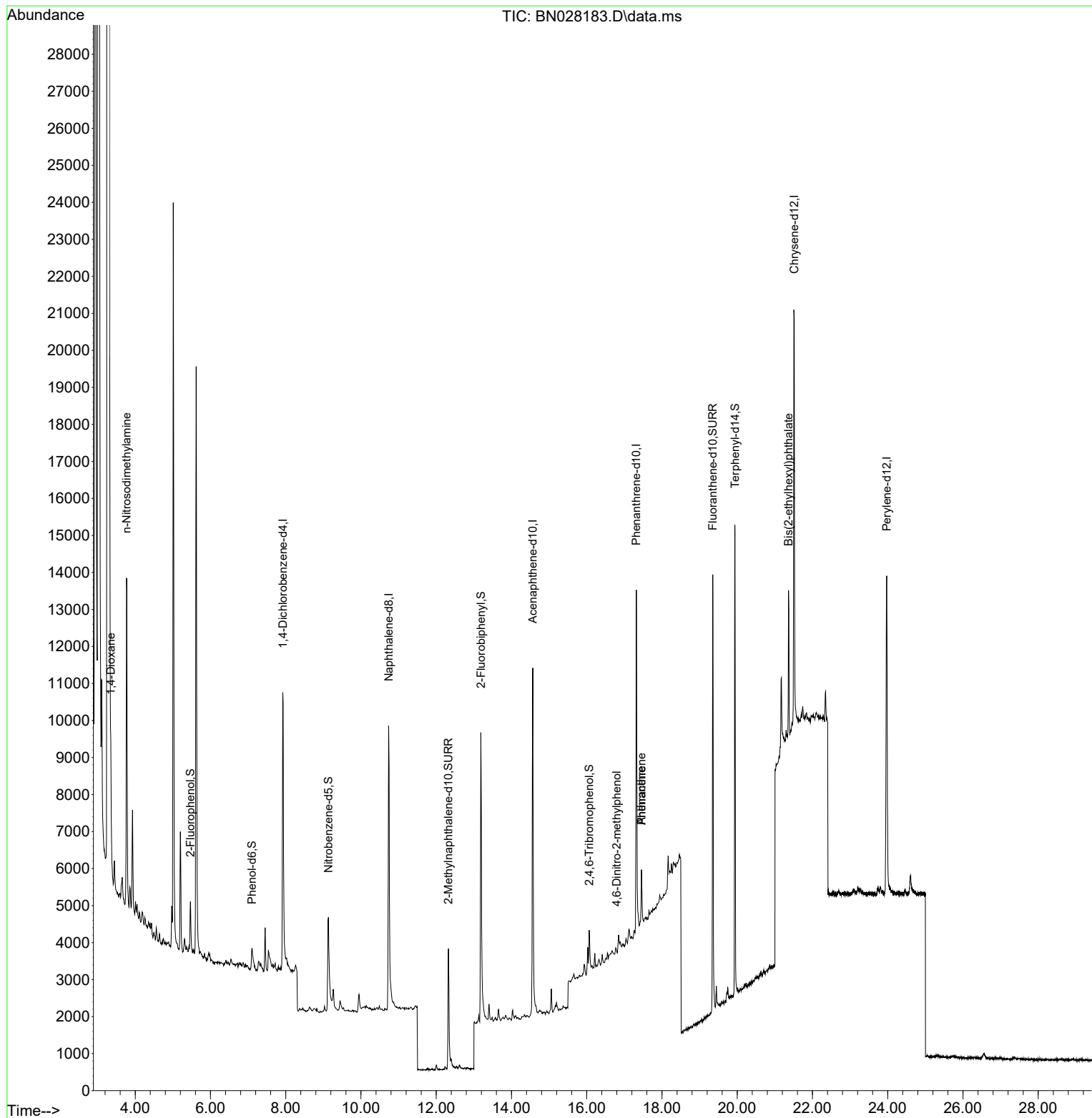
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.922	152	4414	0.400	ng	0.00
7) Naphthalene-d8	10.735	136	12633	0.400	ng	0.00
13) Acenaphthene-d10	14.566	164	6624	0.400	ng	0.00
19) Phenanthrene-d10	17.319	188	13198	0.400	ng	0.00
29) Chrysene-d12	21.515	240	11997	0.400	ng	0.00
35) Perylene-d12	23.972	264	12884	0.400	ng	0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.466	112	1402	0.107	ng	0.00
5) Phenol-d6	7.106	99	915	0.055	ng	0.01
8) Nitrobenzene-d5	9.134	82	3605	0.335	ng	0.01
11) 2-Methylnaphthalene-d10	12.324	152	5970	0.319	ng	0.00
14) 2,4,6-Tribromophenol	16.065	330	743	0.245	ng	-0.01
15) 2-Fluorobiphenyl	13.187	172	8834	0.370	ng	0.00
27) Fluoranthene-d10	19.351	212	13216	0.399	ng	0.00
31) Terphenyl-d14	19.941	244	12994	0.464	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.350	88	1250	0.252	ng	# 71
3) n-Nitrosodimethylamine	3.769	42	1389	0.245	ng	# 1
20) 4,6-Dinitro-2-methylph...	16.797	198	5	0.029	ng	# 1
25) Phenanthrene	17.455	178	1974	0.055	ng	96
26) Anthracene	17.455	178	1969	0.059	ng	96
34) Bis(2-ethylhexyl)phtha...	21.363	149	3760	0.140	ng	99

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

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QLast Update : Tue Oct 10 00:42:22 2023
Response via : Initial Calibration

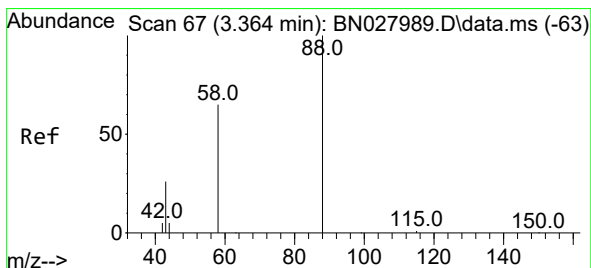
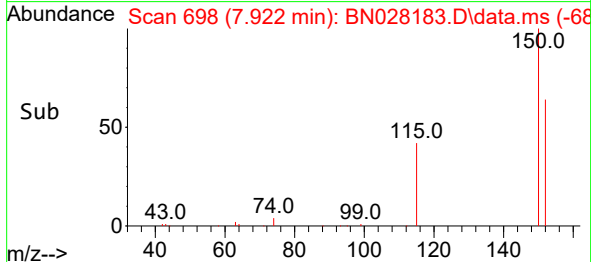
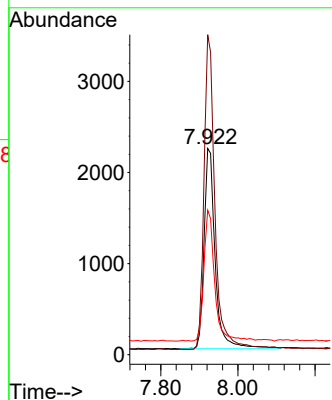
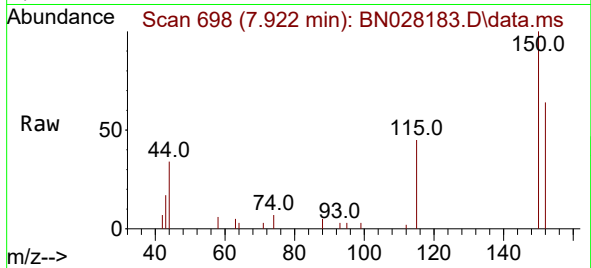




#1
 1,4-Dichlorobenzene-d4
 Concen: 0.400 ng
 RT: 7.922 min Scan# 61
 Delta R.T. -0.000 min
 Lab File: BN028183.D
 Acq: 10 Oct 2023 05:38

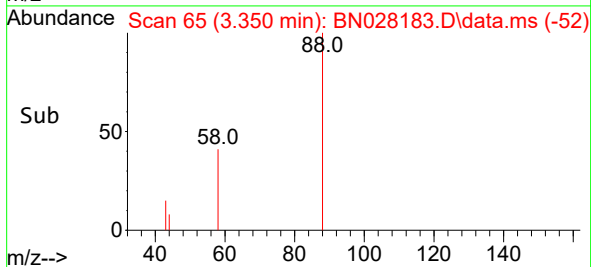
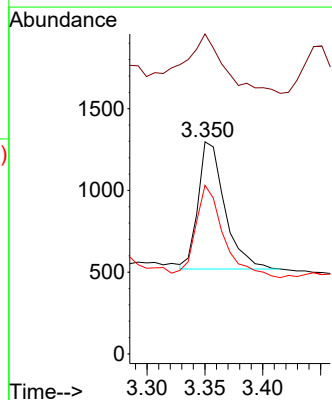
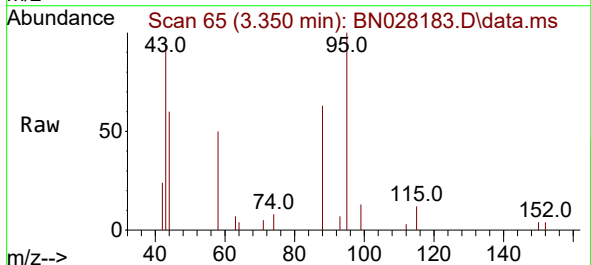
Instrument :
 BNA_N
 ClientSampleId :
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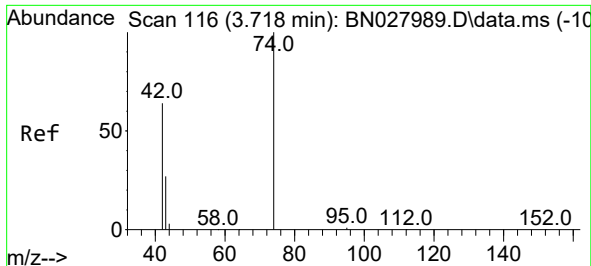
Tgt Ion:152 Resp: 4414
 Ion Ratio Lower Upper
 152 100
 150 155.2 125.6 188.4
 115 70.1 54.8 82.2



#2
 1,4-Dioxane
 Concen: 0.252 ng
 RT: 3.350 min Scan# 65
 Delta R.T. -0.007 min
 Lab File: BN028183.D
 Acq: 10 Oct 2023 05:38

Tgt Ion: 88 Resp: 1250
 Ion Ratio Lower Upper
 88 100
 43 67.4 24.6 36.8#
 58 76.6 53.8 80.6

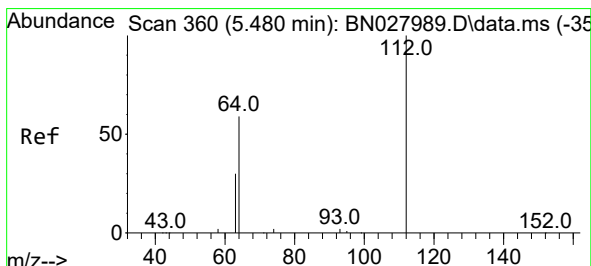
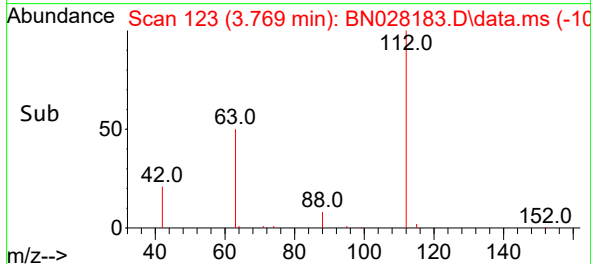
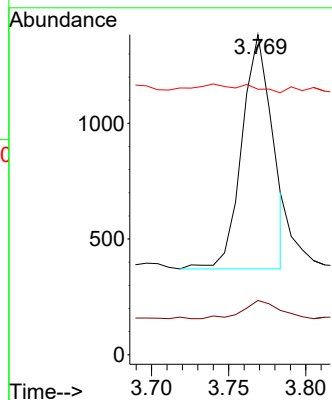
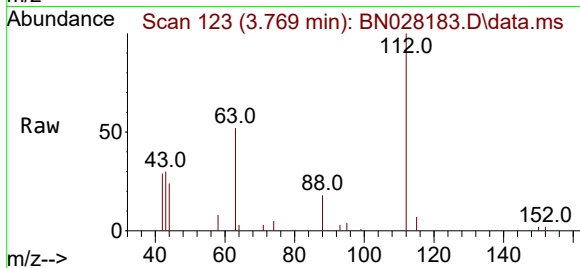




#3
n-Nitrosodimethylamine
Concen: 0.245 ng
RT: 3.769 min Scan# 116
Delta R.T. 0.058 min
Lab File: BN028183.D
Acq: 10 Oct 2023 05:38

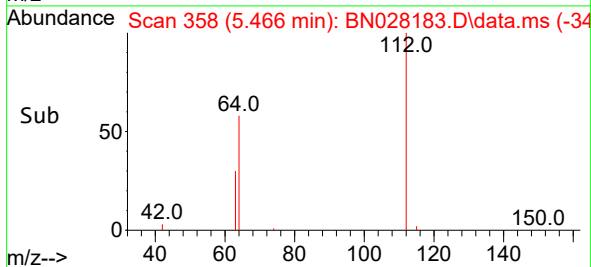
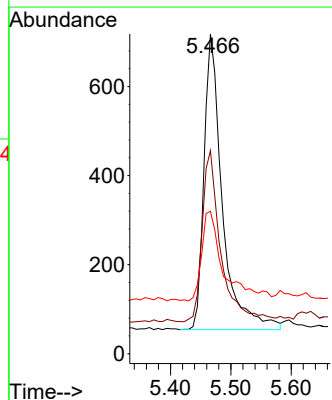
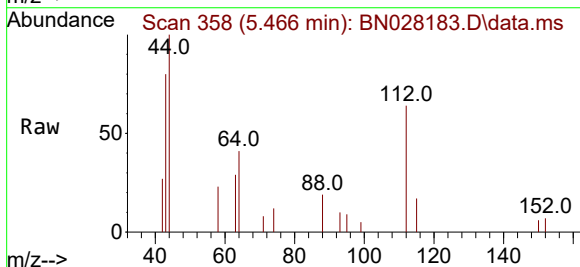
Instrument :
BNA_N
ClientSampleId :
FW9D

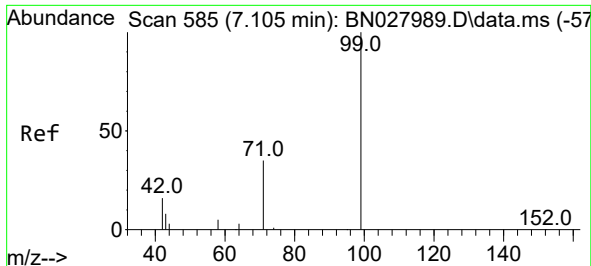
Tgt Ion: 42 Resp: 1389
Ion Ratio Lower Upper
42 100
74 8.1 115.9 173.9#
44 0.0 8.0 12.0#



#4
2-Fluorophenol
Concen: 0.107 ng
RT: 5.466 min Scan# 358
Delta R.T. 0.000 min
Lab File: BN028183.D
Acq: 10 Oct 2023 05:38

Tgt Ion: 112 Resp: 1402
Ion Ratio Lower Upper
112 100
64 58.7 45.0 67.6
63 35.2 23.4 35.0#

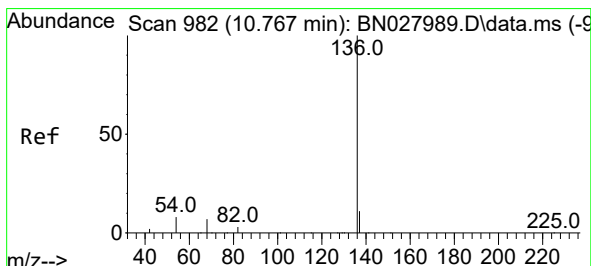
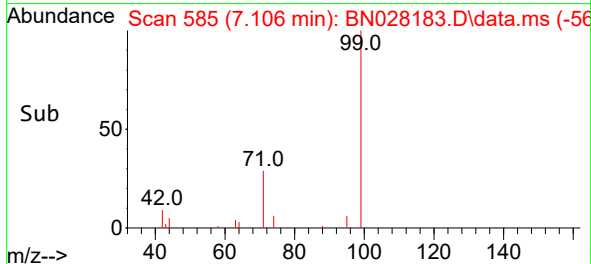
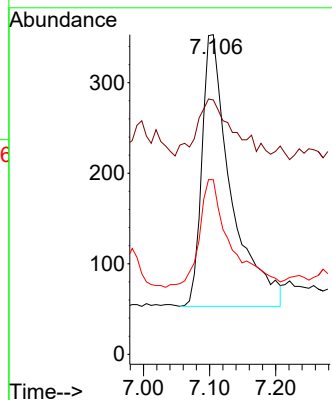
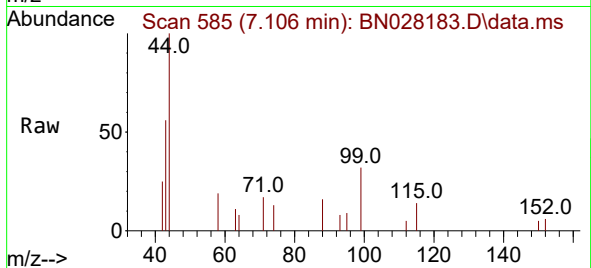




#5
Phenol-d6
Concen: 0.055 ng
RT: 7.106 min Scan# 51
Delta R.T. 0.014 min
Lab File: BN028183.D
Acq: 10 Oct 2023 05:38

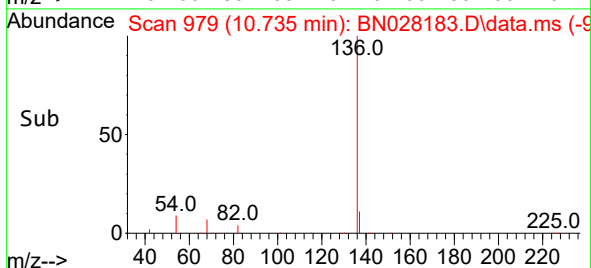
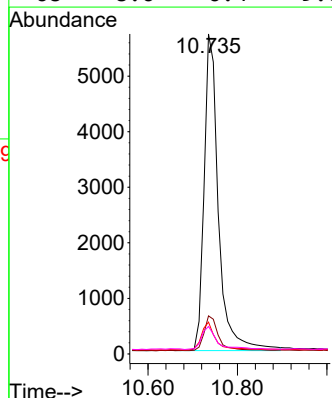
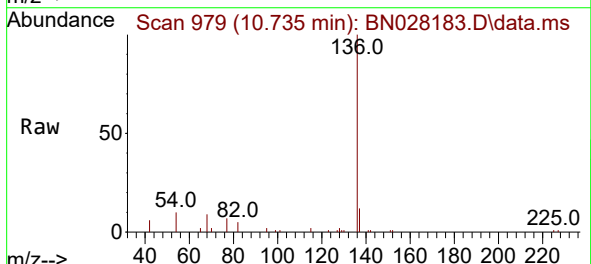
Instrument :
BNA_N
ClientSampleId :
FW9D

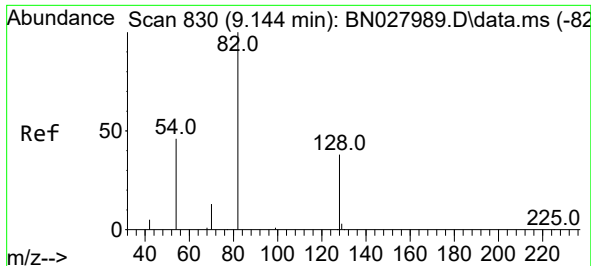
Tgt Ion: 99 Resp: 915
Ion Ratio Lower Upper
99 100
42 25.6 14.6 22.0#
71 42.5 28.3 42.5#



#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.735 min Scan# 979
Delta R.T. 0.000 min
Lab File: BN028183.D
Acq: 10 Oct 2023 05:38

Tgt Ion: 136 Resp: 12633
Ion Ratio Lower Upper
136 100
137 11.9 9.4 14.0
54 9.9 7.0 10.6
68 8.6 6.4 9.6

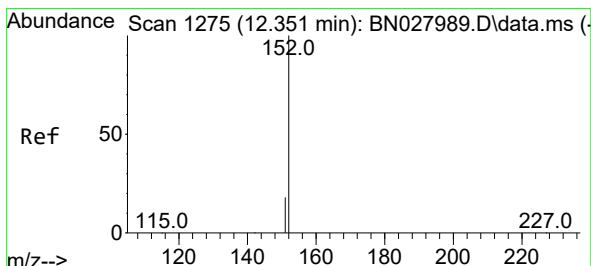
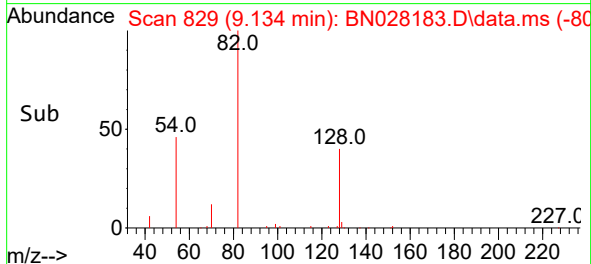
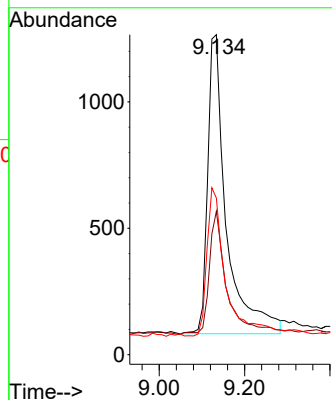
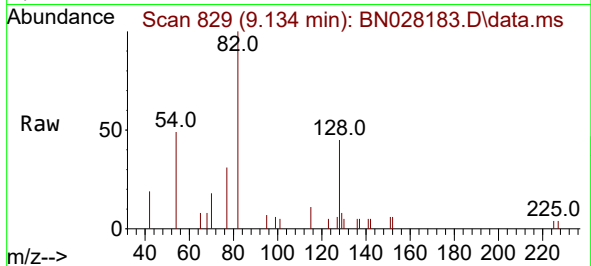




#8
Nitrobenzene-d5
Concen: 0.335 ng
RT: 9.134 min Scan# 81
Delta R.T. 0.011 min
Lab File: BN028183.D
Acq: 10 Oct 2023 05:38

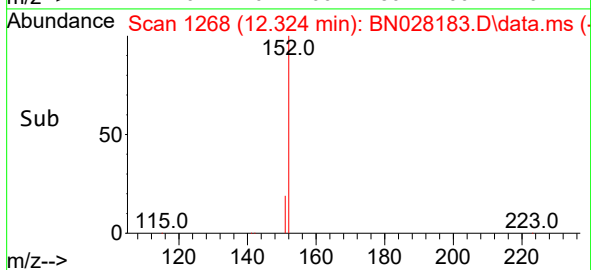
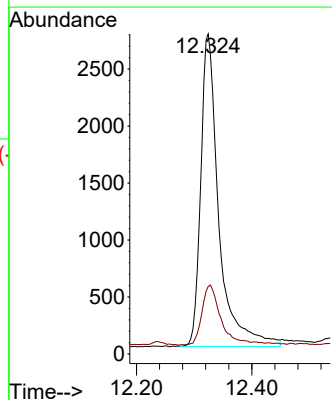
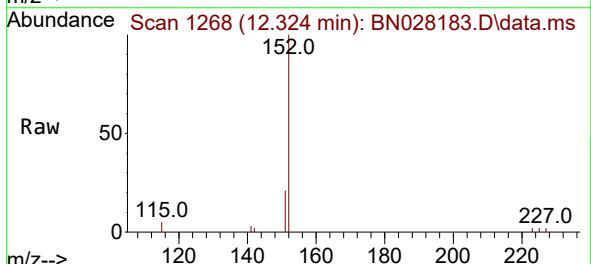
Instrument :
BNA_N
ClientSampleId :
FW9D

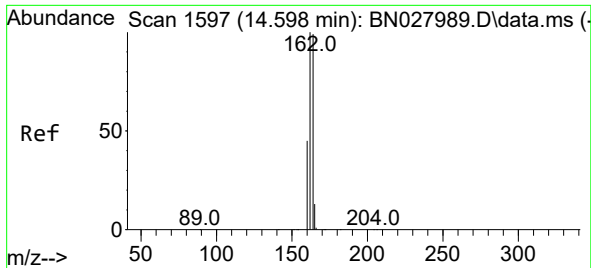
Tgt Ion: 82 Resp: 3605
Ion Ratio Lower Upper
82 100
128 44.8 32.7 49.1
54 49.0 38.7 58.1



#11
2-Methylnaphthalene-d10
Concen: 0.319 ng
RT: 12.324 min Scan# 1268
Delta R.T. 0.000 min
Lab File: BN028183.D
Acq: 10 Oct 2023 05:38

Tgt Ion: 152 Resp: 5970
Ion Ratio Lower Upper
152 100
151 19.7 16.5 24.7

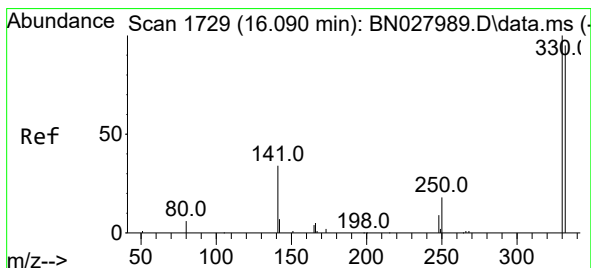
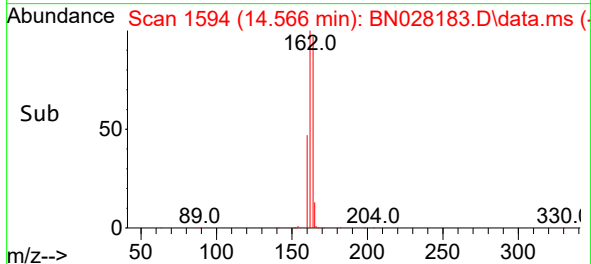
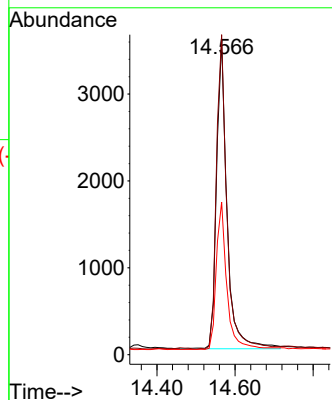
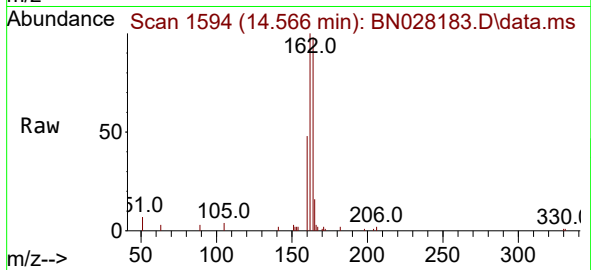




#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.566 min Scan# 1594
Delta R.T. 0.000 min
Lab File: BN028183.D
Acq: 10 Oct 2023 05:38

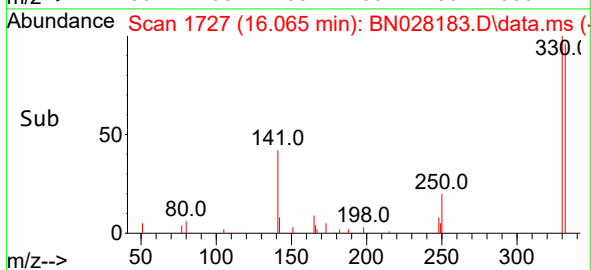
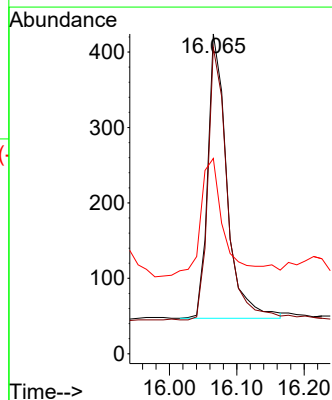
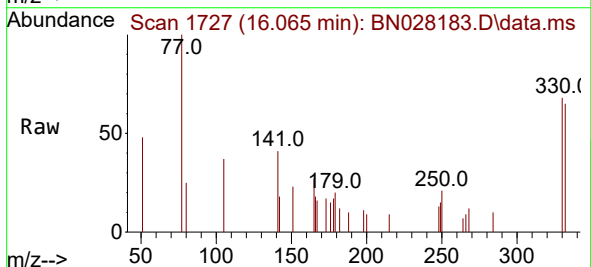
Instrument :
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ClientSampleId :
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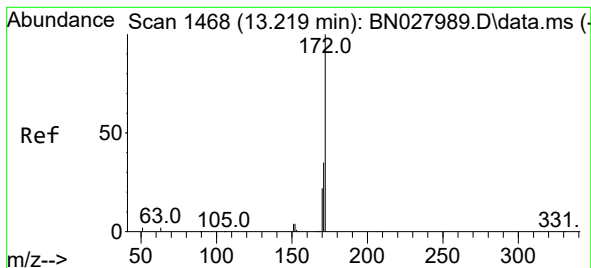
Tgt Ion:164 Resp: 6624
Ion Ratio Lower Upper
164 100
162 101.9 80.8 121.2
160 48.6 36.4 54.6



#14
2,4,6-Tribromophenol
Concen: 0.245 ng
RT: 16.065 min Scan# 1727
Delta R.T. -0.012 min
Lab File: BN028183.D
Acq: 10 Oct 2023 05:38

Tgt Ion:330 Resp: 743
Ion Ratio Lower Upper
330 100
332 96.8 78.1 117.1
141 48.7 33.4 50.2





#15

2-Fluorobiphenyl

Concen: 0.370 ng

RT: 13.187 min Scan# 1465

Delta R.T. 0.000 min

Lab File: BN028183.D

Acq: 10 Oct 2023 05:38

Instrument :

BNA_N

ClientSampleId :

FW9D

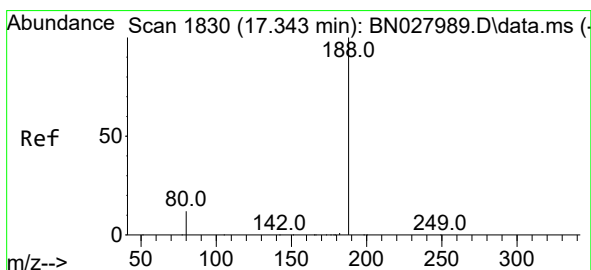
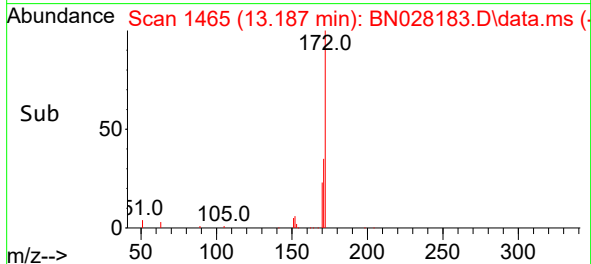
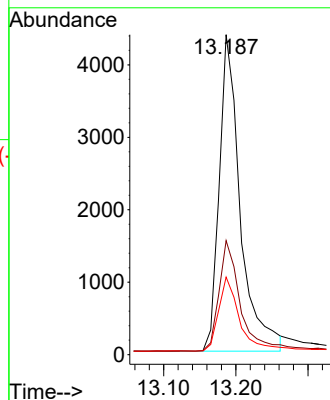
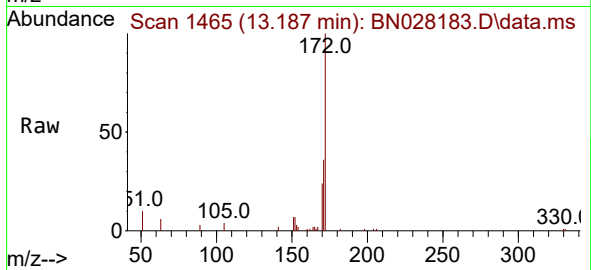
Tgt Ion:172 Resp: 8834

Ion Ratio Lower Upper

172 100

171 35.7 28.1 42.1

170 24.2 18.4 27.6



#19

Phenanthrene-d10

Concen: 0.400 ng

RT: 17.319 min Scan# 1828

Delta R.T. 0.000 min

Lab File: BN028183.D

Acq: 10 Oct 2023 05:38

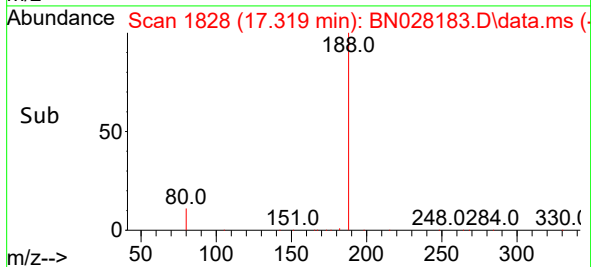
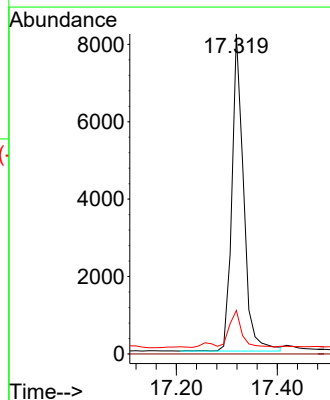
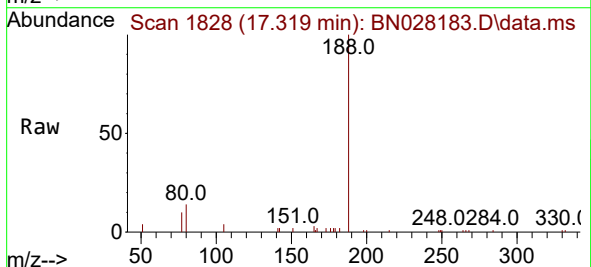
Tgt Ion:188 Resp: 13198

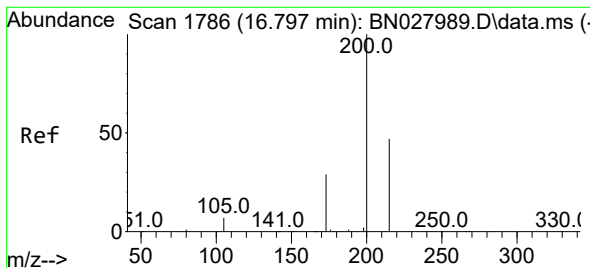
Ion Ratio Lower Upper

188 100

94 0.0 0.0 0.0

80 13.6 10.2 15.4

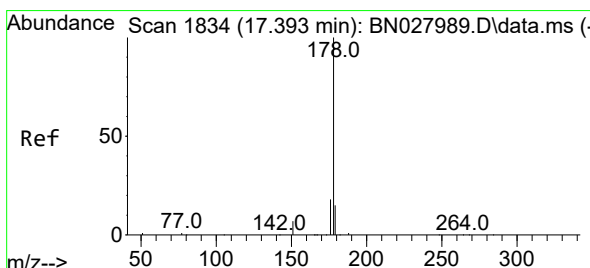
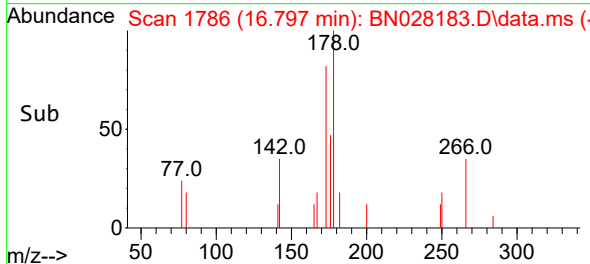
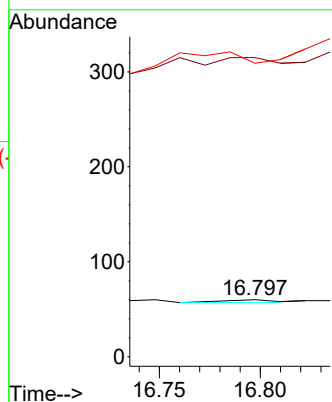
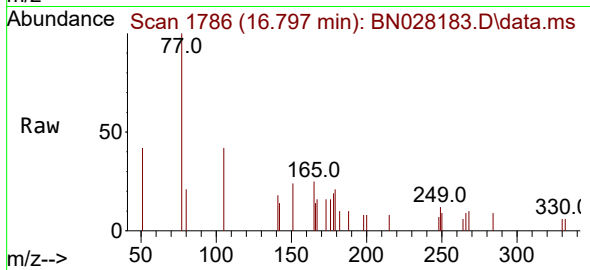




#20
4,6-Dinitro-2-methylphenol
Concen: 0.029 ng
RT: 16.797 min Scan# 1786
Delta R.T. 0.012 min
Lab File: BN028183.D
Acq: 10 Oct 2023 05:38

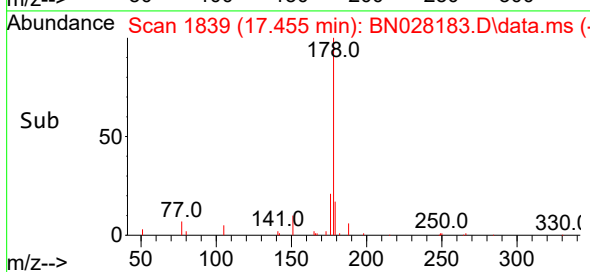
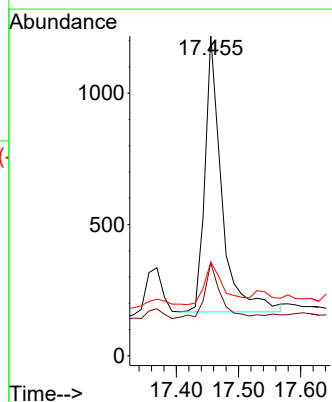
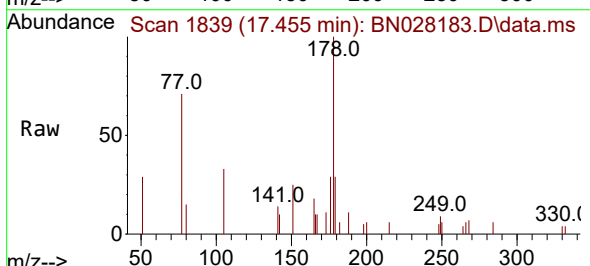
Instrument :
BNA_N
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FW9D

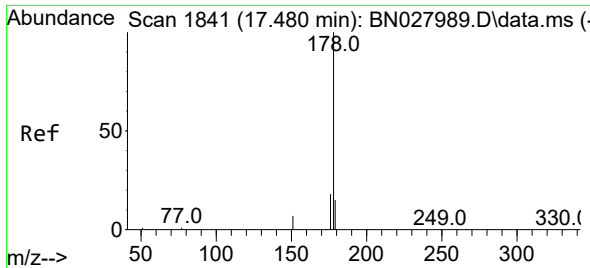
Tgt Ion:198 Resp: 5
Ion Ratio Lower Upper
198 100
51 525.0 180.7 271.1#
105 515.0 222.2 333.2#



#25
Phenanthrene
Concen: 0.055 ng
RT: 17.455 min Scan# 1839
Delta R.T. 0.087 min
Lab File: BN028183.D
Acq: 10 Oct 2023 05:38

Tgt Ion:178 Resp: 1974
Ion Ratio Lower Upper
178 100
176 17.9 15.3 22.9
179 17.8 12.4 18.6

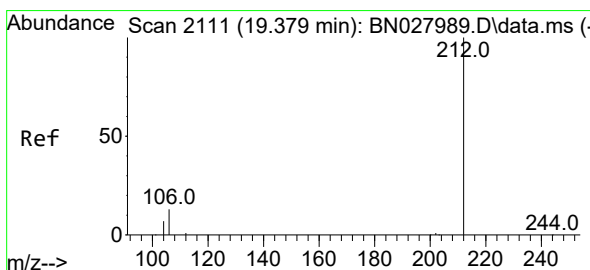
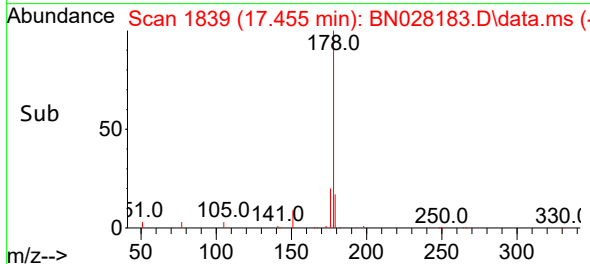
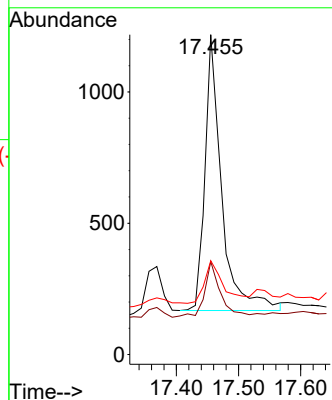
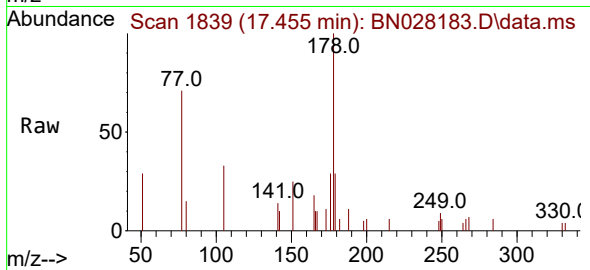




#26
 Anthracene
 Concen: 0.059 ng
 RT: 17.455 min Scan# 11
 Delta R.T. 0.000 min
 Lab File: BN028183.D
 Acq: 10 Oct 2023 05:38

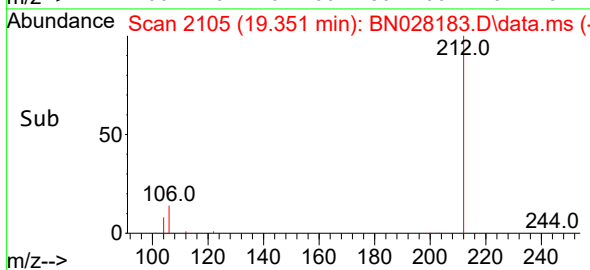
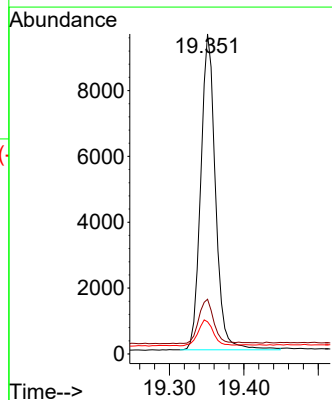
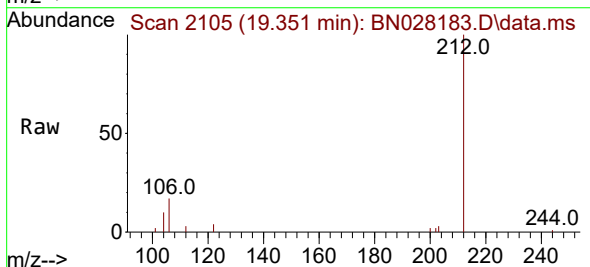
Instrument :
 BNA_N
 ClientSampleId :
 FW9D

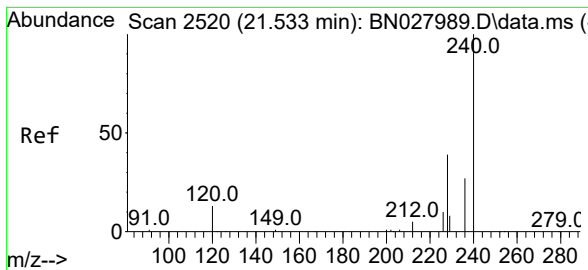
Tgt Ion:178 Resp: 1969
 Ion Ratio Lower Upper
 178 100
 176 19.3 14.7 22.1
 179 17.9 12.2 18.2



#27
 Fluoranthene-d10
 Concen: 0.399 ng
 RT: 19.351 min Scan# 2105
 Delta R.T. -0.005 min
 Lab File: BN028183.D
 Acq: 10 Oct 2023 05:38

Tgt Ion:212 Resp: 13216
 Ion Ratio Lower Upper
 212 100
 106 14.7 11.3 16.9
 104 8.5 6.4 9.6





#29

Chrysene-d12

Concen: 0.400 ng

RT: 21.515 min Scan# 21

Delta R.T. 0.000 min

Lab File: BN028183.D

Acq: 10 Oct 2023 05:38

Instrument :

BNA_N

ClientSampleId :

FW9D

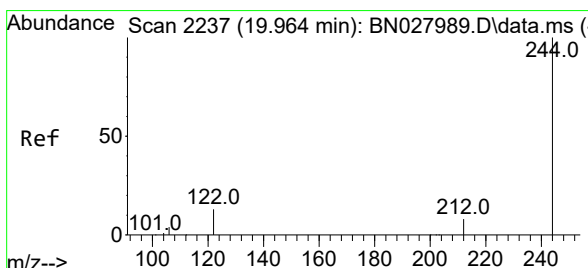
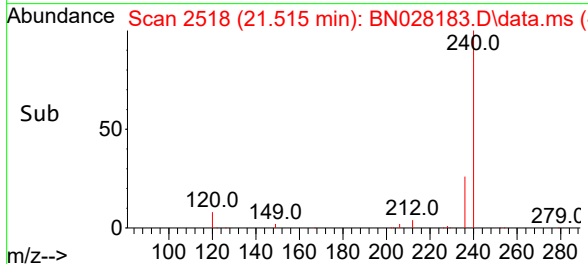
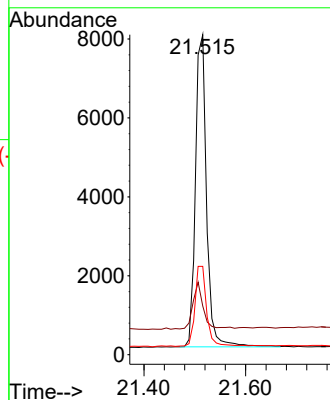
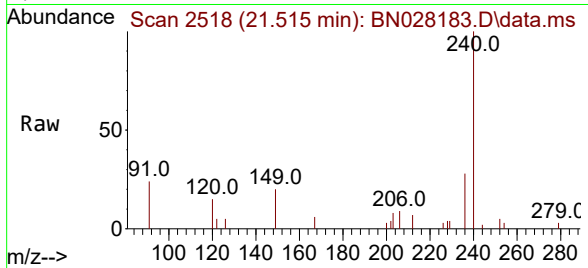
Tgt Ion:240 Resp: 11997

Ion Ratio Lower Upper

240 100

120 15.2 13.8 20.6

236 27.6 22.6 33.8



#31

Terphenyl-d14

Concen: 0.464 ng

RT: 19.941 min Scan# 2232

Delta R.T. 0.000 min

Lab File: BN028183.D

Acq: 10 Oct 2023 05:38

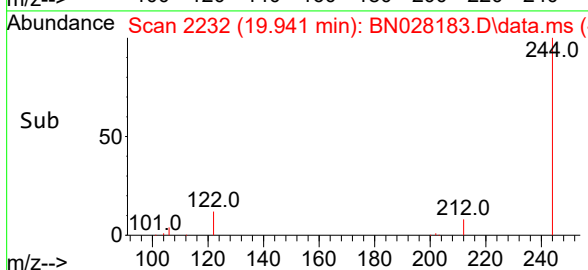
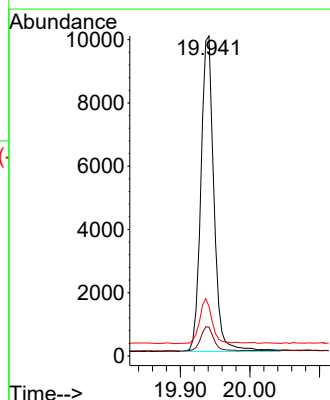
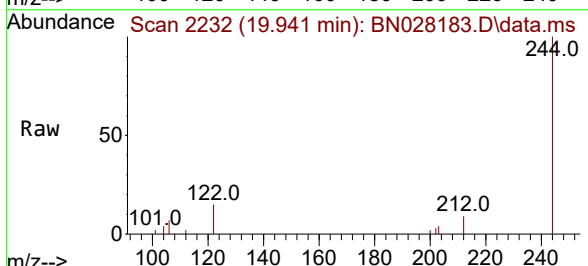
Tgt Ion:244 Resp: 12994

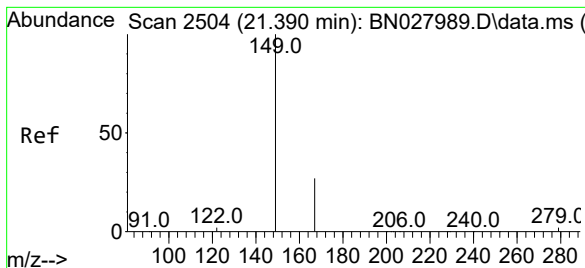
Ion Ratio Lower Upper

244 100

212 9.0 6.6 9.8

122 15.5 11.4 17.0





#34

Bis(2-ethylhexyl)phthalate

Concen: 0.140 ng

RT: 21.363 min Scan# 21

Delta R.T. 0.000 min

Lab File: BN028183.D

Acq: 10 Oct 2023 05:38

Instrument :

BNA_N

ClientSampleId :

FW9D

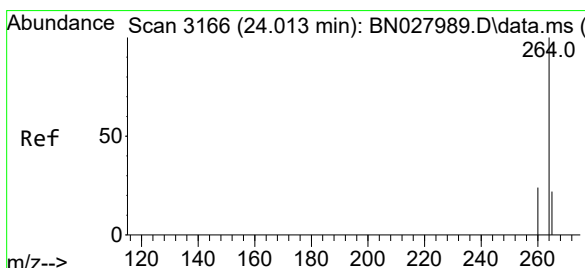
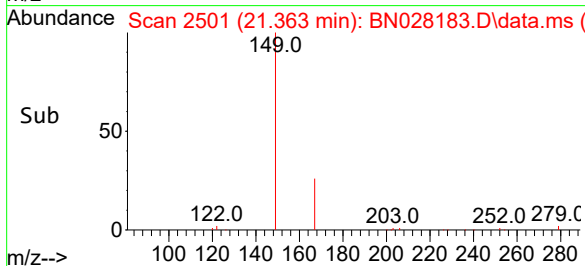
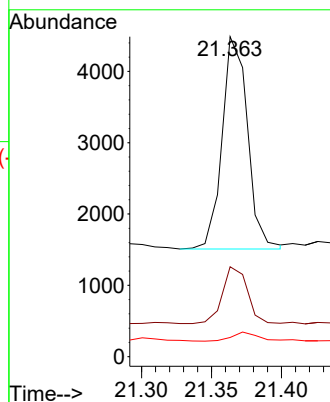
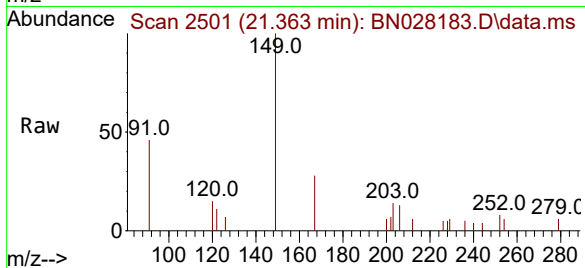
Tgt Ion:149 Resp: 3760

Ion Ratio Lower Upper

149 100

167 27.4 22.1 33.1

279 4.8 3.4 5.0



#35

Perylene-d12

Concen: 0.400 ng

RT: 23.972 min Scan# 3152

Delta R.T. -0.003 min

Lab File: BN028183.D

Acq: 10 Oct 2023 05:38

Tgt Ion:264 Resp: 12884

Ion Ratio Lower Upper

264 100

260 25.8 20.2 30.4

265 71.3 54.8 82.2

