

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN100923\
 Data File : BN028178.D
 Acq On : 10 Oct 2023 02:38
 Operator : MA/JU
 Sample : PB155926BL
 Misc :
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 PB155926BL

Quant Time: Oct 10 03:05:55 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	7.929	152	3547	0.400	ng	0.00
7) Naphthalene-d8	10.746	136	9795	0.400	ng	0.01
13) Acenaphthene-d10	14.587	164	4807	0.400	ng	0.02
19) Phenanthrene-d10	17.343	188	9225	0.400	ng	0.02
29) Chrysene-d12	21.524	240	8114	0.400	ng	0.00
35) Perylene-d12	23.981	264	8424	0.400	ng	# 0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.466	112	3663	0.346	ng	0.00
5) Phenol-d6	7.105	99	3504	0.262	ng	0.01
8) Nitrobenzene-d5	9.144	82	3069	0.368	ng	0.02
11) 2-Methylnaphthalene-d10	12.351	152	5618	0.387	ng	0.03
14) 2,4,6-Tribromophenol	16.102	330	378	0.172	ng	0.02
15) 2-Fluorobiphenyl	13.219	172	7103	0.410	ng	0.03
27) Fluoranthene-d10	19.365	212	9920	0.428	ng	0.00
31) Terphenyl-d14	19.946	244	8701	0.460	ng	0.00

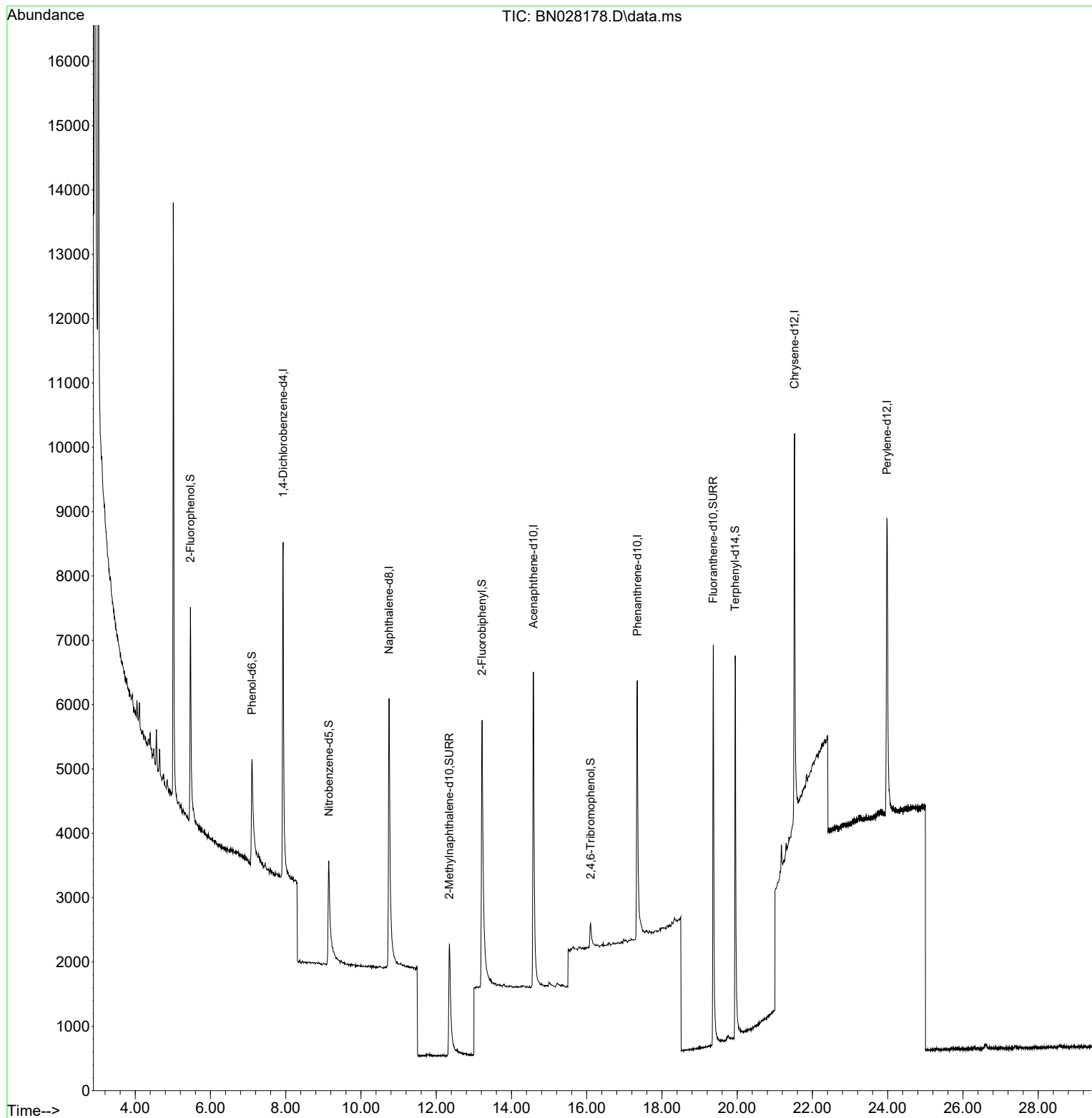
Target Compounds	Qvalue

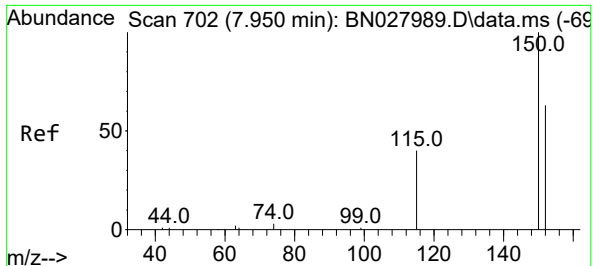
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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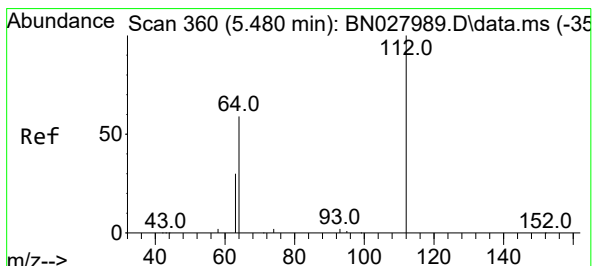
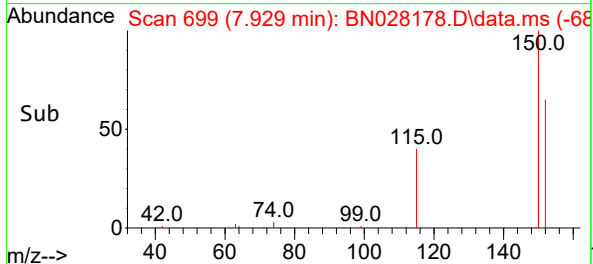
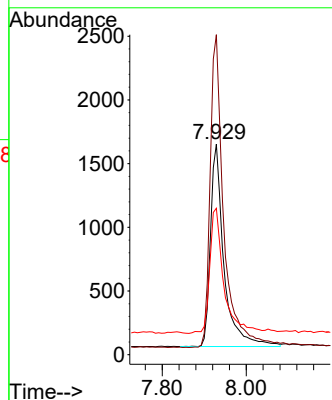
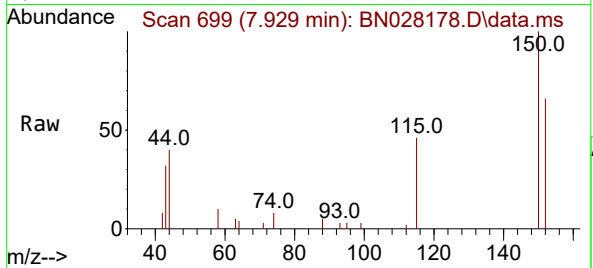




#1
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.929 min Scan# 61
Delta R.T. 0.007 min
Lab File: BN028178.D
Acq: 10 Oct 2023 02:38

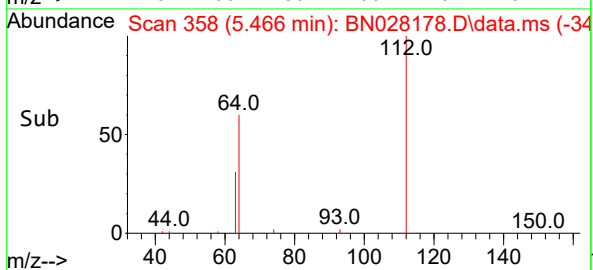
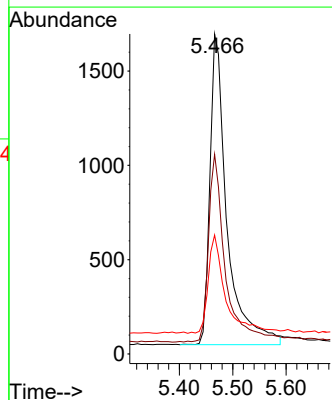
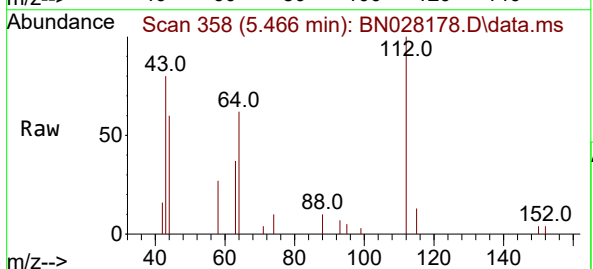
Instrument :
BNA_N
ClientSampleId :
PB155926BL

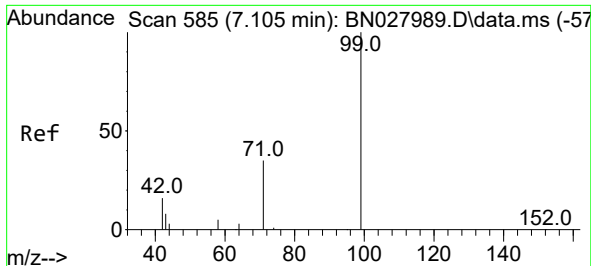
Tgt Ion:152 Resp: 3547
Ion Ratio Lower Upper
152 100
150 152.0 125.6 188.4
115 69.5 54.8 82.2



#4
2-Fluorophenol
Concen: 0.346 ng
RT: 5.466 min Scan# 358
Delta R.T. -0.000 min
Lab File: BN028178.D
Acq: 10 Oct 2023 02:38

Tgt Ion:112 Resp: 3663
Ion Ratio Lower Upper
112 100
64 59.5 45.0 67.6
63 32.1 23.4 35.0

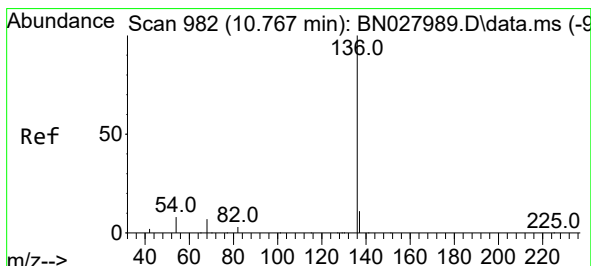
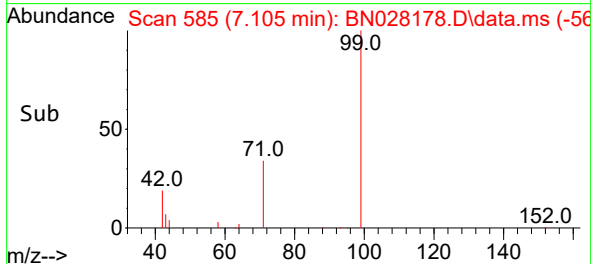
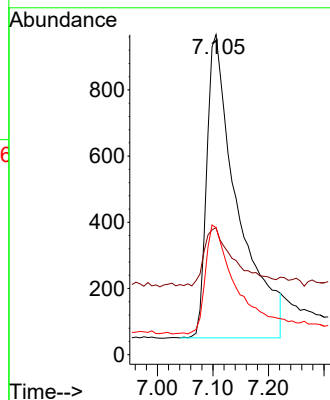
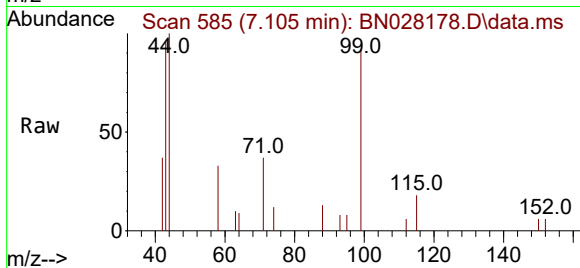




#5
Phenol-d6
Concen: 0.262 ng
RT: 7.105 min Scan# 51
Delta R.T. 0.014 min
Lab File: BN028178.D
Acq: 10 Oct 2023 02:38

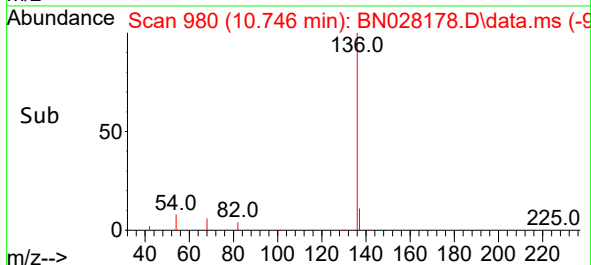
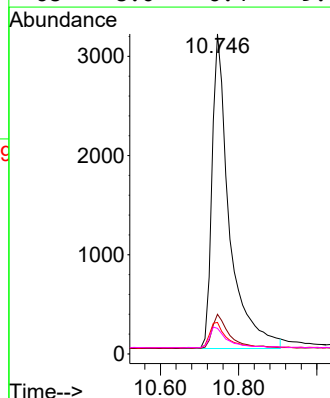
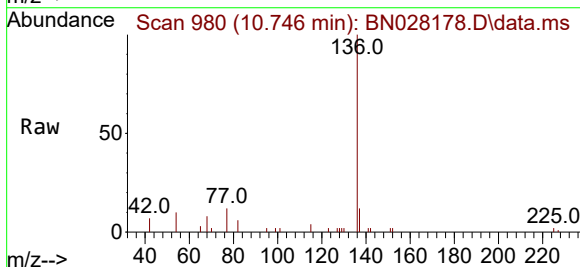
Instrument :
BNA_N
ClientSampleId :
PB155926BL

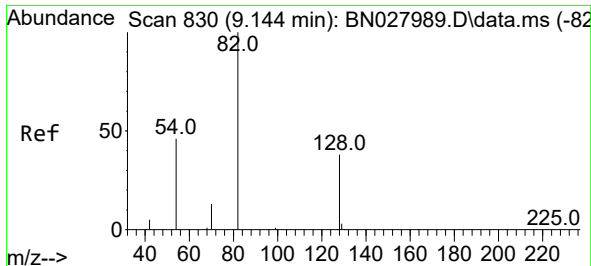
Tgt Ion: 99 Resp: 3504
Ion Ratio Lower Upper
99 100
42 18.7 14.6 22.0
71 36.2 28.3 42.5



#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.746 min Scan# 980
Delta R.T. 0.011 min
Lab File: BN028178.D
Acq: 10 Oct 2023 02:38

Tgt Ion: 136 Resp: 9795
Ion Ratio Lower Upper
136 100
137 12.4 9.4 14.0
54 9.8 7.0 10.6
68 8.0 6.4 9.6

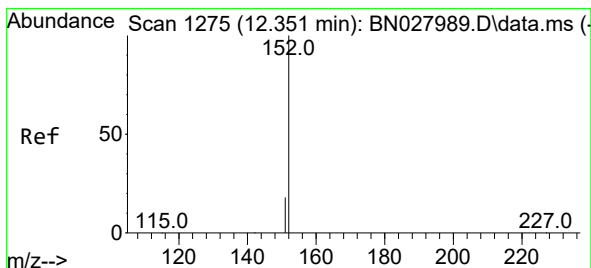
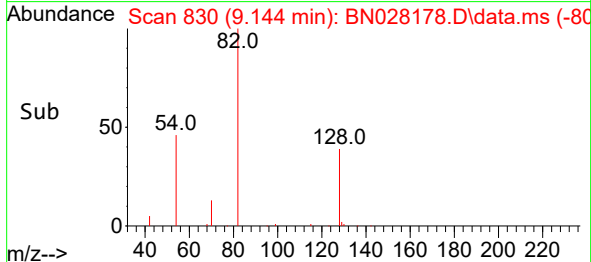
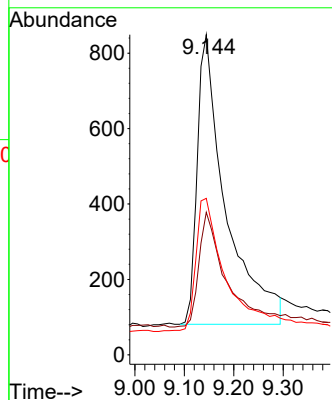
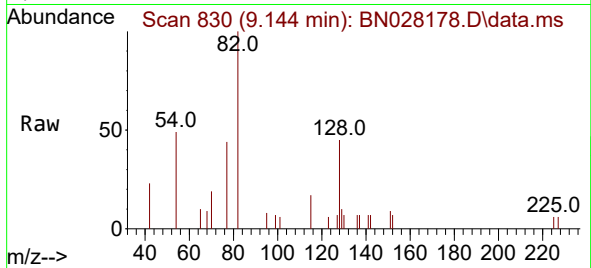




#8
Nitrobenzene-d5
Concen: 0.368 ng
RT: 9.144 min Scan# 81
Delta R.T. 0.021 min
Lab File: BN028178.D
Acq: 10 Oct 2023 02:38

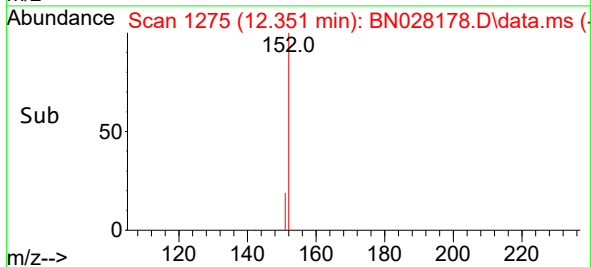
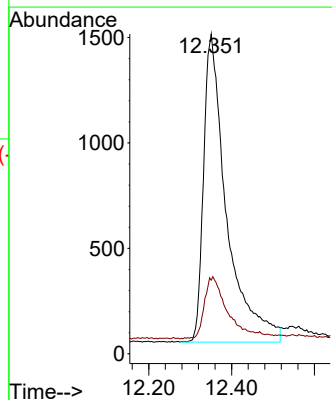
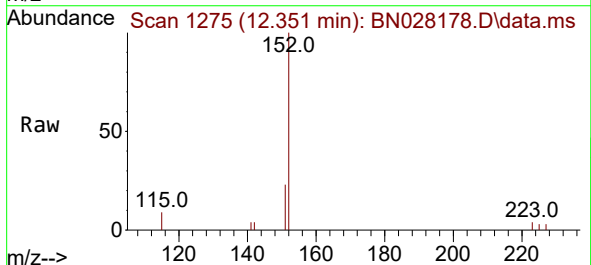
Instrument :
BNA_N
ClientSampleId :
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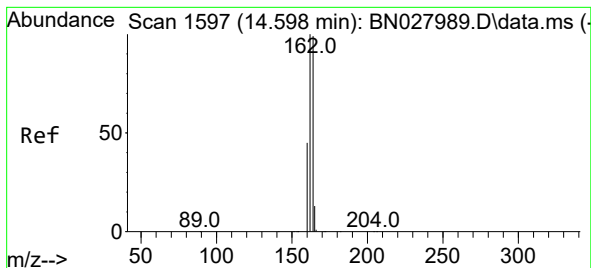
Tgt Ion: 82 Resp: 3069
Ion Ratio Lower Upper
82 100
128 44.5 32.7 49.1
54 48.9 38.7 58.1



#11
2-Methylnaphthalene-d10
Concen: 0.387 ng
RT: 12.351 min Scan# 1275
Delta R.T. 0.026 min
Lab File: BN028178.D
Acq: 10 Oct 2023 02:38

Tgt Ion: 152 Resp: 5618
Ion Ratio Lower Upper
152 100
151 19.8 16.5 24.7





#13

Acenaphthene-d10

Concen: 0.400 ng

RT: 14.587 min Scan# 1

Delta R.T. 0.021 min

Lab File: BN028178.D

Acq: 10 Oct 2023 02:38

Instrument :

BNA_N

ClientSampleId :

PB155926BL

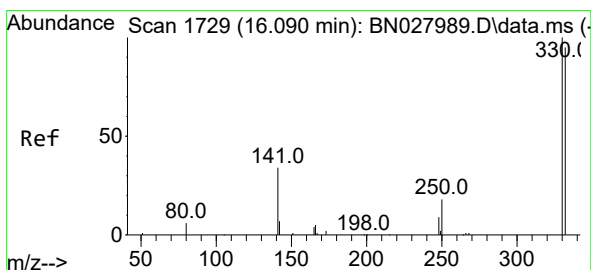
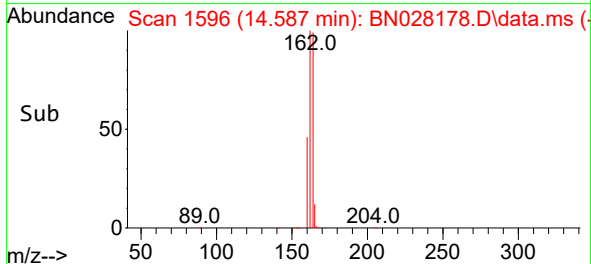
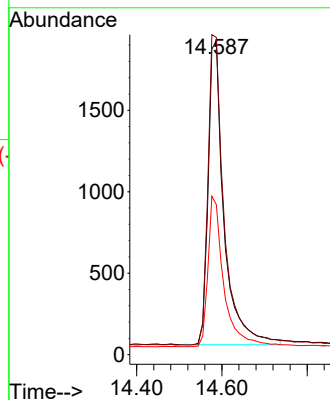
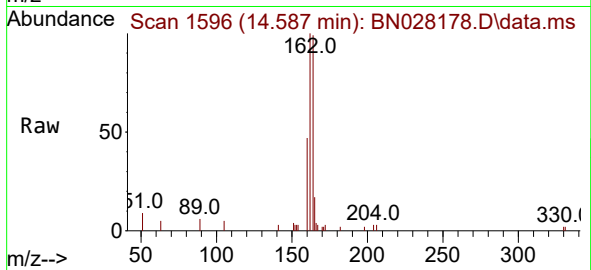
Tgt Ion:164 Resp: 4807

Ion Ratio Lower Upper

164 100

162 101.0 80.8 121.2

160 47.8 36.4 54.6



#14

2,4,6-Tribromophenol

Concen: 0.172 ng

RT: 16.102 min Scan# 1730

Delta R.T. 0.025 min

Lab File: BN028178.D

Acq: 10 Oct 2023 02:38

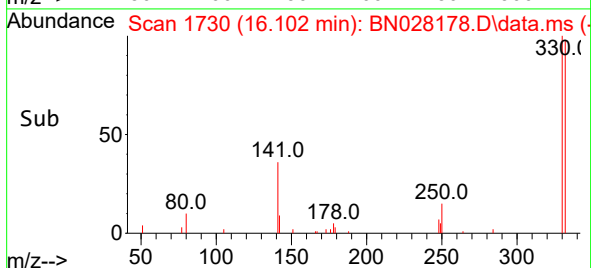
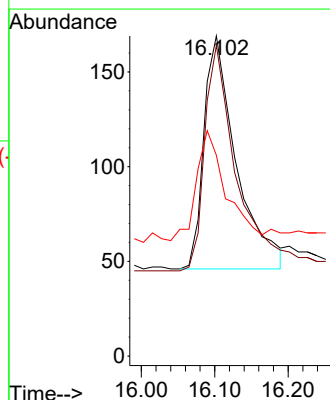
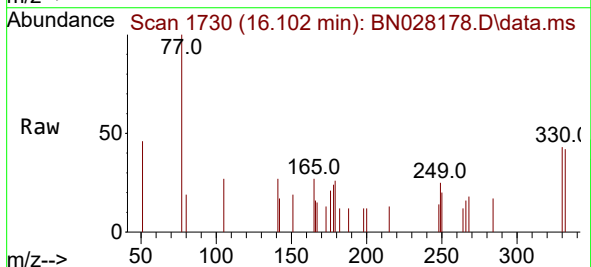
Tgt Ion:330 Resp: 378

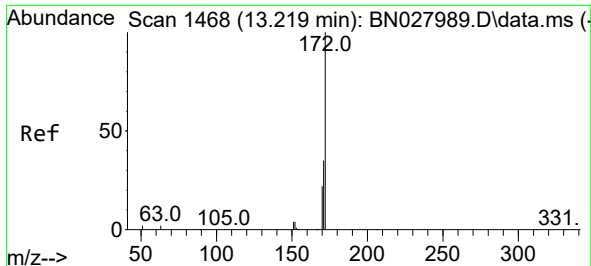
Ion Ratio Lower Upper

330 100

332 95.8 78.1 117.1

141 42.9 33.4 50.2

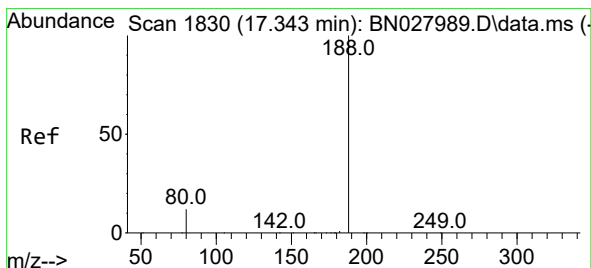
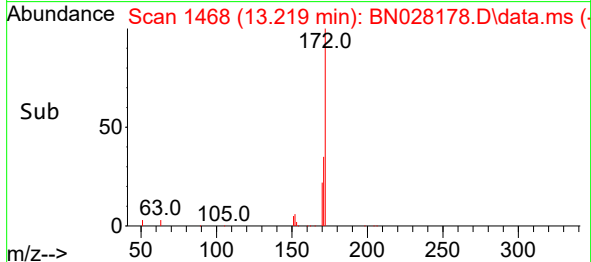
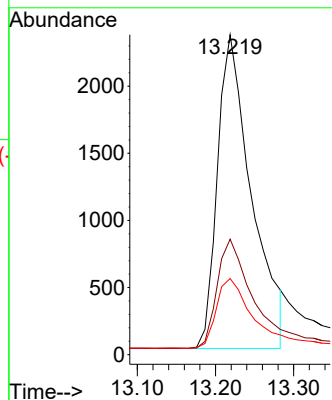
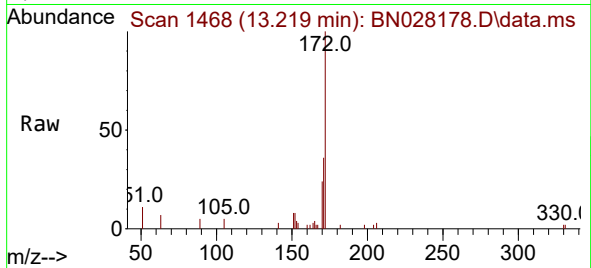




#15
2-Fluorobiphenyl
Concen: 0.410 ng
RT: 13.219 min Scan# 1468
Delta R.T. 0.032 min
Lab File: BN028178.D
Acq: 10 Oct 2023 02:38

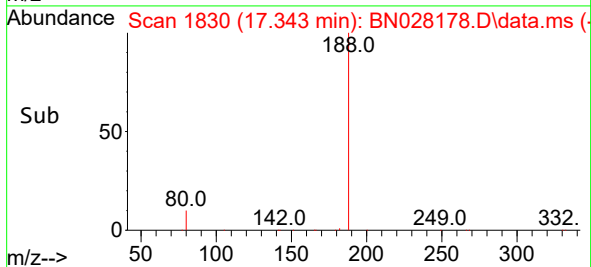
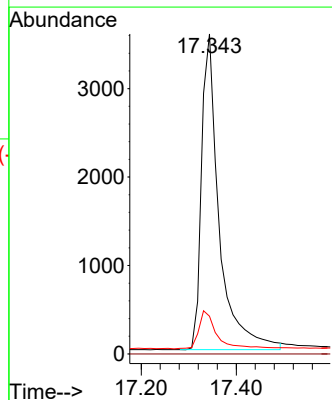
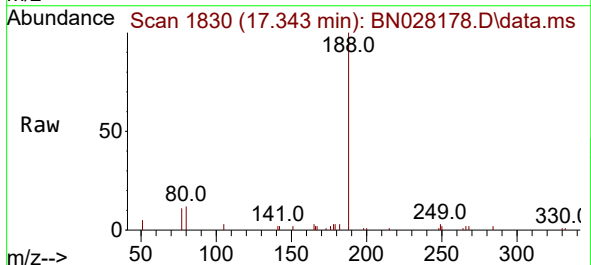
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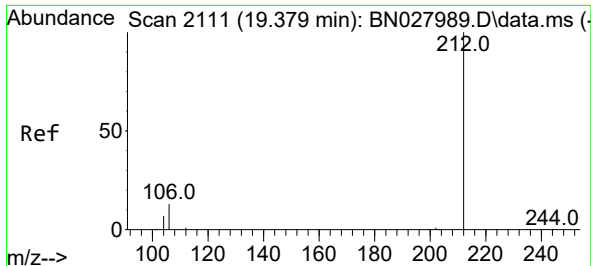
Tgt Ion:172 Resp: 7103
Ion Ratio Lower Upper
172 100
171 36.1 28.1 42.1
170 23.8 18.4 27.6



#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.343 min Scan# 1830
Delta R.T. 0.025 min
Lab File: BN028178.D
Acq: 10 Oct 2023 02:38

Tgt Ion:188 Resp: 9225
Ion Ratio Lower Upper
188 100
94 0.0 0.0 0.0
80 11.8 10.2 15.4

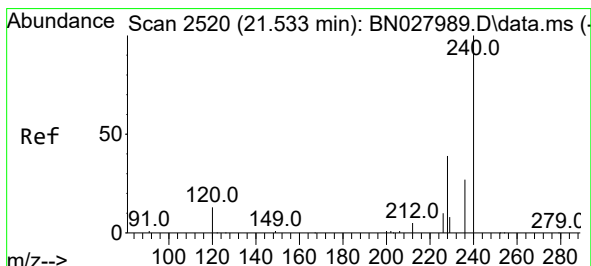
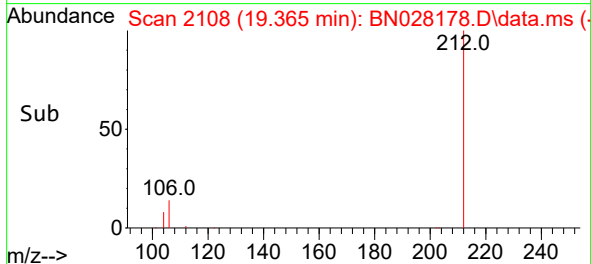
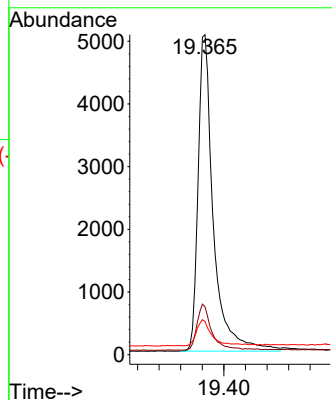
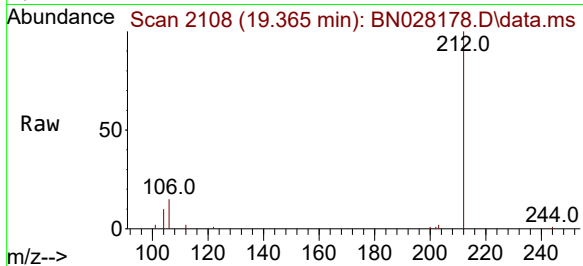




#27
Fluoranthene-d10
Concen: 0.428 ng
RT: 19.365 min Scan# 2111
Delta R.T. 0.009 min
Lab File: BN028178.D
Acq: 10 Oct 2023 02:38

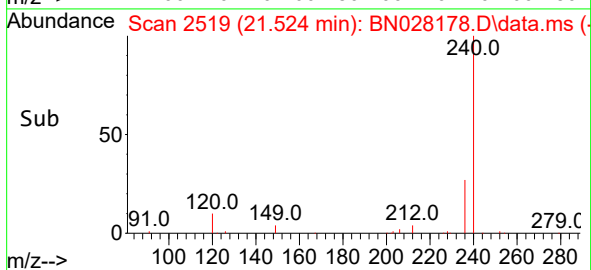
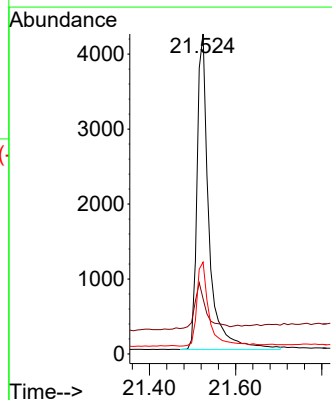
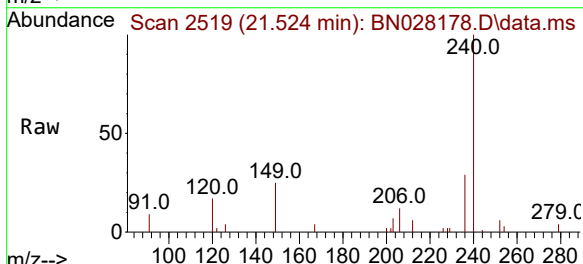
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ClientSampleId :
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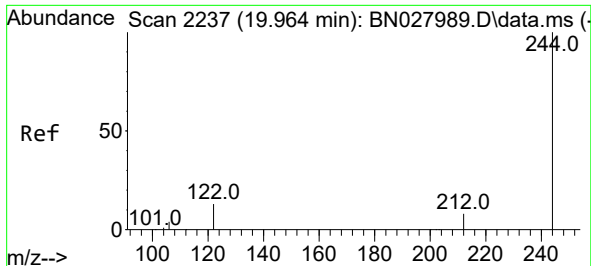
Tgt Ion:212 Resp: 9920
Ion Ratio Lower Upper
212 100
106 13.7 11.3 16.9
104 8.2 6.4 9.6



#29
Chrysene-d12
Concen: 0.400 ng
RT: 21.524 min Scan# 2519
Delta R.T. 0.009 min
Lab File: BN028178.D
Acq: 10 Oct 2023 02:38

Tgt Ion:240 Resp: 8114
Ion Ratio Lower Upper
240 100
120 17.3 13.8 20.6
236 28.7 22.6 33.8

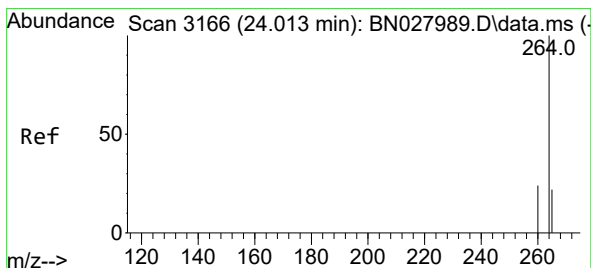
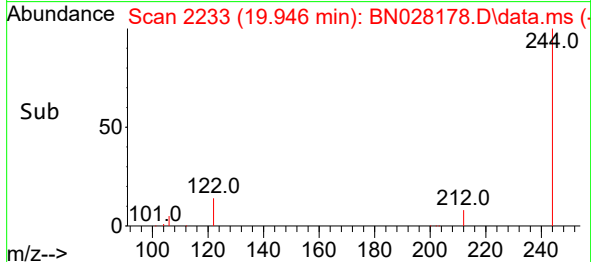
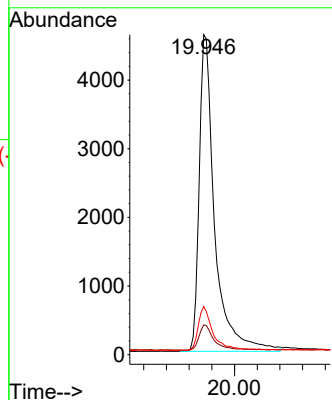
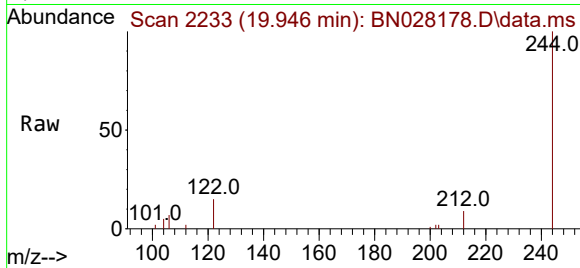




#31
 Terphenyl-d14
 Concen: 0.460 ng
 RT: 19.946 min Scan# 21
 Delta R.T. 0.005 min
 Lab File: BN028178.D
 Acq: 10 Oct 2023 02:38

Instrument :
 BNA_N
 ClientSampleId :
 PB155926BL

Tgt Ion:244 Resp: 8701
 Ion Ratio Lower Upper
 244 100
 212 9.3 6.6 9.8
 122 15.1 11.4 17.0



#35
 Perylene-d12
 Concen: 0.400 ng
 RT: 23.981 min Scan# 3155
 Delta R.T. 0.006 min
 Lab File: BN028178.D
 Acq: 10 Oct 2023 02:38

Tgt Ion:264 Resp: 8424
 Ion Ratio Lower Upper
 264 100
 260 25.8 20.2 30.4
 265 99.6 54.8 82.2#

