

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN101323\
 Data File : BN028274.D
 Acq On : 13 Oct 2023 10:28
 Operator : MA/JU
 Sample : PB156212BL
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 PB156212BL

Quant Time: Oct 13 13:11:47 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	7.893	152	2931	0.400	ng	0.00
7) Naphthalene-d8	10.724	136	9403	0.400	ng	# 0.01
13) Acenaphthene-d10	14.544	164	5298	0.400	ng	0.00
19) Phenanthrene-d10	17.306	188	12533	0.400	ng	# 0.00
29) Chrysene-d12	21.497	240	10334	0.400	ng	0.00
35) Perylene-d12	23.958	264	2935	0.400	ng	# 0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.430	112	3822	0.420	ng	0.00
5) Phenol-d6	7.076	99	3862	0.345	ng	0.02
8) Nitrobenzene-d5	9.123	82	2990	0.358	ng	0.02
11) 2-Methylnaphthalene-d10	12.313	152	5750	0.407	ng	0.01
14) 2,4,6-Tribromophenol	16.065	330	986	0.382	ng	0.01
15) 2-Fluorobiphenyl	13.176	172	7743	0.415	ng	0.01
27) Fluoranthene-d10	19.337	212	12900	0.385	ng	0.00
31) Terphenyl-d14	19.922	244	11426	0.521	ng	0.00

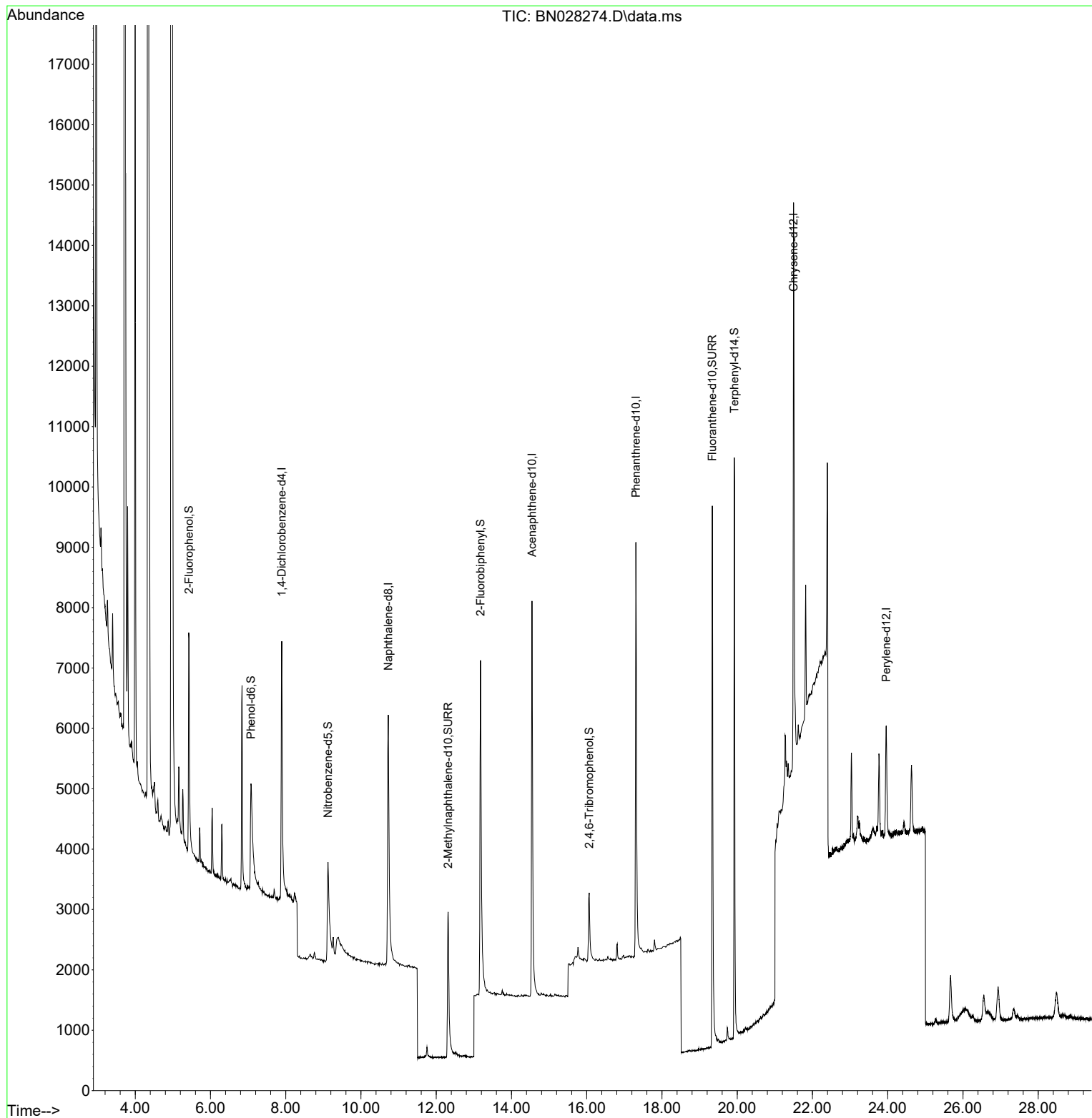
Target Compounds Qvalue

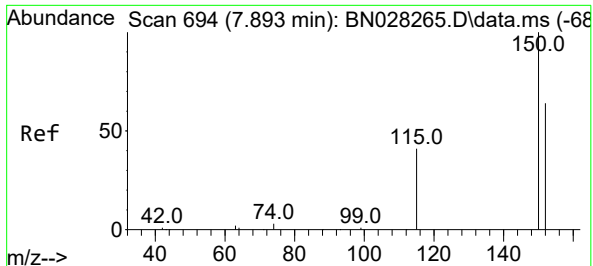
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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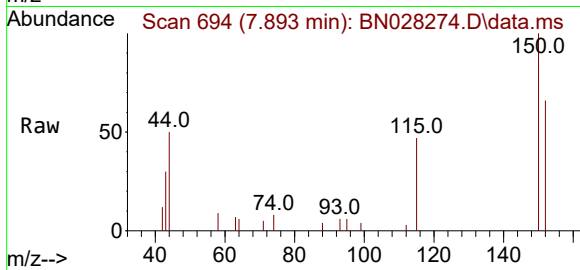
Quant Time: Oct 13 13:11:47 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN101223.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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Response via : Initial Calibration



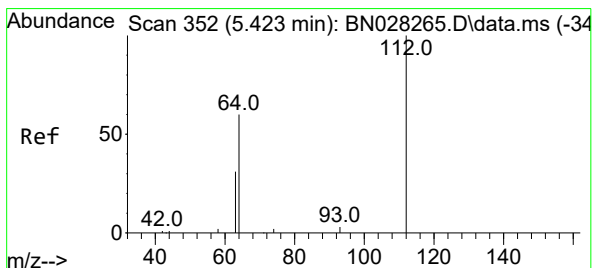
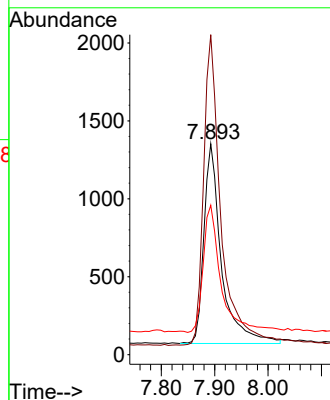
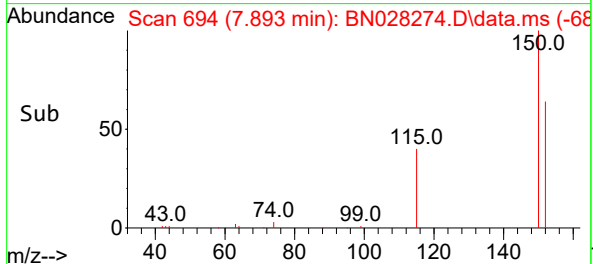


#1
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.893 min Scan# 694
Delta R.T. -0.000 min
Lab File: BN028274.D
Acq: 13 Oct 2023 10:28

Instrument :
BNA_N
ClientSampleId :
PB156212BL

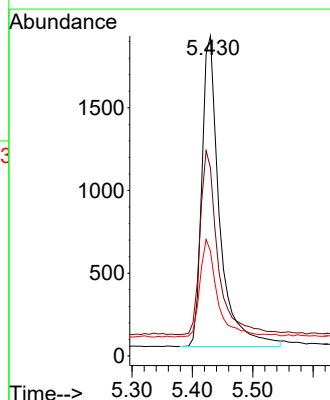
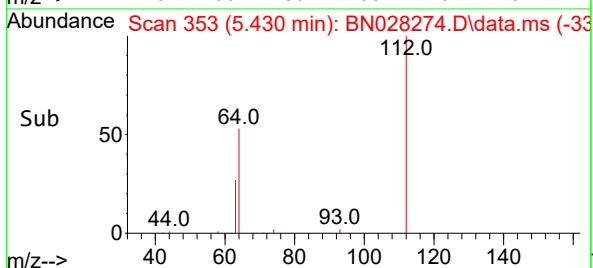
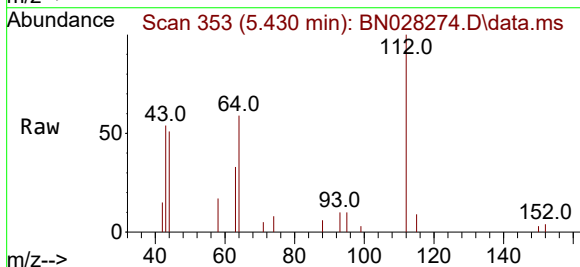


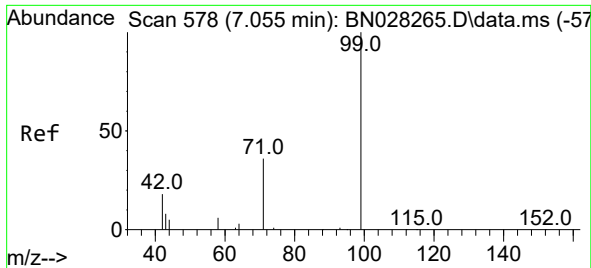
Tgt Ion:152 Resp: 2931
Ion Ratio Lower Upper
152 100
150 151.7 121.6 182.4
115 70.9 54.3 81.5



#4
2-Fluorophenol
Concen: 0.420 ng
RT: 5.430 min Scan# 353
Delta R.T. 0.007 min
Lab File: BN028274.D
Acq: 13 Oct 2023 10:28

Tgt Ion:112 Resp: 3822
Ion Ratio Lower Upper
112 100
64 59.2 46.9 70.3
63 31.5 25.0 37.4

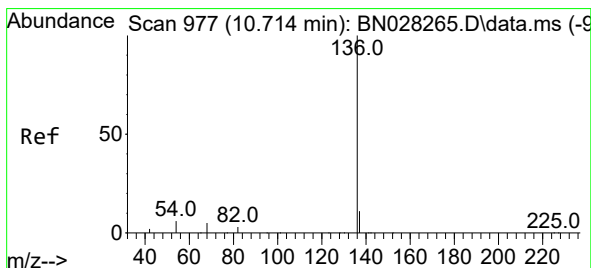
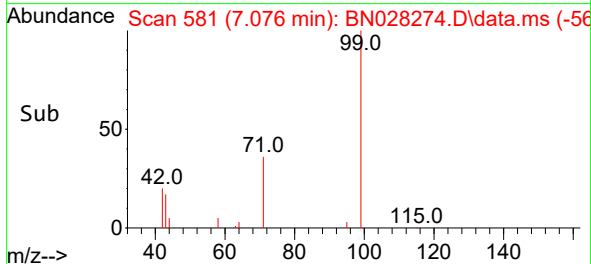
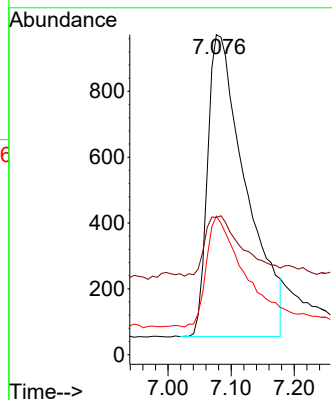
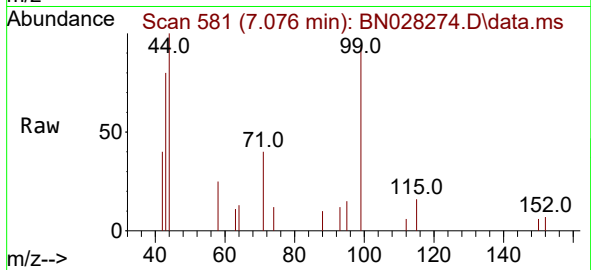




#5
Phenol-d6
Concen: 0.345 ng
RT: 7.076 min Scan# 581
Delta R.T. 0.021 min
Lab File: BN028274.D
Acq: 13 Oct 2023 10:28

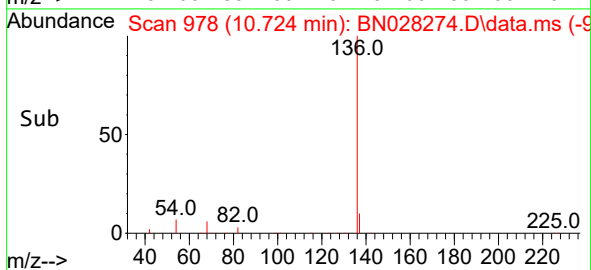
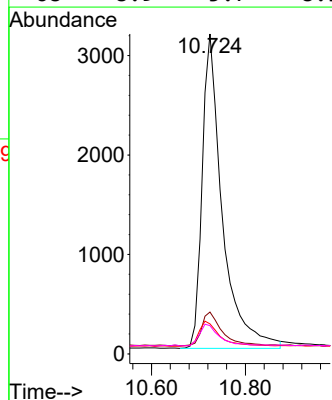
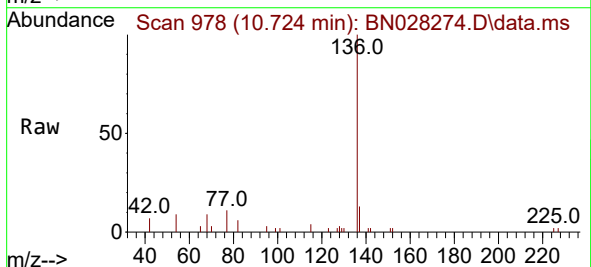
Instrument :
BNA_N
ClientSampleId :
PB156212BL

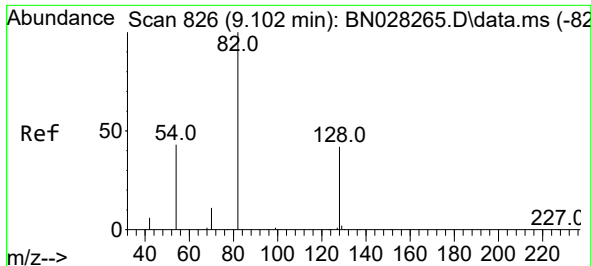
Tgt Ion: 99 Resp: 3862
Ion Ratio Lower Upper
99 100
42 19.7 15.9 23.9
71 36.3 28.6 42.8



#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.724 min Scan# 978
Delta R.T. 0.010 min
Lab File: BN028274.D
Acq: 13 Oct 2023 10:28

Tgt Ion: 136 Resp: 9403
Ion Ratio Lower Upper
136 100
137 13.1 9.8 14.8
54 9.4 6.2 9.4#
68 8.9 5.7 8.5#

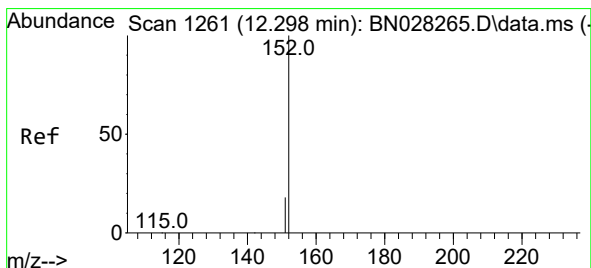
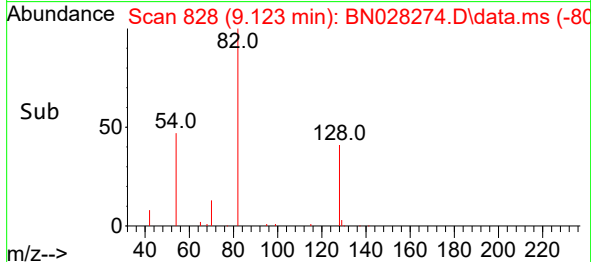
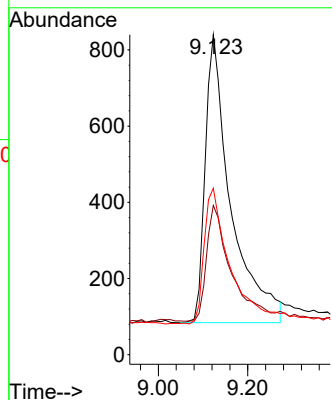
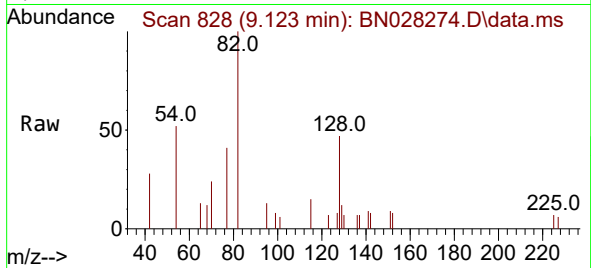




#8
Nitrobenzene-d5
Concen: 0.358 ng
RT: 9.123 min Scan# 81
Delta R.T. 0.021 min
Lab File: BN028274.D
Acq: 13 Oct 2023 10:28

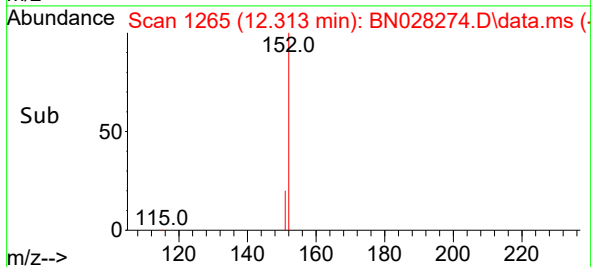
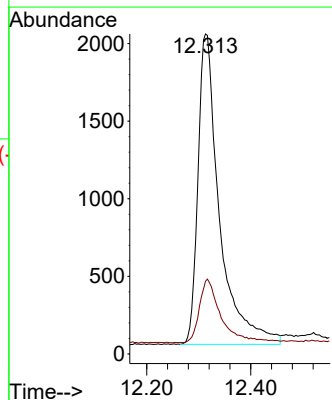
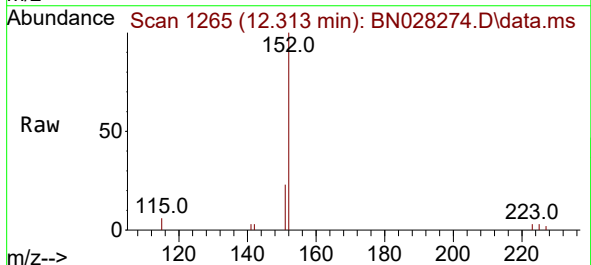
Instrument :
BNA_N
ClientSampleId :
PB156212BL

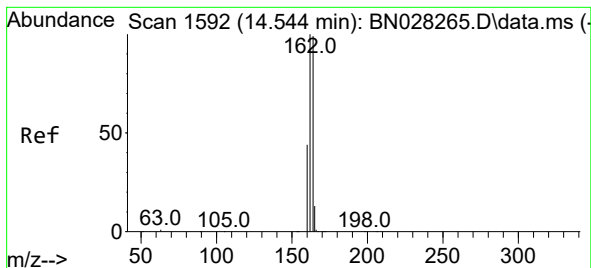
Tgt Ion: 82 Resp: 2990
Ion Ratio Lower Upper
82 100
128 46.7 36.8 55.2
54 52.0 37.4 56.2



#11
2-Methylnaphthalene-d10
Concen: 0.407 ng
RT: 12.313 min Scan# 1265
Delta R.T. 0.015 min
Lab File: BN028274.D
Acq: 13 Oct 2023 10:28

Tgt Ion: 152 Resp: 5750
Ion Ratio Lower Upper
152 100
151 20.6 16.1 24.1





#13

Acenaphthene-d10

Concen: 0.400 ng

RT: 14.544 min Scan# 1

Delta R.T. -0.000 min

Lab File: BN028274.D

Acq: 13 Oct 2023 10:28

Instrument :

BNA_N

ClientSampleId :

PB156212BL

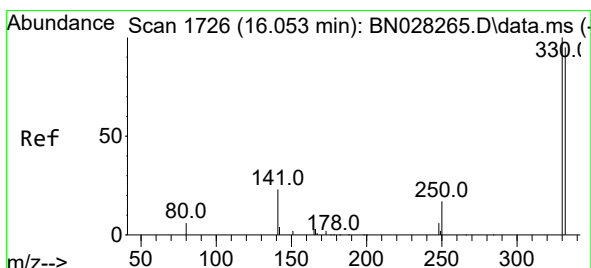
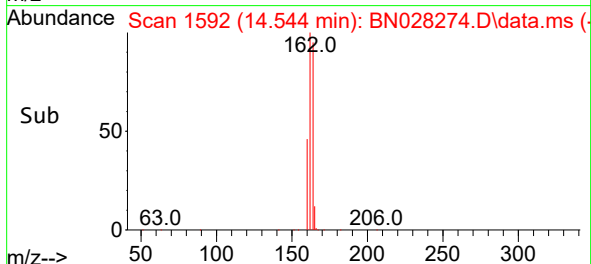
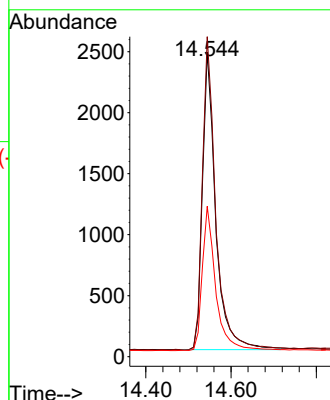
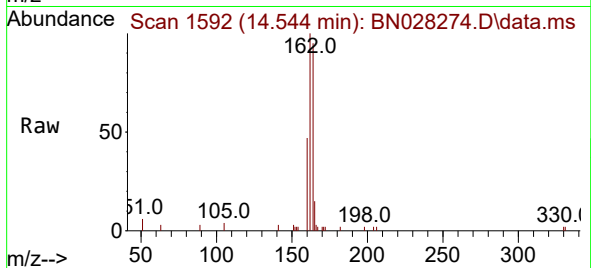
Tgt Ion:164 Resp: 5298

Ion Ratio Lower Upper

164 100

162 105.1 81.1 121.7

160 49.4 36.6 54.8



#14

2,4,6-Tribromophenol

Concen: 0.382 ng

RT: 16.065 min Scan# 1727

Delta R.T. 0.012 min

Lab File: BN028274.D

Acq: 13 Oct 2023 10:28

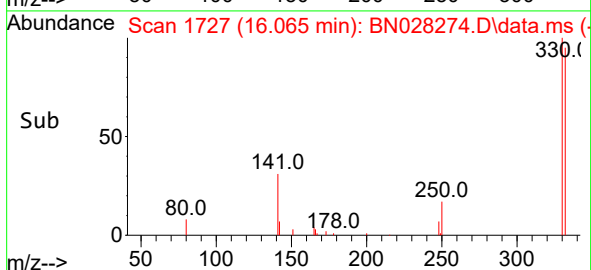
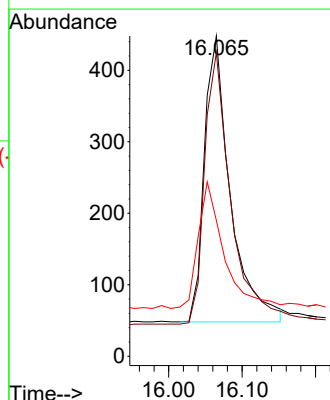
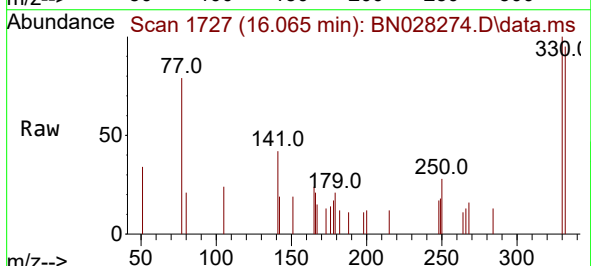
Tgt Ion:330 Resp: 986

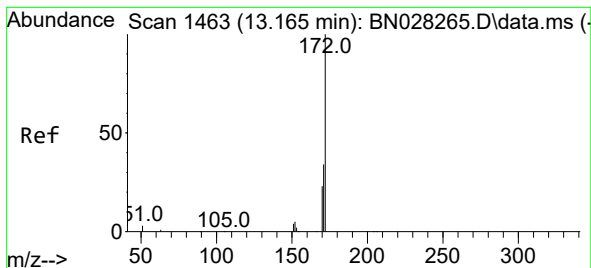
Ion Ratio Lower Upper

330 100

332 96.7 74.1 111.1

141 44.0 32.1 48.1

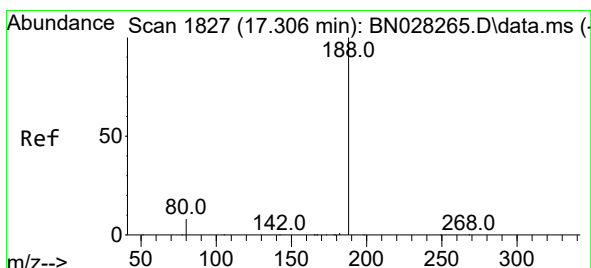
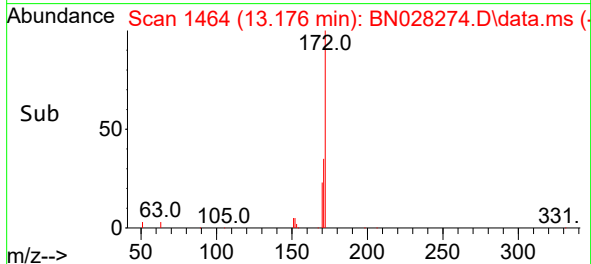
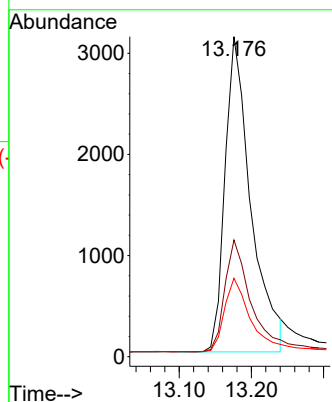
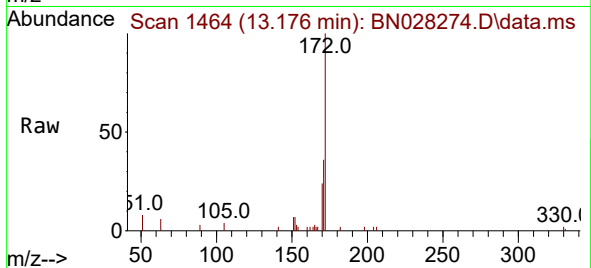




#15
2-Fluorobiphenyl
Concen: 0.415 ng
RT: 13.176 min Scan# 1464
Delta R.T. 0.011 min
Lab File: BN028274.D
Acq: 13 Oct 2023 10:28

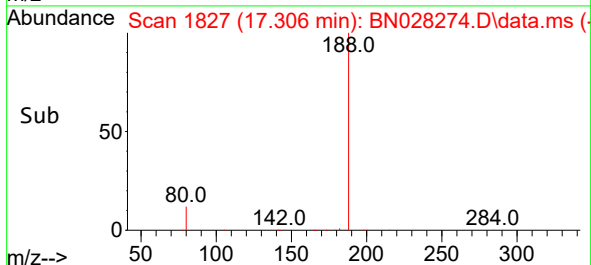
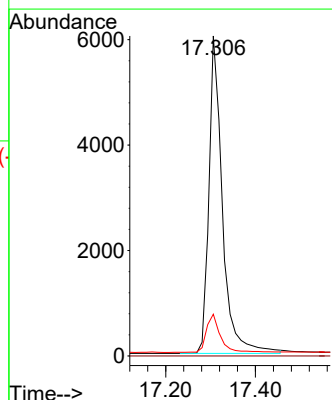
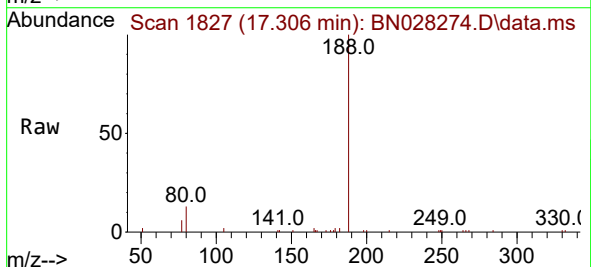
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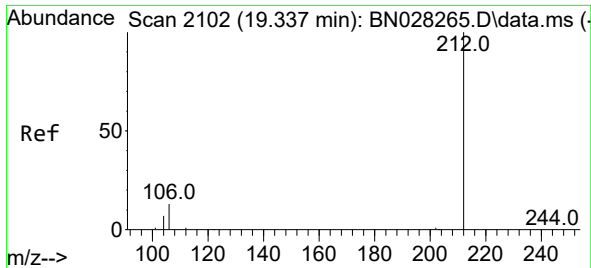
Tgt Ion:172 Resp: 7743
Ion Ratio Lower Upper
172 100
171 36.5 28.3 42.5
170 24.5 18.7 28.1



#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.306 min Scan# 1827
Delta R.T. -0.000 min
Lab File: BN028274.D
Acq: 13 Oct 2023 10:28

Tgt Ion:188 Resp: 12533
Ion Ratio Lower Upper
188 100
94 0.0 0.0 0.0
80 13.0 7.1 10.7#

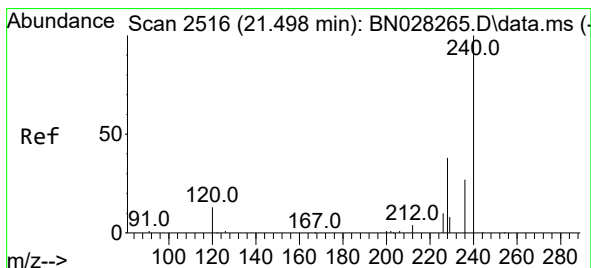
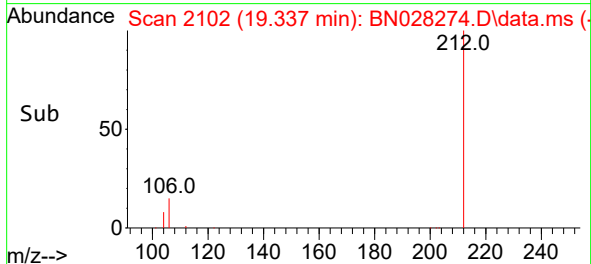
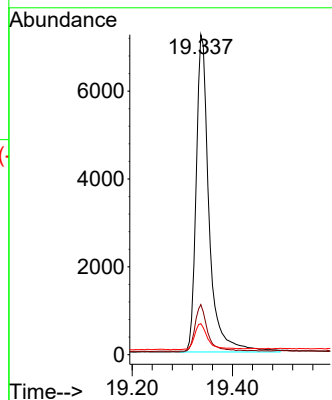
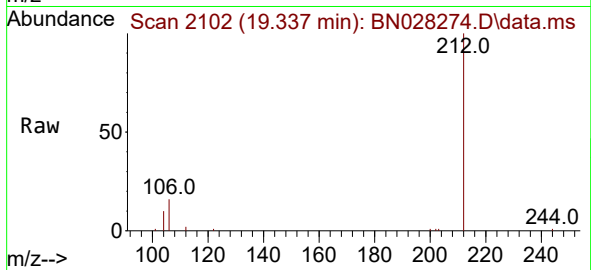




#27
Fluoranthene-d10
Concen: 0.385 ng
RT: 19.337 min Scan# 2102
Delta R.T. -0.000 min
Lab File: BN028274.D
Acq: 13 Oct 2023 10:28

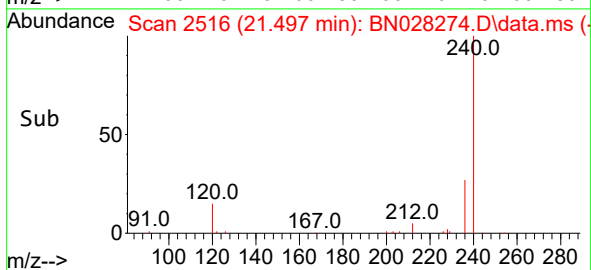
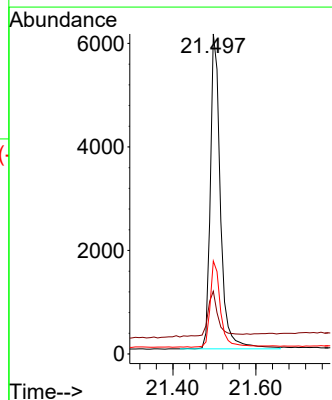
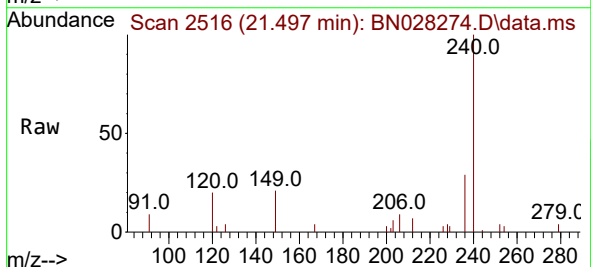
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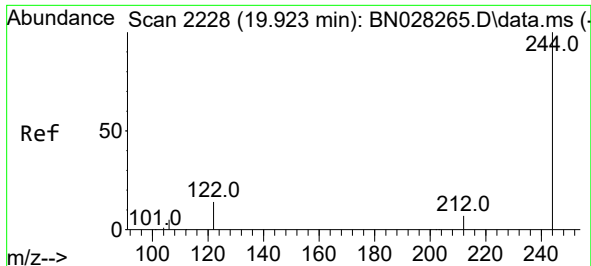
Tgt Ion:212 Resp: 12900
Ion Ratio Lower Upper
212 100
106 14.3 11.5 17.3
104 8.6 6.7 10.1



#29
Chrysene-d12
Concen: 0.400 ng
RT: 21.497 min Scan# 2516
Delta R.T. -0.000 min
Lab File: BN028274.D
Acq: 13 Oct 2023 10:28

Tgt Ion:240 Resp: 10334
Ion Ratio Lower Upper
240 100
120 19.6 13.4 20.0
236 29.1 22.7 34.1

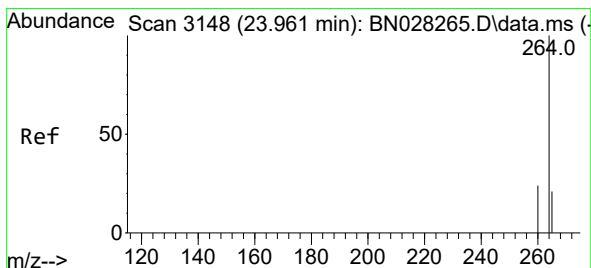
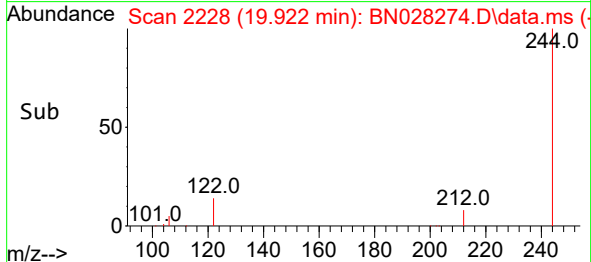
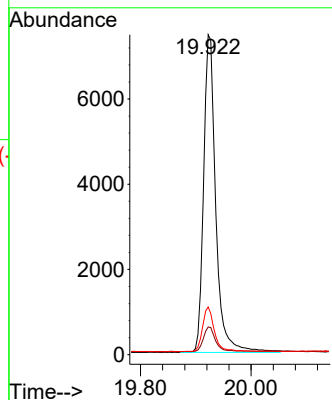
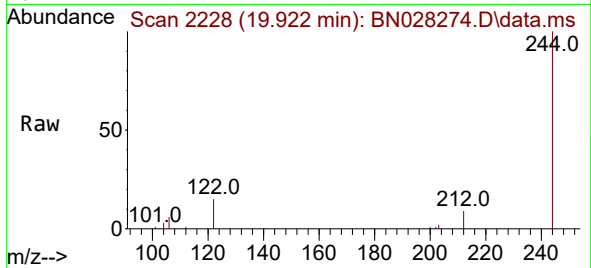




#31
Terphenyl-d14
Concen: 0.521 ng
RT: 19.922 min Scan# 211
Delta R.T. -0.000 min
Lab File: BN028274.D
Acq: 13 Oct 2023 10:28

Instrument :
BNA_N
ClientSampleId :
PB156212BL

Tgt Ion:244 Resp: 11426
Ion Ratio Lower Upper
244 100
212 8.7 6.6 10.0
122 14.9 11.7 17.5



#35
Perylene-d12
Concen: 0.400 ng
RT: 23.958 min Scan# 3147
Delta R.T. -0.003 min
Lab File: BN028274.D
Acq: 13 Oct 2023 10:28

Tgt Ion:264 Resp: 2935
Ion Ratio Lower Upper
264 100
260 34.8 20.7 31.1#
265 179.1 38.3 57.5#

