

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN082523\
 Data File : BN027114.D
 Acq On : 25 Aug 2023 11:08
 Operator : MA/JU
 Sample : PB154868BL
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 PB154868BL

Quant Time: Aug 26 02:15:36 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN081123.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Sat Aug 26 02:13:59 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.088	152	7763	0.400	ng	0.00
7) Naphthalene-d8	10.906	136	19217	0.400	ng	# 0.00
13) Acenaphthene-d10	14.715	164	10816	0.400	ng	0.01
19) Phenanthrene-d10	17.468	188	24544	0.400	ng	0.01
29) Chrysene-d12	21.641	240	19244	0.400	ng	0.00
35) Perylene-d12	24.183	264	18732	0.400	ng	# 0.01
System Monitoring Compounds						
4) 2-Fluorophenol	5.603	112	7340	0.335	ng	0.00
5) Phenol-d6	7.221	99	6900	0.255	ng	0.00
8) Nitrobenzene-d5	9.273	82	4786	0.295	ng	0.00
11) 2-Methylnaphthalene-d10	12.483	152	10524	0.345	ng	0.00
14) 2,4,6-Tribromophenol	16.214	330	1431	0.249	ng	0.01
15) 2-Fluorobiphenyl	13.347	172	14800	0.369	ng	0.01
27) Fluoranthene-d10	19.481	212	23995	0.381	ng	0.00
31) Terphenyl-d14	20.067	244	17876	0.445	ng	0.00

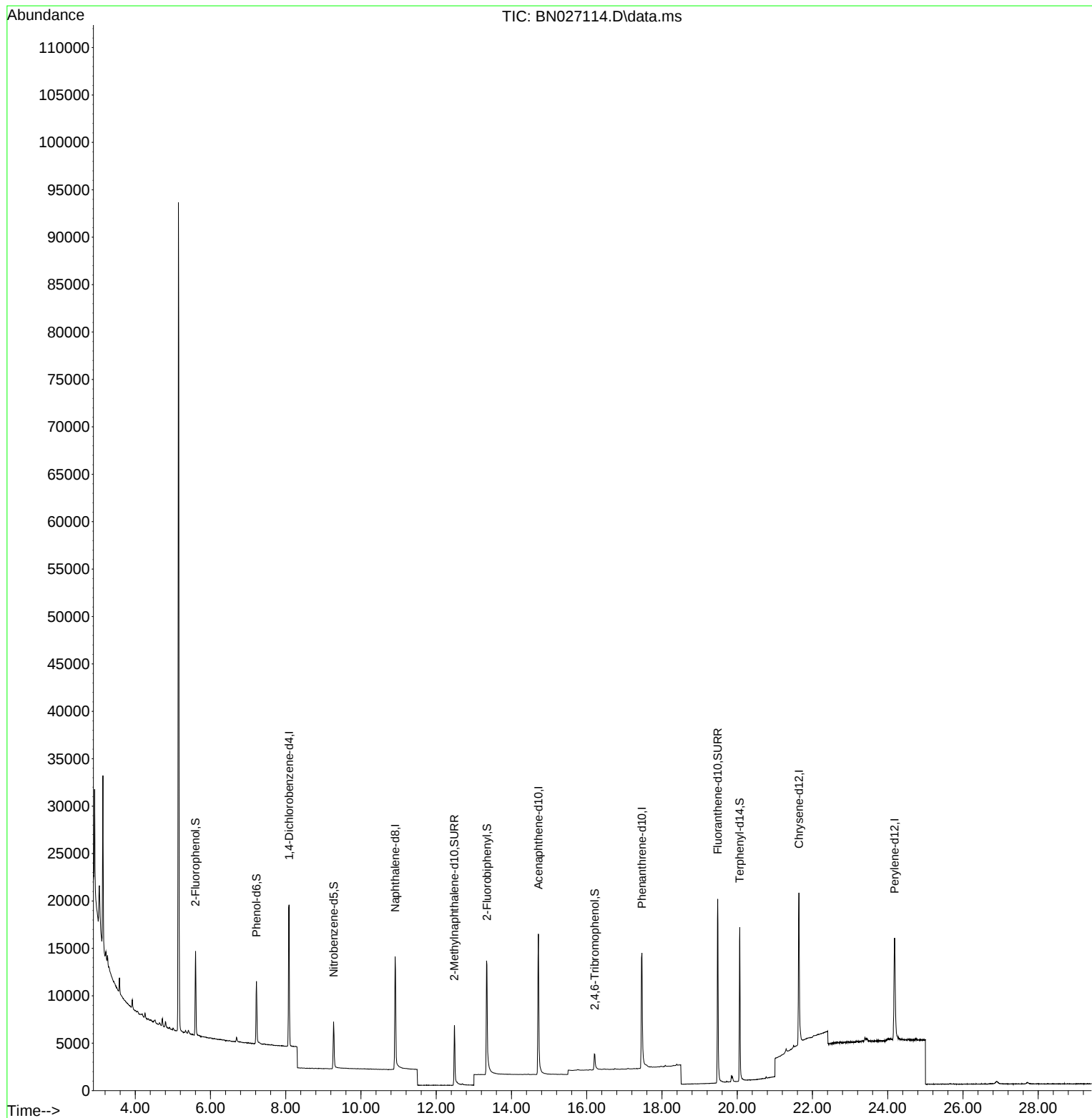
Target Compounds Qvalue

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

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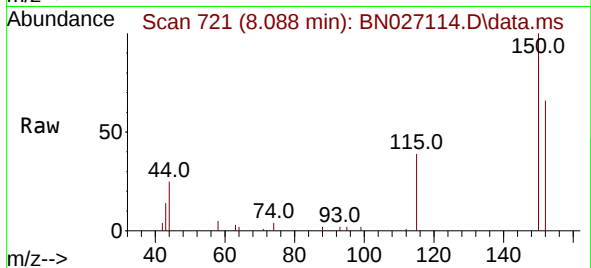
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Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN081123.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Sat Aug 26 02:13:59 2023
Response via : Initial Calibration



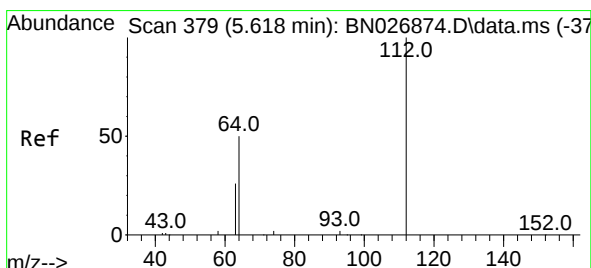
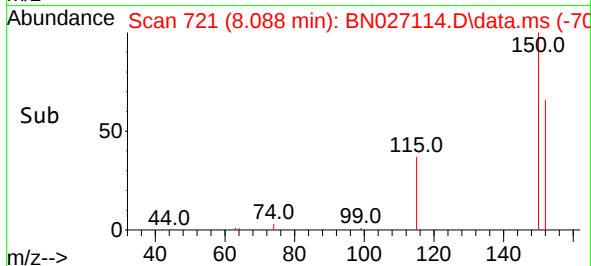
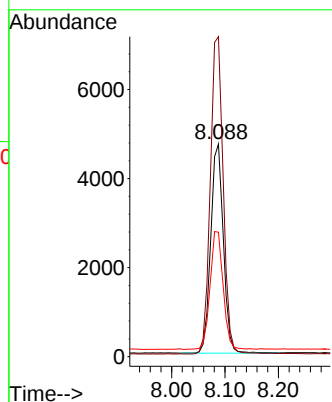


#1
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 8.088 min Scan# 71
Delta R.T. -0.000 min
Lab File: BN027114.D
Acq: 25 Aug 2023 11:08

Instrument :
BNA_N
ClientSampleId :
PB154868BL

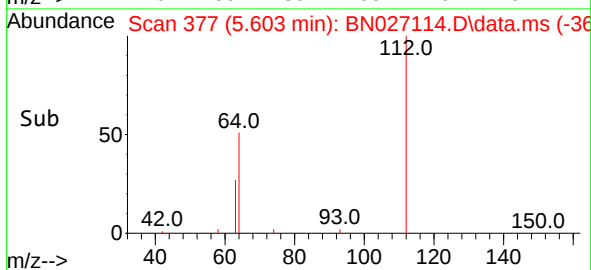
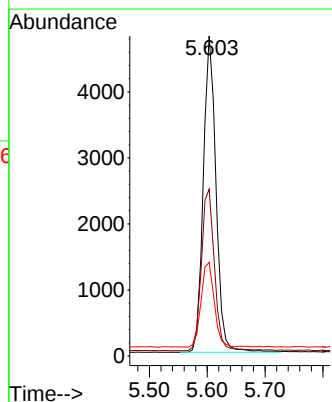
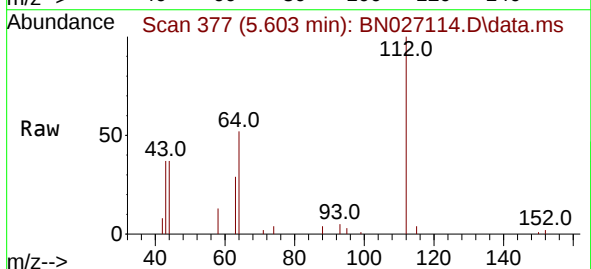


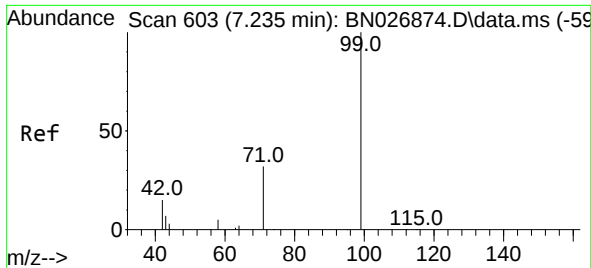
Tgt Ion:152 Resp: 7763
Ion Ratio Lower Upper
152 100
150 150.5 123.8 185.6
115 58.6 49.7 74.5



#4
2-Fluorophenol
Concen: 0.335 ng
RT: 5.603 min Scan# 377
Delta R.T. 0.000 min
Lab File: BN027114.D
Acq: 25 Aug 2023 11:08

Tgt Ion:112 Resp: 7340
Ion Ratio Lower Upper
112 100
64 52.8 41.5 62.3
63 27.5 21.7 32.5

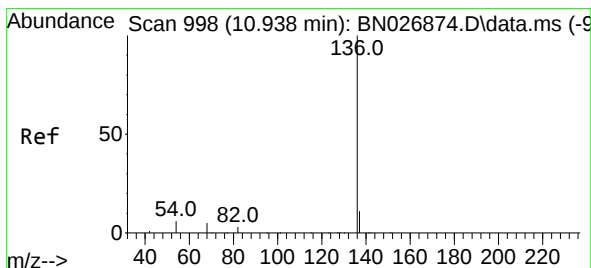
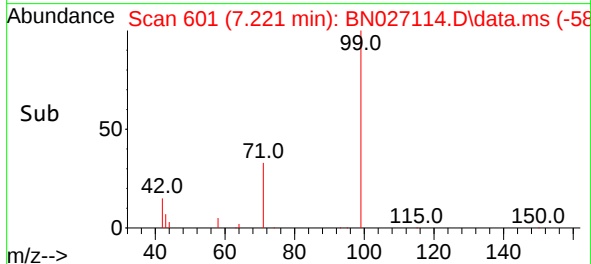
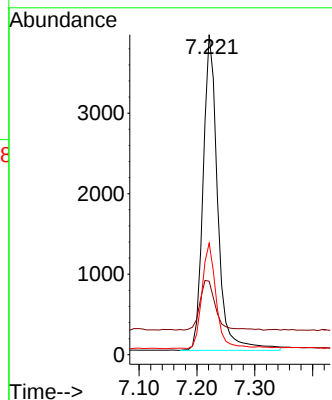
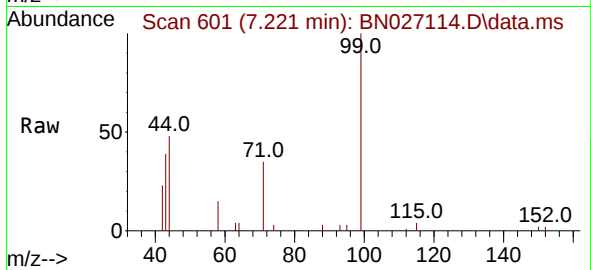




#5
Phenol-d6
Concen: 0.255 ng
RT: 7.221 min Scan# 603
Delta R.T. 0.000 min
Lab File: BN027114.D
Acq: 25 Aug 2023 11:08

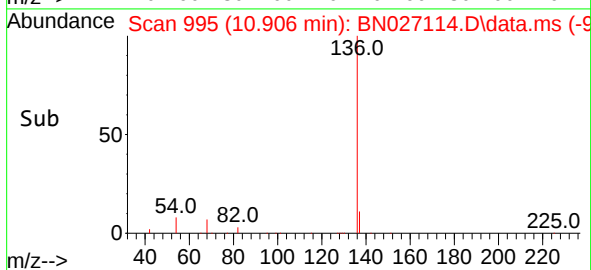
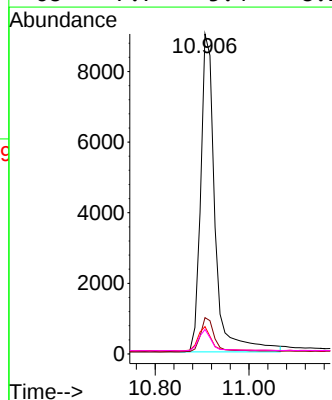
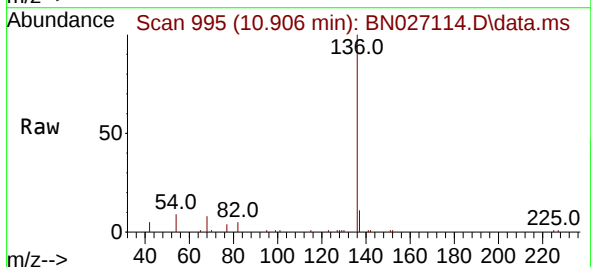
Instrument :
BNA_N
ClientSampleId :
PB154868BL

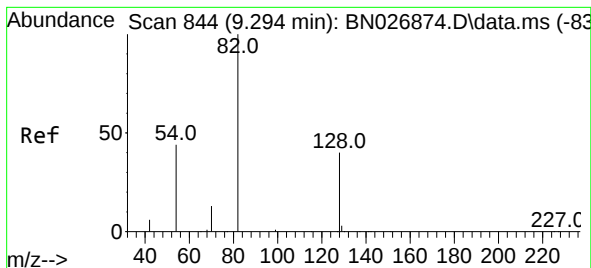
Tgt Ion: 99 Resp: 6900
Ion Ratio Lower Upper
99 100
42 16.8 13.6 20.4
71 32.4 26.0 39.0



#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.906 min Scan# 995
Delta R.T. 0.000 min
Lab File: BN027114.D
Acq: 25 Aug 2023 11:08

Tgt Ion: 136 Resp: 19217
Ion Ratio Lower Upper
136 100
137 11.3 9.0 13.6
54 8.5 5.5 8.3#
68 7.7 5.4 8.2

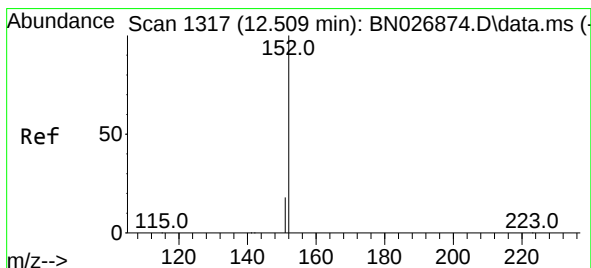
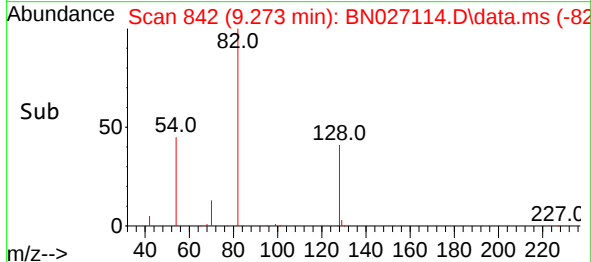
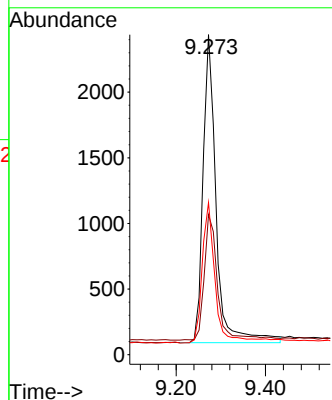
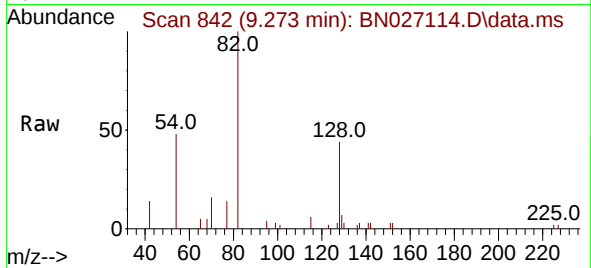




#8
Nitrobenzene-d5
Concen: 0.295 ng
RT: 9.273 min Scan# 84
Delta R.T. 0.000 min
Lab File: BN027114.D
Acq: 25 Aug 2023 11:08

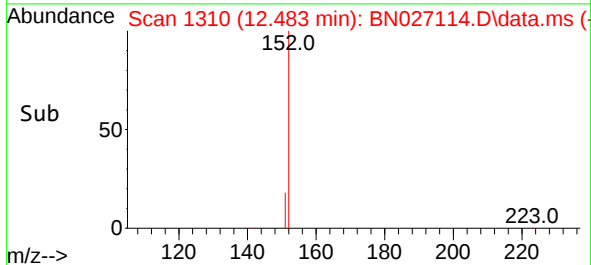
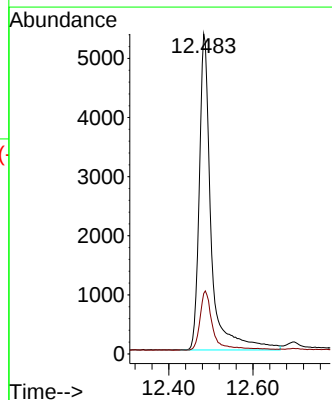
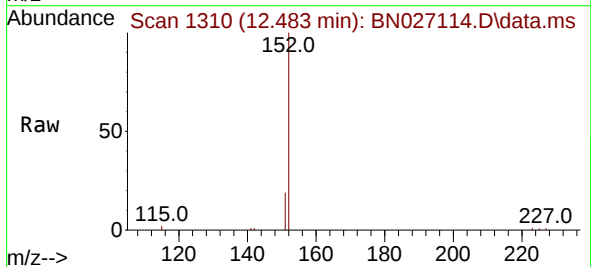
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BNA_N
ClientSampleId :
PB154868BL

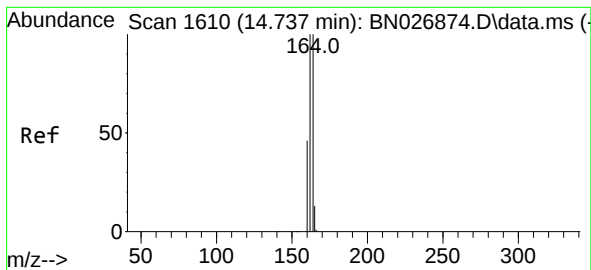
Tgt Ion: 82 Resp: 4786
Ion Ratio Lower Upper
82 100
128 43.8 34.1 51.1
54 47.5 37.0 55.4



#11
2-Methylnaphthalene-d10
Concen: 0.345 ng
RT: 12.483 min Scan# 1310
Delta R.T. 0.000 min
Lab File: BN027114.D
Acq: 25 Aug 2023 11:08

Tgt Ion: 152 Resp: 10524
Ion Ratio Lower Upper
152 100
151 20.3 16.3 24.5





#13

Acenaphthene-d10

Concen: 0.400 ng

RT: 14.715 min Scan# 1

Delta R.T. 0.011 min

Lab File: BN027114.D

Acq: 25 Aug 2023 11:08

Instrument :

BNA_N

ClientSampleId :

PB154868BL

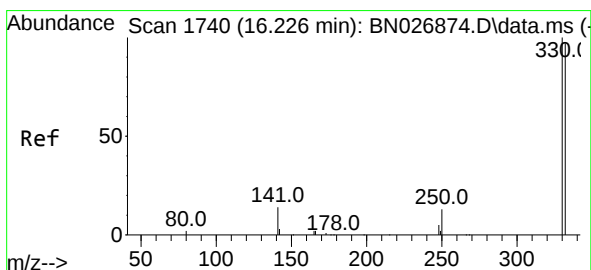
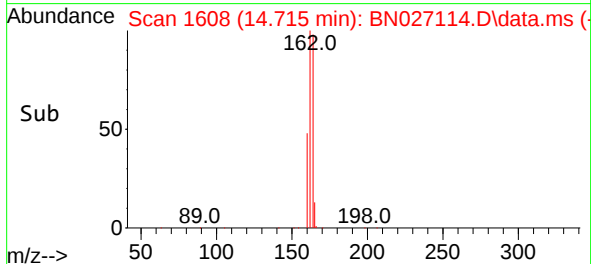
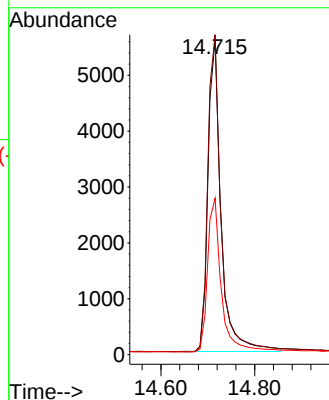
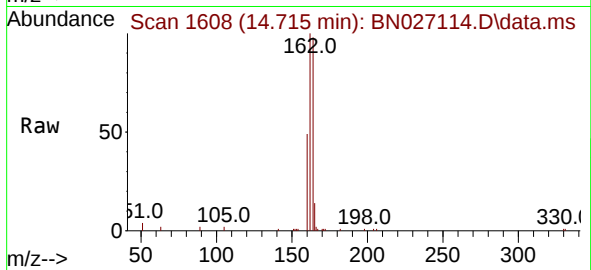
Tgt Ion:164 Resp: 10816

Ion Ratio Lower Upper

164 100

162 101.6 79.7 119.5

160 49.7 37.4 56.0



#14

2,4,6-Tribromophenol

Concen: 0.249 ng

RT: 16.214 min Scan# 1739

Delta R.T. 0.012 min

Lab File: BN027114.D

Acq: 25 Aug 2023 11:08

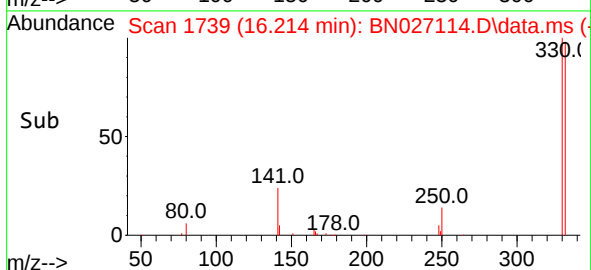
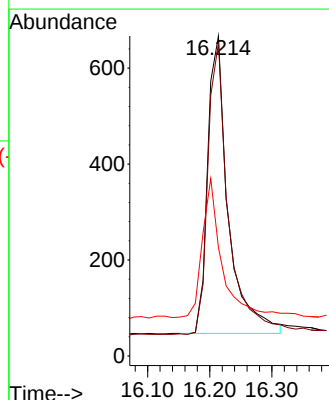
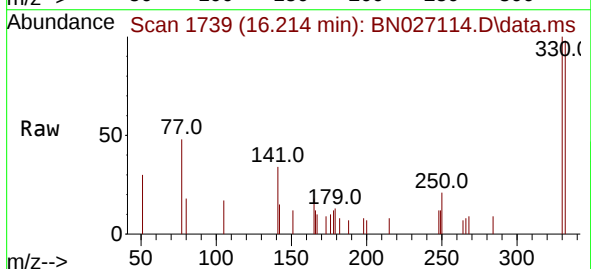
Tgt Ion:330 Resp: 1431

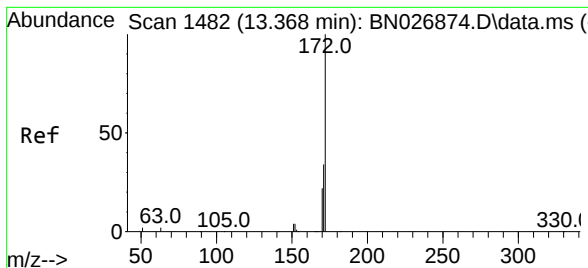
Ion Ratio Lower Upper

330 100

332 98.2 76.6 114.8

141 44.4 32.3 48.5

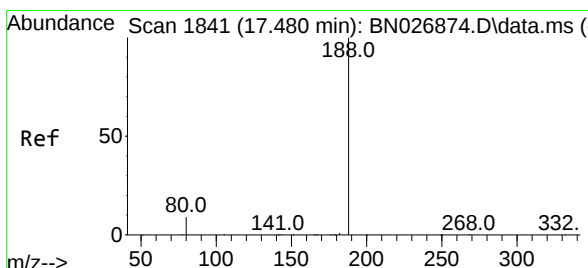
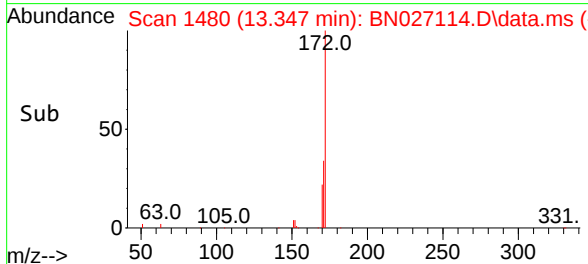
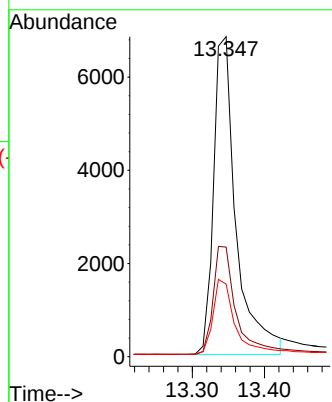
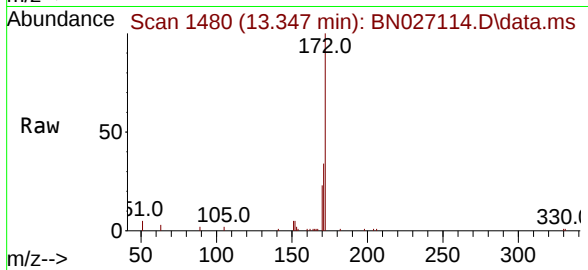




#15
2-Fluorobiphenyl
Concen: 0.369 ng
RT: 13.347 min Scan# 1480
Delta R.T. 0.011 min
Lab File: BN027114.D
Acq: 25 Aug 2023 11:08

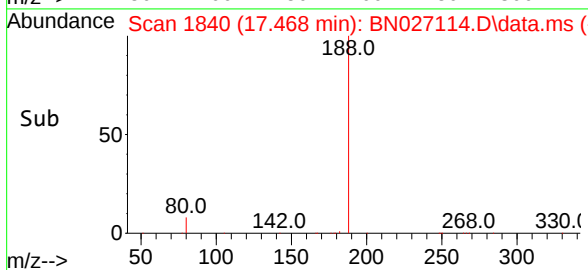
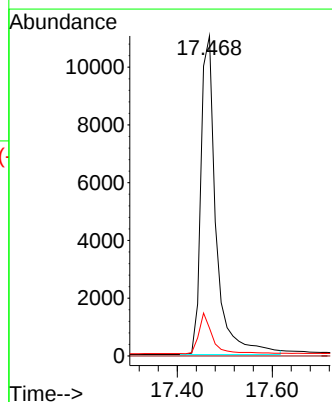
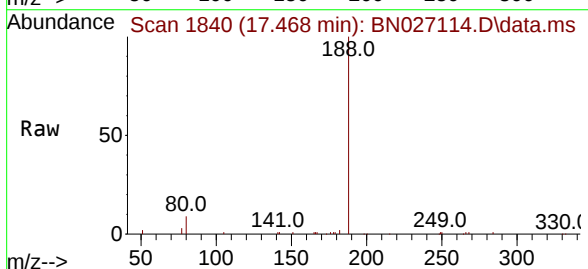
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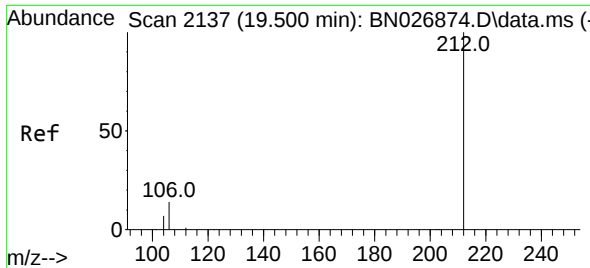
Tgt Ion:172 Resp: 14800
Ion Ratio Lower Upper
172 100
171 34.2 27.4 41.0
170 22.7 18.0 27.0



#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.468 min Scan# 1840
Delta R.T. 0.012 min
Lab File: BN027114.D
Acq: 25 Aug 2023 11:08

Tgt Ion:188 Resp: 24544
Ion Ratio Lower Upper
188 100
94 0.0 0.0 0.0
80 8.7 7.4 11.2

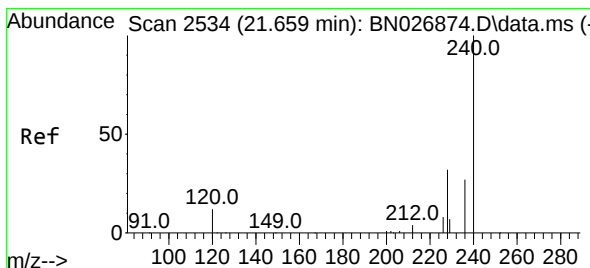
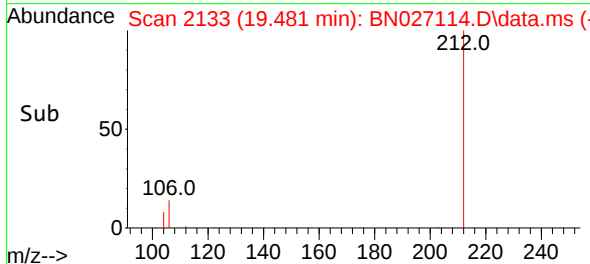
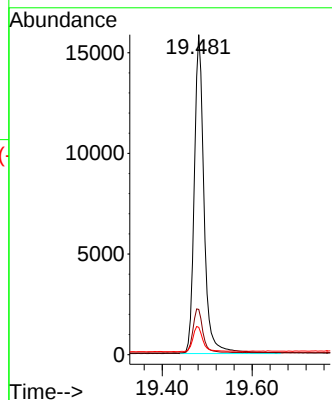
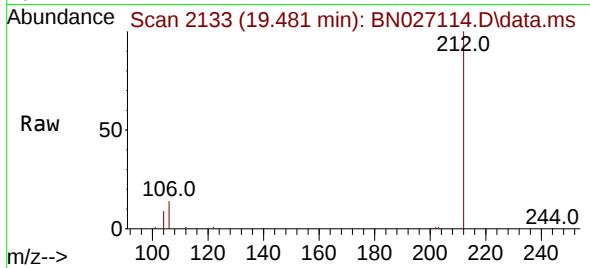




#27
Fluoranthene-d10
Concen: 0.381 ng
RT: 19.481 min Scan# 2133
Delta R.T. 0.005 min
Lab File: BN027114.D
Acq: 25 Aug 2023 11:08

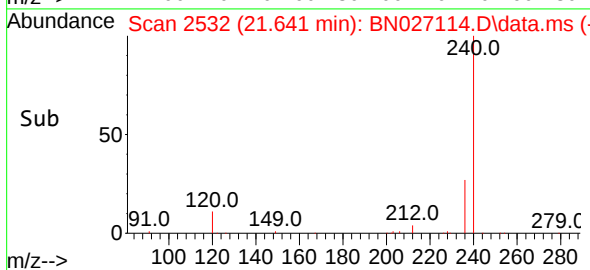
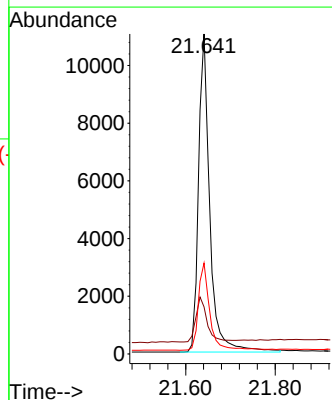
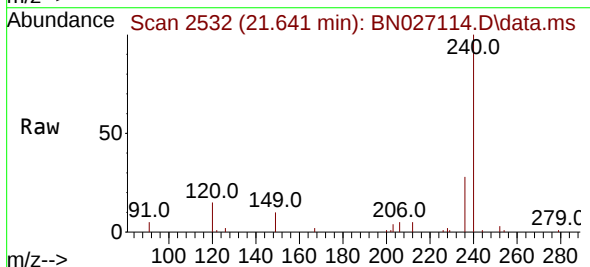
Instrument :
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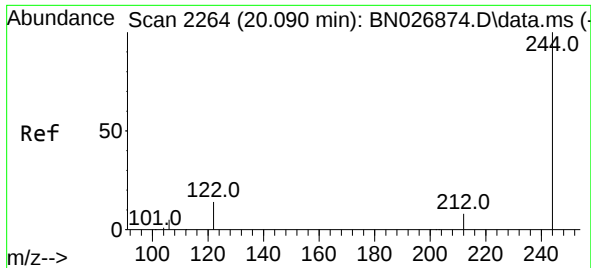
Tgt Ion:212 Resp: 23995
Ion Ratio Lower Upper
212 100
106 14.2 10.9 16.3
104 8.1 5.9 8.9



#29
Chrysene-d12
Concen: 0.400 ng
RT: 21.641 min Scan# 2532
Delta R.T. 0.009 min
Lab File: BN027114.D
Acq: 25 Aug 2023 11:08

Tgt Ion:240 Resp: 19244
Ion Ratio Lower Upper
240 100
120 14.7 11.1 16.7
236 28.4 22.2 33.2

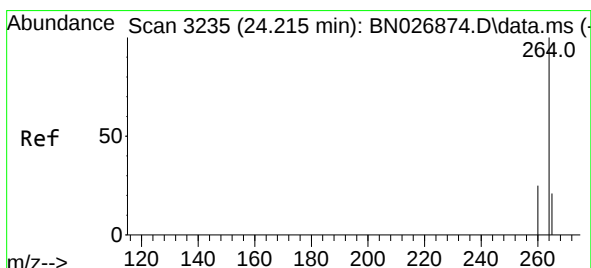
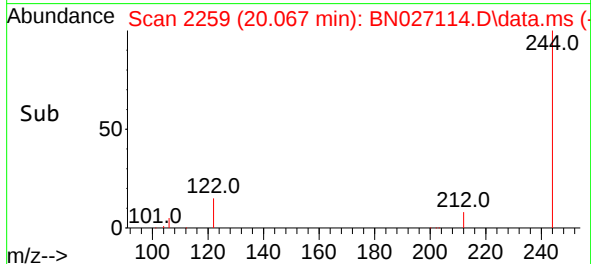
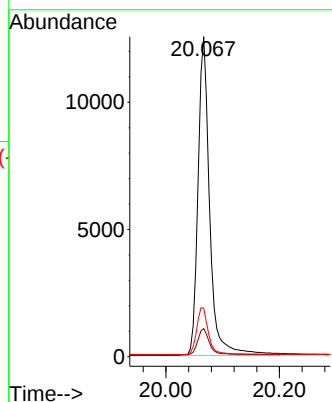
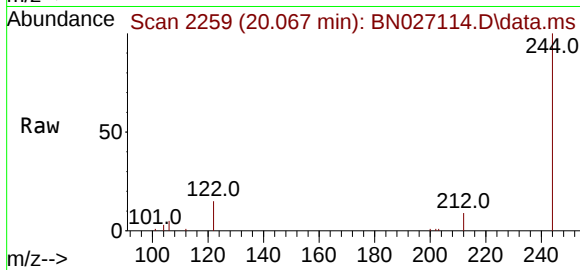




#31
 Terphenyl-d14
 Concen: 0.445 ng
 RT: 20.067 min Scan# 21
 Delta R.T. 0.005 min
 Lab File: BN027114.D
 Acq: 25 Aug 2023 11:08

Instrument :
 BNA_N
 ClientSampleId :
 PB154868BL

Tgt Ion:244 Resp: 17876
 Ion Ratio Lower Upper
 244 100
 212 8.8 6.9 10.3
 122 15.1 11.9 17.9



#35
 Perylene-d12
 Concen: 0.400 ng
 RT: 24.183 min Scan# 3224
 Delta R.T. 0.012 min
 Lab File: BN027114.D
 Acq: 25 Aug 2023 11:08

Tgt Ion:264 Resp: 18732
 Ion Ratio Lower Upper
 264 100
 260 25.8 20.4 30.6
 265 65.6 27.0 40.6#

