

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN022424\
 Data File : BN030032.D
 Acq On : 25 Feb 2024 17:19
 Operator : MA/JU
 Sample : PB159230BL
 Misc :
 ALS Vial : 83 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 PB159230BL

Quant Time: Feb 26 02:51:50 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN012924.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Feb 26 02:39:45 2024
 Response via : Initial Calibration

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

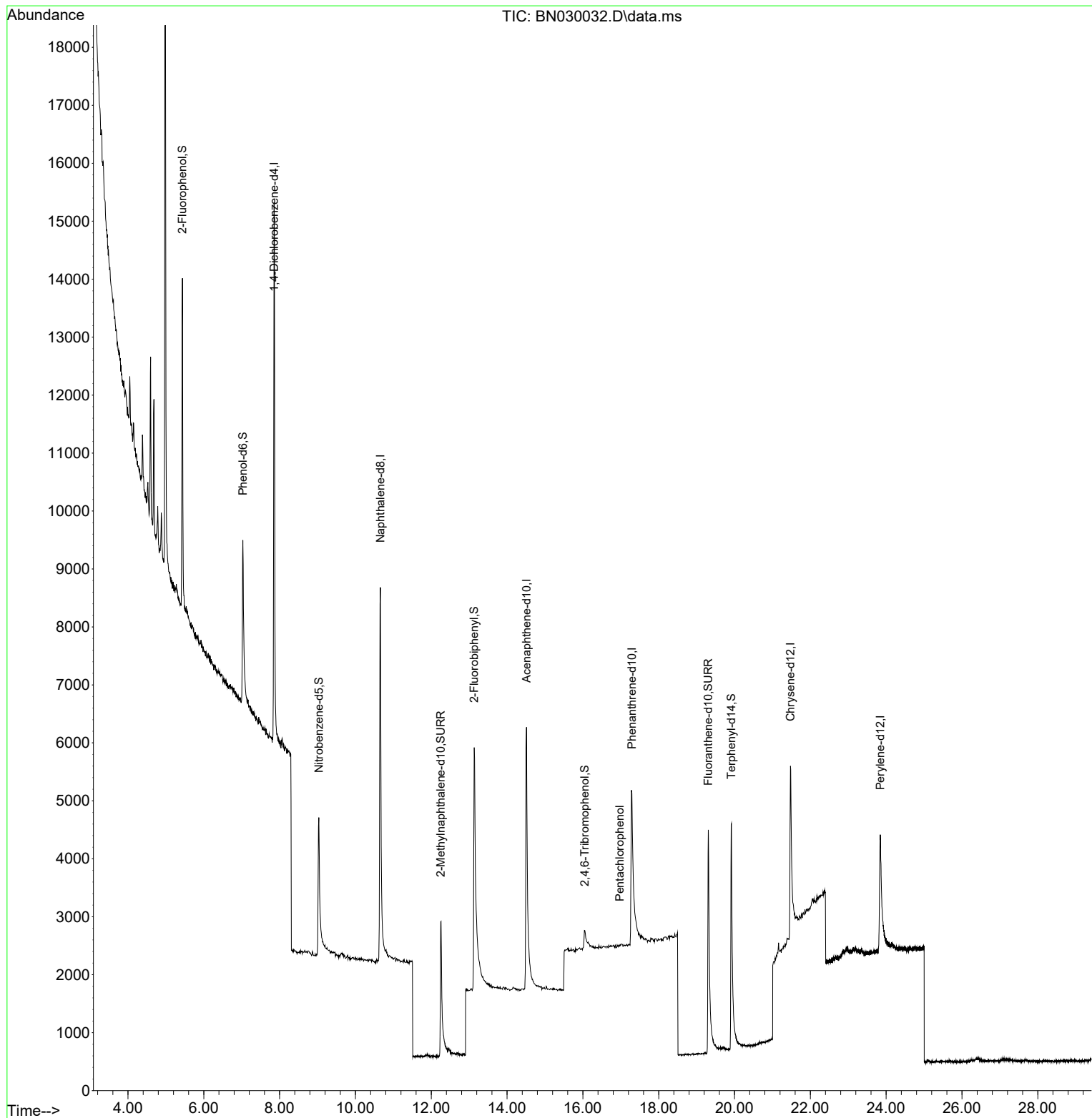
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.854	152	5122	0.400	ng	0.00
7) Naphthalene-d8	10.658	136	12693	0.400	ng	0.01
13) Acenaphthene-d10	14.511	164	5486	0.400	ng	0.02
19) Phenanthrene-d10	17.293	188	9696	0.400	ng	0.04
29) Chrysene-d12	21.474	240	6424	0.400	ng	0.02
35) Perylene-d12	23.844	264	5658	0.400	ng	# 0.02
System Monitoring Compounds						
4) 2-Fluorophenol	5.435	112	4765	0.387	ng	0.00
5) Phenol-d6	7.031	99	4330	0.305	ng	0.00
8) Nitrobenzene-d5	9.035	82	3900	0.369	ng	0.02
11) 2-Methylnaphthalene-d10	12.253	152	6233	0.361	ng	0.00
14) 2,4,6-Tribromophenol	16.051	330	410	0.233	ng	0.05
15) 2-Fluorobiphenyl	13.132	172	7801	0.331	ng	0.01
27) Fluoranthene-d10	19.308	212	9317	0.397	ng	0.02
31) Terphenyl-d14	19.917	244	8133	0.510	ng	0.02
Target Compounds						
24) Pentachlorophenol	16.970	266	59	0.026	ng	# 32

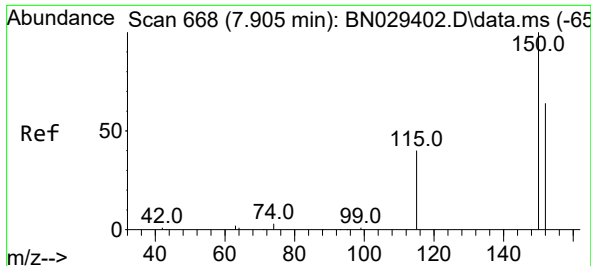
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Feb 26 02:39:45 2024
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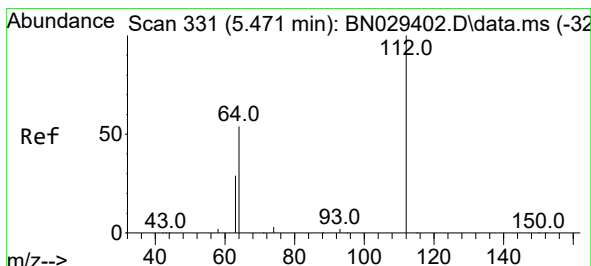
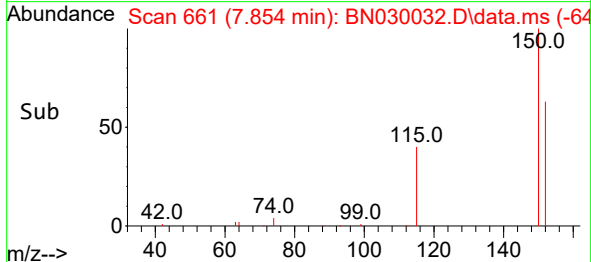
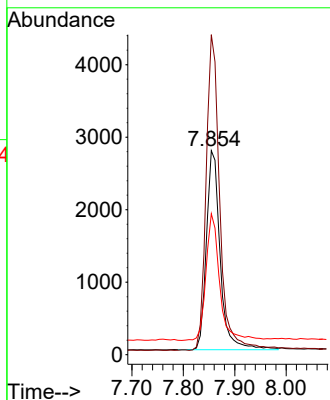
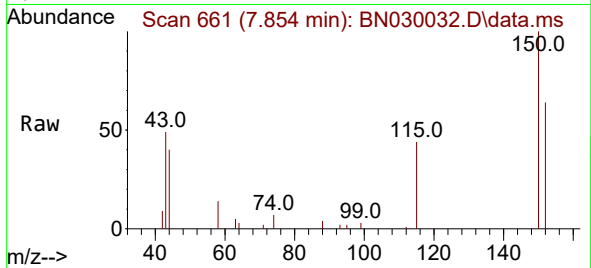




#1
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.854 min Scan# 60
Delta R.T. 0.000 min
Lab File: BN030032.D
Acq: 25 Feb 2024 17:19

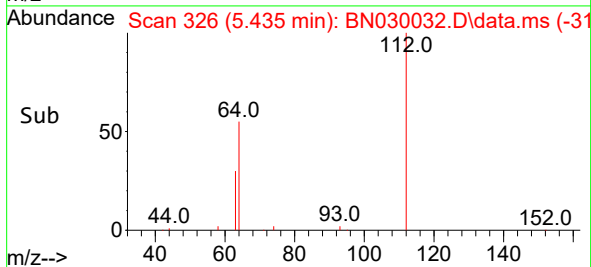
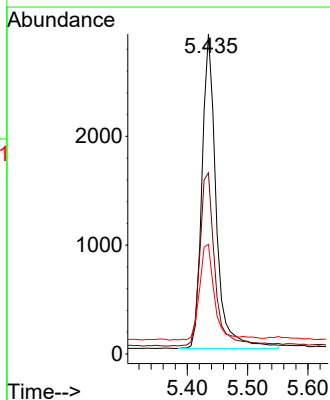
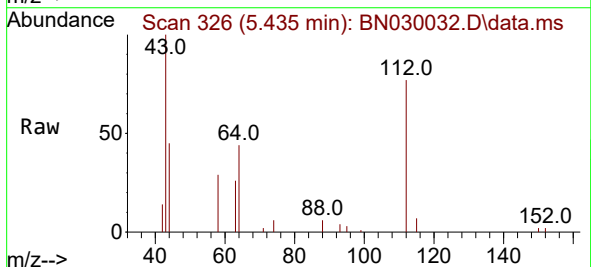
Instrument :
BNA_N
ClientSampleId :
PB159230BL

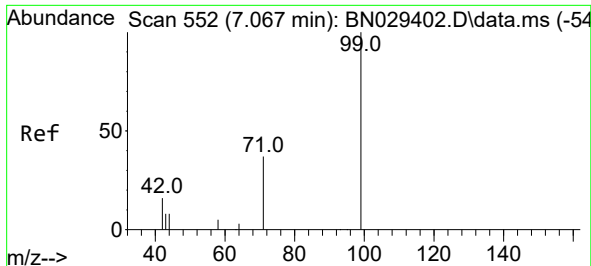
Tgt Ion:152 Resp: 5122
Ion Ratio Lower Upper
152 100
150 156.8 123.0 184.4
115 69.1 51.4 77.0



#4
2-Fluorophenol
Concen: 0.387 ng
RT: 5.435 min Scan# 326
Delta R.T. 0.007 min
Lab File: BN030032.D
Acq: 25 Feb 2024 17:19

Tgt Ion:112 Resp: 4765
Ion Ratio Lower Upper
112 100
64 58.4 47.2 70.8
63 31.3 25.8 38.6

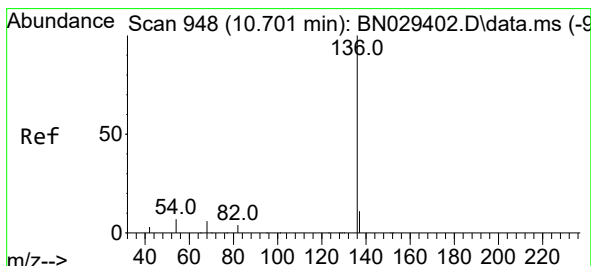
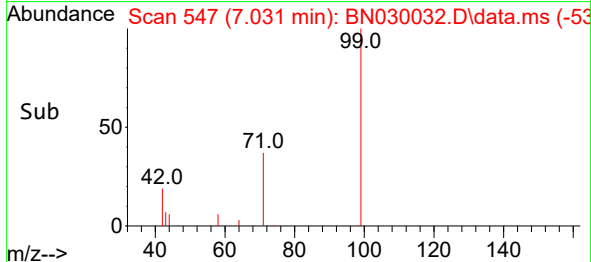
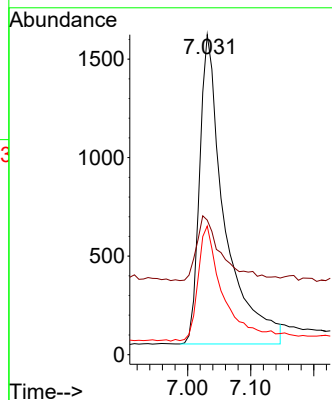
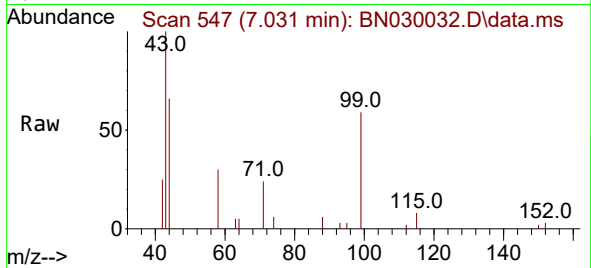




#5
Phenol-d6
Concen: 0.305 ng
RT: 7.031 min Scan# 54
Delta R.T. 0.007 min
Lab File: BN030032.D
Acq: 25 Feb 2024 17:19

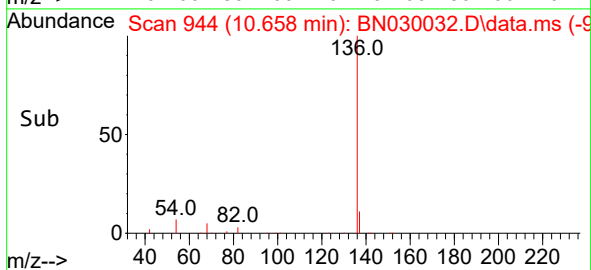
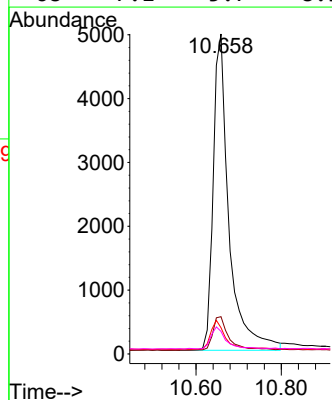
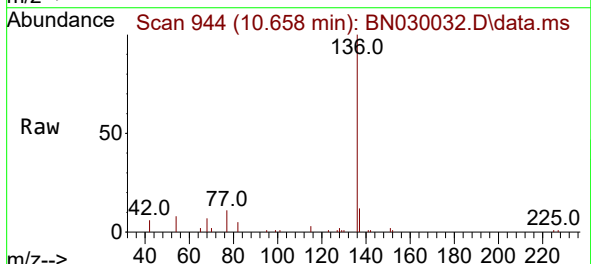
Instrument :
BNA_N
ClientSampleId :
PB159230BL

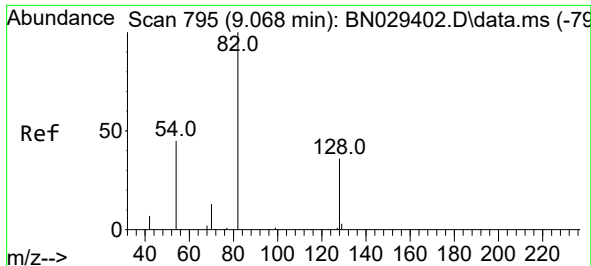
Tgt Ion: 99 Resp: 4330
Ion Ratio Lower Upper
99 100
42 20.9 16.9 25.3
71 37.4 30.0 45.0



#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.658 min Scan# 944
Delta R.T. 0.011 min
Lab File: BN030032.D
Acq: 25 Feb 2024 17:19

Tgt Ion: 136 Resp: 12693
Ion Ratio Lower Upper
136 100
137 11.6 9.7 14.5
54 8.2 6.6 10.0
68 7.1 5.7 8.5

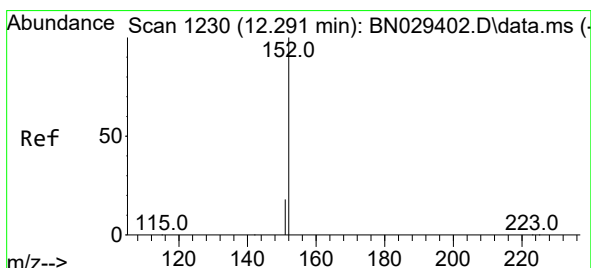
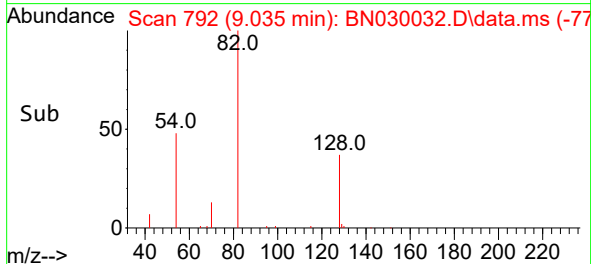
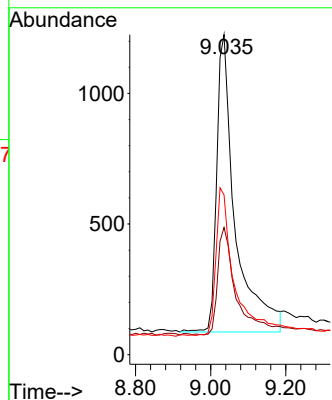
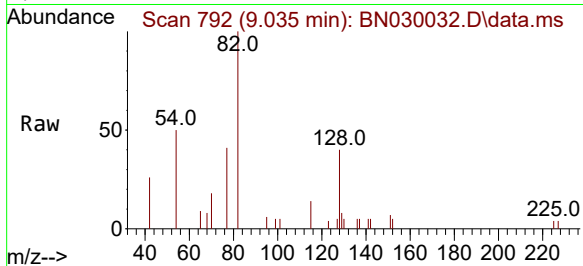




#8
Nitrobenzene-d5
Concen: 0.369 ng
RT: 9.035 min Scan# 795
Delta R.T. 0.022 min
Lab File: BN030032.D
Acq: 25 Feb 2024 17:19

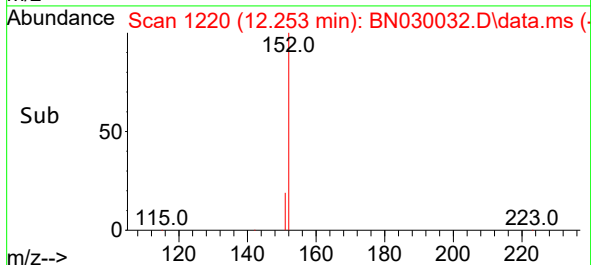
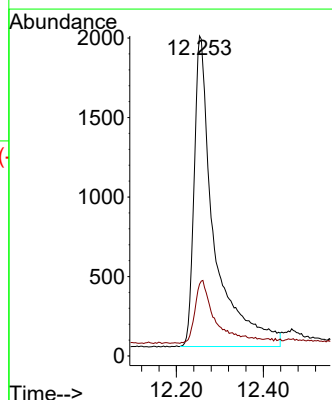
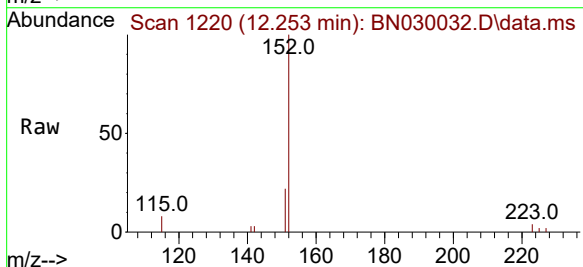
Instrument :
BNA_N
ClientSampleId :
PB159230BL

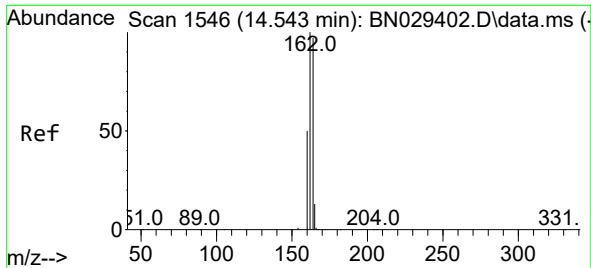
Tgt Ion: 82 Resp: 3900
Ion Ratio Lower Upper
82 100
128 39.8 31.6 47.4
54 50.0 38.2 57.4



#11
2-Methylnaphthalene-d10
Concen: 0.361 ng
RT: 12.253 min Scan# 1220
Delta R.T. 0.008 min
Lab File: BN030032.D
Acq: 25 Feb 2024 17:19

Tgt Ion: 152 Resp: 6233
Ion Ratio Lower Upper
152 100
151 19.0 17.1 25.7

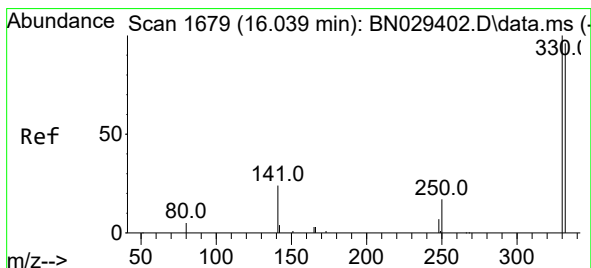
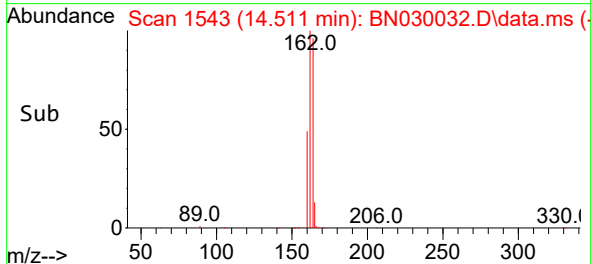
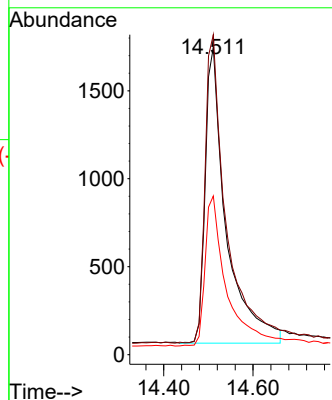
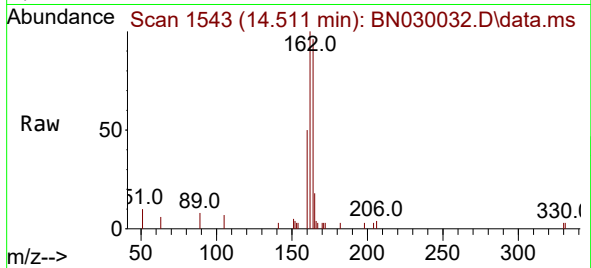




#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.511 min Scan# 11
Delta R.T. 0.022 min
Lab File: BN030032.D
Acq: 25 Feb 2024 17:19

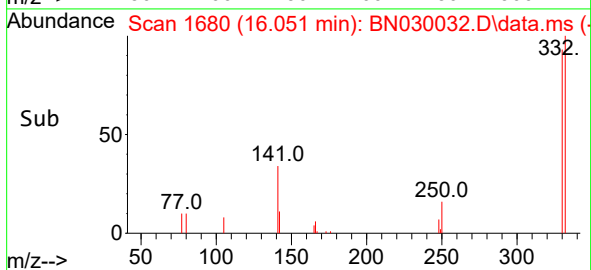
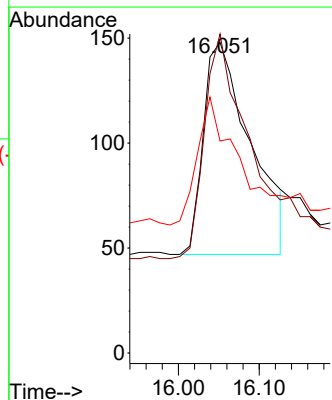
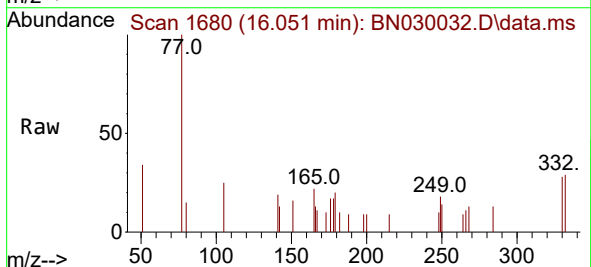
Instrument :
BNA_N
ClientSampleId :
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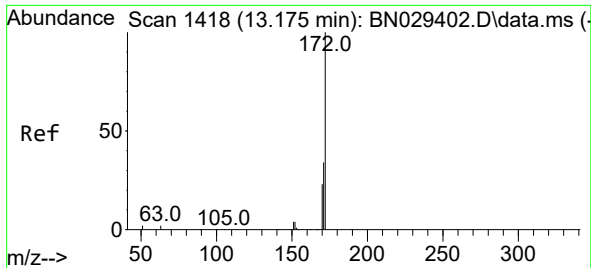
Tgt Ion:164 Resp: 5486
Ion Ratio Lower Upper
164 100
162 104.1 82.6 123.8
160 51.6 41.5 62.3



#14
2,4,6-Tribromophenol
Concen: 0.233 ng
RT: 16.051 min Scan# 1680
Delta R.T. 0.050 min
Lab File: BN030032.D
Acq: 25 Feb 2024 17:19

Tgt Ion:330 Resp: 410
Ion Ratio Lower Upper
330 100
332 99.3 76.0 114.0
141 51.0 43.4 65.2

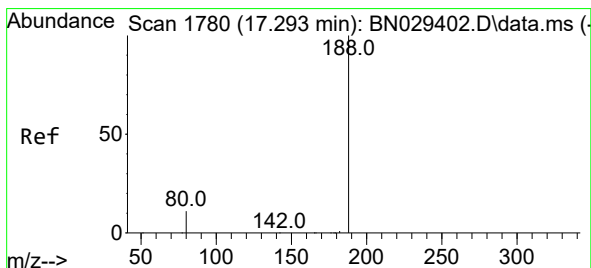
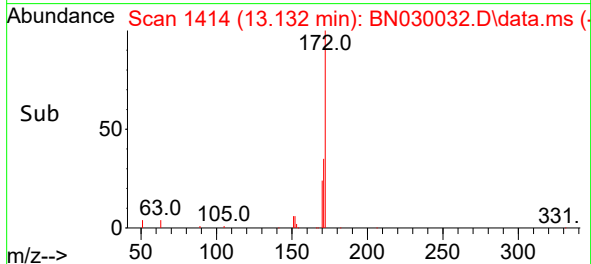
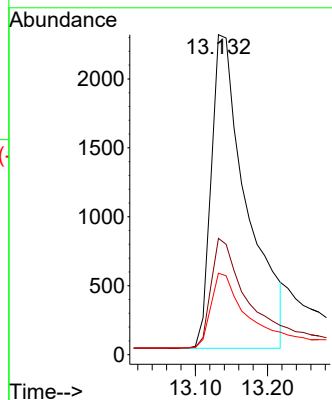
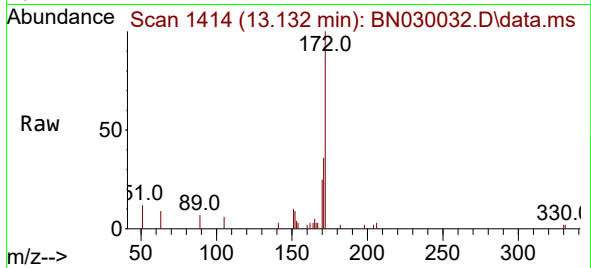




#15
2-Fluorobiphenyl
Concen: 0.331 ng
RT: 13.132 min Scan# 1418
Delta R.T. 0.011 min
Lab File: BN030032.D
Acq: 25 Feb 2024 17:19

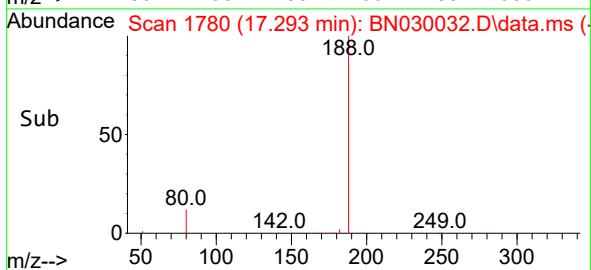
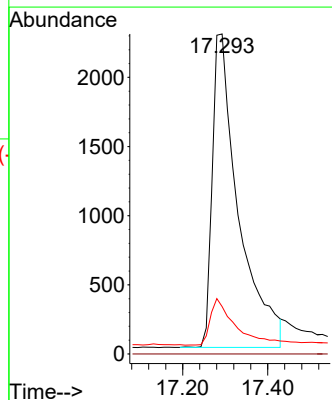
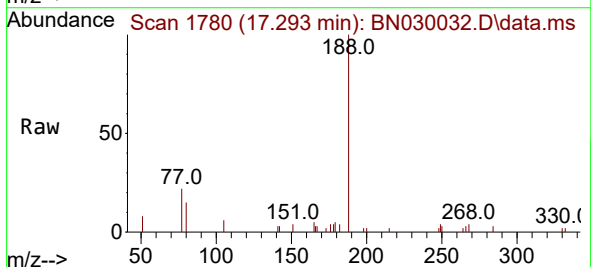
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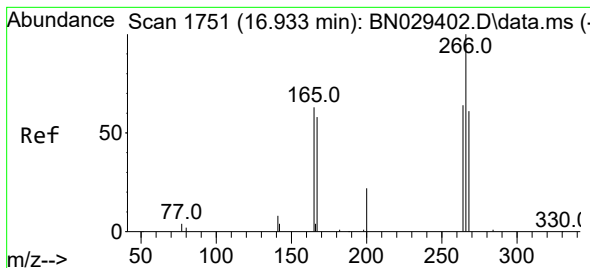
Tgt Ion:172 Resp: 7801
Ion Ratio Lower Upper
172 100
171 36.3 28.0 42.0
170 25.4 18.7 28.1



#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.293 min Scan# 1780
Delta R.T. 0.037 min
Lab File: BN030032.D
Acq: 25 Feb 2024 17:19

Tgt Ion:188 Resp: 9696
Ion Ratio Lower Upper
188 100
94 0.0 0.0 0.0
80 14.8 10.0 15.0





#24

Pentachlorophenol

Concen: 0.026 ng

RT: 16.970 min Scan# 1

Delta R.T. 0.062 min

Lab File: BN030032.D

Acq: 25 Feb 2024 17:19

Instrument :

BNA_N

ClientSampleId :

PB159230BL

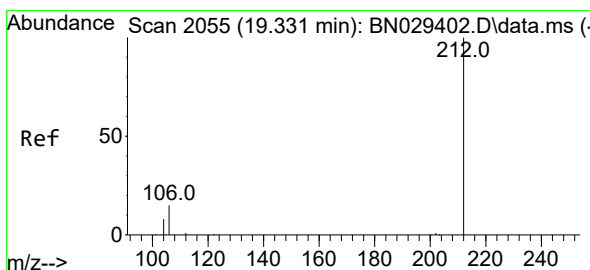
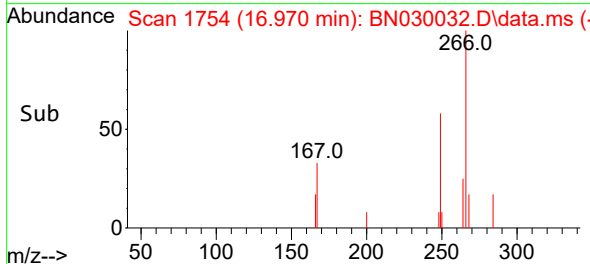
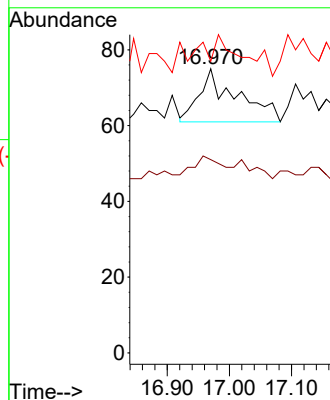
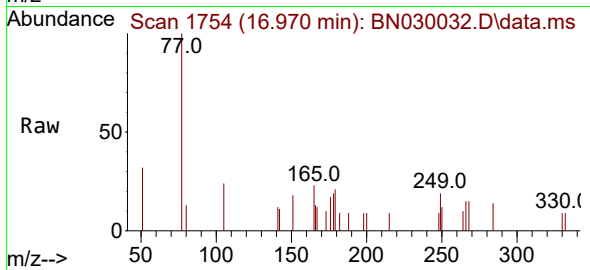
Tgt Ion:266 Resp: 59

Ion Ratio Lower Upper

266 100

264 22.0 50.8 76.2#

268 0.0 51.5 77.3#



#27

Fluoranthene-d10

Concen: 0.397 ng

RT: 19.308 min Scan# 2050

Delta R.T. 0.019 min

Lab File: BN030032.D

Acq: 25 Feb 2024 17:19

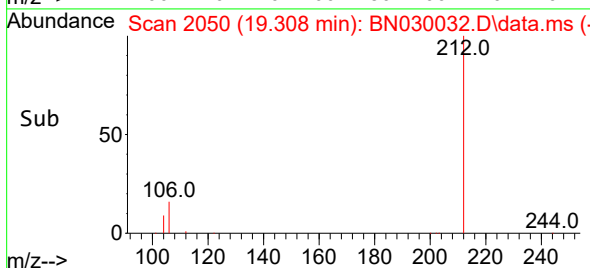
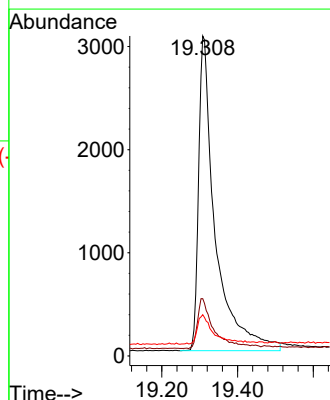
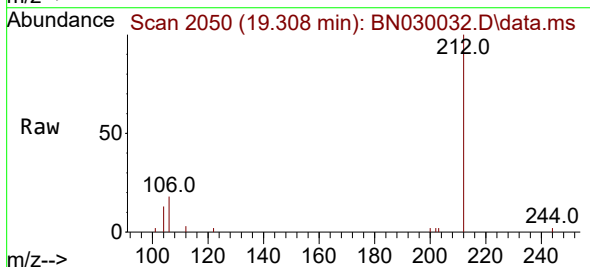
Tgt Ion:212 Resp: 9317

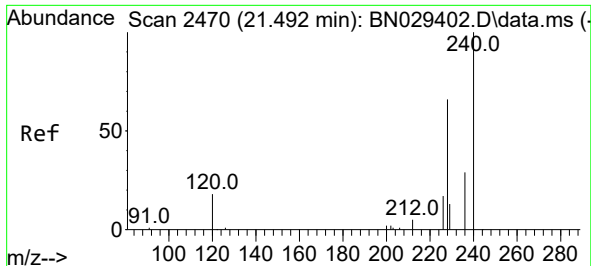
Ion Ratio Lower Upper

212 100

106 15.3 13.2 19.8

104 8.7 7.7 11.5

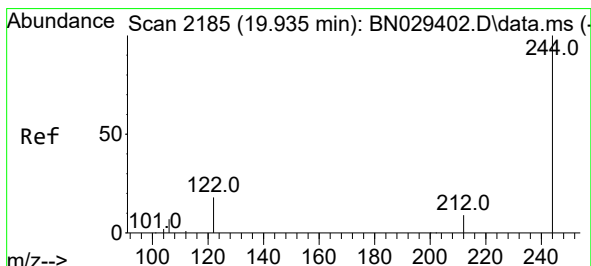
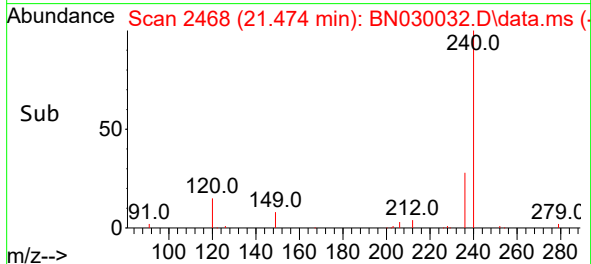
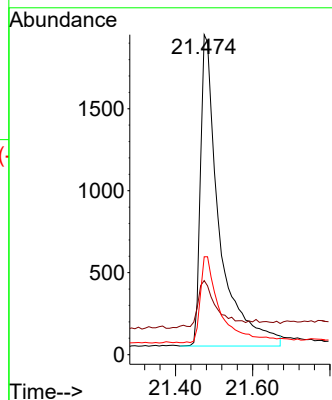
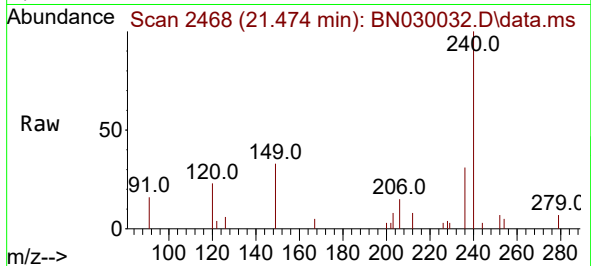




#29
Chrysene-d12
Concen: 0.400 ng
RT: 21.474 min Scan# 2468
Delta R.T. 0.018 min
Lab File: BN030032.D
Acq: 25 Feb 2024 17:19

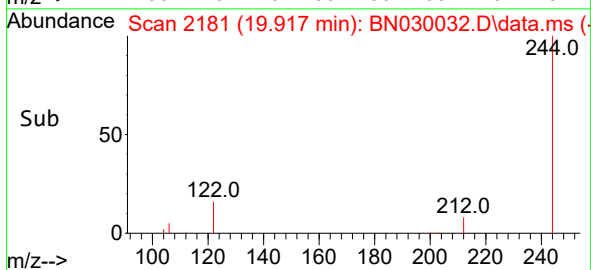
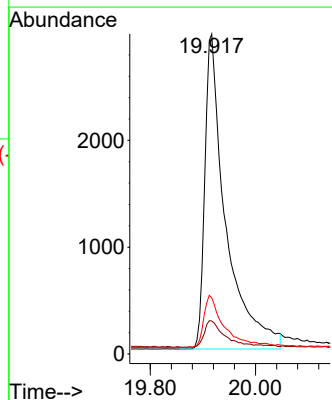
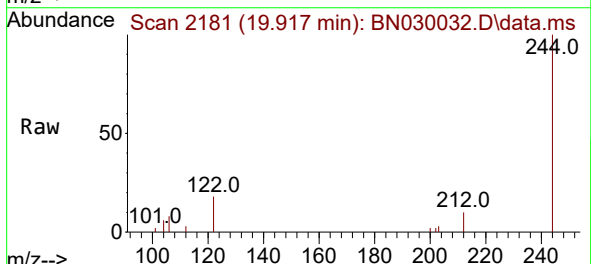
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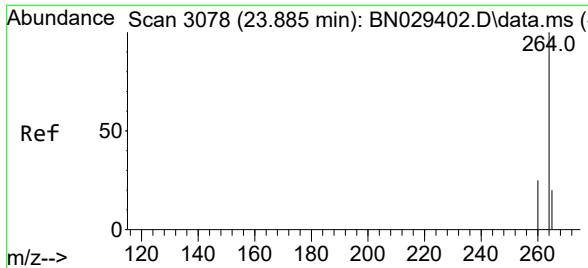
Tgt Ion:240 Resp: 6424
Ion Ratio Lower Upper
240 100
120 23.2 16.7 25.1
236 30.6 23.9 35.9



#31
Terphenyl-d14
Concen: 0.510 ng
RT: 19.917 min Scan# 2181
Delta R.T. 0.019 min
Lab File: BN030032.D
Acq: 25 Feb 2024 17:19

Tgt Ion:244 Resp: 8133
Ion Ratio Lower Upper
244 100
212 10.3 8.2 12.4
122 17.6 15.6 23.4





#35
 Perylene-d12
 Concen: 0.400 ng
 RT: 23.844 min Scan# 3078
 Delta R.T. 0.024 min
 Lab File: BN030032.D
 Acq: 25 Feb 2024 17:19

Instrument :
 BNA_N
 ClientSampleId :
 PB159230BL

Tgt Ion:264 Resp: 5658
 Ion Ratio Lower Upper
 264 100
 260 28.1 21.2 31.8
 265 111.4 41.5 62.3#

