

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN120123\
 Data File : BN028971.D
 Acq On : 02 Dec 2023 06:51
 Operator : MA/JU
 Sample : PB157164BL
 Misc :
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 PB157164BL

Quant Time: Dec 03 08:11:22 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN113023.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Dec 01 23:11:55 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.789	152	2639	0.400	ng	0.00
7) Naphthalene-d8	10.573	136	7838	0.400	ng	-0.01
13) Acenaphthene-d10	14.417	164	3198	0.400	ng	0.00
19) Phenanthrene-d10	17.159	188	8969	0.400	ng	#-0.01
29) Chrysene-d12	21.365	240	6398	0.400	ng	# 0.00
35) Perylene-d12	23.687	264	574	0.400	ng	#-0.02
System Monitoring Compounds						
4) 2-Fluorophenol	5.413	112	2932	0.367	ng	0.00
5) Phenol-d6	7.002	99	3048	0.344	ng	0.00
8) Nitrobenzene-d5	8.961	82	2319	0.298	ng	-0.01
11) 2-Methylnaphthalene-d10	12.166	152	3801	0.302	ng	0.00
14) 2,4,6-Tribromophenol	15.917	330	742	0.343	ng	0.00
15) 2-Fluorobiphenyl	13.049	172	5293	0.383	ng	0.00
27) Fluoranthene-d10	19.199	212	7612	0.323	ng	0.00
31) Terphenyl-d14	19.808	244	6179	0.361	ng	0.00

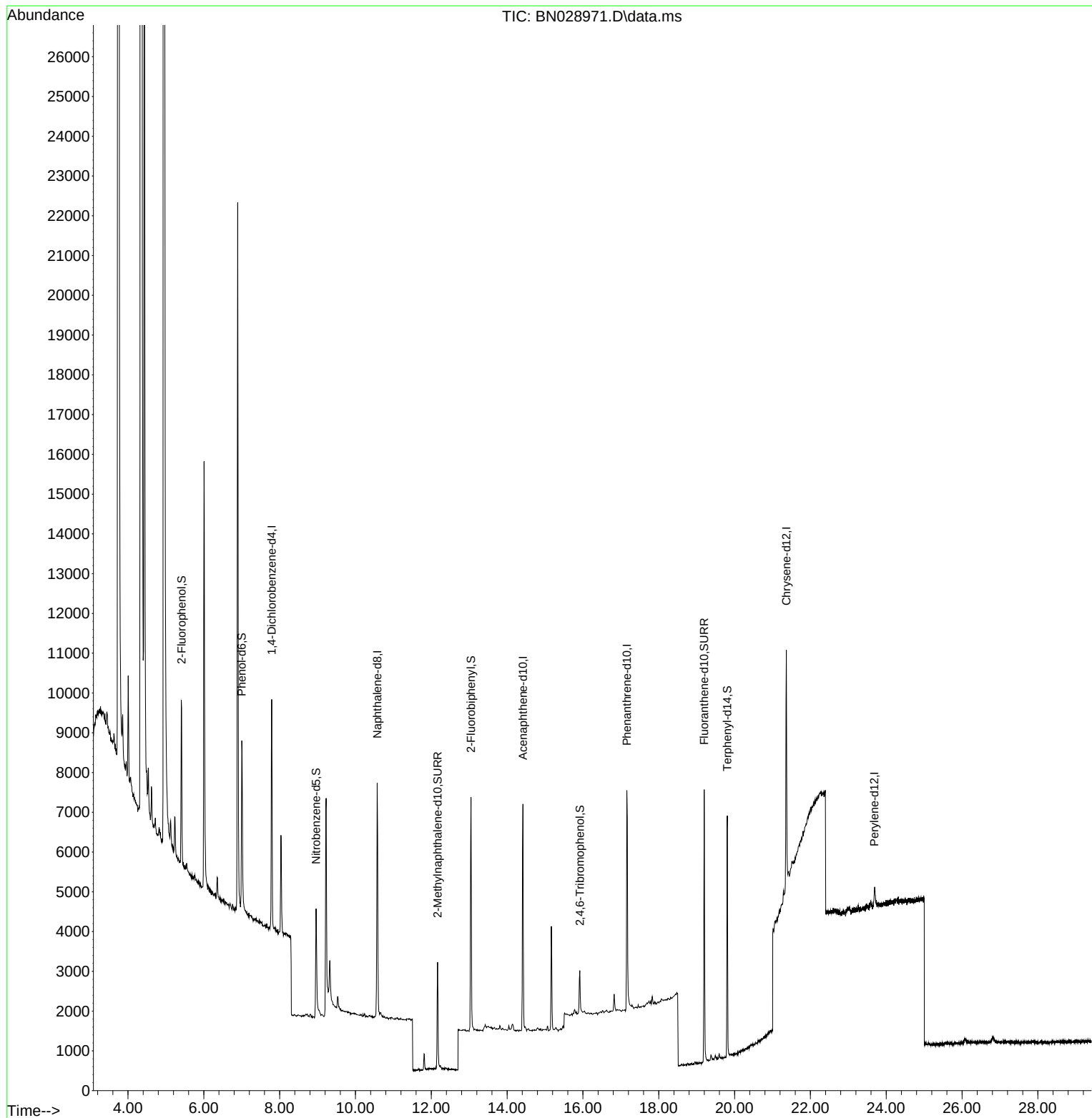
Target Compounds Qvalue

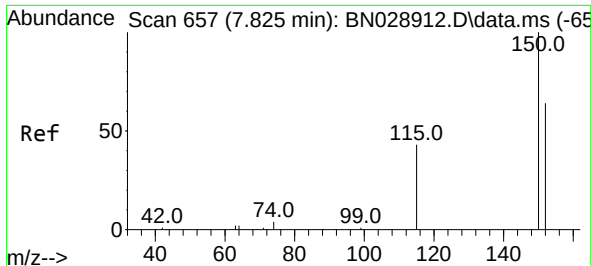
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Time: Dec 03 08:11:22 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN113023.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Dec 01 23:11:55 2023
Response via : Initial Calibration

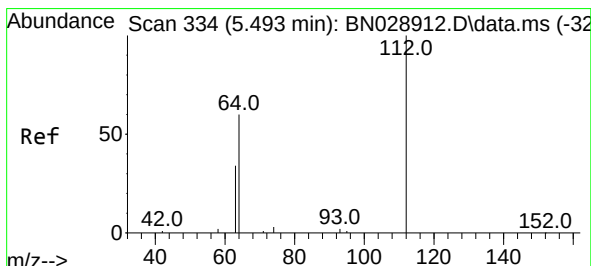
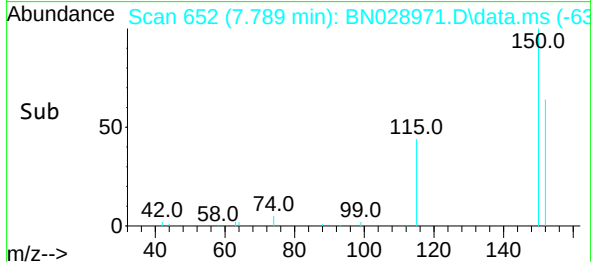
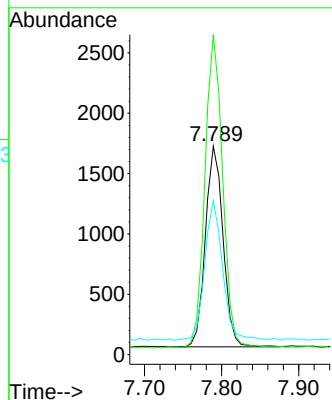
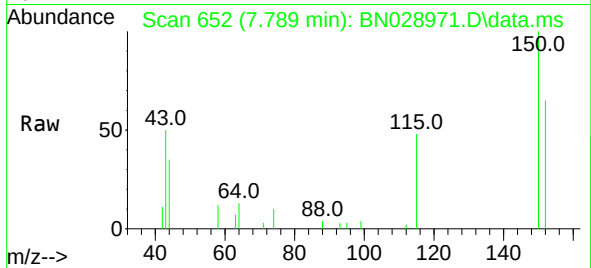




#1
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.789 min Scan# 61
Delta R.T. -0.008 min
Lab File: BN028971.D
Acq: 02 Dec 2023 06:51

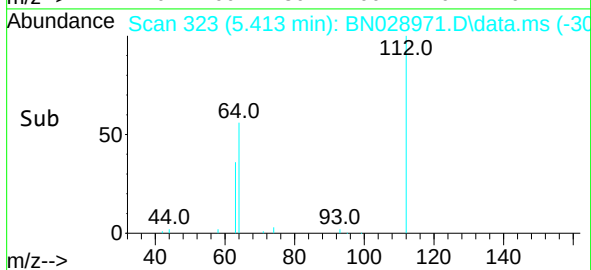
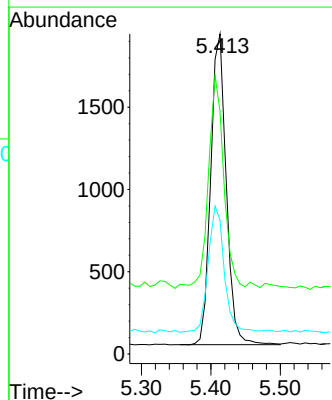
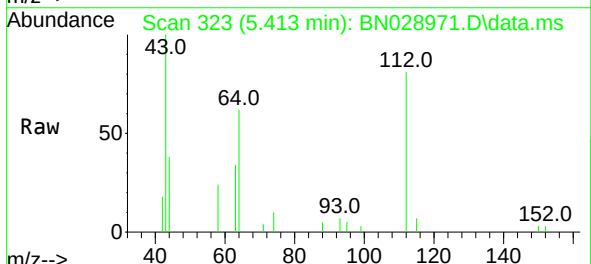
Instrument :
BNA_N
ClientSampleId :
PB157164BL

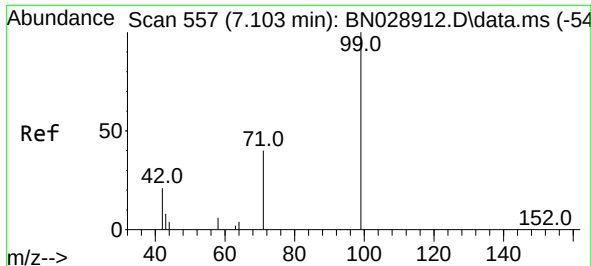
Tgt Ion:152 Resp: 2639
Ion Ratio Lower Upper
152 100
150 153.5 123.4 185.2
115 73.9 59.1 88.7



#4
2-Fluorophenol
Concen: 0.367 ng
RT: 5.413 min Scan# 323
Delta R.T. -0.000 min
Lab File: BN028971.D
Acq: 02 Dec 2023 06:51

Tgt Ion:112 Resp: 2932
Ion Ratio Lower Upper
112 100
64 67.9 51.5 77.3
63 41.9 30.4 45.6

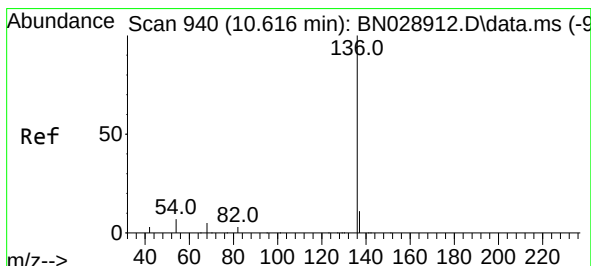
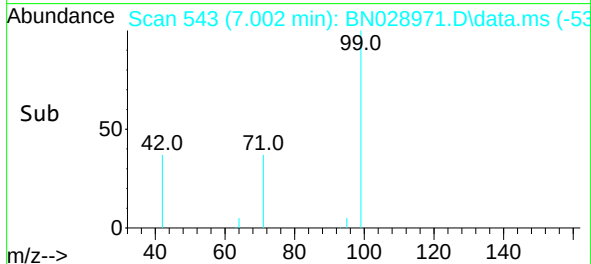
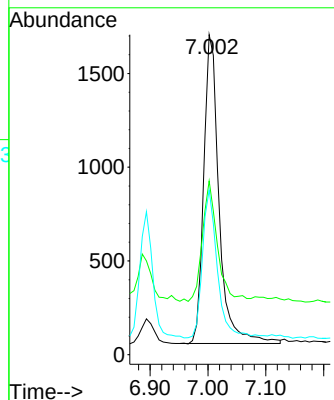
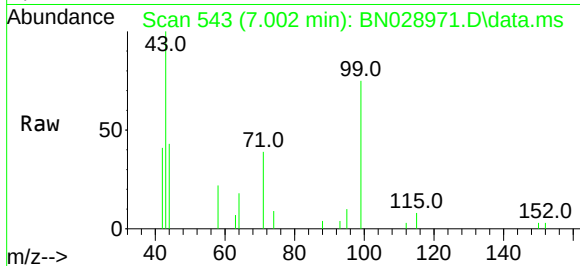




#5
Phenol-d6
Concen: 0.344 ng
RT: 7.002 min Scan# 54
Delta R.T. -0.008 min
Lab File: BN028971.D
Acq: 02 Dec 2023 06:51

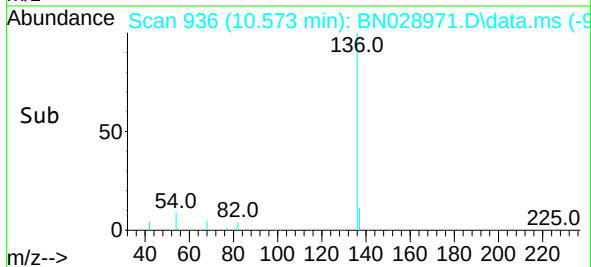
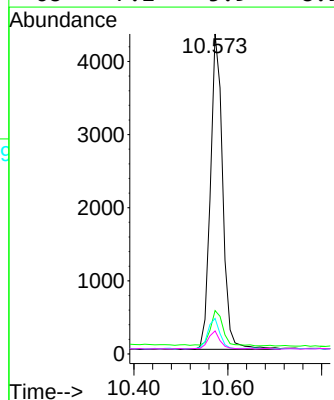
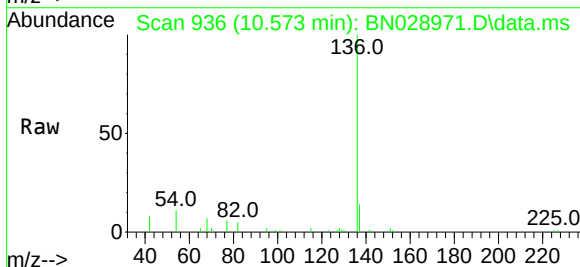
Instrument :
BNA_N
ClientSampleId :
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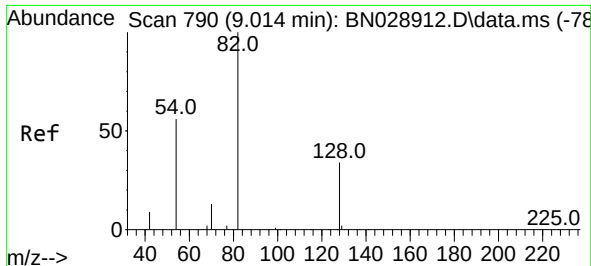
Tgt Ion: 99 Resp: 3048
Ion Ratio Lower Upper
99 100
42 38.1 21.2 31.8#
71 46.5 35.4 53.0



#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.573 min Scan# 936
Delta R.T. -0.011 min
Lab File: BN028971.D
Acq: 02 Dec 2023 06:51

Tgt Ion: 136 Resp: 7838
Ion Ratio Lower Upper
136 100
137 13.6 10.6 16.0
54 11.1 7.5 11.3
68 7.2 5.9 8.9

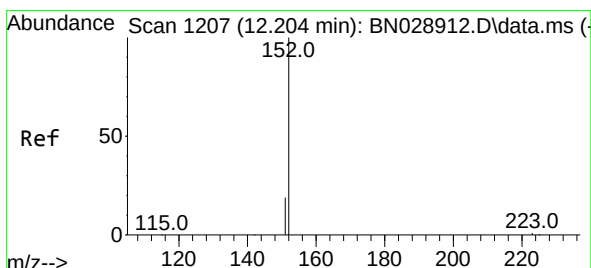
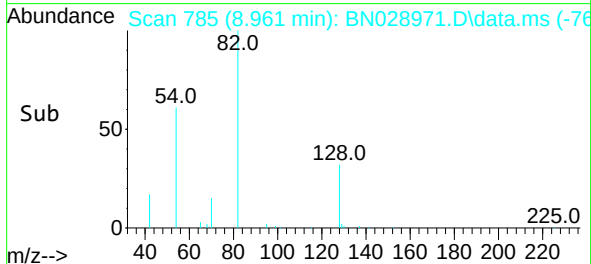
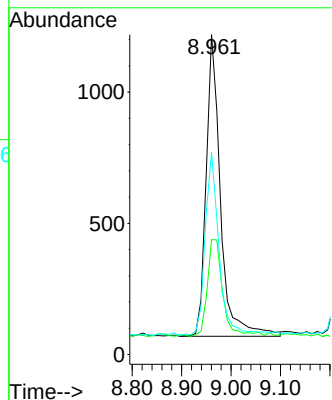
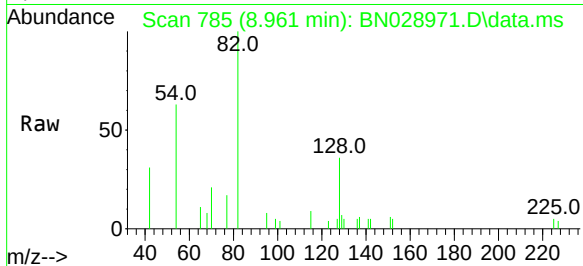




#8
 Nitrobenzene-d5
 Concen: 0.298 ng
 RT: 8.961 min Scan# 71
 Delta R.T. -0.011 min
 Lab File: BN028971.D
 Acq: 02 Dec 2023 06:51

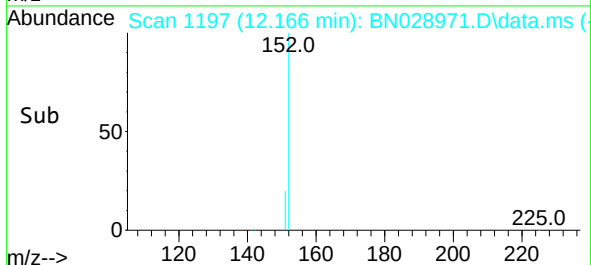
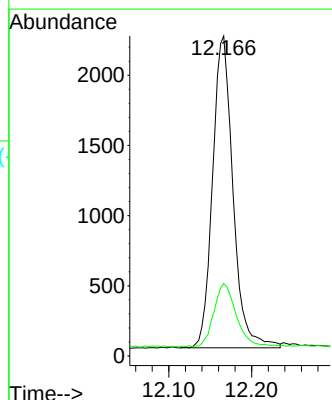
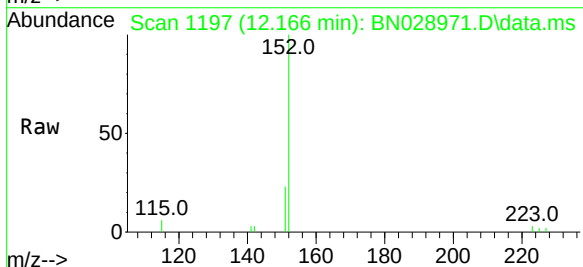
Instrument :
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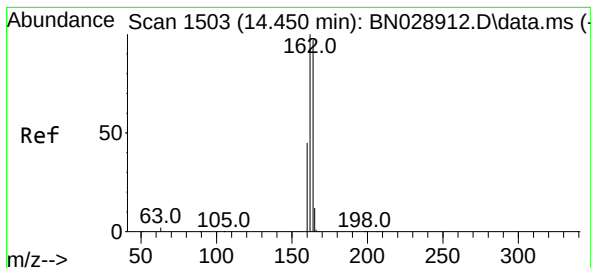
Tgt Ion: 82 Resp: 2319
 Ion Ratio Lower Upper
 82 100
 128 35.9 29.2 43.8
 54 63.2 47.0 70.6



#11
 2-Methylnaphthalene-d10
 Concen: 0.302 ng
 RT: 12.166 min Scan# 1197
 Delta R.T. -0.004 min
 Lab File: BN028971.D
 Acq: 02 Dec 2023 06:51

Tgt Ion: 152 Resp: 3801
 Ion Ratio Lower Upper
 152 100
 151 22.0 16.7 25.1





#13

Acenaphthene-d10

Concen: 0.400 ng

RT: 14.417 min Scan# 1

Delta R.T. -0.000 min

Lab File: BN028971.D

Acq: 02 Dec 2023 06:51

Instrument :

BNA_N

ClientSampleId :

PB157164BL

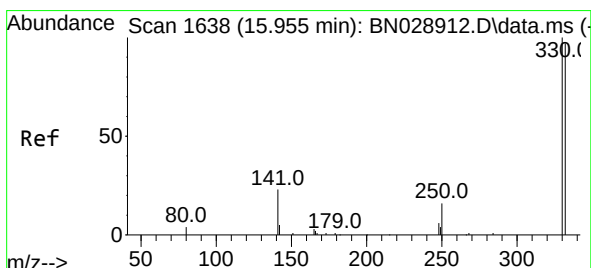
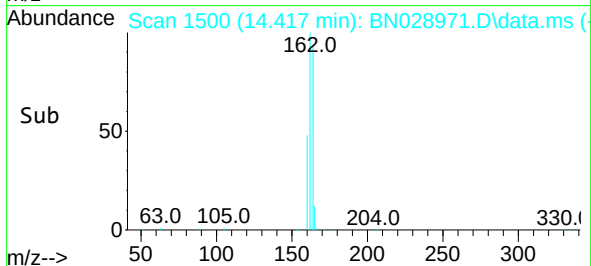
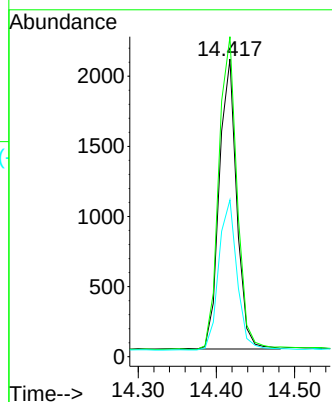
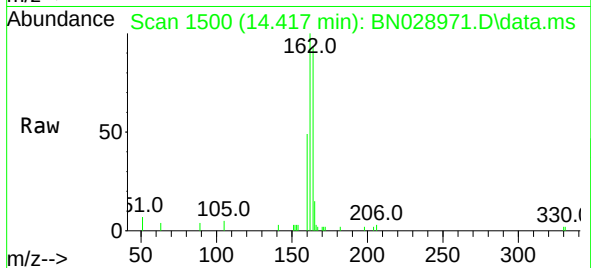
Tgt Ion:164 Resp: 3198

Ion Ratio Lower Upper

164 100

162 107.5 81.7 122.5

160 52.7 37.0 55.6



#14

2,4,6-Tribromophenol

Concen: 0.343 ng

RT: 15.917 min Scan# 1635

Delta R.T. -0.000 min

Lab File: BN028971.D

Acq: 02 Dec 2023 06:51

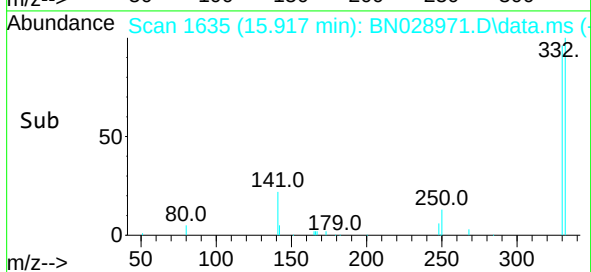
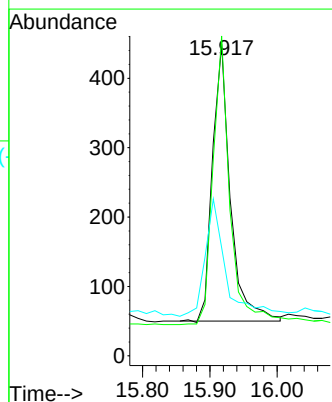
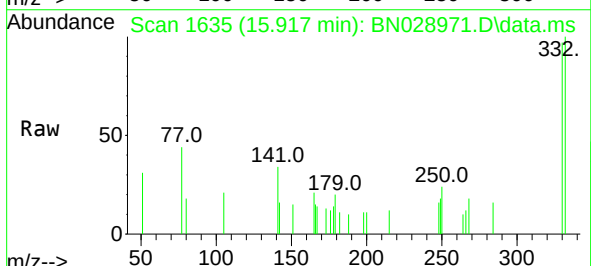
Tgt Ion:330 Resp: 742

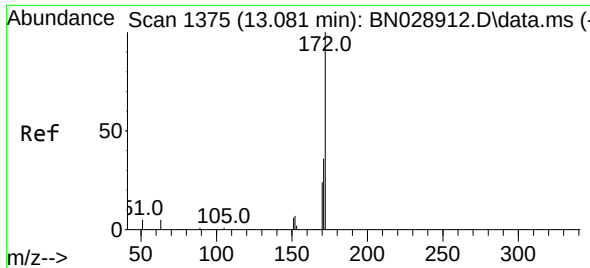
Ion Ratio Lower Upper

330 100

332 99.3 75.4 113.2

141 48.4 35.7 53.5

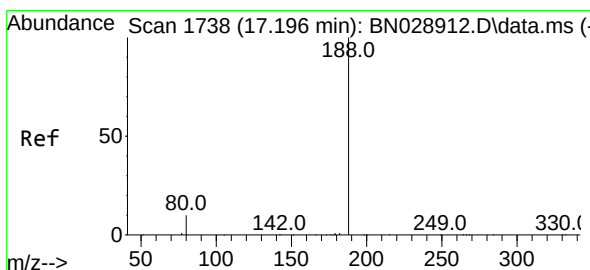
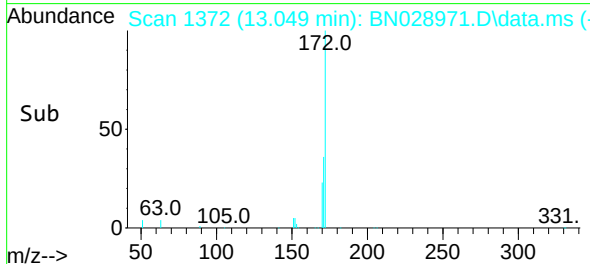
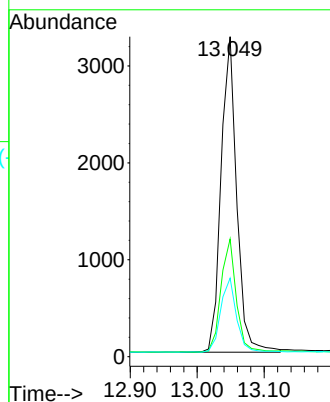
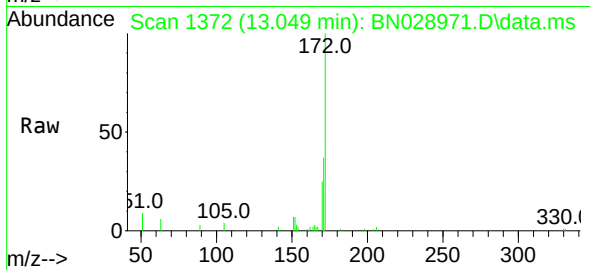




#15
2-Fluorobiphenyl
Concen: 0.383 ng
RT: 13.049 min Scan# 11
Delta R.T. -0.000 min
Lab File: BN028971.D
Acq: 02 Dec 2023 06:51

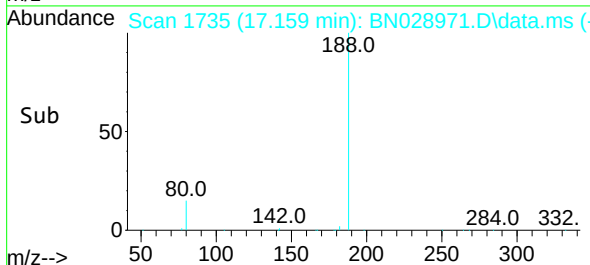
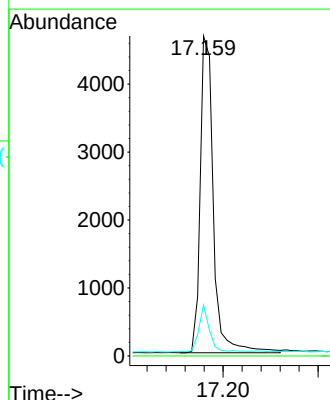
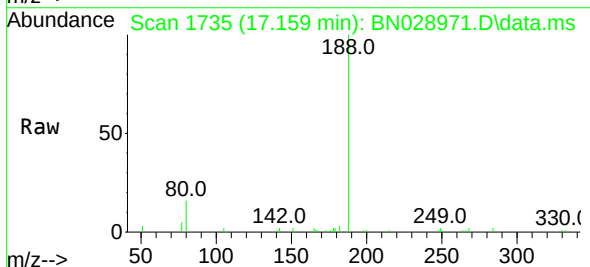
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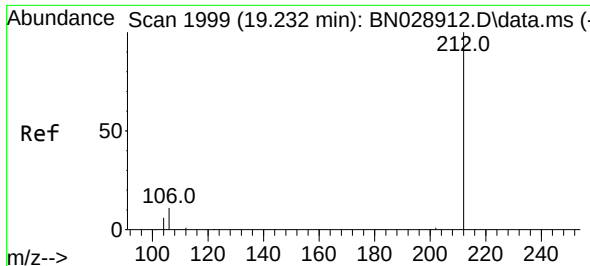
Tgt Ion:172 Resp: 5293
Ion Ratio Lower Upper
172 100
171 36.8 29.0 43.4
170 24.5 19.7 29.5



#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.159 min Scan# 1735
Delta R.T. -0.013 min
Lab File: BN028971.D
Acq: 02 Dec 2023 06:51

Tgt Ion:188 Resp: 8969
Ion Ratio Lower Upper
188 100
94 0.0 0.0 0.0
80 15.9 9.0 13.6#

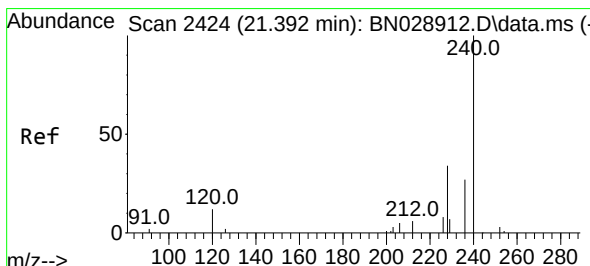
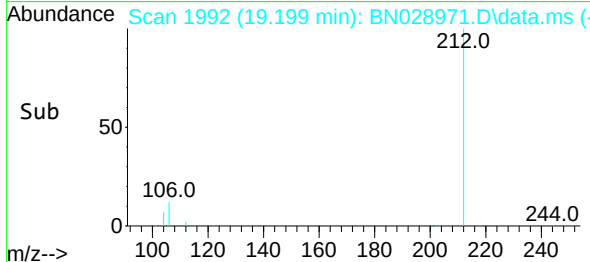
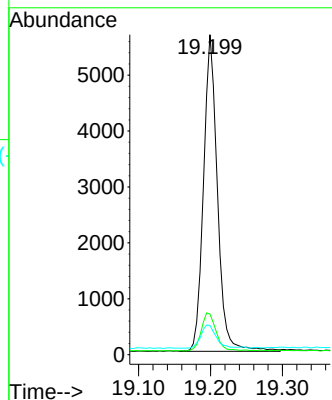
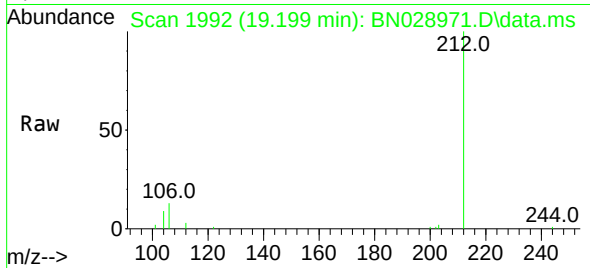




#27
Fluoranthene-d10
Concen: 0.323 ng
RT: 19.199 min Scan# 1992
Delta R.T. -0.010 min
Lab File: BN028971.D
Acq: 02 Dec 2023 06:51

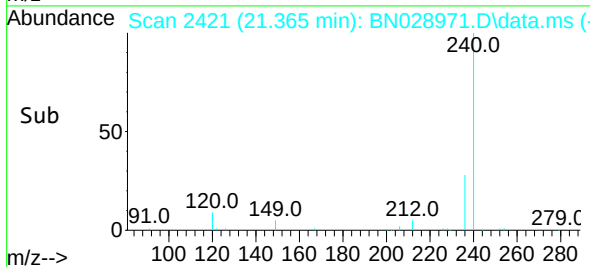
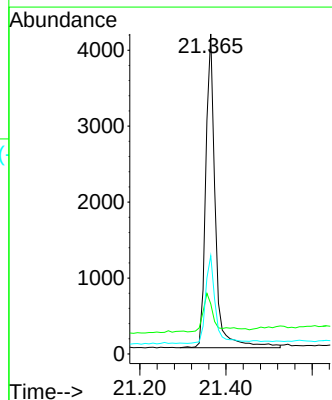
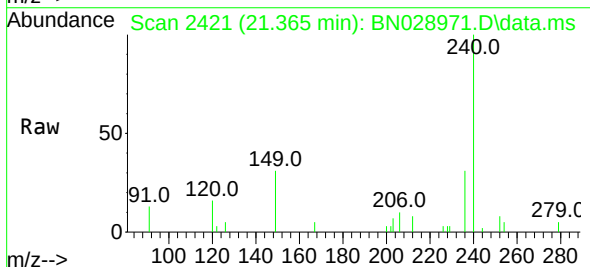
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ClientSampleId :
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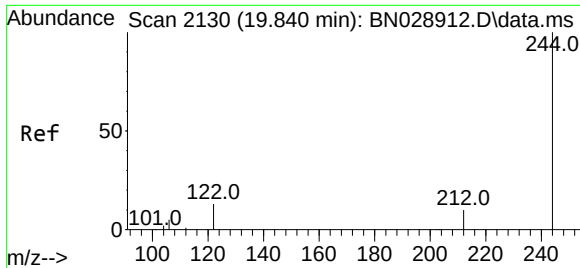
Tgt Ion:212 Resp: 7612
Ion Ratio Lower Upper
212 100
106 12.6 9.4 14.2
104 8.0 6.2 9.2



#29
Chrysene-d12
Concen: 0.400 ng
RT: 21.365 min Scan# 2421
Delta R.T. -0.009 min
Lab File: BN028971.D
Acq: 02 Dec 2023 06:51

Tgt Ion:240 Resp: 6398
Ion Ratio Lower Upper
240 100
120 15.6 37.1 55.7#
236 30.7 32.4 48.6#

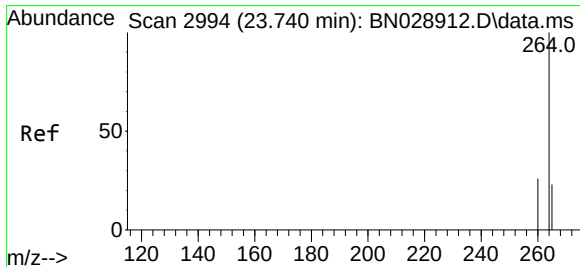
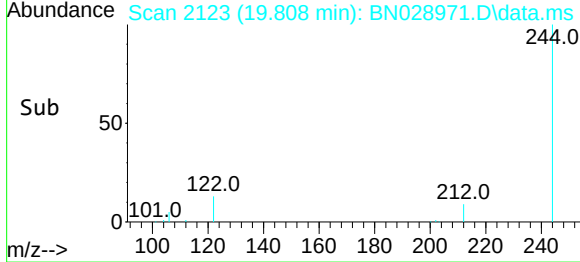
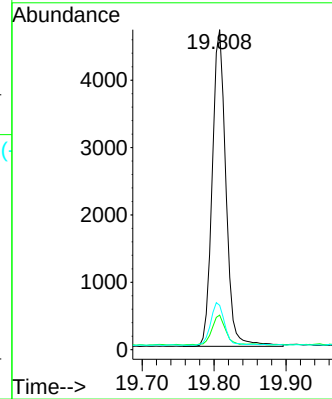
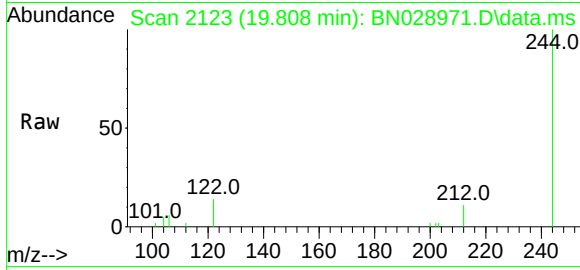




#31
Terphenyl-d14
Concen: 0.361 ng
RT: 19.808 min Scan# 2130
Delta R.T. -0.010 min
Lab File: BN028971.D
Acq: 02 Dec 2023 06:51

Instrument :
BNA_N
ClientSampleId :
PB157164BL

Tgt Ion:244 Resp: 6179
Ion Ratio Lower Upper
244 100
212 10.8 11.5 17.3#
122 13.9 13.2 19.8



#35
Perylene-d12
Concen: 0.400 ng
RT: 23.687 min Scan# 2976
Delta R.T. -0.021 min
Lab File: BN028971.D
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Tgt Ion:264 Resp: 574
Ion Ratio Lower Upper
264 100
260 51.9 20.6 30.8#
265 640.1 464.5 696.7

