

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN120323\
 Data File : BN029034.D
 Acq On : 04 Dec 2023 00:03
 Operator : MA/JU
 Sample : 05425-06
 Misc :
 ALS Vial : 89 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 FB20231114

Quant Time: Dec 04 02:23:38 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN113023.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Dec 04 00:28:48 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.775	152	2000	0.400	ng	0.00
7) Naphthalene-d8	10.552	136	5556	0.400	ng	#-0.01
13) Acenaphthene-d10	14.396	164	3337	0.400	ng	-0.01
19) Phenanthrene-d10	17.147	188	6840	0.400	ng	-0.01
29) Chrysene-d12	21.347	240	5578	0.400	ng	# 0.00
35) Perylene-d12	23.667	264	5312	0.400	ng	# 0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.392	112	631	0.104	ng	0.00
5) Phenol-d6	6.988	99	390	0.058	ng	0.00
8) Nitrobenzene-d5	8.939	82	1801	0.326	ng	-0.01
11) 2-Methylnaphthalene-d10	12.144	152	2676	0.300	ng	0.00
14) 2,4,6-Tribromophenol	15.905	330	162	0.072	ng	0.00
15) 2-Fluorobiphenyl	13.028	172	4782	0.332	ng	-0.01
27) Fluoranthene-d10	19.181	212	6840	0.380	ng	0.00
31) Terphenyl-d14	19.794	244	6490	0.405	ng	0.00

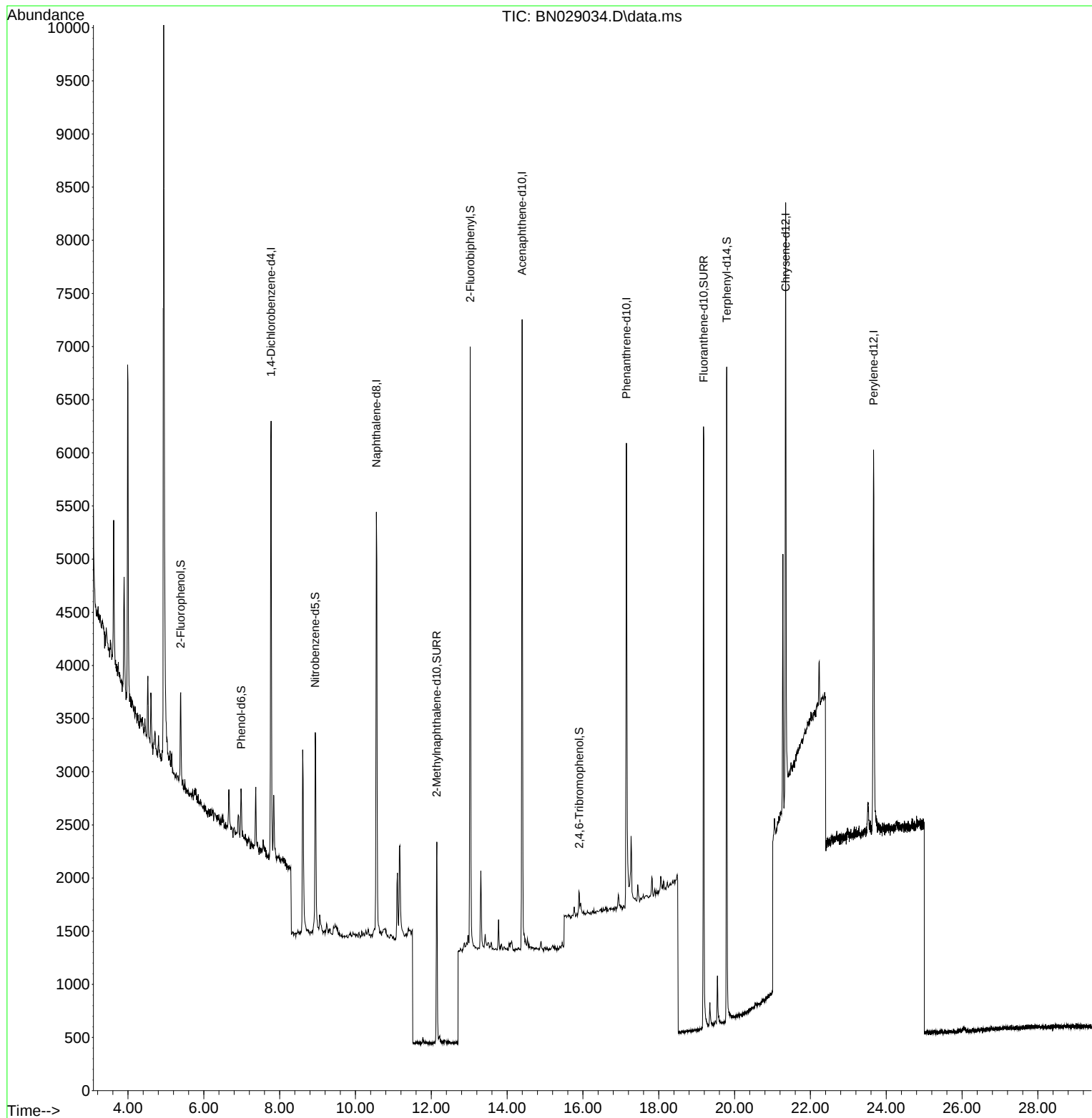
Target Compounds Qvalue

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

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Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN113023.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Dec 04 00:28:48 2023
Response via : Initial Calibration

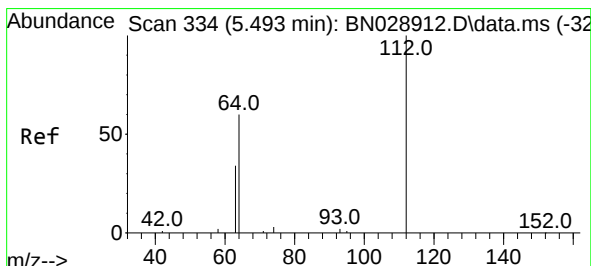
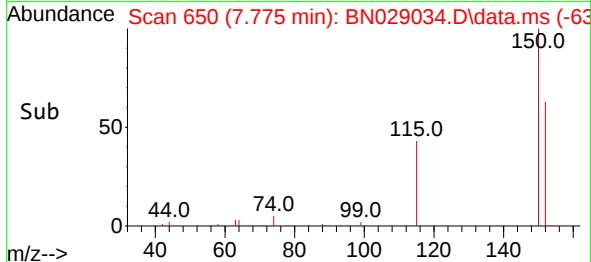
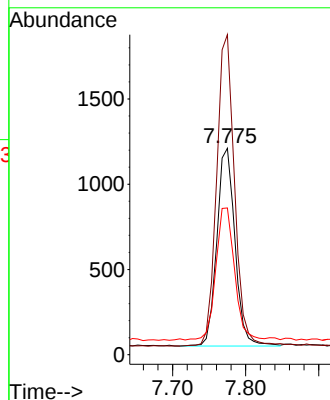
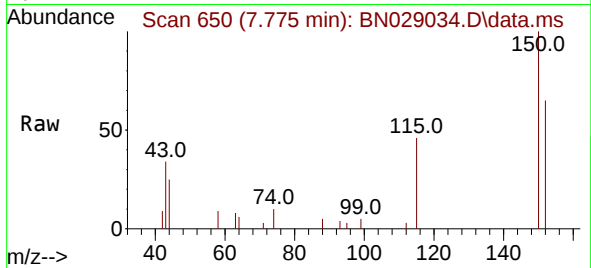




#1
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.775 min Scan# 61
Delta R.T. -0.007 min
Lab File: BN029034.D
Acq: 04 Dec 2023 00:03

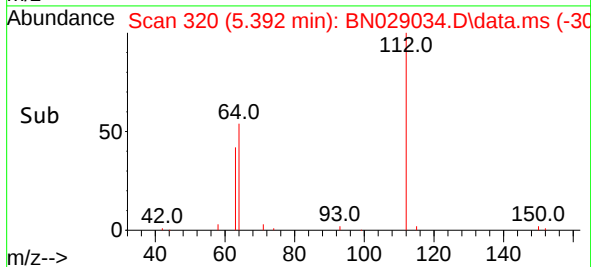
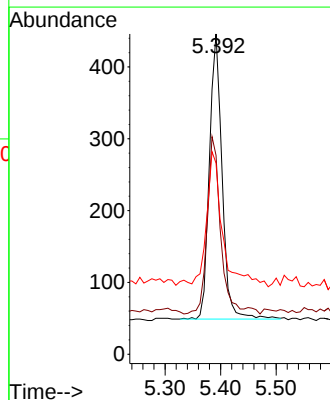
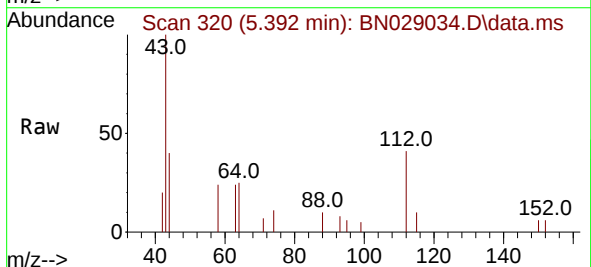
Instrument :
BNA_N
ClientSampleId :
FB20231114

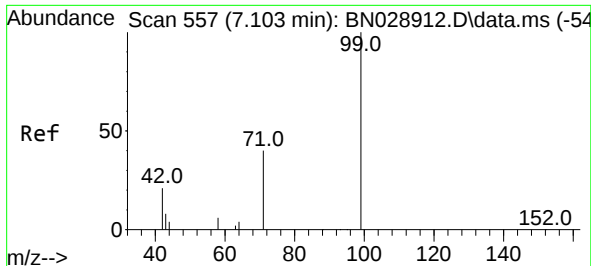
Tgt Ion:152 Resp: 2000
Ion Ratio Lower Upper
152 100
150 155.0 123.4 185.2
115 71.1 59.1 88.7



#4
2-Fluorophenol
Concen: 0.104 ng
RT: 5.392 min Scan# 320
Delta R.T. -0.007 min
Lab File: BN029034.D
Acq: 04 Dec 2023 00:03

Tgt Ion:112 Resp: 631
Ion Ratio Lower Upper
112 100
64 65.0 51.5 77.3
63 59.4 30.4 45.6#

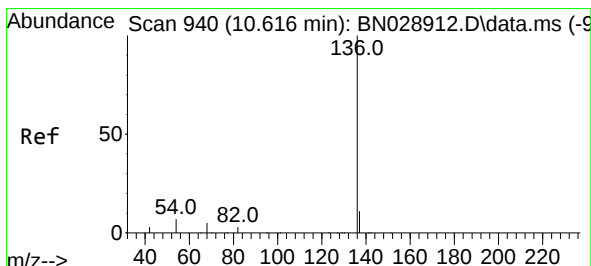
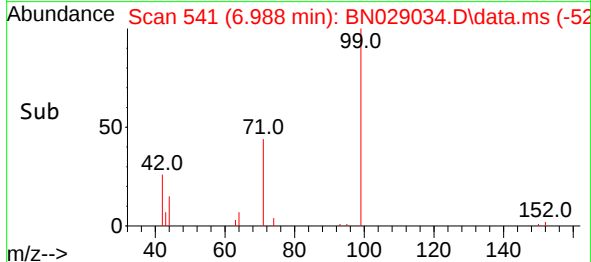
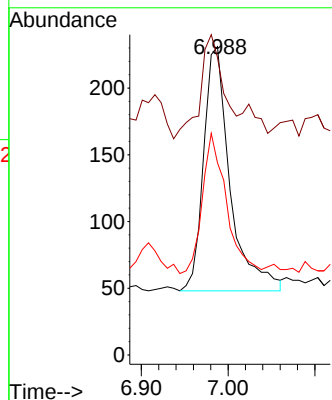
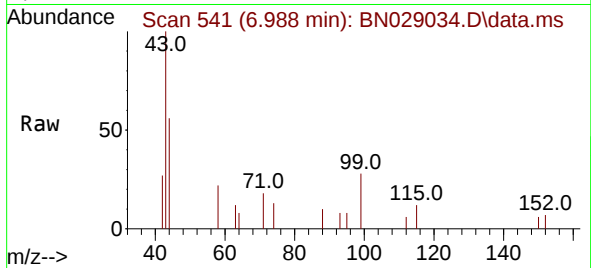




#5
Phenol-d6
Concen: 0.058 ng
RT: 6.988 min Scan# 541
Delta R.T. -0.000 min
Lab File: BN029034.D
Acq: 04 Dec 2023 00:03

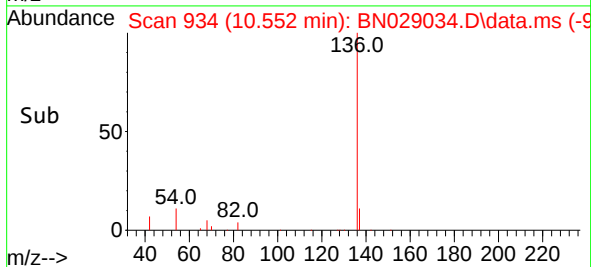
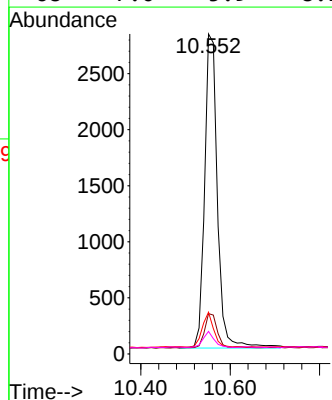
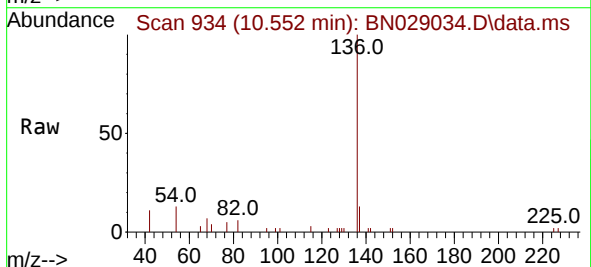
Instrument :
BNA_N
ClientSampleId :
FB20231114

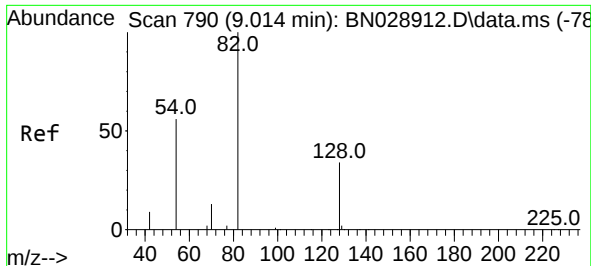
Tgt Ion: 99 Resp: 390
Ion Ratio Lower Upper
99 100
42 36.9 21.2 31.8#
71 51.5 35.4 53.0



#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.552 min Scan# 934
Delta R.T. -0.011 min
Lab File: BN029034.D
Acq: 04 Dec 2023 00:03

Tgt Ion: 136 Resp: 5556
Ion Ratio Lower Upper
136 100
137 12.6 10.6 16.0
54 13.0 7.5 11.3#
68 7.0 5.9 8.9

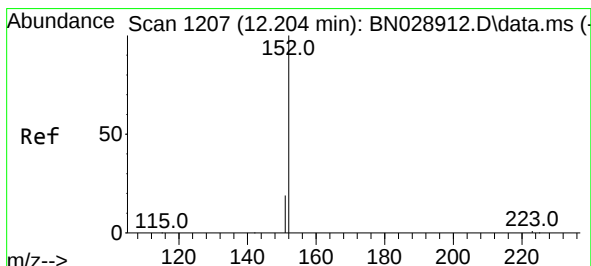
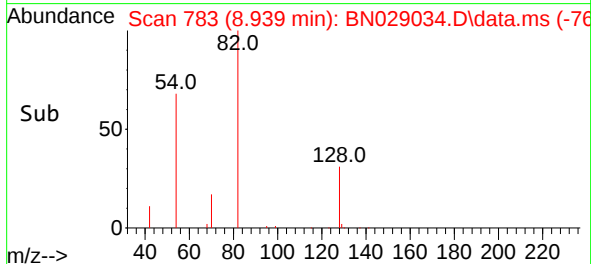
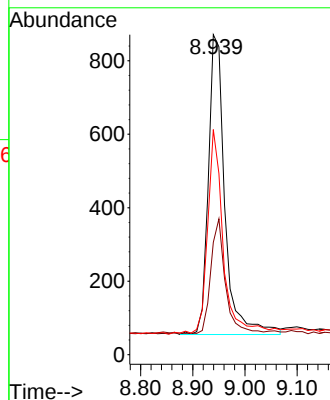
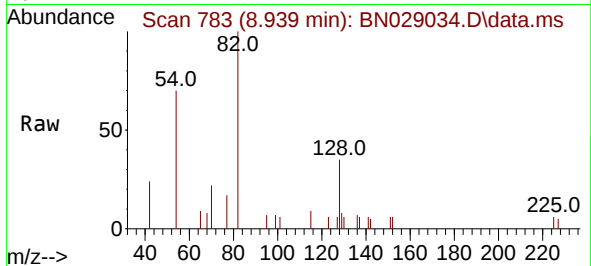




#8
 Nitrobenzene-d5
 Concen: 0.326 ng
 RT: 8.939 min Scan# 711
 Delta R.T. -0.011 min
 Lab File: BN029034.D
 Acq: 04 Dec 2023 00:03

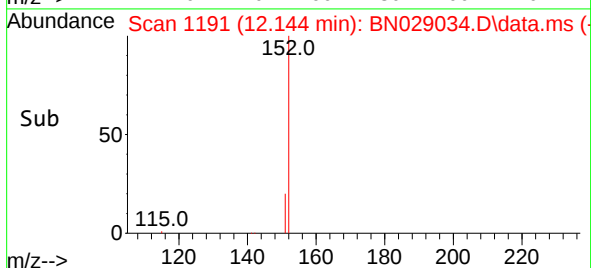
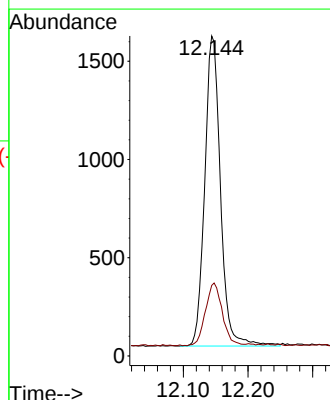
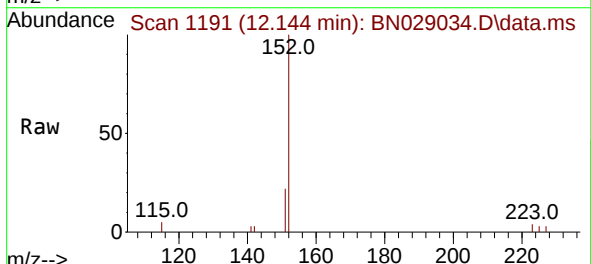
Instrument :
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 ClientSampleId :
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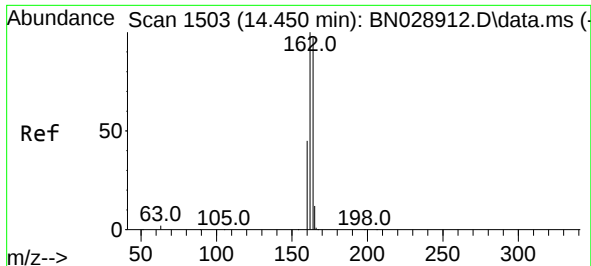
Tgt Ion: 82 Resp: 1801
 Ion Ratio Lower Upper
 82 100
 128 35.1 29.2 43.8
 54 70.4 47.0 70.6



#11
 2-Methylnaphthalene-d10
 Concen: 0.300 ng
 RT: 12.144 min Scan# 1191
 Delta R.T. -0.008 min
 Lab File: BN029034.D
 Acq: 04 Dec 2023 00:03

Tgt Ion: 152 Resp: 2676
 Ion Ratio Lower Upper
 152 100
 151 21.6 16.7 25.1

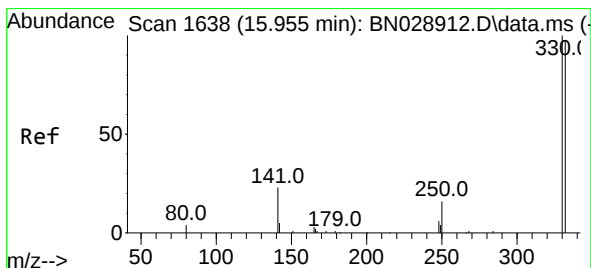
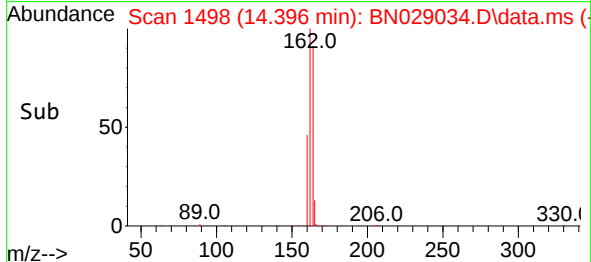
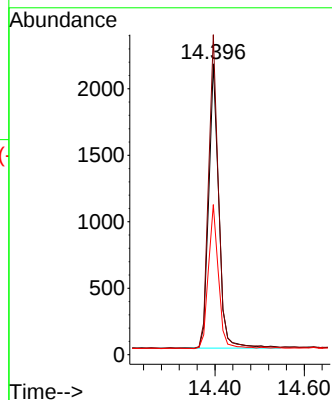
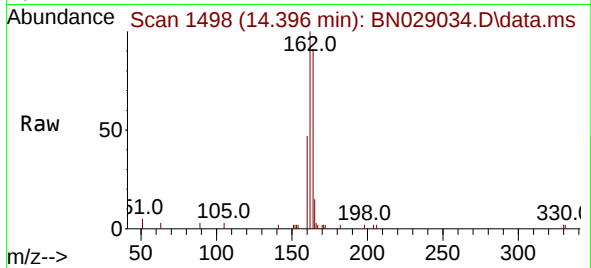




#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.396 min Scan# 14
Delta R.T. -0.011 min
Lab File: BN029034.D
Acq: 04 Dec 2023 00:03

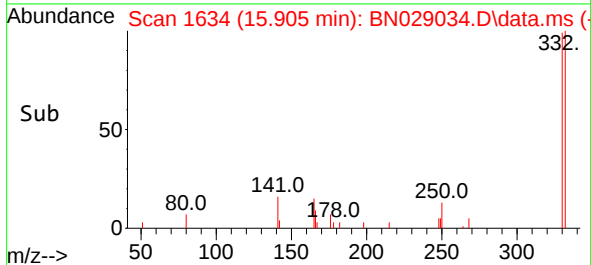
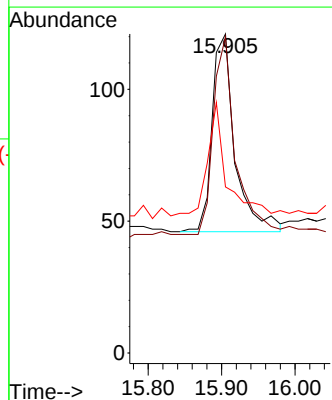
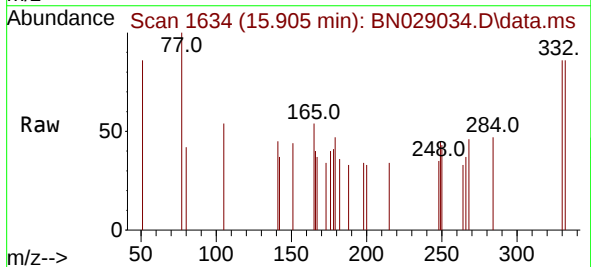
Instrument :
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ClientSampleId :
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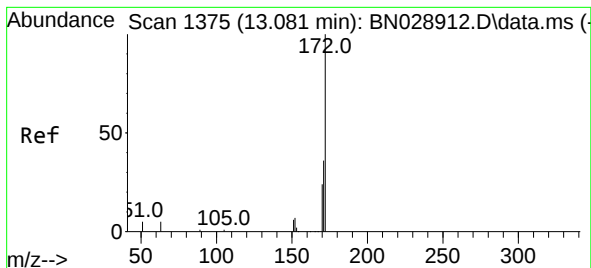
Tgt Ion:164 Resp: 3337
Ion Ratio Lower Upper
164 100
162 110.0 81.7 122.5
160 51.6 37.0 55.6



#14
2,4,6-Tribromophenol
Concen: 0.072 ng
RT: 15.905 min Scan# 1634
Delta R.T. -0.000 min
Lab File: BN029034.D
Acq: 04 Dec 2023 00:03

Tgt Ion:330 Resp: 162
Ion Ratio Lower Upper
330 100
332 97.5 75.4 113.2
141 42.6 35.7 53.5





#15

2-Fluorobiphenyl

Concen: 0.332 ng

RT: 13.028 min Scan# 11

Delta R.T. -0.011 min

Lab File: BN029034.D

Acq: 04 Dec 2023 00:03

Instrument :

BNA_N

ClientSampleId :

FB20231114

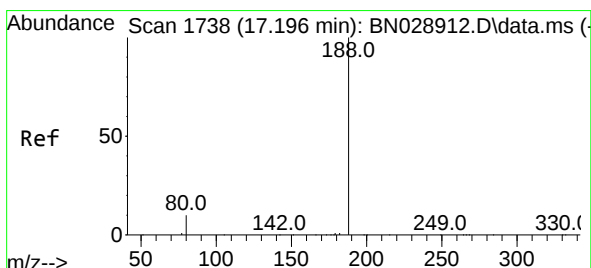
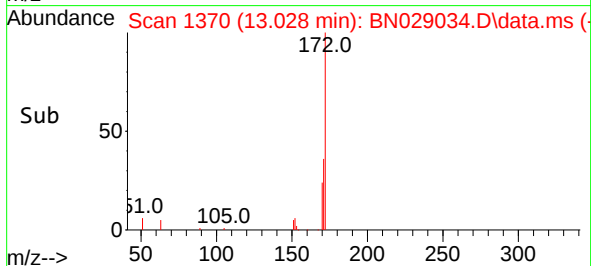
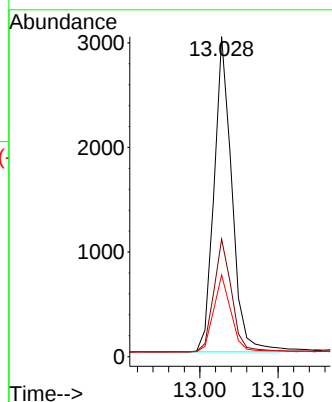
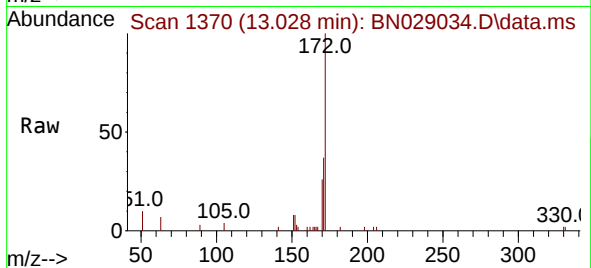
Tgt Ion:172 Resp: 4782

Ion Ratio Lower Upper

172 100

171 36.7 29.0 43.4

170 25.6 19.7 29.5



#19

Phenanthrene-d10

Concen: 0.400 ng

RT: 17.147 min Scan# 1734

Delta R.T. -0.012 min

Lab File: BN029034.D

Acq: 04 Dec 2023 00:03

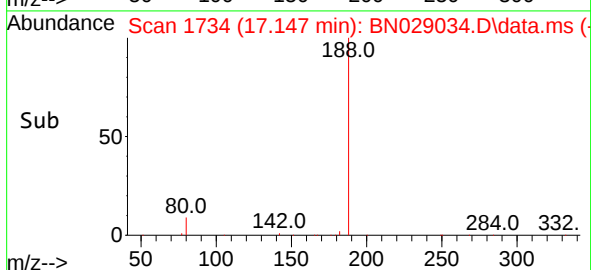
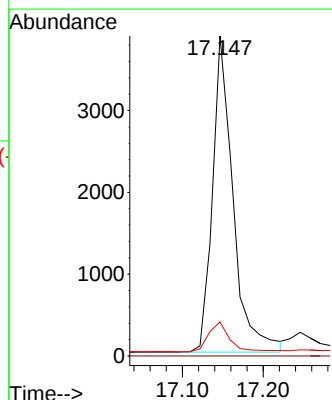
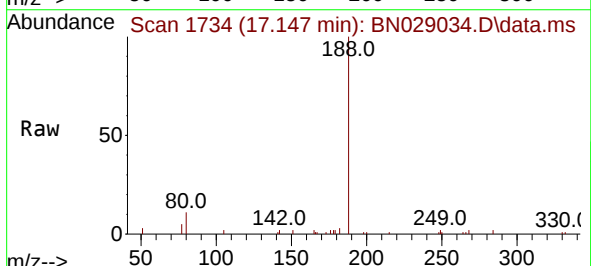
Tgt Ion:188 Resp: 6840

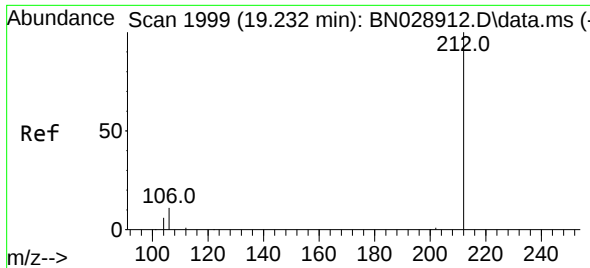
Ion Ratio Lower Upper

188 100

94 0.0 0.0 0.0

80 10.7 9.0 13.6

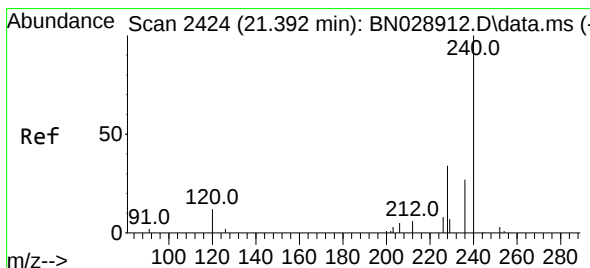
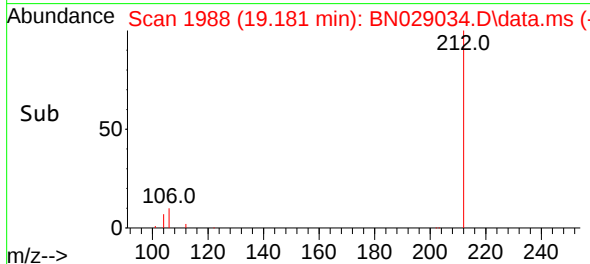
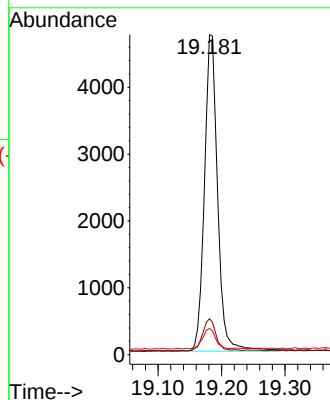
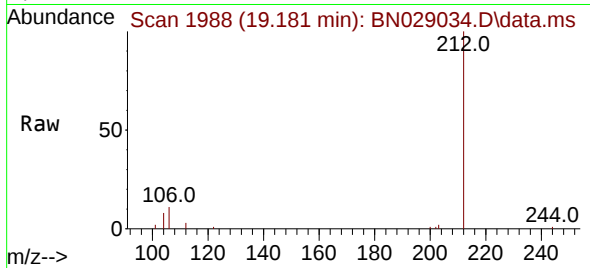




#27
Fluoranthene-d10
Concen: 0.380 ng
RT: 19.181 min Scan# 1919
Delta R.T. -0.009 min
Lab File: BN029034.D
Acq: 04 Dec 2023 00:03

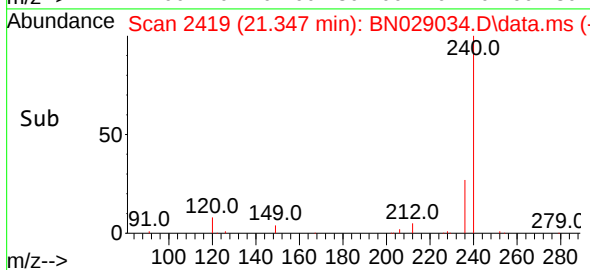
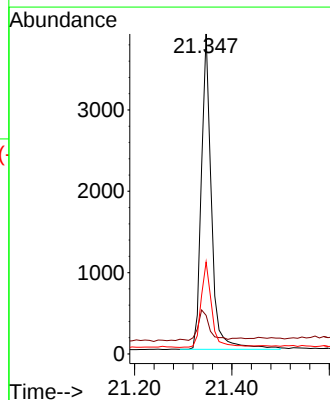
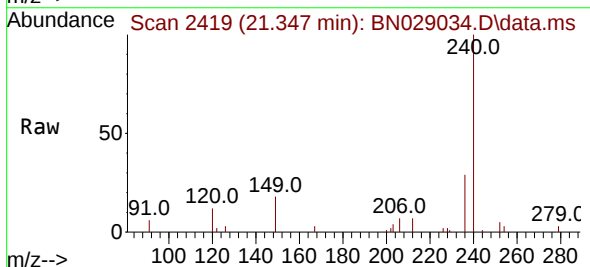
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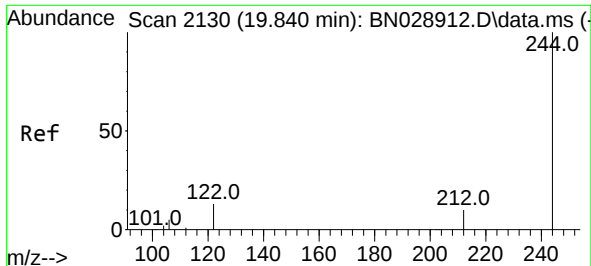
Tgt Ion:212 Resp: 6840
Ion Ratio Lower Upper
212 100
106 10.1 9.4 14.2
104 6.3 6.2 9.2



#29
Chrysene-d12
Concen: 0.400 ng
RT: 21.347 min Scan# 2419
Delta R.T. -0.000 min
Lab File: BN029034.D
Acq: 04 Dec 2023 00:03

Tgt Ion:240 Resp: 5578
Ion Ratio Lower Upper
240 100
120 12.1 37.1 55.7#
236 28.7 32.4 48.6#

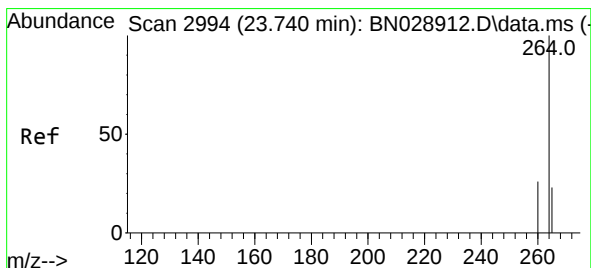
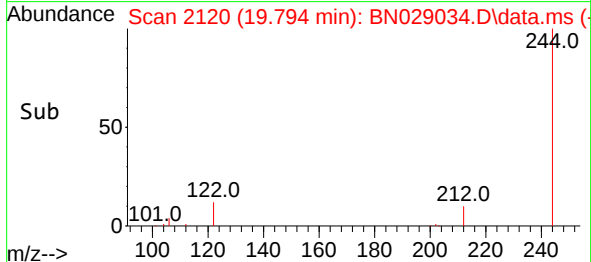
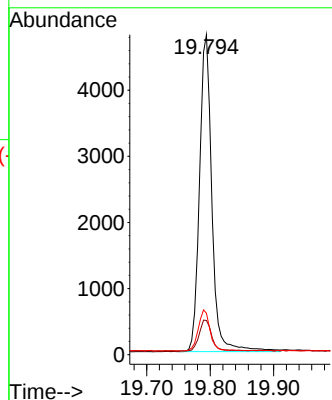
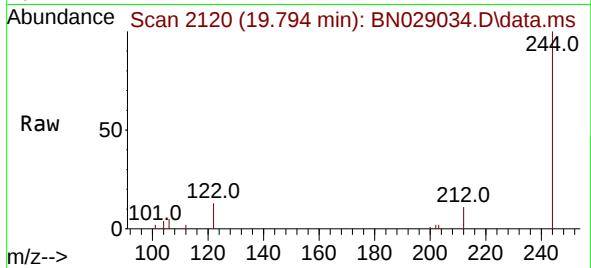




#31
Terphenyl-d14
Concen: 0.405 ng
RT: 19.794 min Scan# 2110
Delta R.T. -0.000 min
Lab File: BN029034.D
Acq: 04 Dec 2023 00:03

Instrument :
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Tgt Ion:244 Resp: 6490
Ion Ratio Lower Upper
244 100
212 10.7 11.5 17.3#
122 13.0 13.2 19.8#



#35
Perylene-d12
Concen: 0.400 ng
RT: 23.667 min Scan# 2969
Delta R.T. -0.003 min
Lab File: BN029034.D
Acq: 04 Dec 2023 00:03

Tgt Ion:264 Resp: 5312
Ion Ratio Lower Upper
264 100
260 26.8 20.6 30.8
265 71.5 464.5 696.7#

