

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN120323\
 Data File : BN029015.D
 Acq On : 03 Dec 2023 11:34
 Operator : MA/JU
 Sample : 05404-07
 Misc :
 ALS Vial : 69 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 DUP06-20231109

Quant Time: Dec 04 00:42:47 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)

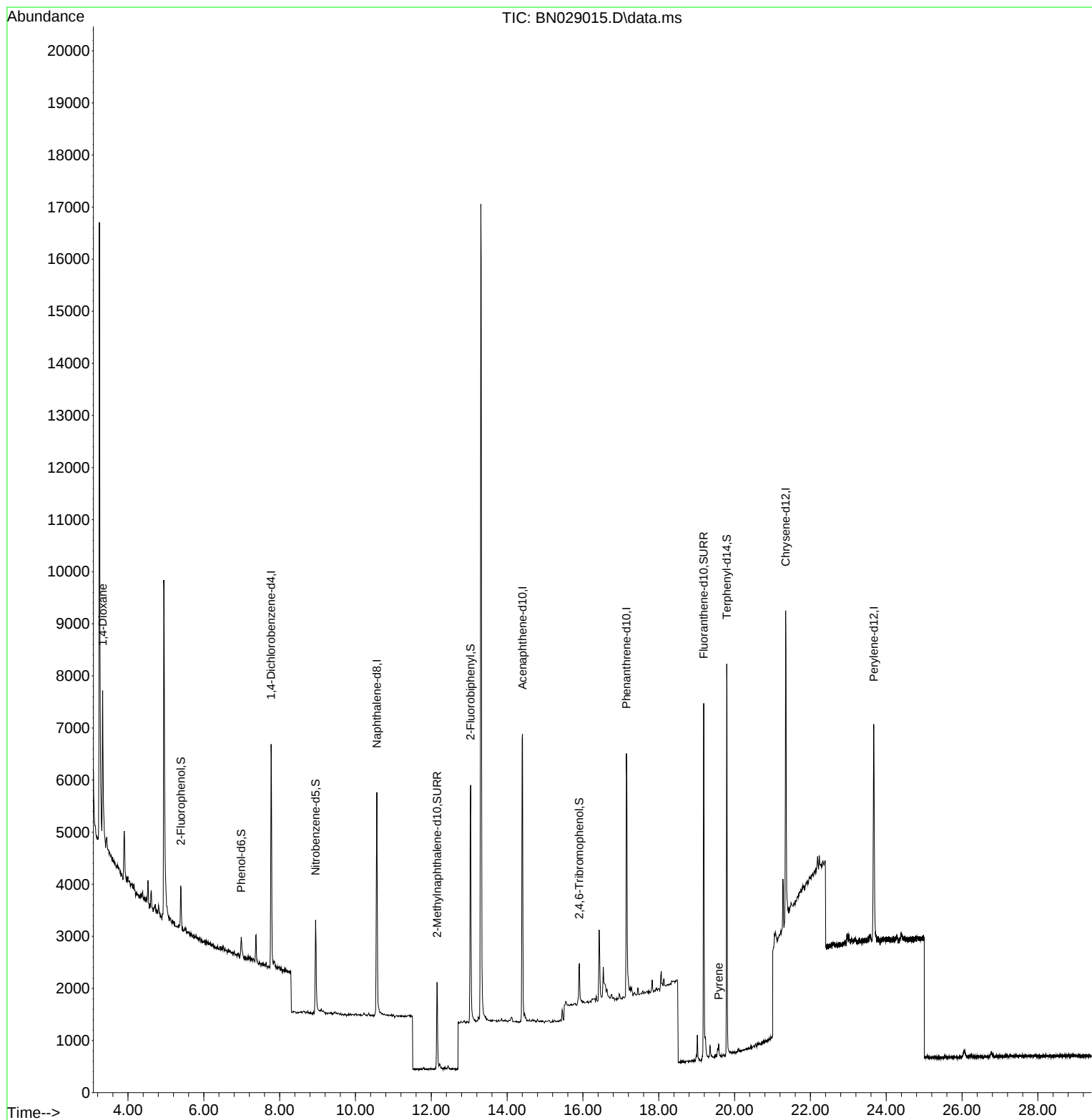
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.775	152	2066	0.400	ng	0.00
7) Naphthalene-d8	10.562	136	5804	0.400	ng	0.00
13) Acenaphthene-d10	14.407	164	3668	0.400	ng	0.00
19) Phenanthrene-d10	17.146	188	7702	0.400	ng	#-0.01
29) Chrysene-d12	21.347	240	6157	0.400	ng	# 0.00
35) Perylene-d12	23.672	264	5962	0.400	ng	# 0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.399	112	552	0.088	ng	0.00
5) Phenol-d6	6.988	99	373	0.054	ng	0.00
8) Nitrobenzene-d5	8.950	82	1664	0.288	ng	0.00
11) 2-Methylnaphthalene-d10	12.151	152	2486	0.267	ng	0.00
14) 2,4,6-Tribromophenol	15.905	330	584	0.236	ng	0.00
15) 2-Fluorobiphenyl	13.038	172	4370	0.276	ng	0.00
27) Fluoranthene-d10	19.185	212	8101	0.400	ng	0.00
31) Terphenyl-d14	19.794	244	7513	0.418	ng	0.00
Target Compounds						
2) 1,4-Dioxane	3.333	88	2009	0.993	ng	# 91
30) Pyrene	19.580	202	217	0.099	ng	# 92

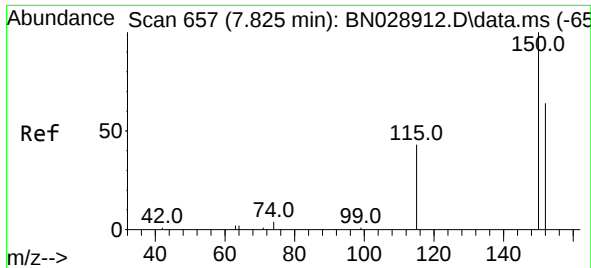
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Time: Dec 04 00:42:47 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

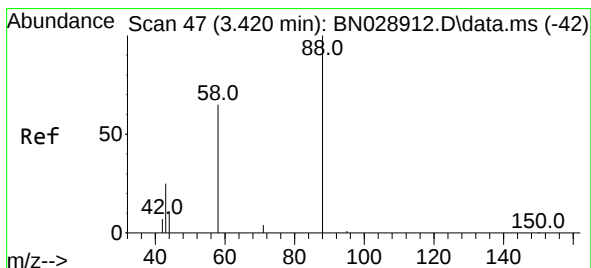
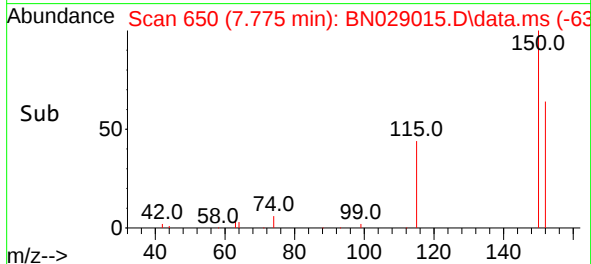
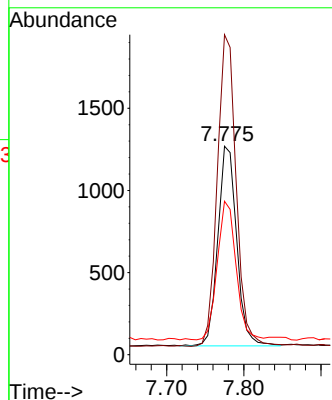
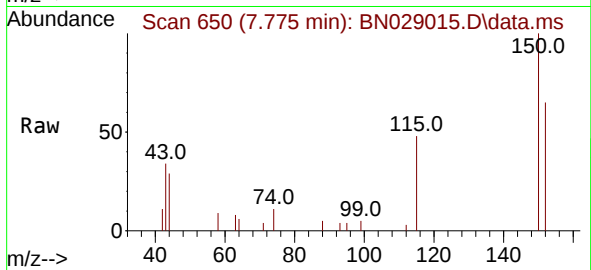




#1
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.775 min Scan# 61
Delta R.T. -0.007 min
Lab File: BN029015.D
Acq: 03 Dec 2023 11:34

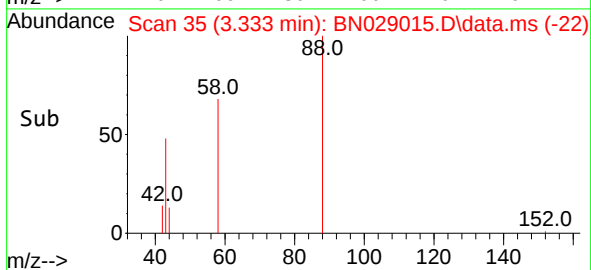
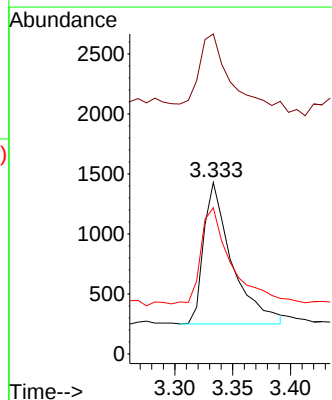
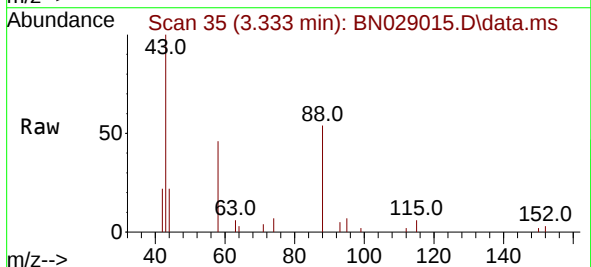
Instrument :
BNA_N
ClientSampleId :
DUP06-20231109

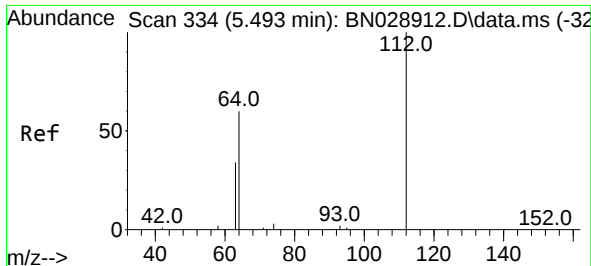
Tgt Ion:152 Resp: 2066
Ion Ratio Lower Upper
152 100
150 153.5 123.4 185.2
115 73.6 59.1 88.7



#2
1,4-Dioxane
Concen: 0.993 ng
RT: 3.333 min Scan# 35
Delta R.T. -0.007 min
Lab File: BN029015.D
Acq: 03 Dec 2023 11:34

Tgt Ion: 88 Resp: 2009
Ion Ratio Lower Upper
88 100
43 48.6 29.9 44.9#
58 71.8 55.0 82.4

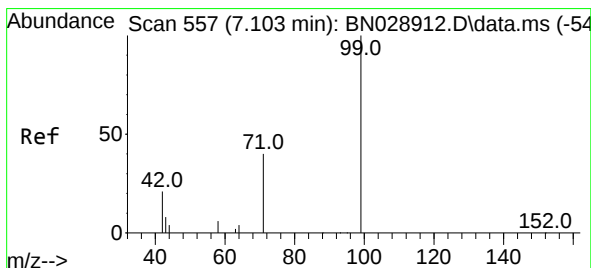
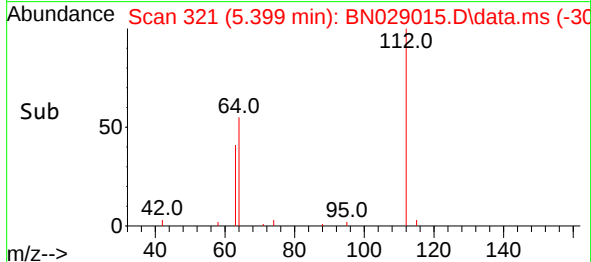
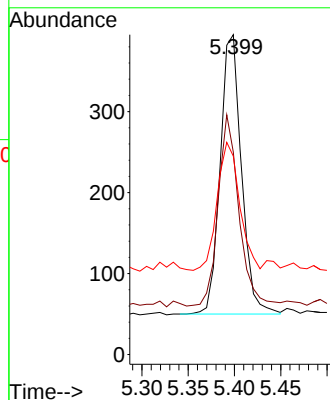
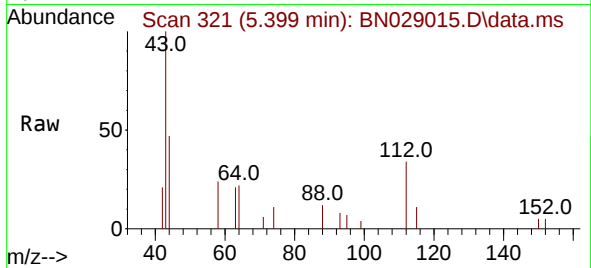




#4
2-Fluorophenol
Concen: 0.088 ng
RT: 5.399 min Scan# 31
Delta R.T. -0.000 min
Lab File: BN029015.D
Acq: 03 Dec 2023 11:34

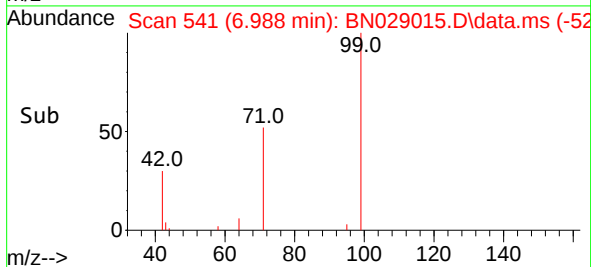
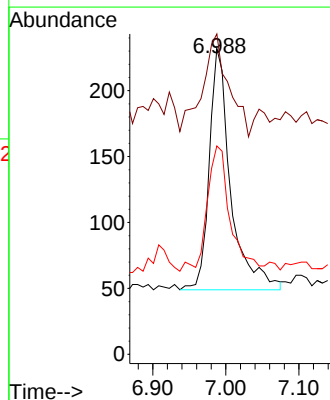
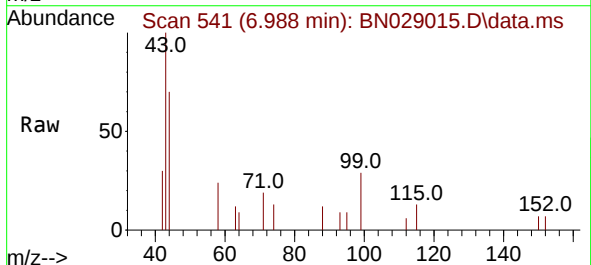
Instrument :
BNA_N
ClientSampleId :
DUP06-20231109

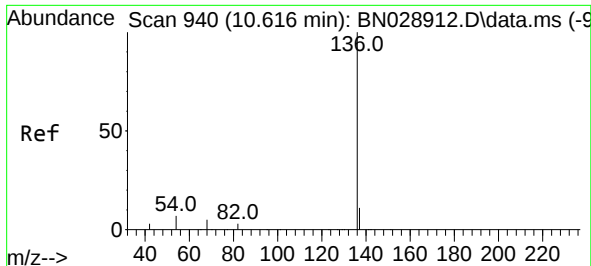
Tgt Ion:112 Resp: 552
Ion Ratio Lower Upper
112 100
64 66.7 51.5 77.3
63 48.2 30.4 45.6#



#5
Phenol-d6
Concen: 0.054 ng
RT: 6.988 min Scan# 541
Delta R.T. -0.000 min
Lab File: BN029015.D
Acq: 03 Dec 2023 11:34

Tgt Ion: 99 Resp: 373
Ion Ratio Lower Upper
99 100
42 52.5 21.2 31.8#
71 55.5 35.4 53.0#

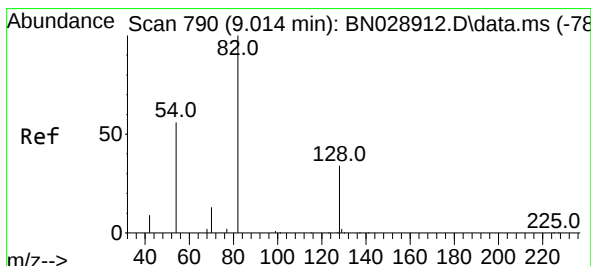
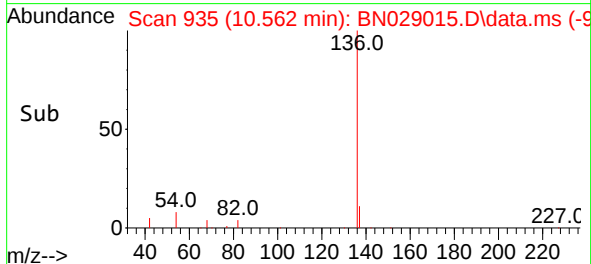
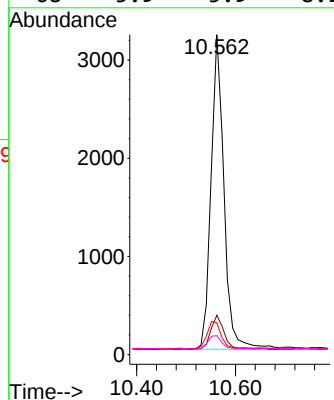
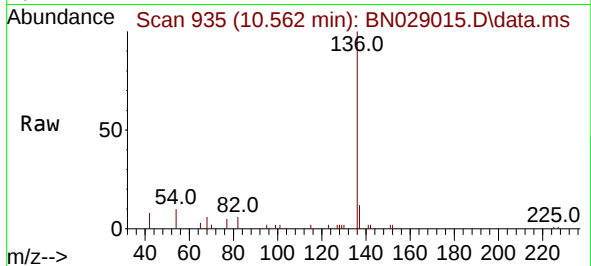




#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.562 min Scan# 91
Delta R.T. -0.000 min
Lab File: BN029015.D
Acq: 03 Dec 2023 11:34

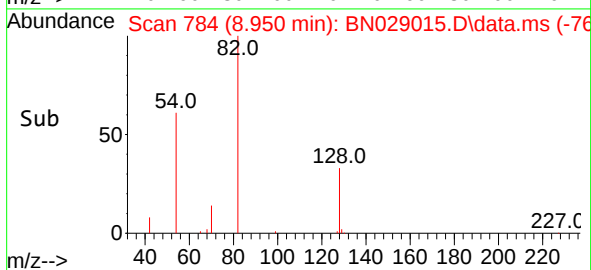
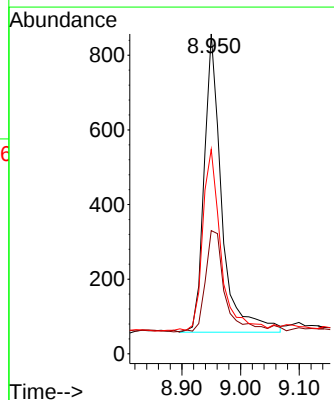
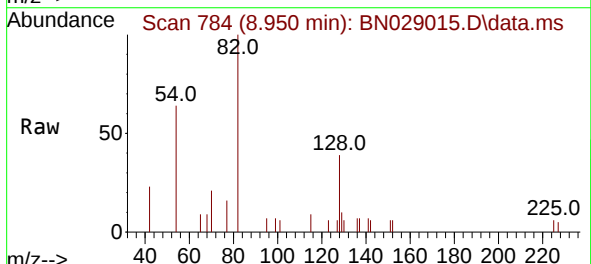
Instrument :
BNA_N
ClientSampleId :
DUP06-20231109

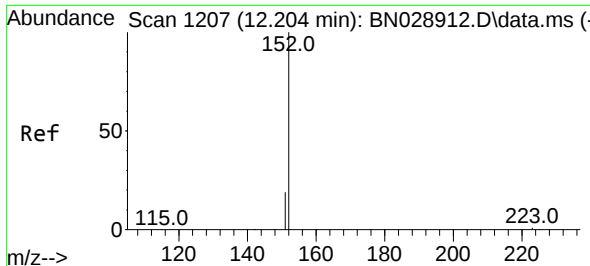
Tgt Ion:	136	Resp:	5804
Ion	Ratio	Lower	Upper
136	100		
137	12.3	10.6	16.0
54	10.0	7.5	11.3
68	5.9	5.9	8.9



#8
Nitrobenzene-d5
Concen: 0.288 ng
RT: 8.950 min Scan# 784
Delta R.T. -0.000 min
Lab File: BN029015.D
Acq: 03 Dec 2023 11:34

Tgt Ion:	82	Resp:	1664
Ion	Ratio	Lower	Upper
82	100		
128	38.5	29.2	43.8
54	63.9	47.0	70.6

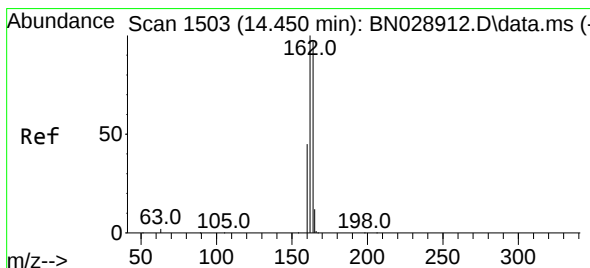
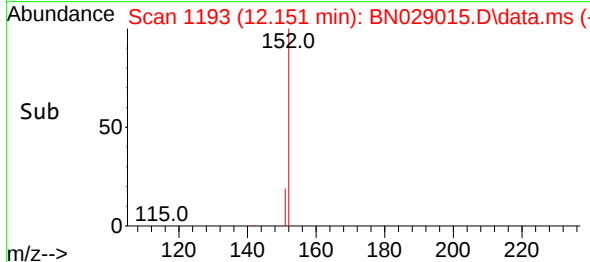
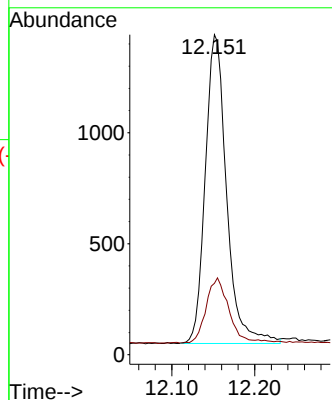
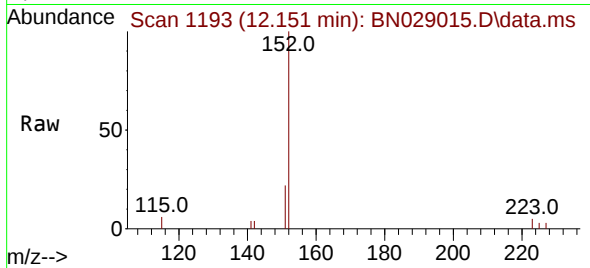




#11
2-Methylnaphthalene-d10
Concen: 0.267 ng
RT: 12.151 min Scan# 1111
Delta R.T. -0.000 min
Lab File: BN029015.D
Acq: 03 Dec 2023 11:34

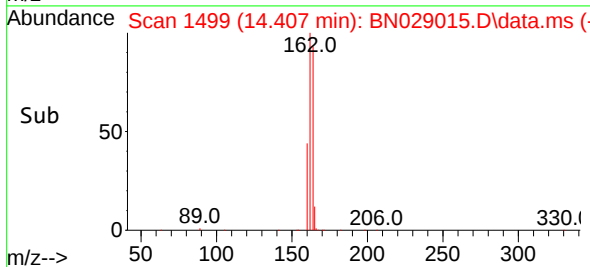
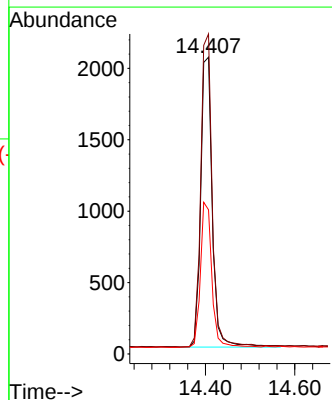
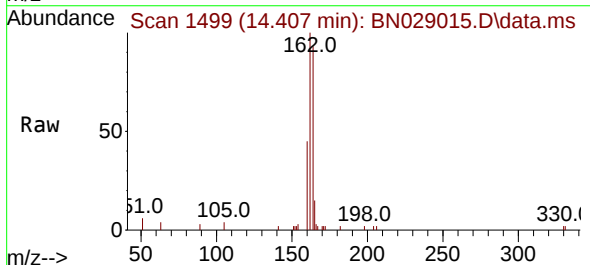
Instrument :
BNA_N
ClientSampleId :
DUP06-20231109

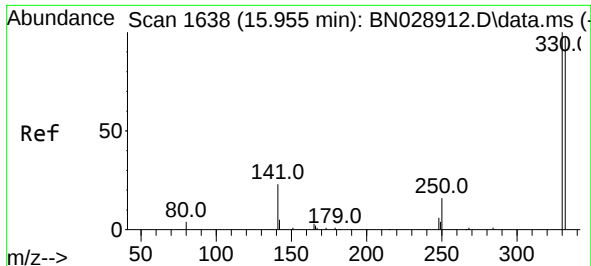
Tgt Ion:152 Resp: 2486
Ion Ratio Lower Upper
152 100
151 22.5 16.7 25.1



#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.407 min Scan# 1499
Delta R.T. -0.000 min
Lab File: BN029015.D
Acq: 03 Dec 2023 11:34

Tgt Ion:164 Resp: 3668
Ion Ratio Lower Upper
164 100
162 107.8 81.7 122.5
160 48.6 37.0 55.6

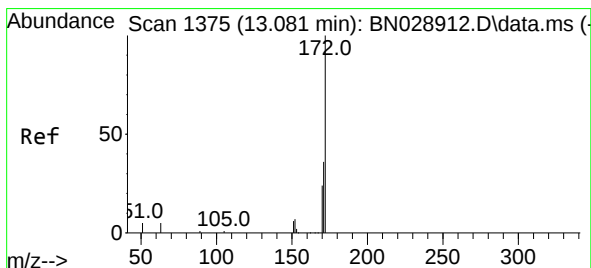
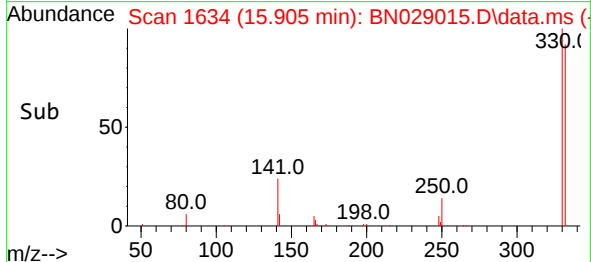
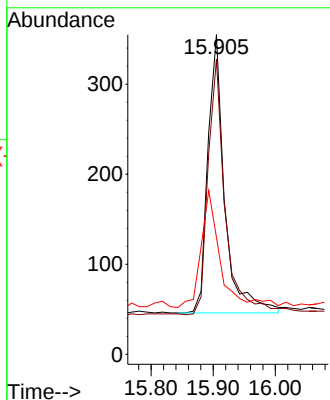
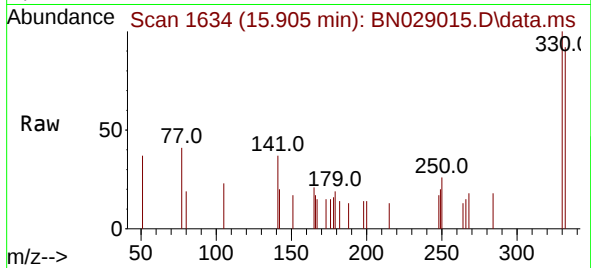




#14
2,4,6-Tribromophenol
Concen: 0.236 ng
RT: 15.905 min Scan# 1
Delta R.T. -0.000 min
Lab File: BN029015.D
Acq: 03 Dec 2023 11:34

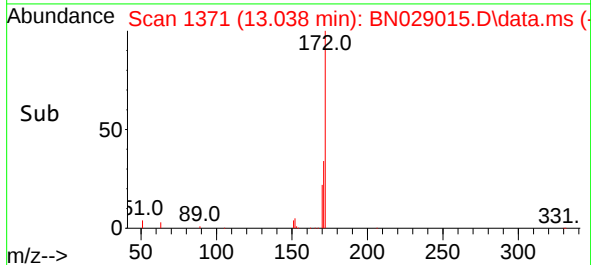
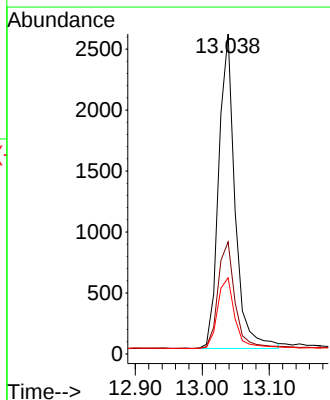
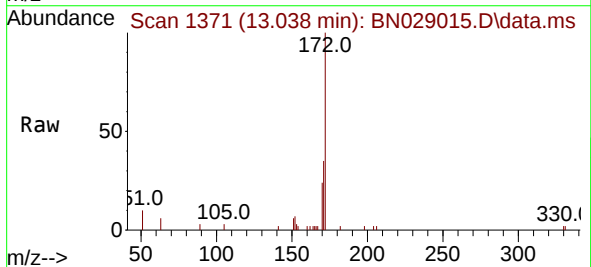
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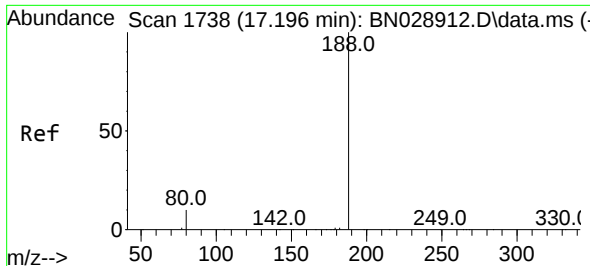
Tgt Ion:330 Resp: 584
Ion Ratio Lower Upper
330 100
332 93.2 75.4 113.2
141 44.7 35.7 53.5



#15
2-Fluorobiphenyl
Concen: 0.276 ng
RT: 13.038 min Scan# 1371
Delta R.T. -0.000 min
Lab File: BN029015.D
Acq: 03 Dec 2023 11:34

Tgt Ion:172 Resp: 4370
Ion Ratio Lower Upper
172 100
171 35.0 29.0 43.4
170 23.8 19.7 29.5

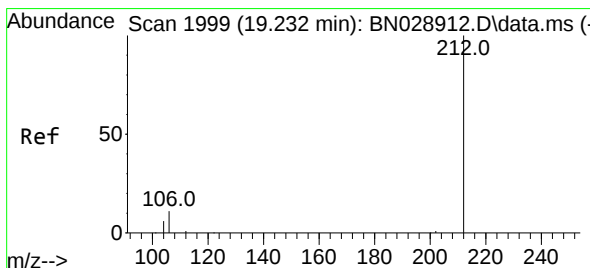
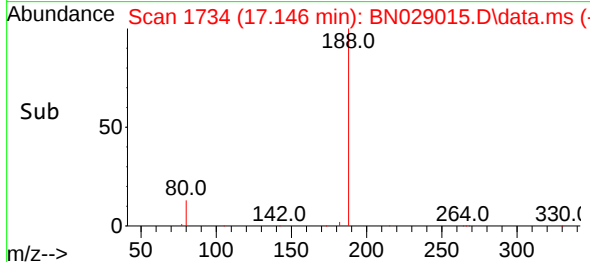
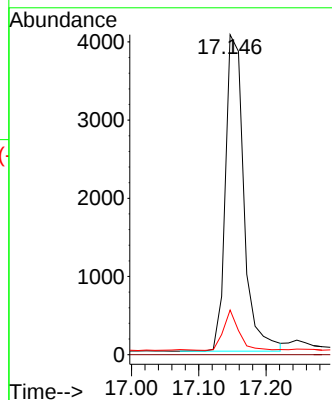
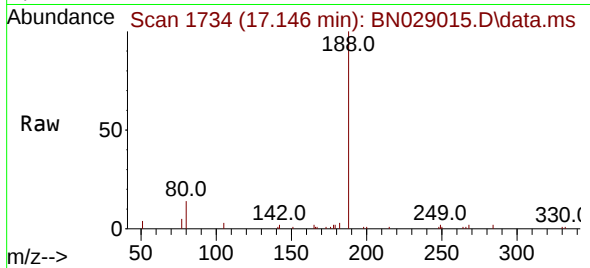




#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.146 min Scan# 11
Delta R.T. -0.013 min
Lab File: BN029015.D
Acq: 03 Dec 2023 11:34

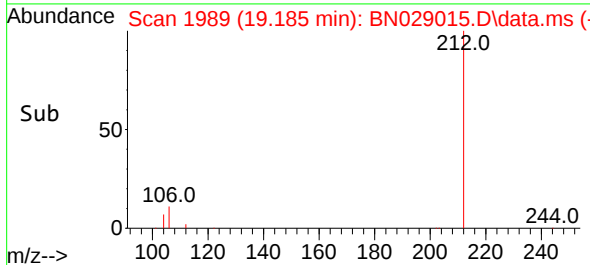
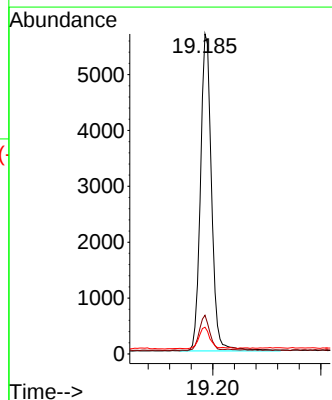
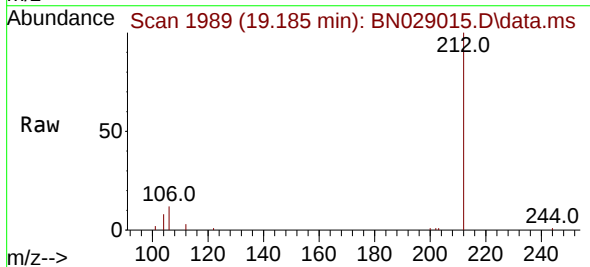
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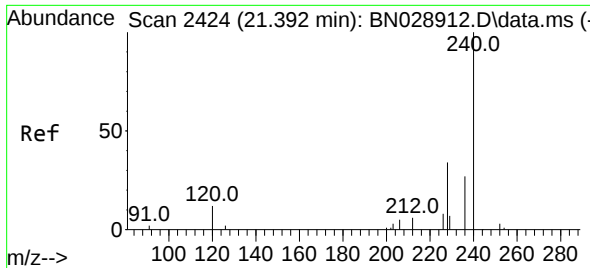
Tgt Ion:188 Resp: 7702
Ion Ratio Lower Upper
188 100
94 0.0 0.0 0.0
80 13.9 9.0 13.6#



#27
Fluoranthene-d10
Concen: 0.400 ng
RT: 19.185 min Scan# 1989
Delta R.T. -0.005 min
Lab File: BN029015.D
Acq: 03 Dec 2023 11:34

Tgt Ion:212 Resp: 8101
Ion Ratio Lower Upper
212 100
106 10.3 9.4 14.2
104 6.6 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: BN029015.D

Acq: 03 Dec 2023 11:34

Instrument :

BNA_N

ClientSampleId :

DUP06-20231109

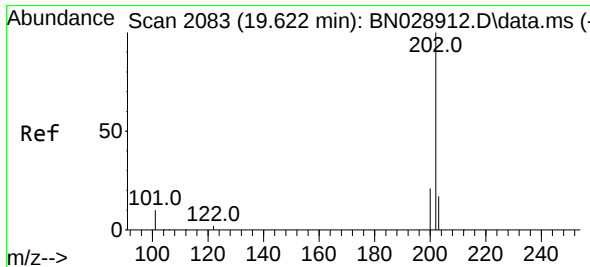
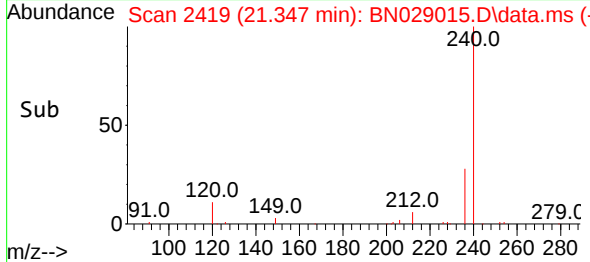
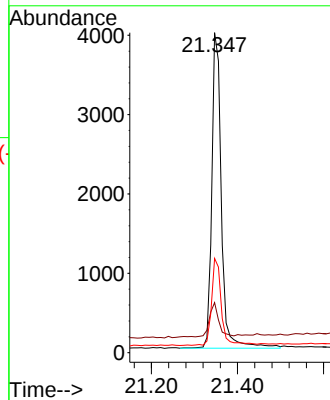
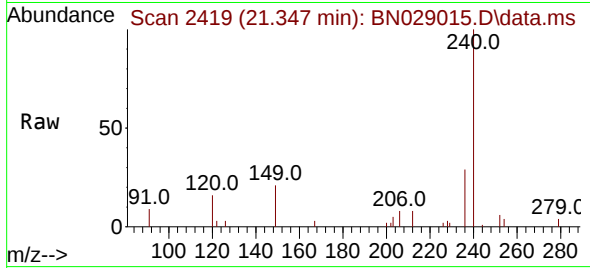
Tgt Ion:240 Resp: 6157

Ion Ratio Lower Upper

240 100

120 15.6 37.1 55.7#

236 29.4 32.4 48.6#



#30

Pyrene

Concen: 0.099 ng

RT: 19.580 min Scan# 2074

Delta R.T. -0.000 min

Lab File: BN029015.D

Acq: 03 Dec 2023 11:34

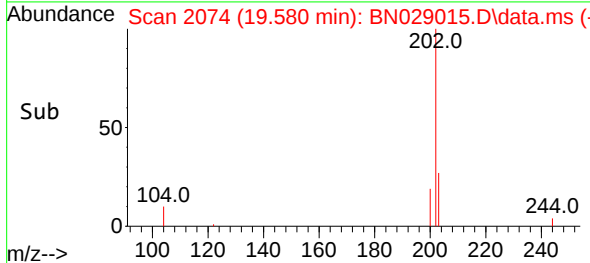
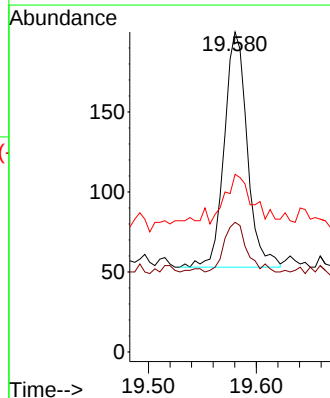
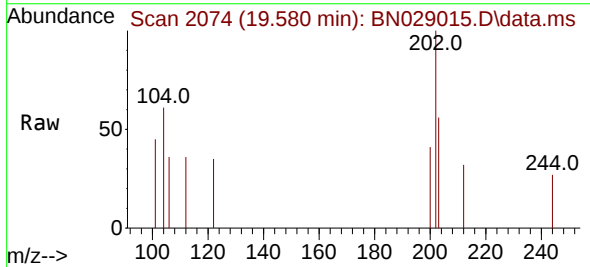
Tgt Ion:202 Resp: 217

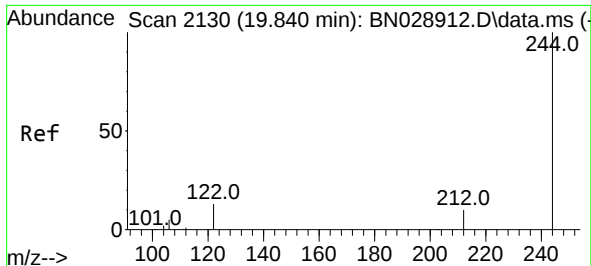
Ion Ratio Lower Upper

202 100

200 20.7 16.9 25.3

203 25.3 14.8 22.2#

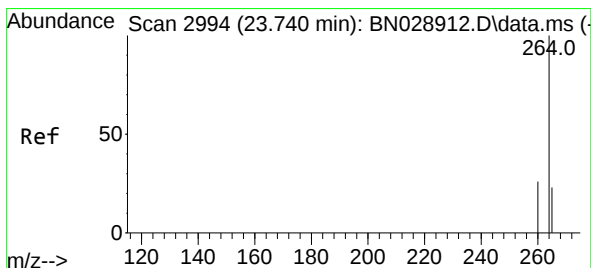
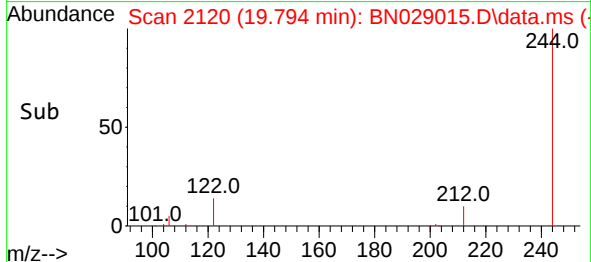
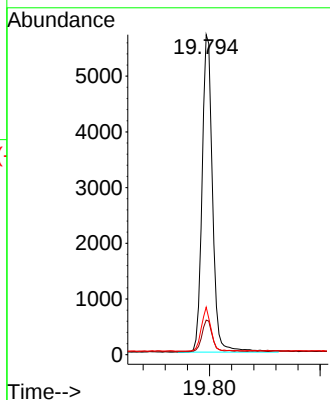
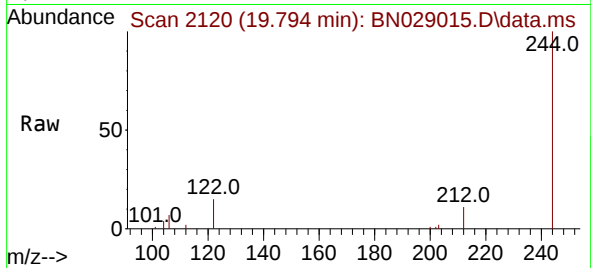




#31
 Terphenyl-d14
 Concen: 0.418 ng
 RT: 19.794 min Scan# 2130
 Delta R.T. -0.000 min
 Lab File: BN029015.D
 Acq: 03 Dec 2023 11:34

Instrument :
 BNA_N
 ClientSampleId :
 DUP06-20231109

Tgt Ion:244 Resp: 7513
 Ion Ratio Lower Upper
 244 100
 212 10.8 11.5 17.3#
 122 14.8 13.2 19.8



#35
 Perylene-d12
 Concen: 0.400 ng
 RT: 23.672 min Scan# 2971
 Delta R.T. 0.003 min
 Lab File: BN029015.D
 Acq: 03 Dec 2023 11:34

Tgt Ion:264 Resp: 5962
 Ion Ratio Lower Upper
 264 100
 260 26.8 20.6 30.8
 265 70.1 464.5 696.7#

