

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN120323\
 Data File : BN029035.D
 Acq On : 04 Dec 2023 00:39
 Operator : MA/JU
 Sample : 05428-01
 Misc :
 ALS Vial : 90 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 RE120D2-20231113

Quant Time: Dec 04 02:23:48 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)

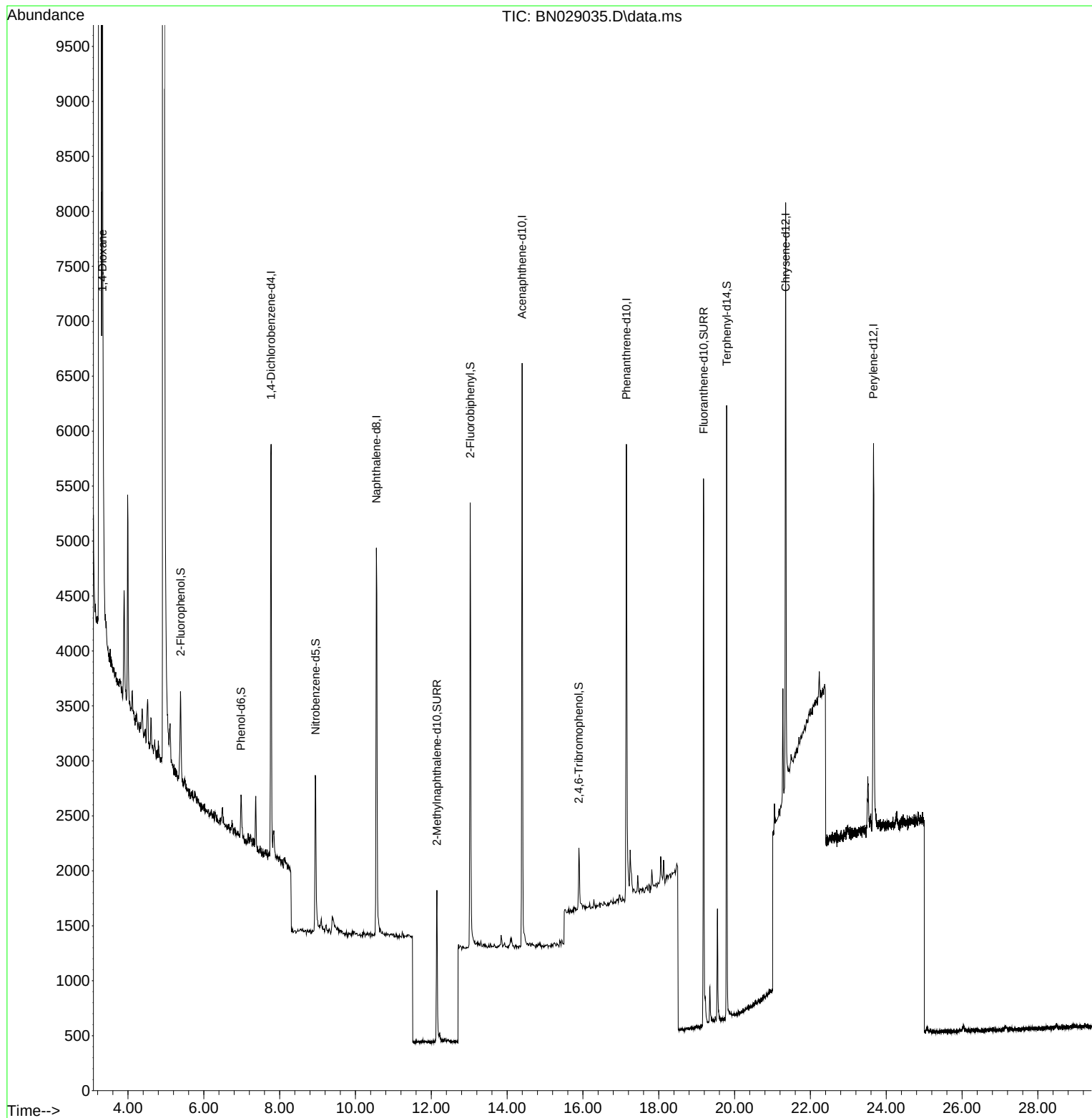
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.775	152	1836	0.400	ng	0.00
7) Naphthalene-d8	10.551	136	5102	0.400	ng	#-0.01
13) Acenaphthene-d10	14.396	164	3059	0.400	ng	-0.01
19) Phenanthrene-d10	17.146	188	6483	0.400	ng	-0.01
29) Chrysene-d12	21.347	240	5270	0.400	ng	# 0.00
35) Perylene-d12	23.664	264	5081	0.400	ng	# 0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.392	112	578	0.104	ng	0.00
5) Phenol-d6	6.980	99	347	0.056	ng	0.00
8) Nitrobenzene-d5	8.950	82	1425	0.281	ng	0.00
11) 2-Methylnaphthalene-d10	12.147	152	2083	0.254	ng	0.00
14) 2,4,6-Tribromophenol	15.893	330	410	0.198	ng	-0.01
15) 2-Fluorobiphenyl	13.028	172	3673	0.278	ng	-0.01
27) Fluoranthene-d10	19.181	212	6067	0.356	ng	0.00
31) Terphenyl-d14	19.794	244	5726	0.388	ng	0.00
Target Compounds						
2) 1,4-Dioxane	3.326	88	5453	3.033	ng	# 90

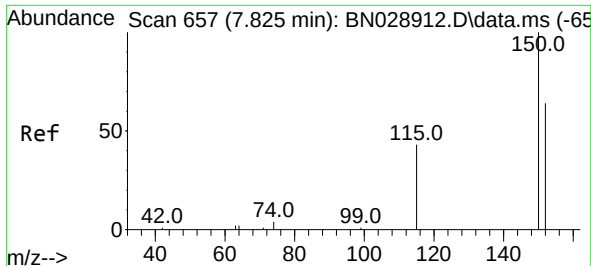
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Time: Dec 04 02:23:48 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

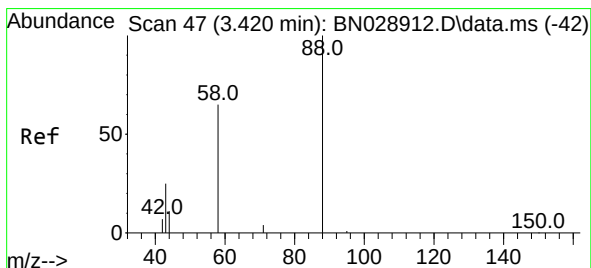
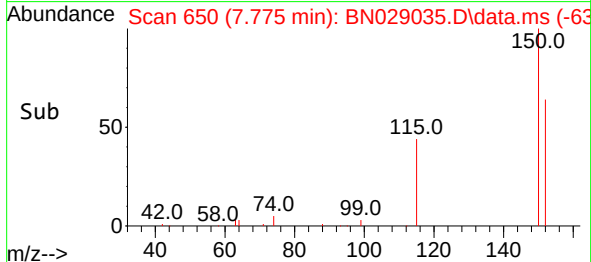
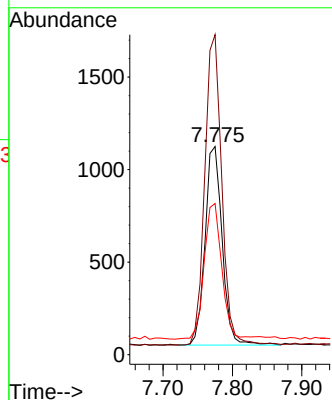
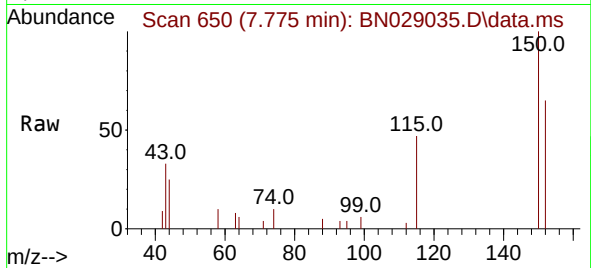




#1
 1,4-Dichlorobenzene-d4
 Concen: 0.400 ng
 RT: 7.775 min Scan# 61
 Delta R.T. -0.007 min
 Lab File: BN029035.D
 Acq: 04 Dec 2023 00:39

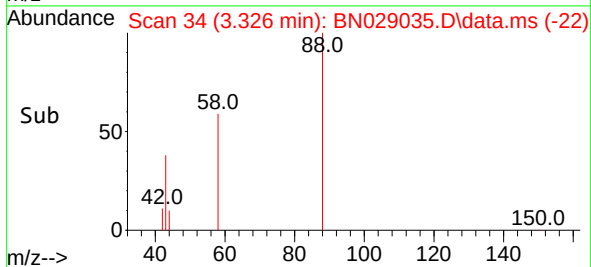
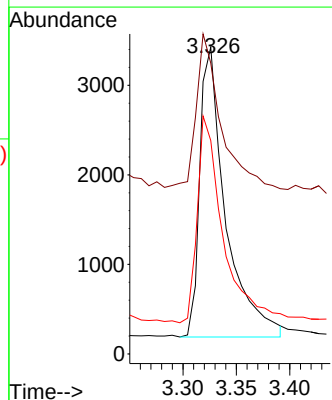
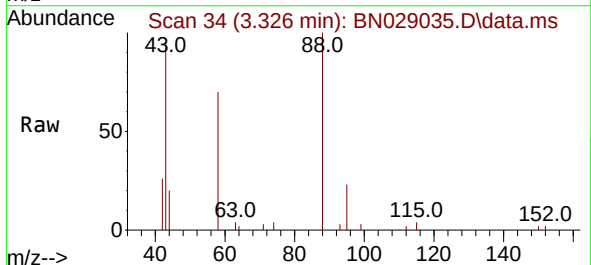
Instrument :
 BNA_N
 ClientSampleId :
 RE120D2-20231113

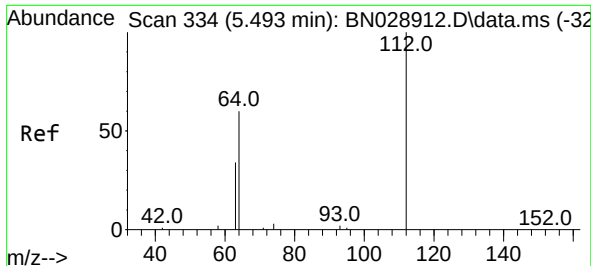
Tgt Ion:152 Resp: 1836
 Ion Ratio Lower Upper
 152 100
 150 153.7 123.4 185.2
 115 72.6 59.1 88.7



#2
 1,4-Dioxane
 Concen: 3.033 ng
 RT: 3.326 min Scan# 34
 Delta R.T. -0.015 min
 Lab File: BN029035.D
 Acq: 04 Dec 2023 00:39

Tgt Ion: 88 Resp: 5453
 Ion Ratio Lower Upper
 88 100
 43 50.6 29.9 44.9#
 58 71.1 55.0 82.4

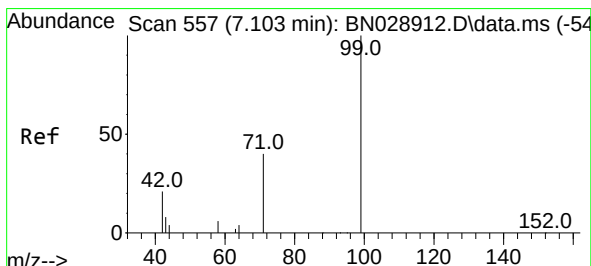
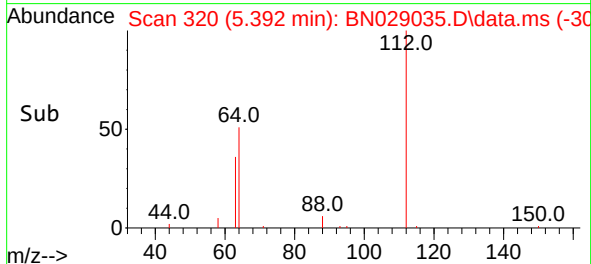
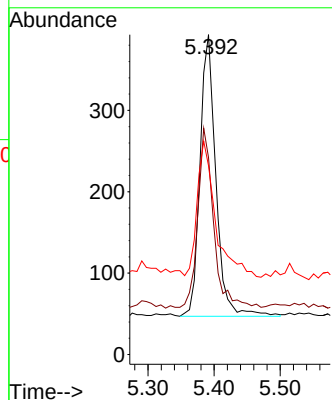
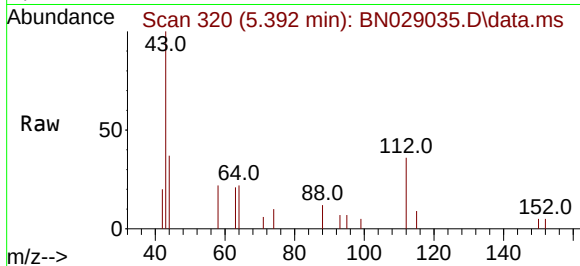




#4
2-Fluorophenol
Concen: 0.104 ng
RT: 5.392 min Scan# 311
Delta R.T. -0.007 min
Lab File: BN029035.D
Acq: 04 Dec 2023 00:39

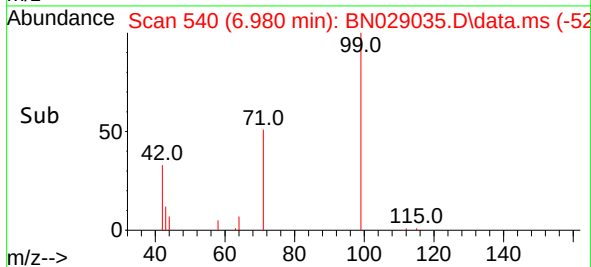
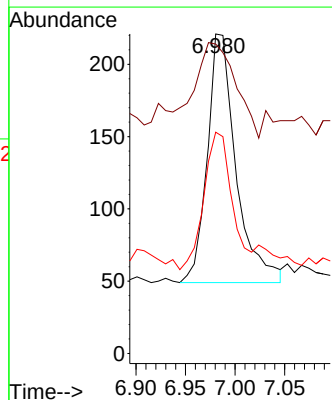
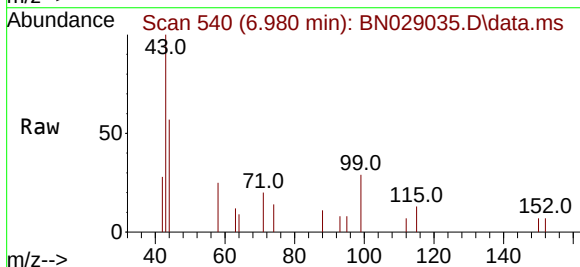
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BNA_N
ClientSampleId :
RE120D2-20231113

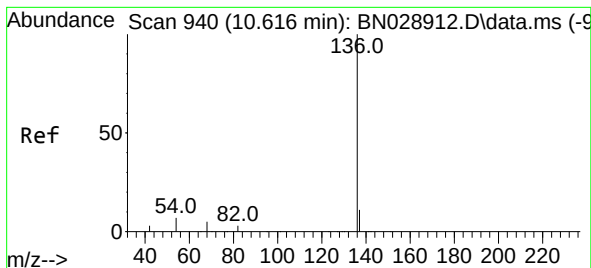
Tgt Ion:112 Resp: 578
Ion Ratio Lower Upper
112 100
64 62.6 51.5 77.3
63 56.1 30.4 45.6#



#5
Phenol-d6
Concen: 0.056 ng
RT: 6.980 min Scan# 540
Delta R.T. -0.007 min
Lab File: BN029035.D
Acq: 04 Dec 2023 00:39

Tgt Ion: 99 Resp: 347
Ion Ratio Lower Upper
99 100
42 55.3 21.2 31.8#
71 53.9 35.4 53.0#





#7

Naphthalene-d8

Concen: 0.400 ng

RT: 10.551 min Scan# 91

Delta R.T. -0.011 min

Lab File: BN029035.D

Acq: 04 Dec 2023 00:39

Instrument :

BNA_N

ClientSampleId :

RE120D2-20231113

Tgt Ion:136 Resp: 5102

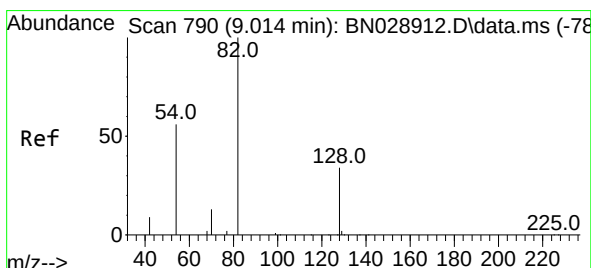
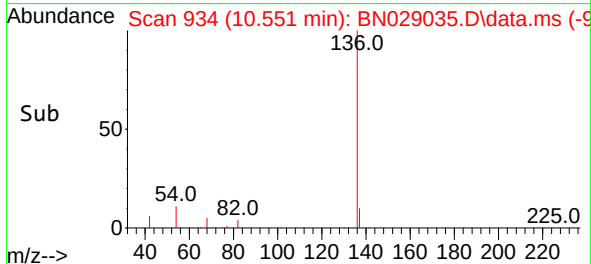
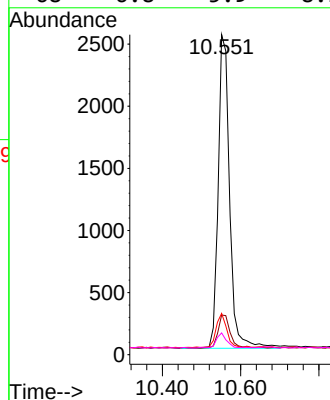
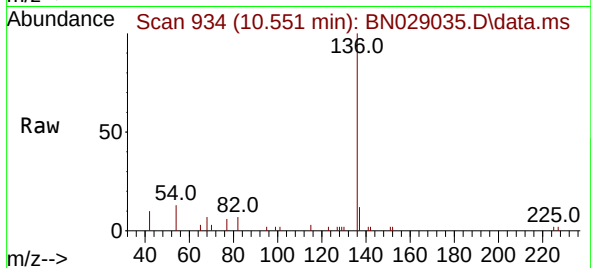
Ion Ratio Lower Upper

136 100

137 12.4 10.6 16.0

54 12.9 7.5 11.3#

68 6.8 5.9 8.9



#8

Nitrobenzene-d5

Concen: 0.281 ng

RT: 8.950 min Scan# 784

Delta R.T. -0.000 min

Lab File: BN029035.D

Acq: 04 Dec 2023 00:39

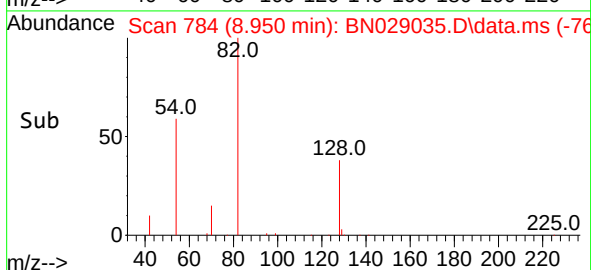
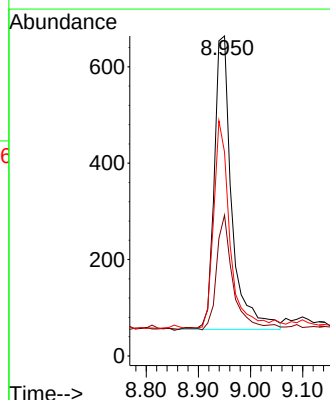
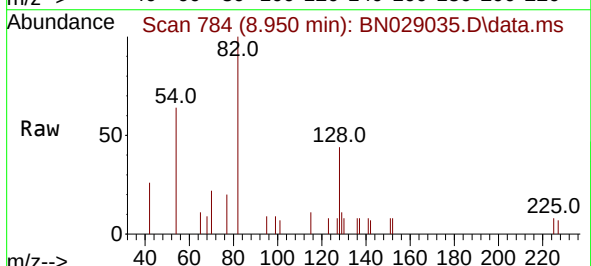
Tgt Ion: 82 Resp: 1425

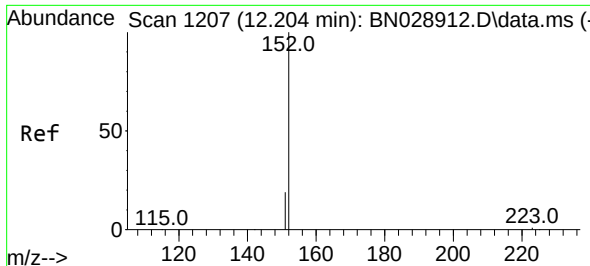
Ion Ratio Lower Upper

82 100

128 44.0 29.2 43.8#

54 63.7 47.0 70.6

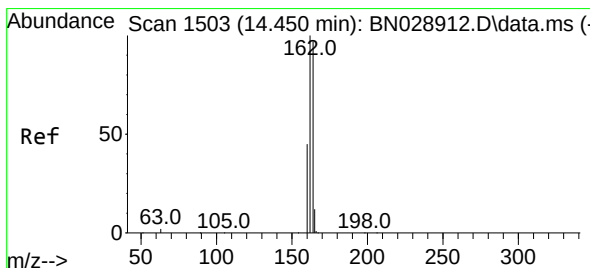
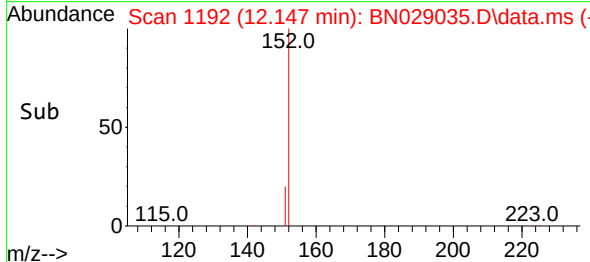
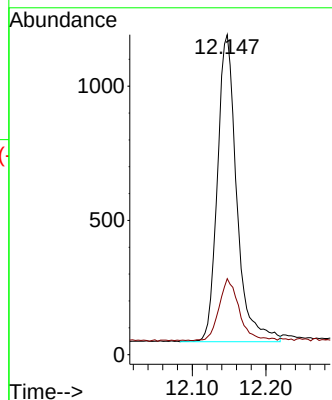
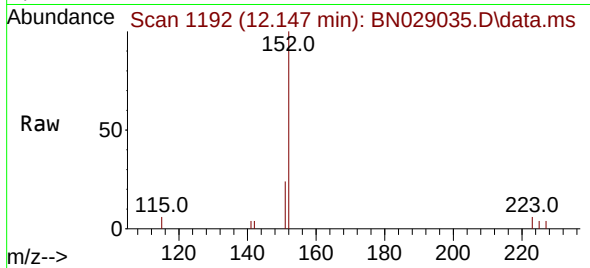




#11
2-Methylnaphthalene-d10
Concen: 0.254 ng
RT: 12.147 min Scan# 11
Delta R.T. -0.004 min
Lab File: BN029035.D
Acq: 04 Dec 2023 00:39

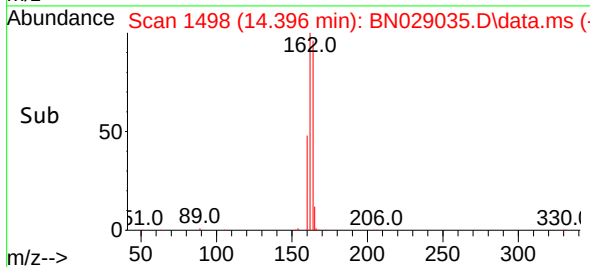
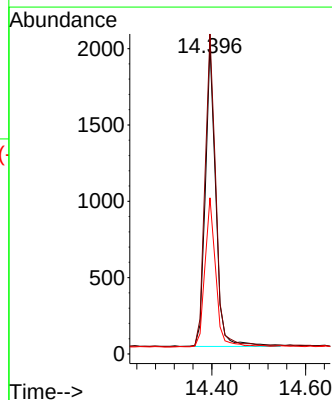
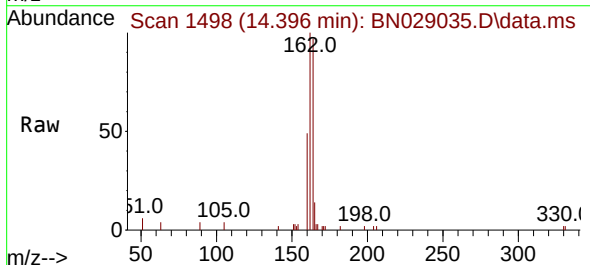
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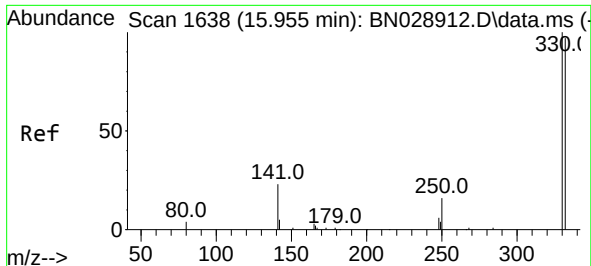
Tgt Ion:152 Resp: 2083
Ion Ratio Lower Upper
152 100
151 21.1 16.7 25.1



#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.396 min Scan# 1498
Delta R.T. -0.011 min
Lab File: BN029035.D
Acq: 04 Dec 2023 00:39

Tgt Ion:164 Resp: 3059
Ion Ratio Lower Upper
164 100
162 103.6 81.7 122.5
160 50.6 37.0 55.6

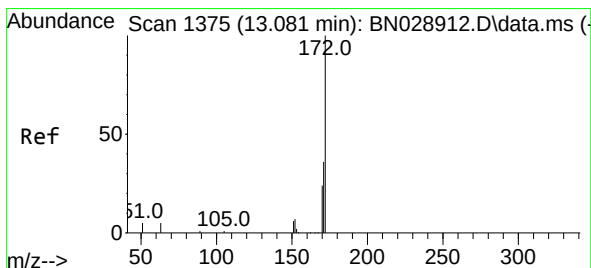
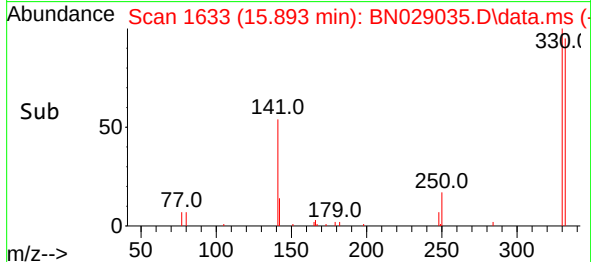
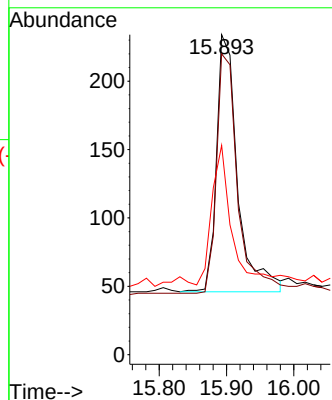
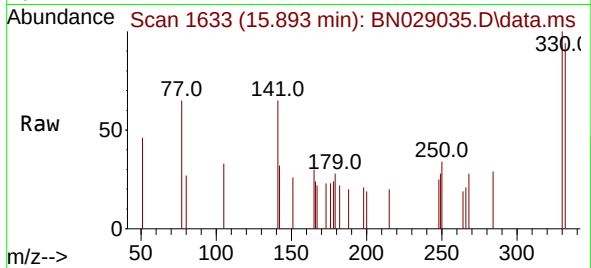




#14
2,4,6-Tribromophenol
Concen: 0.198 ng
RT: 15.893 min Scan# 1633
Delta R.T. -0.013 min
Lab File: BN029035.D
Acq: 04 Dec 2023 00:39

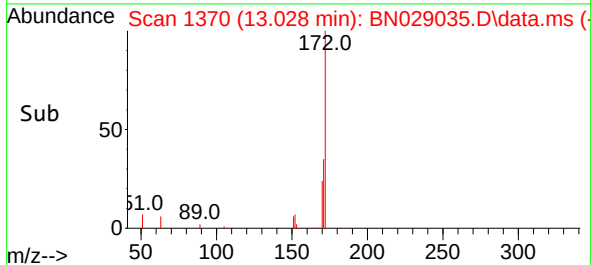
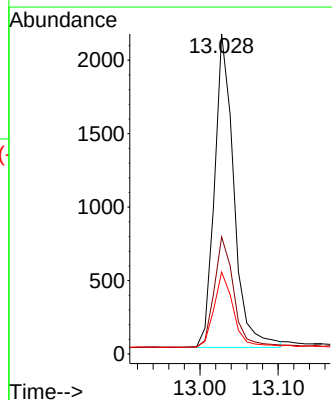
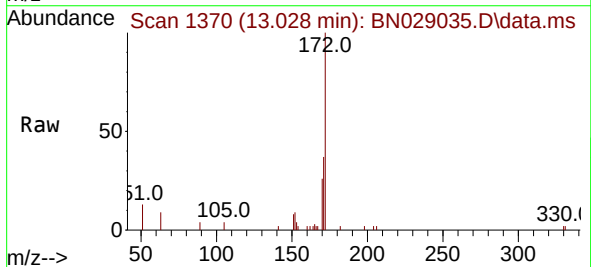
Instrument :
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RE120D2-20231113

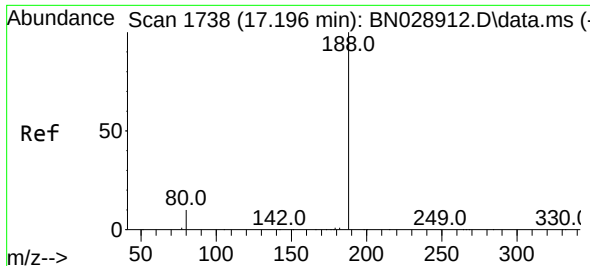
Tgt Ion:330 Resp: 410
Ion Ratio Lower Upper
330 100
332 94.4 75.4 113.2
141 52.9 35.7 53.5



#15
2-Fluorobiphenyl
Concen: 0.278 ng
RT: 13.028 min Scan# 1370
Delta R.T. -0.011 min
Lab File: BN029035.D
Acq: 04 Dec 2023 00:39

Tgt Ion:172 Resp: 3673
Ion Ratio Lower Upper
172 100
171 36.6 29.0 43.4
170 25.6 19.7 29.5

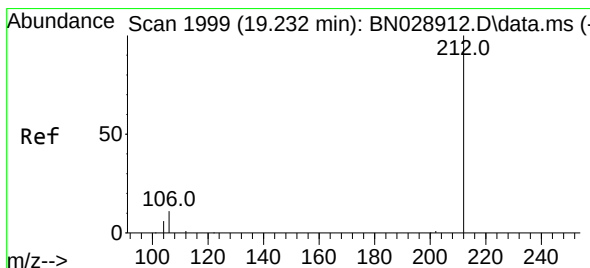
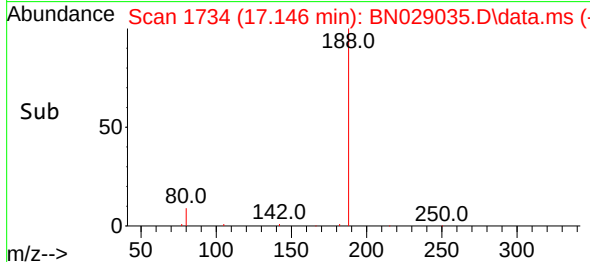
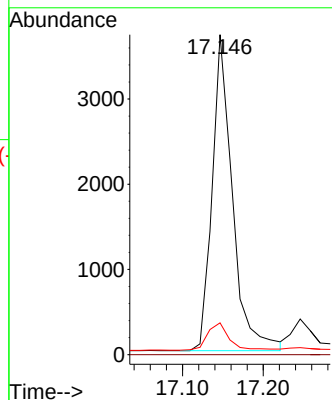
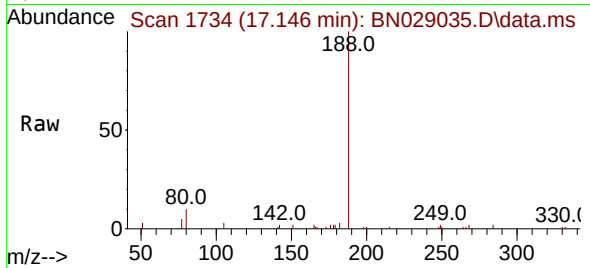




#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.146 min Scan# 11
Delta R.T. -0.013 min
Lab File: BN029035.D
Acq: 04 Dec 2023 00:39

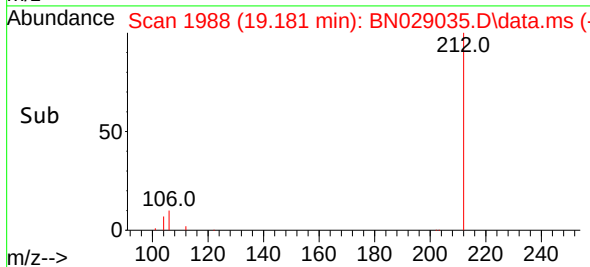
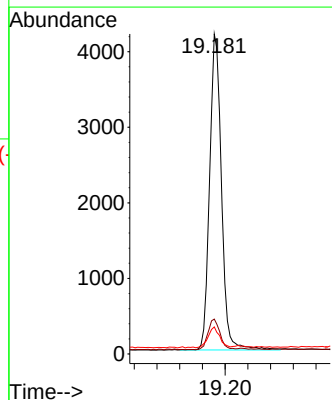
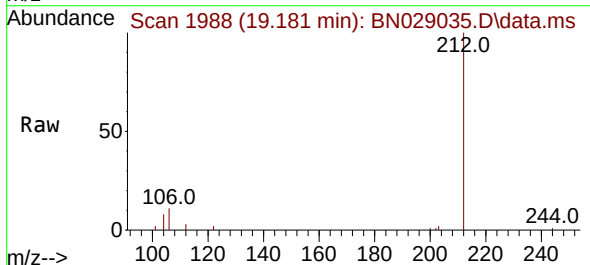
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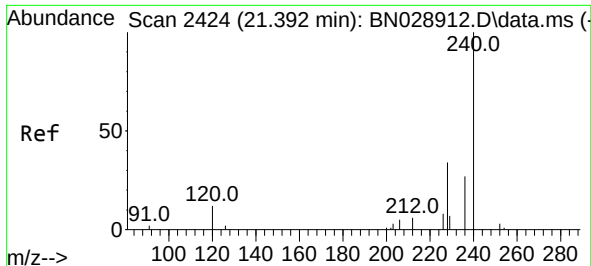
Tgt Ion:188 Resp: 6483
Ion Ratio Lower Upper
188 100
94 0.0 0.0 0.0
80 9.9 9.0 13.6



#27
Fluoranthene-d10
Concen: 0.356 ng
RT: 19.181 min Scan# 1988
Delta R.T. -0.009 min
Lab File: BN029035.D
Acq: 04 Dec 2023 00:39

Tgt Ion:212 Resp: 6067
Ion Ratio Lower Upper
212 100
106 9.7 9.4 14.2
104 6.1 6.2 9.2#

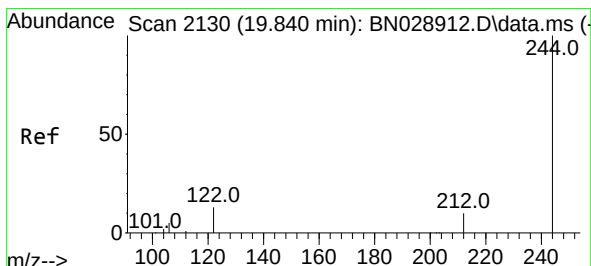
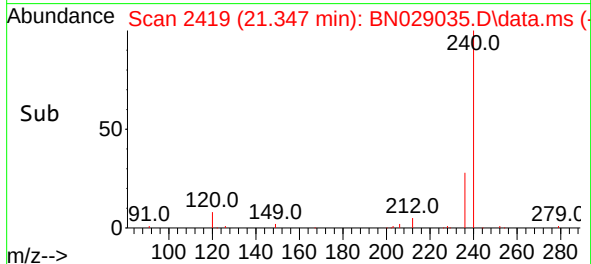
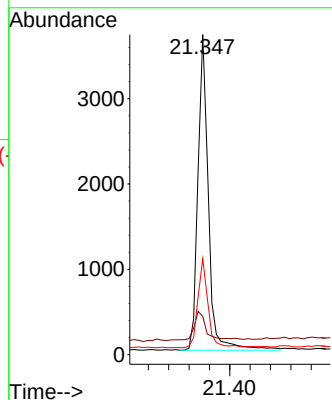
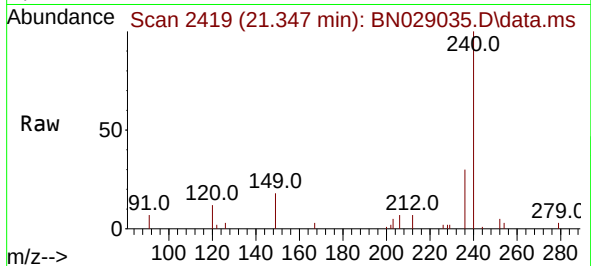




#29
Chrysene-d12
Concen: 0.400 ng
RT: 21.347 min Scan# 2424
Delta R.T. -0.000 min
Lab File: BN029035.D
Acq: 04 Dec 2023 00:39

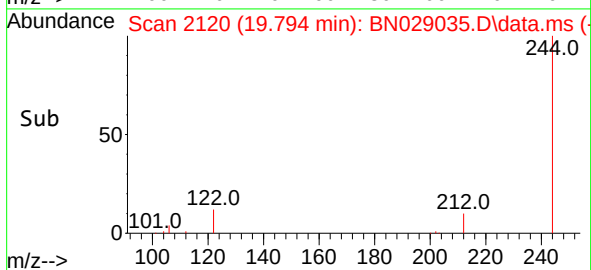
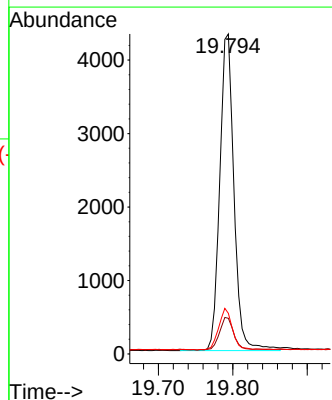
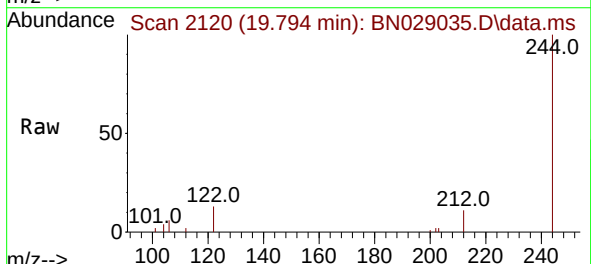
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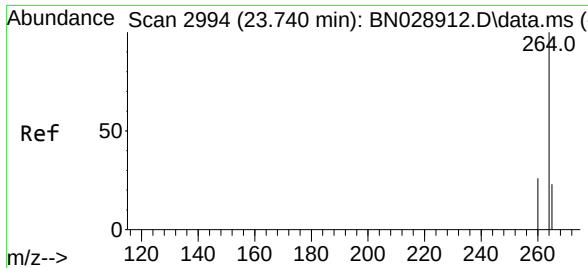
Tgt Ion:240 Resp: 5270
Ion Ratio Lower Upper
240 100
120 11.9 37.1 55.7#
236 30.0 32.4 48.6#



#31
Terphenyl-d14
Concen: 0.388 ng
RT: 19.794 min Scan# 2120
Delta R.T. -0.000 min
Lab File: BN029035.D
Acq: 04 Dec 2023 00:39

Tgt Ion:244 Resp: 5726
Ion Ratio Lower Upper
244 100
212 11.1 11.5 17.3#
122 12.7 13.2 19.8#





#35
 Perylene-d12
 Concen: 0.400 ng
 RT: 23.664 min Scan# 2994
 Delta R.T. -0.006 min
 Lab File: BN029035.D
 Acq: 04 Dec 2023 00:39

Instrument :
 BNA_N
 ClientSampleId :
 RE120D2-20231113

Tgt Ion:264 Resp: 5081
 Ion Ratio Lower Upper
 264 100
 260 27.1 20.6 30.8
 265 70.3 464.5 696.7#

