

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN120323\
 Data File : BN029033.D
 Acq On : 03 Dec 2023 23:28
 Operator : MA/JU
 Sample : 05425-05
 Misc :
 ALS Vial : 88 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 EB20231114

Quant Time: Dec 04 02:23:28 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)

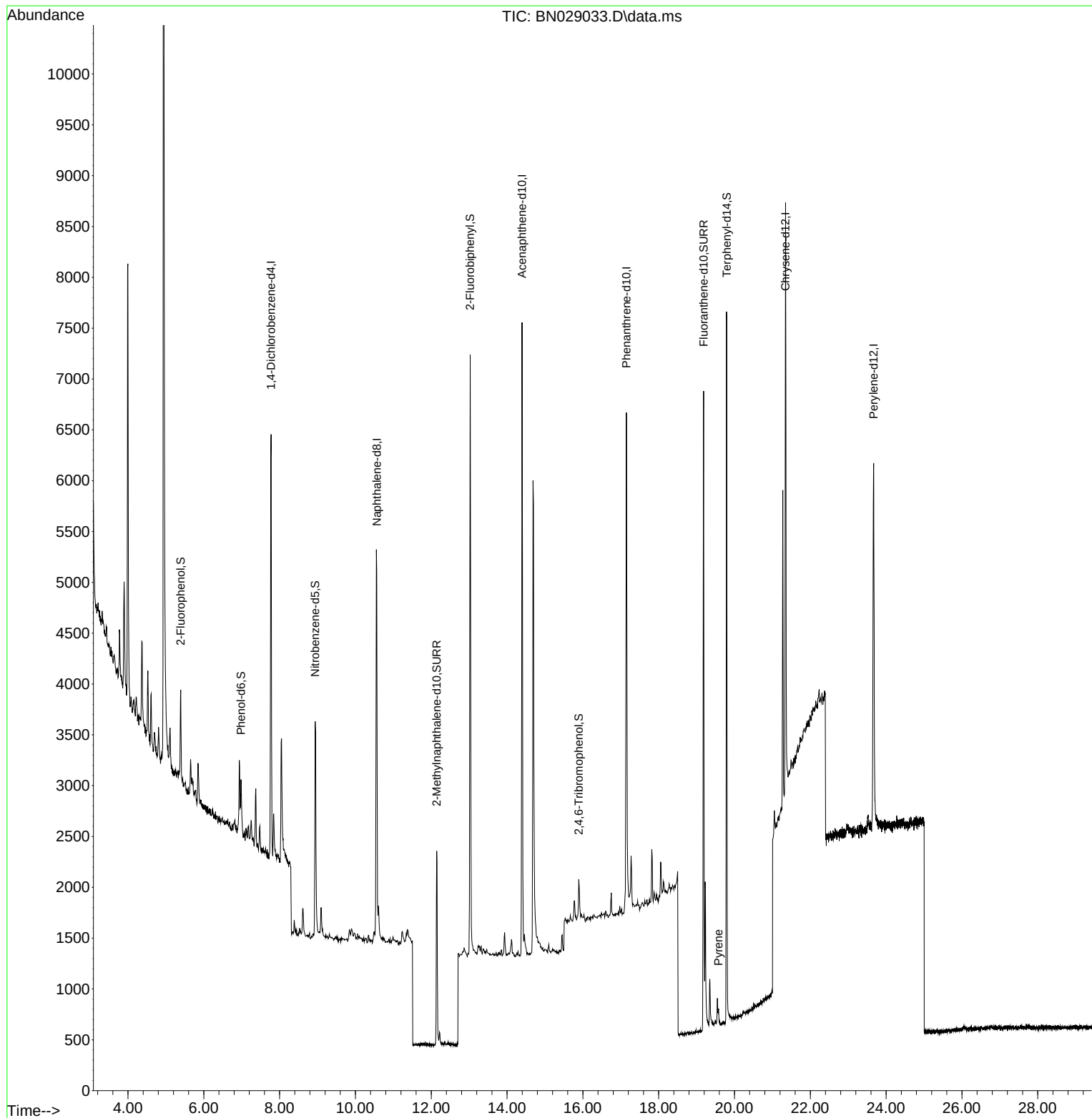
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.775	152	1952	0.400	ng	0.00
7) Naphthalene-d8	10.562	136	5552	0.400	ng	# 0.00
13) Acenaphthene-d10	14.396	164	3473	0.400	ng	-0.01
19) Phenanthrene-d10	17.146	188	7302	0.400	ng	-0.01
29) Chrysene-d12	21.347	240	5743	0.400	ng	# 0.00
35) Perylene-d12	23.670	264	5356	0.400	ng	# 0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.392	112	631	0.107	ng	0.00
5) Phenol-d6	6.980	99	452	0.069	ng	0.00
8) Nitrobenzene-d5	8.939	82	1945	0.352	ng	-0.01
11) 2-Methylnaphthalene-d10	12.144	152	2767	0.311	ng	0.00
14) 2,4,6-Tribromophenol	15.893	330	269	0.115	ng	-0.01
15) 2-Fluorobiphenyl	13.028	172	5083	0.339	ng	-0.01
27) Fluoranthene-d10	19.185	212	7480	0.389	ng	0.00
31) Terphenyl-d14	19.794	244	7084	0.421	ng	0.00
Target Compounds						
30) Pyrene	19.576	202	147	0.097	ng	# 94

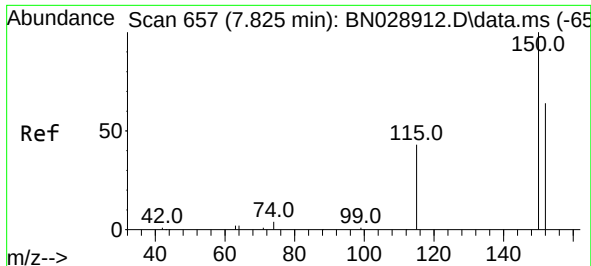
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Time: Dec 04 02:23:28 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

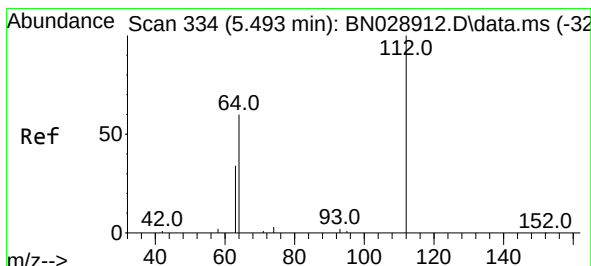
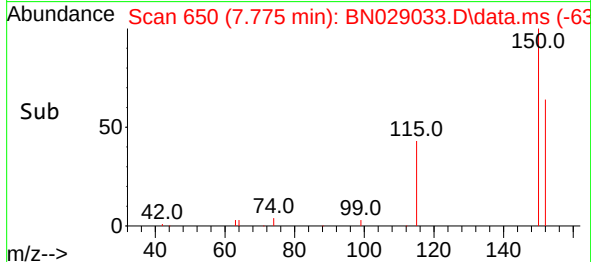
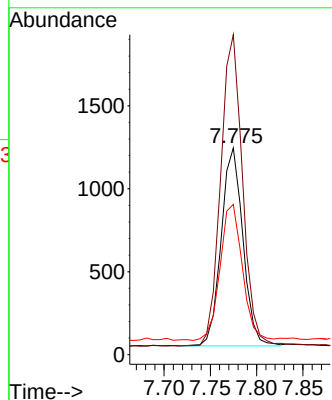
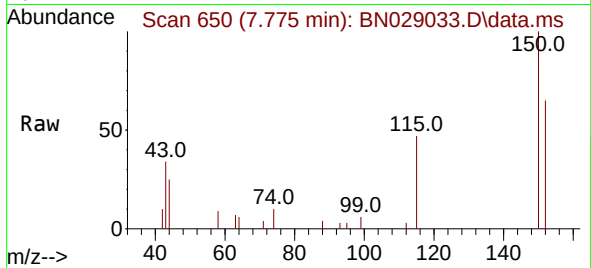




#1
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.775 min Scan# 61
Delta R.T. -0.007 min
Lab File: BN029033.D
Acq: 03 Dec 2023 23:28

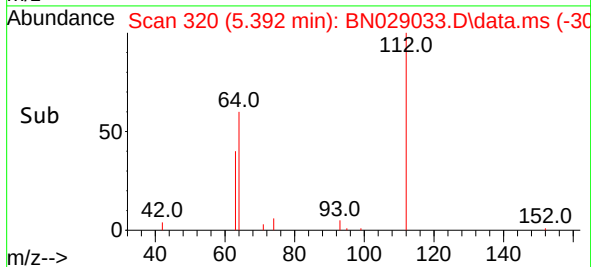
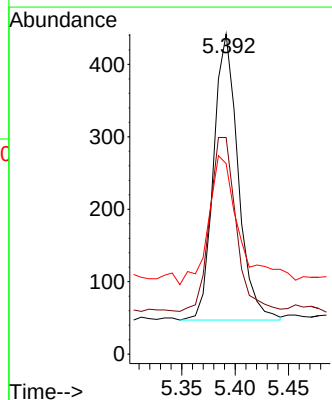
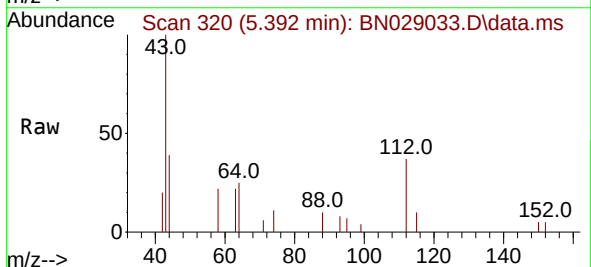
Instrument :
BNA_N
ClientSampleId :
EB20231114

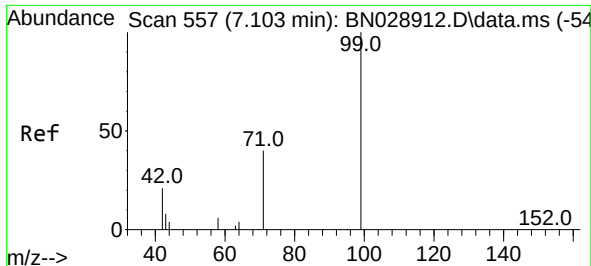
Tgt Ion:152 Resp: 1952
Ion Ratio Lower Upper
152 100
150 154.8 123.4 185.2
115 72.7 59.1 88.7



#4
2-Fluorophenol
Concen: 0.107 ng
RT: 5.392 min Scan# 320
Delta R.T. -0.007 min
Lab File: BN029033.D
Acq: 03 Dec 2023 23:28

Tgt Ion:112 Resp: 631
Ion Ratio Lower Upper
112 100
64 65.8 51.5 77.3
63 56.6 30.4 45.6#

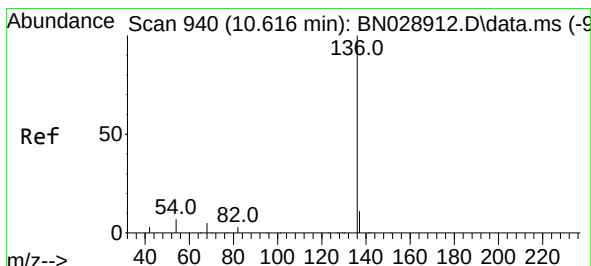
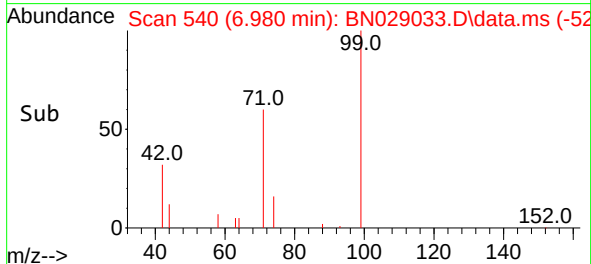
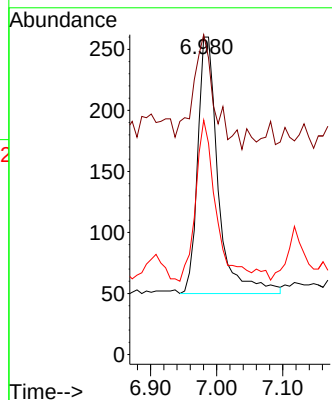
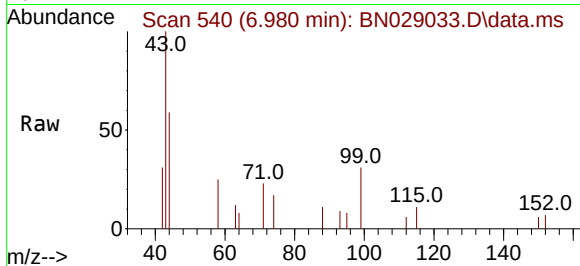




#5
Phenol-d6
Concen: 0.069 ng
RT: 6.980 min Scan# 54
Delta R.T. -0.007 min
Lab File: BN029033.D
Acq: 03 Dec 2023 23:28

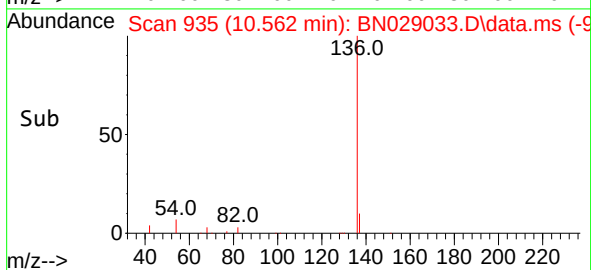
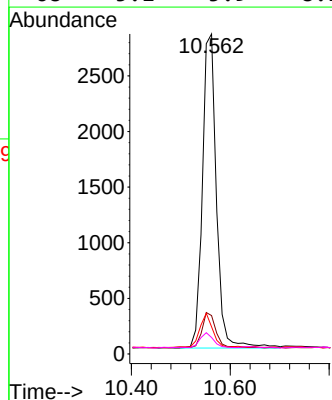
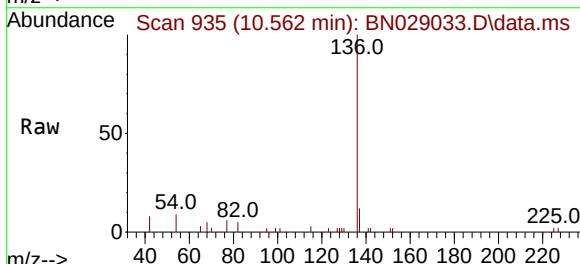
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BNA_N
ClientSampleId :
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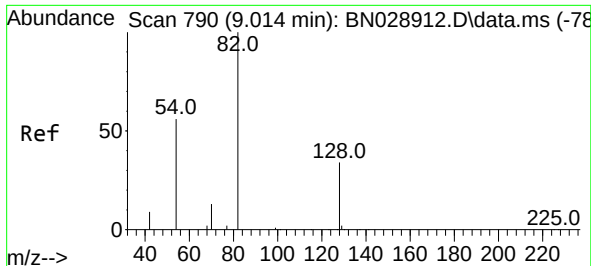
Tgt Ion: 99 Resp: 452
Ion Ratio Lower Upper
99 100
42 36.5 21.2 31.8#
71 62.4 35.4 53.0#



#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.562 min Scan# 935
Delta R.T. -0.000 min
Lab File: BN029033.D
Acq: 03 Dec 2023 23:28

Tgt Ion: 136 Resp: 5552
Ion Ratio Lower Upper
136 100
137 12.0 10.6 16.0
54 8.5 7.5 11.3
68 5.1 5.9 8.9#

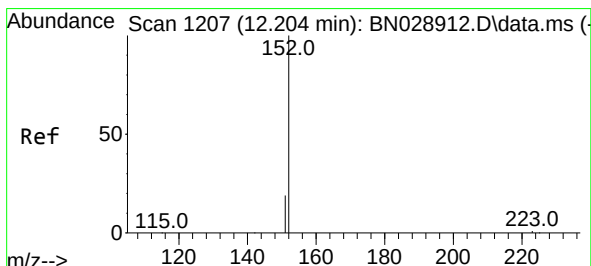
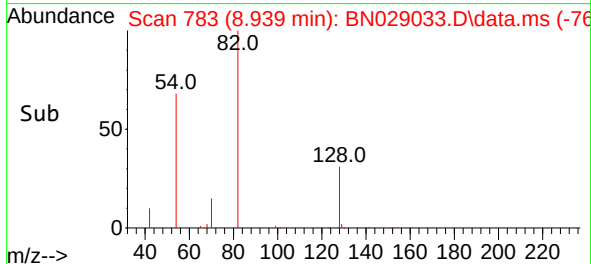
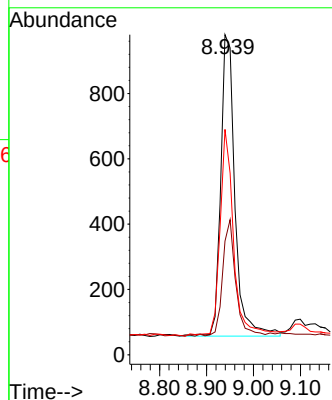
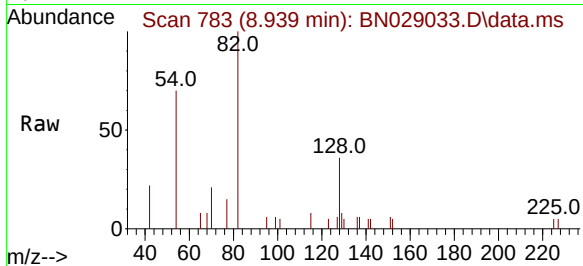




#8
Nitrobenzene-d5
Concen: 0.352 ng
RT: 8.939 min Scan# 71
Delta R.T. -0.011 min
Lab File: BN029033.D
Acq: 03 Dec 2023 23:28

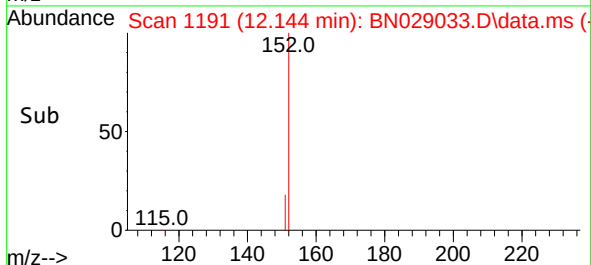
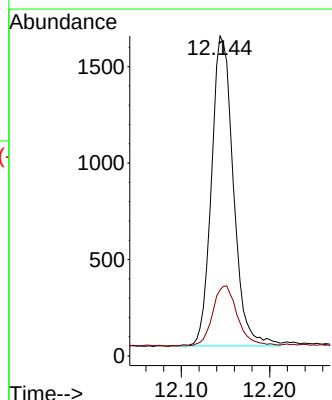
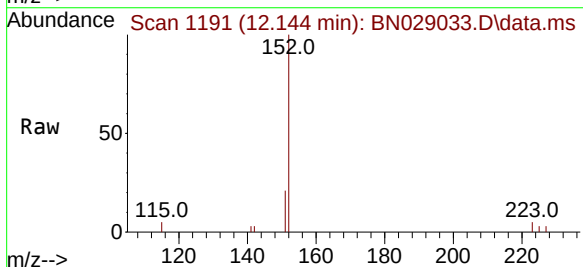
Instrument :
BNA_N
ClientSampleId :
EB20231114

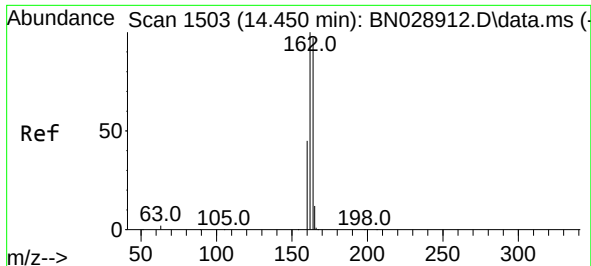
Tgt Ion: 82 Resp: 1945
Ion Ratio Lower Upper
82 100
128 35.5 29.2 43.8
54 70.4 47.0 70.6



#11
2-Methylnaphthalene-d10
Concen: 0.311 ng
RT: 12.144 min Scan# 1191
Delta R.T. -0.008 min
Lab File: BN029033.D
Acq: 03 Dec 2023 23:28

Tgt Ion: 152 Resp: 2767
Ion Ratio Lower Upper
152 100
151 21.5 16.7 25.1

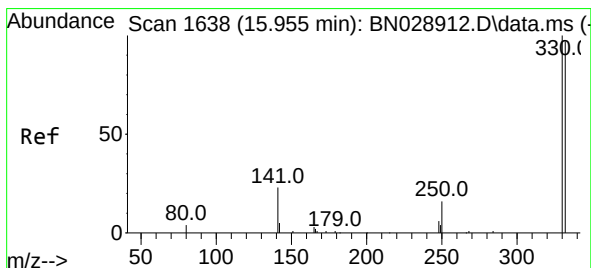
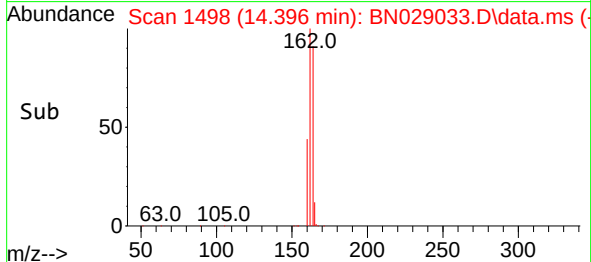
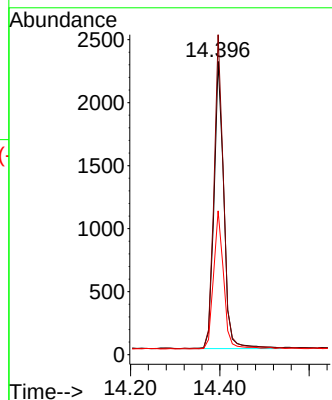
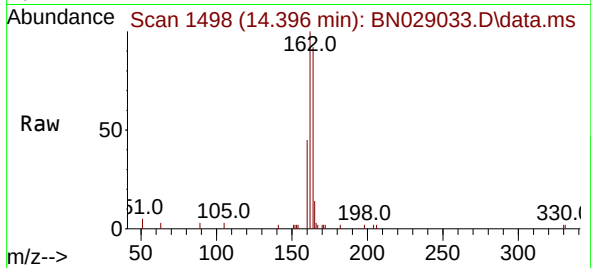




#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.396 min Scan# 14
Delta R.T. -0.011 min
Lab File: BN029033.D
Acq: 03 Dec 2023 23:28

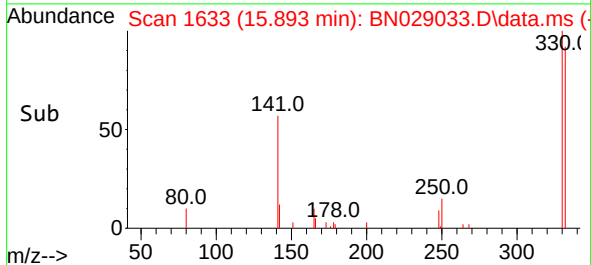
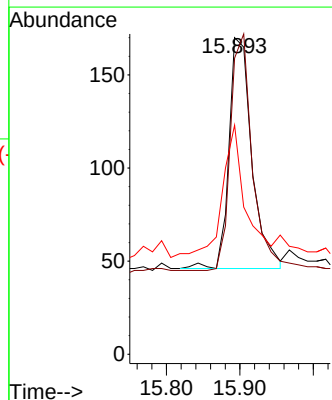
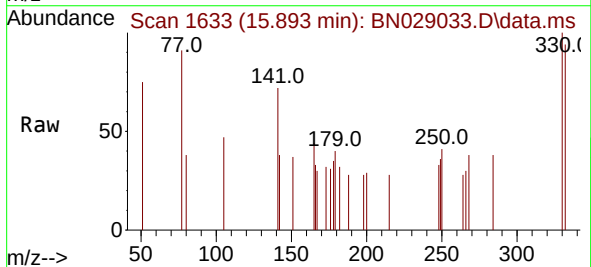
Instrument :
BNA_N
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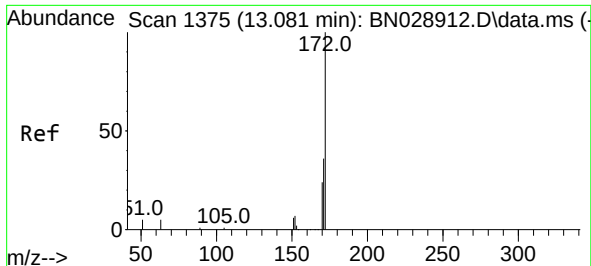
Tgt Ion:164 Resp: 3473
Ion Ratio Lower Upper
164 100
162 109.1 81.7 122.5
160 49.0 37.0 55.6



#14
2,4,6-Tribromophenol
Concen: 0.115 ng
RT: 15.893 min Scan# 1633
Delta R.T. -0.013 min
Lab File: BN029033.D
Acq: 03 Dec 2023 23:28

Tgt Ion:330 Resp: 269
Ion Ratio Lower Upper
330 100
332 99.6 75.4 113.2
141 55.8 35.7 53.5#

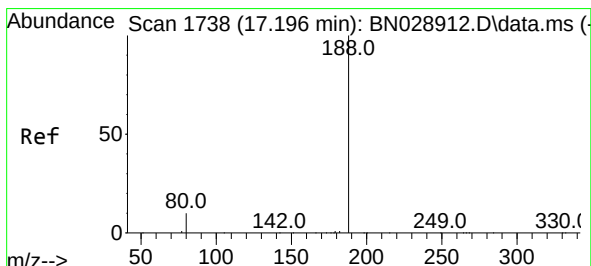
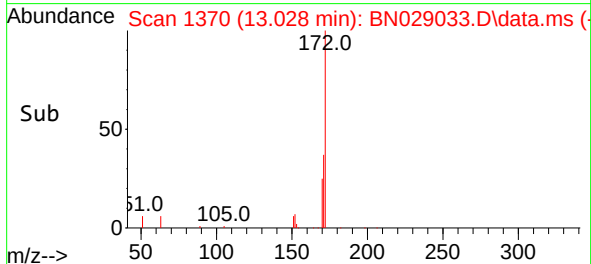
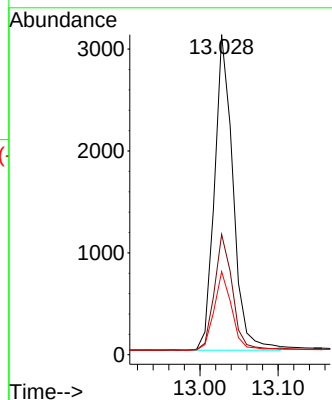
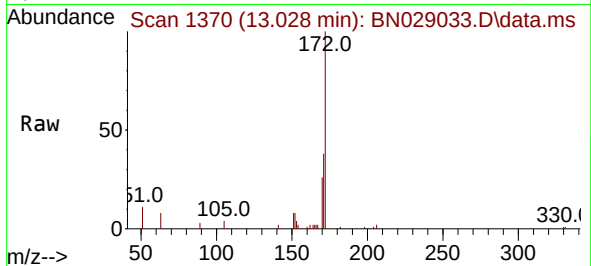




#15
2-Fluorobiphenyl
Concen: 0.339 ng
RT: 13.028 min Scan# 11
Delta R.T. -0.011 min
Lab File: BN029033.D
Acq: 03 Dec 2023 23:28

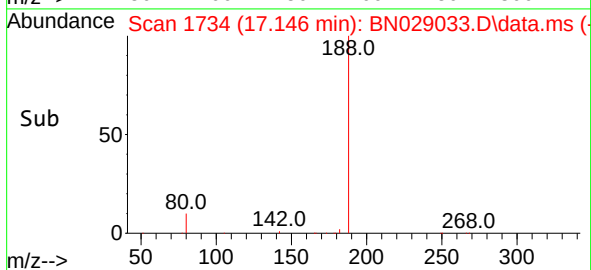
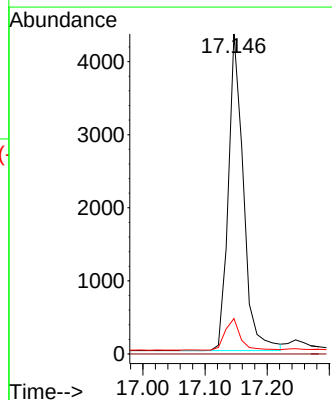
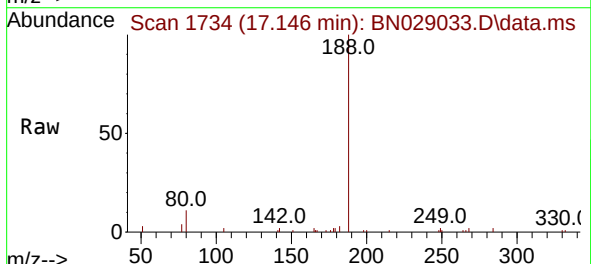
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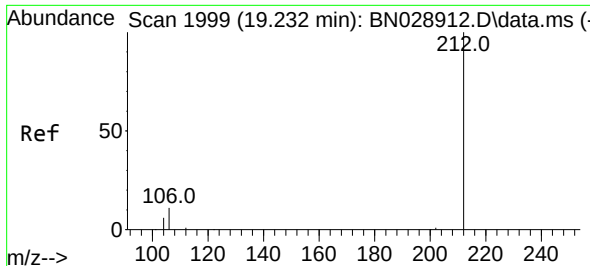
Tgt Ion:172 Resp: 5083
Ion Ratio Lower Upper
172 100
171 37.6 29.0 43.4
170 25.9 19.7 29.5



#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.146 min Scan# 1734
Delta R.T. -0.013 min
Lab File: BN029033.D
Acq: 03 Dec 2023 23:28

Tgt Ion:188 Resp: 7302
Ion Ratio Lower Upper
188 100
94 0.0 0.0 0.0
80 11.1 9.0 13.6

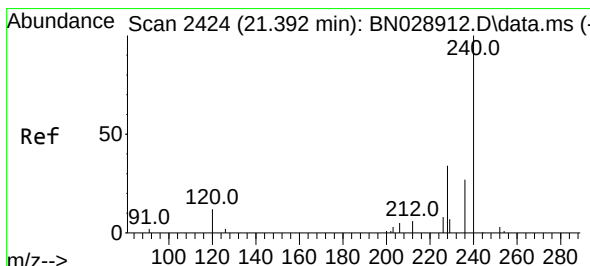
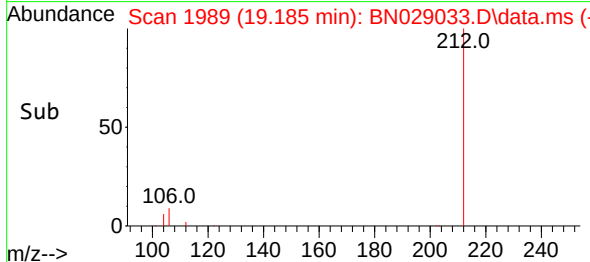
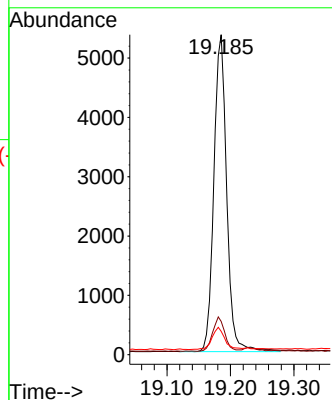
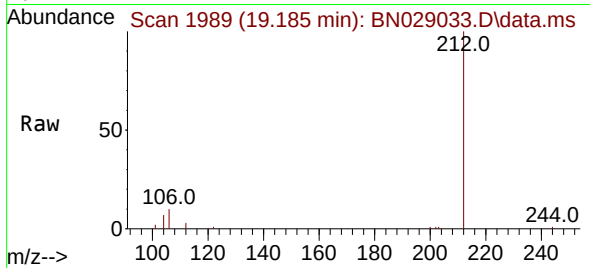




#27
Fluoranthene-d10
Concen: 0.389 ng
RT: 19.185 min Scan# 1919
Delta R.T. -0.005 min
Lab File: BN029033.D
Acq: 03 Dec 2023 23:28

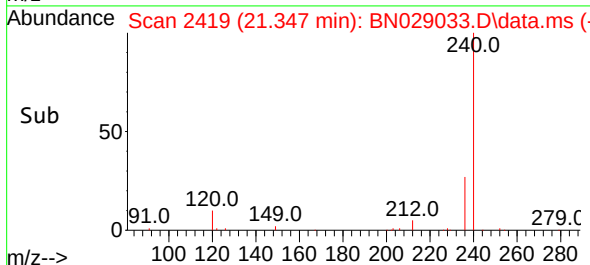
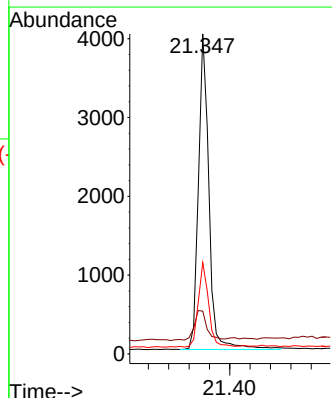
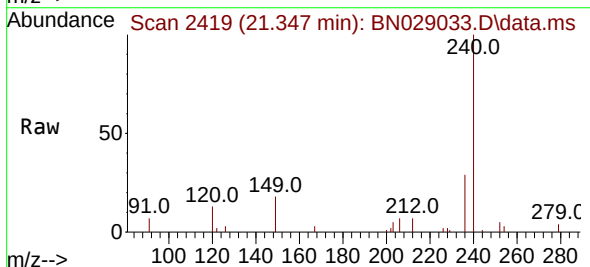
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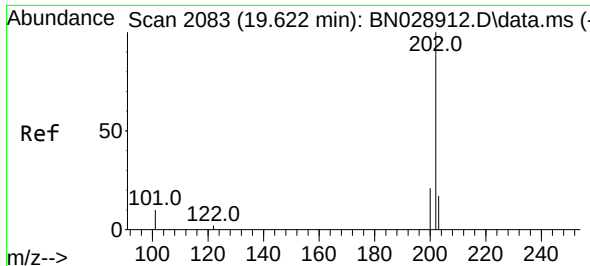
Tgt Ion:212 Resp: 7480
Ion Ratio Lower Upper
212 100
106 10.3 9.4 14.2
104 6.9 6.2 9.2



#29
Chrysene-d12
Concen: 0.400 ng
RT: 21.347 min Scan# 2419
Delta R.T. -0.000 min
Lab File: BN029033.D
Acq: 03 Dec 2023 23:28

Tgt Ion:240 Resp: 5743
Ion Ratio Lower Upper
240 100
120 13.4 37.1 55.7#
236 28.5 32.4 48.6#

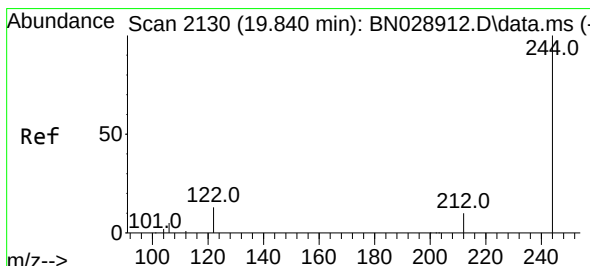
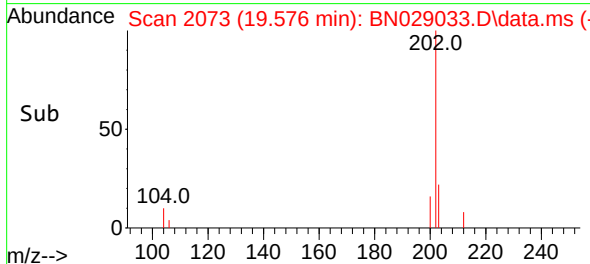
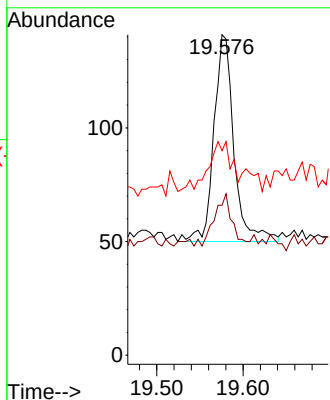
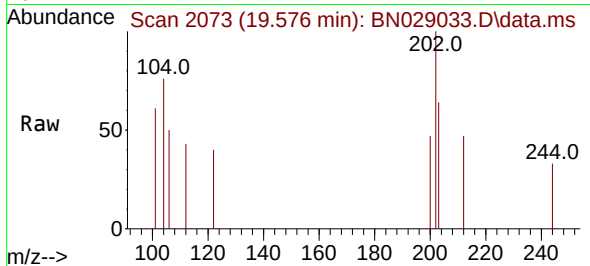




#30
 Pyrene
 Concen: 0.097 ng
 RT: 19.576 min Scan# 20
 Delta R.T. -0.005 min
 Lab File: BN029033.D
 Acq: 03 Dec 2023 23:28

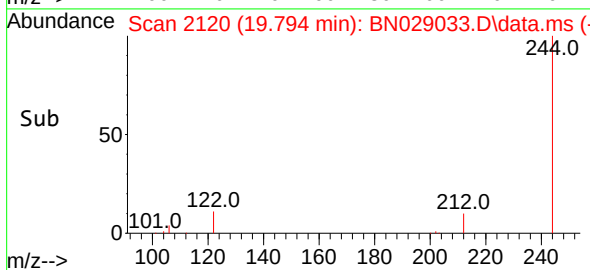
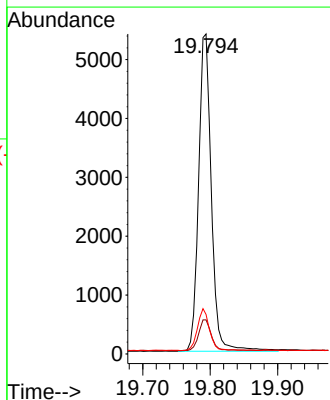
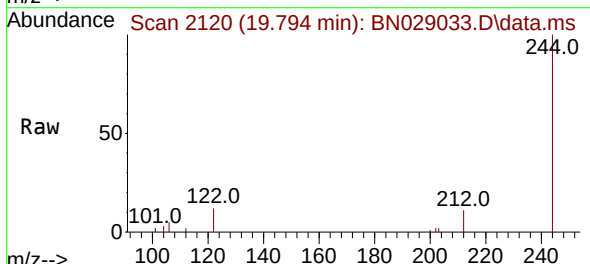
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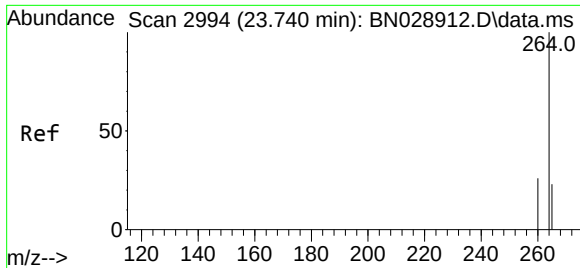
Tgt Ion:202 Resp: 147
 Ion Ratio Lower Upper
 202 100
 200 21.1 16.9 25.3
 203 23.8 14.8 22.2#



#31
 Terphenyl-d14
 Concen: 0.421 ng
 RT: 19.794 min Scan# 2120
 Delta R.T. -0.000 min
 Lab File: BN029033.D
 Acq: 03 Dec 2023 23:28

Tgt Ion:244 Resp: 7084
 Ion Ratio Lower Upper
 244 100
 212 10.6 11.5 17.3#
 122 12.3 13.2 19.8#





#35
 Perylene-d12
 Concen: 0.400 ng
 RT: 23.670 min Scan# 24
 Delta R.T. -0.000 min
 Lab File: BN029033.D
 Acq: 03 Dec 2023 23:28

Instrument :
 BNA_N
 ClientSampleId :
 EB20231114

Tgt Ion:	264	Resp:	5356
Ion Ratio	Lower	Upper	
264	100		
260	26.6	20.6	30.8
265	74.4	464.5	696.7#

