

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN120323\
 Data File : BN029029.D
 Acq On : 03 Dec 2023 21:05
 Operator : MA/JU
 Sample : 05404-31
 Misc :
 ALS Vial : 84 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 RE103D2-20231110

Quant Time: Dec 04 02:22:45 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)

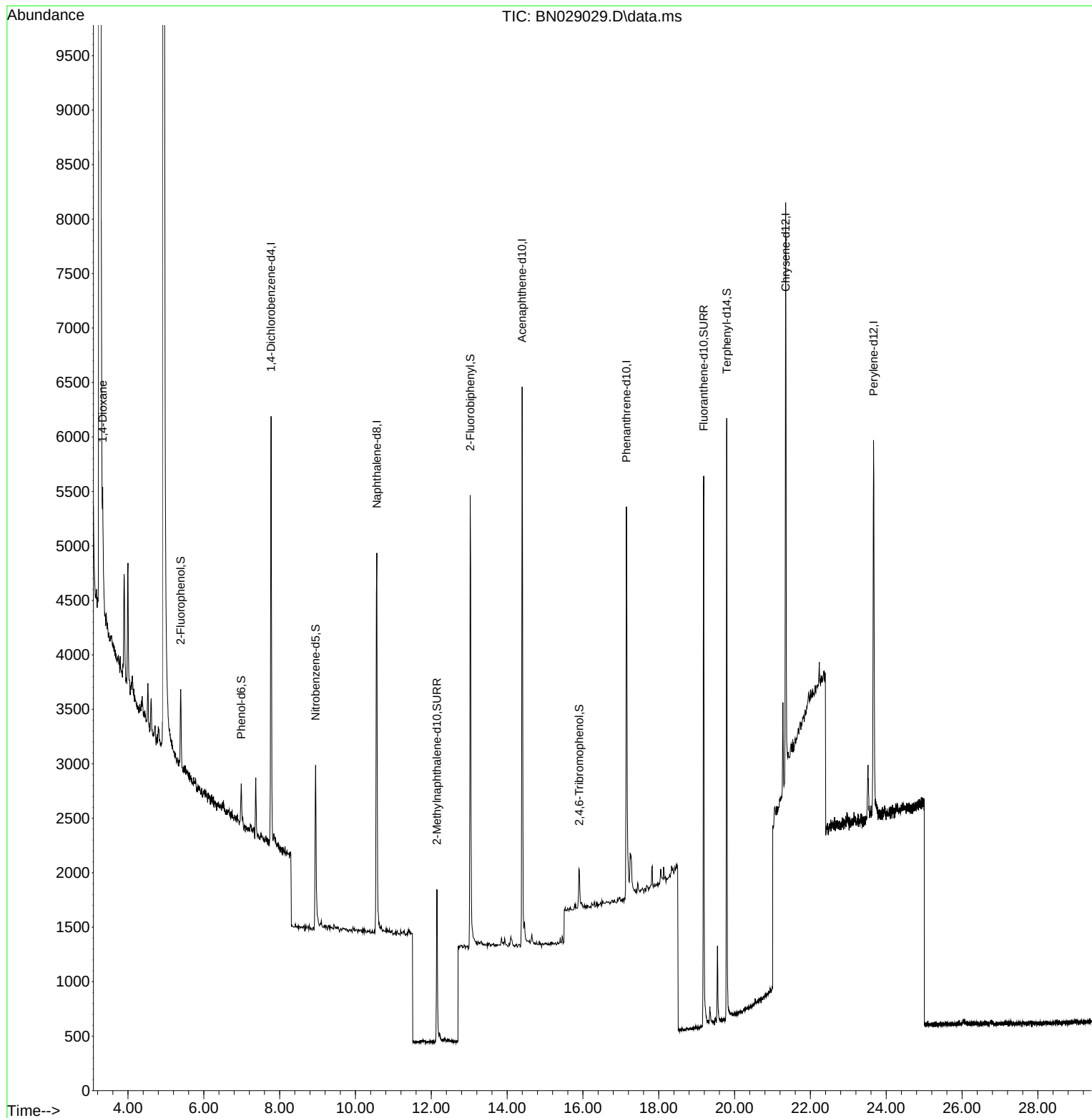
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.775	152	1852	0.400	ng	0.00
7) Naphthalene-d8	10.562	136	5076	0.400	ng	# 0.00
13) Acenaphthene-d10	14.396	164	3151	0.400	ng	-0.01
19) Phenanthrene-d10	17.146	188	6158	0.400	ng	-0.01
29) Chrysene-d12	21.347	240	5241	0.400	ng	# 0.00
35) Perylene-d12	23.667	264	5048	0.400	ng	# 0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.392	112	535	0.095	ng	0.00
5) Phenol-d6	6.988	99	326	0.052	ng	0.00
8) Nitrobenzene-d5	8.950	82	1470	0.291	ng	0.00
11) 2-Methylnaphthalene-d10	12.147	152	2118	0.260	ng	0.00
14) 2,4,6-Tribromophenol	15.905	330	315	0.148	ng	0.00
15) 2-Fluorobiphenyl	13.028	172	3935	0.289	ng	-0.01
27) Fluoranthene-d10	19.185	212	6187	0.382	ng	0.00
31) Terphenyl-d14	19.794	244	5802	0.393	ng	0.00
Target Compounds						
2) 1,4-Dioxane	3.333	88	564	0.311	ng	# 64

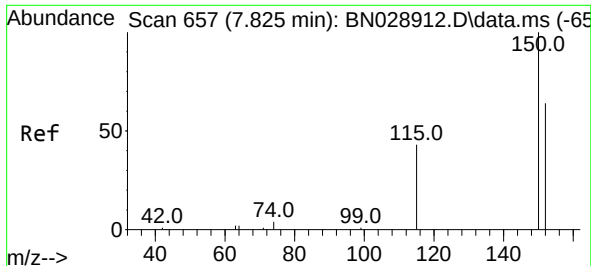
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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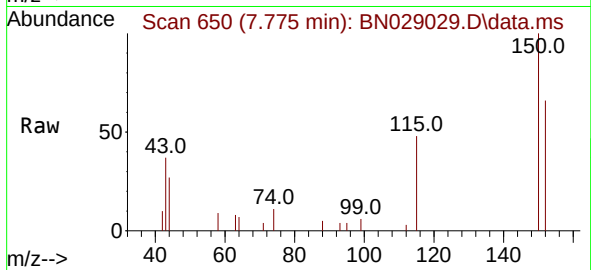
Quant Time: Dec 04 02:22:45 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN113023.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Dec 04 00:28:48 2023
Response via : Initial Calibration



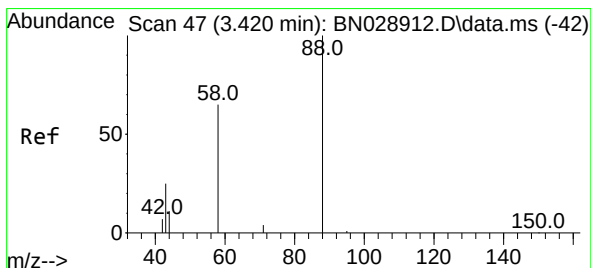
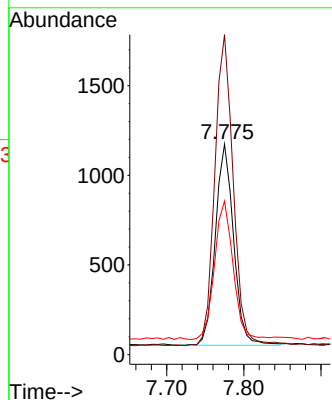
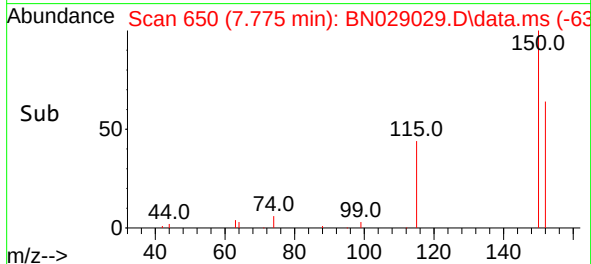


#1
 1,4-Dichlorobenzene-d4
 Concen: 0.400 ng
 RT: 7.775 min Scan# 61
 Delta R.T. -0.007 min
 Lab File: BN029029.D
 Acq: 03 Dec 2023 21:05

Instrument :
 BNA_N
 ClientSampleId :
 RE103D2-20231110

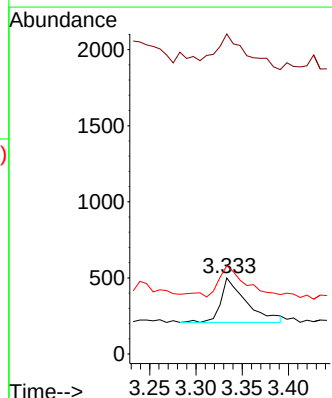
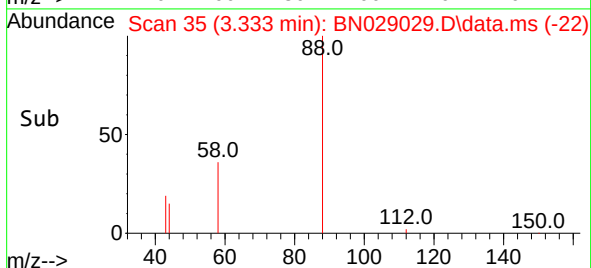
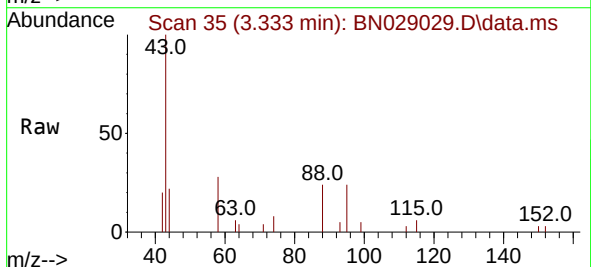


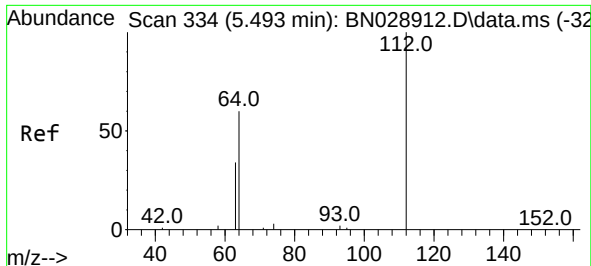
Tgt Ion:152 Resp: 1852
 Ion Ratio Lower Upper
 152 100
 150 152.0 123.4 185.2
 115 73.0 59.1 88.7



#2
 1,4-Dioxane
 Concen: 0.311 ng
 RT: 3.333 min Scan# 35
 Delta R.T. -0.007 min
 Lab File: BN029029.D
 Acq: 03 Dec 2023 21:05

Tgt Ion: 88 Resp: 564
 Ion Ratio Lower Upper
 88 100
 43 95.2 29.9 44.9#
 58 70.9 55.0 82.4

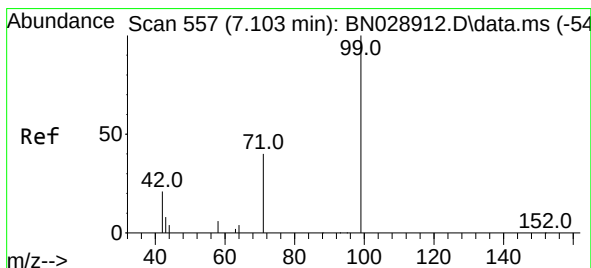
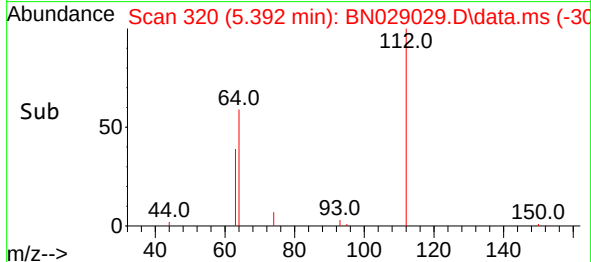
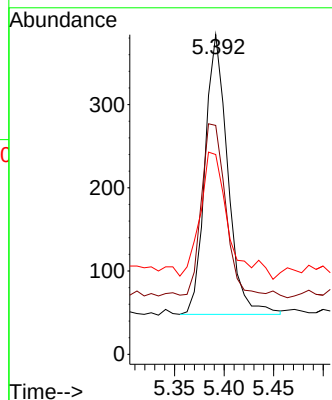
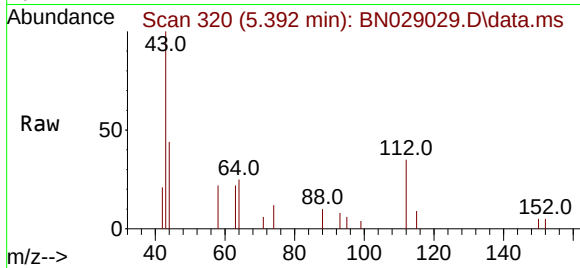




#4
2-Fluorophenol
Concen: 0.095 ng
RT: 5.392 min Scan# 31
Delta R.T. -0.007 min
Lab File: BN029029.D
Acq: 03 Dec 2023 21:05

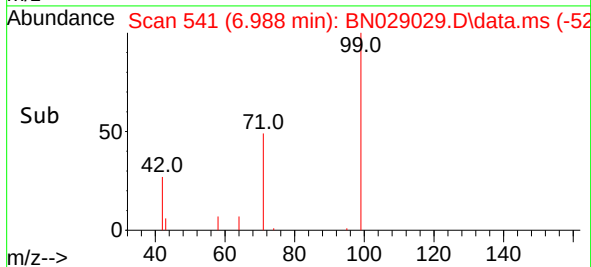
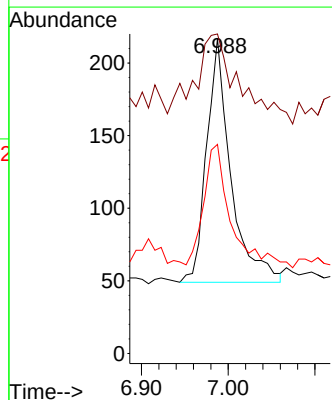
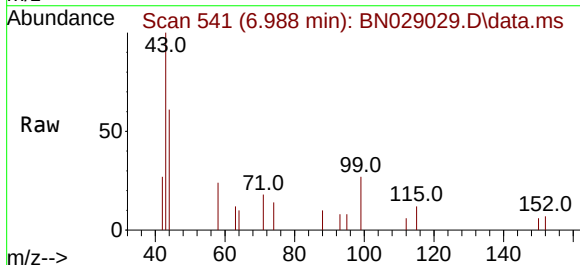
Instrument :
BNA_N
ClientSampleId :
RE103D2-20231110

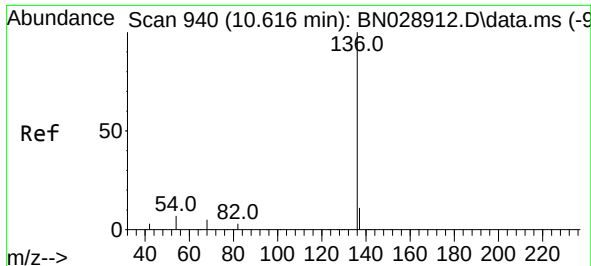
Tgt Ion:112 Resp: 535
Ion Ratio Lower Upper
112 100
64 69.2 51.5 77.3
63 56.3 30.4 45.6#



#5
Phenol-d6
Concen: 0.052 ng
RT: 6.988 min Scan# 541
Delta R.T. -0.000 min
Lab File: BN029029.D
Acq: 03 Dec 2023 21:05

Tgt Ion: 99 Resp: 326
Ion Ratio Lower Upper
99 100
42 60.7 21.2 31.8#
71 57.1 35.4 53.0#

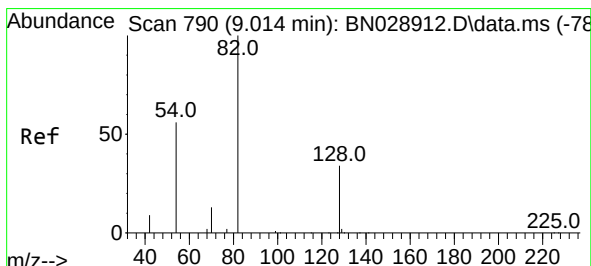
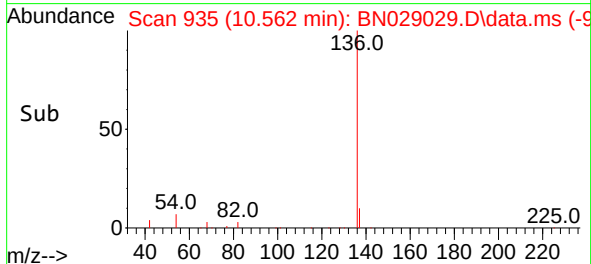
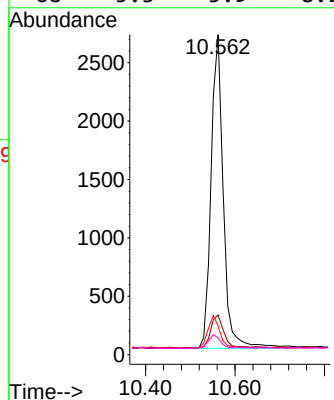
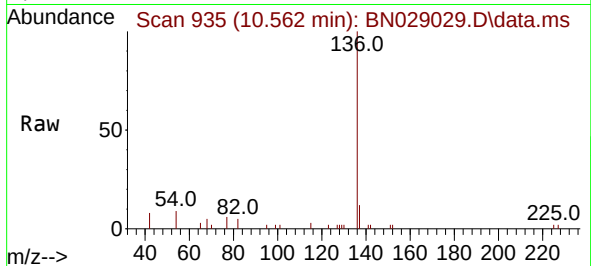




#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.562 min Scan# 91
Delta R.T. -0.000 min
Lab File: BN029029.D
Acq: 03 Dec 2023 21:05

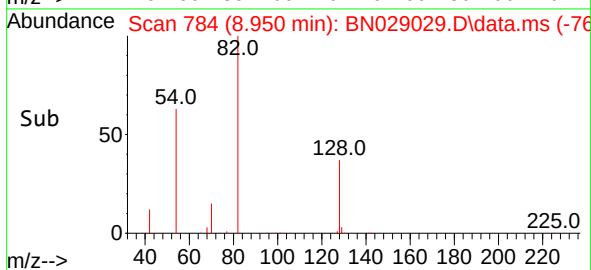
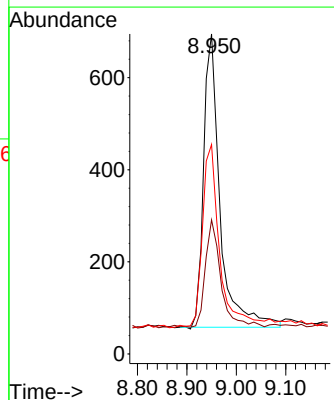
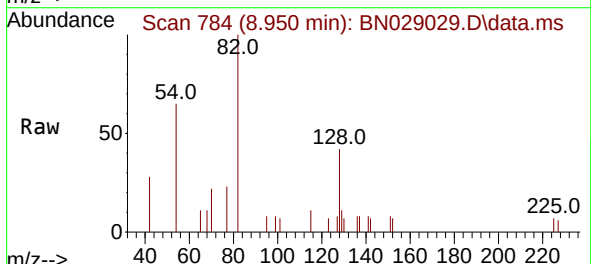
Instrument :
BNA_N
ClientSampleId :
RE103D2-20231110

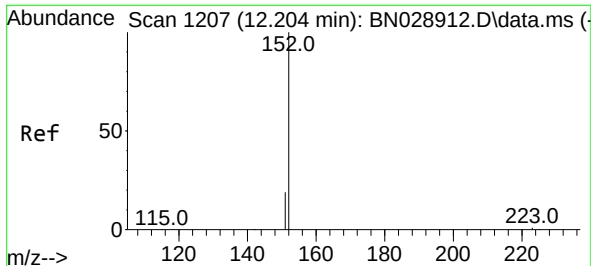
Tgt Ion:	136	Resp:	5076
Ion	Ratio	Lower	Upper
136	100		
137	12.4	10.6	16.0
54	8.9	7.5	11.3
68	5.3	5.9	8.9



#8
Nitrobenzene-d5
Concen: 0.291 ng
RT: 8.950 min Scan# 784
Delta R.T. -0.000 min
Lab File: BN029029.D
Acq: 03 Dec 2023 21:05

Tgt Ion:	82	Resp:	1470
Ion	Ratio	Lower	Upper
82	100		
128	41.9	29.2	43.8
54	65.5	47.0	70.6

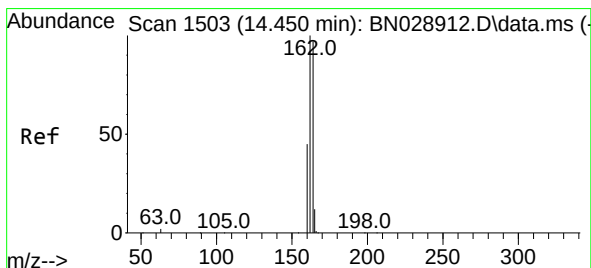
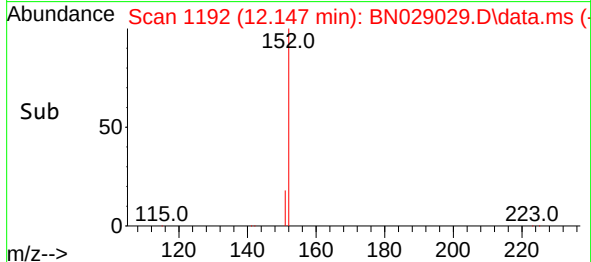
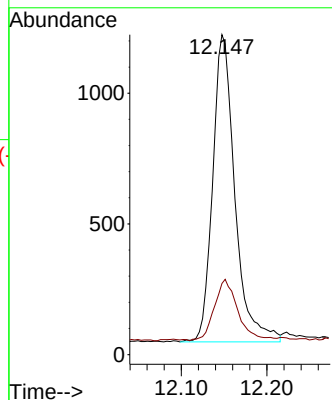
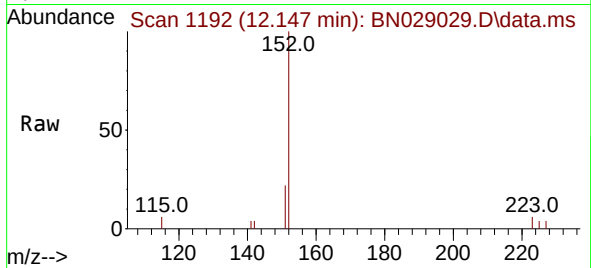




#11
2-Methylnaphthalene-d10
Concen: 0.260 ng
RT: 12.147 min Scan# 1118
Delta R.T. -0.004 min
Lab File: BN029029.D
Acq: 03 Dec 2023 21:05

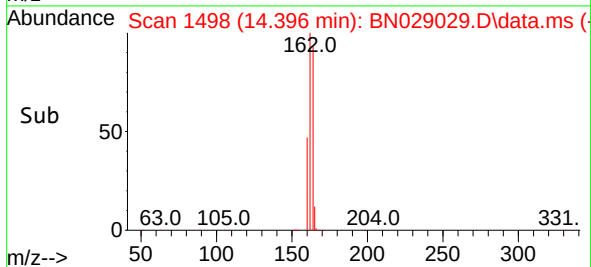
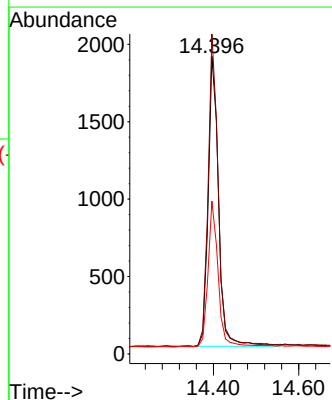
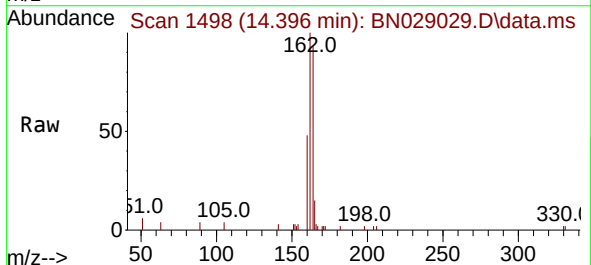
Instrument :
BNA_N
ClientSampleId :
RE103D2-20231110

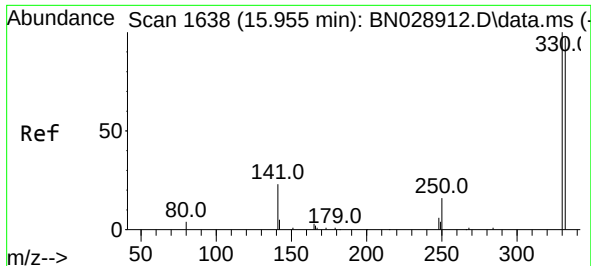
Tgt Ion:152 Resp: 2118
Ion Ratio Lower Upper
152 100
151 21.4 16.7 25.1



#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.396 min Scan# 1498
Delta R.T. -0.011 min
Lab File: BN029029.D
Acq: 03 Dec 2023 21:05

Tgt Ion:164 Resp: 3151
Ion Ratio Lower Upper
164 100
162 107.5 81.7 122.5
160 51.4 37.0 55.6

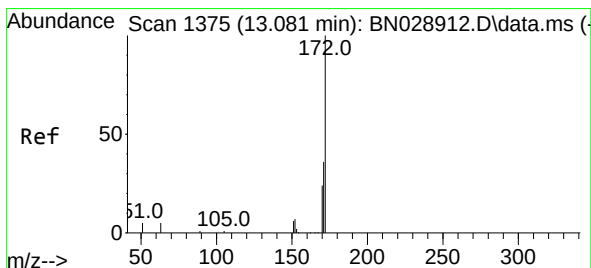
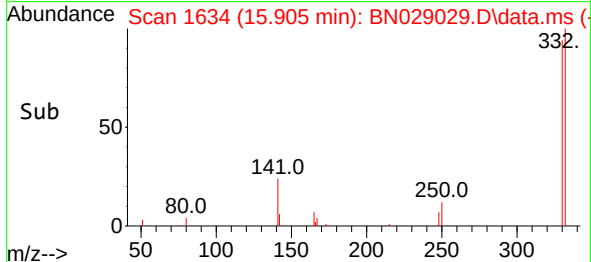
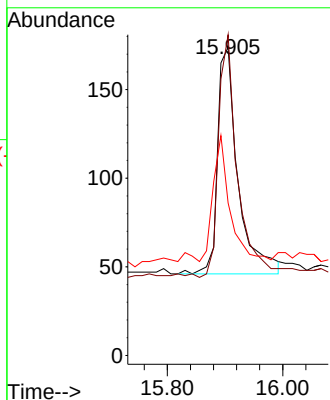
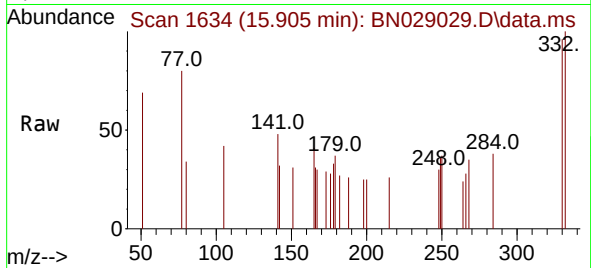




#14
2,4,6-Tribromophenol
Concen: 0.148 ng
RT: 15.905 min Scan# 1
Delta R.T. -0.000 min
Lab File: BN029029.D
Acq: 03 Dec 2023 21:05

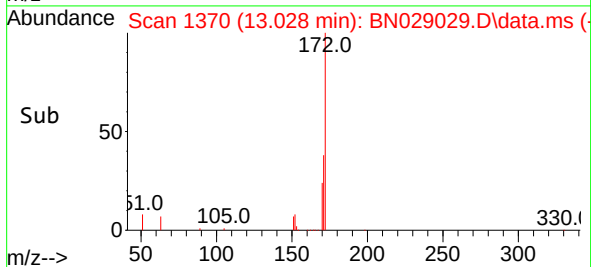
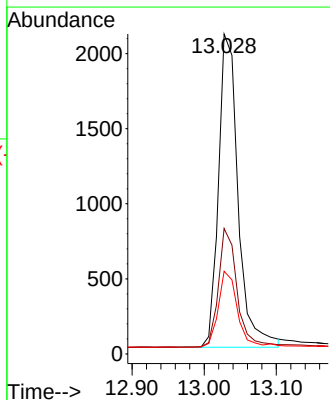
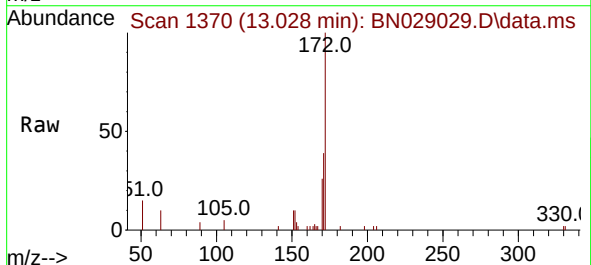
Instrument :
BNA_N
ClientSampleId :
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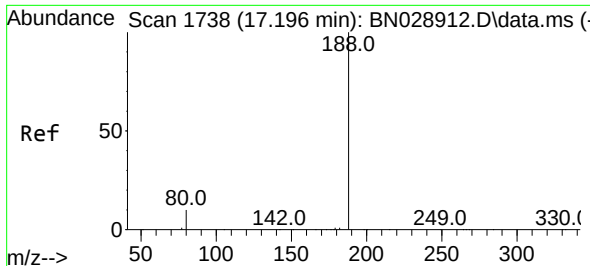
Tgt Ion:330 Resp: 315
Ion Ratio Lower Upper
330 100
332 98.4 75.4 113.2
141 45.4 35.7 53.5



#15
2-Fluorobiphenyl
Concen: 0.289 ng
RT: 13.028 min Scan# 1370
Delta R.T. -0.011 min
Lab File: BN029029.D
Acq: 03 Dec 2023 21:05

Tgt Ion:172 Resp: 3935
Ion Ratio Lower Upper
172 100
171 39.2 29.0 43.4
170 25.9 19.7 29.5

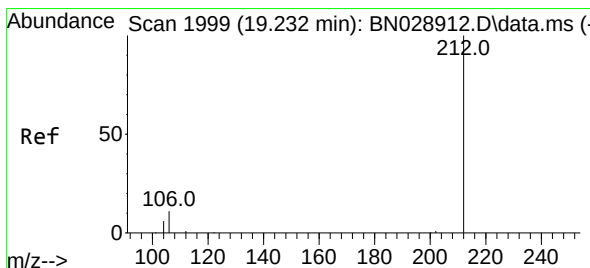
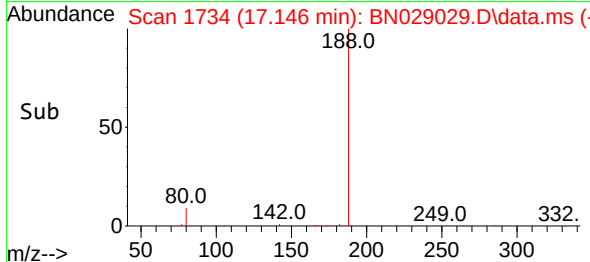
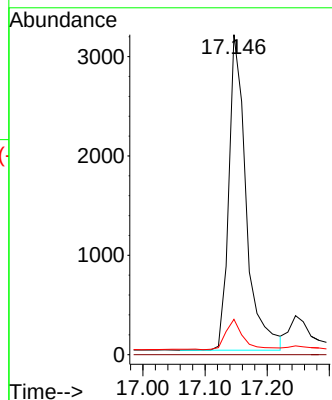
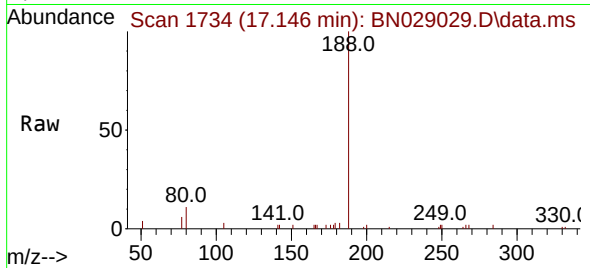




#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.146 min Scan# 11
Delta R.T. -0.013 min
Lab File: BN029029.D
Acq: 03 Dec 2023 21:05

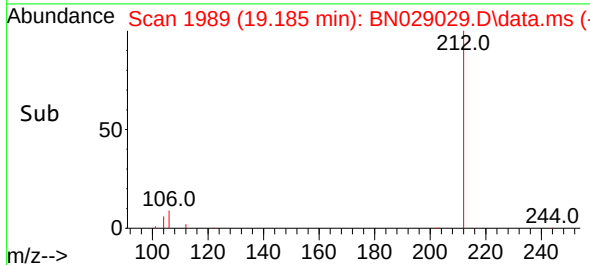
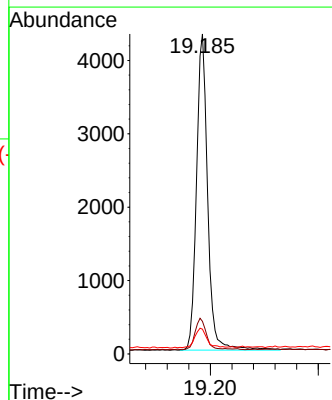
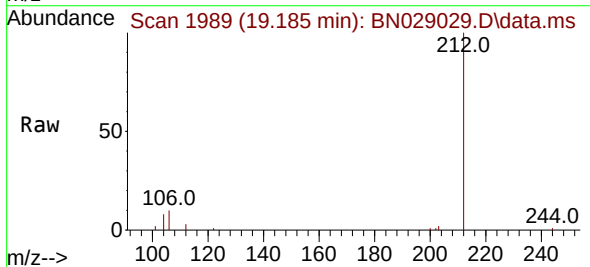
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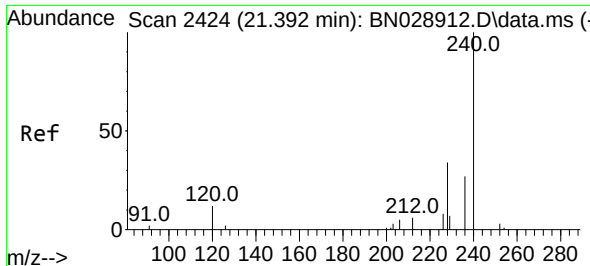
Tgt Ion:188 Resp: 6158
Ion Ratio Lower Upper
188 100
94 0.0 0.0 0.0
80 11.1 9.0 13.6



#27
Fluoranthene-d10
Concen: 0.382 ng
RT: 19.185 min Scan# 1989
Delta R.T. -0.005 min
Lab File: BN029029.D
Acq: 03 Dec 2023 21:05

Tgt Ion:212 Resp: 6187
Ion Ratio Lower Upper
212 100
106 9.7 9.4 14.2
104 7.1 6.2 9.2

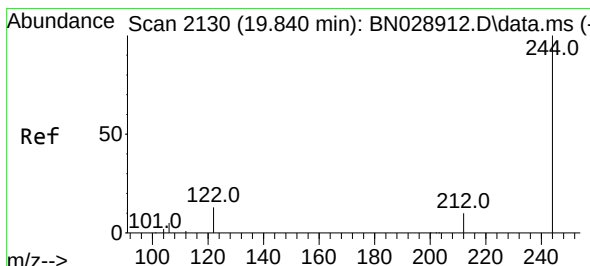
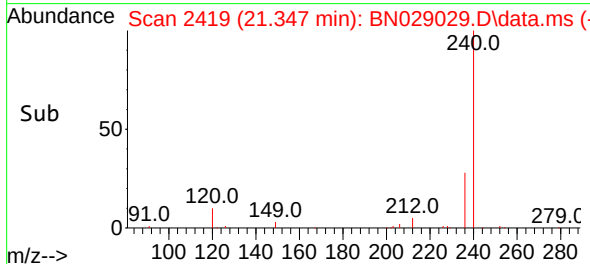
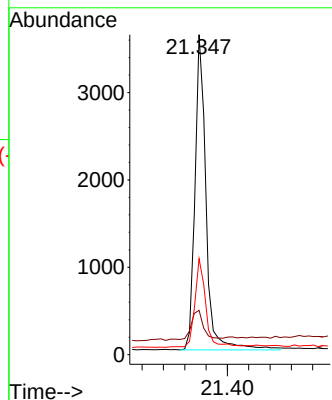
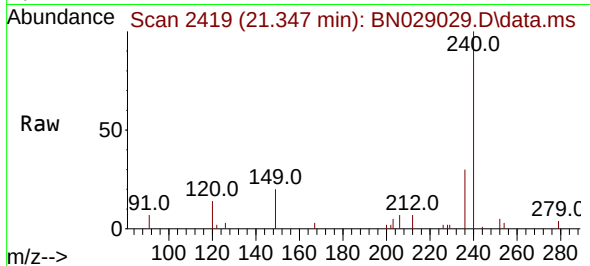




#29
Chrysene-d12
Concen: 0.400 ng
RT: 21.347 min Scan# 2419
Delta R.T. -0.000 min
Lab File: BN029029.D
Acq: 03 Dec 2023 21:05

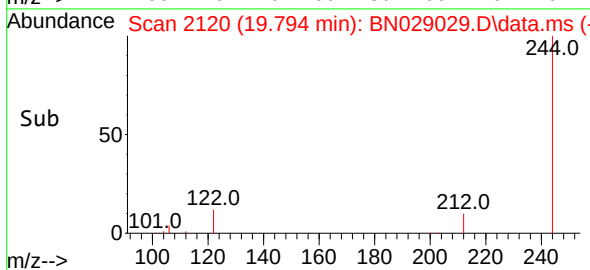
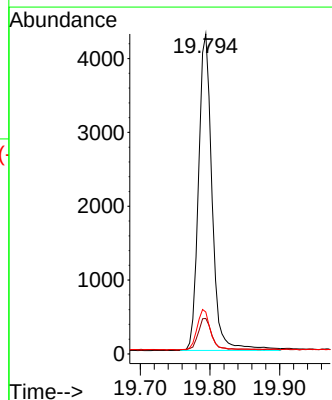
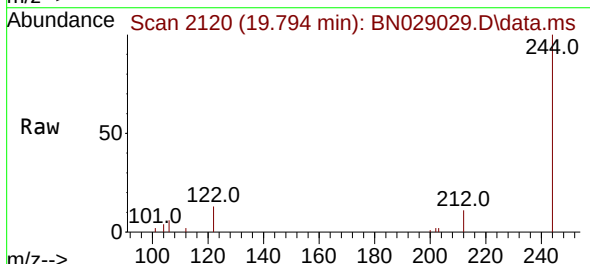
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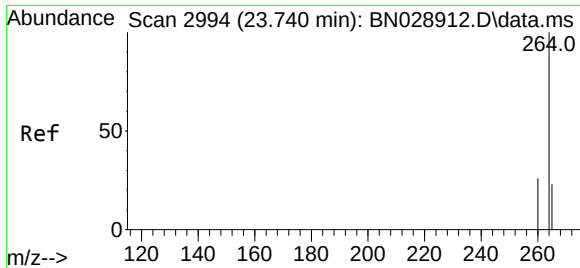
Tgt Ion:240 Resp: 5241
Ion Ratio Lower Upper
240 100
120 13.9 37.1 55.7#
236 30.0 32.4 48.6#



#31
Terphenyl-d14
Concen: 0.393 ng
RT: 19.794 min Scan# 2120
Delta R.T. -0.000 min
Lab File: BN029029.D
Acq: 03 Dec 2023 21:05

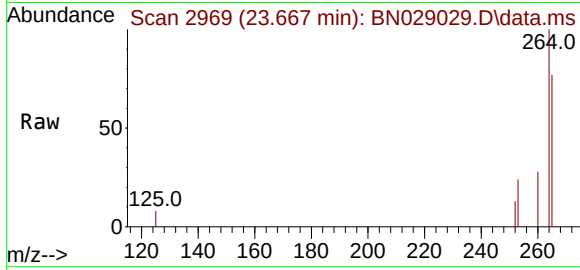
Tgt Ion:244 Resp: 5802
Ion Ratio Lower Upper
244 100
212 11.1 11.5 17.3#
122 13.1 13.2 19.8#





#35
 Perylene-d12
 Concen: 0.400 ng
 RT: 23.667 min Scan# 2994
 Delta R.T. -0.003 min
 Lab File: BN029029.D
 Acq: 03 Dec 2023 21:05

Instrument :
 BNA_N
 ClientSampleId :
 RE103D2-20231110



Tgt Ion:264 Resp: 5048
 Ion Ratio Lower Upper
 264 100
 260 27.7 20.6 30.8
 265 77.0 464.5 696.7#

