

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN120323\
 Data File : BN029017.D
 Acq On : 03 Dec 2023 12:45
 Operator : MA/JU
 Sample : 05404-24
 Misc :
 ALS Vial : 71 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 DUP02-20231109

Quant Time: Dec 04 00:43:09 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)

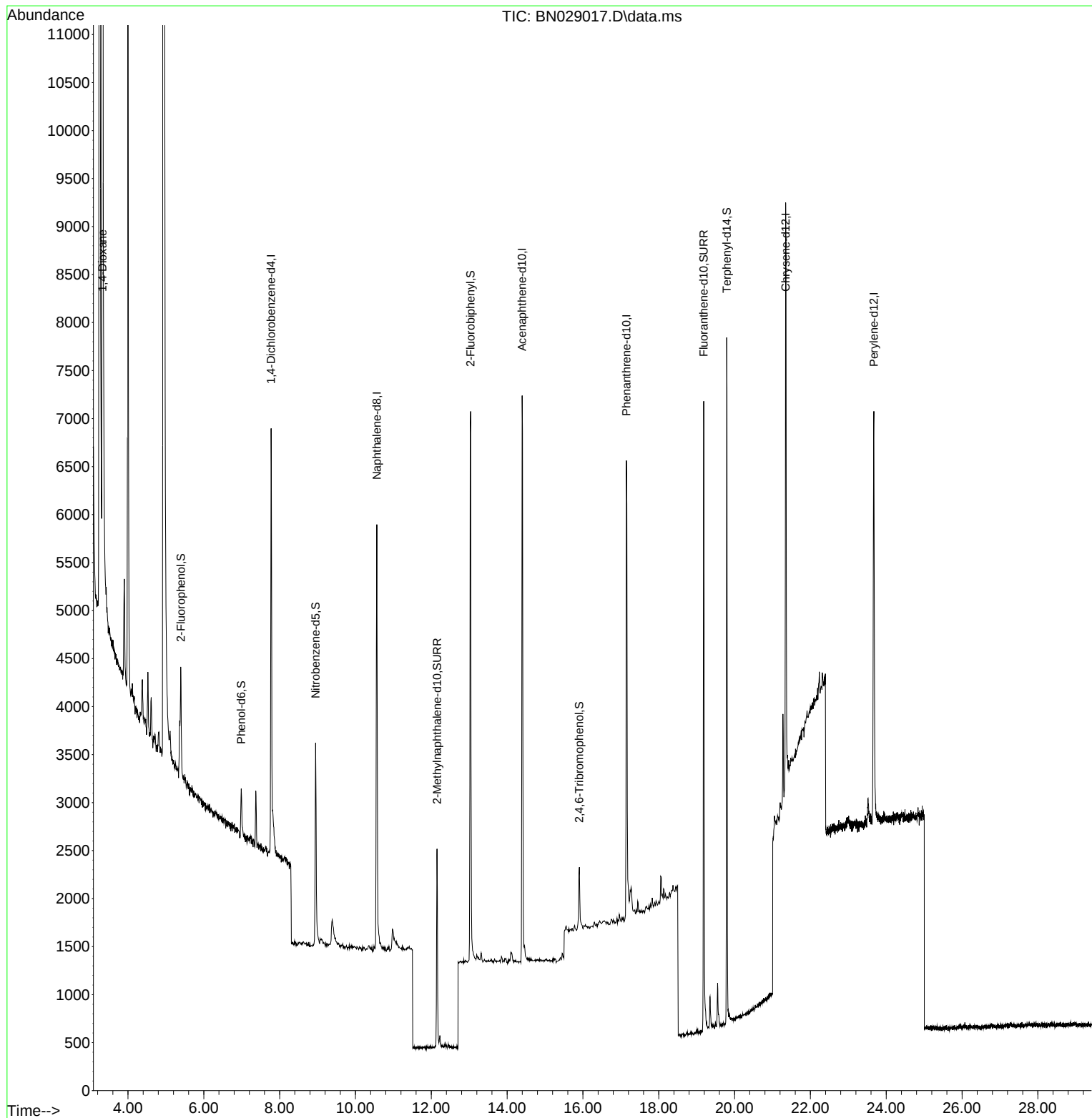
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.775	152	2147	0.400	ng	0.00
7) Naphthalene-d8	10.562	136	6035	0.400	ng	# 0.00
13) Acenaphthene-d10	14.396	164	3800	0.400	ng	-0.01
19) Phenanthrene-d10	17.147	188	8019	0.400	ng	#-0.01
29) Chrysene-d12	21.347	240	6470	0.400	ng	# 0.00
35) Perylene-d12	23.673	264	6224	0.400	ng	# 0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.399	112	730	0.112	ng	0.00
5) Phenol-d6	6.988	99	456	0.063	ng	0.00
8) Nitrobenzene-d5	8.950	82	1958	0.326	ng	0.00
11) 2-Methylnaphthalene-d10	12.151	152	2987	0.308	ng	0.00
14) 2,4,6-Tribromophenol	15.905	330	496	0.193	ng	0.00
15) 2-Fluorobiphenyl	13.039	172	5629	0.343	ng	0.00
27) Fluoranthene-d10	19.186	212	7869	0.373	ng	0.00
31) Terphenyl-d14	19.794	244	7381	0.400	ng	0.00
Target Compounds						
2) 1,4-Dioxane	3.326	88	14163	6.736	ng	Qvalue # 93

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

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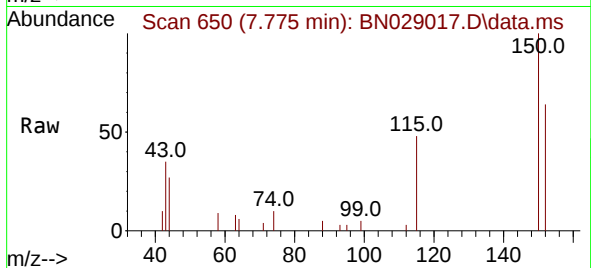
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Dec 04 00:28:48 2023
Response via : Initial Calibration



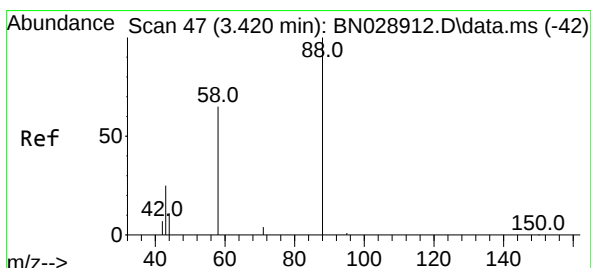
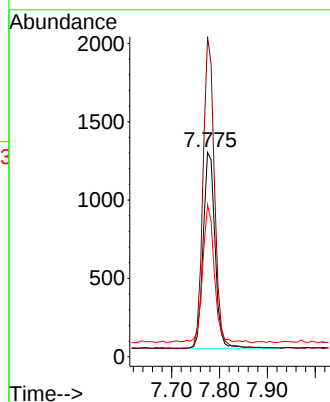
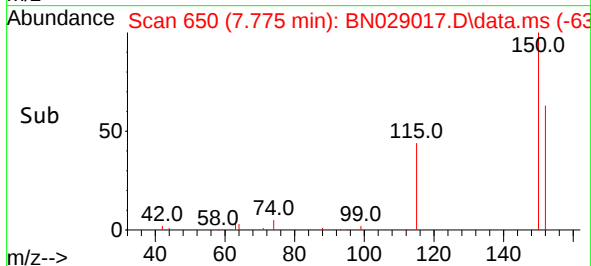


#1
 1,4-Dichlorobenzene-d4
 Concen: 0.400 ng
 RT: 7.775 min Scan# 61
 Delta R.T. -0.007 min
 Lab File: BN029017.D
 Acq: 03 Dec 2023 12:45

Instrument :
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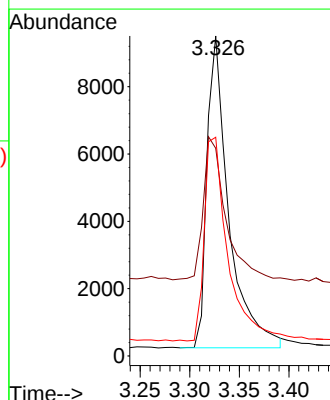
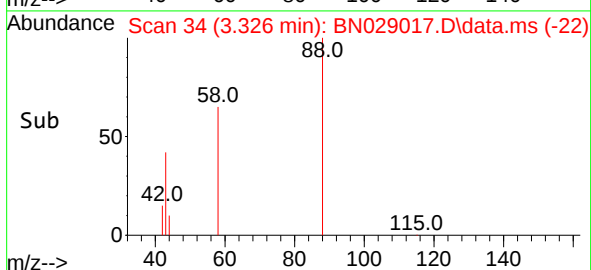
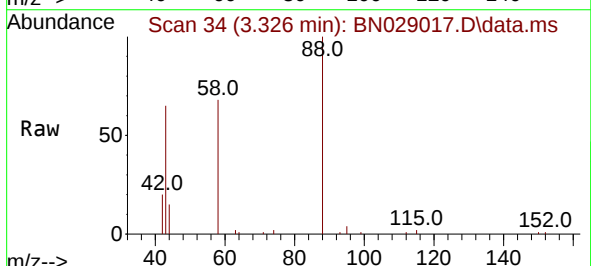


Tgt Ion:152 Resp: 2147
 Ion Ratio Lower Upper
 152 100
 150 156.6 123.4 185.2
 115 74.4 59.1 88.7



#2
 1,4-Dioxane
 Concen: 6.736 ng
 RT: 3.326 min Scan# 34
 Delta R.T. -0.014 min
 Lab File: BN029017.D
 Acq: 03 Dec 2023 12:45

Tgt Ion: 88 Resp: 14163
 Ion Ratio Lower Upper
 88 100
 43 47.0 29.9 44.9#
 58 70.5 55.0 82.4

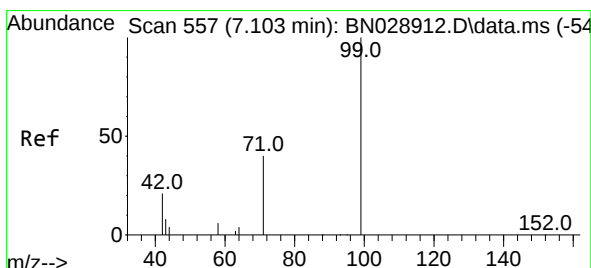
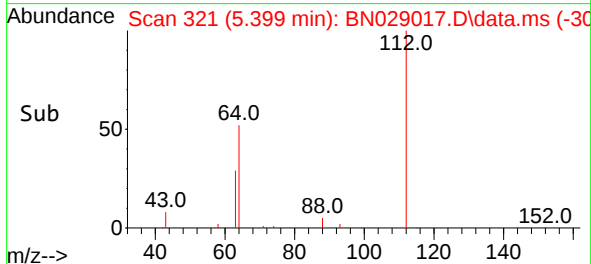
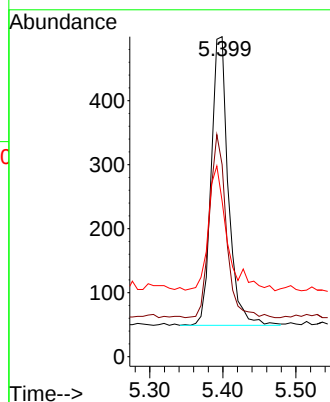
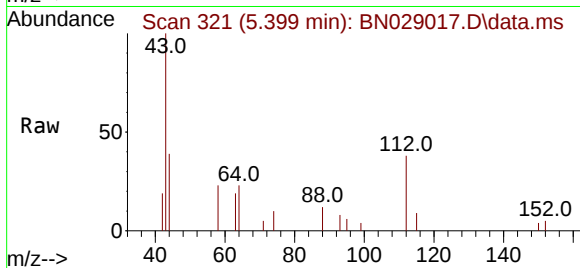




#4
2-Fluorophenol
Concen: 0.112 ng
RT: 5.399 min Scan# 311
Delta R.T. 0.000 min
Lab File: BN029017.D
Acq: 03 Dec 2023 12:45

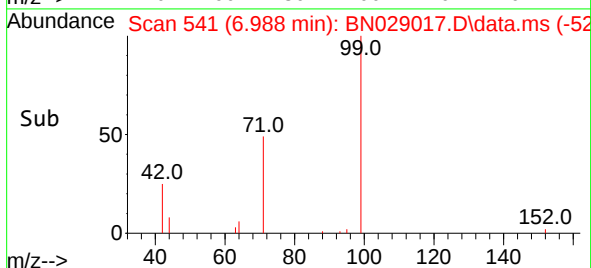
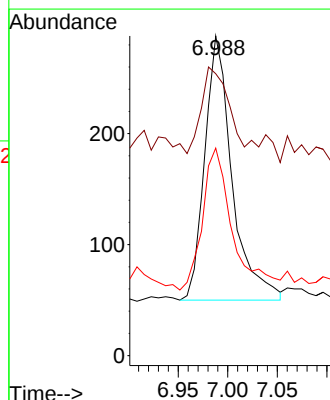
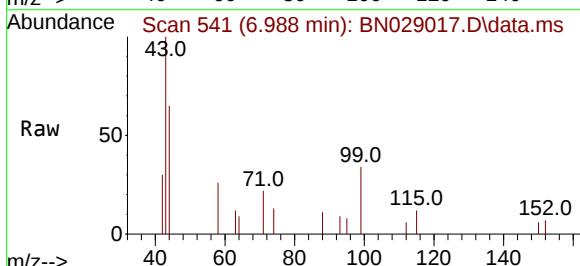
Instrument :
BNA_N
ClientSampleId :
DUP02-20231109

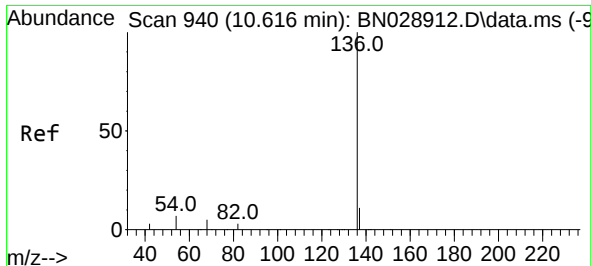
Tgt Ion:112 Resp: 730
Ion Ratio Lower Upper
112 100
64 62.5 51.5 77.3
63 47.7 30.4 45.6#



#5
Phenol-d6
Concen: 0.063 ng
RT: 6.988 min Scan# 541
Delta R.T. 0.000 min
Lab File: BN029017.D
Acq: 03 Dec 2023 12:45

Tgt Ion: 99 Resp: 456
Ion Ratio Lower Upper
99 100
42 36.4 21.2 31.8#
71 58.6 35.4 53.0#

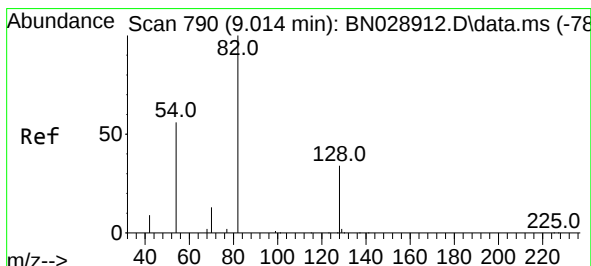
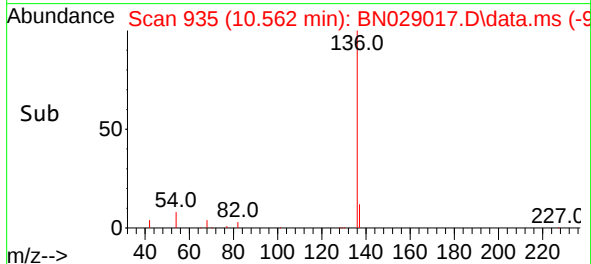
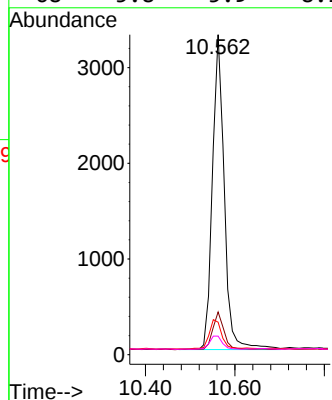
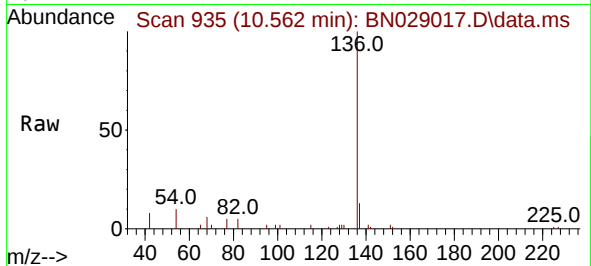




#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.562 min Scan# 91
Delta R.T. 0.000 min
Lab File: BN029017.D
Acq: 03 Dec 2023 12:45

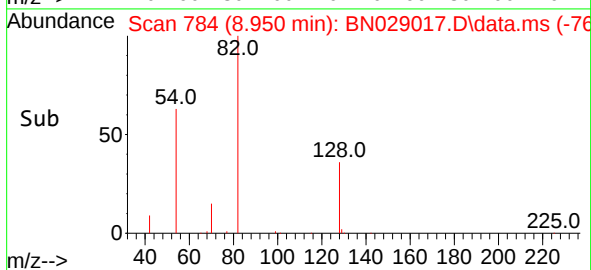
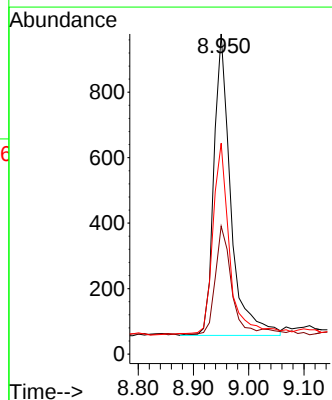
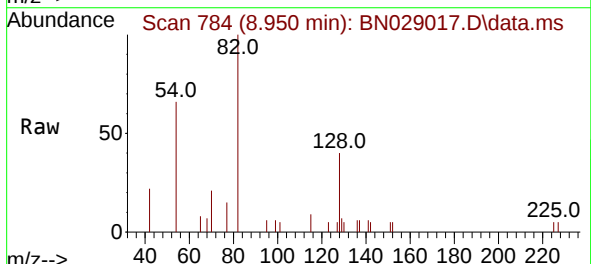
Instrument :
BNA_N
ClientSampleId :
DUP02-20231109

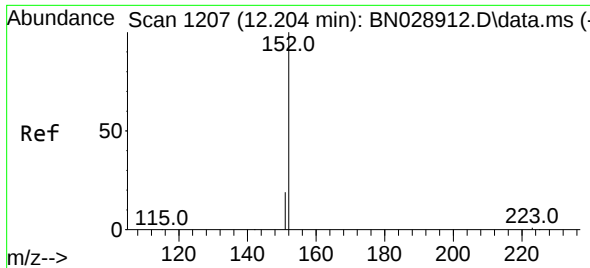
Tgt Ion:	136	Resp:	6035
Ion	Ratio	Lower	Upper
136	100		
137	13.3	10.6	16.0
54	10.2	7.5	11.3
68	5.8	5.9	8.9



#8
Nitrobenzene-d5
Concen: 0.326 ng
RT: 8.950 min Scan# 784
Delta R.T. 0.000 min
Lab File: BN029017.D
Acq: 03 Dec 2023 12:45

Tgt Ion:	82	Resp:	1958
Ion	Ratio	Lower	Upper
82	100		
128	40.0	29.2	43.8
54	65.8	47.0	70.6

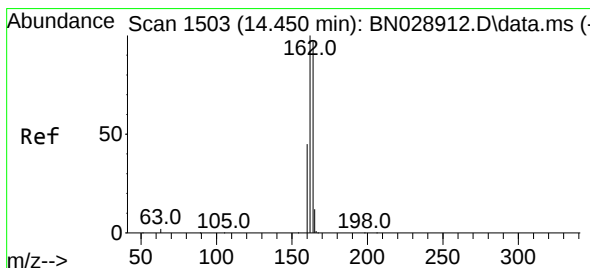
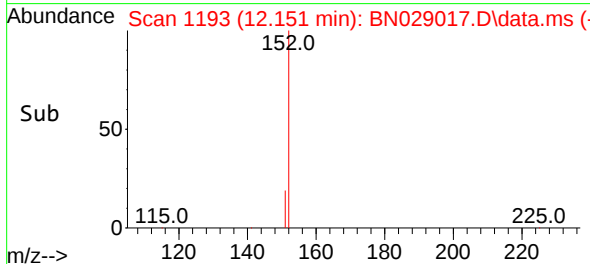
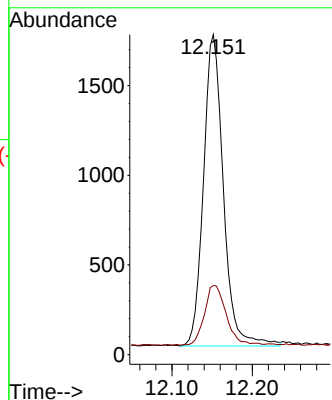
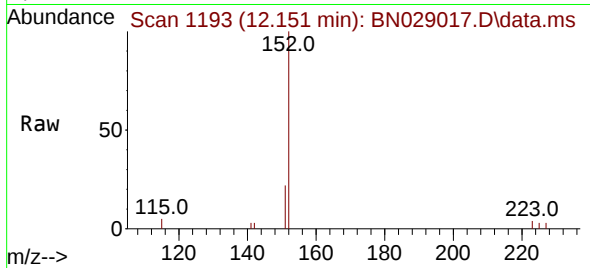




#11
2-Methylnaphthalene-d10
Concen: 0.308 ng
RT: 12.151 min Scan# 1193
Delta R.T. 0.000 min
Lab File: BN029017.D
Acq: 03 Dec 2023 12:45

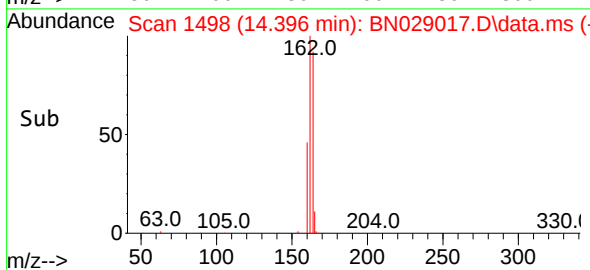
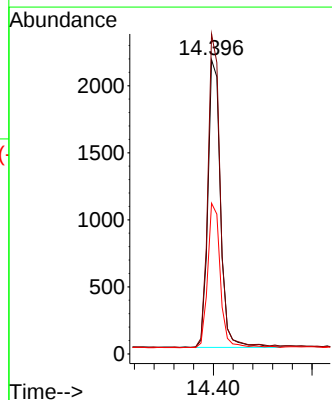
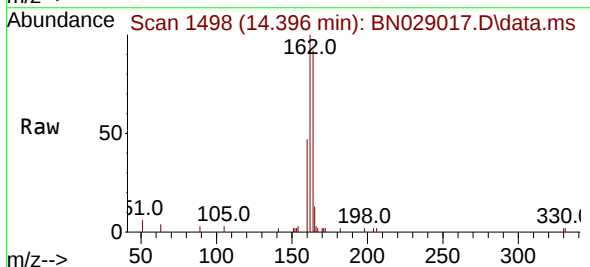
Instrument :
BNA_N
ClientSampleId :
DUP02-20231109

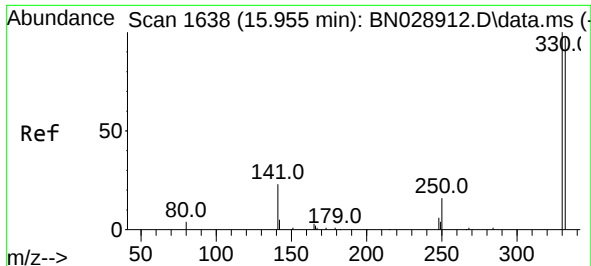
Tgt Ion:152 Resp: 2987
Ion Ratio Lower Upper
152 100
151 20.4 16.7 25.1



#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.396 min Scan# 1498
Delta R.T. -0.011 min
Lab File: BN029017.D
Acq: 03 Dec 2023 12:45

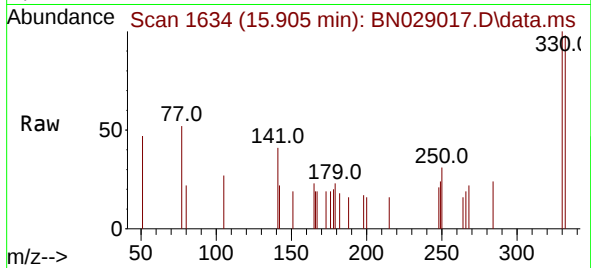
Tgt Ion:164 Resp: 3800
Ion Ratio Lower Upper
164 100
162 108.8 81.7 122.5
160 51.3 37.0 55.6



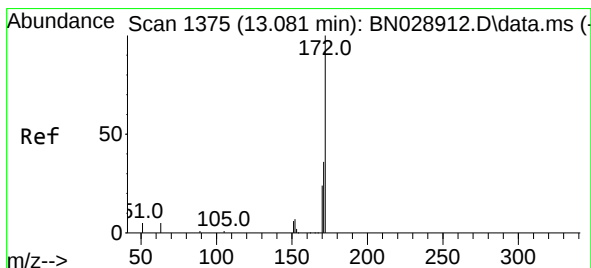
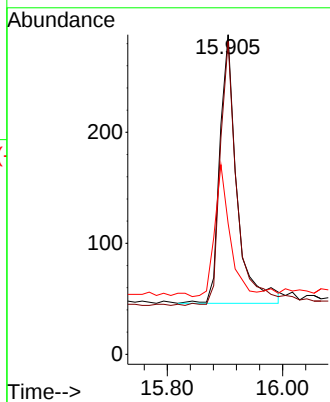
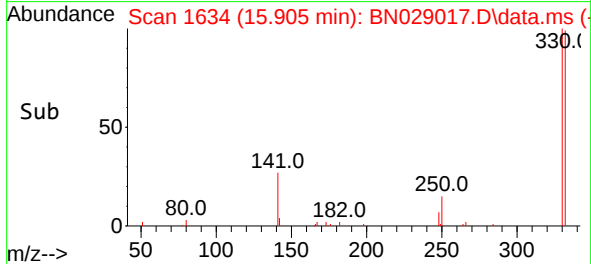


#14
2,4,6-Tribromophenol
Concen: 0.193 ng
RT: 15.905 min Scan# 1634
Delta R.T. 0.000 min
Lab File: BN029017.D
Acq: 03 Dec 2023 12:45

Instrument :
BNA_N
ClientSampleId :
DUP02-20231109

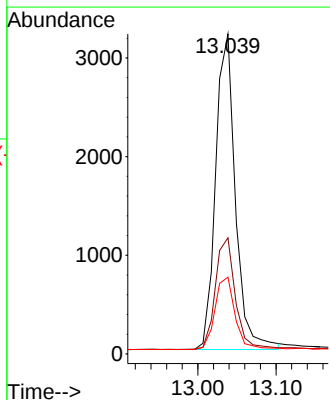
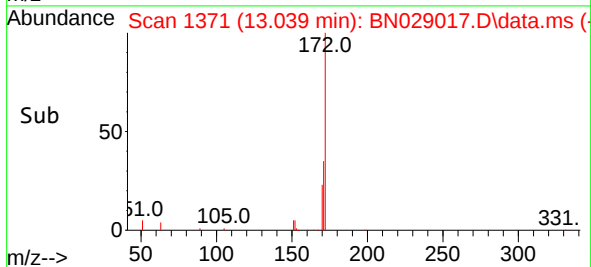
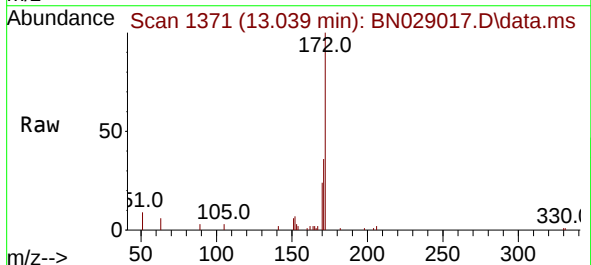


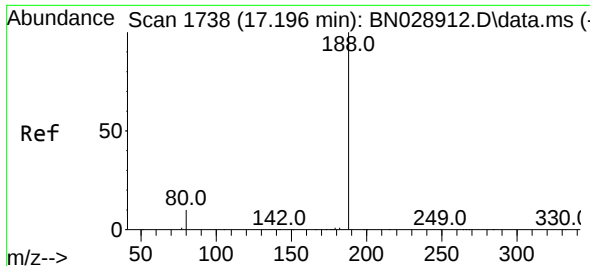
Tgt Ion:330 Resp: 496
Ion Ratio Lower Upper
330 100
332 97.4 75.4 113.2
141 44.0 35.7 53.5



#15
2-Fluorobiphenyl
Concen: 0.343 ng
RT: 13.039 min Scan# 1371
Delta R.T. 0.000 min
Lab File: BN029017.D
Acq: 03 Dec 2023 12:45

Tgt Ion:172 Resp: 5629
Ion Ratio Lower Upper
172 100
171 36.3 29.0 43.4
170 24.0 19.7 29.5

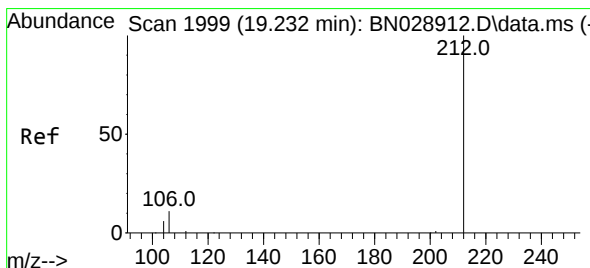
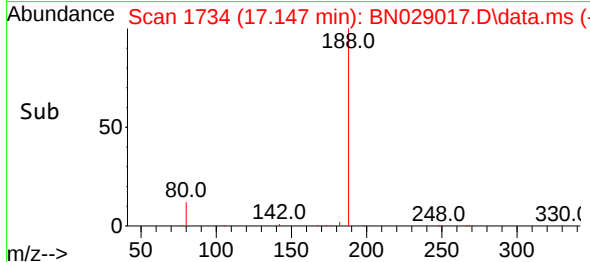
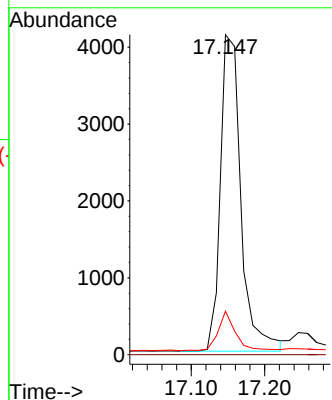
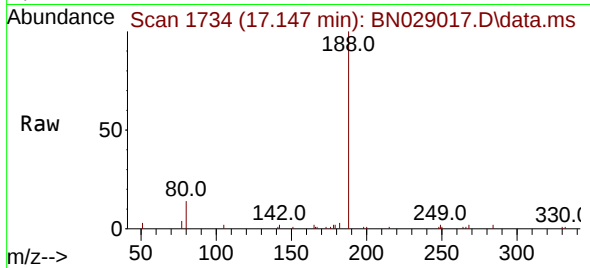




#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.147 min Scan# 11
Delta R.T. -0.012 min
Lab File: BN029017.D
Acq: 03 Dec 2023 12:45

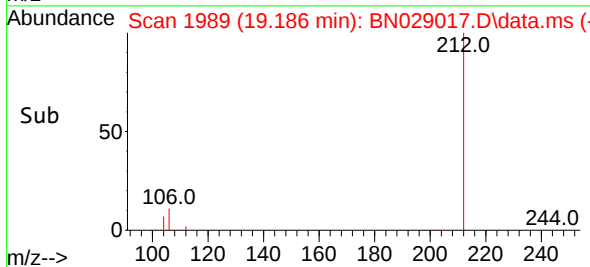
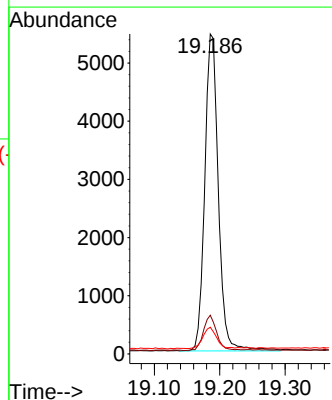
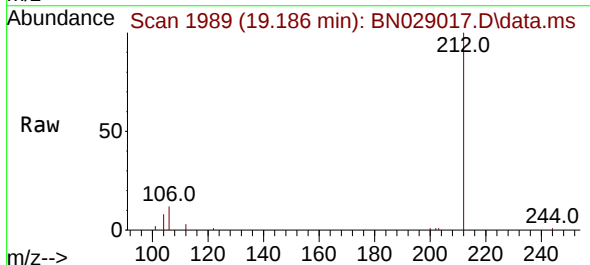
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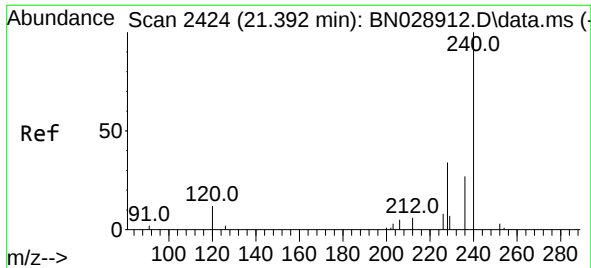
Tgt Ion:188 Resp: 8019
Ion Ratio Lower Upper
188 100
94 0.0 0.0 0.0
80 13.6 9.0 13.6#



#27
Fluoranthene-d10
Concen: 0.373 ng
RT: 19.186 min Scan# 1989
Delta R.T. -0.005 min
Lab File: BN029017.D
Acq: 03 Dec 2023 12:45

Tgt Ion:212 Resp: 7869
Ion Ratio Lower Upper
212 100
106 10.8 9.4 14.2
104 6.7 6.2 9.2

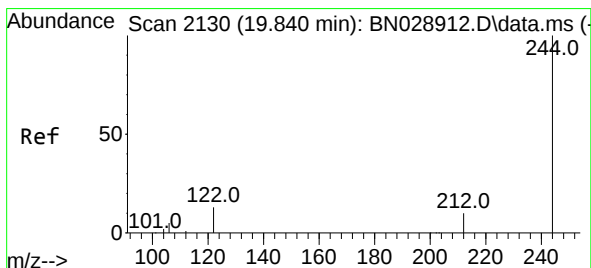
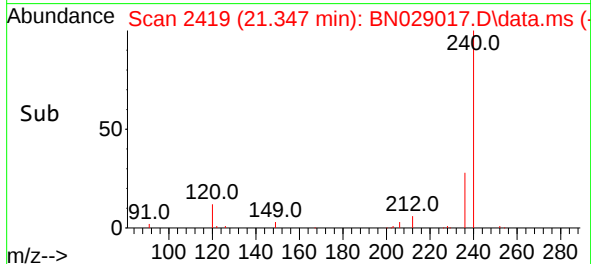
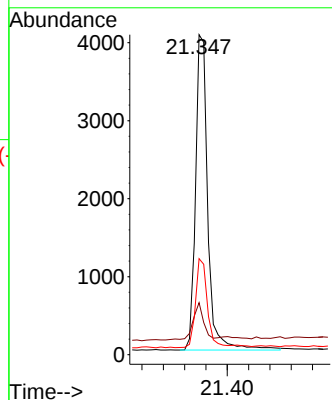
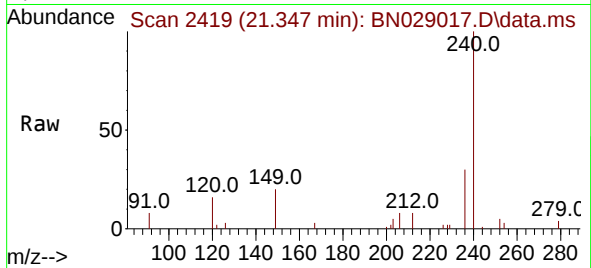




#29
Chrysene-d12
Concen: 0.400 ng
RT: 21.347 min Scan# 2419
Delta R.T. 0.000 min
Lab File: BN029017.D
Acq: 03 Dec 2023 12:45

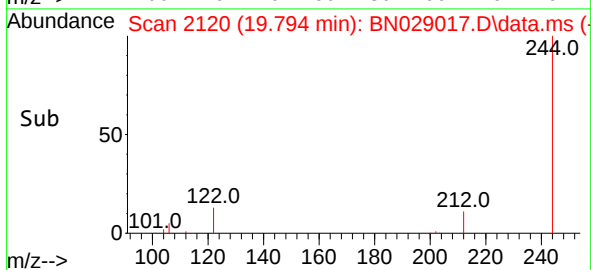
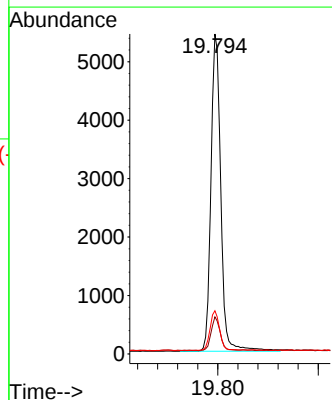
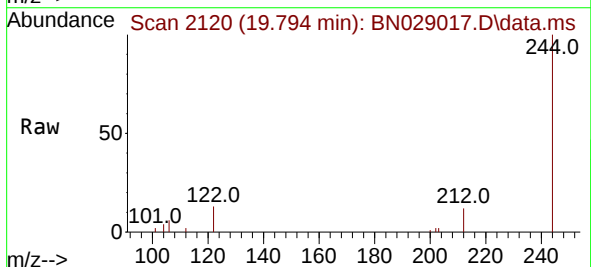
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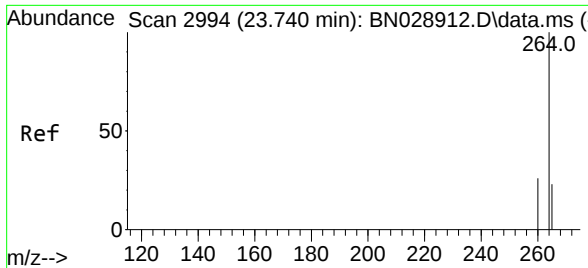
Tgt Ion:240 Resp: 6470
Ion Ratio Lower Upper
240 100
120 16.2 37.1 55.7#
236 30.0 32.4 48.6#



#31
Terphenyl-d14
Concen: 0.400 ng
RT: 19.794 min Scan# 2120
Delta R.T. 0.000 min
Lab File: BN029017.D
Acq: 03 Dec 2023 12:45

Tgt Ion:244 Resp: 7381
Ion Ratio Lower Upper
244 100
212 11.6 11.5 17.3
122 13.5 13.2 19.8





#35
 Perylene-d12
 Concen: 0.400 ng
 RT: 23.673 min Scan# 2994
 Delta R.T. 0.003 min
 Lab File: BN029017.D
 Acq: 03 Dec 2023 12:45

Instrument :
 BNA_N
 ClientSampleId :
 DUP02-20231109

Tgt Ion:264 Resp: 6224
 Ion Ratio Lower Upper
 264 100
 260 27.7 20.6 30.8
 265 69.9 464.5 696.7#

