

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN092124\
 Data File : BN034093.D
 Acq On : 20 Sep 2024 18:43
 Operator : JU/RC
 Sample : P4003-05
 Misc :
 ALS Vial : 49 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 DUPE2-20240911

Quant Time: Sep 21 01:19:54 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN091924.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Sep 18 16:09:28 2024
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

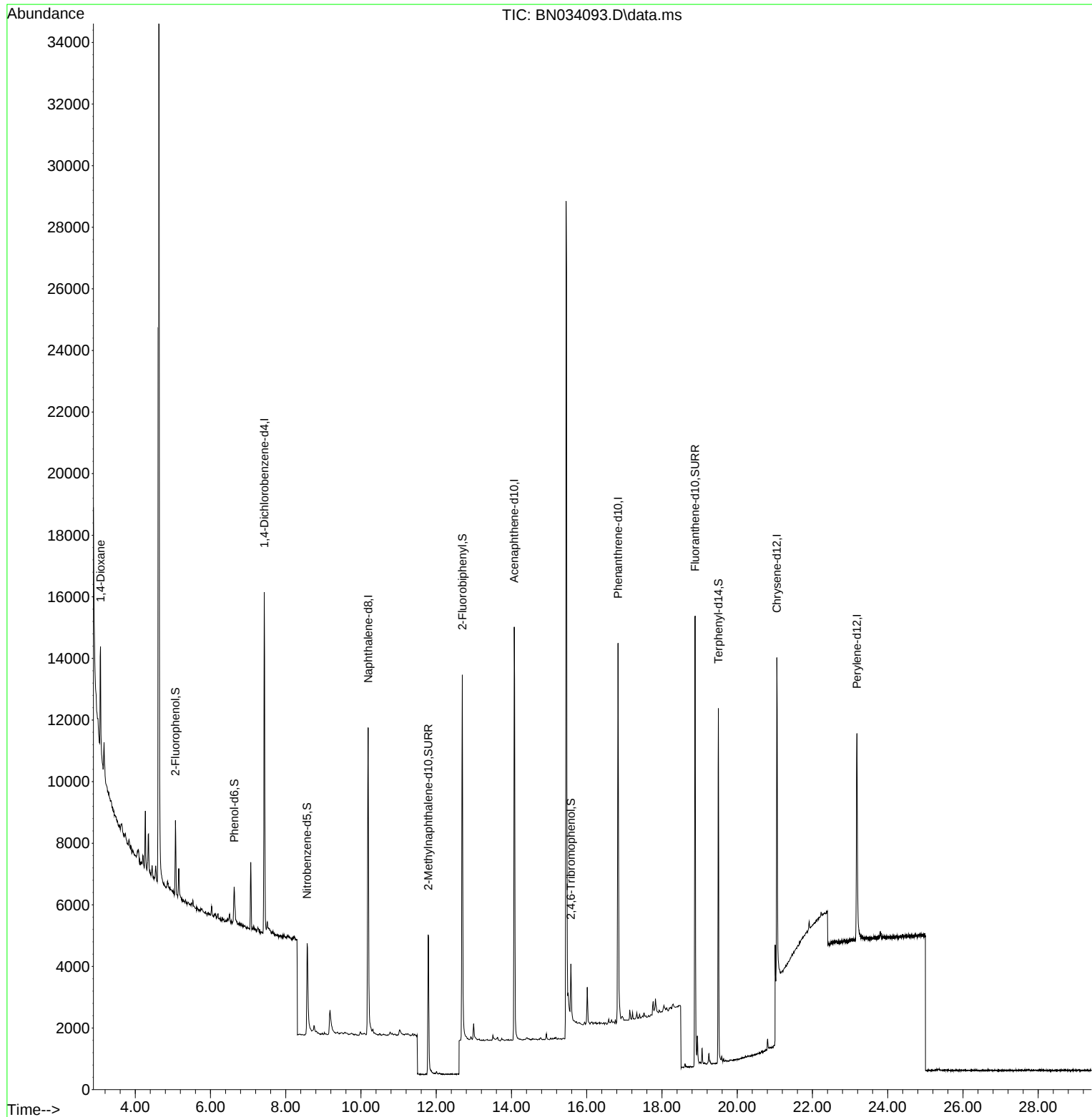
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.430	152	5187	0.400	ng	0.00
7) Naphthalene-d8	10.191	136	14291	0.400	ng	0.00
13) Acenaphthene-d10	14.072	164	8135	0.400	ng	0.00
19) Phenanthrene-d10	16.833	188	16330	0.400	ng	# 0.00
29) Chrysene-d12	21.053	240	10796	0.400	ng	# 0.00
35) Perylene-d12	23.180	264	9190	0.400	ng	# 0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.069	112	1765	0.120	ng	0.00
5) Phenol-d6	6.629	99	1156	0.068	ng	0.00
8) Nitrobenzene-d5	8.568	82	3342	0.306	ng	0.00
11) 2-Methylnaphthalene-d10	11.787	152	6947	0.329	ng	0.00
14) 2,4,6-Tribromophenol	15.579	330	1033	0.280	ng	0.00
15) 2-Fluorobiphenyl	12.693	172	11039	0.334	ng	0.00
27) Fluoranthene-d10	18.880	212	17107	0.415	ng	0.00
31) Terphenyl-d14	19.498	244	10749	0.499	ng	0.00
Target Compounds						
2) 1,4-Dioxane	3.075	88	1943	0.300	ng	# 39

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

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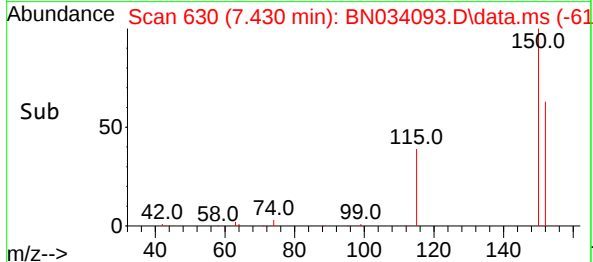
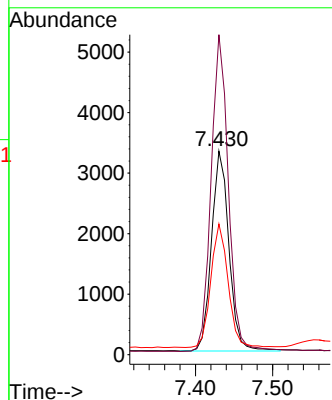
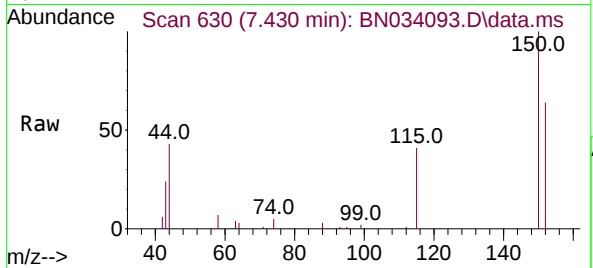




#1
 1,4-Dichlorobenzene-d4
 Concen: 0.400 ng
 RT: 7.430 min Scan# 61
 Delta R.T. -0.007 min
 Lab File: BN034093.D
 Acq: 20 Sep 2024 18:43

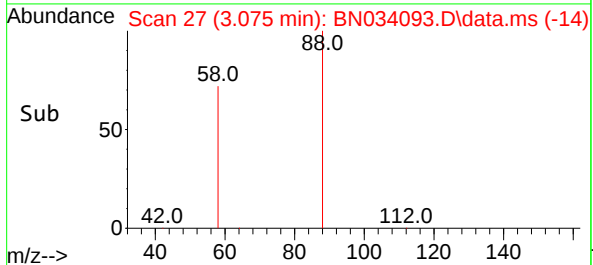
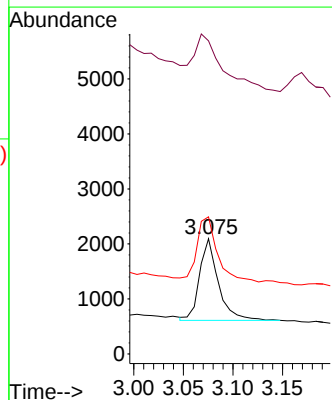
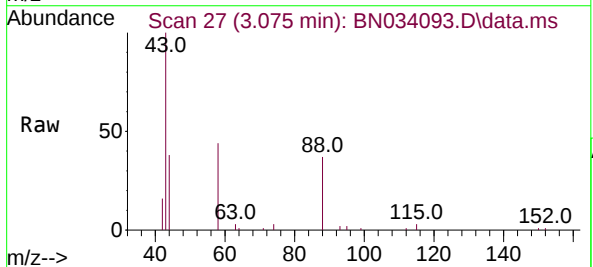
Instrument :
 BNA_N
 ClientSampleId :
 DUPE2-20240911

Tgt Ion:152 Resp: 5187
 Ion Ratio Lower Upper
 152 100
 150 157.2 124.6 187.0
 115 64.3 50.0 75.0



#2
 1,4-Dioxane
 Concen: 0.300 ng
 RT: 3.075 min Scan# 27
 Delta R.T. -0.006 min
 Lab File: BN034093.D
 Acq: 20 Sep 2024 18:43

Tgt Ion: 88 Resp: 1943
 Ion Ratio Lower Upper
 88 100
 43 115.5 25.8 38.8#
 58 92.1 58.8 88.2#

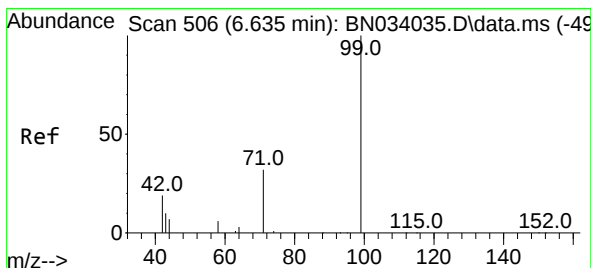
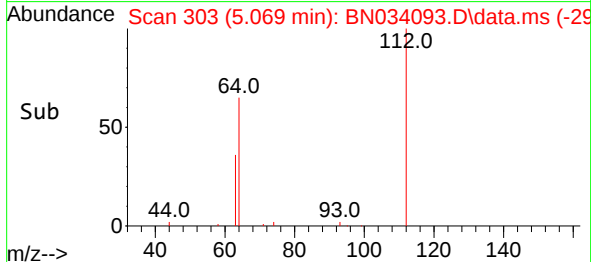
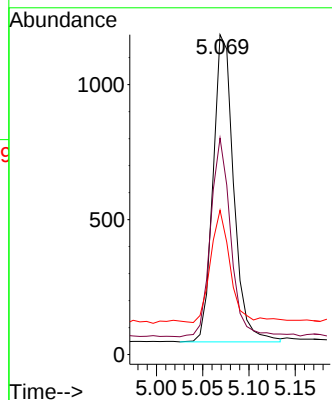
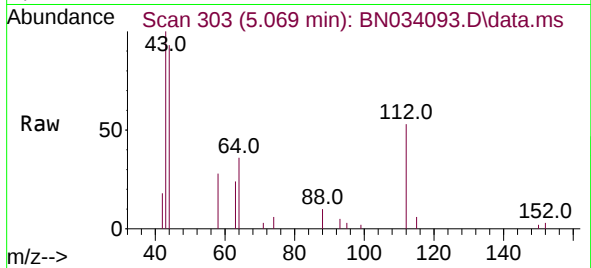




#4
2-Fluorophenol
Concen: 0.120 ng
RT: 5.069 min Scan# 30
Delta R.T. -0.006 min
Lab File: BN034093.D
Acq: 20 Sep 2024 18:43

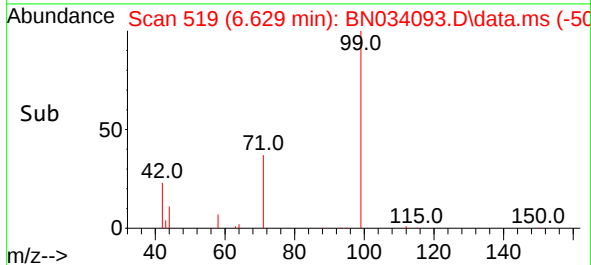
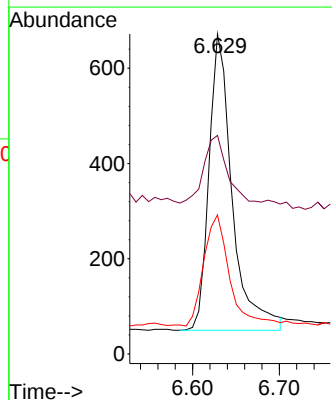
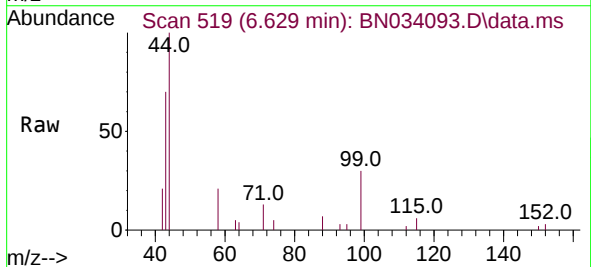
Instrument :
BNA_N
ClientSampleId :
DUPE2-20240911

Tgt Ion:112 Resp: 1765
Ion Ratio Lower Upper
112 100
64 62.8 48.6 72.8
63 35.4 25.6 38.4



#5
Phenol-d6
Concen: 0.068 ng
RT: 6.629 min Scan# 519
Delta R.T. -0.006 min
Lab File: BN034093.D
Acq: 20 Sep 2024 18:43

Tgt Ion: 99 Resp: 1156
Ion Ratio Lower Upper
99 100
42 22.8 17.8 26.8
71 40.4 26.2 39.2#

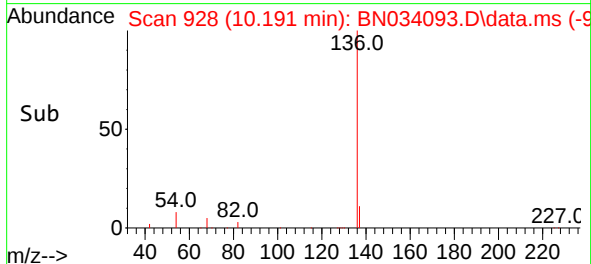
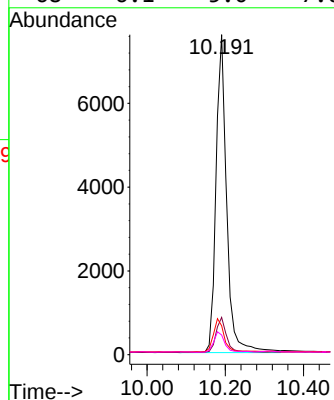
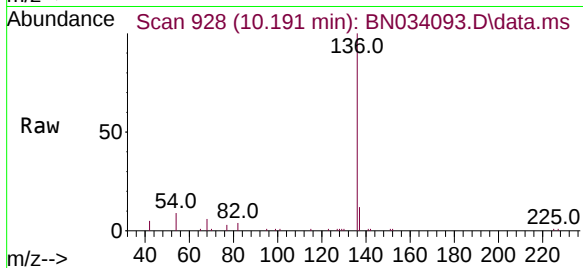




#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.191 min Scan# 915
Delta R.T. -0.006 min
Lab File: BN034093.D
Acq: 20 Sep 2024 18:43

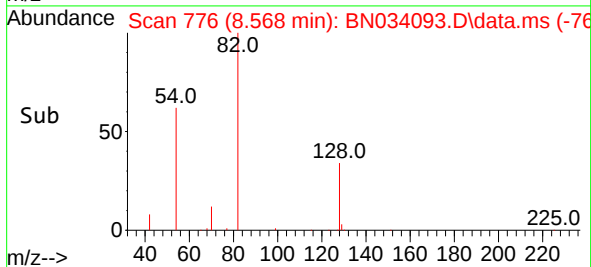
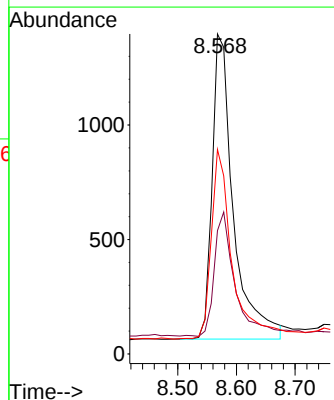
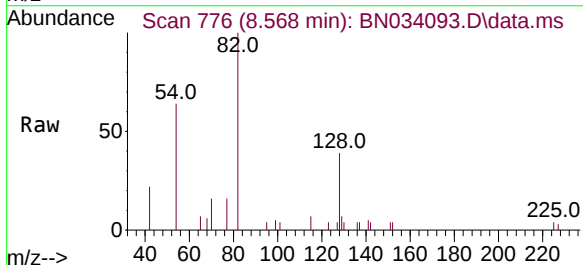
Instrument :
BNA_N
ClientSampleId :
DUPE2-20240911

Tgt Ion:	136	Resp:	14291
Ion Ratio	Lower	Upper	
136	100		
137	11.7	9.0	13.6
54	9.1	6.8	10.2
68	6.1	5.0	7.6



#8
Nitrobenzene-d5
Concen: 0.306 ng
RT: 8.568 min Scan# 776
Delta R.T. -0.006 min
Lab File: BN034093.D
Acq: 20 Sep 2024 18:43

Tgt Ion:	82	Resp:	3342
Ion Ratio	Lower	Upper	
82	100		
128	38.6	31.4	47.2
54	63.9	47.4	71.0

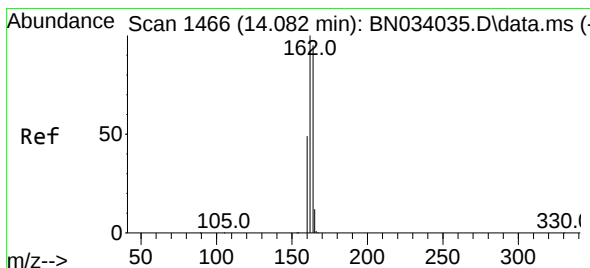
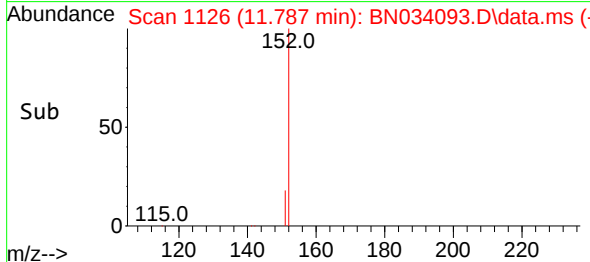
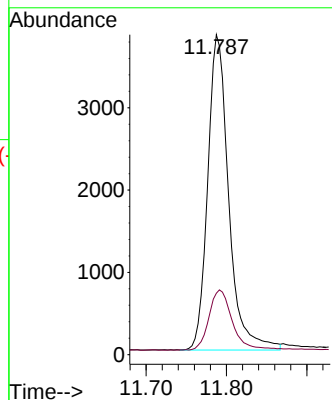
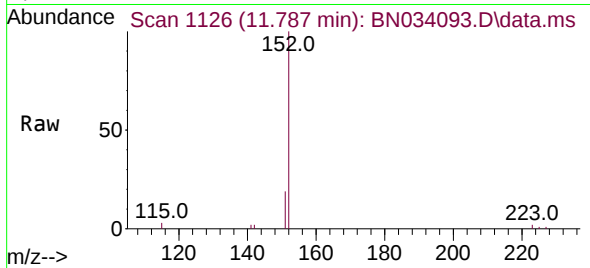




#11
2-Methylnaphthalene-d10
Concen: 0.329 ng
RT: 11.787 min Scan# 1113
Delta R.T. -0.006 min
Lab File: BN034093.D
Acq: 20 Sep 2024 18:43

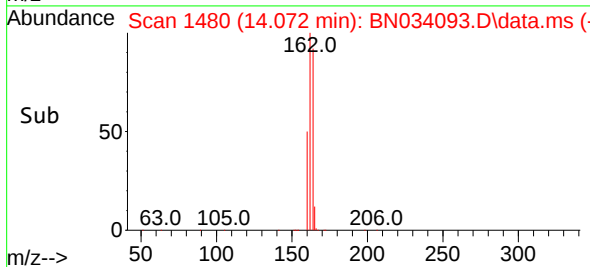
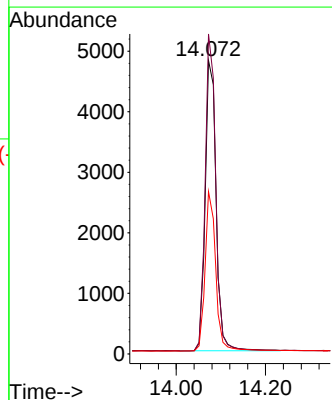
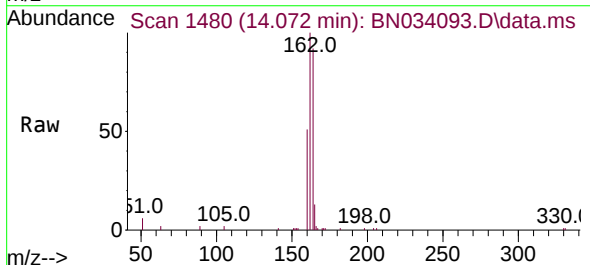
Instrument :
BNA_N
ClientSampleId :
DUPE2-20240911

Tgt Ion:152 Resp: 6947
Ion Ratio Lower Upper
152 100
151 21.3 16.8 25.2



#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.072 min Scan# 1480
Delta R.T. -0.009 min
Lab File: BN034093.D
Acq: 20 Sep 2024 18:43

Tgt Ion:164 Resp: 8135
Ion Ratio Lower Upper
164 100
162 109.1 84.2 126.2
160 55.4 41.7 62.5

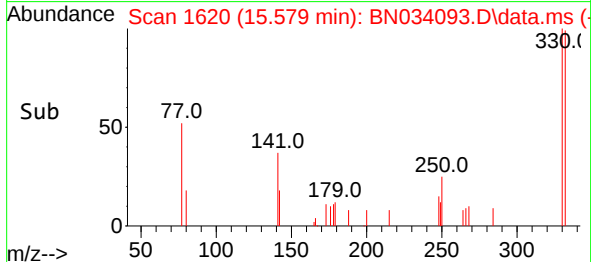
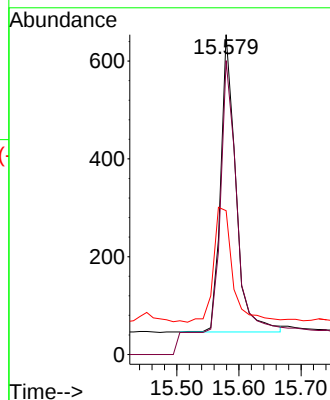
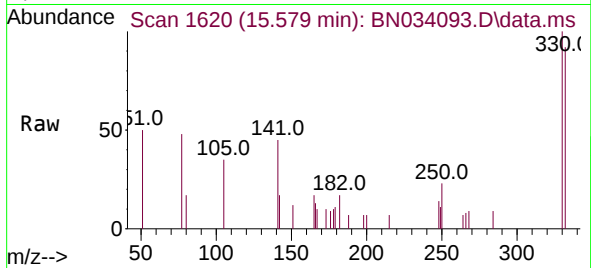




#14
2,4,6-Tribromophenol
Concen: 0.280 ng
RT: 15.579 min Scan# 1
Delta R.T. -0.009 min
Lab File: BN034093.D
Acq: 20 Sep 2024 18:43

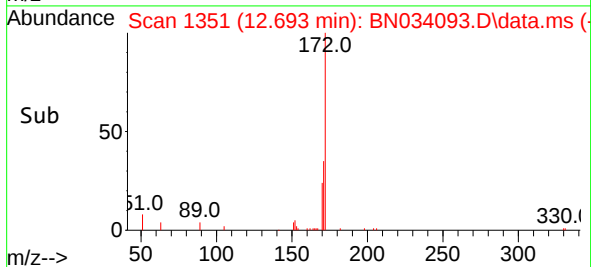
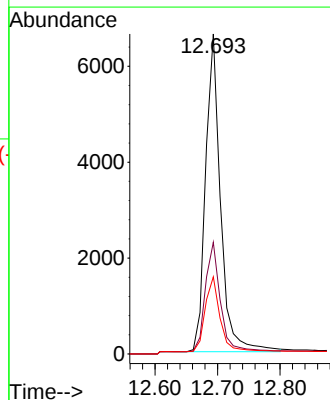
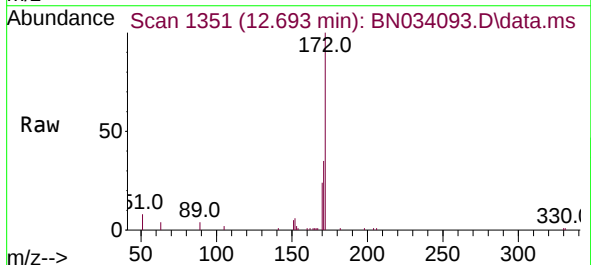
Instrument :
BNA_N
ClientSampleId :
DUPE2-20240911

Tgt Ion:330 Resp: 1033
Ion Ratio Lower Upper
330 100
332 95.2 77.4 116.0
141 48.7 35.9 53.9



#15
2-Fluorobiphenyl
Concen: 0.334 ng
RT: 12.693 min Scan# 1351
Delta R.T. -0.009 min
Lab File: BN034093.D
Acq: 20 Sep 2024 18:43

Tgt Ion:172 Resp: 11039
Ion Ratio Lower Upper
172 100
171 34.9 27.3 40.9
170 24.1 18.1 27.1

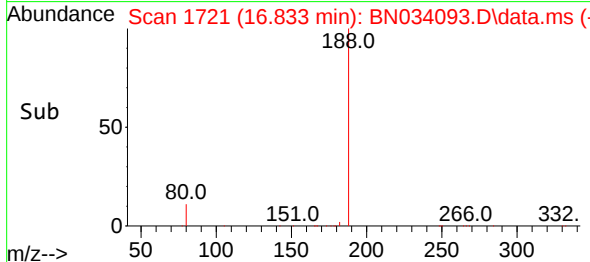
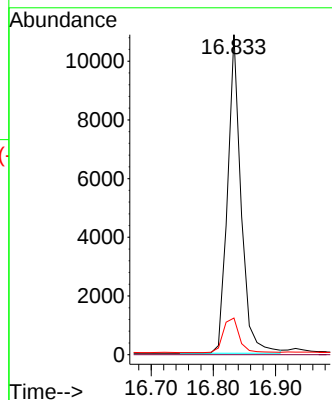
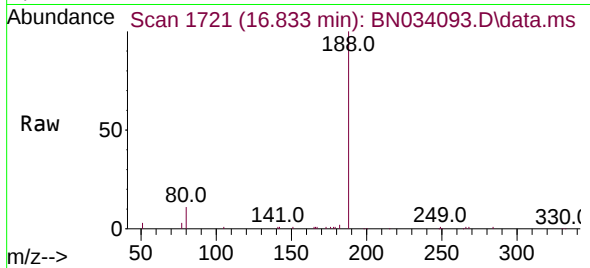




#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 16.833 min Scan# 11
Delta R.T. -0.009 min
Lab File: BN034093.D
Acq: 20 Sep 2024 18:43

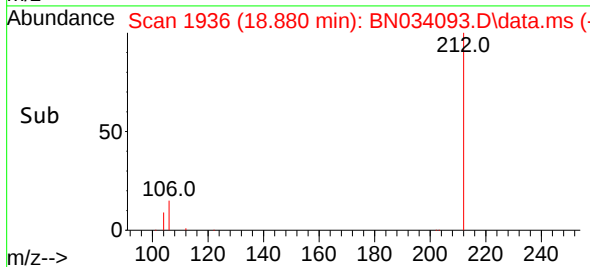
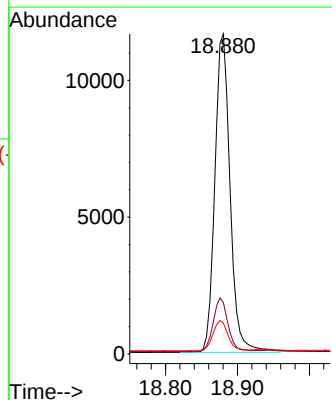
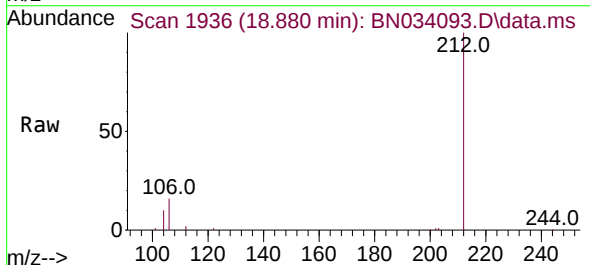
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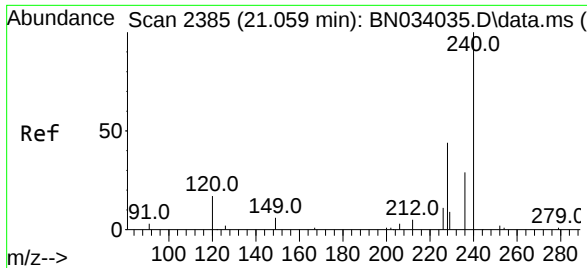
Tgt Ion:188 Resp: 16330
Ion Ratio Lower Upper
188 100
94 0.0 0.0 0.0
80 11.5 7.4 11.0#



#27
Fluoranthene-d10
Concen: 0.415 ng
RT: 18.880 min Scan# 1936
Delta R.T. -0.006 min
Lab File: BN034093.D
Acq: 20 Sep 2024 18:43

Tgt Ion:212 Resp: 17107
Ion Ratio Lower Upper
212 100
106 16.5 13.4 20.2
104 9.4 7.8 11.6

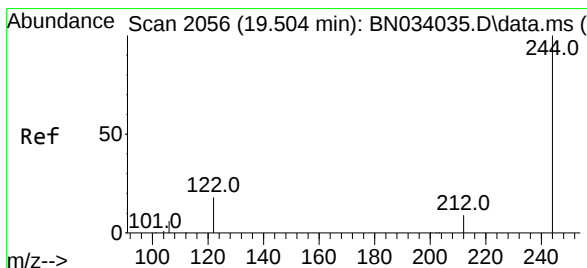
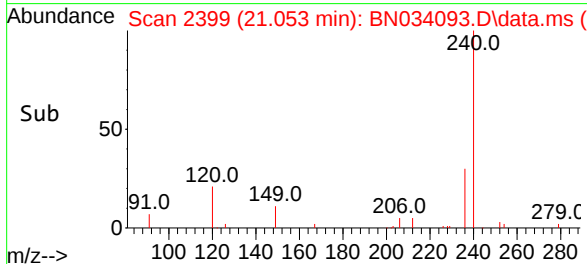
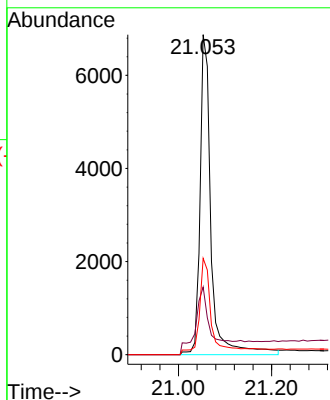
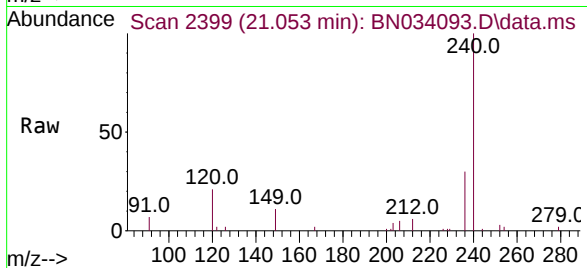




#29
Chrysene-d12
Concen: 0.400 ng
RT: 21.053 min Scan# 21
Delta R.T. -0.006 min
Lab File: BN034093.D
Acq: 20 Sep 2024 18:43

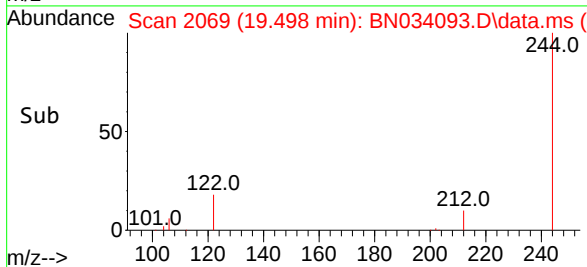
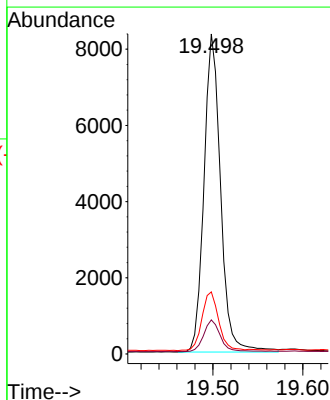
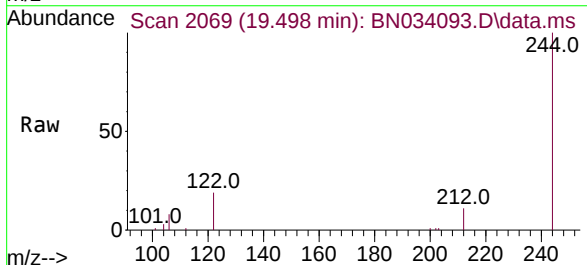
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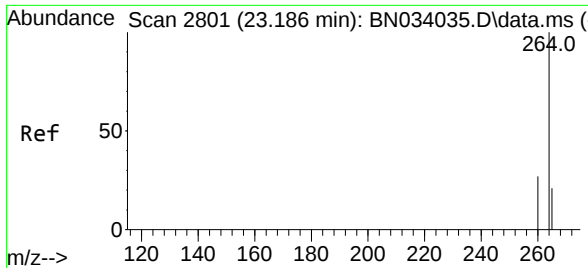
Tgt Ion:240 Resp: 10796
Ion Ratio Lower Upper
240 100
120 21.1 13.5 20.3#
236 30.1 23.4 35.0



#31
Terphenyl-d14
Concen: 0.499 ng
RT: 19.498 min Scan# 2069
Delta R.T. -0.006 min
Lab File: BN034093.D
Acq: 20 Sep 2024 18:43

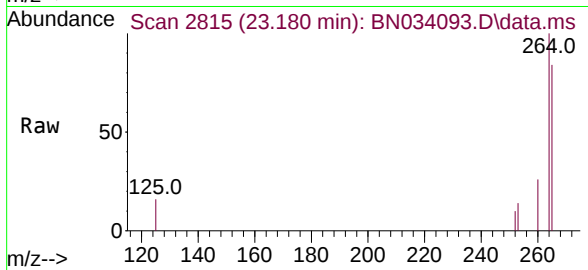
Tgt Ion:244 Resp: 10749
Ion Ratio Lower Upper
244 100
212 10.7 7.8 11.6
122 19.4 14.8 22.2





#35
Perylene-d12
Concen: 0.400 ng
RT: 23.180 min Scan# 21
Delta R.T. -0.006 min
Lab File: BN034093.D
Acq: 20 Sep 2024 18:43

Instrument :
BNA_N
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Tgt Ion:264 Resp: 9190
Ion Ratio Lower Upper
264 100
260 26.5 21.7 32.5
265 83.8 52.1 78.1#

