

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN092124\
 Data File : BN034134.D
 Acq On : 21 Sep 2024 20:51
 Operator : JU/RC
 Sample : P4116-24
 Misc :
 ALS Vial : 98 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 RE132D5-20240918

Quant Time: Sep 23 00:35:39 2024
 Quant Title :
 QLast Update : Wed Sep 18 16:09:28 2024
 Response via : Initial Calibration

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

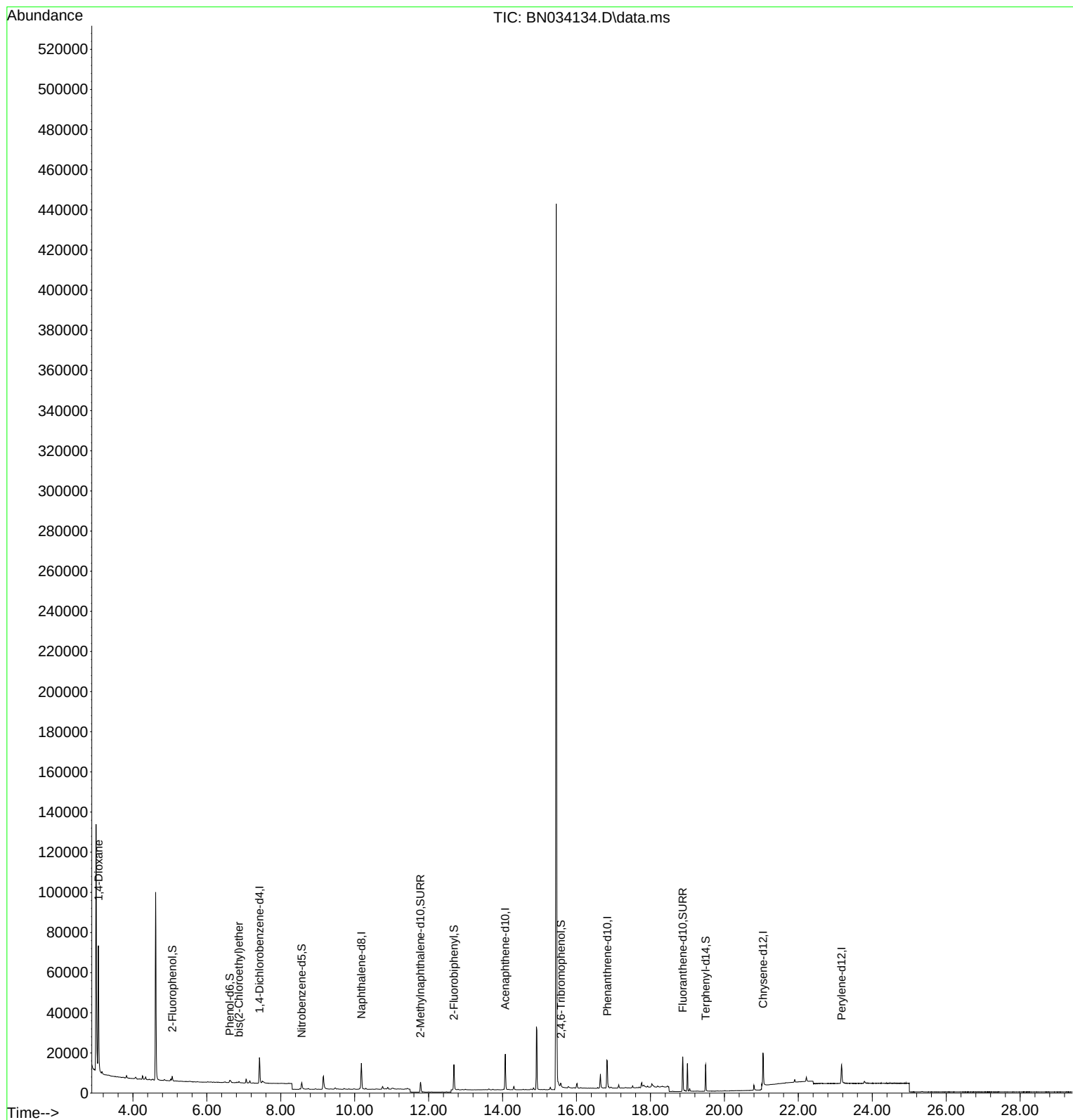
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.423	152	5776	0.400	ng	-0.01
7) Naphthalene-d8	10.180	136	16840	0.400	ng	-0.02
13) Acenaphthene-d10	14.073	164	9795	0.400	ng	0.00
19) Phenanthrene-d10	16.833	188	21733	0.400	ng	0.00
29) Chrysene-d12	21.044	240	15788	0.400	ng	#-0.01
35) Perylene-d12	23.168	264	12388	0.400	ng	-0.02
System Monitoring Compounds						
4) 2-Fluorophenol	5.069	112	1725	0.105	ng	0.00
5) Phenol-d6	6.622	99	1147	0.060	ng	-0.01
8) Nitrobenzene-d5	8.568	82	3336	0.259	ng	0.00
11) 2-Methylnaphthalene-d10	11.780	152	6853	0.276	ng	-0.01
14) 2,4,6-Tribromophenol	15.580	330	1113	0.251	ng	0.00
15) 2-Fluorobiphenyl	12.683	172	11034	0.277	ng	-0.02
27) Fluoranthene-d10	18.871	212	18964	0.346	ng	-0.02
31) Terphenyl-d14	19.494	244	12149	0.385	ng	-0.01
Target Compounds						
2) 1,4-Dioxane	3.068	88	35845	4.964	ng	# 87
6) bis(2-Chloroethyl)ether	6.867	93	428	0.025	ng	96

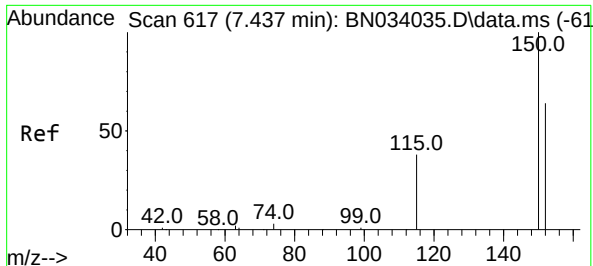
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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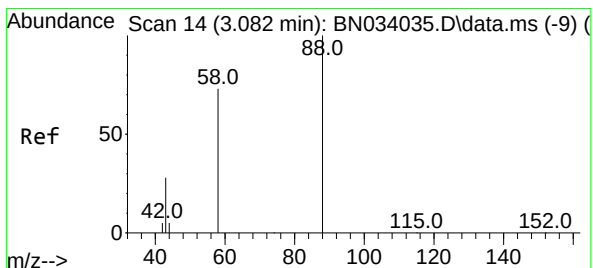
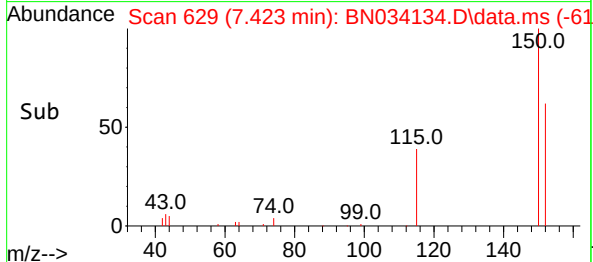
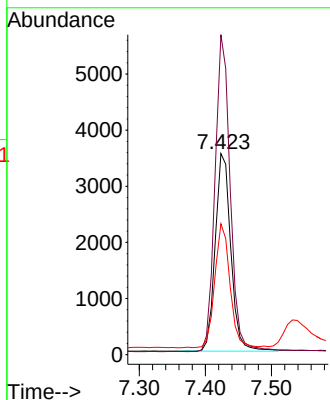
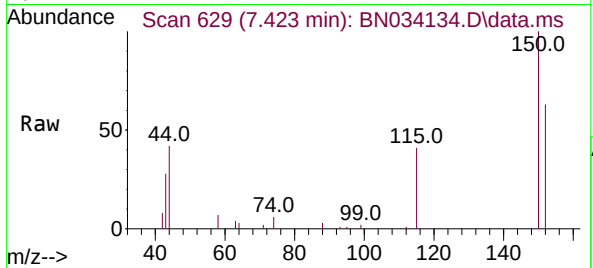




#1
 1,4-Dichlorobenzene-d4
 Concen: 0.400 ng
 RT: 7.423 min Scan# 61
 Delta R.T. -0.014 min
 Lab File: BN034134.D
 Acq: 21 Sep 2024 20:51

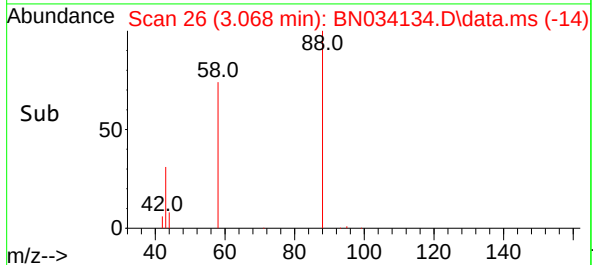
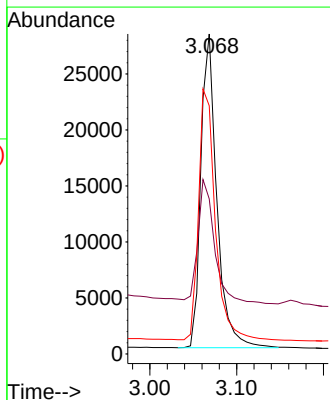
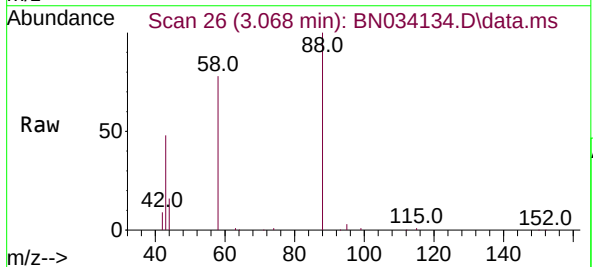
Instrument :
 BNA_N
 ClientSampleId :
 RE132D5-20240918

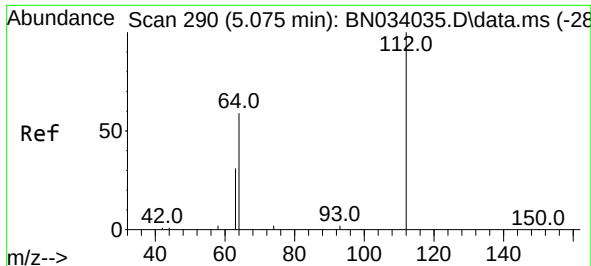
Tgt Ion:152 Resp: 5776
 Ion Ratio Lower Upper
 152 100
 150 159.2 124.6 187.0
 115 65.1 50.0 75.0



#2
 1,4-Dioxane
 Concen: 4.964 ng
 RT: 3.068 min Scan# 26
 Delta R.T. -0.013 min
 Lab File: BN034134.D
 Acq: 21 Sep 2024 20:51

Tgt Ion: 88 Resp: 35845
 Ion Ratio Lower Upper
 88 100
 43 41.5 25.8 38.8#
 58 83.7 58.8 88.2

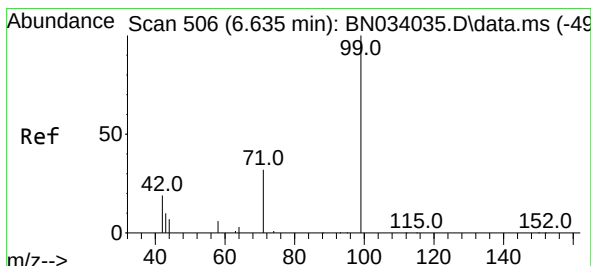
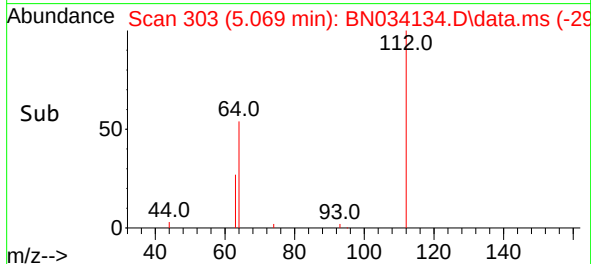
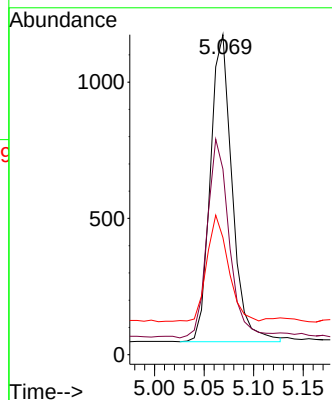
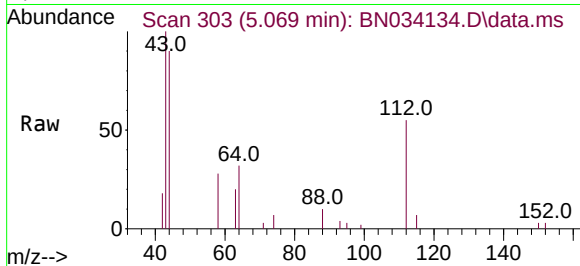




#4
2-Fluorophenol
Concen: 0.105 ng
RT: 5.069 min Scan# 30
Delta R.T. -0.006 min
Lab File: BN034134.D
Acq: 21 Sep 2024 20:51

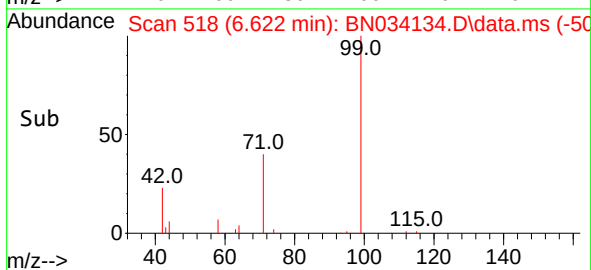
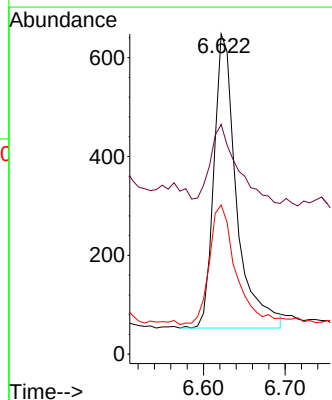
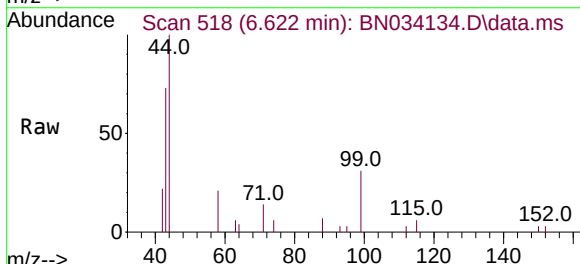
Instrument :
BNA_N
ClientSampleId :
RE132D5-20240918

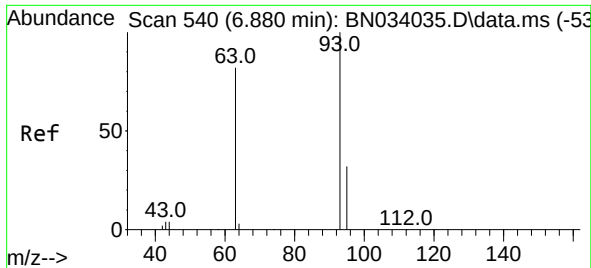
Tgt Ion:112 Resp: 1725
Ion Ratio Lower Upper
112 100
64 65.3 48.6 72.8
63 33.6 25.6 38.4



#5
Phenol-d6
Concen: 0.060 ng
RT: 6.622 min Scan# 518
Delta R.T. -0.013 min
Lab File: BN034134.D
Acq: 21 Sep 2024 20:51

Tgt Ion: 99 Resp: 1147
Ion Ratio Lower Upper
99 100
42 31.9 17.8 26.8#
71 47.3 26.2 39.2#

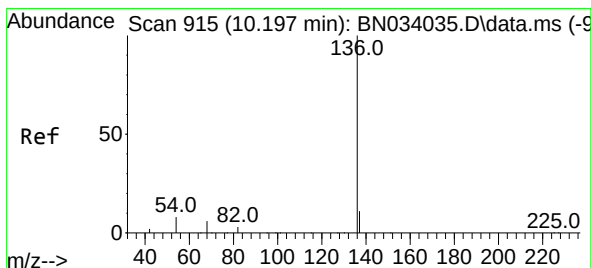
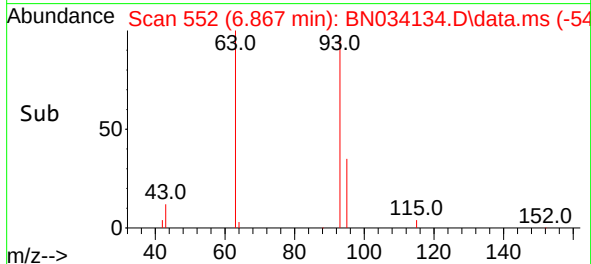
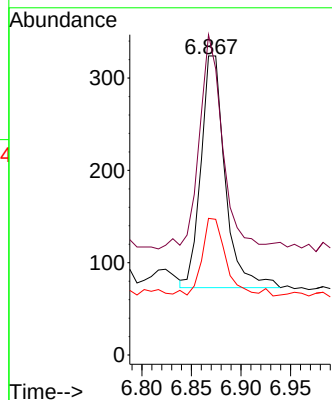
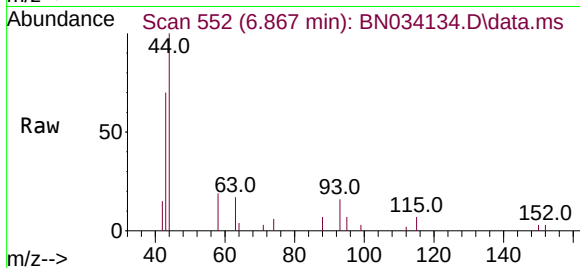




#6
bis(2-Chloroethyl)ether
Concen: 0.025 ng
RT: 6.867 min Scan# 51
Delta R.T. -0.013 min
Lab File: BN034134.D
Acq: 21 Sep 2024 20:51

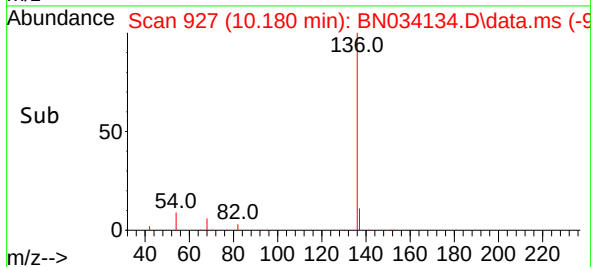
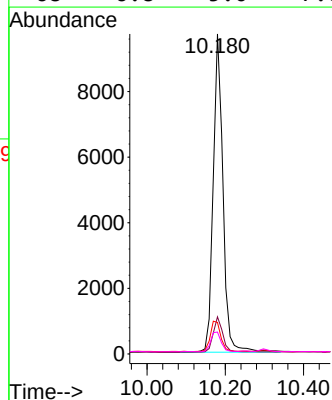
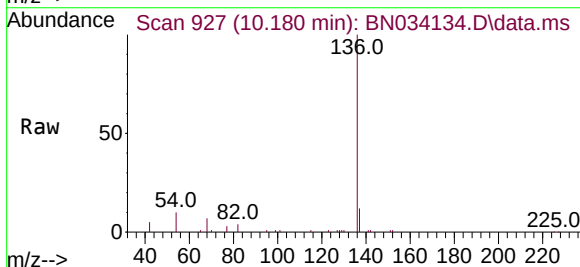
Instrument :
BNA_N
ClientSampleId :
RE132D5-20240918

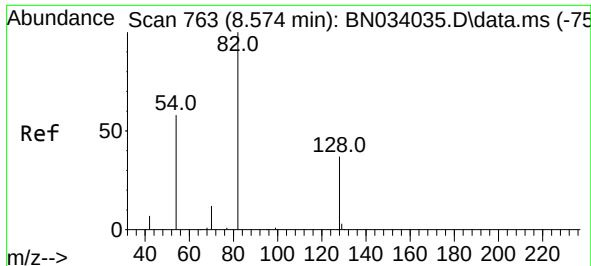
Tgt Ion: 93 Resp: 428
Ion Ratio Lower Upper
93 100
63 88.8 67.3 100.9
95 33.9 26.8 40.2



#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.180 min Scan# 927
Delta R.T. -0.017 min
Lab File: BN034134.D
Acq: 21 Sep 2024 20:51

Tgt Ion: 136 Resp: 16840
Ion Ratio Lower Upper
136 100
137 11.6 9.0 13.6
54 9.9 6.8 10.2
68 6.8 5.0 7.6

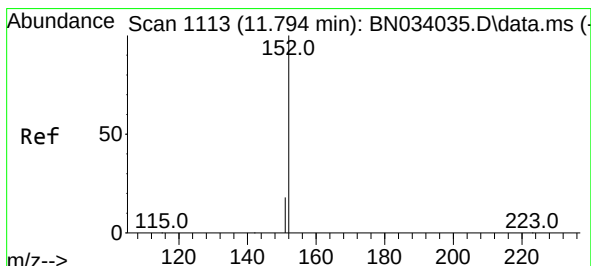
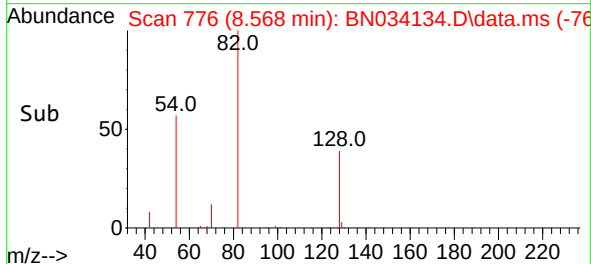
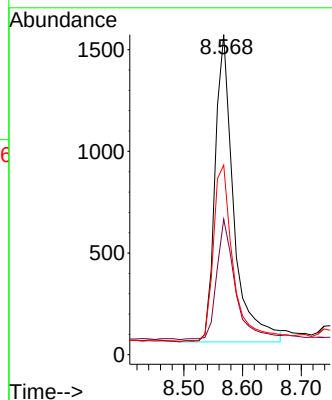
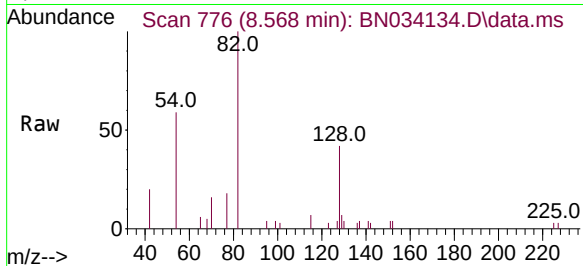




#8
Nitrobenzene-d5
Concen: 0.259 ng
RT: 8.568 min Scan# 71
Delta R.T. -0.006 min
Lab File: BN034134.D
Acq: 21 Sep 2024 20:51

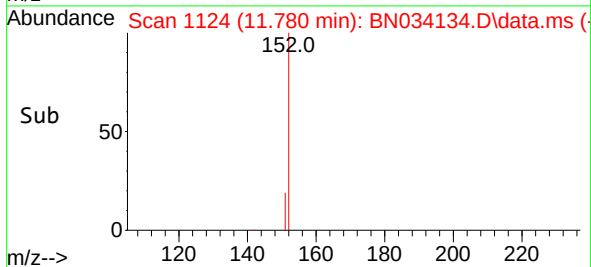
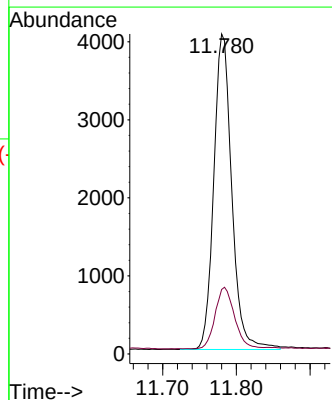
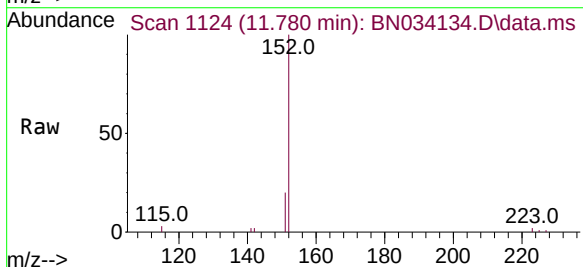
Instrument :
BNA_N
ClientSampleId :
RE132D5-20240918

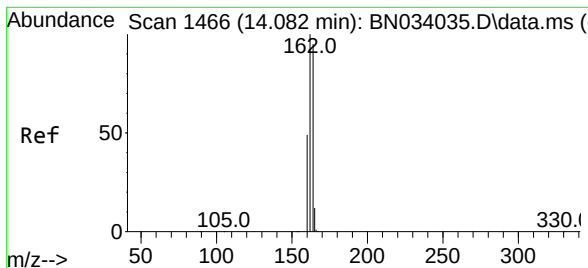
Tgt Ion: 82 Resp: 3336
Ion Ratio Lower Upper
82 100
128 42.4 31.4 47.2
54 59.3 47.4 71.0



#11
2-Methylnaphthalene-d10
Concen: 0.276 ng
RT: 11.780 min Scan# 1124
Delta R.T. -0.014 min
Lab File: BN034134.D
Acq: 21 Sep 2024 20:51

Tgt Ion:152 Resp: 6853
Ion Ratio Lower Upper
152 100
151 21.2 16.8 25.2

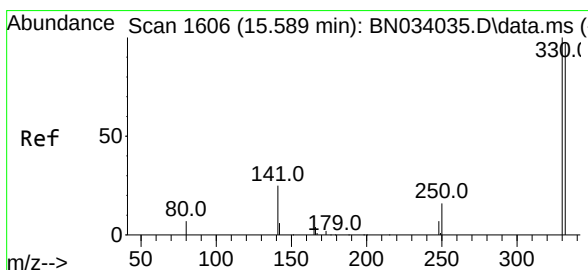
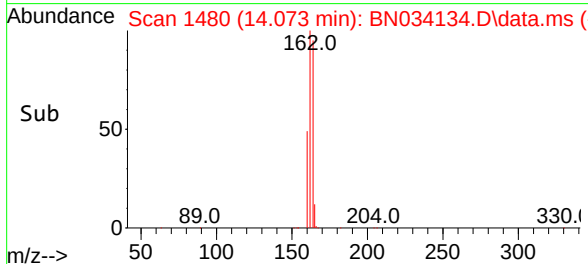
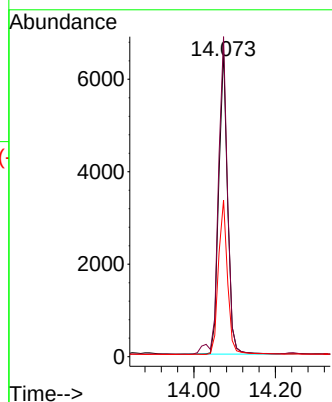
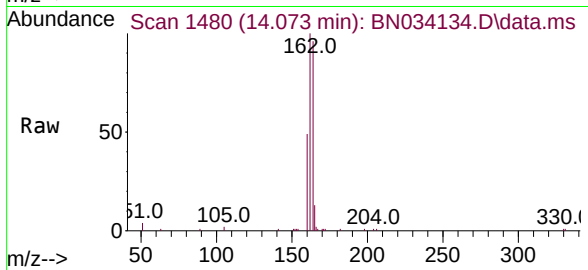




#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.073 min Scan# 1466
Delta R.T. -0.009 min
Lab File: BN034134.D
Acq: 21 Sep 2024 20:51

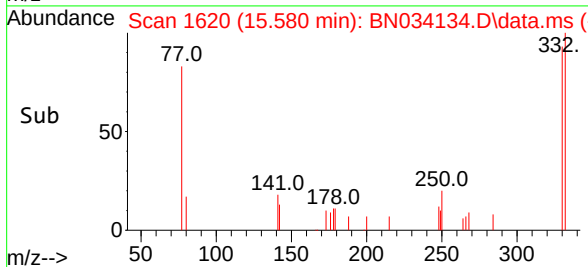
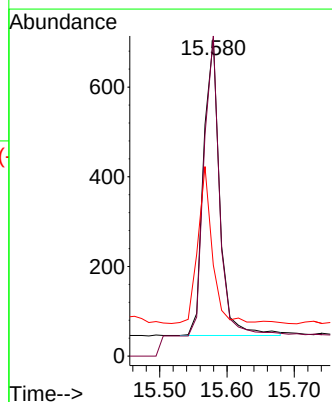
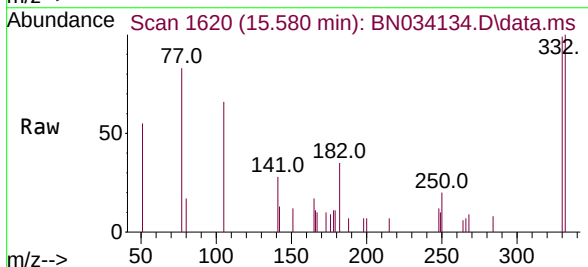
Instrument :
BNA_N
ClientSampleId :
RE132D5-20240918

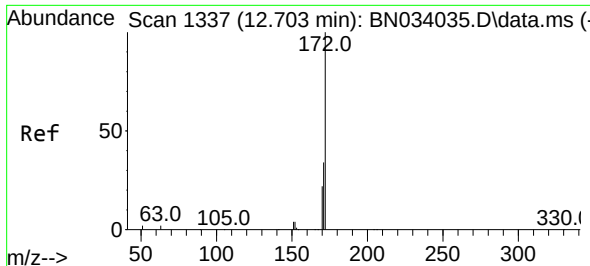
Tgt Ion:164 Resp: 9795
Ion Ratio Lower Upper
164 100
162 104.4 84.2 126.2
160 51.1 41.7 62.5



#14
2,4,6-Tribromophenol
Concen: 0.251 ng
RT: 15.580 min Scan# 1620
Delta R.T. -0.009 min
Lab File: BN034134.D
Acq: 21 Sep 2024 20:51

Tgt Ion:330 Resp: 1113
Ion Ratio Lower Upper
330 100
332 97.4 77.4 116.0
141 46.8 35.9 53.9

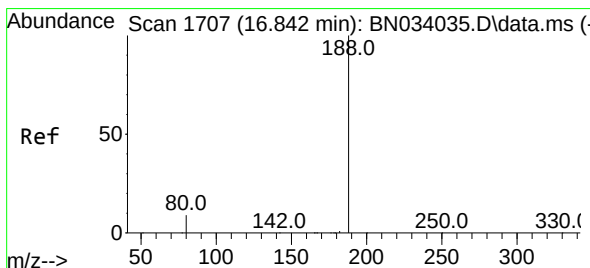
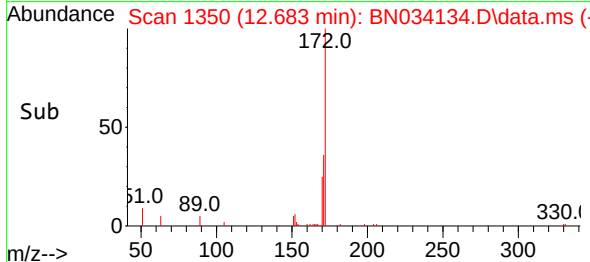
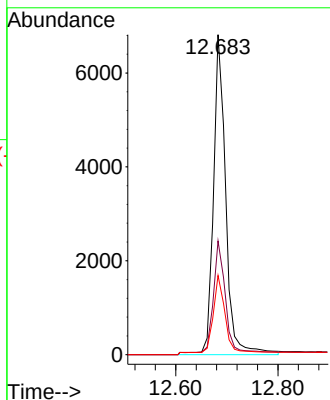
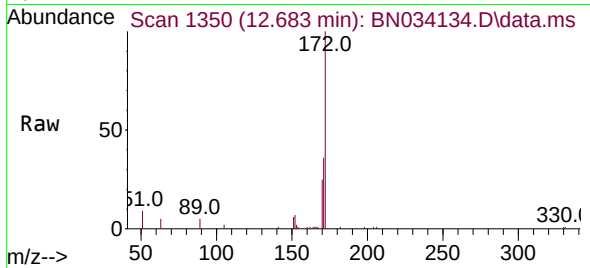




#15
2-Fluorobiphenyl
Concen: 0.277 ng
RT: 12.683 min Scan# 11
Delta R.T. -0.020 min
Lab File: BN034134.D
Acq: 21 Sep 2024 20:51

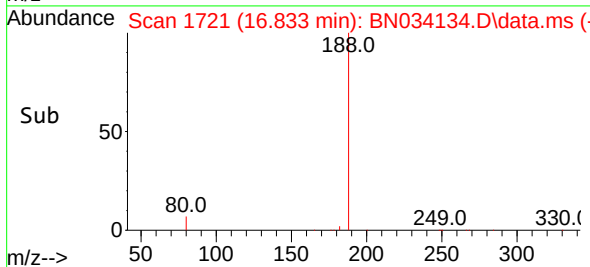
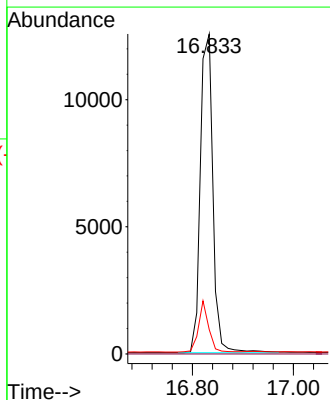
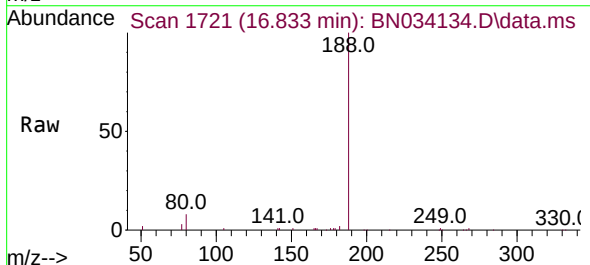
Instrument :
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RE132D5-20240918

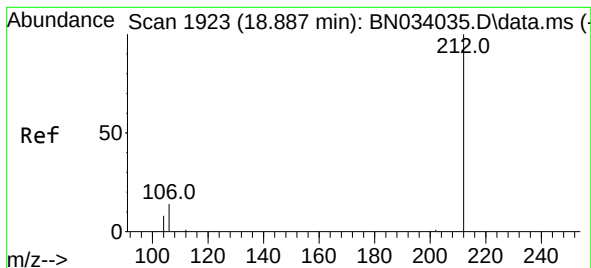
Tgt Ion:172	Resp:	11034
Ion Ratio	Lower	Upper
172	100	
171	35.5	27.3 40.9
170	24.8	18.1 27.1



#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 16.833 min Scan# 1721
Delta R.T. -0.009 min
Lab File: BN034134.D
Acq: 21 Sep 2024 20:51

Tgt Ion:188	Resp:	21733
Ion Ratio	Lower	Upper
188	100	
94	0.0	0.0 0.0
80	7.6	7.4 11.0





#27

Fluoranthene-d10

Concen: 0.346 ng

RT: 18.871 min Scan# 1923

Delta R.T. -0.015 min

Lab File: BN034134.D

Acq: 21 Sep 2024 20:51

Instrument :

BNA_N

ClientSampleId :

RE132D5-20240918

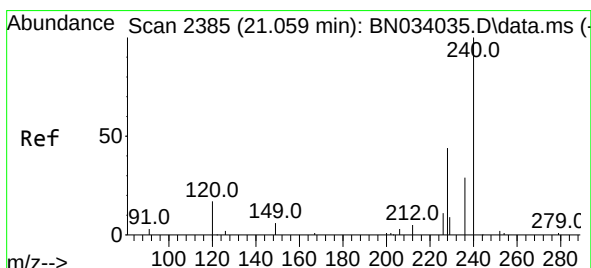
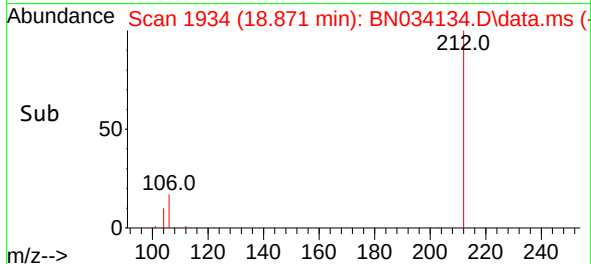
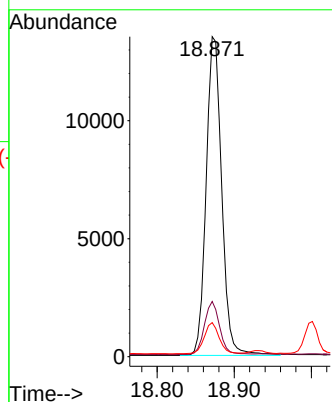
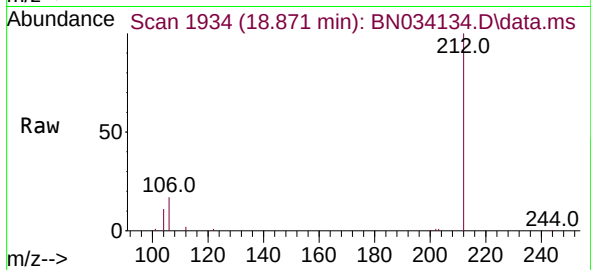
Tgt Ion:212 Resp: 18964

Ion Ratio Lower Upper

212 100

106 16.3 13.4 20.2

104 9.4 7.8 11.6



#29

Chrysene-d12

Concen: 0.400 ng

RT: 21.044 min Scan# 2398

Delta R.T. -0.015 min

Lab File: BN034134.D

Acq: 21 Sep 2024 20:51

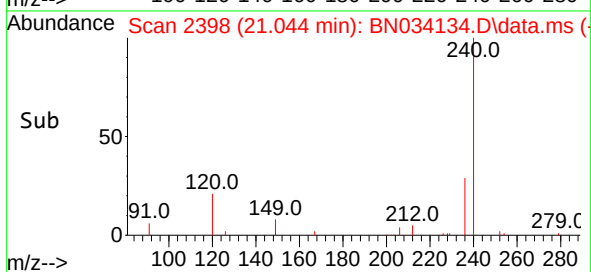
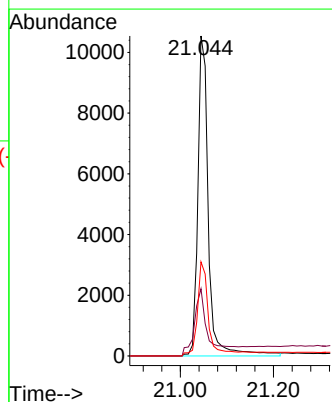
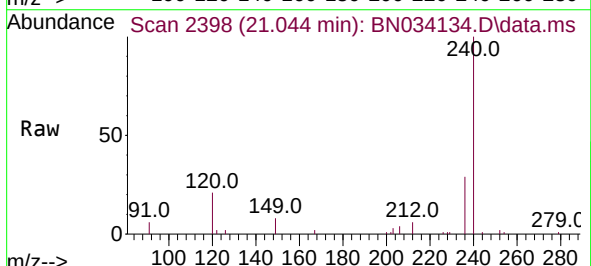
Tgt Ion:240 Resp: 15788

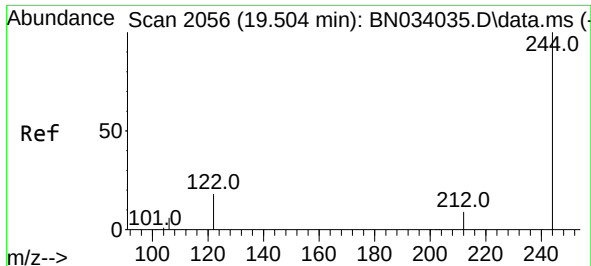
Ion Ratio Lower Upper

240 100

120 21.0 13.5 20.3#

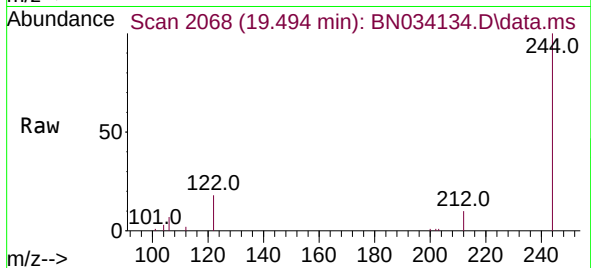
236 29.4 23.4 35.0



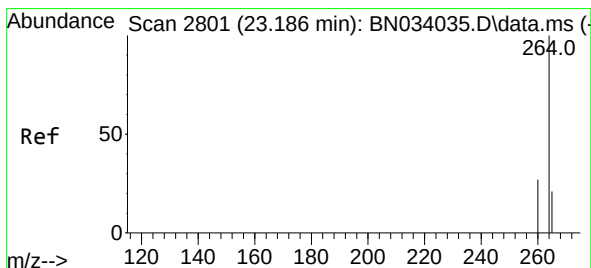
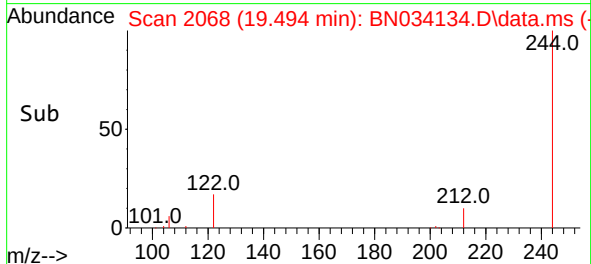
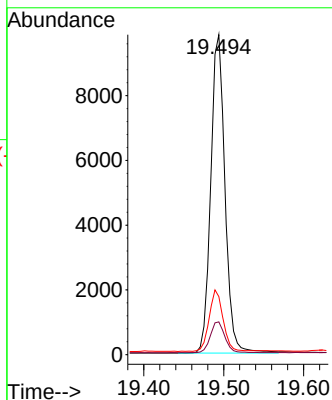


#31
Terphenyl-d14
Concen: 0.385 ng
RT: 19.494 min Scan# 2056
Delta R.T. -0.011 min
Lab File: BN034134.D
Acq: 21 Sep 2024 20:51

Instrument :
BNA_N
ClientSampleId :
RE132D5-20240918



Tgt Ion:244 Resp: 12149
Ion Ratio Lower Upper
244 100
212 10.3 7.8 11.6
122 18.1 14.8 22.2



#35
Perylene-d12
Concen: 0.400 ng
RT: 23.168 min Scan# 2811
Delta R.T. -0.017 min
Lab File: BN034134.D
Acq: 21 Sep 2024 20:51

Tgt Ion:264 Resp: 12388
Ion Ratio Lower Upper
264 100
260 26.8 21.7 32.5
265 64.9 52.1 78.1

