

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 00:01:01 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)

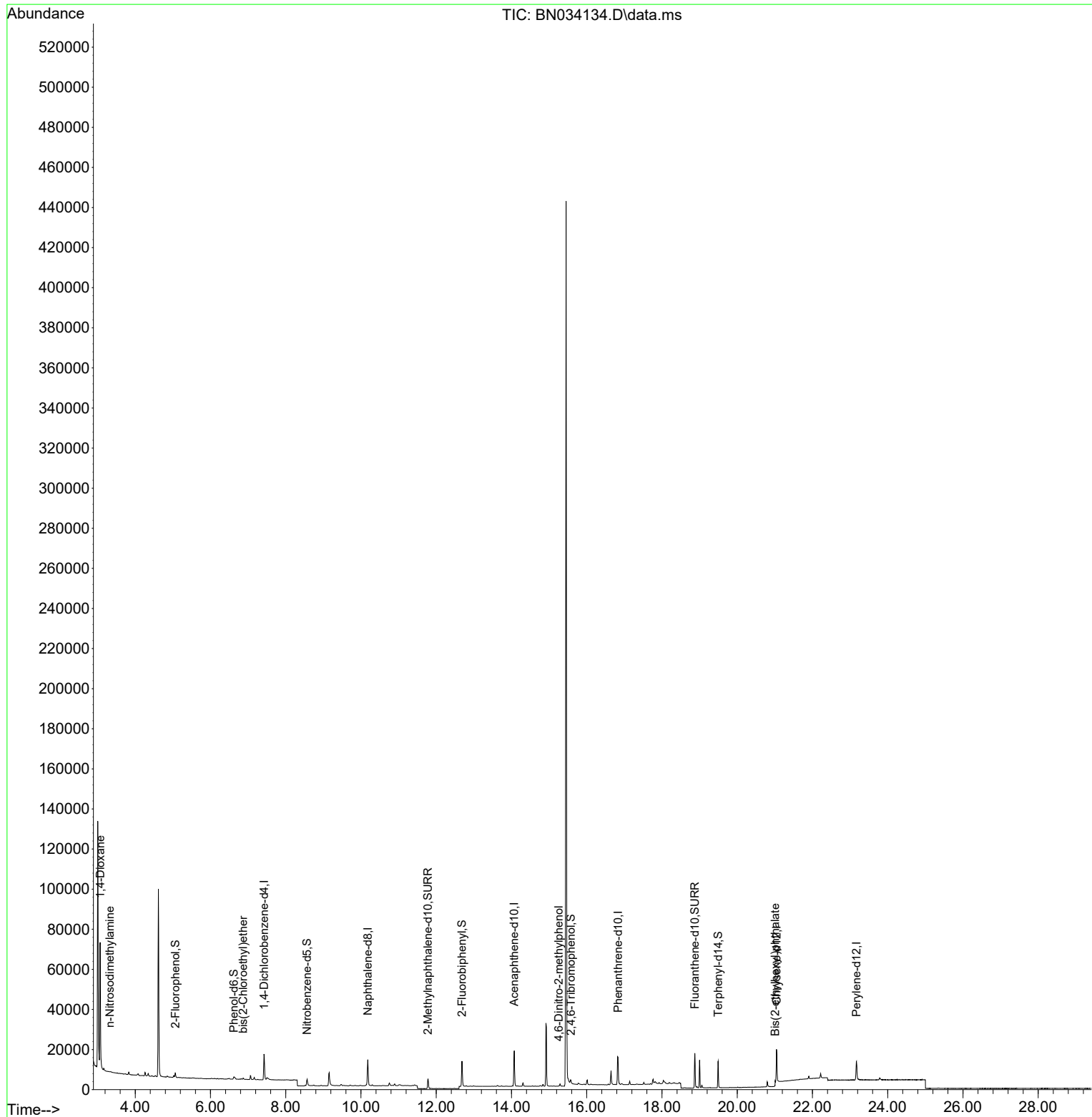
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.423	152	5776	0.400	ng	-0.01
7) Naphthalene-d8	10.180	136	16840	0.400	ng	-0.02
13) Acenaphthene-d10	14.073	164	9795	0.400	ng	0.00
19) Phenanthrene-d10	16.833	188	21733	0.400	ng	0.00
29) Chrysene-d12	21.044	240	15788	0.400	ng	#-0.01
35) Perylene-d12	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						
						Qvalue
2) 1,4-Dioxane	3.068	88	35845	4.964	ng	# 87
3) n-Nitrosodimethylamine	3.328	42	182	0.022	ng	# 11
6) bis(2-Chloroethyl)ether	6.867	93	428	0.025	ng	96
20) 4,6-Dinitro-2-methylph...	15.259	198	8	0.140	ng	# 1
34) Bis(2-ethylhexyl)phtha...	21.008	149	1233	0.059	ng	# 90

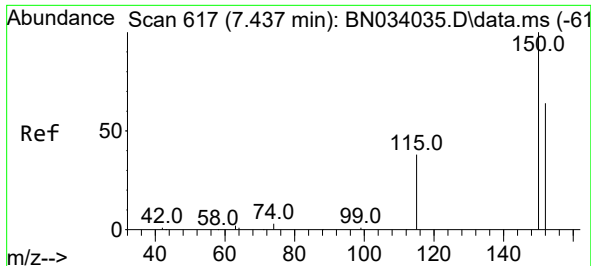
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN092124\
Data File : BN034134.D
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Misc :
ALS Vial : 98 Sample Multiplier: 1

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RE132D5-20240918

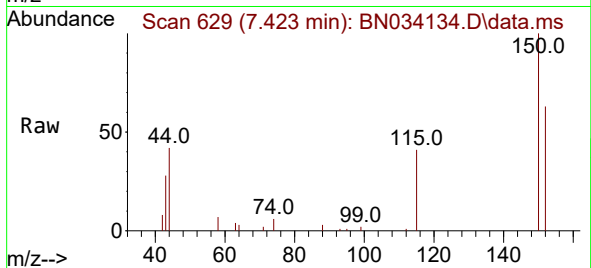
Quant Time: Sep 23 00:01:01 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN091924.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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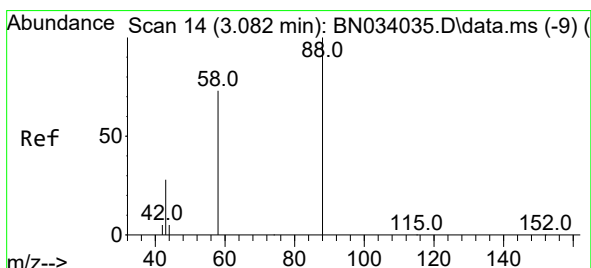
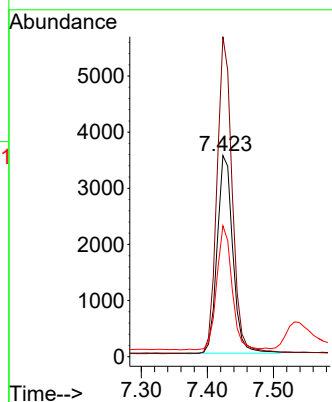
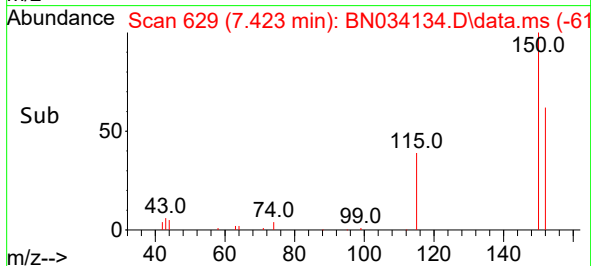


#1
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.423 min Scan# 61
Delta R.T. -0.014 min
Lab File: BN034134.D
Acq: 21 Sep 2024 20:51

Instrument :
BNA_N
ClientSampleId :
RE132D5-20240918

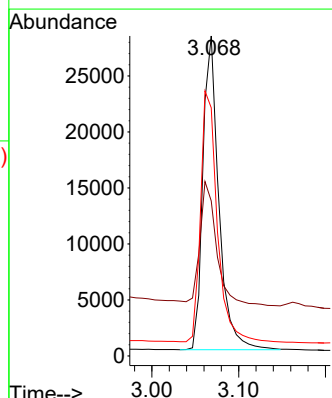
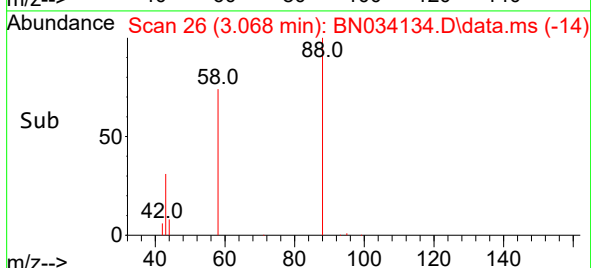
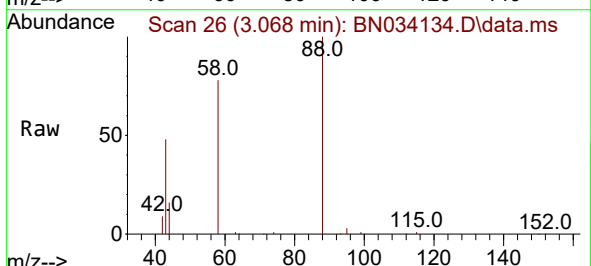


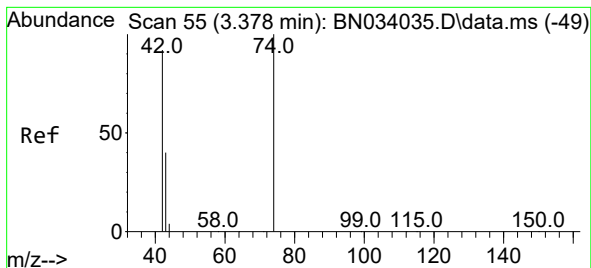
Tgt Ion:152 Resp: 5776
Ion Ratio Lower Upper
152 100
150 159.2 124.6 187.0
115 65.1 50.0 75.0



#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





#3

n-Nitrosodimethylamine

Concen: 0.022 ng

RT: 3.328 min Scan# 61

Delta R.T. -0.049 min

Lab File: BN034134.D

Acq: 21 Sep 2024 20:51

Instrument :

BNA_N

ClientSampleId :

RE132D5-20240918

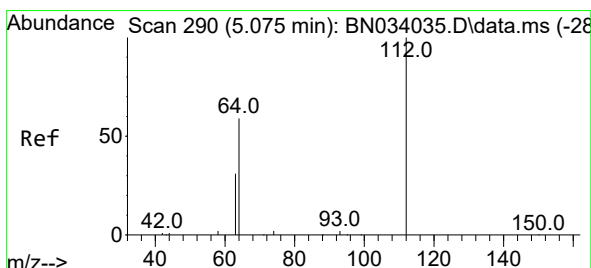
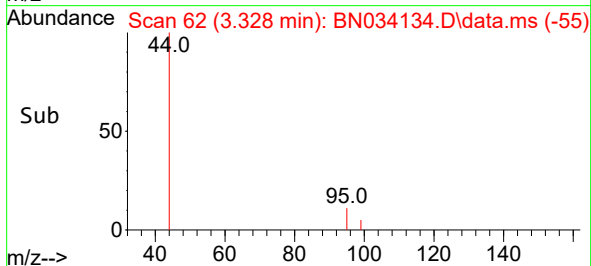
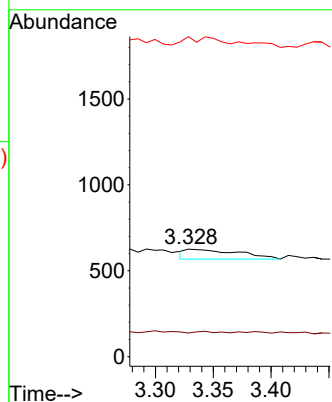
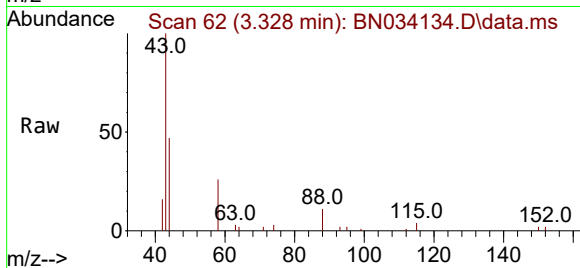
Tgt Ion: 42 Resp: 182

Ion Ratio Lower Upper

42 100

74 8.2 94.6 142.0#

44 19.2 12.4 18.6#



#4

2-Fluorophenol

Concen: 0.105 ng

RT: 5.069 min Scan# 303

Delta R.T. -0.006 min

Lab File: BN034134.D

Acq: 21 Sep 2024 20:51

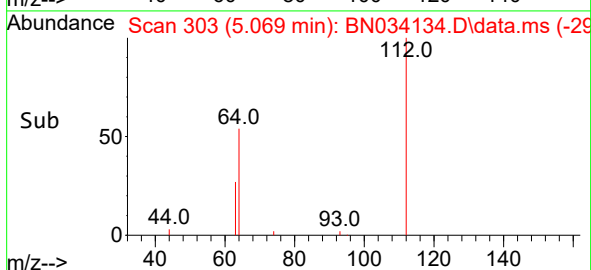
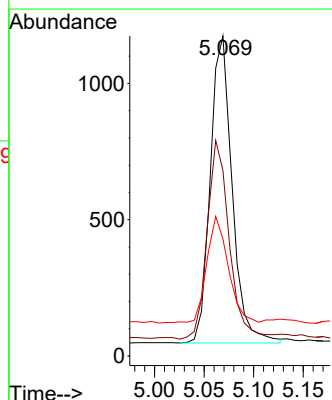
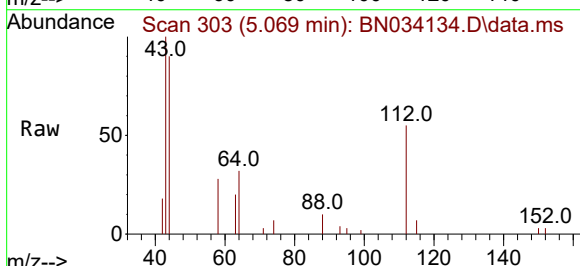
Tgt Ion: 112 Resp: 1725

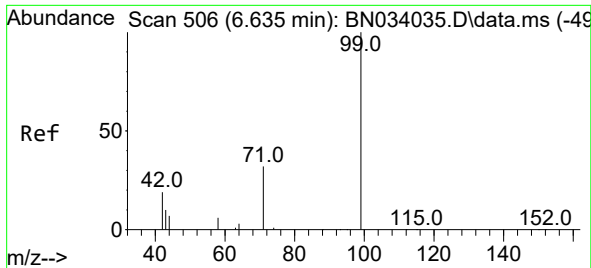
Ion Ratio Lower Upper

112 100

64 65.3 48.6 72.8

63 33.6 25.6 38.4

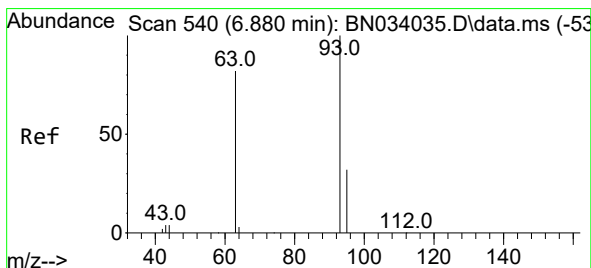
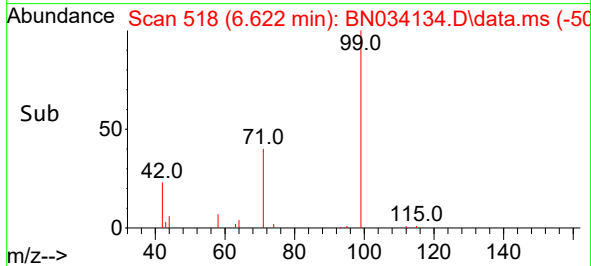
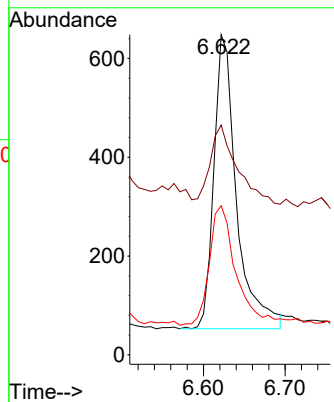
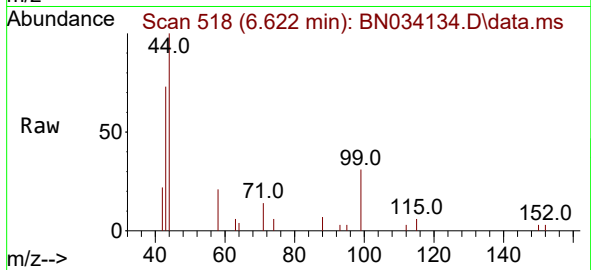




#5
Phenol-d6
Concen: 0.060 ng
RT: 6.622 min Scan# 511
Delta R.T. -0.013 min
Lab File: BN034134.D
Acq: 21 Sep 2024 20:51

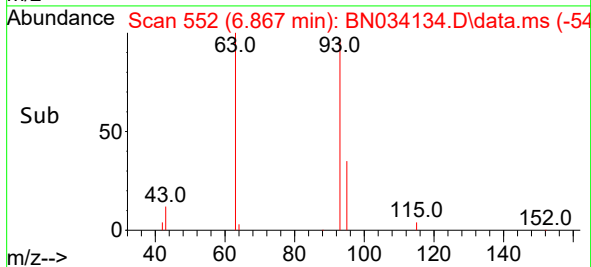
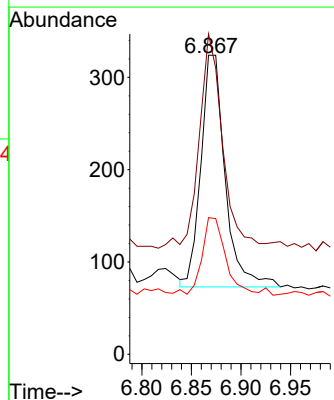
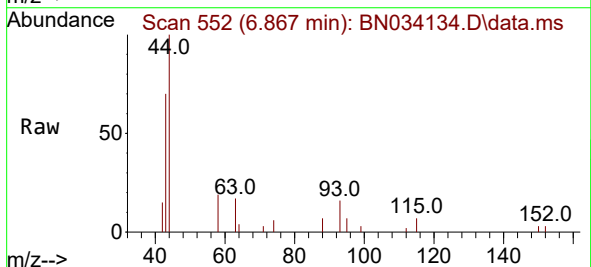
Instrument :
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ClientSampleId :
RE132D5-20240918

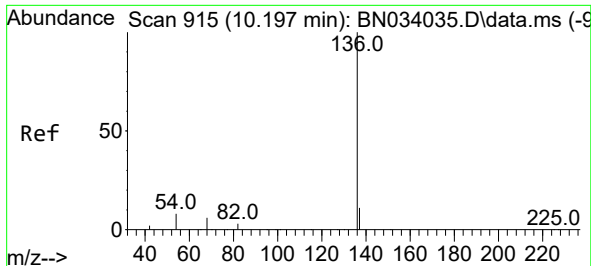
Tgt Ion: 99 Resp: 1147
Ion Ratio Lower Upper
99 100
42 31.9 17.8 26.8#
71 47.3 26.2 39.2#



#6
bis(2-Chloroethyl)ether
Concen: 0.025 ng
RT: 6.867 min Scan# 552
Delta R.T. -0.013 min
Lab File: BN034134.D
Acq: 21 Sep 2024 20:51

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

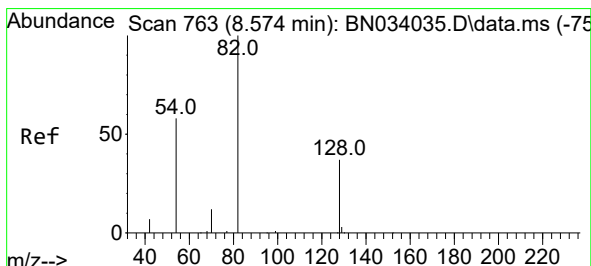
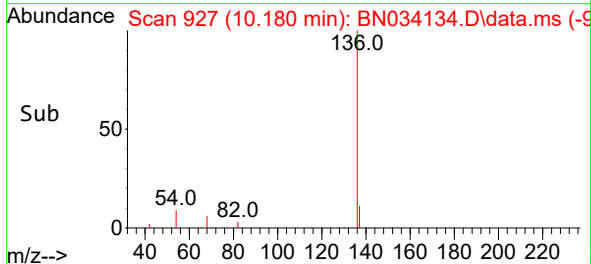
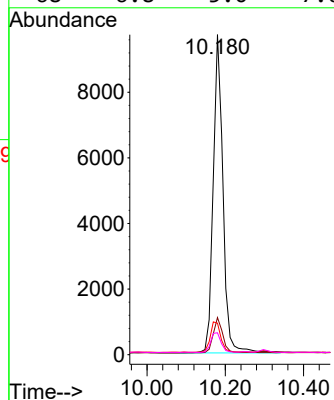
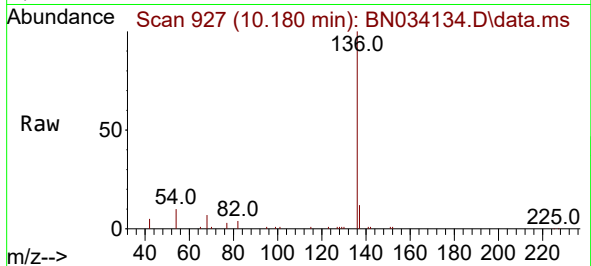




#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.180 min Scan# 915
Delta R.T. -0.017 min
Lab File: BN034134.D
Acq: 21 Sep 2024 20:51

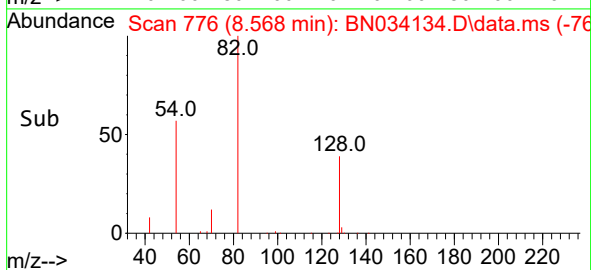
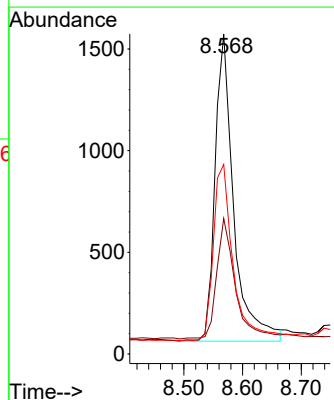
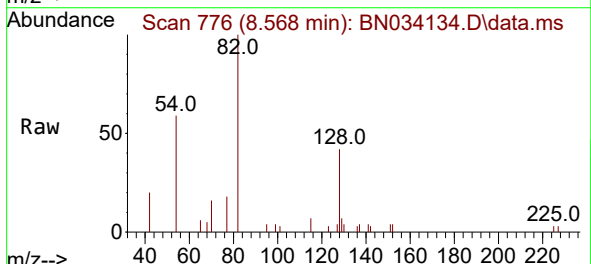
Instrument :
BNA_N
ClientSampleId :
RE132D5-20240918

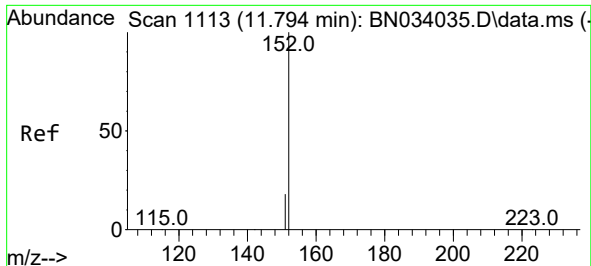
Tgt Ion:	136	Resp:	16840
Ion Ratio	Lower	Upper	
136	100		
137	11.6	9.0	13.6
54	9.9	6.8	10.2
68	6.8	5.0	7.6



#8
Nitrobenzene-d5
Concen: 0.259 ng
RT: 8.568 min Scan# 776
Delta R.T. -0.006 min
Lab File: BN034134.D
Acq: 21 Sep 2024 20:51

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

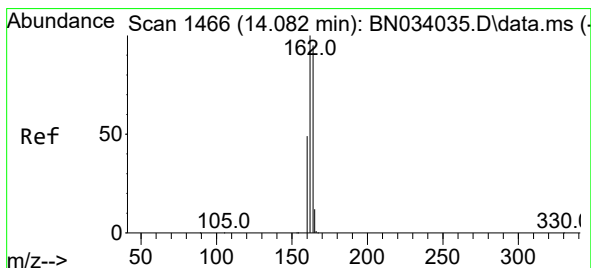
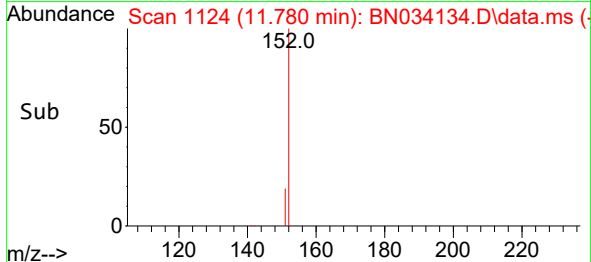
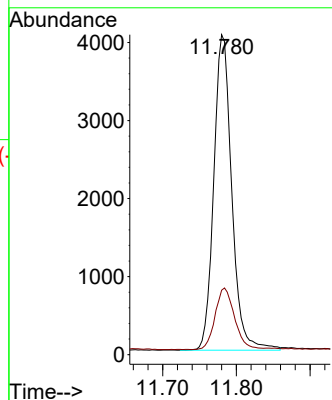
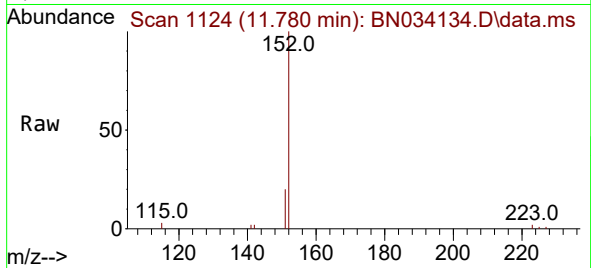




#11
2-Methylnaphthalene-d10
Concen: 0.276 ng
RT: 11.780 min Scan# 1113
Delta R.T. -0.014 min
Lab File: BN034134.D
Acq: 21 Sep 2024 20:51

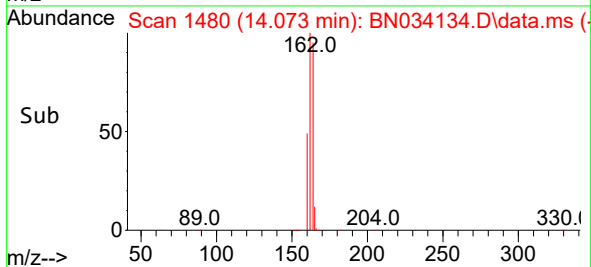
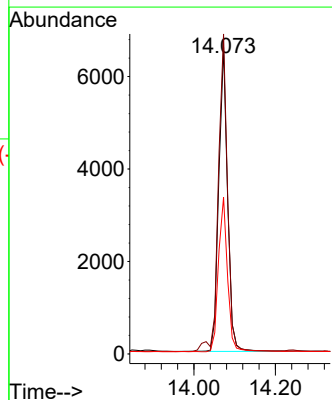
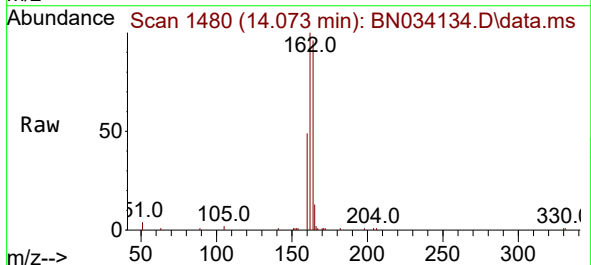
Instrument :
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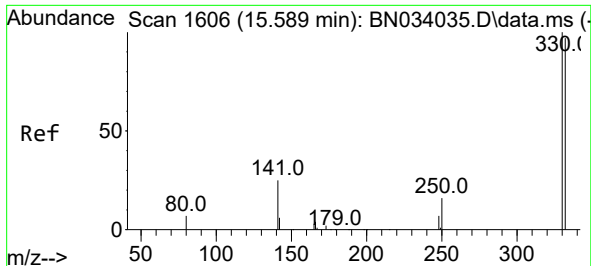
Tgt Ion:152 Resp: 6853
Ion Ratio Lower Upper
152 100
151 21.2 16.8 25.2



#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.073 min Scan# 1480
Delta R.T. -0.009 min
Lab File: BN034134.D
Acq: 21 Sep 2024 20:51

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

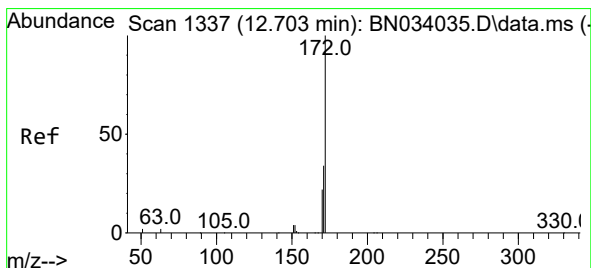
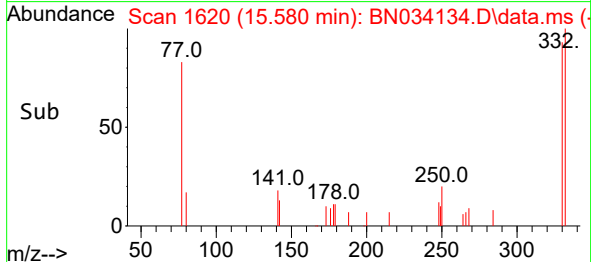
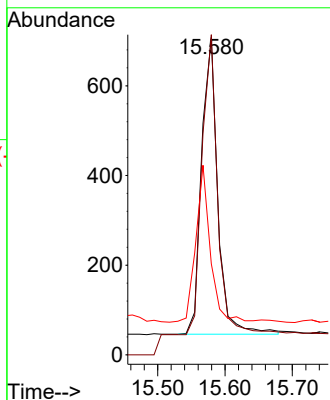
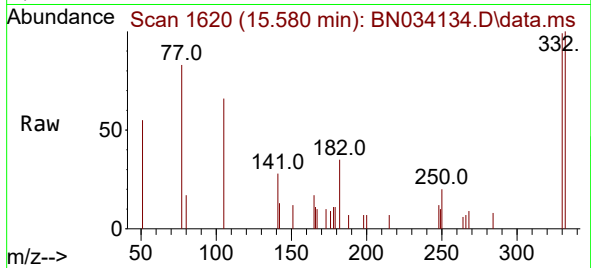




#14
2,4,6-Tribromophenol
Concen: 0.251 ng
RT: 15.580 min Scan# 1
Delta R.T. -0.009 min
Lab File: BN034134.D
Acq: 21 Sep 2024 20:51

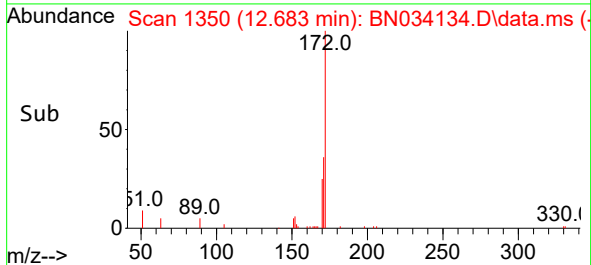
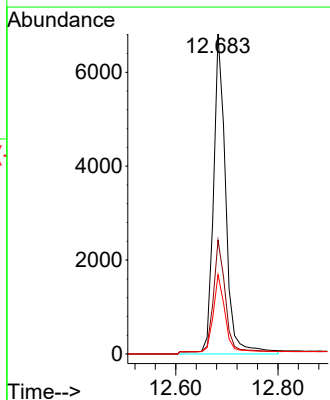
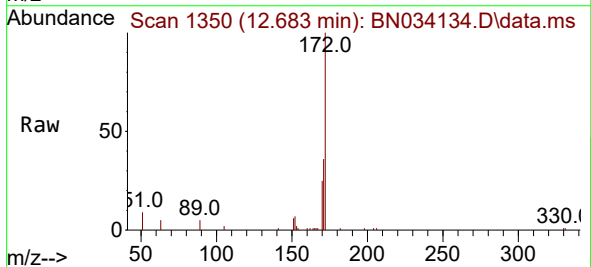
Instrument :
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RE132D5-20240918

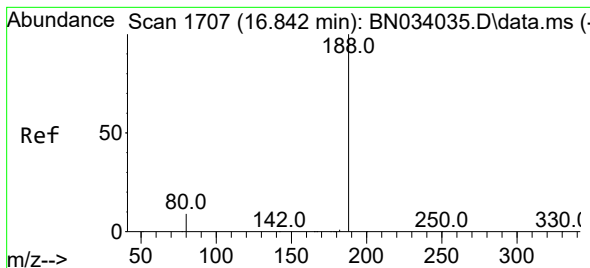
Tgt Ion:330 Resp: 1113
Ion Ratio Lower Upper
330 100
332 97.4 77.4 116.0
141 46.8 35.9 53.9



#15
2-Fluorobiphenyl
Concen: 0.277 ng
RT: 12.683 min Scan# 1350
Delta R.T. -0.020 min
Lab File: BN034134.D
Acq: 21 Sep 2024 20:51

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# 11

Delta R.T. -0.009 min

Lab File: BN034134.D

Acq: 21 Sep 2024 20:51

Instrument :

BNA_N

ClientSampleId :

RE132D5-20240918

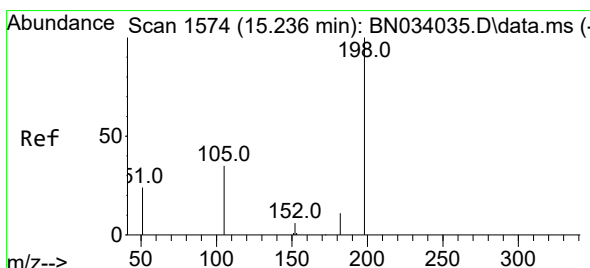
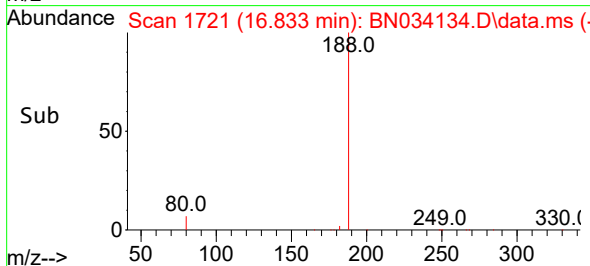
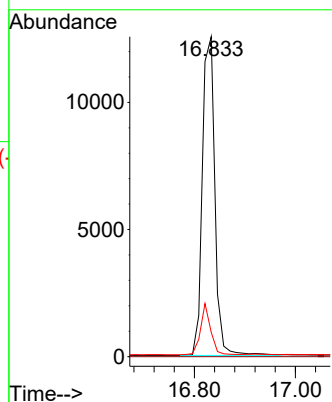
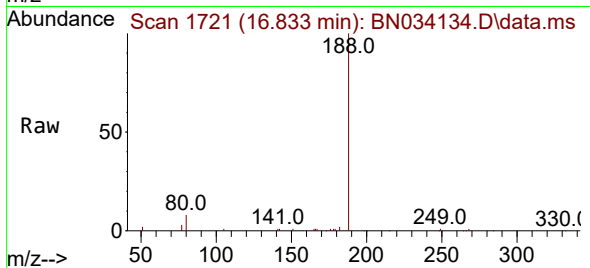
Tgt Ion:188 Resp: 21733

Ion Ratio Lower Upper

188 100

94 0.0 0.0 0.0

80 7.6 7.4 11.0



#20

4,6-Dinitro-2-methylphenol

Concen: 0.140 ng

RT: 15.259 min Scan# 1591

Delta R.T. 0.023 min

Lab File: BN034134.D

Acq: 21 Sep 2024 20:51

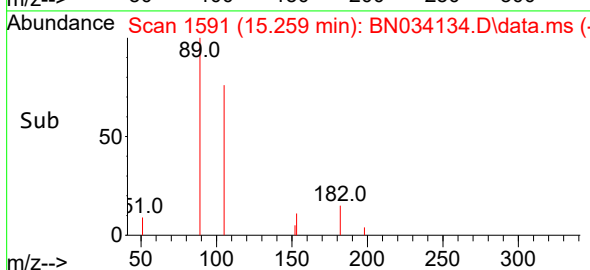
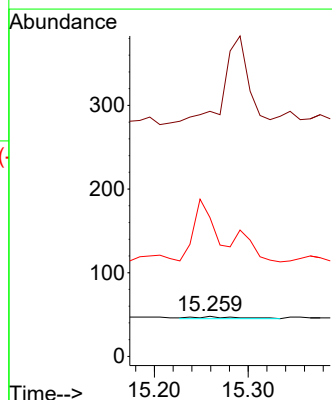
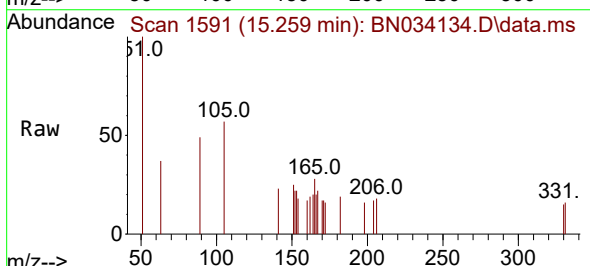
Tgt Ion:198 Resp: 8

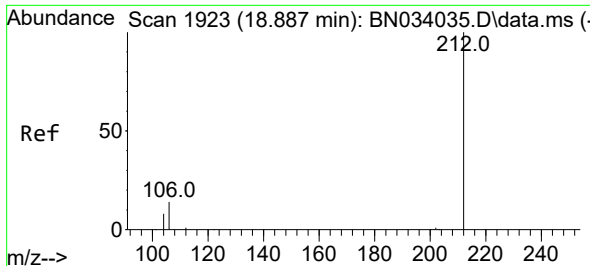
Ion Ratio Lower Upper

198 100

51 610.4 106.4 159.6#

105 345.8 38.5 57.7#

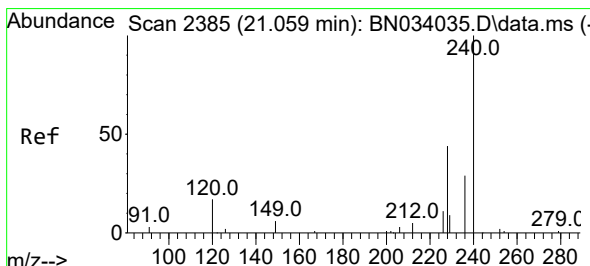
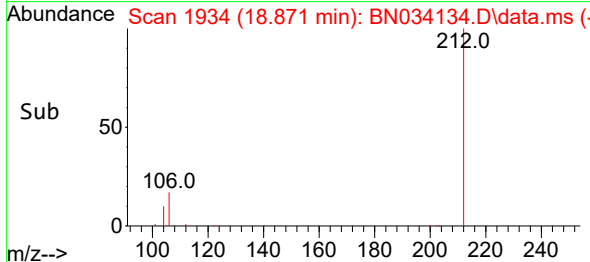
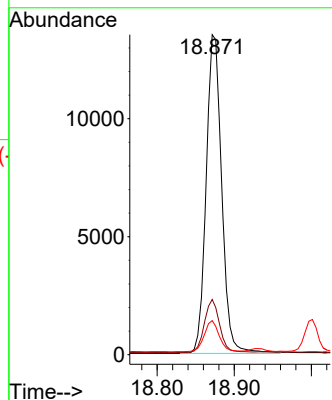
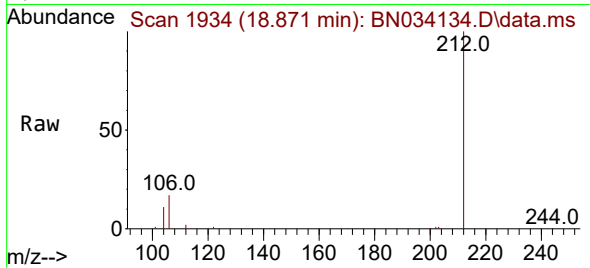




#27
Fluoranthene-d10
Concen: 0.346 ng
RT: 18.871 min Scan# 1923
Delta R.T. -0.015 min
Lab File: BN034134.D
Acq: 21 Sep 2024 20:51

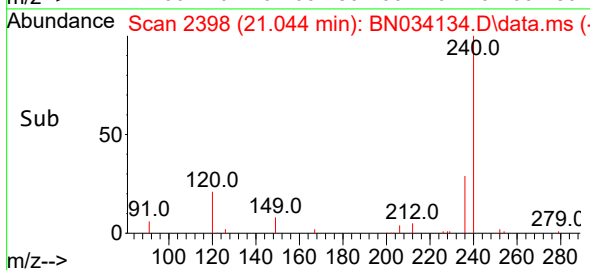
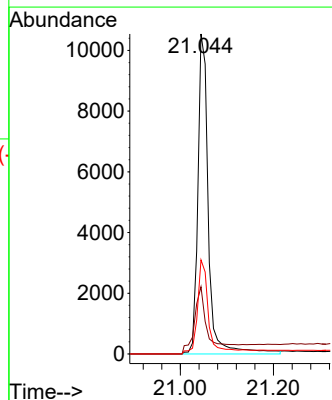
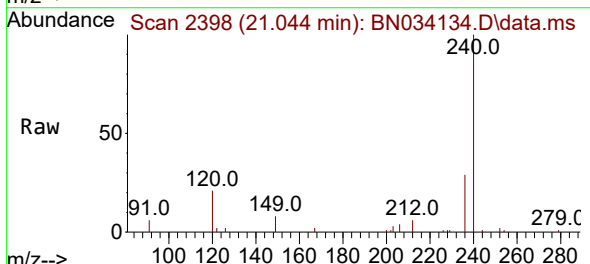
Instrument :
BNA_N
ClientSampleId :
RE132D5-20240918

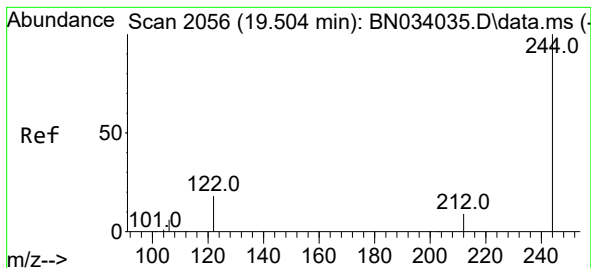
Tgt Ion	Ratio	Lower	Upper
212	100		
106	16.3	13.4	20.2
104	9.4	7.8	11.6



#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	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

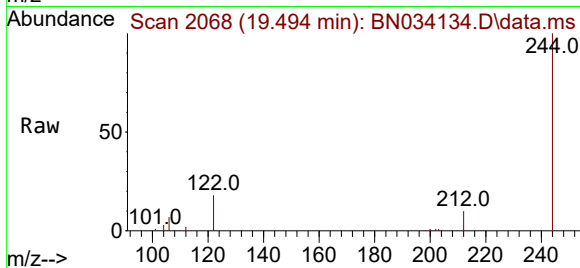
Acq: 21 Sep 2024 20:51

Instrument :

BNA_N

ClientSampleId :

RE132D5-20240918



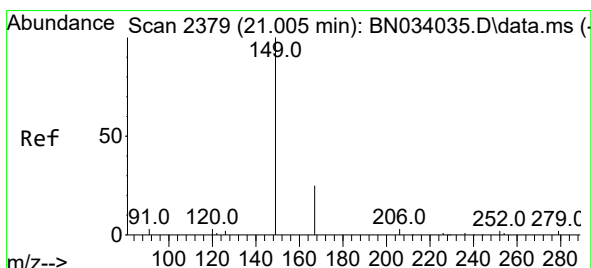
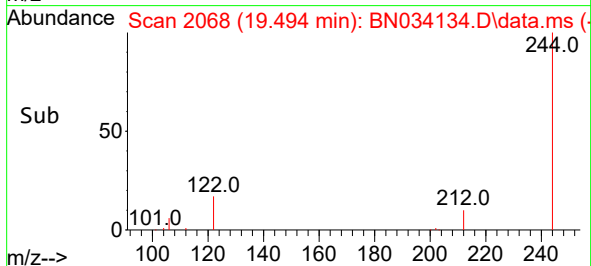
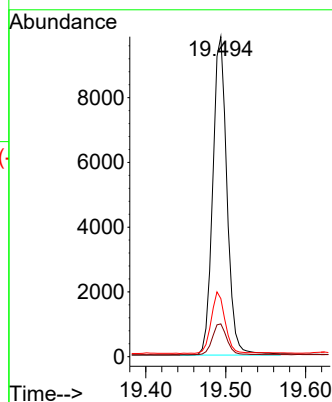
Tgt Ion:244 Resp: 12149

Ion Ratio Lower Upper

244 100

212 10.3 7.8 11.6

122 18.1 14.8 22.2



#34

Bis(2-ethylhexyl)phthalate

Concen: 0.059 ng

RT: 21.008 min Scan# 2394

Delta R.T. 0.003 min

Lab File: BN034134.D

Acq: 21 Sep 2024 20:51

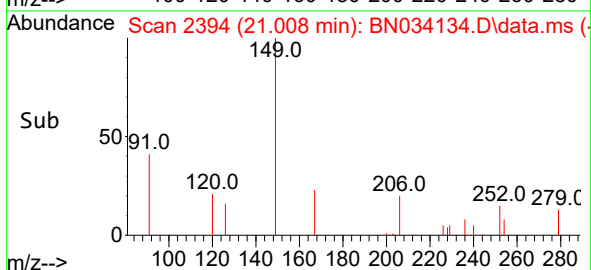
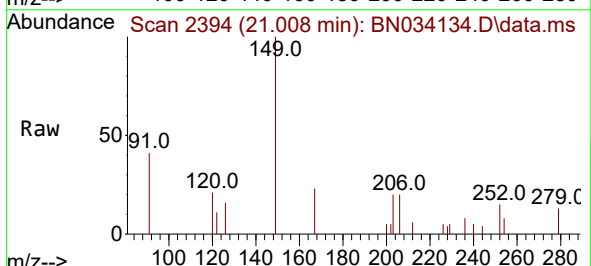
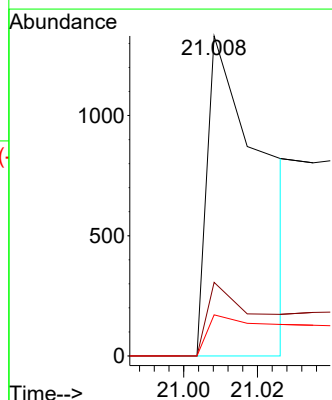
Tgt Ion:149 Resp: 1233

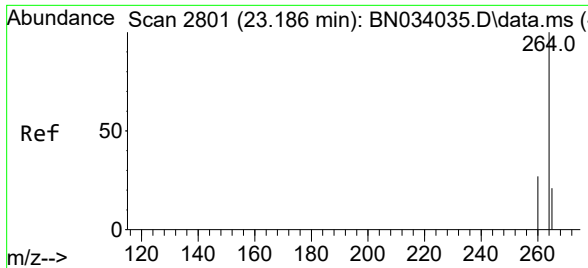
Ion Ratio Lower Upper

149 100

167 21.7 19.9 29.9

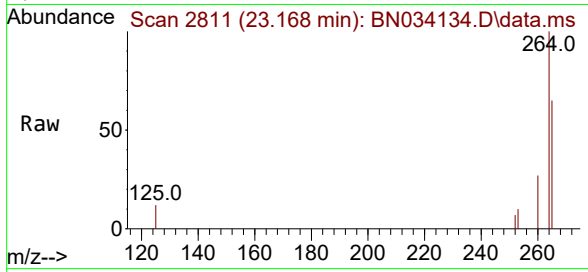
279 14.5 4.6 6.8#





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

Instrument :
BNA_N
ClientSampleId :
RE132D5-20240918



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

