

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN092624\
 Data File : BN034254.D
 Acq On : 26 Sep 2024 20:58
 Operator : RC/JU
 Sample : P4164-15
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 RE135D3-20240920

Quant Time: Sep 27 01:02:33 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN091924.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Sep 26 14:44:02 2024
 Response via : Initial Calibration

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

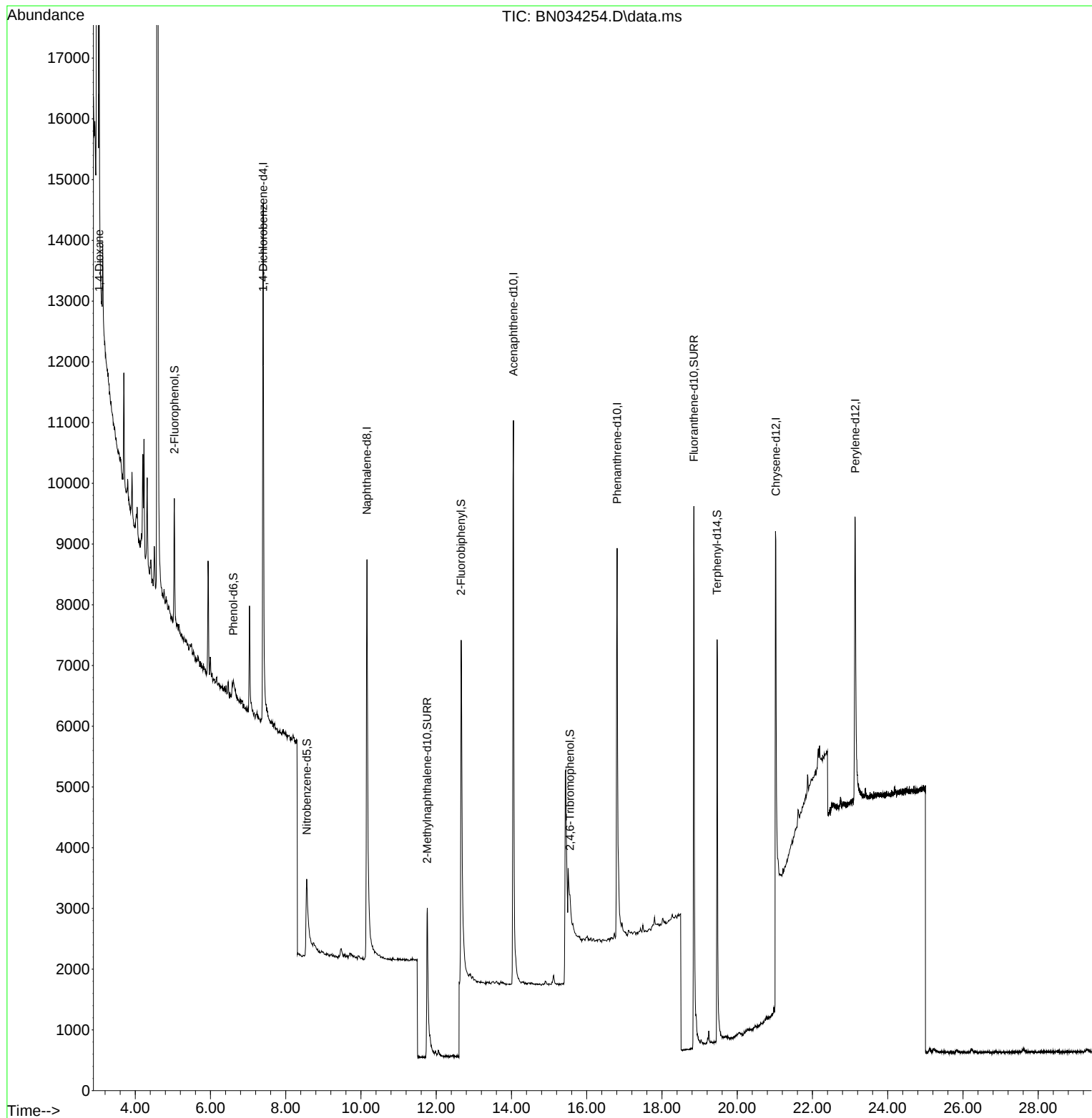
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.401	152	5059	0.400	ng	0.00
7) Naphthalene-d8	10.159	136	13390	0.400	ng	# 0.01
13) Acenaphthene-d10	14.051	164	7030	0.400	ng	0.00
19) Phenanthrene-d10	16.808	188	12942	0.400	ng	# 0.00
29) Chrysene-d12	21.026	240	8592	0.400	ng	0.01
35) Perylene-d12	23.133	264	7854	0.400	ng	# 0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.040	112	1626	0.113	ng	0.00
5) Phenol-d6	6.607	99	646	0.039	ng	0.00
8) Nitrobenzene-d5	8.557	82	2412	0.235	ng	0.02
11) 2-Methylnaphthalene-d10	11.761	152	5623	0.284	ng	0.00
14) 2,4,6-Tribromophenol	15.555	330	237	0.074	ng	0.00
15) 2-Fluorobiphenyl	12.661	172	8310	0.291	ng	0.00
27) Fluoranthene-d10	18.848	212	12084	0.370	ng	0.00
31) Terphenyl-d14	19.466	244	7648	0.446	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.039	88	2196	0.347	ng	# 53

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

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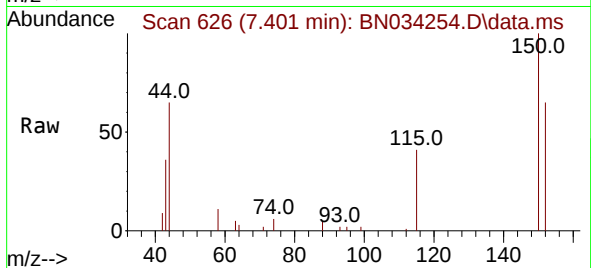
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Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN091924.M
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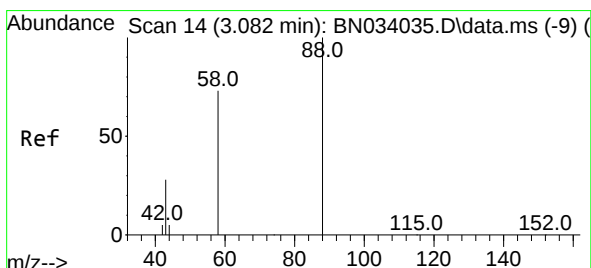
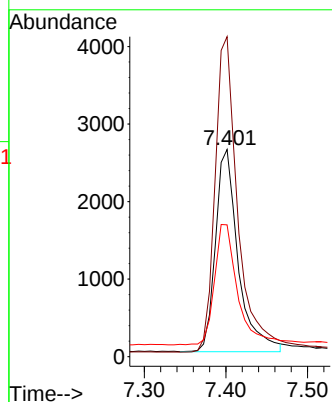
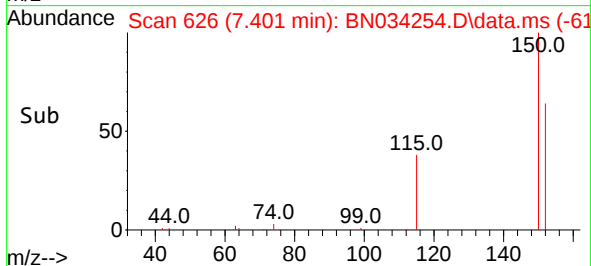


#1
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.401 min Scan# 61
Delta R.T. 0.007 min
Lab File: BN034254.D
Acq: 26 Sep 2024 20:58

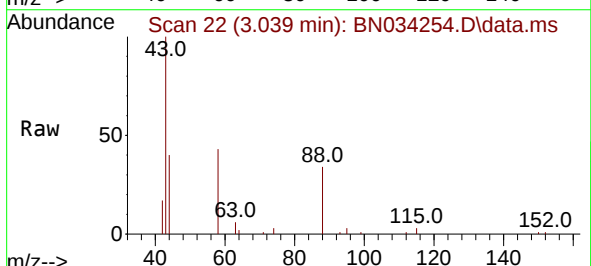
Instrument :
BNA_N
ClientSampleId :
RE135D3-20240920



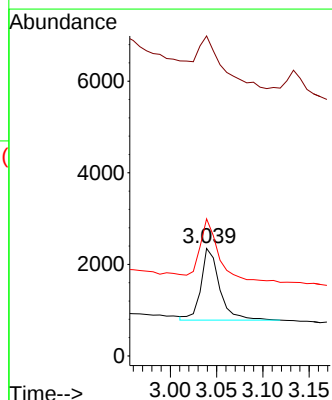
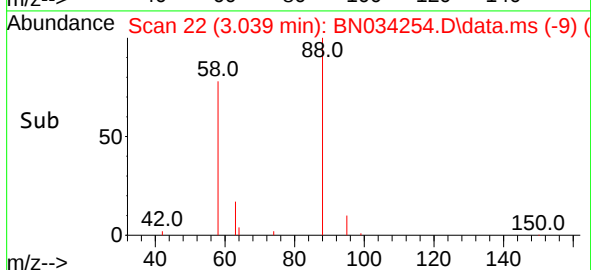
Tgt Ion:152 Resp: 5059
Ion Ratio Lower Upper
152 100
150 154.5 124.6 187.0
115 63.7 50.0 75.0



#2
1,4-Dioxane
Concen: 0.347 ng
RT: 3.039 min Scan# 22
Delta R.T. -0.007 min
Lab File: BN034254.D
Acq: 26 Sep 2024 20:58



Tgt Ion: 88 Resp: 2196
Ion Ratio Lower Upper
88 100
43 89.4 25.8 38.8#
58 92.5 58.8 88.2#

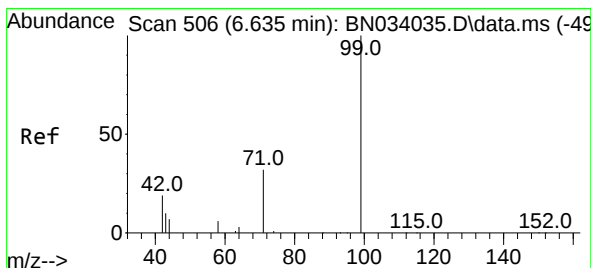
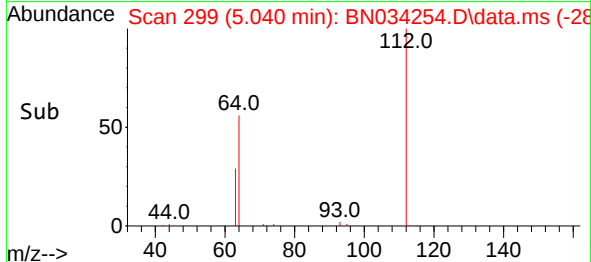
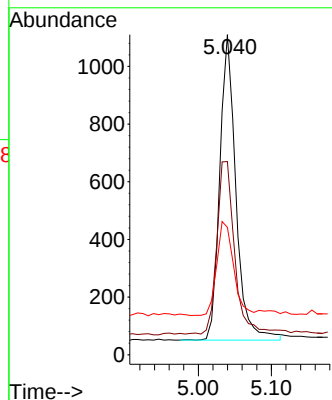
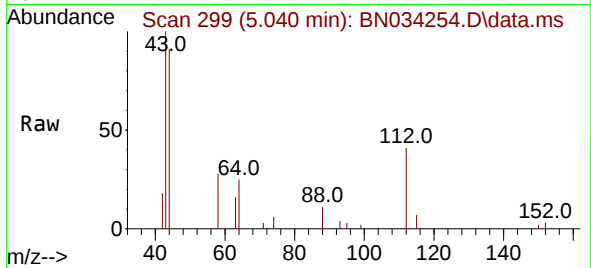




#4
2-Fluorophenol
Concen: 0.113 ng
RT: 5.040 min Scan# 290
Delta R.T. 0.007 min
Lab File: BN034254.D
Acq: 26 Sep 2024 20:58

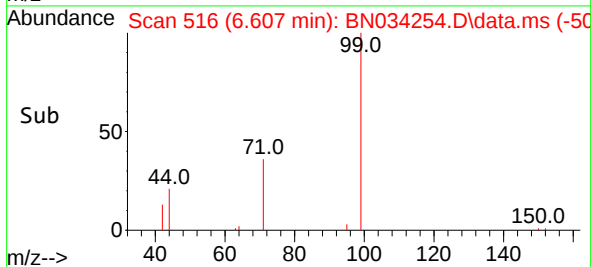
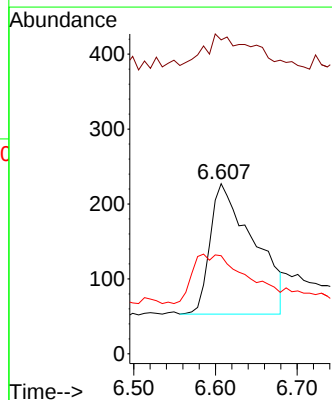
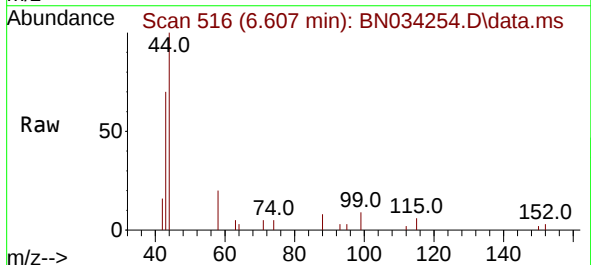
Instrument :
BNA_N
ClientSampleId :
RE135D3-20240920

Tgt Ion:112 Resp: 1626
Ion Ratio Lower Upper
112 100
64 62.1 48.6 72.8
63 31.9 25.6 38.4



#5
Phenol-d6
Concen: 0.039 ng
RT: 6.607 min Scan# 516
Delta R.T. 0.007 min
Lab File: BN034254.D
Acq: 26 Sep 2024 20:58

Tgt Ion: 99 Resp: 646
Ion Ratio Lower Upper
99 100
42 24.8 17.8 26.8
71 0.0 26.2 39.2#

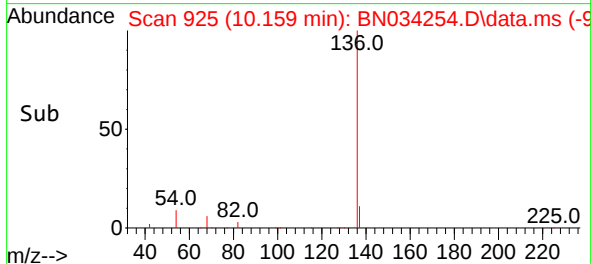
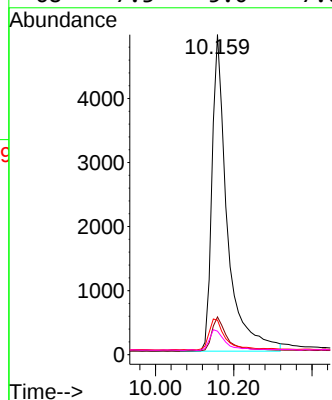
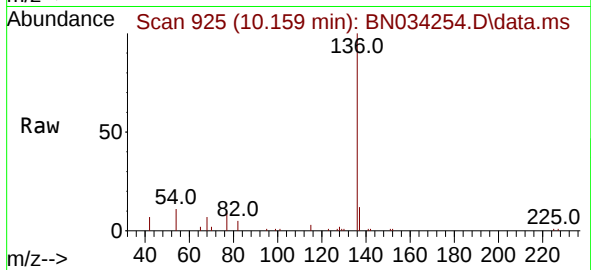




#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.159 min Scan# 915
Delta R.T. 0.011 min
Lab File: BN034254.D
Acq: 26 Sep 2024 20:58

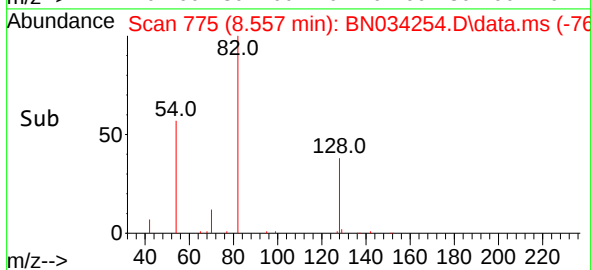
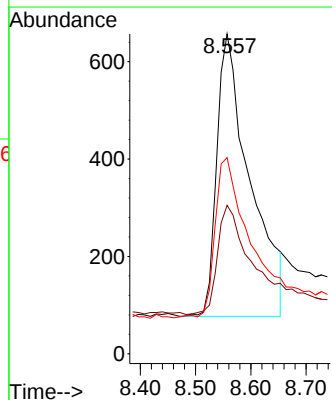
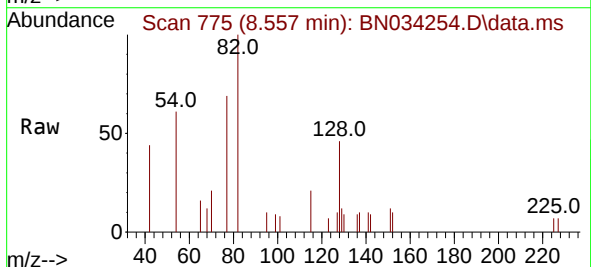
Instrument :
BNA_N
ClientSampleId :
RE135D3-20240920

Tgt Ion:	136	Resp:	13390
Ion Ratio	Lower	Upper	
136	100		
137	11.8	9.0	13.6
54	10.8	6.8	10.2
68	7.3	5.0	7.6



#8
Nitrobenzene-d5
Concen: 0.235 ng
RT: 8.557 min Scan# 775
Delta R.T. 0.021 min
Lab File: BN034254.D
Acq: 26 Sep 2024 20:58

Tgt Ion:	82	Resp:	2412
Ion Ratio	Lower	Upper	
82	100		
128	46.4	31.4	47.2
54	61.3	47.4	71.0

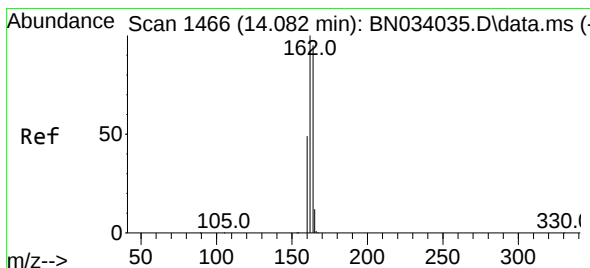
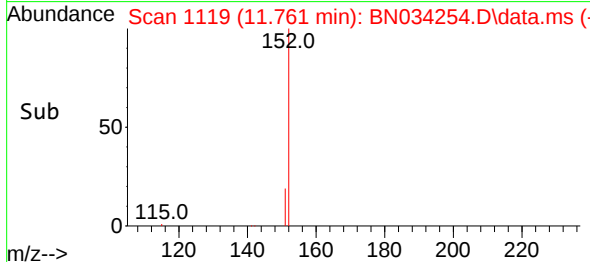
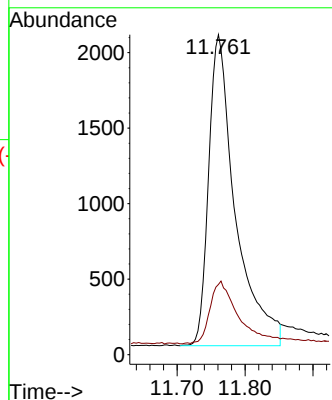
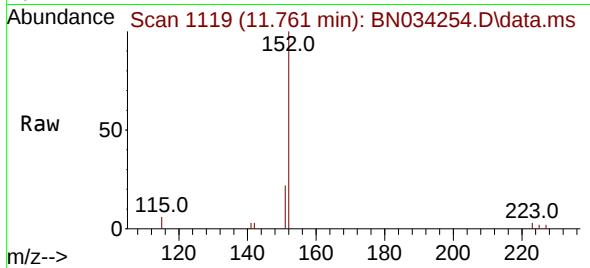




#11
2-Methylnaphthalene-d10
Concen: 0.284 ng
RT: 11.761 min Scan# 1119
Delta R.T. 0.008 min
Lab File: BN034254.D
Acq: 26 Sep 2024 20:58

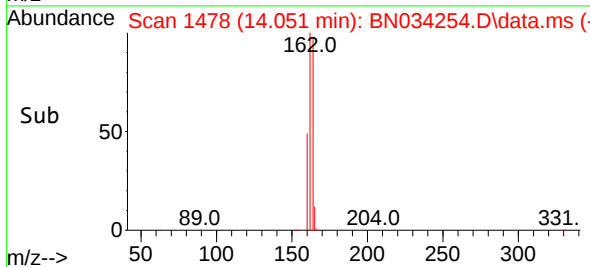
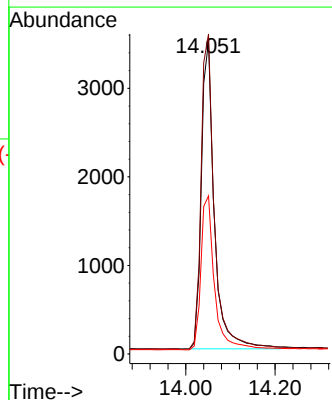
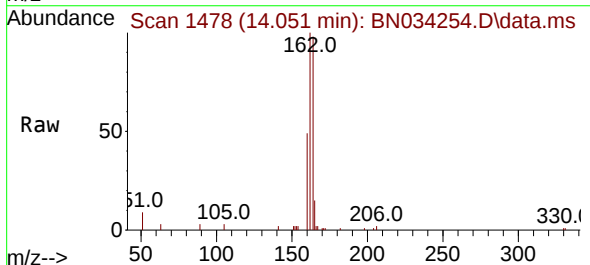
Instrument :
BNA_N
ClientSampleId :
RE135D3-20240920

Tgt Ion:152 Resp: 5623
Ion Ratio Lower Upper
152 100
151 21.4 16.8 25.2



#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.051 min Scan# 1478
Delta R.T. 0.004 min
Lab File: BN034254.D
Acq: 26 Sep 2024 20:58

Tgt Ion:164 Resp: 7030
Ion Ratio Lower Upper
164 100
162 102.3 84.2 126.2
160 50.5 41.7 62.5

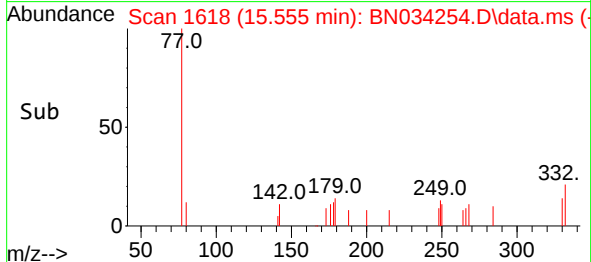
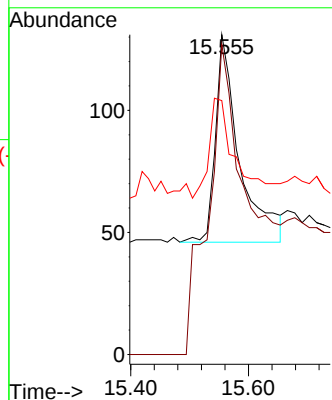
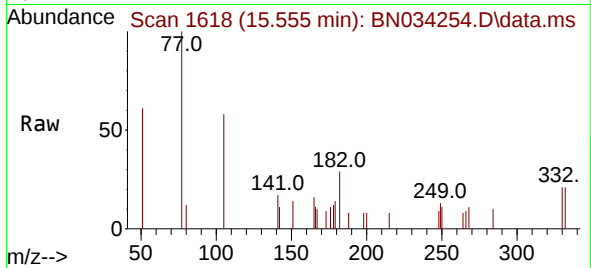




#14
2,4,6-Tribromophenol
Concen: 0.074 ng
RT: 15.555 min Scan# 1
Delta R.T. 0.005 min
Lab File: BN034254.D
Acq: 26 Sep 2024 20:58

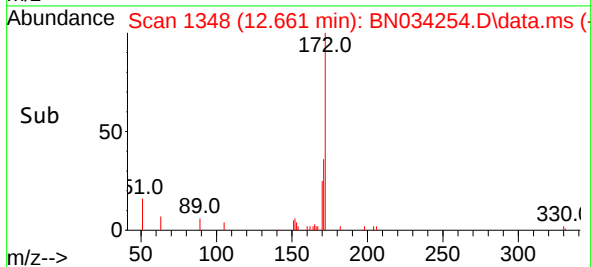
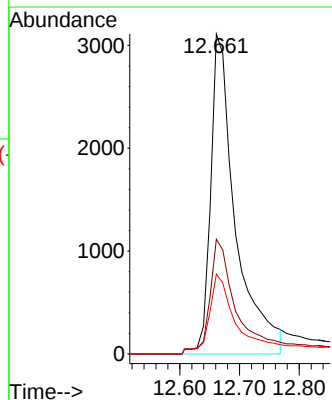
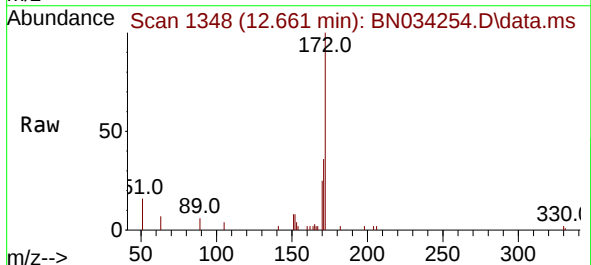
Instrument :
BNA_N
ClientSampleId :
RE135D3-20240920

Tgt Ion:330 Resp: 237
Ion Ratio Lower Upper
330 100
332 268.4 77.4 116.0#
141 53.2 35.9 53.9



#15
2-Fluorobiphenyl
Concen: 0.291 ng
RT: 12.661 min Scan# 1348
Delta R.T. 0.004 min
Lab File: BN034254.D
Acq: 26 Sep 2024 20:58

Tgt Ion:172 Resp: 8310
Ion Ratio Lower Upper
172 100
171 35.9 27.3 40.9
170 25.0 18.1 27.1





#19

Phenanthrene-d10

Concen: 0.400 ng

RT: 16.808 min Scan# 11

Delta R.T. 0.005 min

Lab File: BN034254.D

Acq: 26 Sep 2024 20:58

Instrument :

BNA_N

ClientSampleId :

RE135D3-20240920

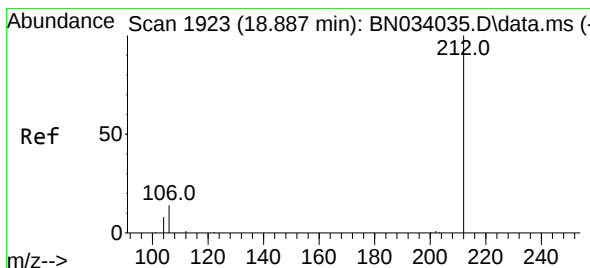
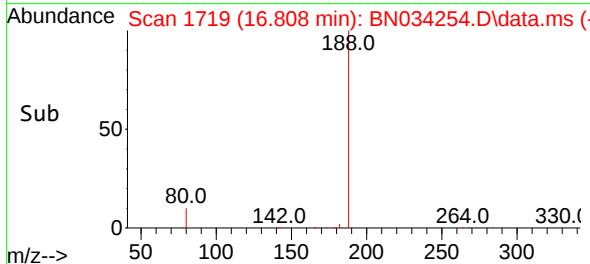
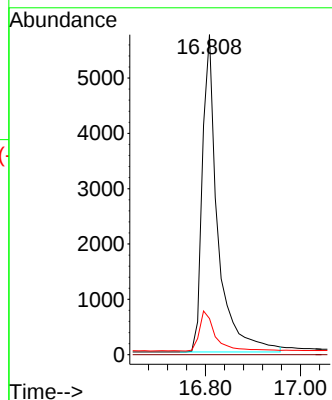
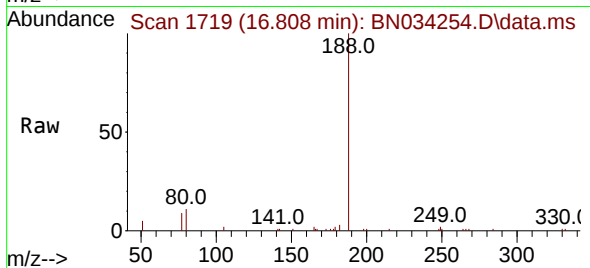
Tgt Ion:188 Resp: 12942

Ion Ratio Lower Upper

188 100

94 0.0 0.0 0.0

80 11.3 7.4 11.0#



#27

Fluoranthene-d10

Concen: 0.370 ng

RT: 18.848 min Scan# 1929

Delta R.T. 0.002 min

Lab File: BN034254.D

Acq: 26 Sep 2024 20:58

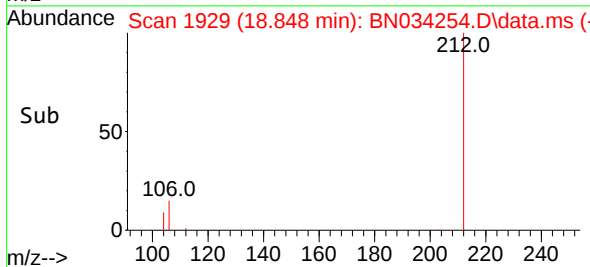
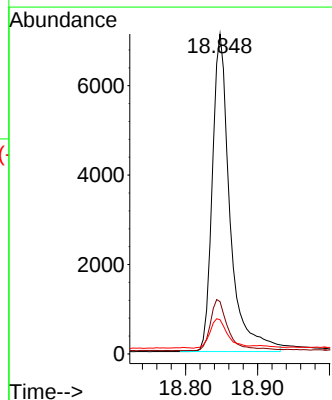
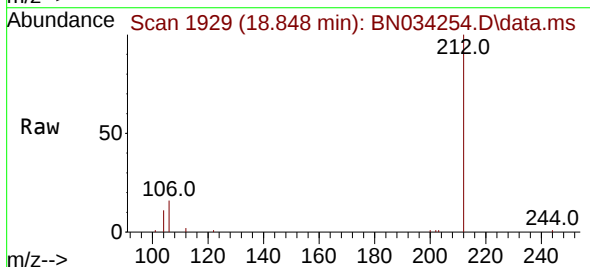
Tgt Ion:212 Resp: 12084

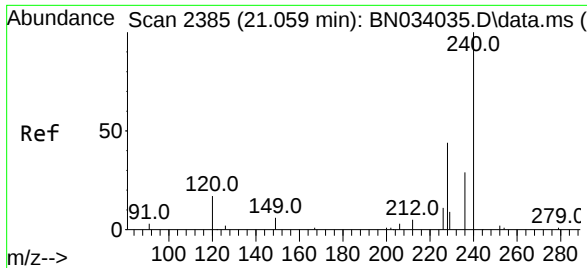
Ion Ratio Lower Upper

212 100

106 16.3 13.4 20.2

104 9.4 7.8 11.6

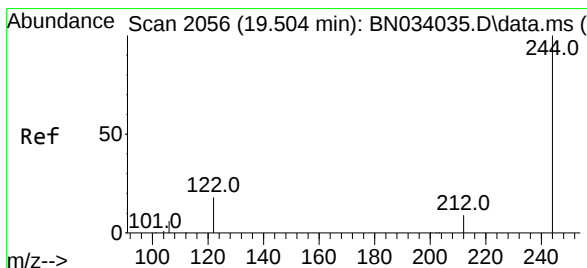
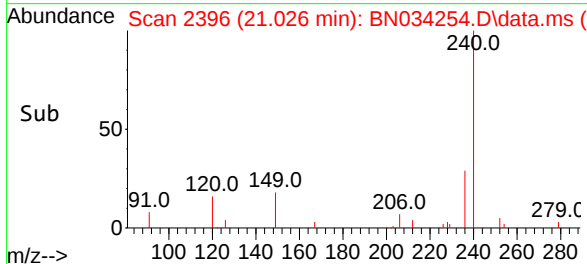
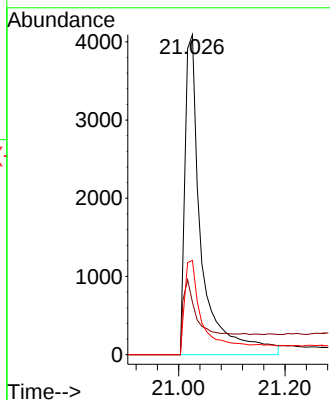
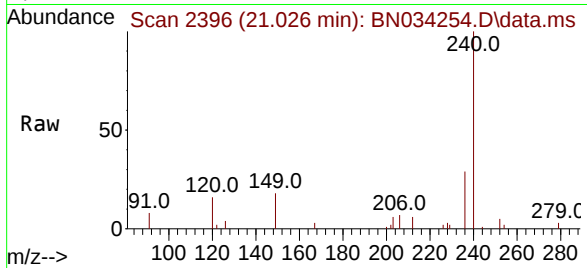




#29
Chrysene-d12
Concen: 0.400 ng
RT: 21.026 min Scan# 21
Delta R.T. 0.011 min
Lab File: BN034254.D
Acq: 26 Sep 2024 20:58

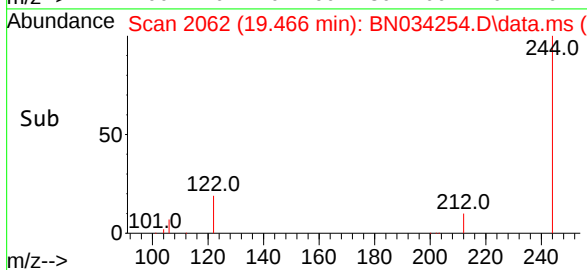
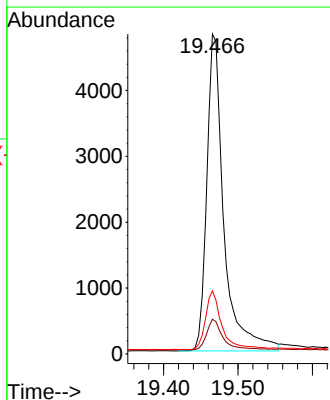
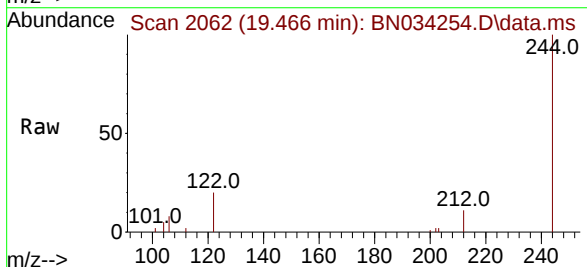
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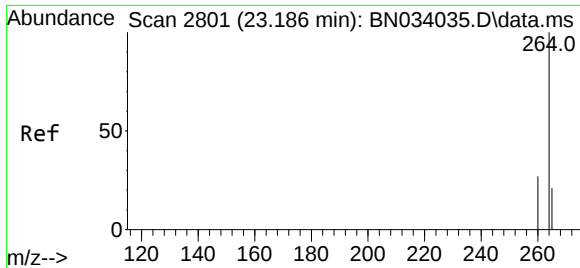
Tgt Ion:240 Resp: 8592
Ion Ratio Lower Upper
240 100
120 16.4 13.5 20.3
236 29.4 23.4 35.0



#31
Terphenyl-d14
Concen: 0.446 ng
RT: 19.466 min Scan# 2062
Delta R.T. -0.002 min
Lab File: BN034254.D
Acq: 26 Sep 2024 20:58

Tgt Ion:244 Resp: 7648
Ion Ratio Lower Upper
244 100
212 10.9 7.8 11.6
122 19.7 14.8 22.2





#35
 Perylene-d12
 Concen: 0.400 ng
 RT: 23.133 min Scan# 21
 Delta R.T. 0.005 min
 Lab File: BN034254.D
 Acq: 26 Sep 2024 20:58

Instrument :
 BNA_N
 ClientSampleId :
 RE135D3-20240920

Tgt Ion:	264	Resp:	7854
Ion Ratio	Lower	Upper	
264	100		
260	27.3	21.7	32.5
265	107.1	52.1	78.1#

