

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN092624\
 Data File : BN034271.D
 Acq On : 27 Sep 2024 09:10
 Operator : RC/JU
 Sample : P4164-13
 Misc :
 ALS Vial : 25 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 RE135D1-20240920

Quant Time: Sep 27 10:57:00 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)

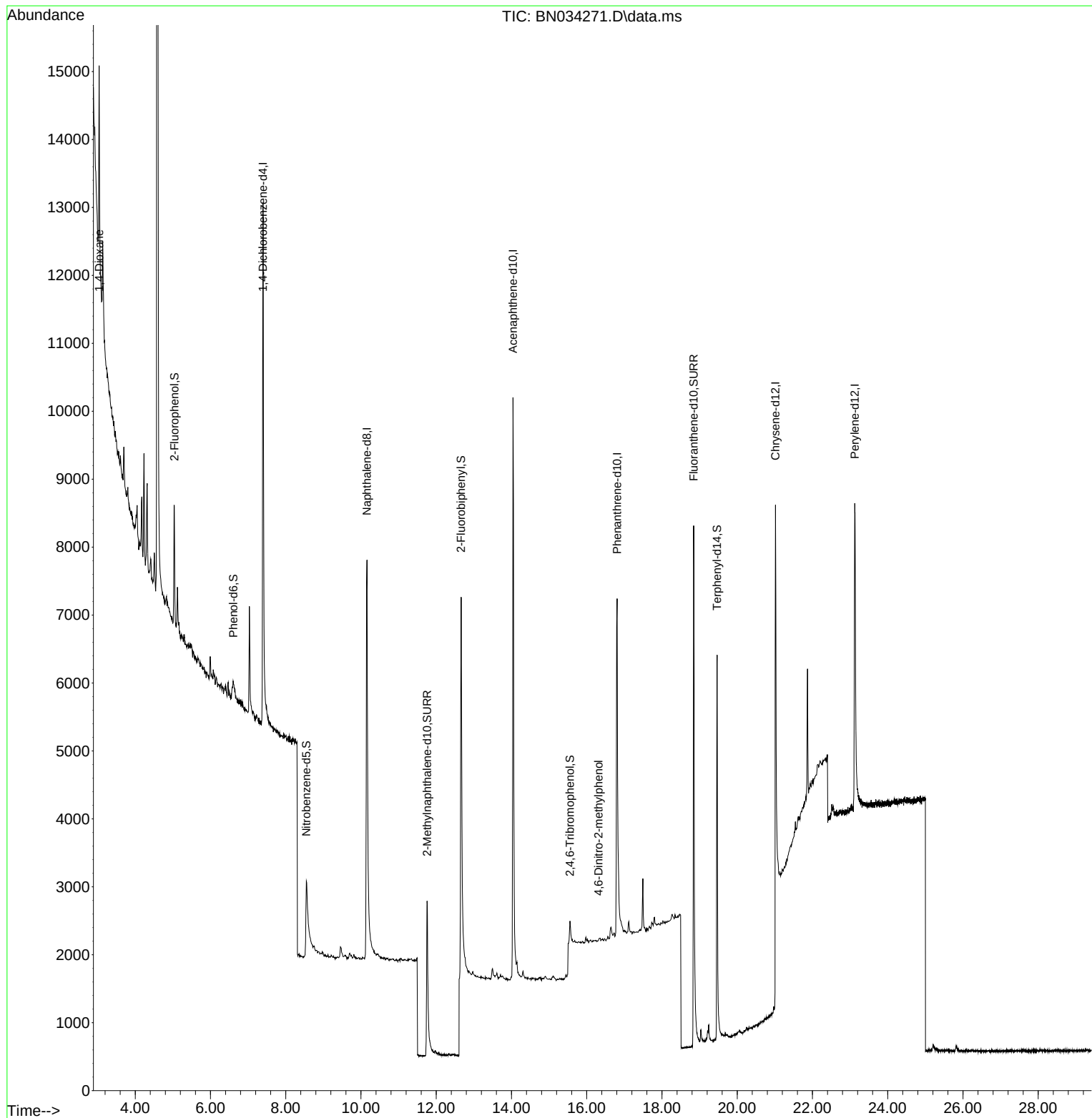
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.394	152	4538	0.400	ng	0.00
7) Naphthalene-d8	10.159	136	12118	0.400	ng	# 0.01
13) Acenaphthene-d10	14.040	164	6114	0.400	ng	0.00
19) Phenanthrene-d10	16.808	188	10889	0.400	ng	0.00
29) Chrysene-d12	21.017	240	7468	0.400	ng	# 0.00
35) Perylene-d12	23.125	264	7178	0.400	ng	# 0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.040	112	1400	0.109	ng	0.00
5) Phenol-d6	6.607	99	543	0.036	ng	0.00
8) Nitrobenzene-d5	8.547	82	2112	0.228	ng	0.01
11) 2-Methylnaphthalene-d10	11.757	152	4971	0.278	ng	0.00
14) 2,4,6-Tribromophenol	15.555	330	292	0.105	ng	0.00
15) 2-Fluorobiphenyl	12.661	172	7338	0.295	ng	0.00
27) Fluoranthene-d10	18.843	212	10292	0.375	ng	0.00
31) Terphenyl-d14	19.466	244	6547	0.439	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.039	88	1555	0.274	ng	# 20
20) 4,6-Dinitro-2-methylph...	16.312	198	7	0.141	ng	# 1

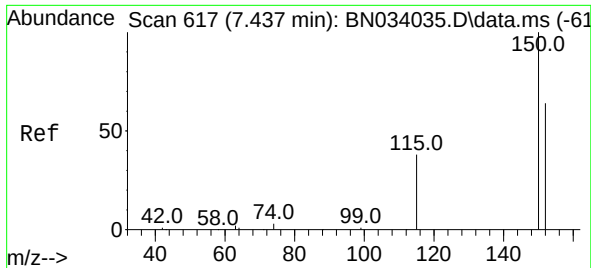
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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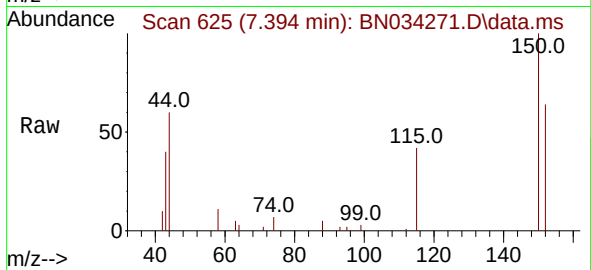
Quant Time: Sep 27 10:57:00 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN091924.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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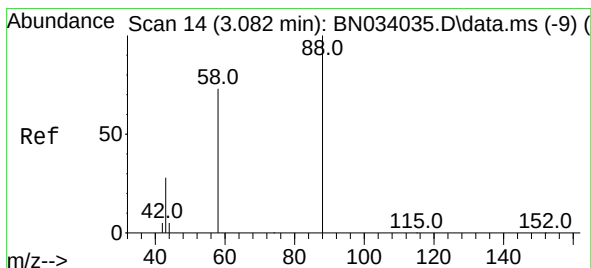
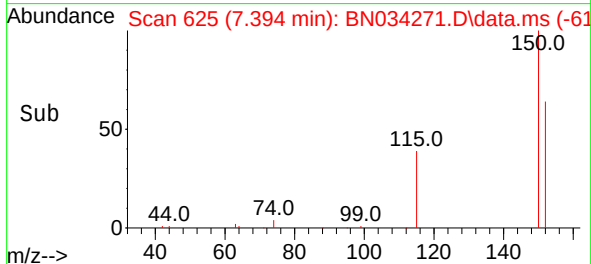
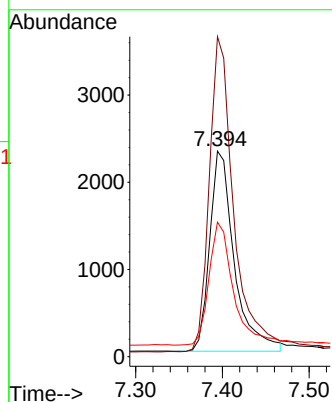


#1
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.394 min Scan# 61
Delta R.T. 0.000 min
Lab File: BN034271.D
Acq: 27 Sep 2024 09:10

Instrument :
BNA_N
ClientSampleId :
RE135D1-20240920

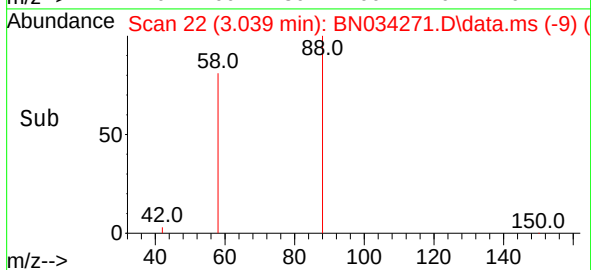
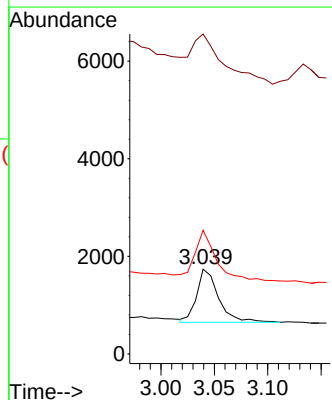
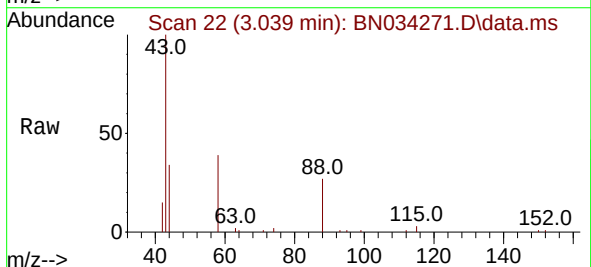


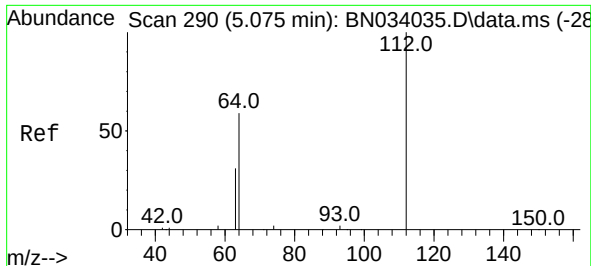
Tgt Ion:152 Resp: 4538
Ion Ratio Lower Upper
152 100
150 155.7 124.6 187.0
115 65.5 50.0 75.0



#2
1,4-Dioxane
Concen: 0.274 ng
RT: 3.039 min Scan# 22
Delta R.T. -0.007 min
Lab File: BN034271.D
Acq: 27 Sep 2024 09:10

Tgt Ion: 88 Resp: 1555
Ion Ratio Lower Upper
88 100
43 143.3 25.8 38.8#
58 97.4 58.8 88.2#

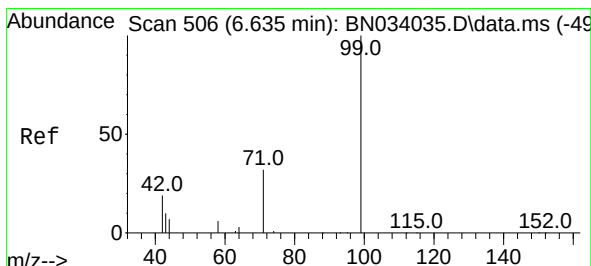
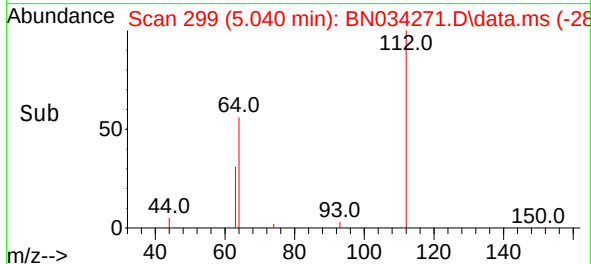
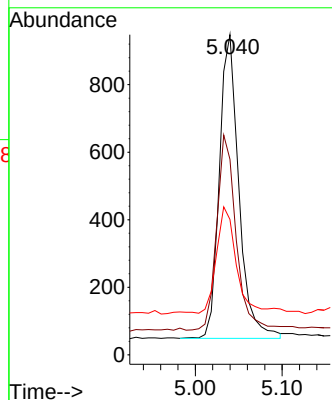
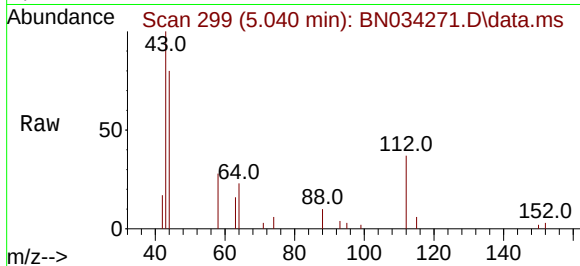




#4
2-Fluorophenol
Concen: 0.109 ng
RT: 5.040 min Scan# 20
Delta R.T. 0.007 min
Lab File: BN034271.D
Acq: 27 Sep 2024 09:10

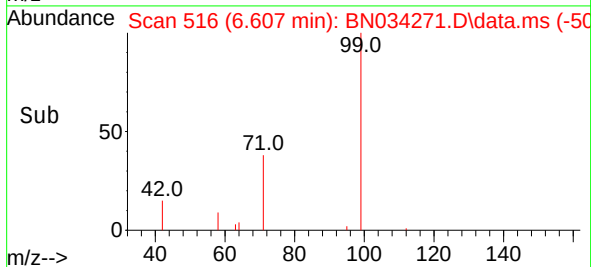
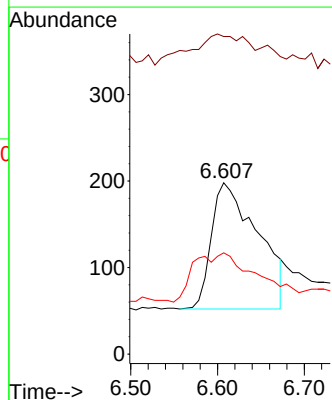
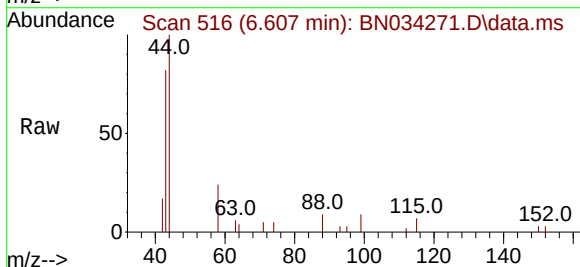
Instrument :
BNA_N
ClientSampleId :
RE135D1-20240920

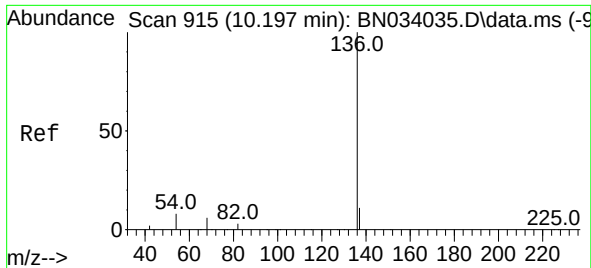
Tgt Ion:112 Resp: 1400
Ion Ratio Lower Upper
112 100
64 63.9 48.6 72.8
63 36.3 25.6 38.4



#5
Phenol-d6
Concen: 0.036 ng
RT: 6.607 min Scan# 516
Delta R.T. 0.007 min
Lab File: BN034271.D
Acq: 27 Sep 2024 09:10

Tgt Ion: 99 Resp: 543
Ion Ratio Lower Upper
99 100
42 35.0 17.8 26.8#
71 0.0 26.2 39.2#

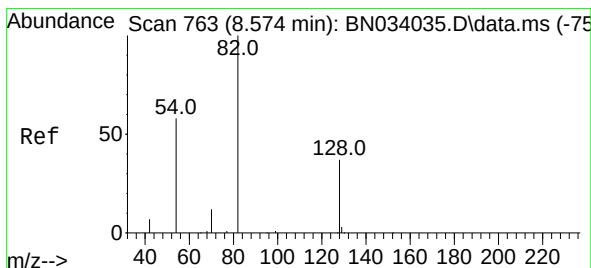
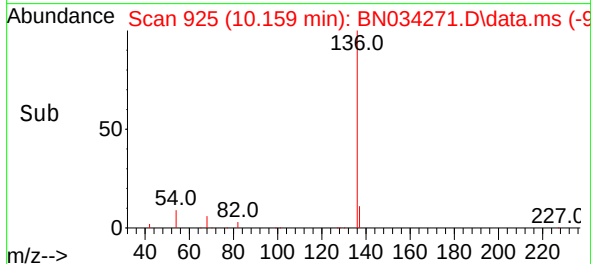
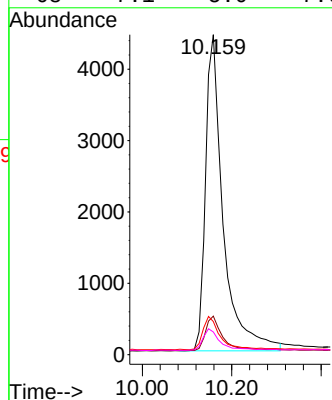
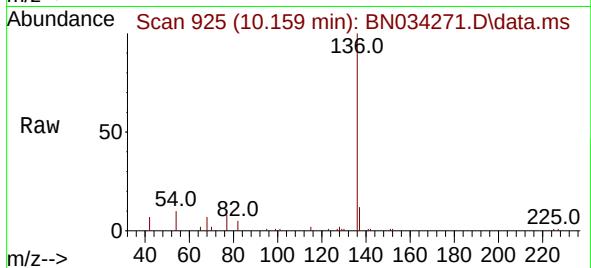




#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.159 min Scan# 915
Delta R.T. 0.011 min
Lab File: BN034271.D
Acq: 27 Sep 2024 09:10

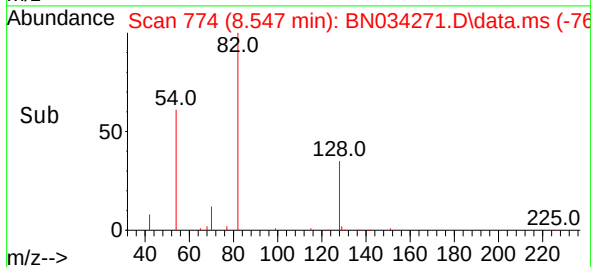
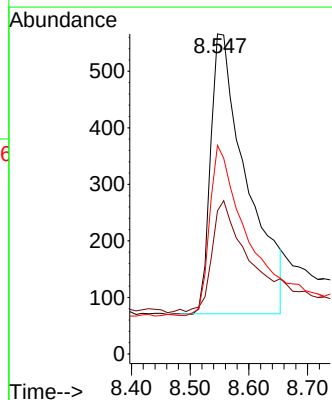
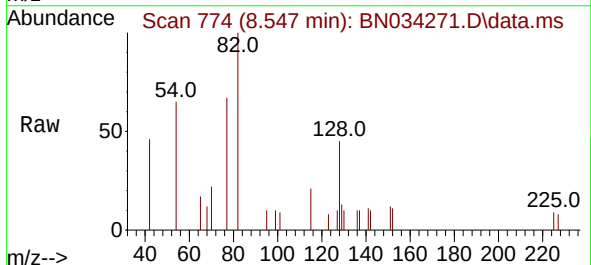
Instrument :
BNA_N
ClientSampleId :
RE135D1-20240920

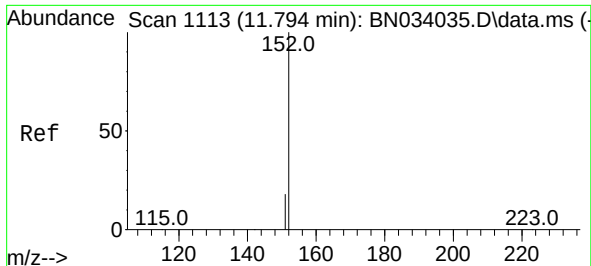
Tgt Ion:	136	Resp:	12118
Ion	Ratio	Lower	Upper
136	100		
137	12.1	9.0	13.6
54	10.3	6.8	10.2
68	7.1	5.0	7.6



#8
Nitrobenzene-d5
Concen: 0.228 ng
RT: 8.547 min Scan# 774
Delta R.T. 0.011 min
Lab File: BN034271.D
Acq: 27 Sep 2024 09:10

Tgt Ion:	82	Resp:	2112
Ion	Ratio	Lower	Upper
82	100		
128	44.7	31.4	47.2
54	65.2	47.4	71.0





#11

2-Methylnaphthalene-d10

Concen: 0.278 ng

RT: 11.757 min Scan# 1118

Delta R.T. 0.004 min

Lab File: BN034271.D

Acq: 27 Sep 2024 09:10

Instrument :

BNA_N

ClientSampleId :

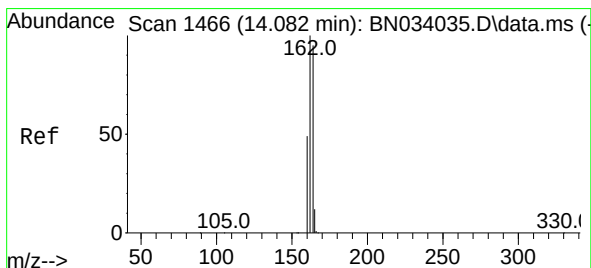
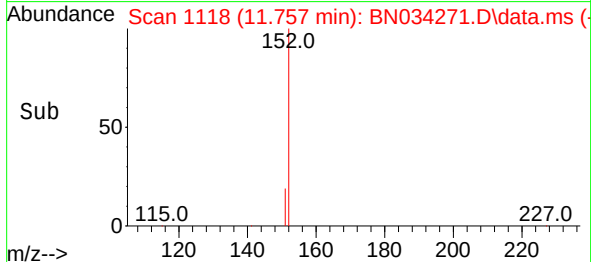
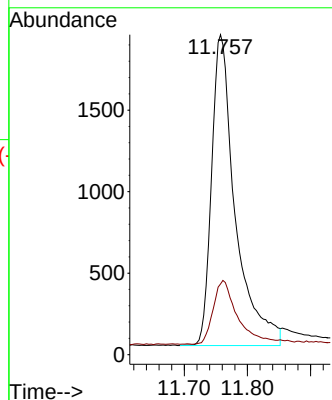
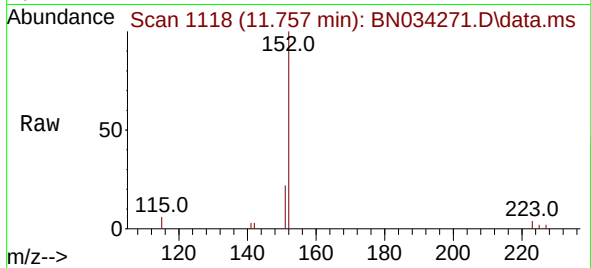
RE135D1-20240920

Tgt Ion:152 Resp: 4971

Ion Ratio Lower Upper

152 100

151 21.1 16.8 25.2



#13

Acenaphthene-d10

Concen: 0.400 ng

RT: 14.040 min Scan# 1477

Delta R.T. -0.007 min

Lab File: BN034271.D

Acq: 27 Sep 2024 09:10

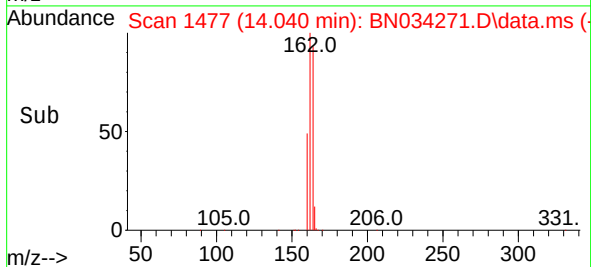
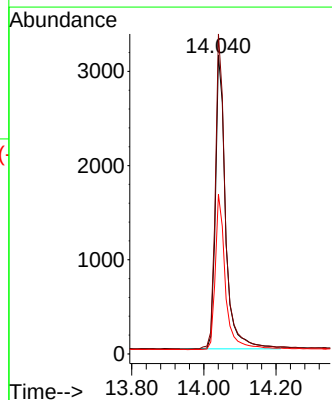
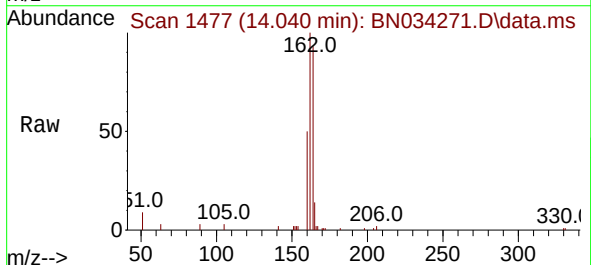
Tgt Ion:164 Resp: 6114

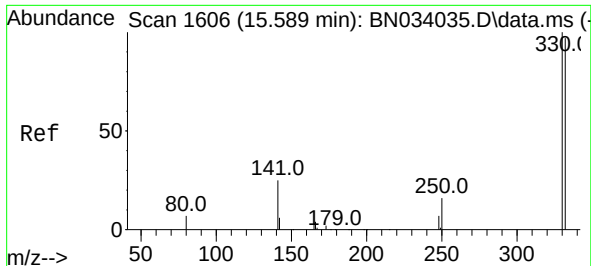
Ion Ratio Lower Upper

164 100

162 107.2 84.2 126.2

160 53.5 41.7 62.5

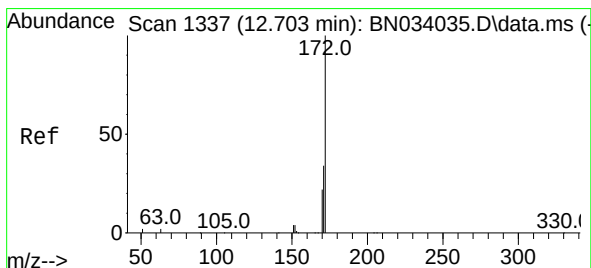
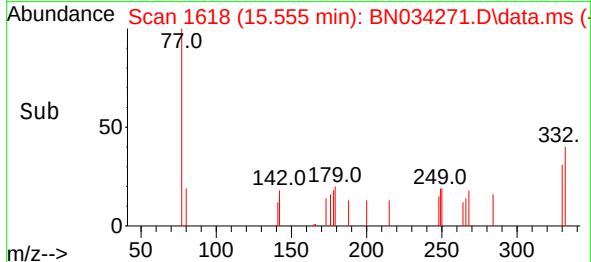
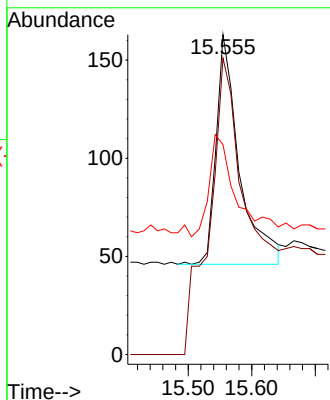
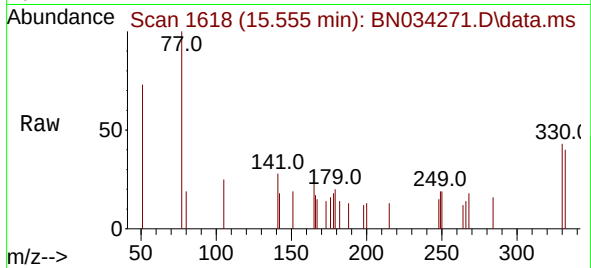




#14
2,4,6-Tribromophenol
Concen: 0.105 ng
RT: 15.555 min Scan# 1
Delta R.T. 0.006 min
Lab File: BN034271.D
Acq: 27 Sep 2024 09:10

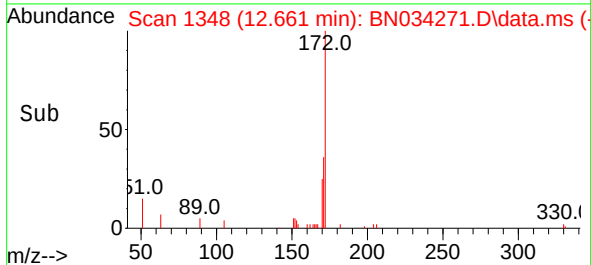
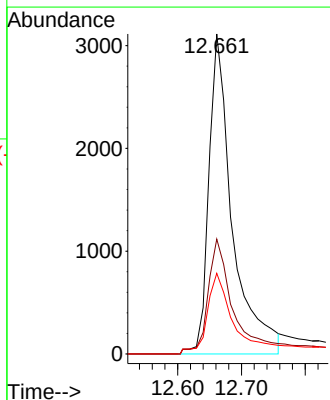
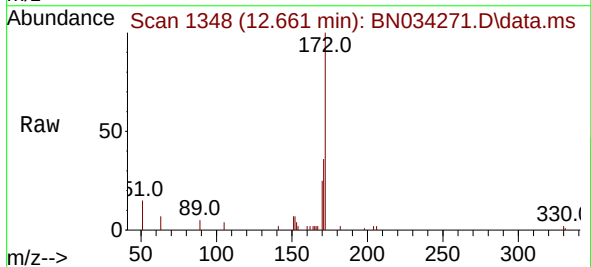
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RE135D1-20240920

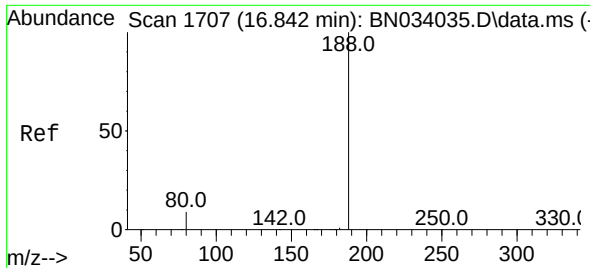
Tgt Ion:330 Resp: 292
Ion Ratio Lower Upper
330 100
332 227.1 77.4 116.0#
141 46.9 35.9 53.9



#15
2-Fluorobiphenyl
Concen: 0.295 ng
RT: 12.661 min Scan# 1348
Delta R.T. 0.004 min
Lab File: BN034271.D
Acq: 27 Sep 2024 09:10

Tgt Ion:172 Resp: 7338
Ion Ratio Lower Upper
172 100
171 35.9 27.3 40.9
170 25.2 18.1 27.1





#19

Phenanthrene-d10

Concen: 0.400 ng

RT: 16.808 min Scan# 1

Delta R.T. 0.006 min

Lab File: BN034271.D

Acq: 27 Sep 2024 09:10

Instrument :

BNA_N

ClientSampleId :

RE135D1-20240920

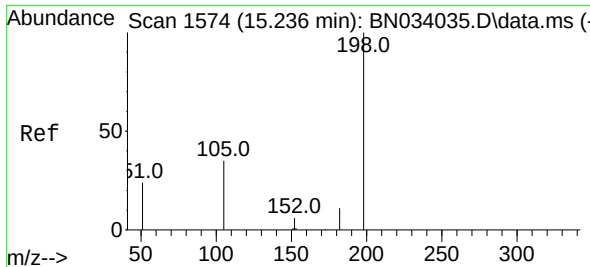
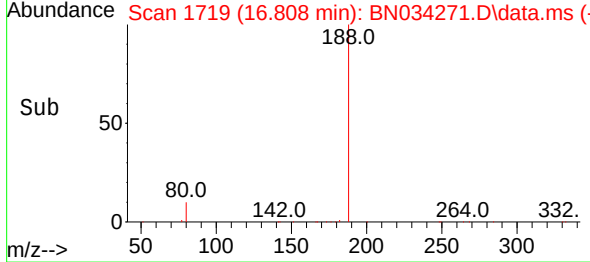
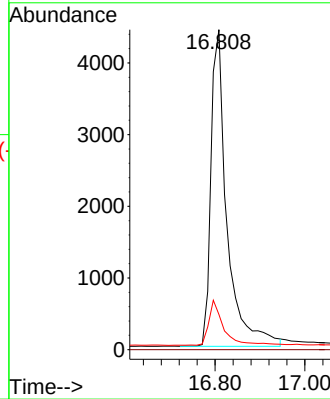
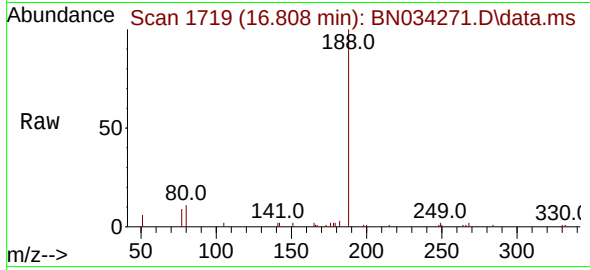
Tgt Ion:188 Resp: 10889

Ion Ratio Lower Upper

188 100

94 0.0 0.0 0.0

80 11.0 7.4 11.0



#20

4,6-Dinitro-2-methylphenol

Concen: 0.141 ng

RT: 16.312 min Scan# 1679

Delta R.T. 0.006 min

Lab File: BN034271.D

Acq: 27 Sep 2024 09:10

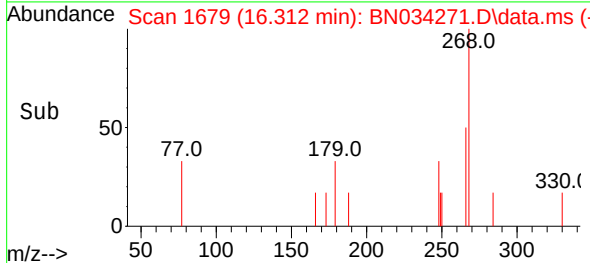
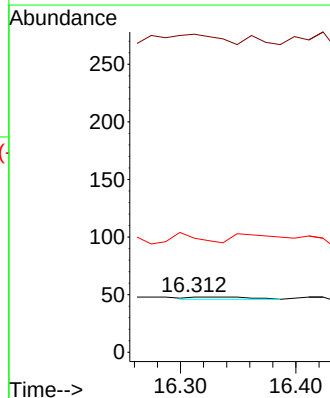
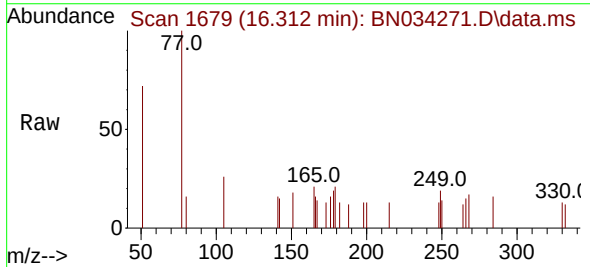
Tgt Ion:198 Resp: 7

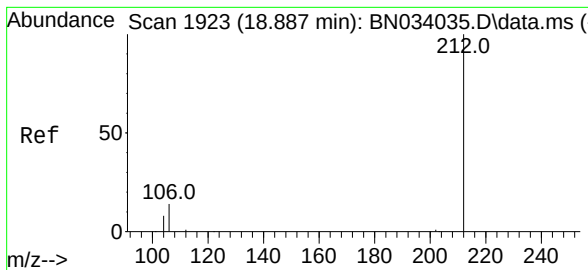
Ion Ratio Lower Upper

198 100

51 575.0 106.4 159.6#

105 206.3 38.5 57.7#

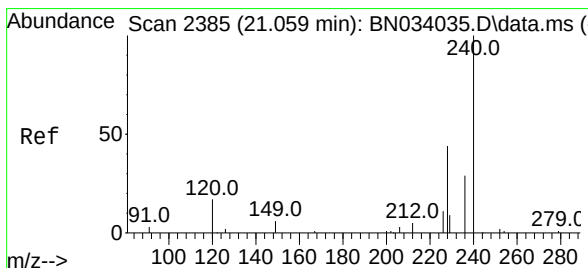
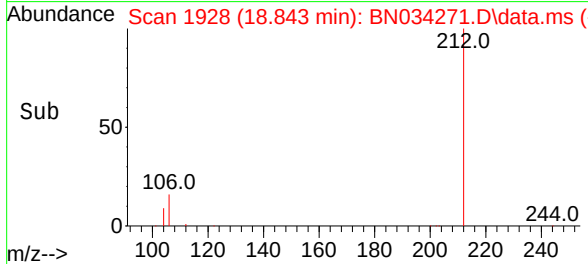
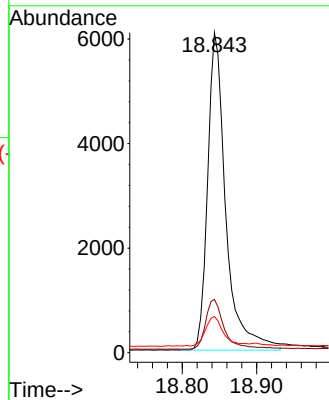
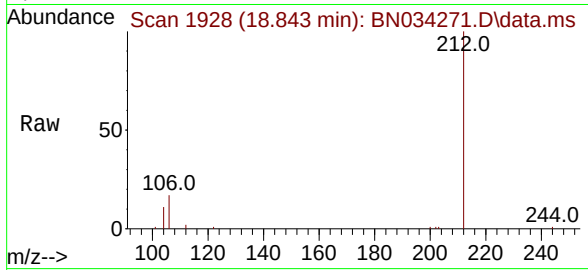




#27
Fluoranthene-d10
Concen: 0.375 ng
RT: 18.843 min Scan# 1928
Delta R.T. -0.002 min
Lab File: BN034271.D
Acq: 27 Sep 2024 09:10

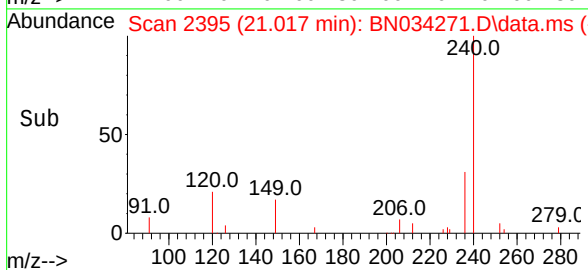
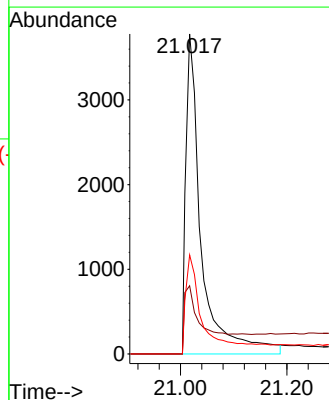
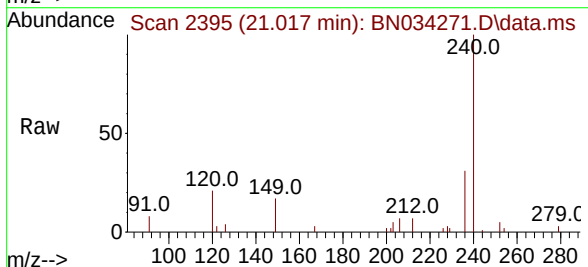
Instrument :
BNA_N
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RE135D1-20240920

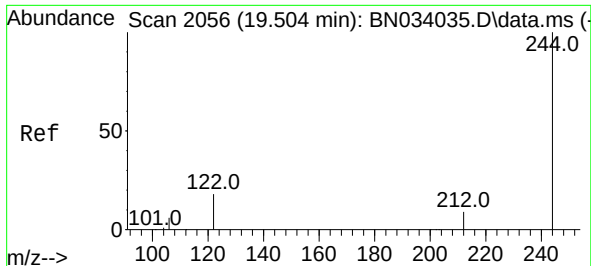
Tgt Ion:212 Resp: 10292
Ion Ratio Lower Upper
212 100
106 16.1 13.4 20.2
104 9.4 7.8 11.6



#29
Chrysene-d12
Concen: 0.400 ng
RT: 21.017 min Scan# 2395
Delta R.T. 0.003 min
Lab File: BN034271.D
Acq: 27 Sep 2024 09:10

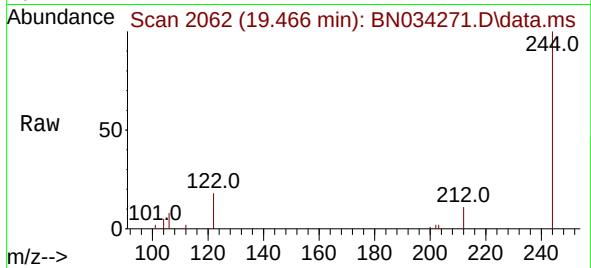
Tgt Ion:240 Resp: 7468
Ion Ratio Lower Upper
240 100
120 21.3 13.5 20.3#
236 30.9 23.4 35.0



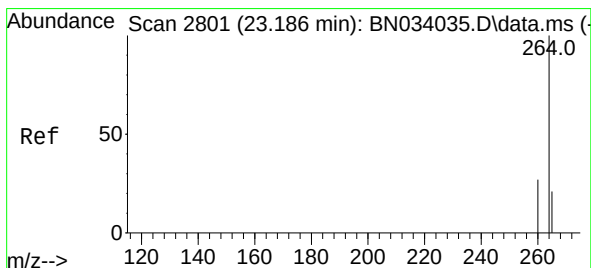
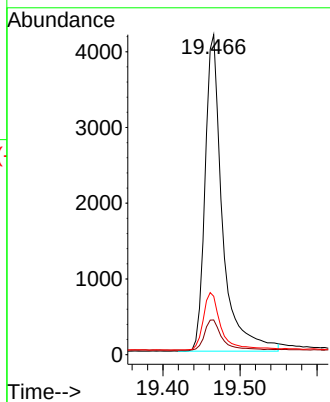
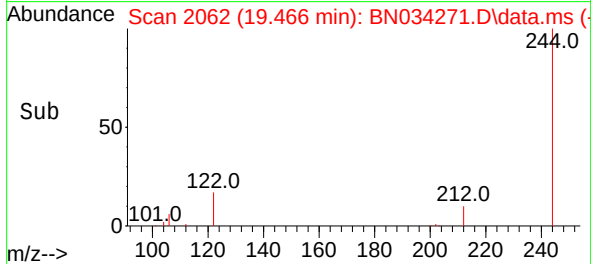


#31
Terphenyl-d14
Concen: 0.439 ng
RT: 19.466 min Scan# 2062
Delta R.T. -0.002 min
Lab File: BN034271.D
Acq: 27 Sep 2024 09:10

Instrument :
BNA_N
ClientSampleId :
RE135D1-20240920



Tgt Ion:244 Resp: 6547
Ion Ratio Lower Upper
244 100
212 10.9 7.8 11.6
122 18.2 14.8 22.2



#35
Perylene-d12
Concen: 0.400 ng
RT: 23.125 min Scan# 2796
Delta R.T. -0.004 min
Lab File: BN034271.D
Acq: 27 Sep 2024 09:10

Tgt Ion:264 Resp: 7178
Ion Ratio Lower Upper
264 100
260 27.3 21.7 32.5
265 100.2 52.1 78.1#

