

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN101124\
 Data File : BN034556.D
 Acq On : 11 Oct 2024 15:47
 Operator : RC/JU
 Sample : P4241-02DL 2X
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 BP-TT189D2-GW-20240926DL

Quant Time: Oct 11 16:30:42 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN091924.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Oct 11 00:21:08 2024
 Response via : Initial Calibration

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

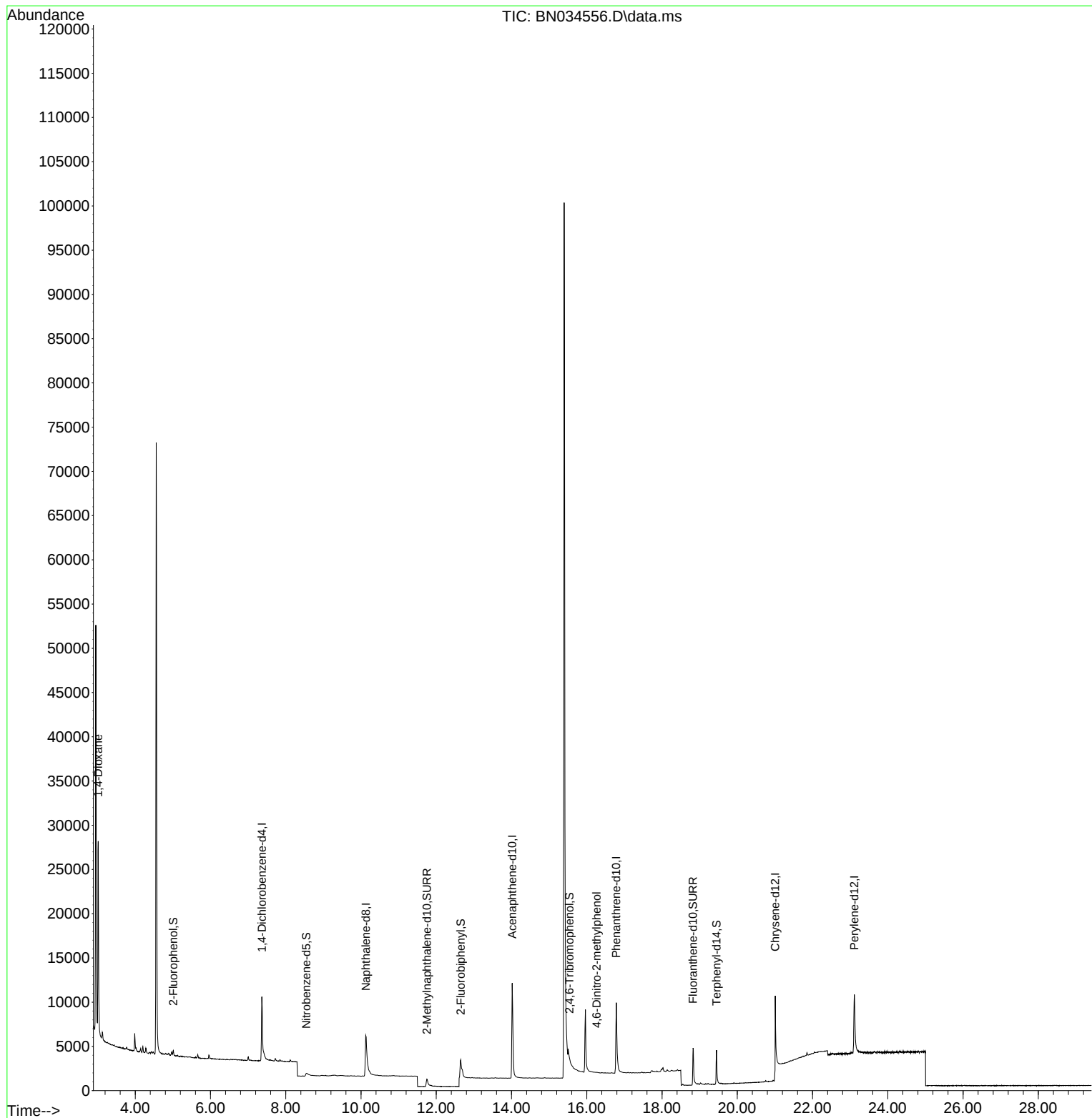
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.365	152	4488	0.400	ng	0.00
7) Naphthalene-d8	10.127	136	12860	0.400	ng	0.00
13) Acenaphthene-d10	14.019	164	8346	0.400	ng	0.00
19) Phenanthrene-d10	16.783	188	16182	0.400	ng	0.00
29) Chrysene-d12	21.008	240	8051	0.400	ng	# 0.00
35) Perylene-d12	23.110	264	11279	0.400	ng	# 0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.011	112	489	0.038	ng	0.00
5) Phenol-d6	6.535	99	2	0.000	ng	-0.04
8) Nitrobenzene-d5	8.546	82	673	0.068	ng	0.03
11) 2-Methylnaphthalene-d10	11.750	152	2197	0.116	ng	0.02
14) 2,4,6-Tribromophenol	15.542	330	332	0.088	ng	0.00
15) 2-Fluorobiphenyl	12.650	172	4003	0.118	ng	0.01
27) Fluoranthene-d10	18.825	212	6215	0.152	ng	0.00
31) Terphenyl-d14	19.447	244	4632	0.288	ng	0.00
Target Compounds						
2) 1,4-Dioxane	3.018	88	13409	2.390	ng	99
20) 4,6-Dinitro-2-methylph...	16.262	198	6	0.140	ng	# 1

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

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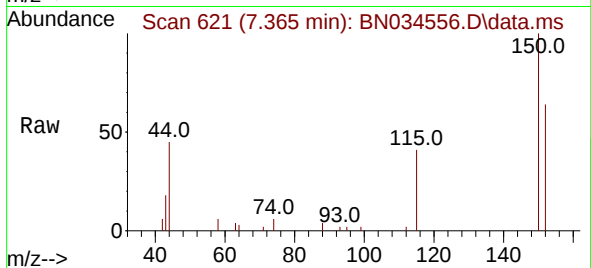
Quant Time: Oct 11 16:30:42 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN091924.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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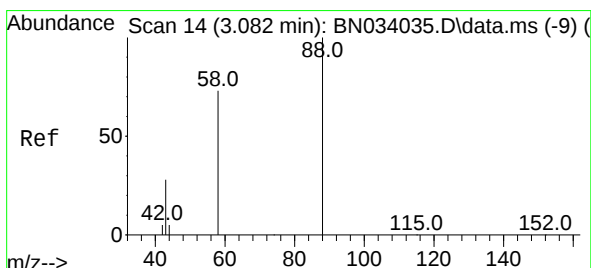
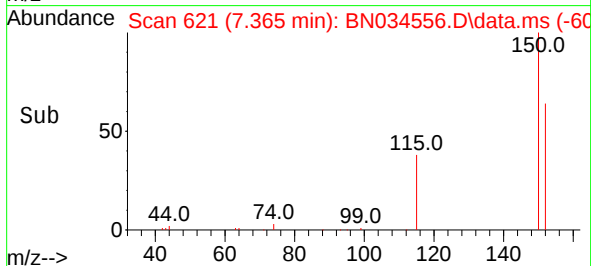
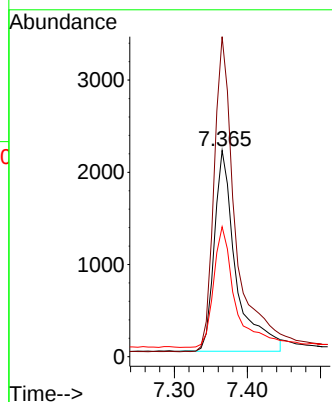


#1
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.365 min Scan# 61
Delta R.T. -0.008 min
Lab File: BN034556.D
Acq: 11 Oct 2024 15:47

Instrument :
BNA_N
ClientSampleId :
BP-TT189D2-GW-20240926DL

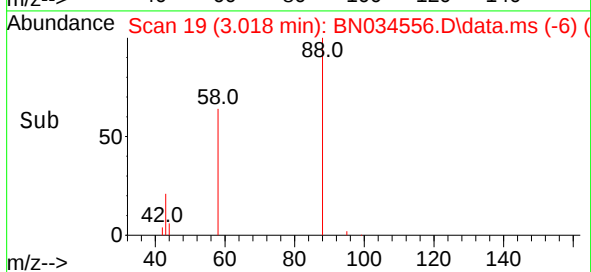
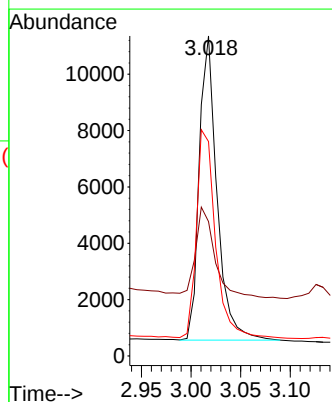
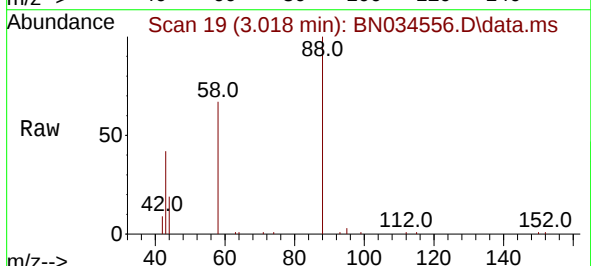


Tgt Ion:152 Resp: 4488
Ion Ratio Lower Upper
152 100
150 155.2 124.6 187.0
115 63.0 50.0 75.0



#2
1,4-Dioxane
Concen: 2.390 ng
RT: 3.018 min Scan# 19
Delta R.T. -0.007 min
Lab File: BN034556.D
Acq: 11 Oct 2024 15:47

Tgt Ion: 88 Resp: 13409
Ion Ratio Lower Upper
88 100
43 32.9 25.8 38.8
58 73.1 58.8 88.2

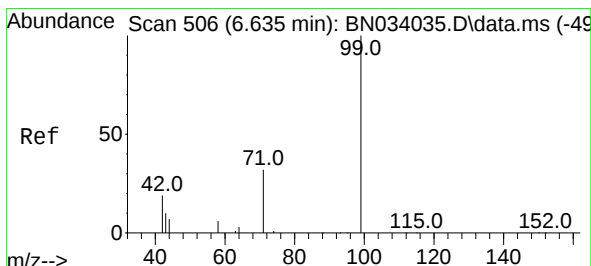
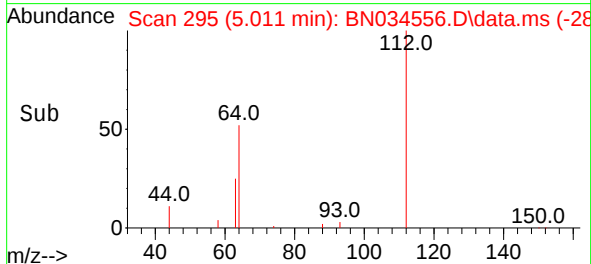
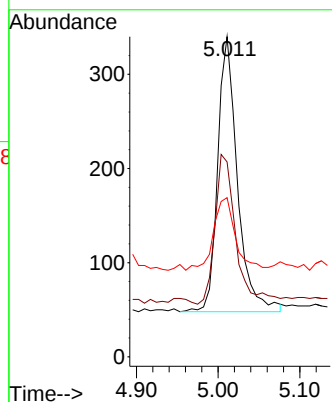
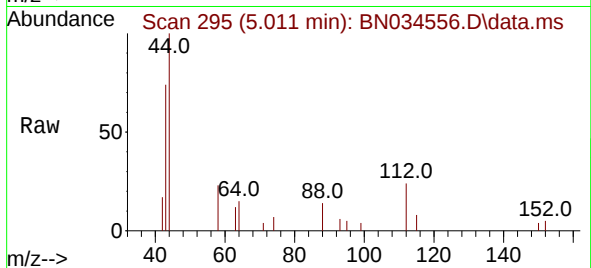




#4
2-Fluorophenol
Concen: 0.038 ng
RT: 5.011 min Scan# 290
Delta R.T. -0.000 min
Lab File: BN034556.D
Acq: 11 Oct 2024 15:47

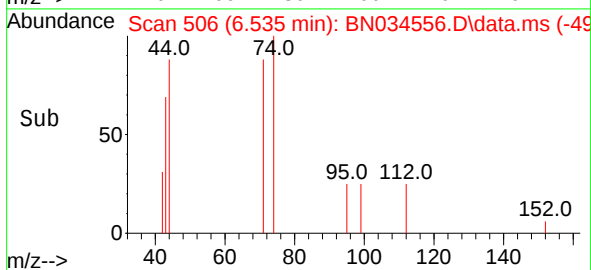
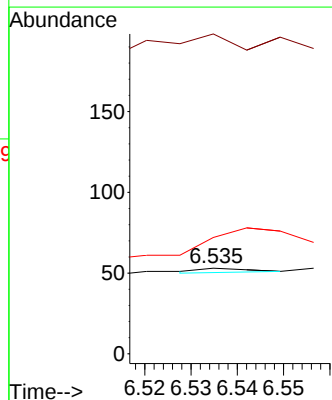
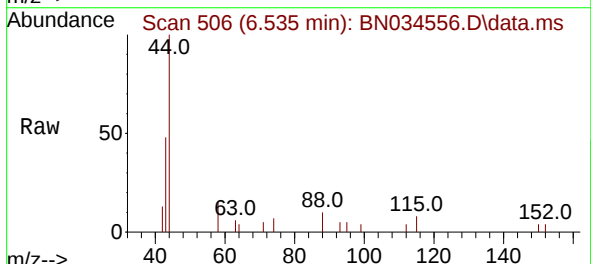
Instrument :
BNA_N
ClientSampleId :
BP-TT189D2-GW-20240926DL

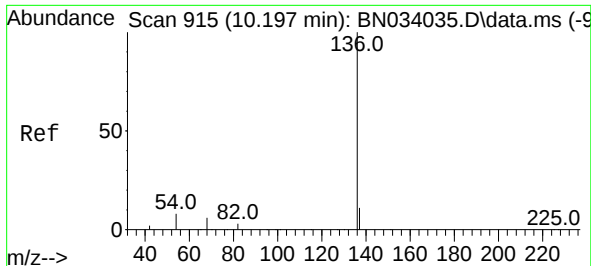
Tgt Ion:112 Resp: 489
Ion Ratio Lower Upper
112 100
64 57.7 48.6 72.8
63 29.2 25.6 38.4



#5
Phenol-d6
Concen: 0.000 ng
RT: 6.535 min Scan# 506
Delta R.T. -0.036 min
Lab File: BN034556.D
Acq: 11 Oct 2024 15:47

Tgt Ion: 99 Resp: 2
Ion Ratio Lower Upper
99 100
42 200.0 17.8 26.8#
71 1600.0 26.2 39.2#

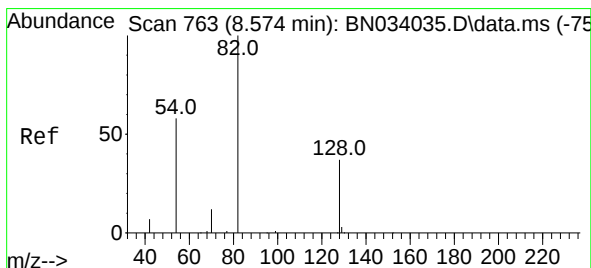
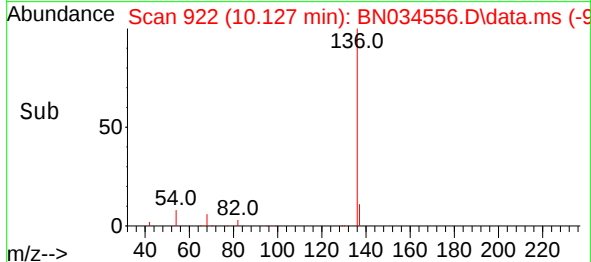
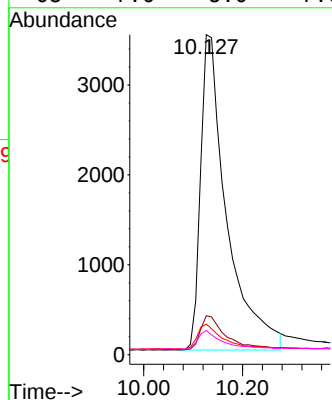
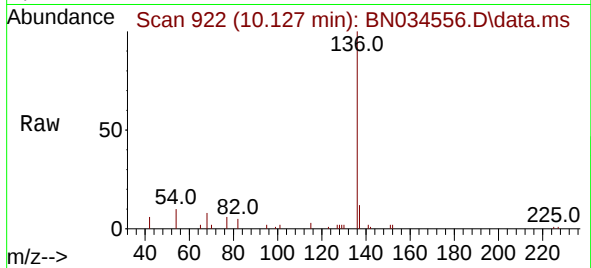




#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.127 min Scan# 915
Delta R.T. -0.000 min
Lab File: BN034556.D
Acq: 11 Oct 2024 15:47

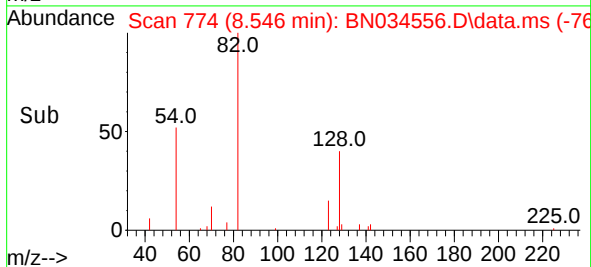
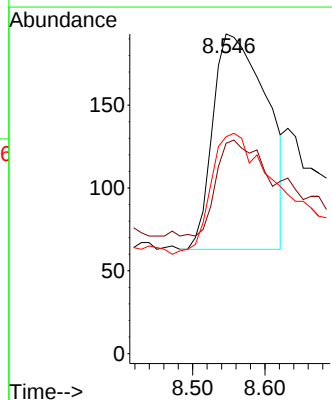
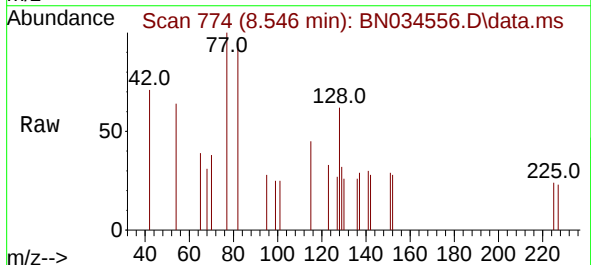
Instrument :
BNA_N
ClientSampleId :
BP-TT189D2-GW-20240926DL

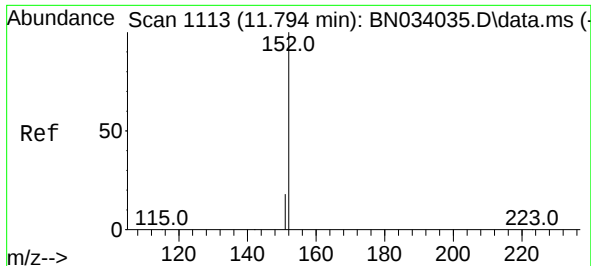
Tgt Ion:	136	Resp:	12860
Ion Ratio	Lower	Upper	
136	100		
137	12.2	9.0	13.6
54	9.6	6.8	10.2
68	7.6	5.0	7.6



#8
Nitrobenzene-d5
Concen: 0.068 ng
RT: 8.546 min Scan# 774
Delta R.T. 0.032 min
Lab File: BN034556.D
Acq: 11 Oct 2024 15:47

Tgt Ion:	82	Resp:	673
Ion Ratio	Lower	Upper	
82	100		
128	65.8	31.4	47.2#
54	67.9	47.4	71.0

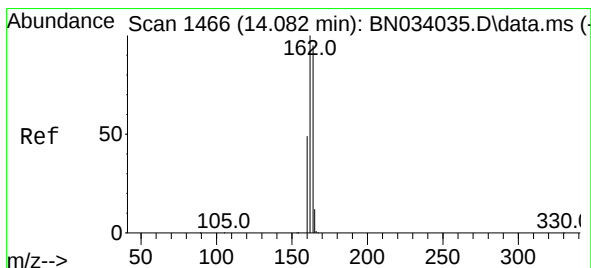
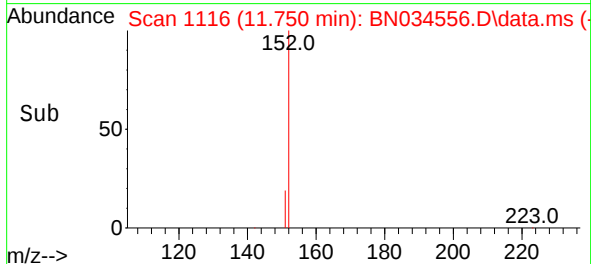
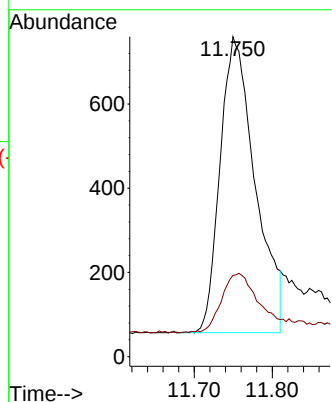
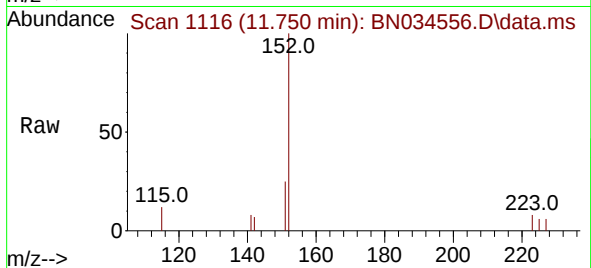




#11
2-Methylnaphthalene-d10
Concen: 0.116 ng
RT: 11.750 min Scan# 1116
Delta R.T. 0.023 min
Lab File: BN034556.D
Acq: 11 Oct 2024 15:47

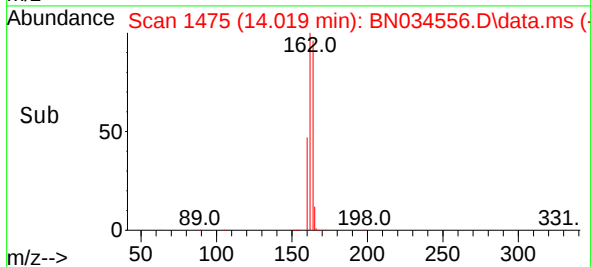
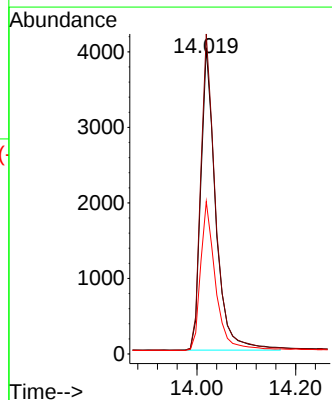
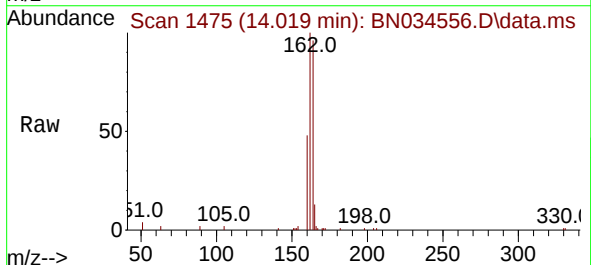
Instrument :
BNA_N
ClientSampleId :
BP-TT189D2-GW-20240926DL

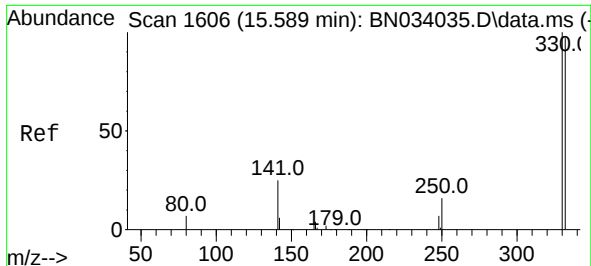
Tgt Ion:152 Resp: 2197
Ion Ratio Lower Upper
152 100
151 21.1 16.8 25.2



#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.019 min Scan# 1475
Delta R.T. 0.004 min
Lab File: BN034556.D
Acq: 11 Oct 2024 15:47

Tgt Ion:164 Resp: 8346
Ion Ratio Lower Upper
164 100
162 104.5 84.2 126.2
160 49.8 41.7 62.5

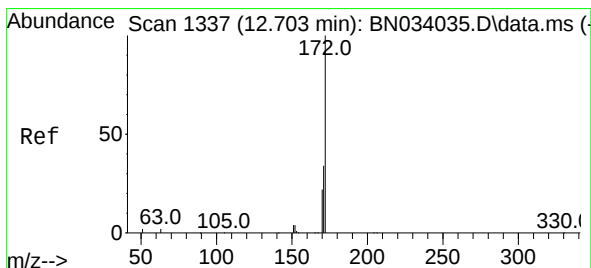
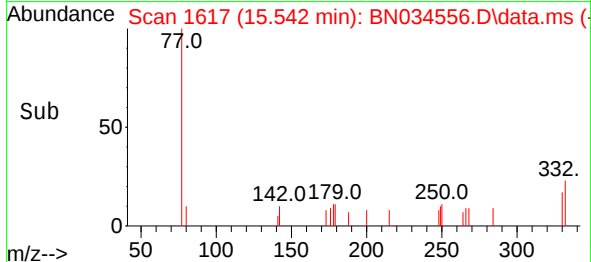
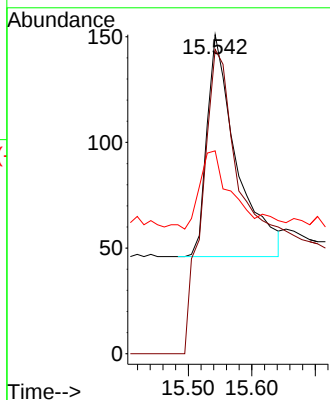
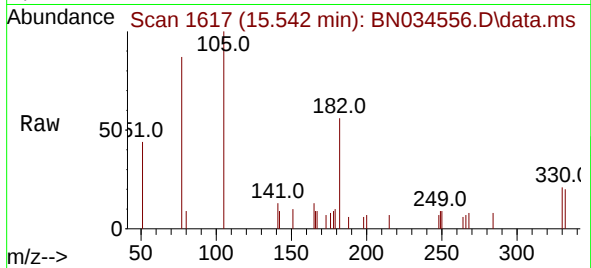




#14
2,4,6-Tribromophenol
Concen: 0.088 ng
RT: 15.542 min Scan# 1617
Delta R.T. 0.005 min
Lab File: BN034556.D
Acq: 11 Oct 2024 15:47

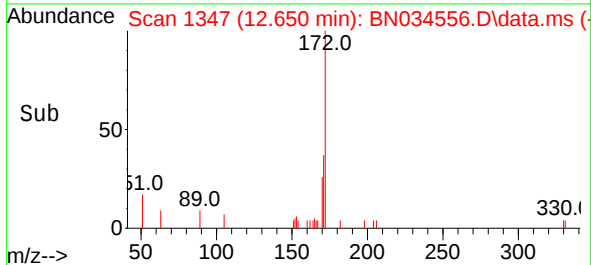
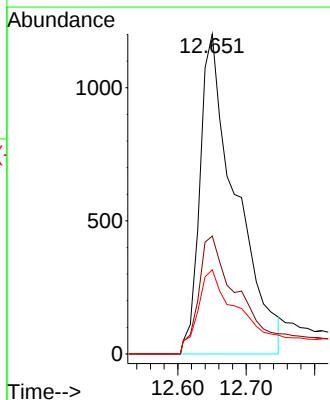
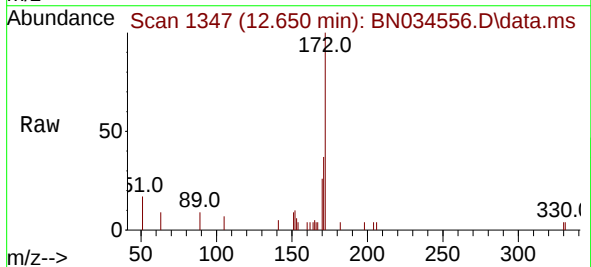
Instrument :
BNA_N
ClientSampleId :
BP-TT189D2-GW-20240926DL

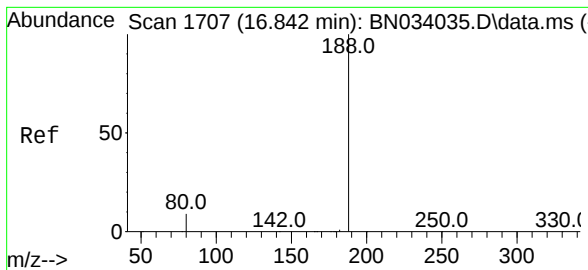
Tgt Ion:330 Resp: 332
Ion Ratio Lower Upper
330 100
332 216.3 77.4 116.0#
141 33.7 35.9 53.9#



#15
2-Fluorobiphenyl
Concen: 0.118 ng
RT: 12.650 min Scan# 1347
Delta R.T. 0.014 min
Lab File: BN034556.D
Acq: 11 Oct 2024 15:47

Tgt Ion:172 Resp: 4003
Ion Ratio Lower Upper
172 100
171 36.9 27.3 40.9
170 26.3 18.1 27.1





#19

Phenanthrene-d10

Concen: 0.400 ng

RT: 16.783 min Scan# 1

Delta R.T. 0.005 min

Lab File: BN034556.D

Acq: 11 Oct 2024 15:47

Instrument :

BNA_N

ClientSampleId :

BP-TT189D2-GW-20240926DL

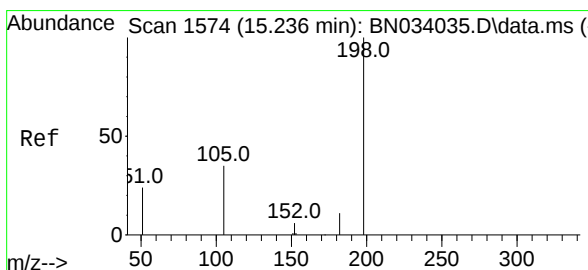
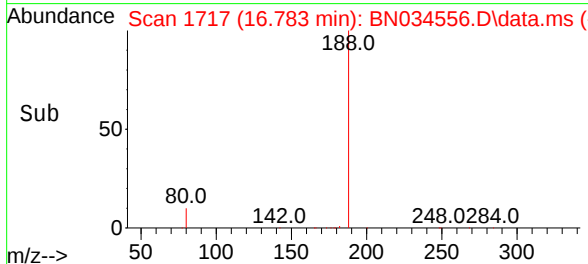
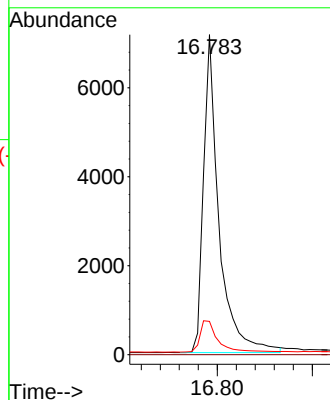
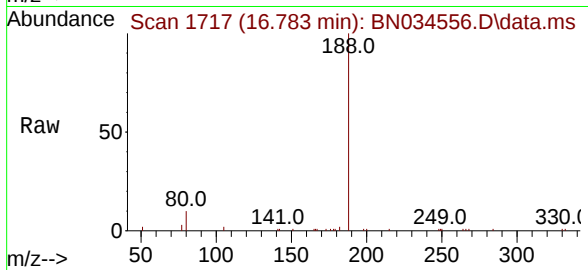
Tgt Ion:188 Resp: 16182

Ion Ratio Lower Upper

188 100

94 0.0 0.0 0.0

80 10.4 7.4 11.0



#20

4,6-Dinitro-2-methylphenol

Concen: 0.140 ng

RT: 16.262 min Scan# 1675

Delta R.T. -0.019 min

Lab File: BN034556.D

Acq: 11 Oct 2024 15:47

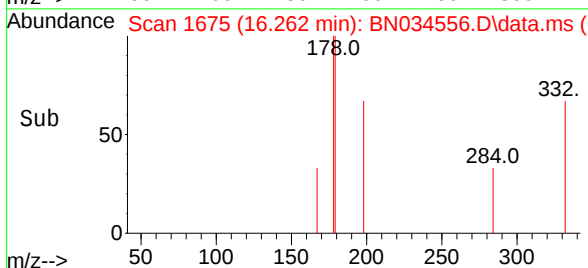
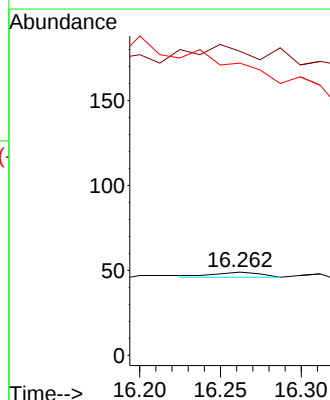
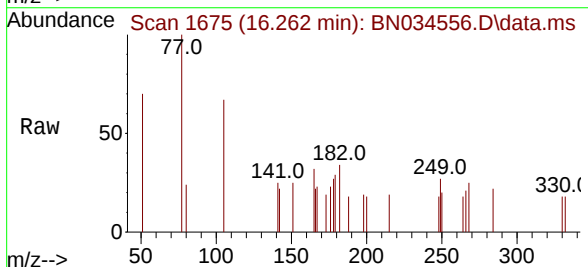
Tgt Ion:198 Resp: 6

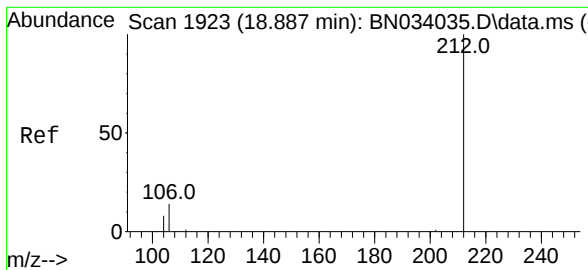
Ion Ratio Lower Upper

198 100

51 365.3 106.4 159.6#

105 351.0 38.5 57.7#





#27

Fluoranthene-d10

Concen: 0.152 ng

RT: 18.825 min Scan# 1924

Delta R.T. -0.002 min

Lab File: BN034556.D

Acq: 11 Oct 2024 15:47

Instrument :

BNA_N

ClientSampleId :

BP-TT189D2-GW-20240926DL

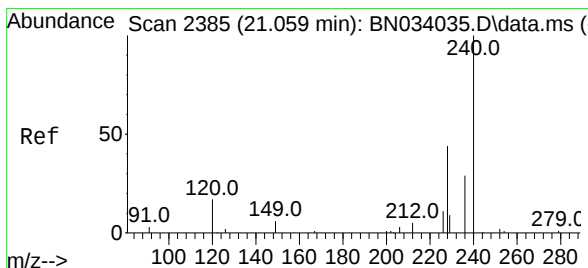
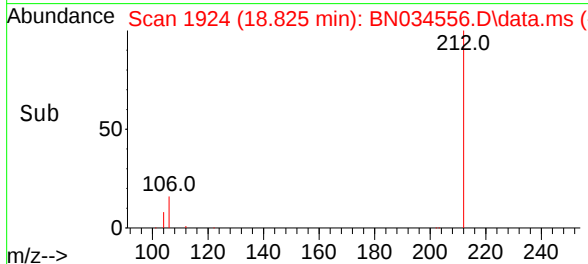
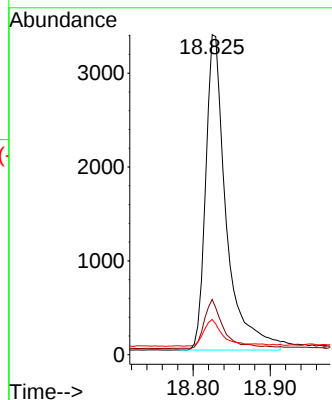
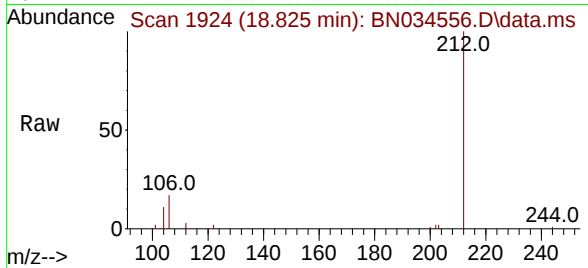
Tgt Ion:212 Resp: 6215

Ion Ratio Lower Upper

212 100

106 14.4 13.4 20.2

104 7.9 7.8 11.6



#29

Chrysene-d12

Concen: 0.400 ng

RT: 21.008 min Scan# 2394

Delta R.T. 0.002 min

Lab File: BN034556.D

Acq: 11 Oct 2024 15:47

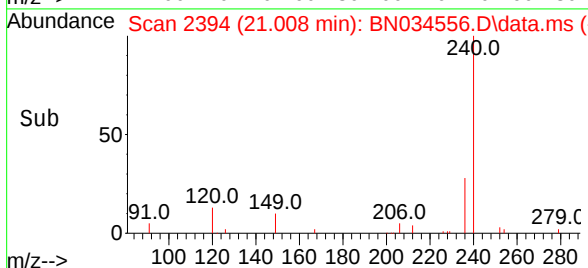
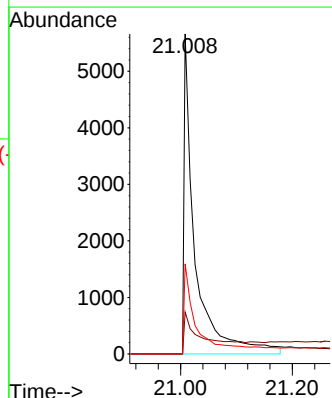
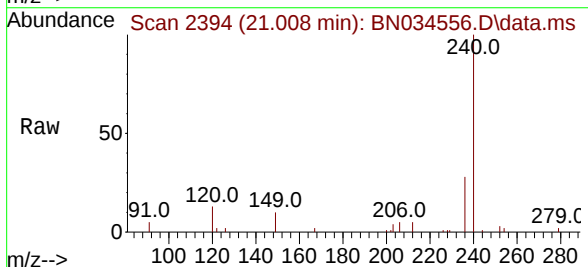
Tgt Ion:240 Resp: 8051

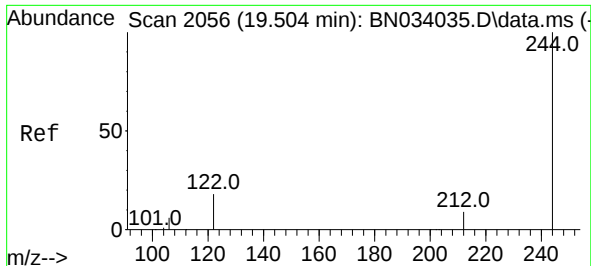
Ion Ratio Lower Upper

240 100

120 13.1 13.5 20.3#

236 28.2 23.4 35.0

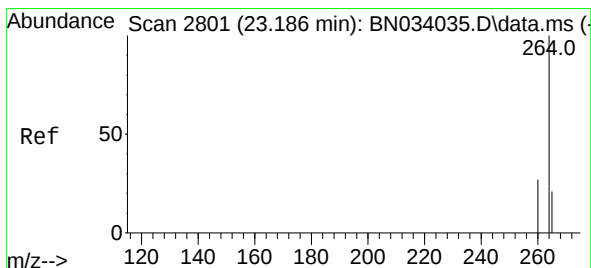
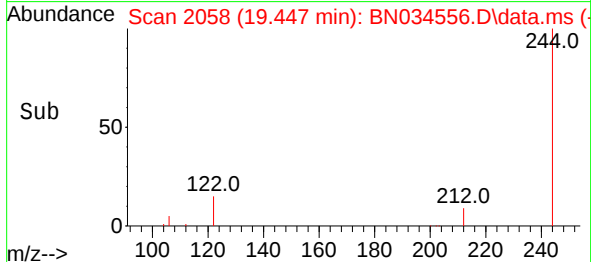
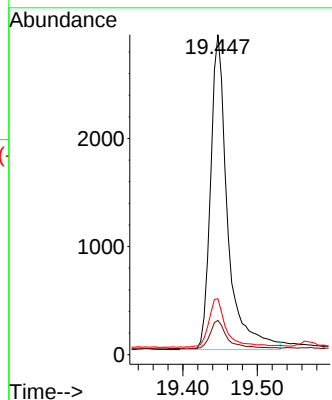
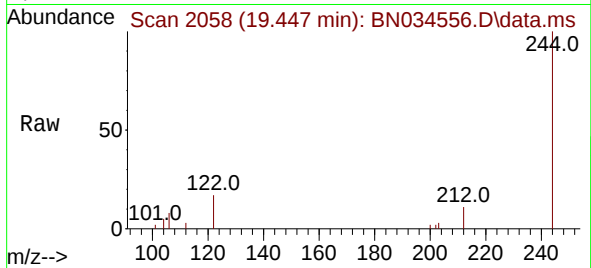




#31
Terphenyl-d14
Concen: 0.288 ng
RT: 19.447 min Scan# 2058
Delta R.T. -0.002 min
Lab File: BN034556.D
Acq: 11 Oct 2024 15:47

Instrument :
BNA_N
ClientSampleId :
BP-TT189D2-GW-20240926DL

Tgt Ion:244 Resp: 4632
Ion Ratio Lower Upper
244 100
212 10.7 7.8 11.6
122 17.5 14.8 22.2



#35
Perylene-d12
Concen: 0.400 ng
RT: 23.110 min Scan# 2791
Delta R.T. -0.004 min
Lab File: BN034556.D
Acq: 11 Oct 2024 15:47

Tgt Ion:264 Resp: 11279
Ion Ratio Lower Upper
264 100
260 26.3 21.7 32.5
265 78.9 52.1 78.1#

