

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN121924\
 Data File : BN035745.D
 Acq On : 20 Dec 2024 17:06
 Operator : RC/JU
 Sample : P5317-03
 Misc :
 ALS Vial : 36 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 TT191D1-20241216

Quant Time: Dec 20 17:40:33 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN112724.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Dec 19 23:06:19 2024
 Response via : Initial Calibration

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

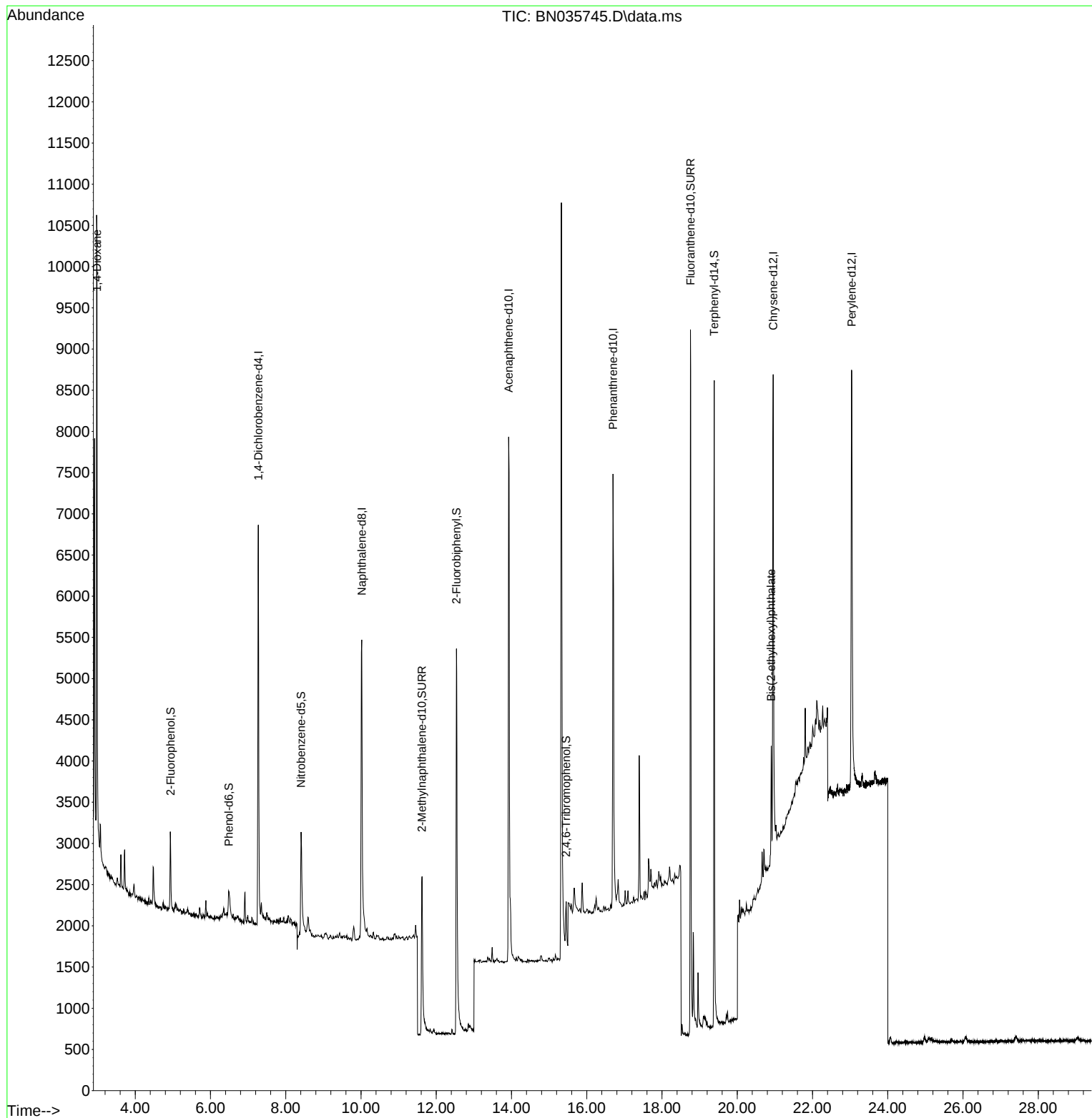
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.272	152	2571	0.400	ng	0.00
7) Naphthalene-d8	10.020	136	6829	0.400	ng	# 0.00
13) Acenaphthene-d10	13.925	164	4492	0.400	ng	-0.01
19) Phenanthrene-d10	16.698	188	8910	0.400	ng	# 0.00
29) Chrysene-d12	20.956	240	7476	0.400	ng	0.00
35) Perylene-d12	23.041	264	7630	0.400	ng	# 0.00
System Monitoring Compounds						
4) 2-Fluorophenol	4.939	112	852	0.132	ng	0.00
5) Phenol-d6	6.485	99	491	0.063	ng	0.00
8) Nitrobenzene-d5	8.408	82	2078	0.498	ng	0.00
11) 2-Methylnaphthalene-d10	11.621	152	4121	0.386	ng	0.00
14) 2,4,6-Tribromophenol	15.453	330	625	0.196	ng	0.00
15) 2-Fluorobiphenyl	12.539	172	5967	0.351	ng	0.00
27) Fluoranthene-d10	18.757	212	11294	0.447	ng	0.00
31) Terphenyl-d14	19.389	244	8952	0.607	ng	0.00
Target Compounds						
2) 1,4-Dioxane	2.982	88	5410	2.201	ng	99
34) Bis(2-ethylhexyl)phtha...	20.902	149	1560	0.151	ng	# 98

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

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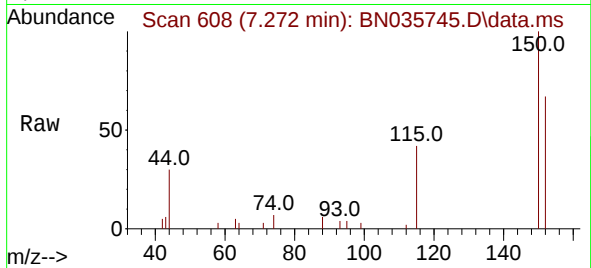
Quant Time: Dec 20 17:40:33 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN112724.M
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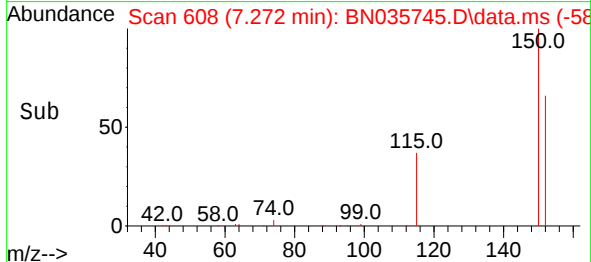
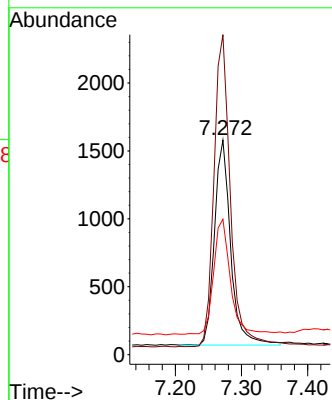


#1
 1,4-Dichlorobenzene-d4
 Concen: 0.400 ng
 RT: 7.272 min Scan# 60
 Delta R.T. -0.000 min
 Lab File: BN035745.D
 Acq: 20 Dec 2024 17:06

Instrument :
 BNA_N
 ClientSampleId :
 TT191D1-20241216

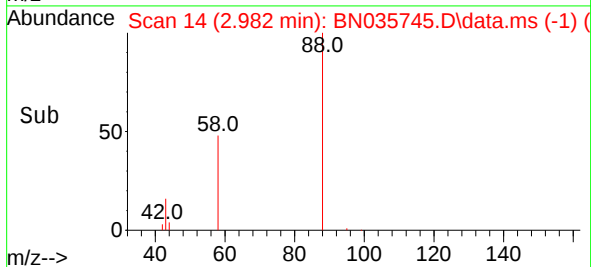
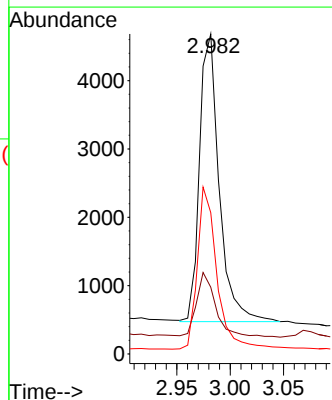
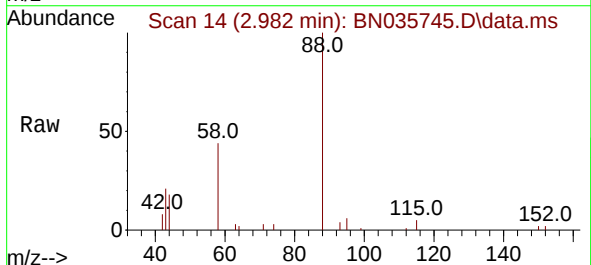


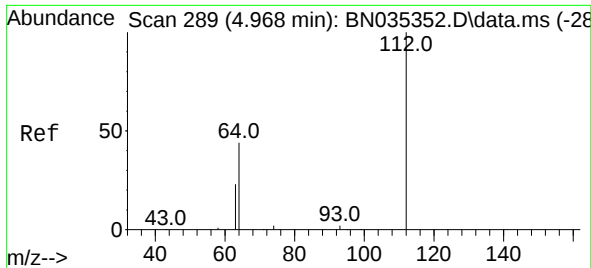
Tgt Ion:152 Resp: 2571
 Ion Ratio Lower Upper
 152 100
 150 149.1 124.0 186.0
 115 63.1 49.6 74.4



#2
 1,4-Dioxane
 Concen: 2.201 ng
 RT: 2.982 min Scan# 14
 Delta R.T. 0.000 min
 Lab File: BN035745.D
 Acq: 20 Dec 2024 17:06

Tgt Ion: 88 Resp: 5410
 Ion Ratio Lower Upper
 88 100
 43 22.1 17.2 25.8
 58 56.2 44.5 66.7

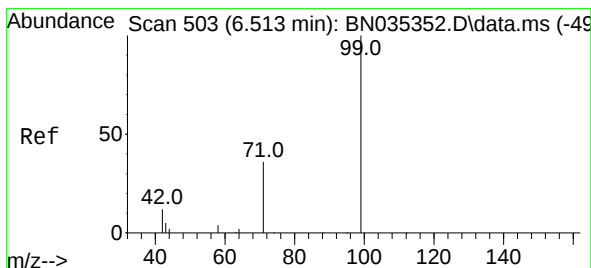
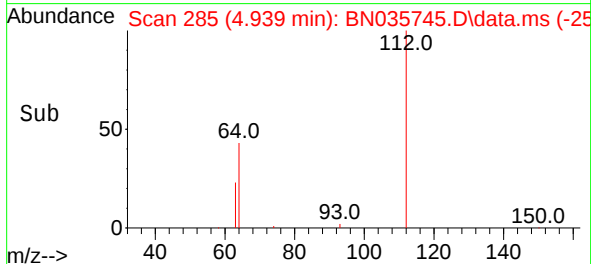
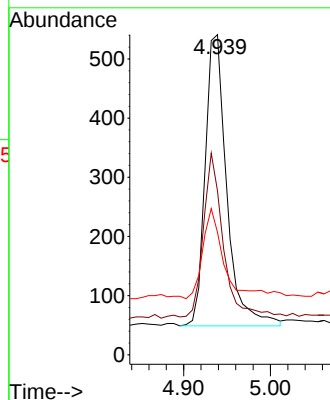
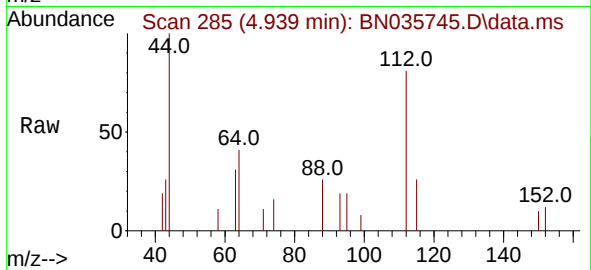




#4
2-Fluorophenol
Concen: 0.132 ng
RT: 4.939 min Scan# 21
Delta R.T. 0.000 min
Lab File: BN035745.D
Acq: 20 Dec 2024 17:06

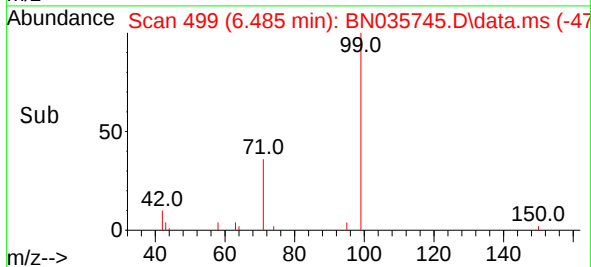
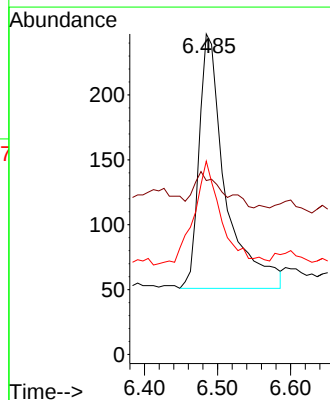
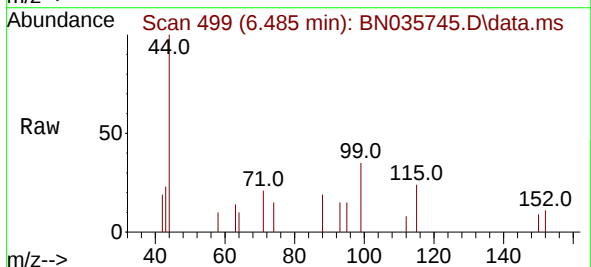
Instrument :
BNA_N
ClientSampleId :
TT191D1-20241216

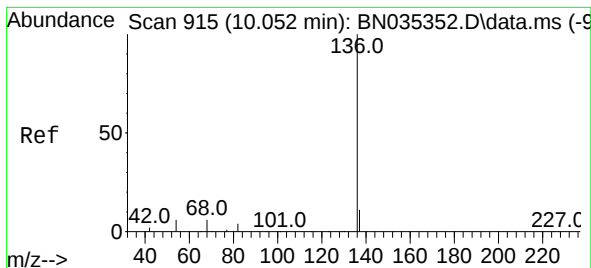
Tgt Ion:112 Resp: 852
Ion Ratio Lower Upper
112 100
64 53.3 39.8 59.8
63 32.0 21.0 31.6#



#5
Phenol-d6
Concen: 0.063 ng
RT: 6.485 min Scan# 499
Delta R.T. -0.007 min
Lab File: BN035745.D
Acq: 20 Dec 2024 17:06

Tgt Ion: 99 Resp: 491
Ion Ratio Lower Upper
99 100
42 14.7 11.4 17.2
71 40.9 29.3 43.9





#7

Naphthalene-d8

Concen: 0.400 ng

RT: 10.020 min Scan# 91

Delta R.T. 0.000 min

Lab File: BN035745.D

Acq: 20 Dec 2024 17:06

Instrument :

BNA_N

ClientSampleId :

TT191D1-20241216

Tgt Ion:136 Resp: 6829

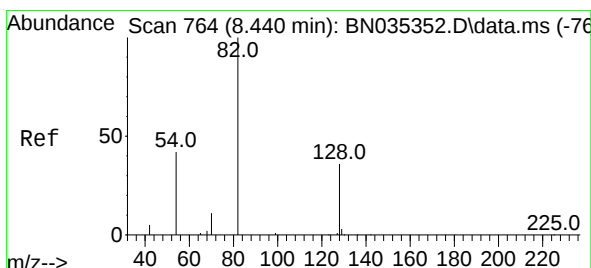
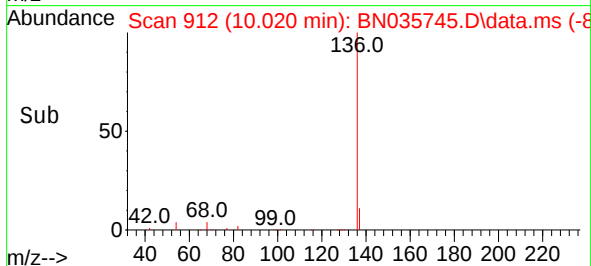
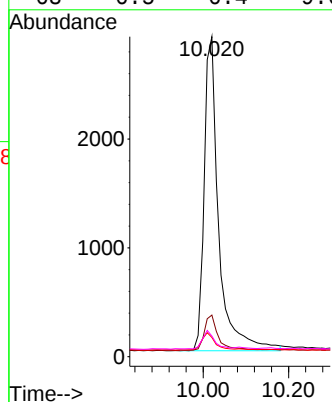
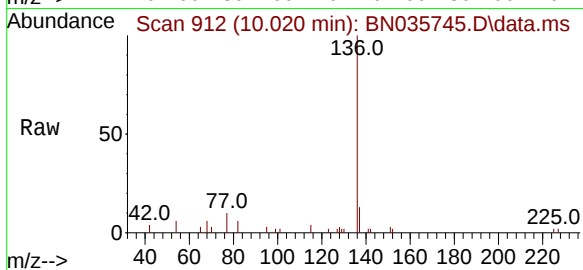
Ion Ratio Lower Upper

136 100

137 13.0 10.2 15.2

54 6.0 6.1 9.1#

68 6.5 6.4 9.6



#8

Nitrobenzene-d5

Concen: 0.498 ng

RT: 8.408 min Scan# 761

Delta R.T. 0.000 min

Lab File: BN035745.D

Acq: 20 Dec 2024 17:06

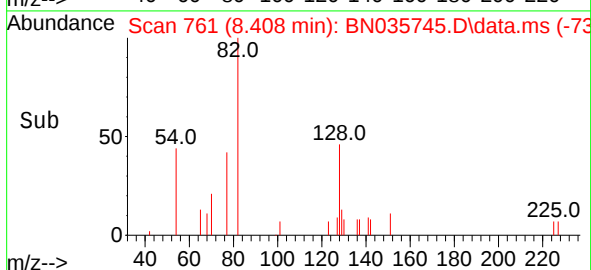
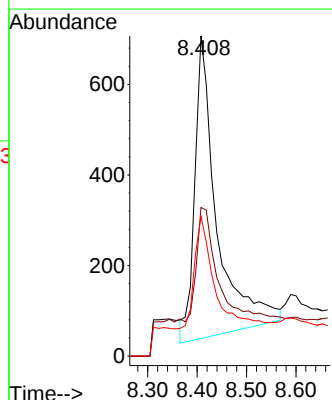
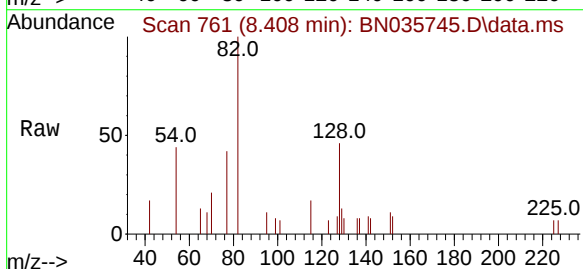
Tgt Ion: 82 Resp: 2078

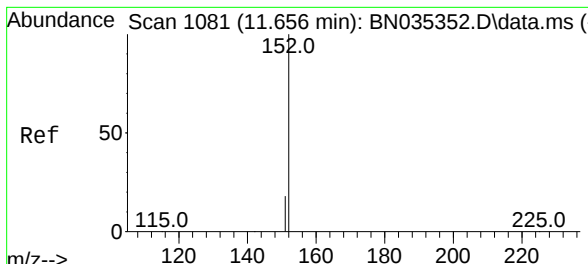
Ion Ratio Lower Upper

82 100

128 46.4 33.4 50.0

54 43.6 36.7 55.1



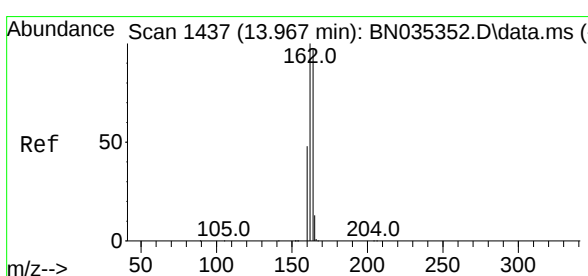
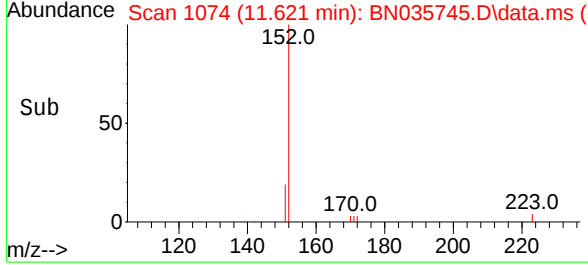
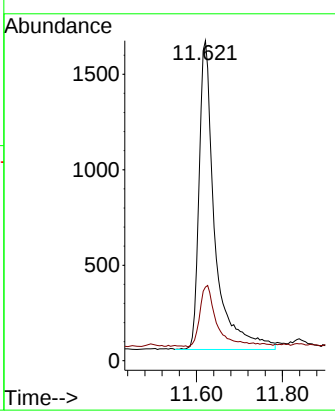
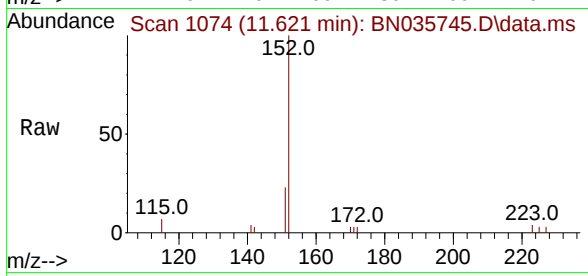


#11
 2-Methylnaphthalene-d10
 Concen: 0.386 ng
 RT: 11.621 min Scan# 1074
 Delta R.T. 0.000 min
 Lab File: BN035745.D
 Acq: 20 Dec 2024 17:06

Instrument :
 BNA_N
 ClientSampleId :
 TT191D1-20241216

Tgt Ion:152 Resp: 4121

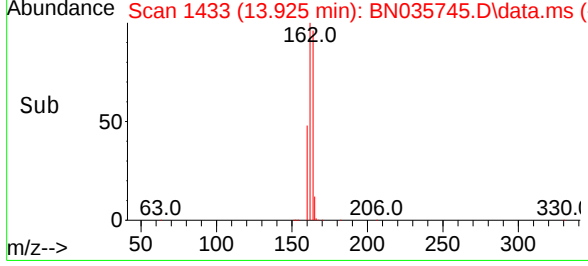
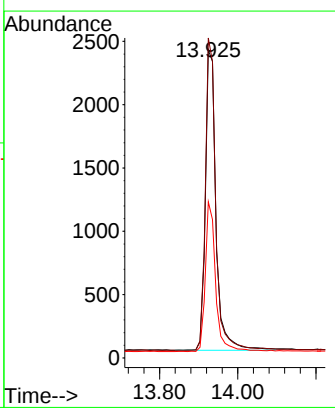
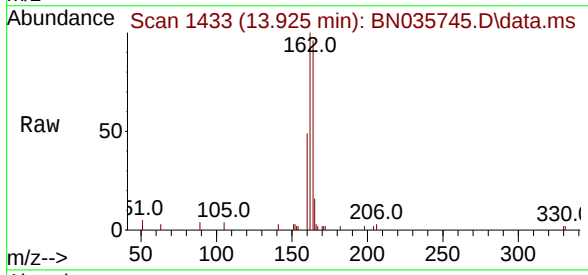
Ion	Ratio	Lower	Upper
152	100		
151	21.8	16.6	25.0

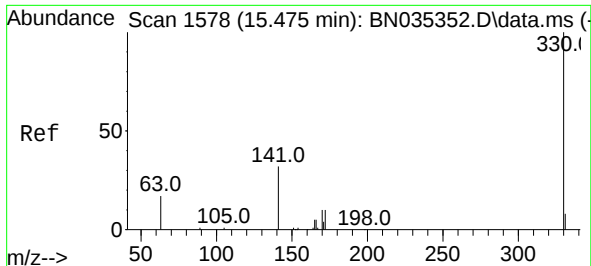


#13
 Acenaphthene-d10
 Concen: 0.400 ng
 RT: 13.925 min Scan# 1433
 Delta R.T. -0.011 min
 Lab File: BN035745.D
 Acq: 20 Dec 2024 17:06

Tgt Ion:164 Resp: 4492

Ion	Ratio	Lower	Upper
164	100		
162	103.9	82.2	123.2
160	50.7	40.1	60.1





#14

2,4,6-Tribromophenol

Concen: 0.196 ng

RT: 15.453 min Scan# 11

Delta R.T. 0.000 min

Lab File: BN035745.D

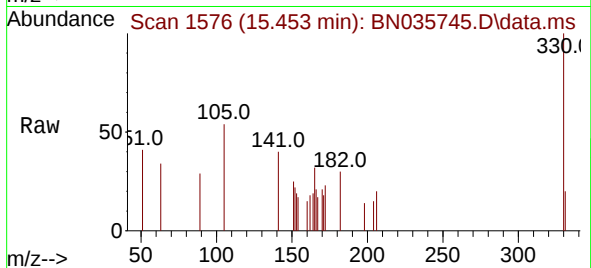
Acq: 20 Dec 2024 17:06

Instrument :

BNA_N

ClientSampleId :

TT191D1-20241216



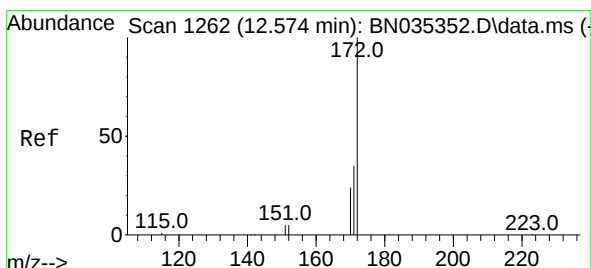
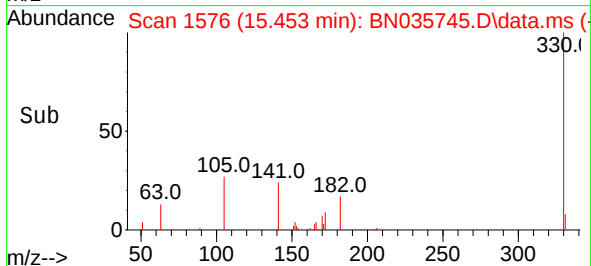
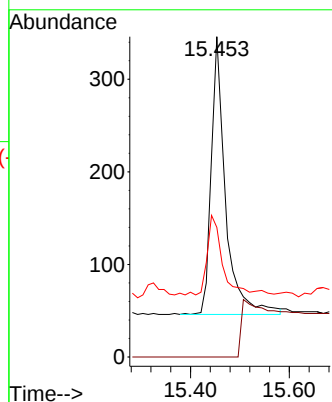
Tgt Ion:330 Resp: 625

Ion Ratio Lower Upper

330 100

332 0.0 0.0 0.0

141 32.8 26.6 40.0



#15

2-Fluorobiphenyl

Concen: 0.351 ng

RT: 12.539 min Scan# 1255

Delta R.T. -0.005 min

Lab File: BN035745.D

Acq: 20 Dec 2024 17:06

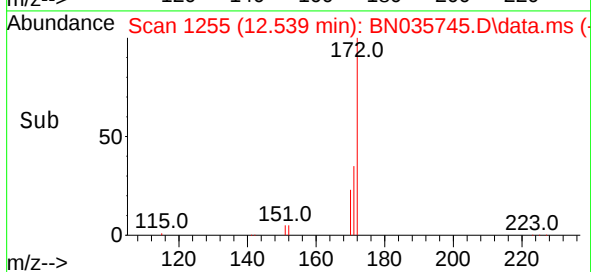
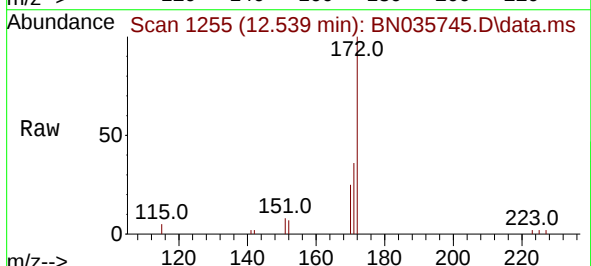
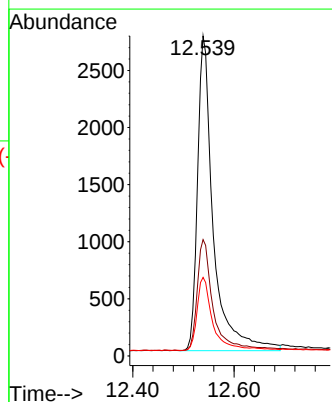
Tgt Ion:172 Resp: 5967

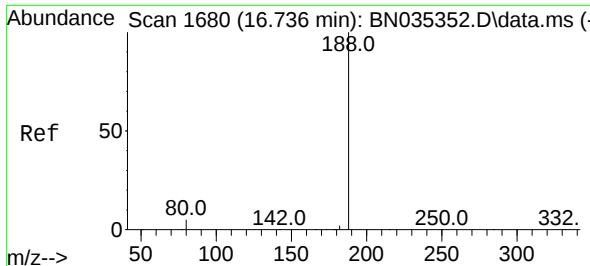
Ion Ratio Lower Upper

172 100

171 36.4 29.0 43.4

170 24.6 19.8 29.8





#19

Phenanthrene-d10

Concen: 0.400 ng

RT: 16.698 min Scan# 1

Delta R.T. 0.000 min

Lab File: BN035745.D

Acq: 20 Dec 2024 17:06

Instrument :

BNA_N

ClientSampleId :

TT191D1-20241216

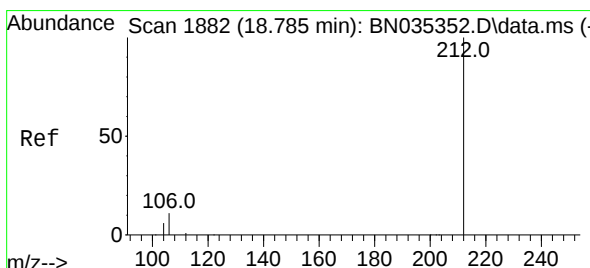
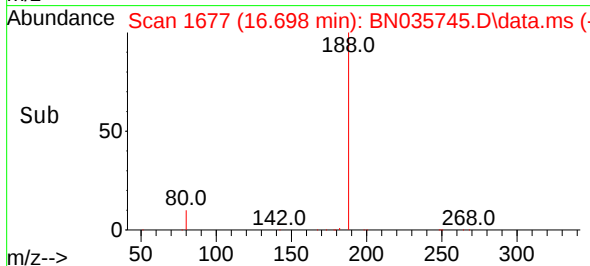
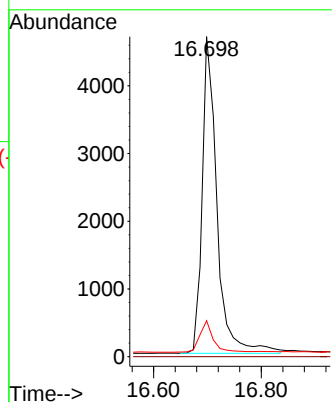
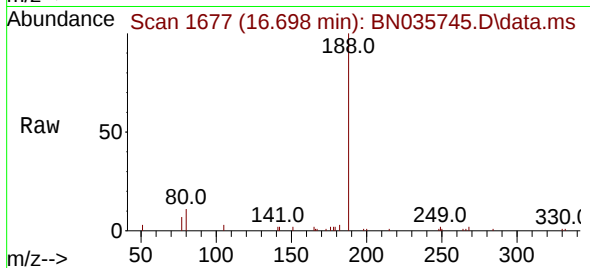
Tgt Ion:188 Resp: 8910

Ion Ratio Lower Upper

188 100

94 0.0 0.0 0.0

80 11.2 4.6 6.8#



#27

Fluoranthene-d10

Concen: 0.447 ng

RT: 18.757 min Scan# 1876

Delta R.T. -0.005 min

Lab File: BN035745.D

Acq: 20 Dec 2024 17:06

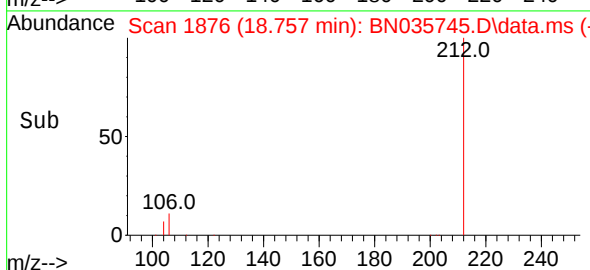
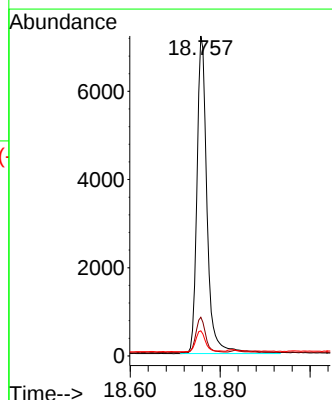
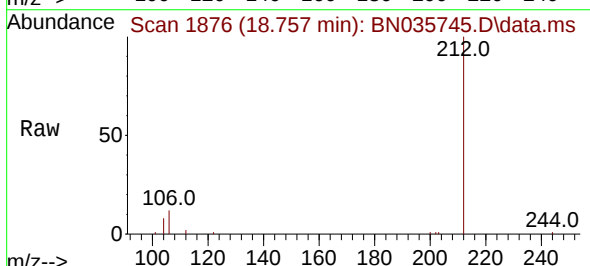
Tgt Ion:212 Resp: 11294

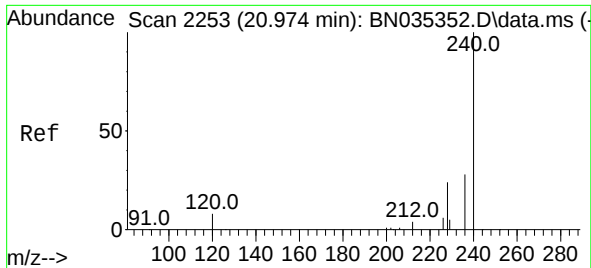
Ion Ratio Lower Upper

212 100

106 10.8 9.2 13.8

104 6.4 5.3 7.9

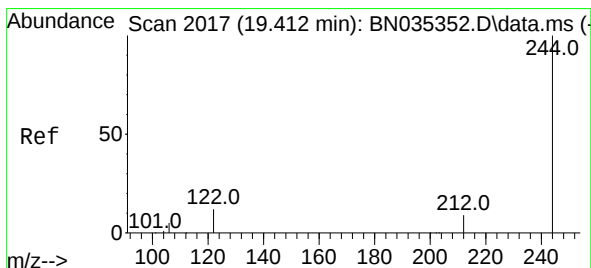
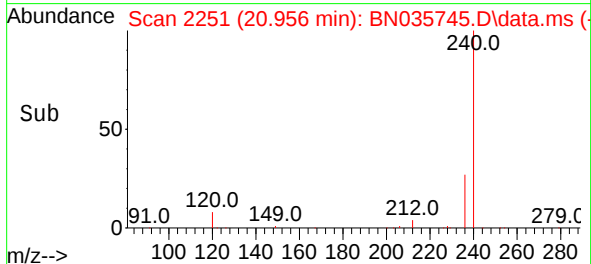
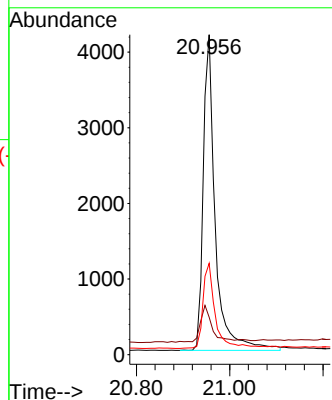
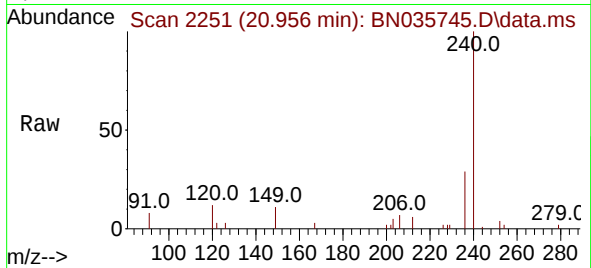




#29
Chrysene-d12
Concen: 0.400 ng
RT: 20.956 min Scan# 21
Delta R.T. 0.000 min
Lab File: BN035745.D
Acq: 20 Dec 2024 17:06

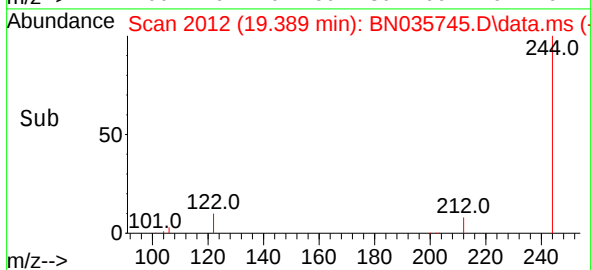
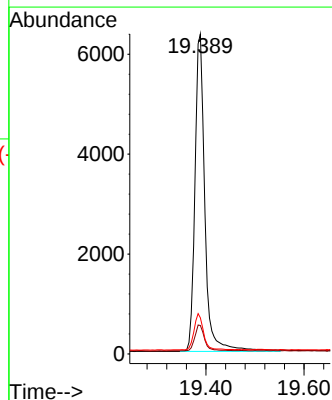
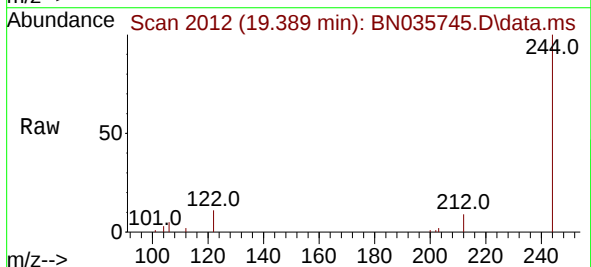
Instrument :
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TT191D1-20241216

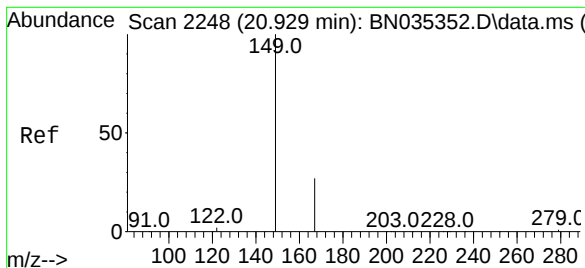
Tgt Ion:240 Resp: 7476
Ion Ratio Lower Upper
240 100
120 11.7 7.9 11.9
236 28.5 22.9 34.3



#31
Terphenyl-d14
Concen: 0.607 ng
RT: 19.389 min Scan# 2012
Delta R.T. 0.000 min
Lab File: BN035745.D
Acq: 20 Dec 2024 17:06

Tgt Ion:244 Resp: 8952
Ion Ratio Lower Upper
244 100
212 8.9 8.1 12.1
122 11.3 10.3 15.5

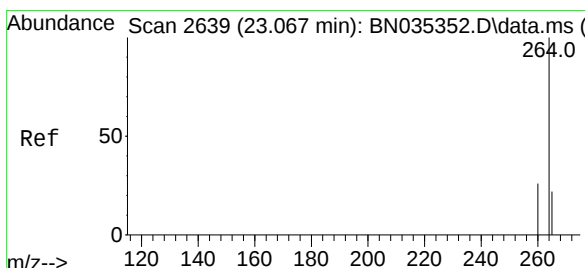
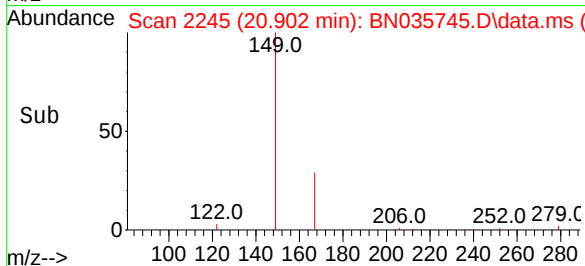
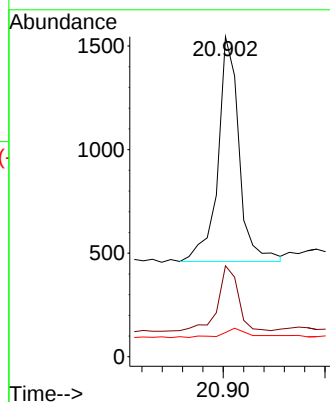
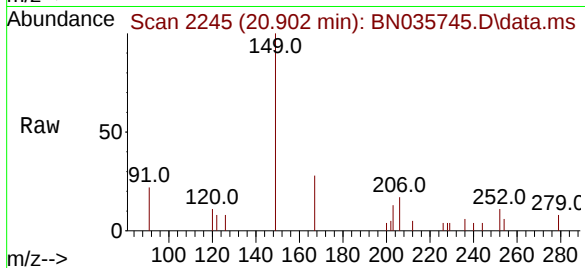




#34
Bis(2-ethylhexyl)phthalate
Concen: 0.151 ng
RT: 20.902 min Scan# 21
Delta R.T. -0.009 min
Lab File: BN035745.D
Acq: 20 Dec 2024 17:06

Instrument :
BNA_N
ClientSampleId :
TT191D1-20241216

Tgt Ion:149 Resp: 1560
Ion Ratio Lower Upper
149 100
167 27.1 22.2 33.4
279 4.6 2.7 4.1#



#35
Perylene-d12
Concen: 0.400 ng
RT: 23.041 min Scan# 2630
Delta R.T. 0.000 min
Lab File: BN035745.D
Acq: 20 Dec 2024 17:06

Tgt Ion:264 Resp: 7630
Ion Ratio Lower Upper
264 100
260 26.7 21.4 32.2
265 84.9 40.2 60.4#

