

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 :

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)

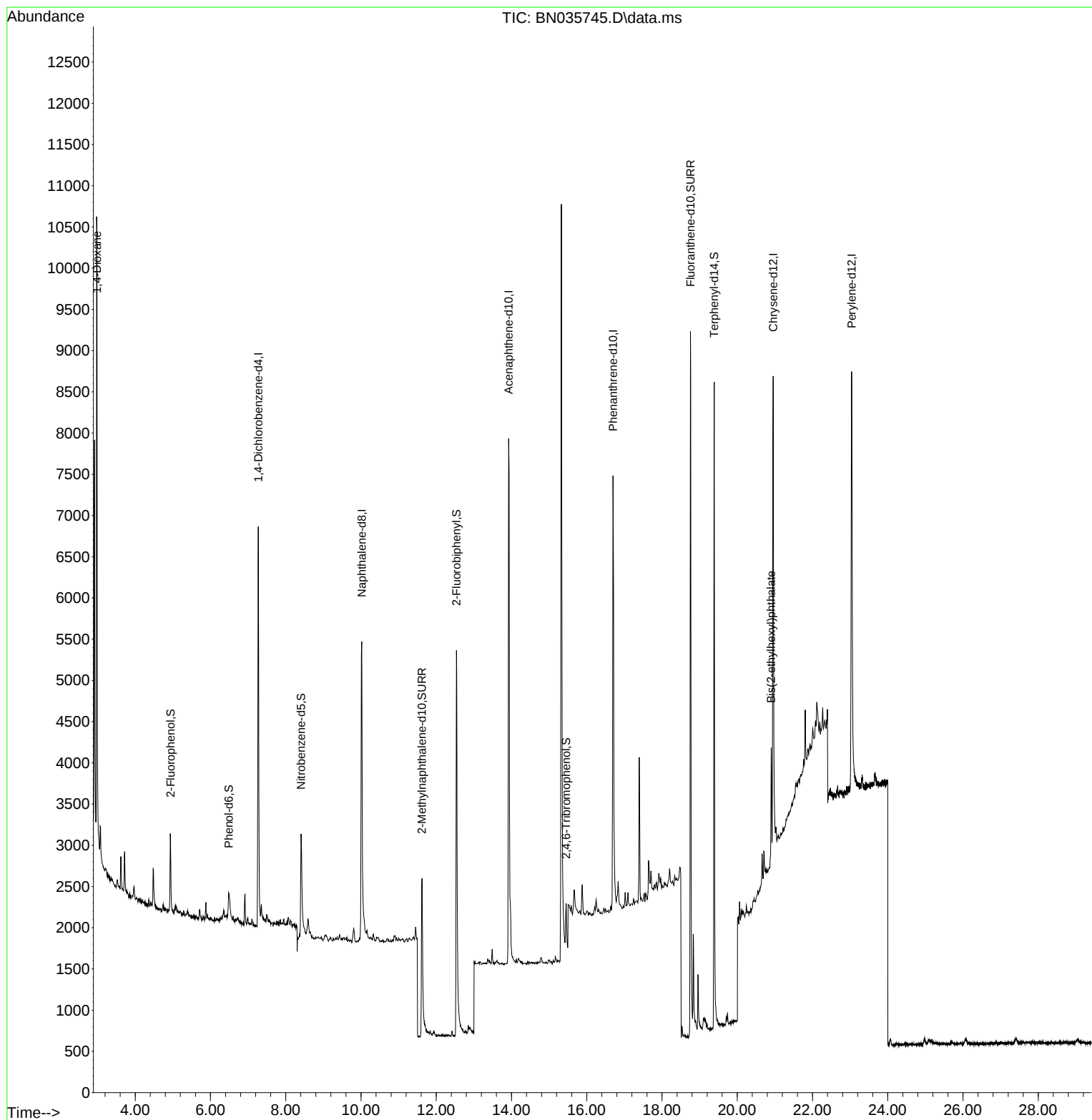
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.272	152	2571	0.400	ng	0.00
7) Naphthalene-d8	10.020	136	6829	0.400	ng	# 0.00
13) Acenaphthene-d10	13.925	164	4492	0.400	ng	-0.01
19) Phenanthrene-d10	16.698	188	8910	0.400	ng	# 0.00
29) Chrysene-d12	20.956	240	7476	0.400	ng	0.00
35) Perylene-d12	23.041	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						Qvalue
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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#1

1,4-Dichlorobenzene-d4

Concen: 0.400 ng

RT: 7.272 min Scan# 60

Delta R.T. -0.000 min

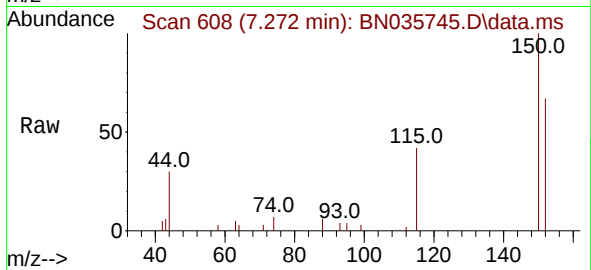
Lab File: BN035745.D

Acq: 20 Dec 2024 17:06

Instrument :

BNA_N

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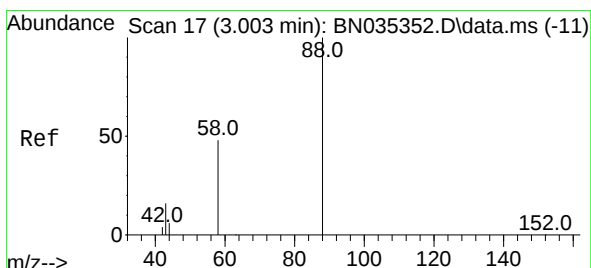
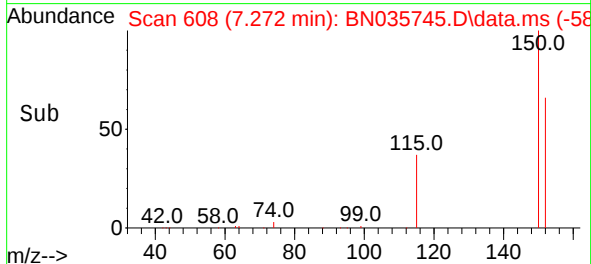
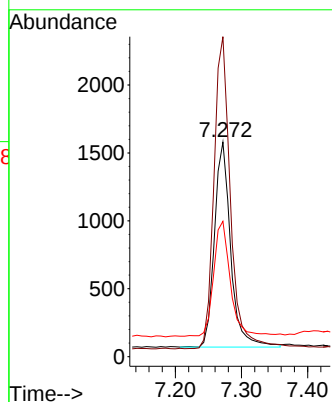
Tgt Ion:152 Resp: 2571

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

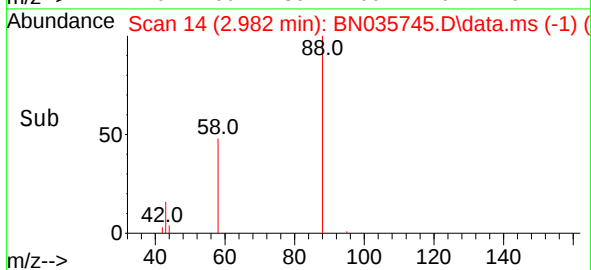
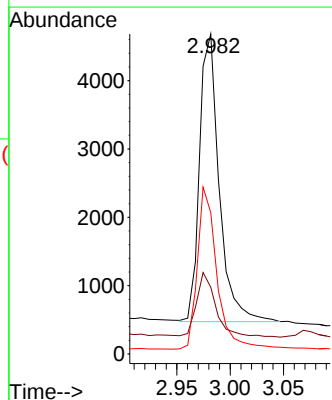
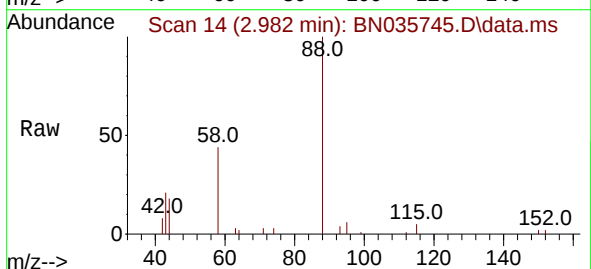
Tgt Ion: 88 Resp: 5410

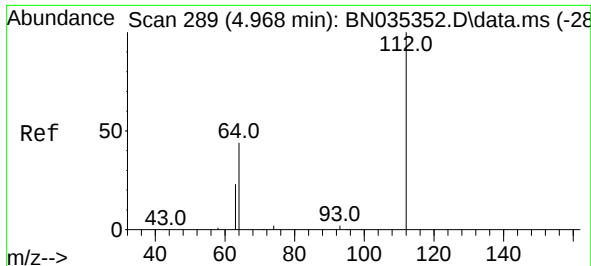
Ion Ratio Lower Upper

88 100

43 22.1 17.2 25.8

58 56.2 44.5 66.7

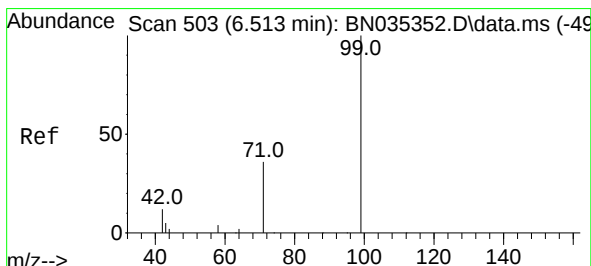
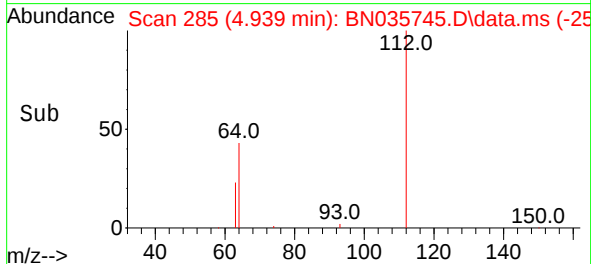
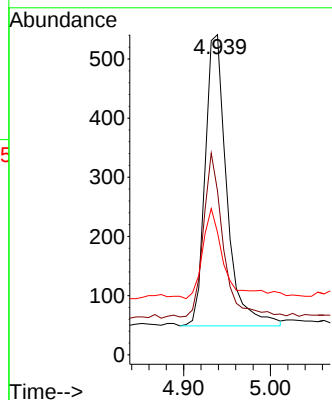
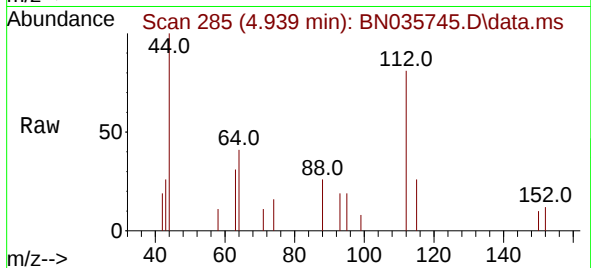




#4
2-Fluorophenol
Concen: 0.132 ng
RT: 4.939 min Scan# 21
Delta R.T. 0.000 min
Lab File: BN035745.D
Acq: 20 Dec 2024 17:06

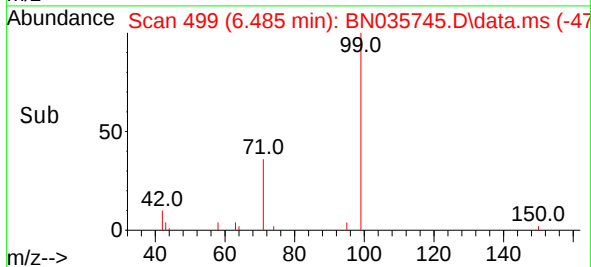
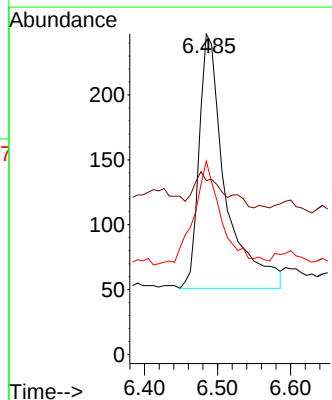
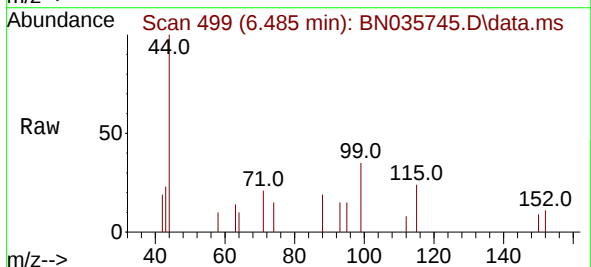
Instrument :
BNA_N
ClientSampleId :

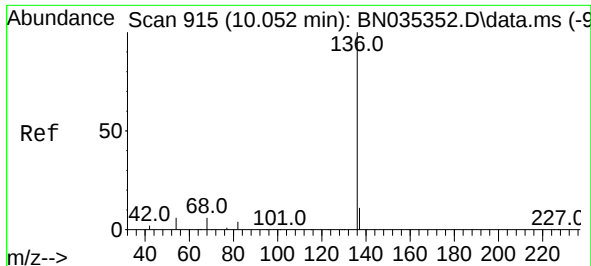
Tgt Ion:	112	Resp:	852
Ion	Ratio	Lower	Upper
112	100		
64	53.3	39.8	59.8
63	32.0	21.0	31.6



#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

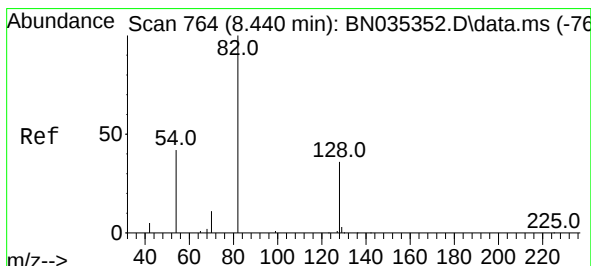
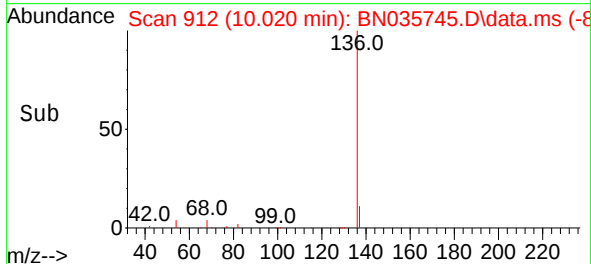
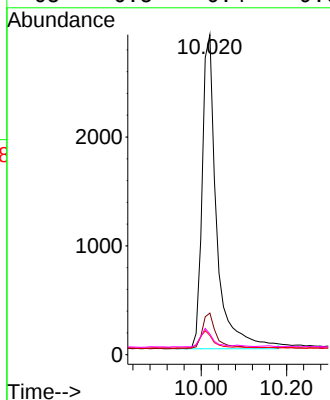
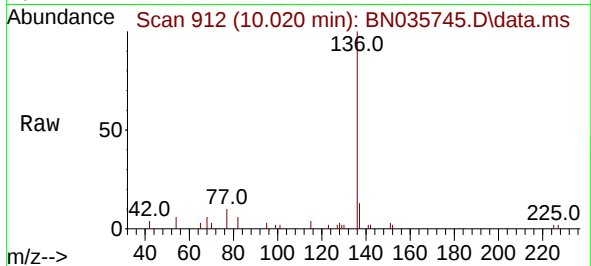




#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.020 min Scan# 915
Delta R.T. 0.000 min
Lab File: BN035745.D
Acq: 20 Dec 2024 17:06

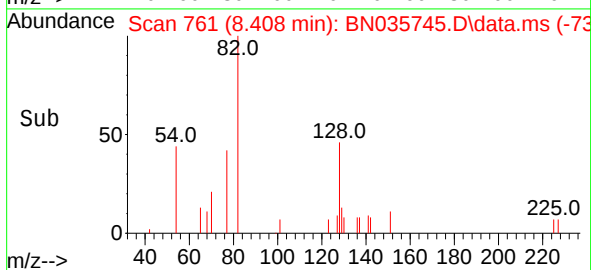
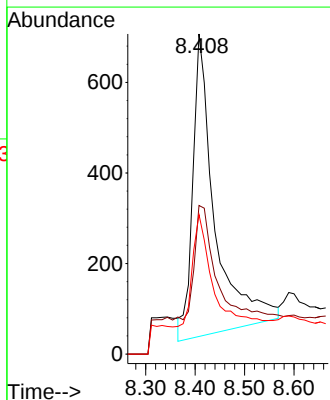
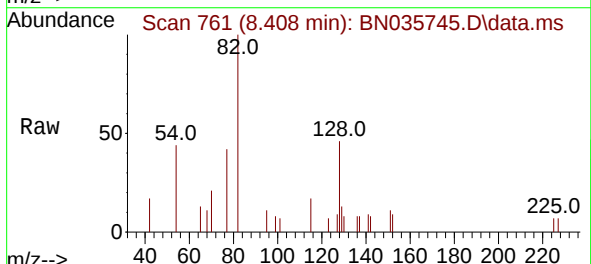
Instrument :
BNA_N
ClientSampleId :

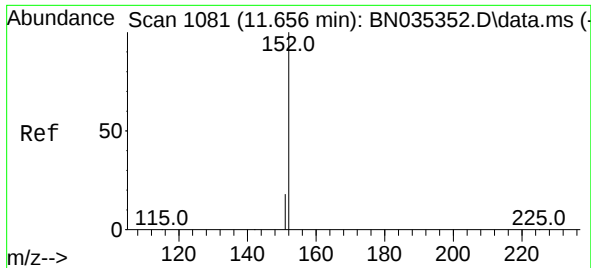
Tgt Ion:136 Resp: 6829
Ion Ratio Lower Upper
136 100
137 13.0 10.2 15.2
54 6.0 6.1 9.1#
68 6.5 6.4 9.6



#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

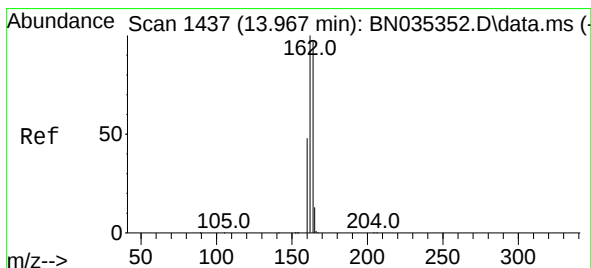
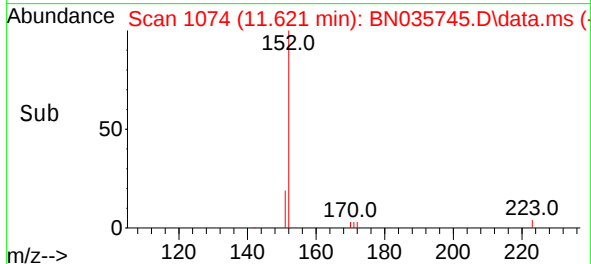
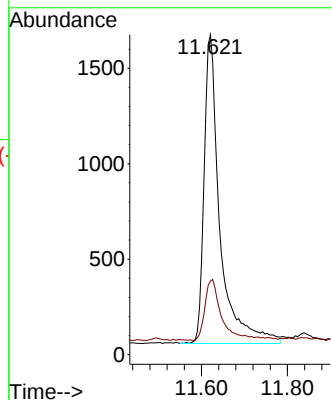
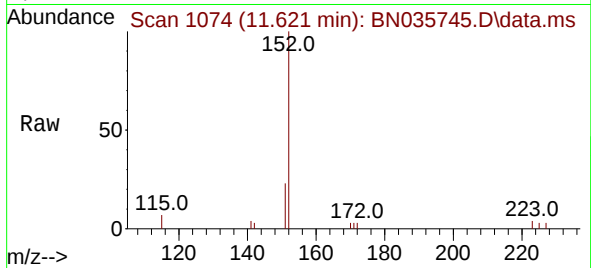




#11
2-Methylnaphthalene-d10
Concen: 0.386 ng
RT: 11.621 min Scan# 1081
Delta R.T. 0.000 min
Lab File: BN035745.D
Acq: 20 Dec 2024 17:06

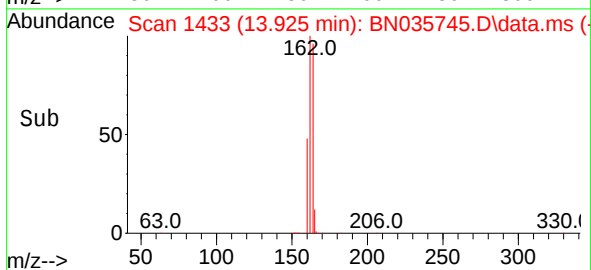
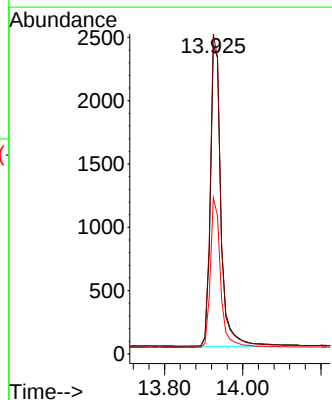
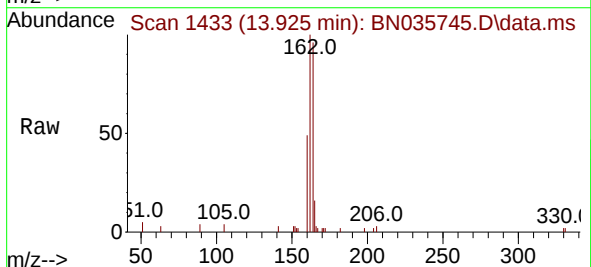
Instrument :
BNA_N
ClientSampleId :

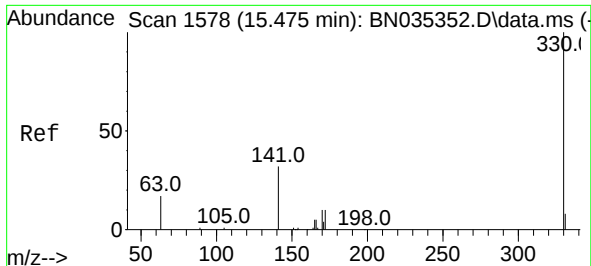
Tgt Ion:152 Resp: 4121
Ion Ratio Lower Upper
152 100
151 21.8 16.6 25.0



#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# 1

Delta R.T. 0.000 min

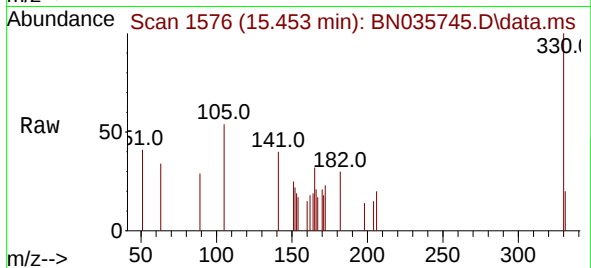
Lab File: BN035745.D

Acq: 20 Dec 2024 17:06

Instrument :

BNA_N

ClientSampleId :



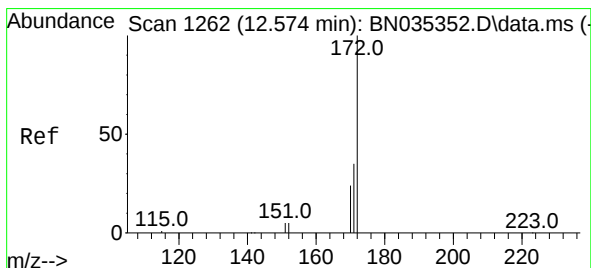
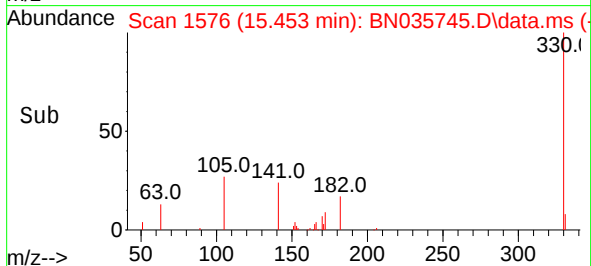
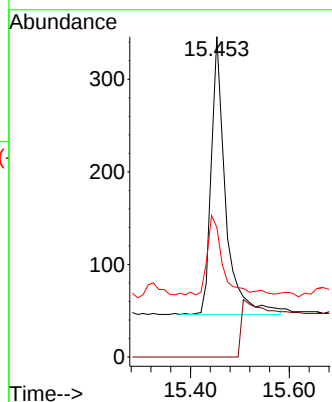
Tgt Ion:330 Resp: 625

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

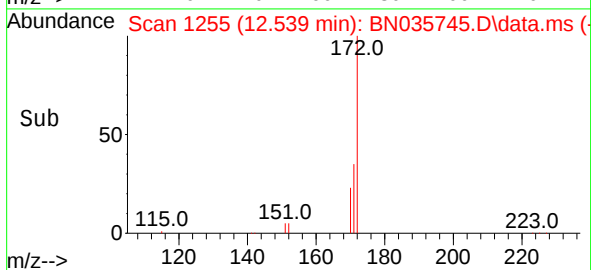
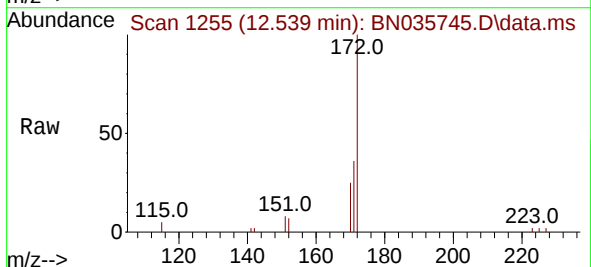
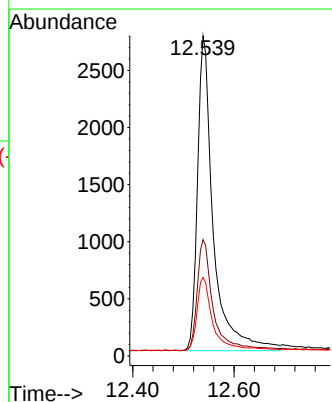
Tgt Ion:172 Resp: 5967

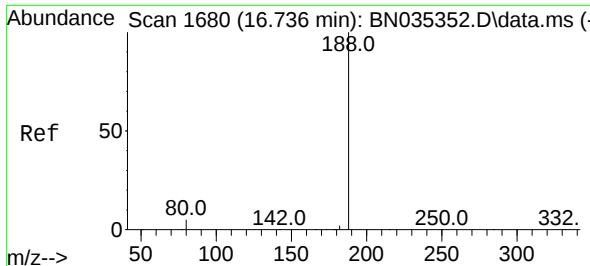
Ion Ratio Lower Upper

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 :

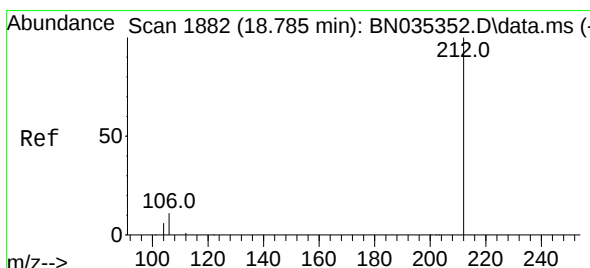
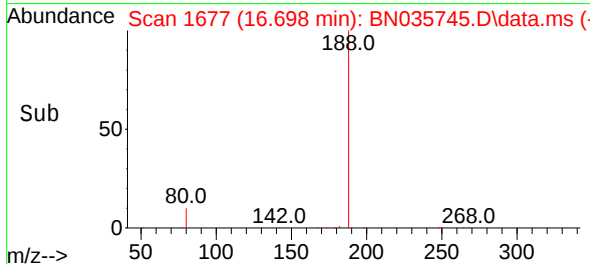
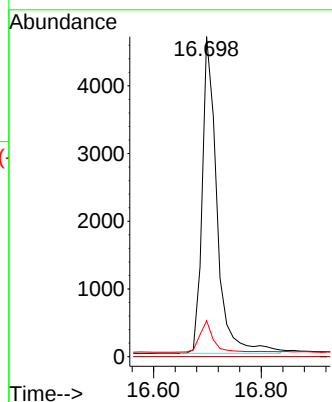
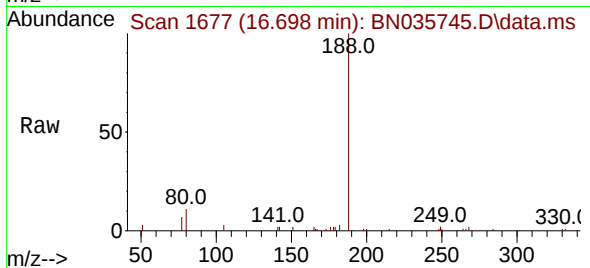
Tgt Ion:188 Resp: 8910

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

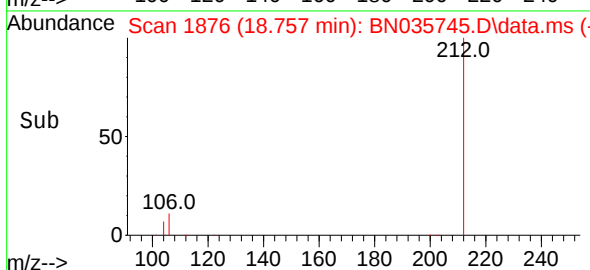
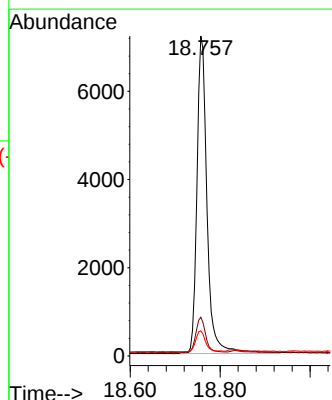
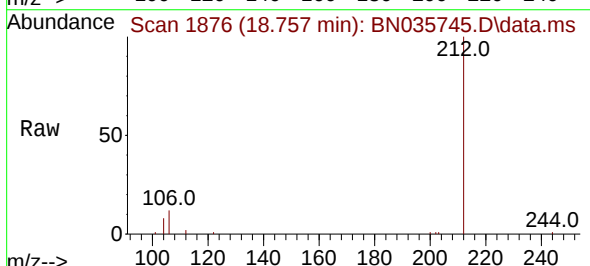
Tgt Ion:212 Resp: 11294

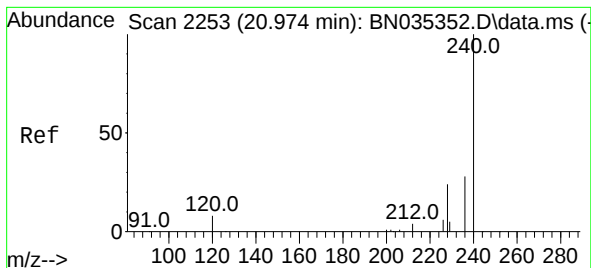
Ion Ratio Lower Upper

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 :

BNA_N

ClientSampleId :

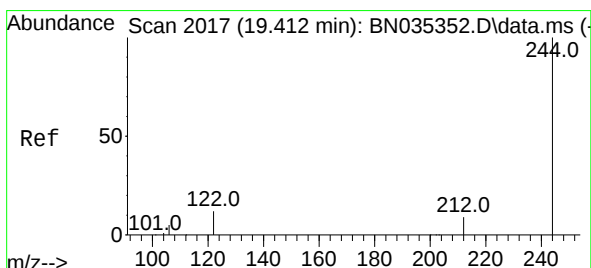
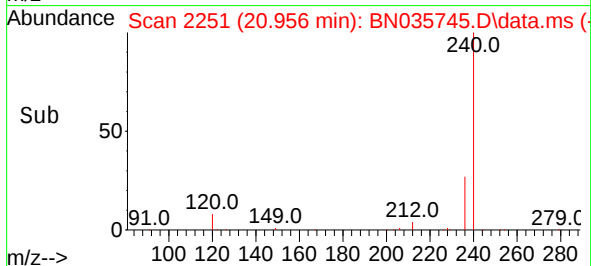
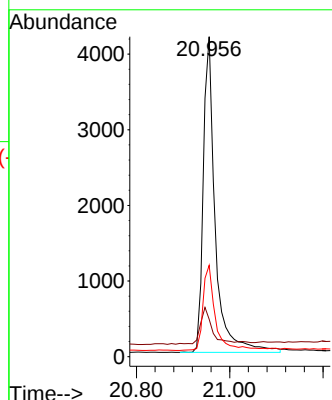
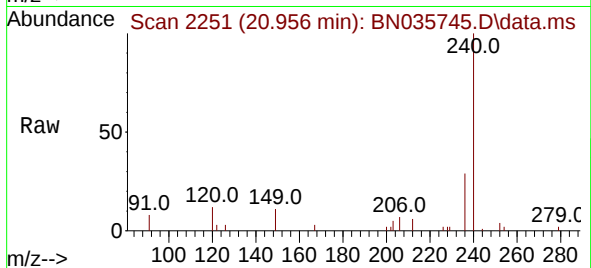
Tgt Ion:240 Resp: 7476

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

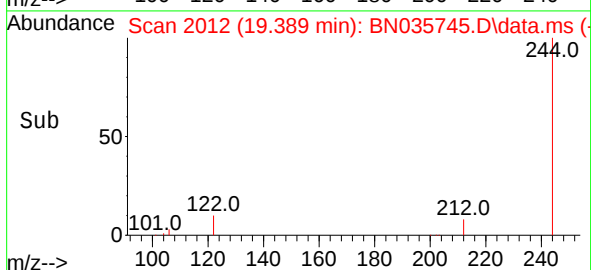
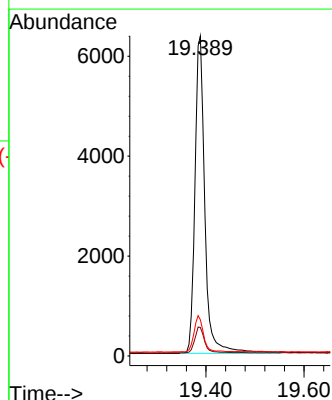
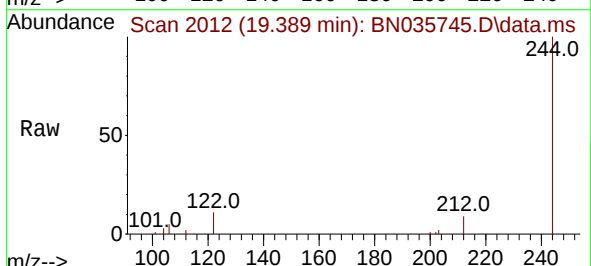
Tgt Ion:244 Resp: 8952

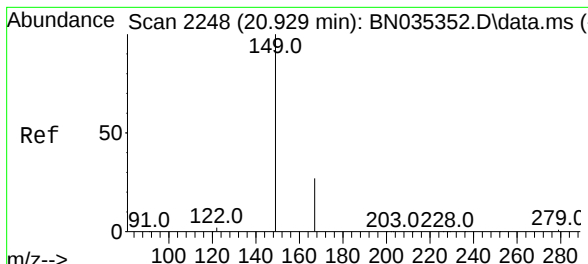
Ion Ratio Lower Upper

244 100

212 8.9 8.1 12.1

122 11.3 10.3 15.5



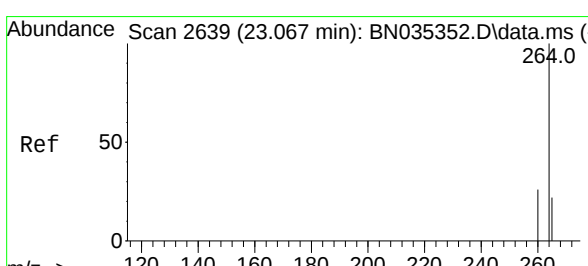
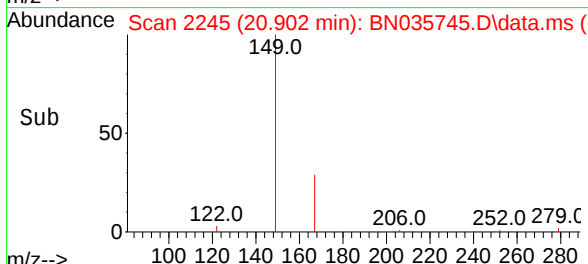
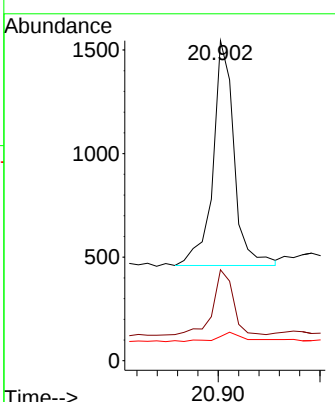
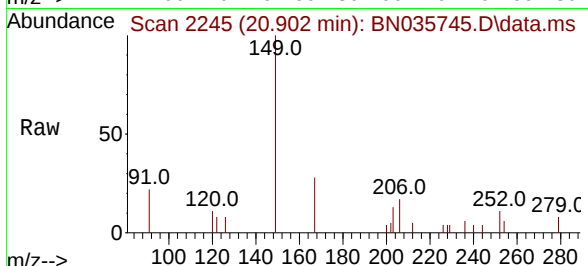


#34
 Bis(2-ethylhexyl)phthalate
 Concen: 0.151 ng
 RT: 20.902 min Scan# 21
 Delta R.T. -0.009 min
 Lab File: BN035745.D
 Acq: 20 Dec 2024 17:06

Instrument :
 BNA_N
 ClientSampleId :

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#

