

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN090624\
 Data File : BN033785.D
 Acq On : 06 Sep 2024 16:43
 Operator : MA/JU
 Sample : P3841-01
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 BR-04DR-451-090424

Quant Time: Sep 06 18:08:32 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN090424.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Sep 04 18:36:01 2024
 Response via : Initial Calibration

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

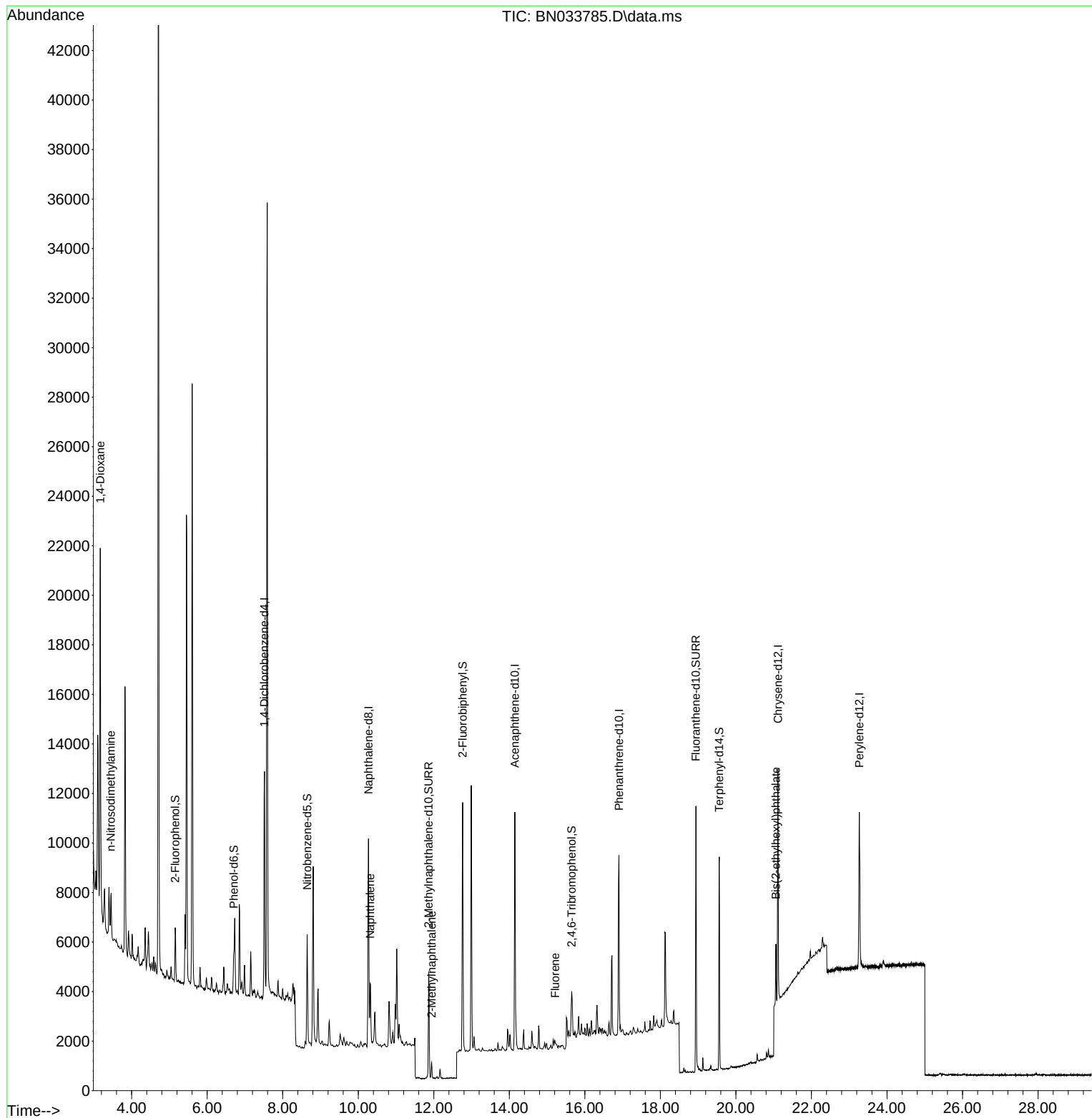
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.516	152	4158	0.400	ng	0.00
7) Naphthalene-d8	10.272	136	10638	0.400	ng	# 0.00
13) Acenaphthene-d10	14.146	164	5168	0.400	ng	-0.01
19) Phenanthrene-d10	16.904	188	10430	0.400	ng	# 0.00
29) Chrysene-d12	21.112	240	7924	0.400	ng	0.00
35) Perylene-d12	23.268	264	8124	0.400	ng	0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.154	112	1477	0.116	ng	0.00
5) Phenol-d6	6.707	99	1262	0.084	ng	0.00
8) Nitrobenzene-d5	8.649	82	3513	0.388	ng	0.00
11) 2-Methylnaphthalene-d10	11.865	152	6039	0.402	ng	0.00
14) 2,4,6-Tribromophenol	15.651	330	909	0.348	ng	0.00
15) 2-Fluorobiphenyl	12.767	172	8446	0.392	ng	0.00
27) Fluoranthene-d10	18.942	212	11385	0.442	ng	0.00
31) Terphenyl-d14	19.560	244	8118	0.480	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.168	88	9515	2.011	ng	# 94
3) n-Nitrosodimethylamine	3.450	42	196	0.035	ng	# 8
9) Naphthalene	10.314	128	3347	0.118	ng	# 95
12) 2-Methylnaphthalene	11.945	142	431	0.025	ng	# 79
18) Fluorene	15.215	166	538	0.028	ng	# 18
34) Bis(2-ethylhexyl)phtha...	21.059	149	2003	0.130	ng	# 98

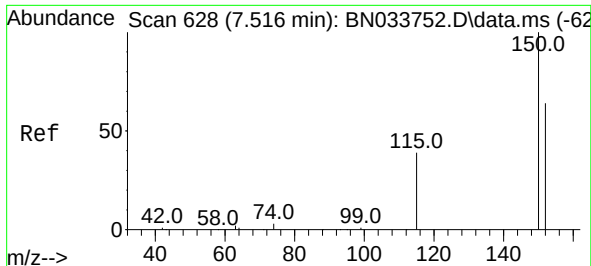
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN090624\
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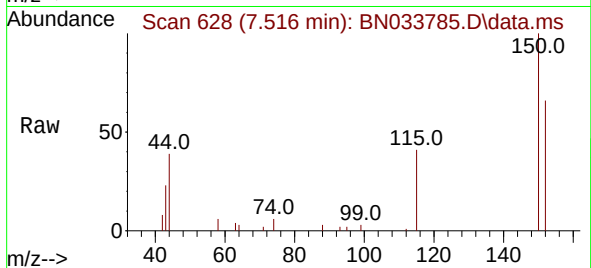
Quant Time: Sep 06 18:08:32 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN090424.M
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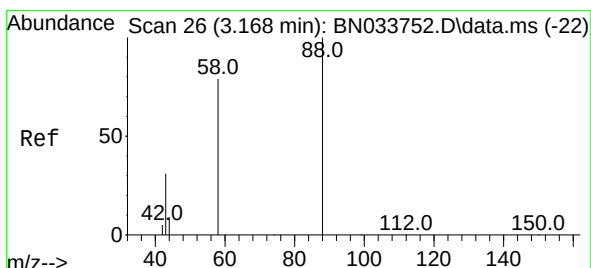
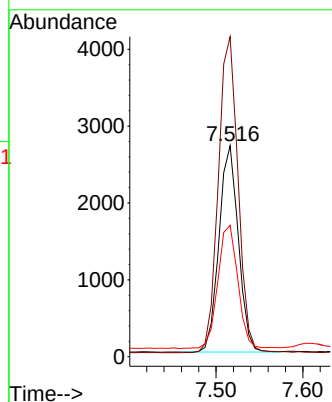
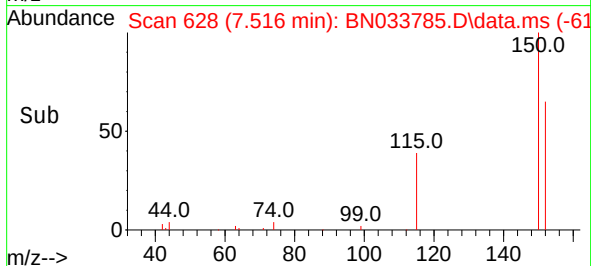


#1
 1,4-Dichlorobenzene-d4
 Concen: 0.400 ng
 RT: 7.516 min Scan# 61
 Delta R.T. 0.000 min
 Lab File: BN033785.D
 Acq: 06 Sep 2024 16:43

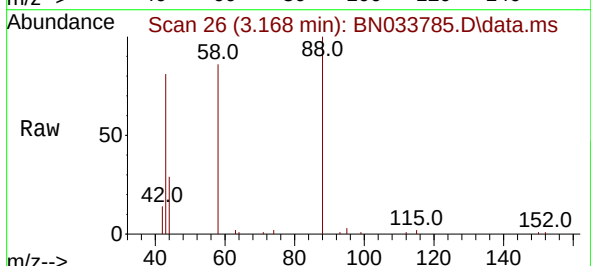
Instrument :
 BNA_N
 ClientSampleId :
 BR-04DR-451-090424



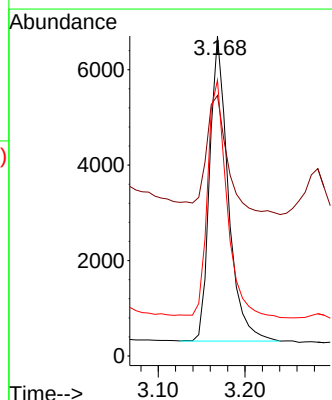
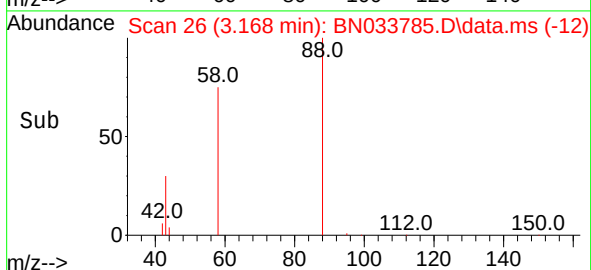
Tgt Ion:152 Resp: 4158
 Ion Ratio Lower Upper
 152 100
 150 151.6 123.3 184.9
 115 62.3 51.0 76.4

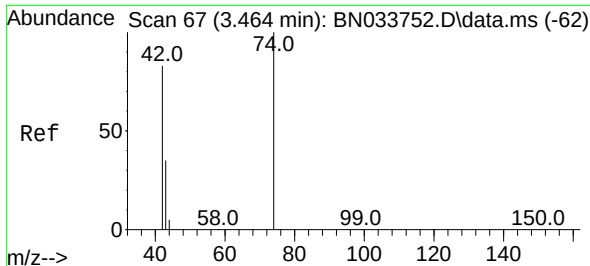


#2
 1,4-Dioxane
 Concen: 2.011 ng
 RT: 3.168 min Scan# 26
 Delta R.T. 0.000 min
 Lab File: BN033785.D
 Acq: 06 Sep 2024 16:43



Tgt Ion: 88 Resp: 9515
 Ion Ratio Lower Upper
 88 100
 43 44.3 29.0 43.4#
 58 81.8 64.1 96.1

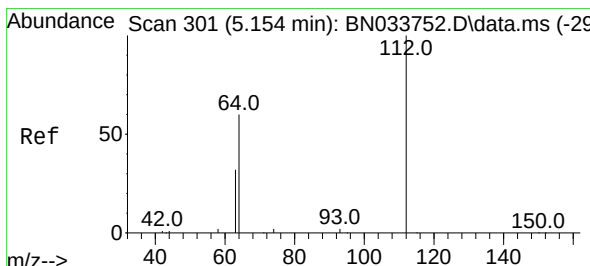
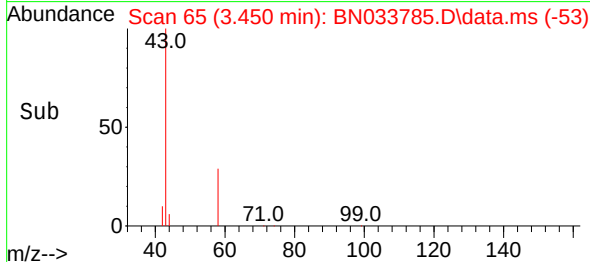
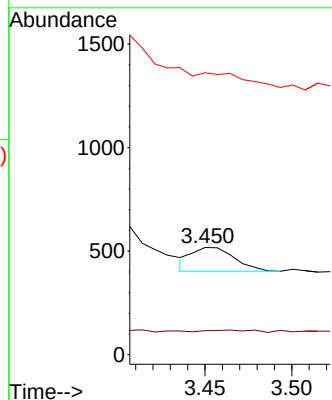
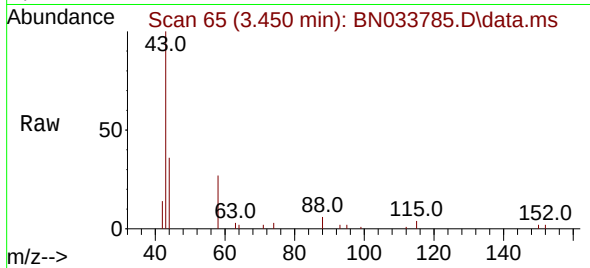




#3
n-Nitrosodimethylamine
Concen: 0.035 ng
RT: 3.450 min Scan# 61
Delta R.T. -0.015 min
Lab File: BN033785.D
Acq: 06 Sep 2024 16:43

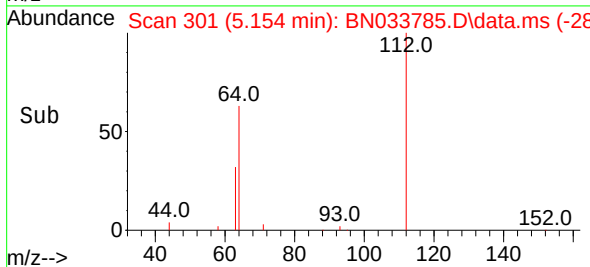
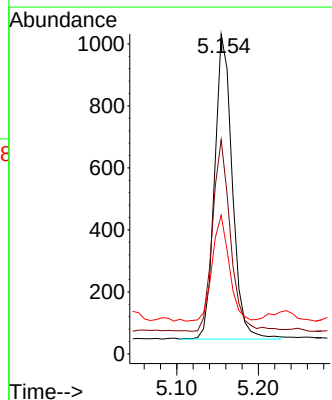
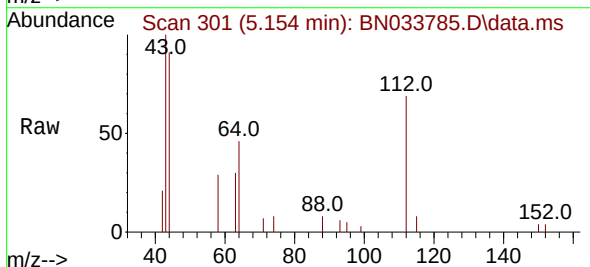
Instrument :
BNA_N
ClientSampleId :
BR-04DR-451-090424

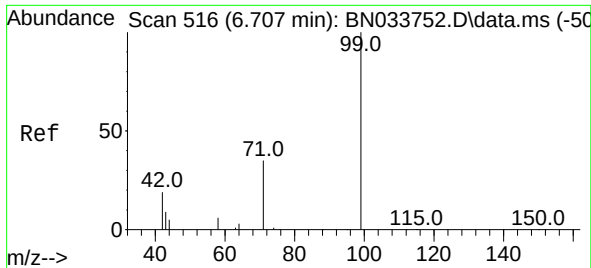
Tgt Ion: 42 Resp: 196
Ion Ratio Lower Upper
42 100
74 10.2 93.5 140.3#
44 0.0 7.4 11.0#



#4
2-Fluorophenol
Concen: 0.116 ng
RT: 5.154 min Scan# 301
Delta R.T. -0.000 min
Lab File: BN033785.D
Acq: 06 Sep 2024 16:43

Tgt Ion: 112 Resp: 1477
Ion Ratio Lower Upper
112 100
64 63.8 47.6 71.4
63 33.3 25.9 38.9

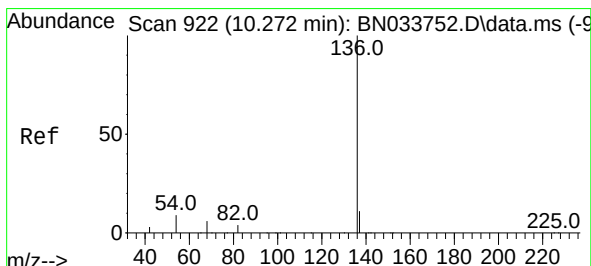
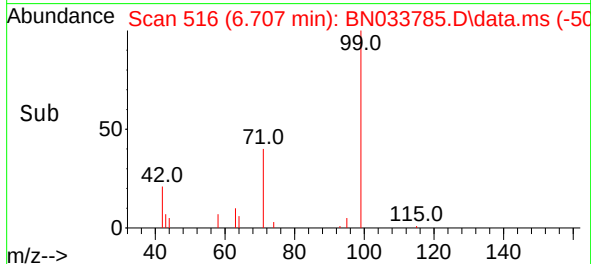
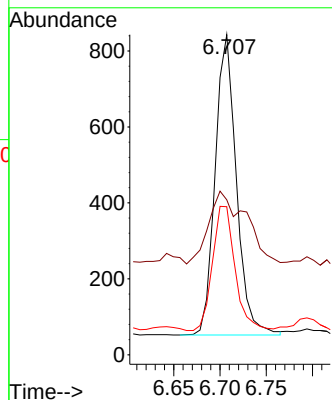
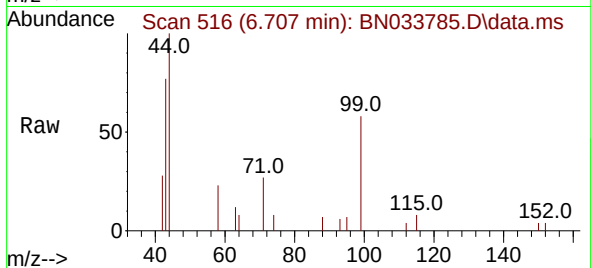




#5
Phenol-d6
Concen: 0.084 ng
RT: 6.707 min Scan# 516
Delta R.T. -0.000 min
Lab File: BN033785.D
Acq: 06 Sep 2024 16:43

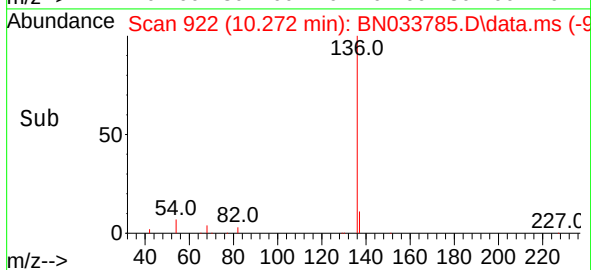
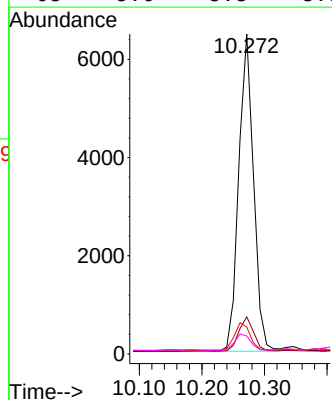
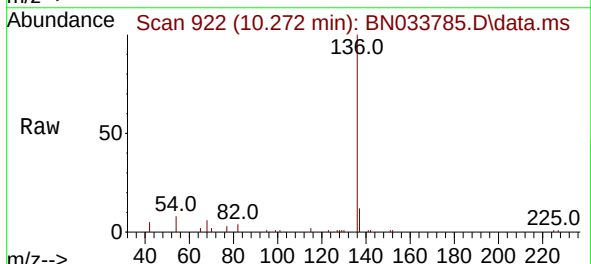
Instrument :
BNA_N
ClientSampleId :
BR-04DR-451-090424

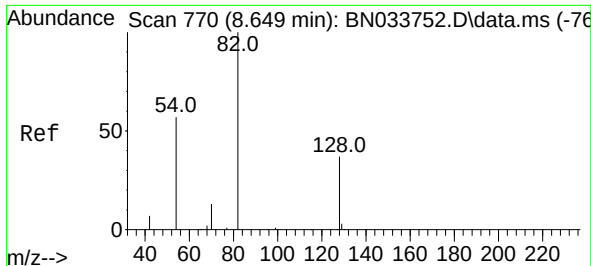
Tgt Ion: 99 Resp: 1262
Ion Ratio Lower Upper
99 100
42 42.5 18.0 27.0#
71 44.0 28.7 43.1#



#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.272 min Scan# 922
Delta R.T. -0.000 min
Lab File: BN033785.D
Acq: 06 Sep 2024 16:43

Tgt Ion: 136 Resp: 10638
Ion Ratio Lower Upper
136 100
137 11.6 9.0 13.4
54 8.4 8.1 12.1
68 5.6 5.8 8.8#

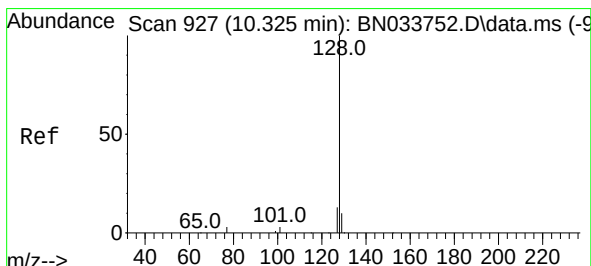
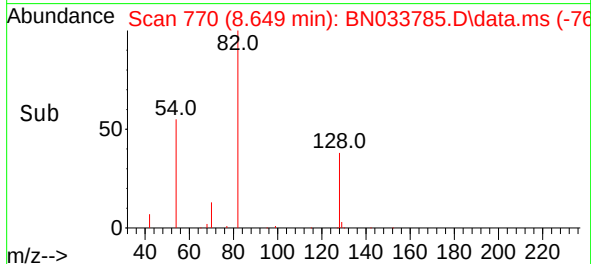
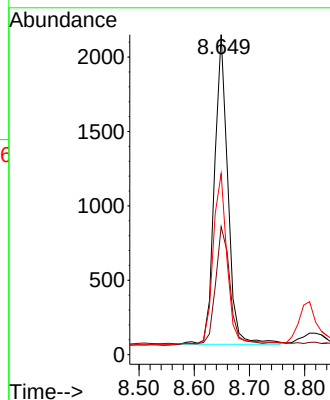
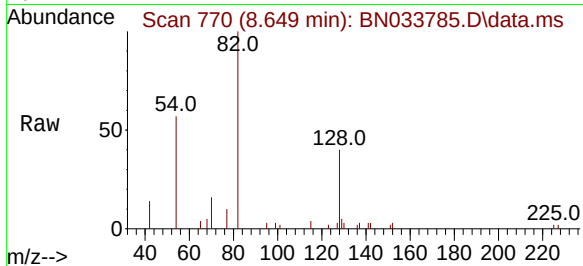




#8
Nitrobenzene-d5
Concen: 0.388 ng
RT: 8.649 min Scan# 71
Delta R.T. -0.000 min
Lab File: BN033785.D
Acq: 06 Sep 2024 16:43

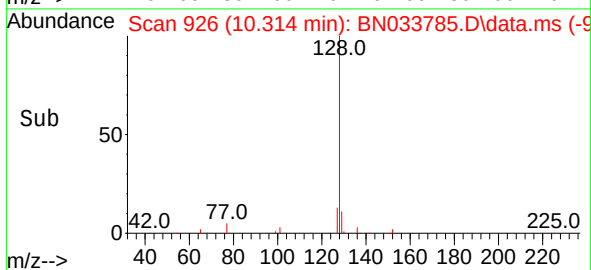
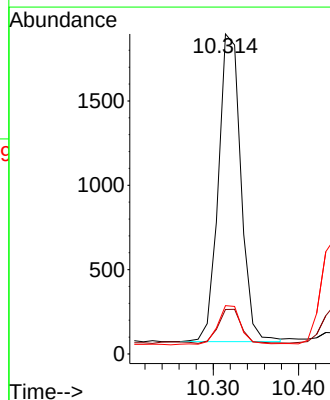
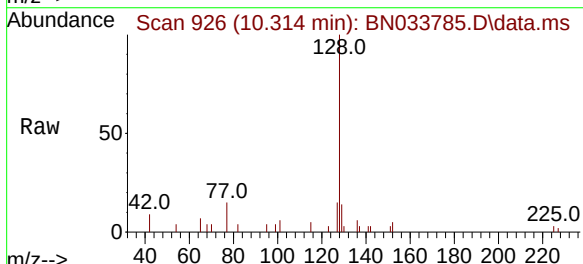
Instrument :
BNA_N
ClientSampleId :
BR-04DR-451-090424

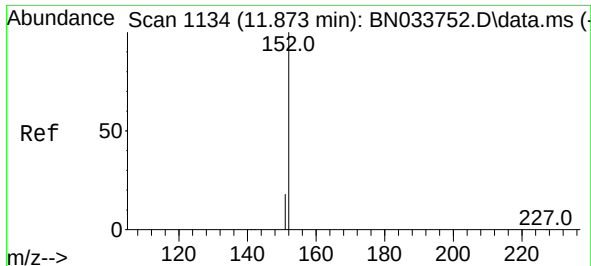
Tgt Ion:	82	Resp:	3513
Ion	Ratio	Lower	Upper
82	100		
128	40.0	31.3	46.9
54	56.6	46.9	70.3



#9
Naphthalene
Concen: 0.118 ng
RT: 10.314 min Scan# 926
Delta R.T. -0.011 min
Lab File: BN033785.D
Acq: 06 Sep 2024 16:43

Tgt Ion:	128	Resp:	3347
Ion	Ratio	Lower	Upper
128	100		
129	13.9	8.9	13.3#
127	15.1	10.8	16.2





#11

2-Methylnaphthalene-d10

Concen: 0.402 ng

RT: 11.865 min Scan# 1132

Delta R.T. -0.008 min

Lab File: BN033785.D

Acq: 06 Sep 2024 16:43

Instrument :

BNA_N

ClientSampleId :

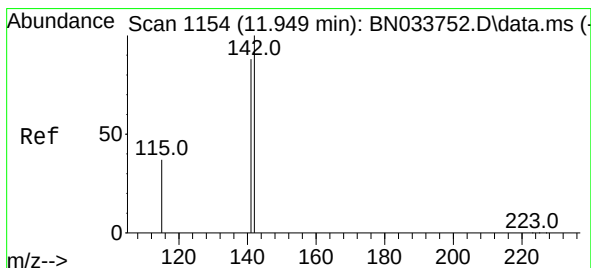
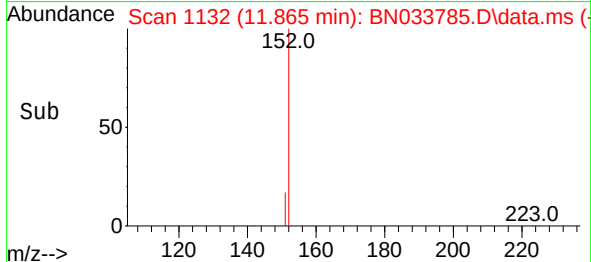
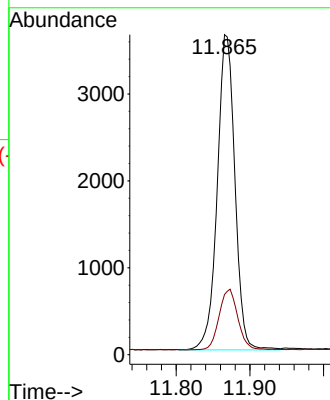
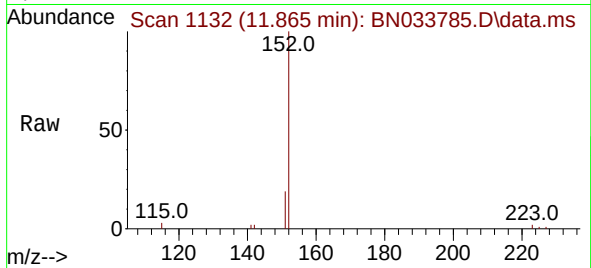
BR-04DR-451-090424

Tgt Ion:152 Resp: 6039

Ion Ratio Lower Upper

152 100

151 20.4 16.7 25.1



#12

2-Methylnaphthalene

Concen: 0.025 ng

RT: 11.945 min Scan# 1153

Delta R.T. -0.004 min

Lab File: BN033785.D

Acq: 06 Sep 2024 16:43

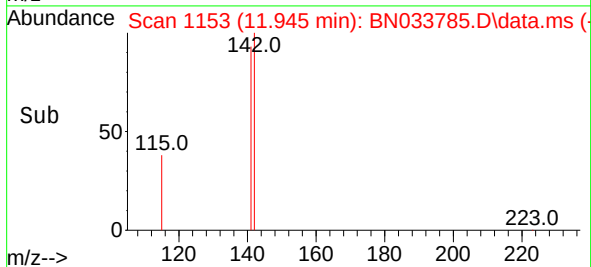
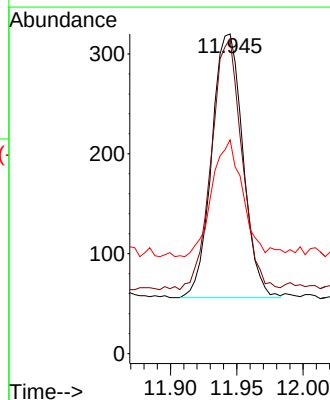
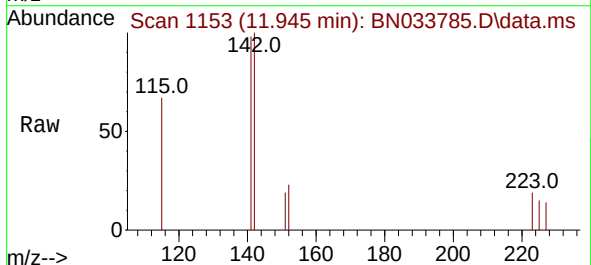
Tgt Ion:142 Resp: 431

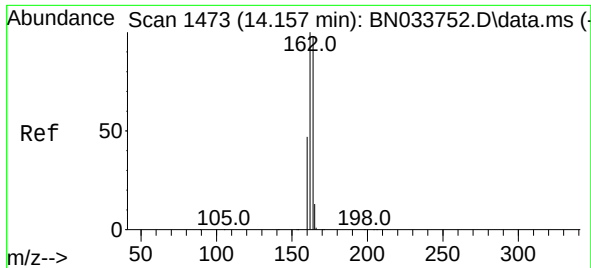
Ion Ratio Lower Upper

142 100

141 98.4 70.9 106.3

115 66.9 31.0 46.4#

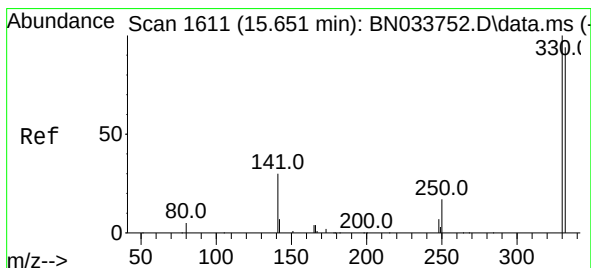
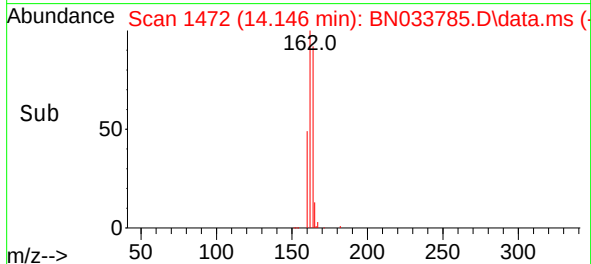
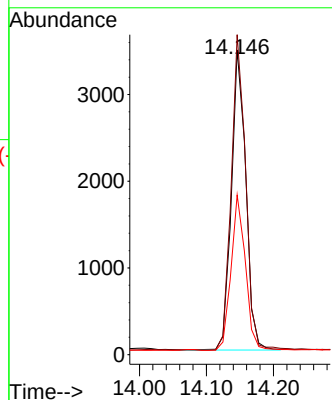
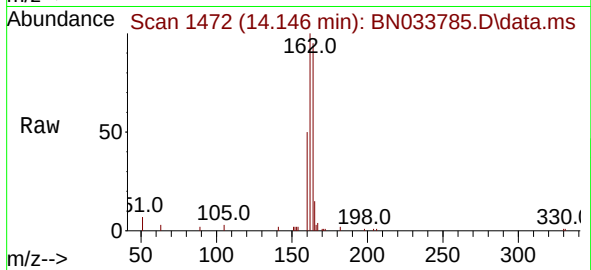




#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.146 min Scan# 1472
Delta R.T. -0.011 min
Lab File: BN033785.D
Acq: 06 Sep 2024 16:43

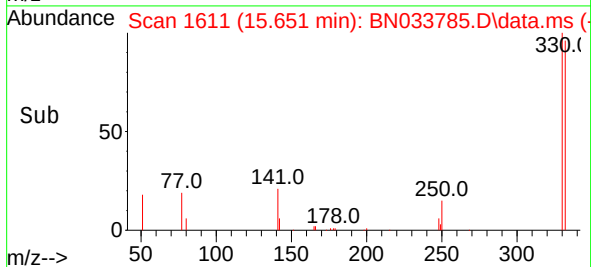
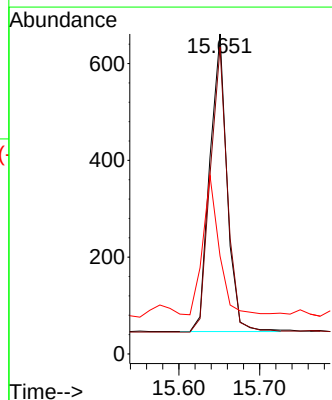
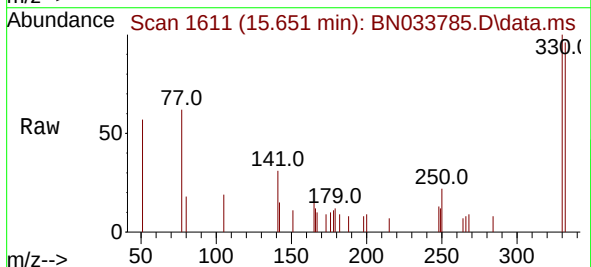
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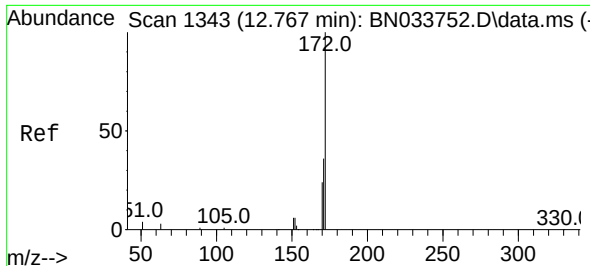
Tgt Ion:164 Resp: 5168
Ion Ratio Lower Upper
164 100
162 105.0 82.0 123.0
160 52.4 39.1 58.7



#14
2,4,6-Tribromophenol
Concen: 0.348 ng
RT: 15.651 min Scan# 1611
Delta R.T. -0.000 min
Lab File: BN033785.D
Acq: 06 Sep 2024 16:43

Tgt Ion:330 Resp: 909
Ion Ratio Lower Upper
330 100
332 96.3 74.2 111.4
141 43.8 33.9 50.9





#15

2-Fluorobiphenyl

Concen: 0.392 ng

RT: 12.767 min Scan# 1343

Delta R.T. -0.000 min

Lab File: BN033785.D

Acq: 06 Sep 2024 16:43

Instrument :

BNA_N

ClientSampleId :

BR-04DR-451-090424

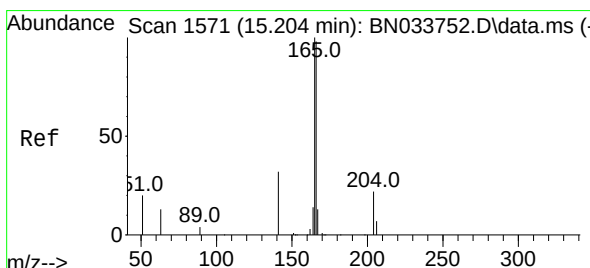
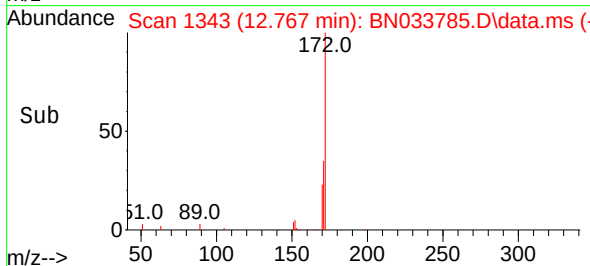
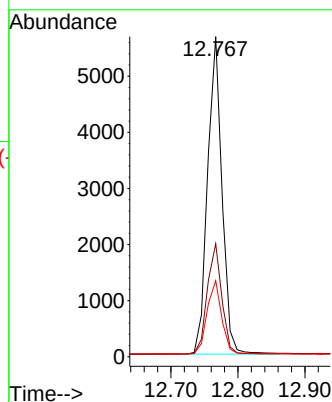
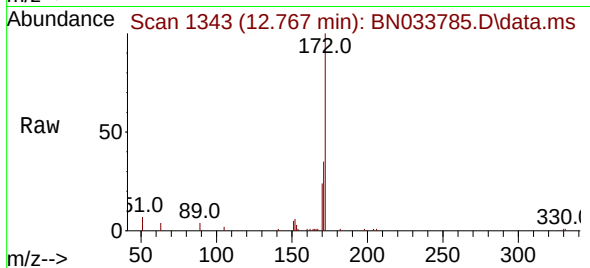
Tgt Ion:172 Resp: 8446

Ion Ratio Lower Upper

172 100

171 35.3 28.8 43.2

170 23.7 19.7 29.5



#18

Fluorene

Concen: 0.028 ng

RT: 15.215 min Scan# 1572

Delta R.T. 0.011 min

Lab File: BN033785.D

Acq: 06 Sep 2024 16:43

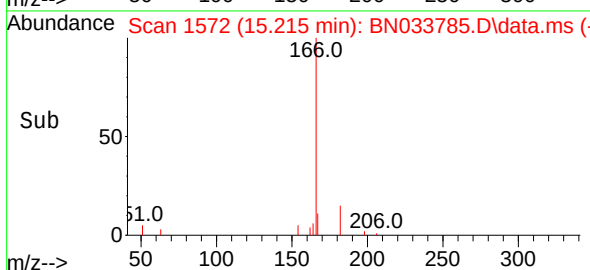
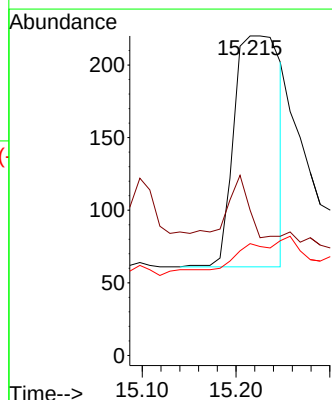
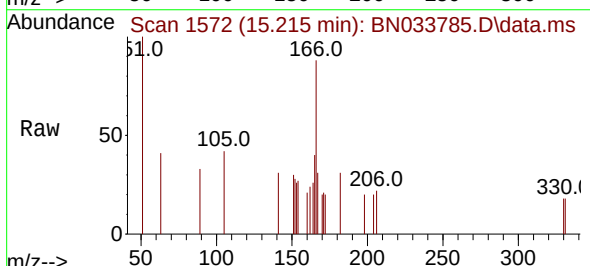
Tgt Ion:166 Resp: 538

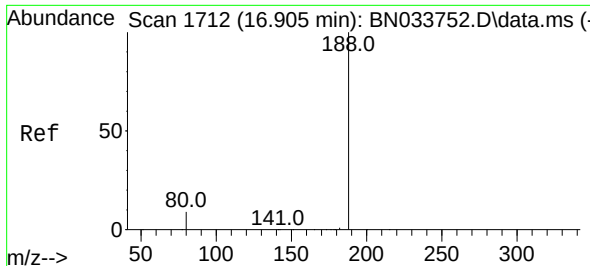
Ion Ratio Lower Upper

166 100

165 10.6 78.8 118.2#

167 0.0 10.6 16.0#





#19

Phenanthrene-d10

Concen: 0.400 ng

RT: 16.904 min Scan# 11

Delta R.T. -0.000 min

Lab File: BN033785.D

Acq: 06 Sep 2024 16:43

Instrument :

BNA_N

ClientSampleId :

BR-04DR-451-090424

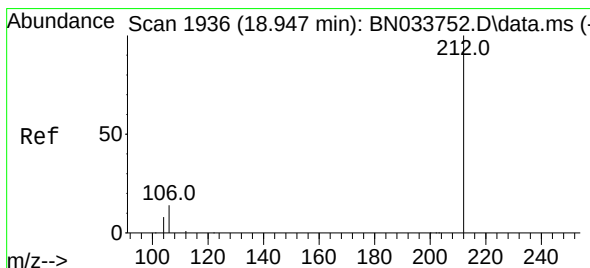
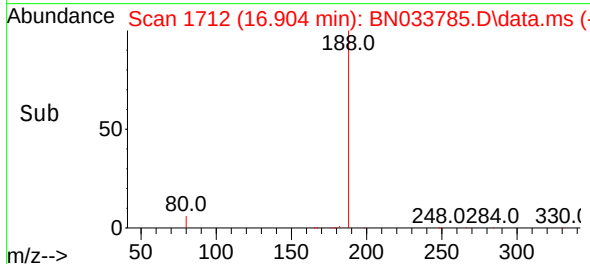
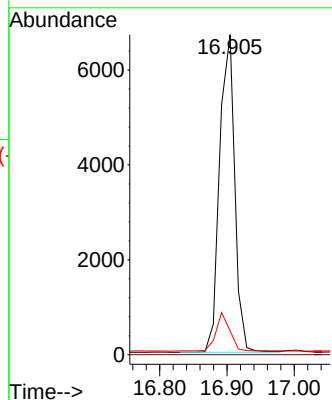
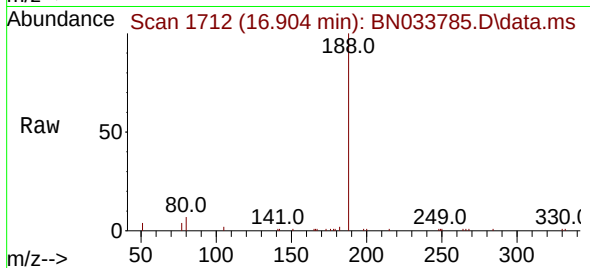
Tgt Ion:188 Resp: 10430

Ion Ratio Lower Upper

188 100

94 0.0 0.0 0.0

80 7.5 7.9 11.9#



#27

Fluoranthene-d10

Concen: 0.442 ng

RT: 18.942 min Scan# 1935

Delta R.T. -0.005 min

Lab File: BN033785.D

Acq: 06 Sep 2024 16:43

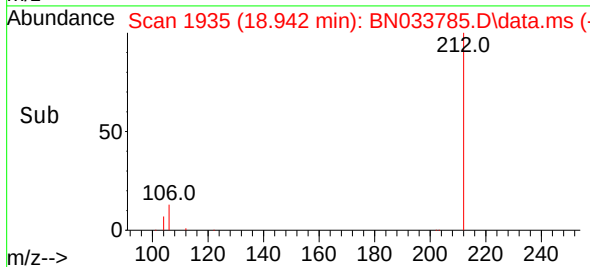
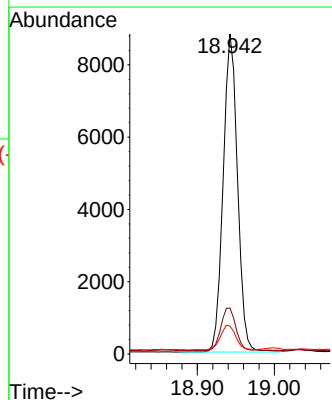
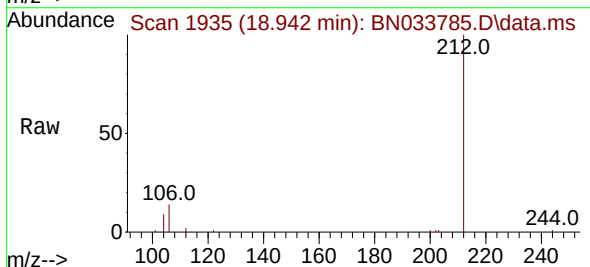
Tgt Ion:212 Resp: 11385

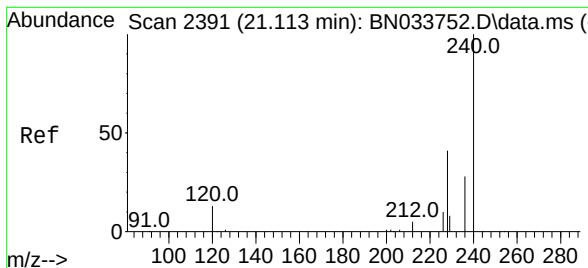
Ion Ratio Lower Upper

212 100

106 14.0 11.5 17.3

104 8.3 6.6 9.8





#29

Chrysene-d12

Concen: 0.400 ng

RT: 21.112 min Scan# 24

Delta R.T. -0.000 min

Lab File: BN033785.D

Acq: 06 Sep 2024 16:43

Instrument :

BNA_N

ClientSampleId :

BR-04DR-451-090424

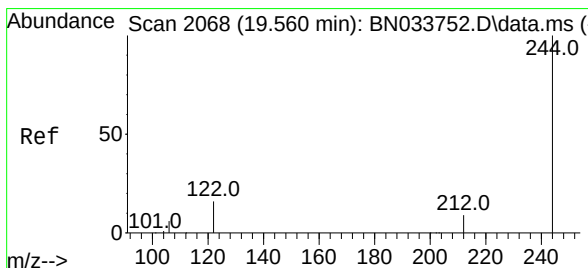
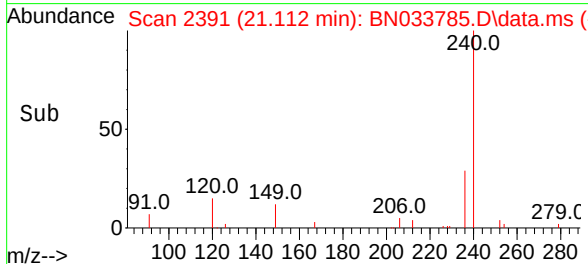
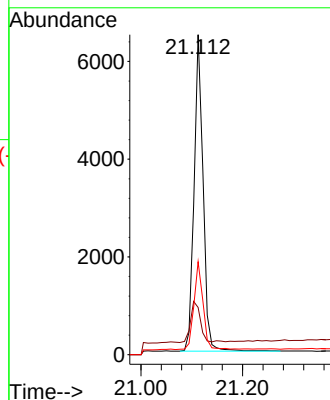
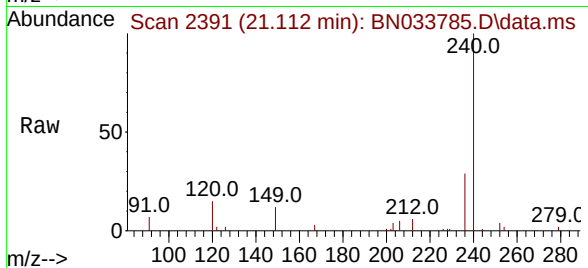
Tgt Ion:240 Resp: 7924

Ion Ratio Lower Upper

240 100

120 14.7 13.7 20.5

236 29.0 23.4 35.2



#31

Terphenyl-d14

Concen: 0.480 ng

RT: 19.560 min Scan# 2068

Delta R.T. -0.000 min

Lab File: BN033785.D

Acq: 06 Sep 2024 16:43

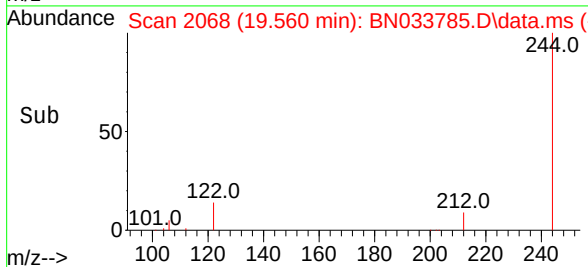
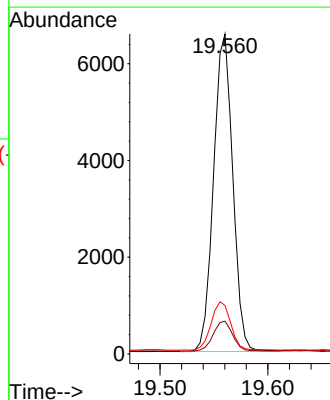
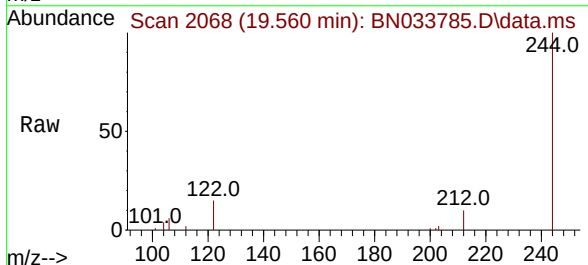
Tgt Ion:244 Resp: 8118

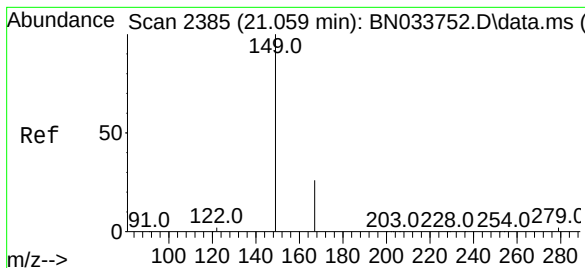
Ion Ratio Lower Upper

244 100

212 10.2 7.9 11.9

122 15.2 13.2 19.8

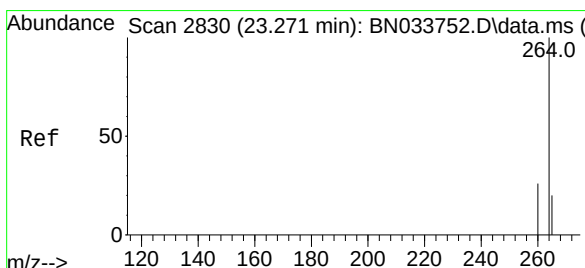
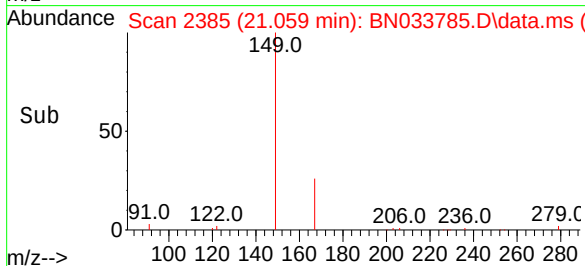
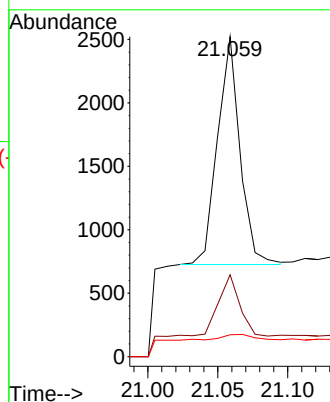
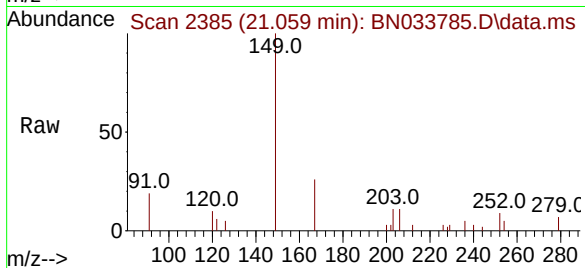




#34
 Bis(2-ethylhexyl)phthalate
 Concen: 0.130 ng
 RT: 21.059 min Scan# 2103
 Delta R.T. -0.000 min
 Lab File: BN033785.D
 Acq: 06 Sep 2024 16:43

Instrument :
 BNA_N
 ClientSampleId :
 BR-04DR-451-090424

Tgt Ion:	149	Resp:	2003
Ion Ratio	Lower	Upper	
149	100		
167	25.1	21.0	31.4
279	4.0	2.4	3.6#



#35
 Perylene-d12
 Concen: 0.400 ng
 RT: 23.268 min Scan# 2829
 Delta R.T. -0.003 min
 Lab File: BN033785.D
 Acq: 06 Sep 2024 16:43

Tgt Ion:	264	Resp:	8124
Ion Ratio	Lower	Upper	
264	100		
260	26.0	21.1	31.7
265	91.7	72.0	108.0

