

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN060424\
 Data File : BN031775.D
 Acq On : 04 Jun 2024 13:57
 Operator : MA/JU
 Sample : P2694-01
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :

Quant Time: Jun 04 15:04:18 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN050924.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri May 10 02:12:24 2024
 Response via : Initial Calibration

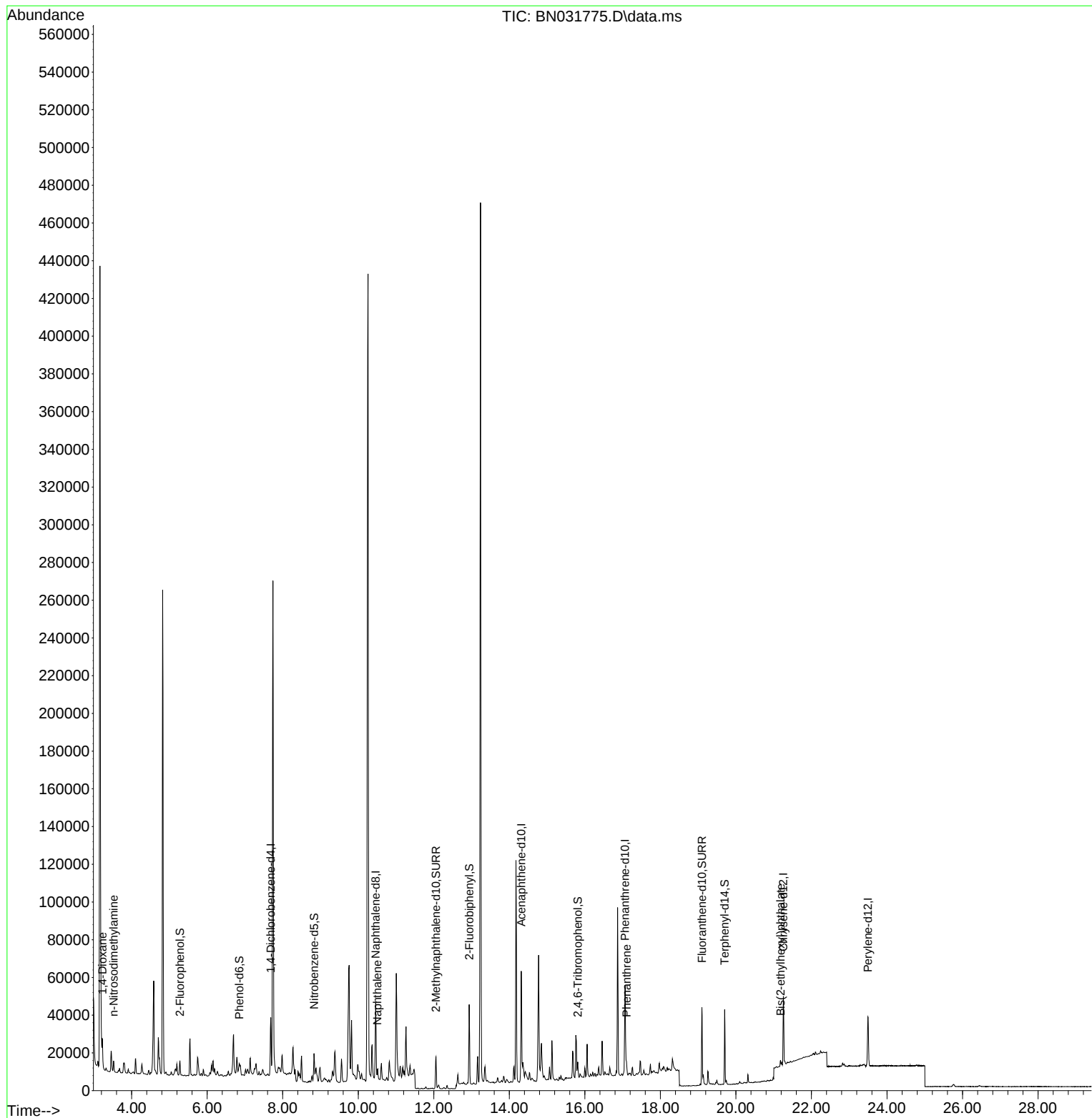
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.682	152	14728	0.400	ng	-0.04
7) Naphthalene-d8	10.464	136	53272	0.400	ng	#-0.03
13) Acenaphthene-d10	14.317	164	31797	0.400	ng	-0.03
19) Phenanthrene-d10	17.066	188	60392	0.400	ng	-0.03
29) Chrysene-d12	21.256	240	34051	0.400	ng	#-0.02
35) Perylene-d12	23.496	264	33659	0.400	ng	#-0.02
System Monitoring Compounds						
4) 2-Fluorophenol	5.277	112	5782	0.138	ng	-0.02
5) Phenol-d6	6.851	99	5358	0.095	ng	-0.02
8) Nitrobenzene-d5	8.830	82	12968	0.339	ng	-0.03
11) 2-Methylnaphthalene-d10	12.058	152	22399	0.261	ng	-0.03
14) 2,4,6-Tribromophenol	15.812	330	4253	0.352	ng	-0.03
15) 2-Fluorobiphenyl	12.938	172	35423	0.289	ng	-0.04
27) Fluoranthene-d10	19.100	212	44470	0.265	ng	-0.02
31) Terphenyl-d14	19.704	244	36482	0.438	ng	-0.03
Target Compounds						
2) 1,4-Dioxane	3.226	88	9513	0.525	ng	# 93
3) n-Nitrosodimethylamine	3.522	42	564	0.032	ng	# 1
9) Naphthalene	10.506	128	5872	0.040	ng	# 86
25) Phenanthrene	17.103	178	5205	0.031	ng	97
34) Bis(2-ethylhexyl)phtha...	21.184	149	3753	0.049	ng	91

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

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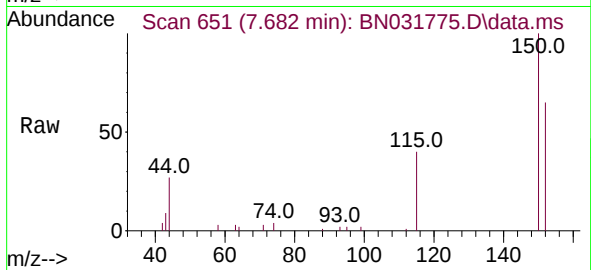
Quant Time: Jun 04 15:04:18 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN050924.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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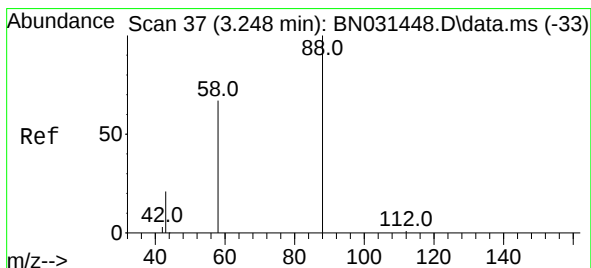
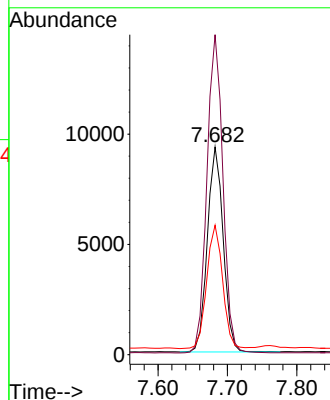
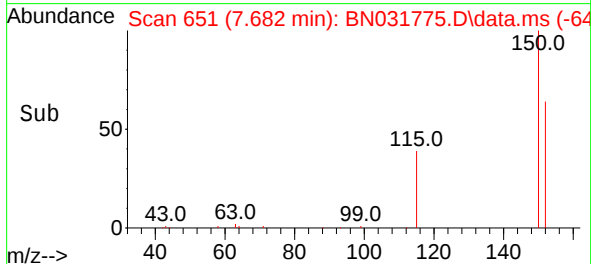


#1
 1,4-Dichlorobenzene-d4
 Concen: 0.400 ng
 RT: 7.682 min Scan# 61
 Delta R.T. -0.036 min
 Lab File: BN031775.D
 Acq: 04 Jun 2024 13:57

Instrument :
 BNA_N
 ClientSampleId :

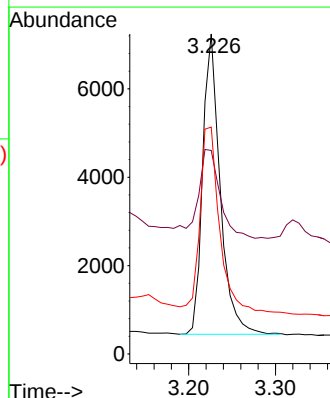
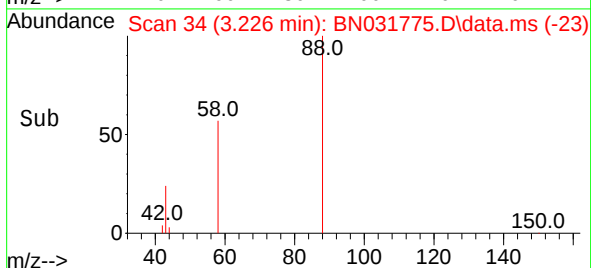
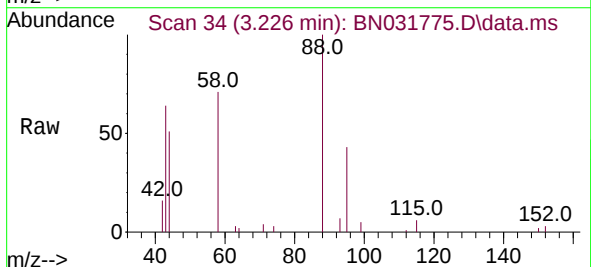


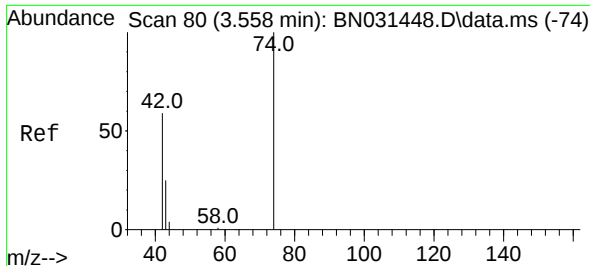
Tgt Ion:152 Resp: 14728
 Ion Ratio Lower Upper
 152 100
 150 154.1 119.3 178.9
 115 62.3 54.8 82.2



#2
 1,4-Dioxane
 Concen: 0.525 ng
 RT: 3.226 min Scan# 34
 Delta R.T. -0.022 min
 Lab File: BN031775.D
 Acq: 04 Jun 2024 13:57

Tgt Ion: 88 Resp: 9513
 Ion Ratio Lower Upper
 88 100
 43 37.8 39.0 58.6#
 58 68.8 54.9 82.3

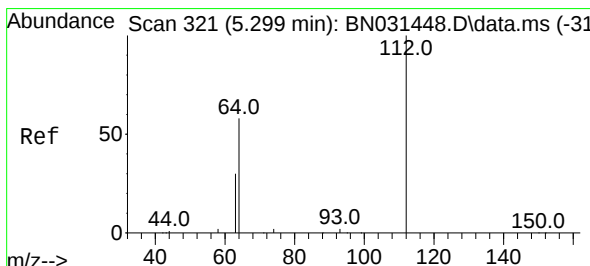
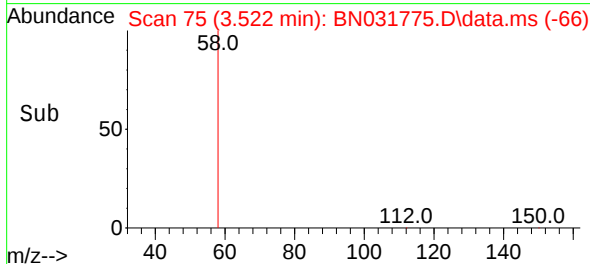
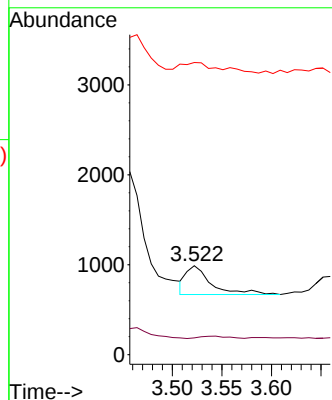
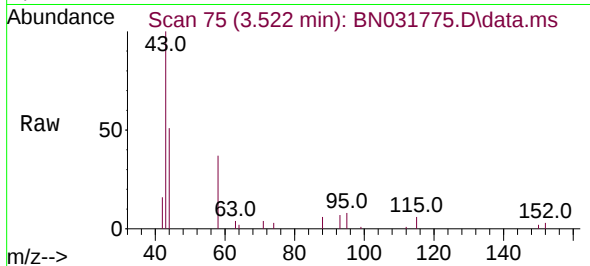




#3
n-Nitrosodimethylamine
Concen: 0.032 ng
RT: 3.522 min Scan# 74
Delta R.T. -0.036 min
Lab File: BN031775.D
Acq: 04 Jun 2024 13:57

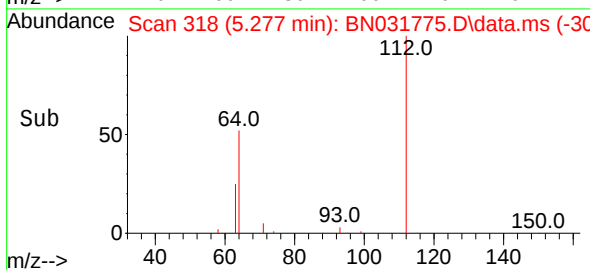
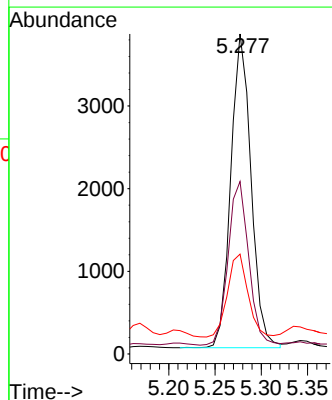
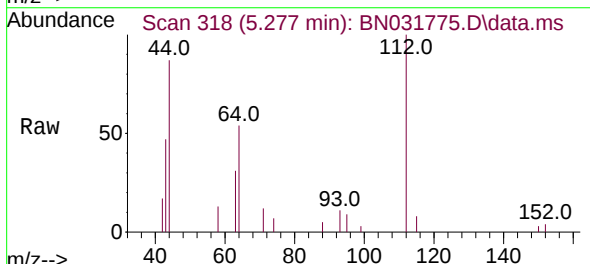
Instrument :
BNA_N
ClientSampleId :

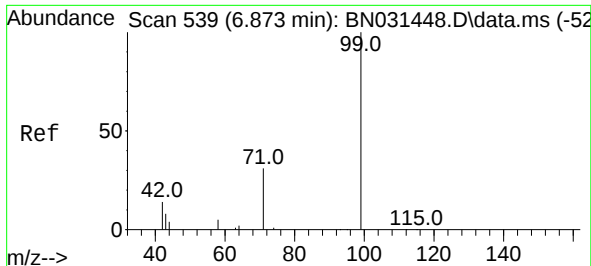
Tgt Ion: 42 Resp: 564
Ion Ratio Lower Upper
42 100
74 0.0 126.4 189.6#
44 54.6 6.9 10.3#



#4
2-Fluorophenol
Concen: 0.138 ng
RT: 5.277 min Scan# 318
Delta R.T. -0.022 min
Lab File: BN031775.D
Acq: 04 Jun 2024 13:57

Tgt Ion: 112 Resp: 5782
Ion Ratio Lower Upper
112 100
64 52.9 44.0 66.0
63 26.6 22.2 33.4





#5

Phenol-d6

Concen: 0.095 ng

RT: 6.851 min Scan# 536

Delta R.T. -0.022 min

Lab File: BN031775.D

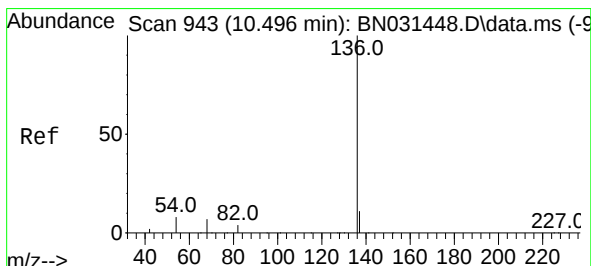
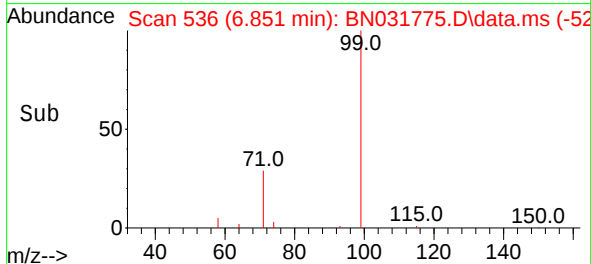
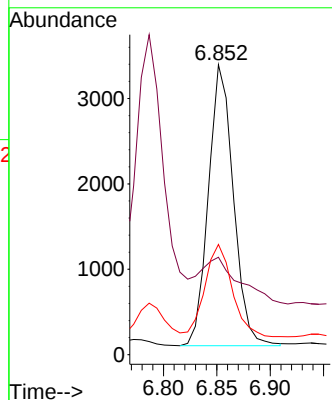
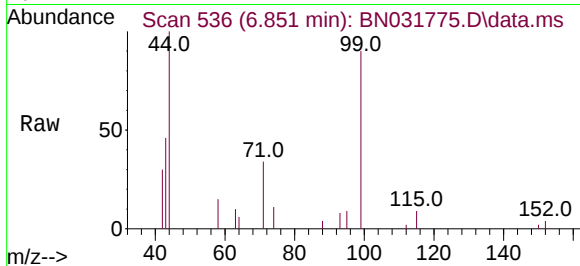
Acq: 04 Jun 2024 13:57

Instrument :

BNA_N

ClientSampleId :

Tgt Ion:	99	Resp:	5358
Ion Ratio	Lower	Upper	
99	100		
42	24.8	13.5	20.3#
71	35.9	26.1	39.1



#7

Naphthalene-d8

Concen: 0.400 ng

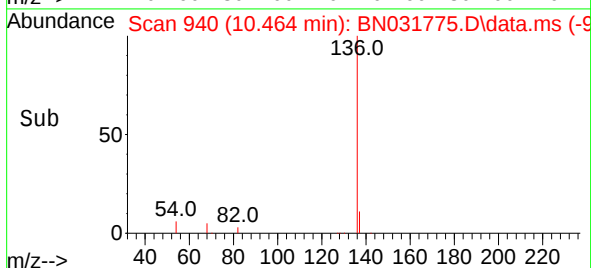
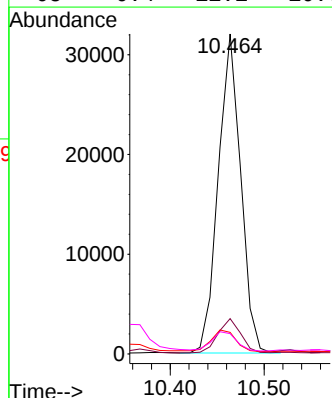
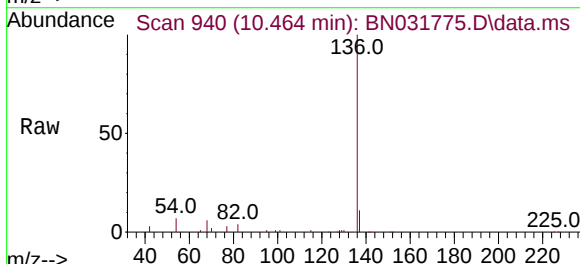
RT: 10.464 min Scan# 940

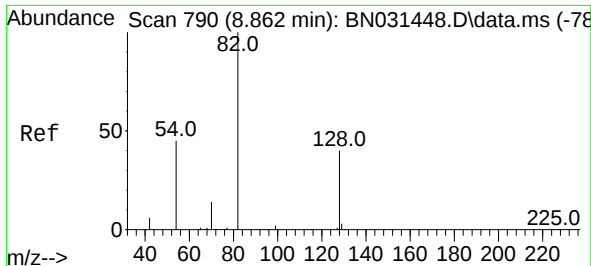
Delta R.T. -0.032 min

Lab File: BN031775.D

Acq: 04 Jun 2024 13:57

Tgt Ion:	136	Resp:	53272
Ion Ratio	Lower	Upper	
136	100		
137	11.1	10.1	15.1
54	6.8	10.5	15.7#
68	6.4	11.1	16.7#

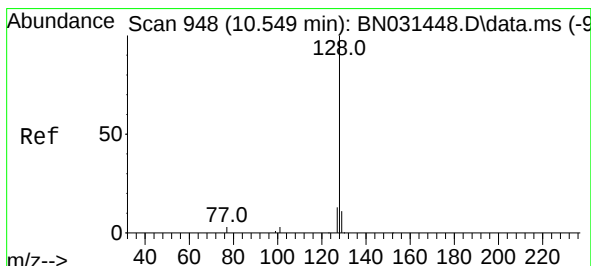
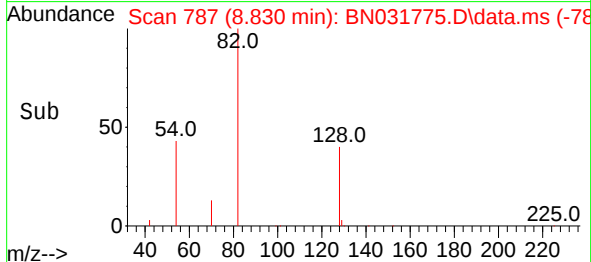
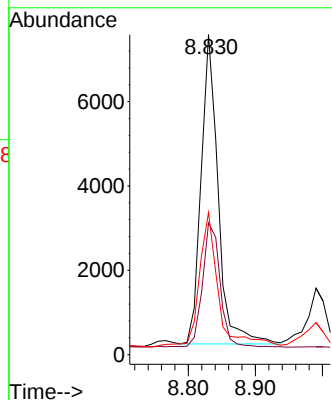
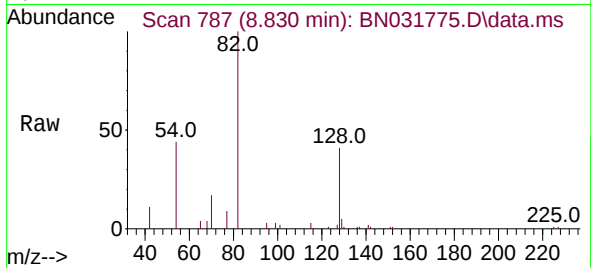




#8
Nitrobenzene-d5
Concen: 0.339 ng
RT: 8.830 min Scan# 71
Delta R.T. -0.032 min
Lab File: BN031775.D
Acq: 04 Jun 2024 13:57

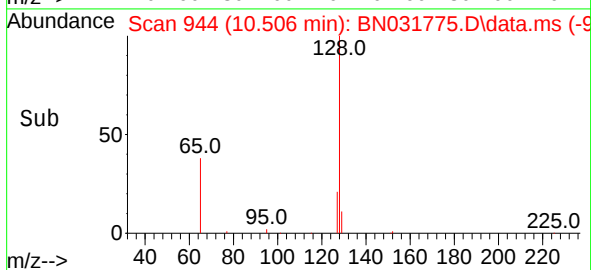
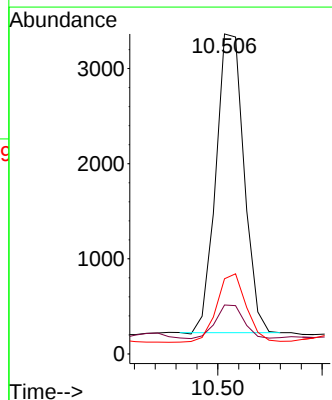
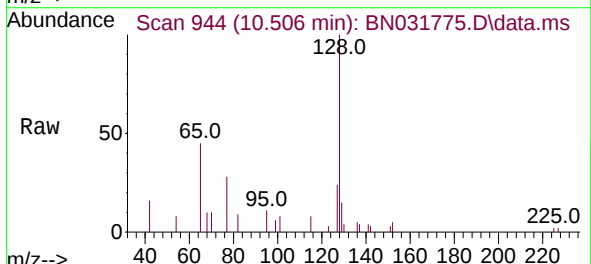
Instrument :
BNA_N
ClientSampleId :

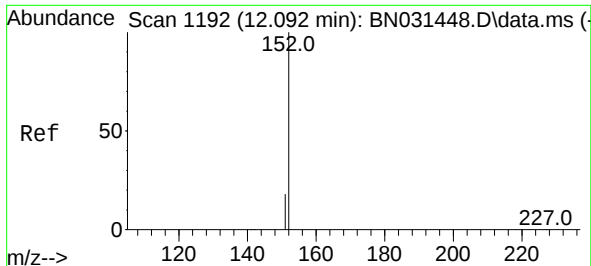
Tgt Ion: 82 Resp: 12968
Ion Ratio Lower Upper
82 100
128 41.2 29.0 43.6
54 44.4 37.2 55.8



#9
Naphthalene
Concen: 0.040 ng
RT: 10.506 min Scan# 944
Delta R.T. -0.043 min
Lab File: BN031775.D
Acq: 04 Jun 2024 13:57

Tgt Ion: 128 Resp: 5872
Ion Ratio Lower Upper
128 100
129 15.3 10.2 15.4
127 23.5 11.7 17.5#





#11

2-Methylnaphthalene-d10

Concen: 0.261 ng

RT: 12.058 min Scan# 1183

Delta R.T. -0.034 min

Lab File: BN031775.D

Acq: 04 Jun 2024 13:57

Instrument :

BNA_N

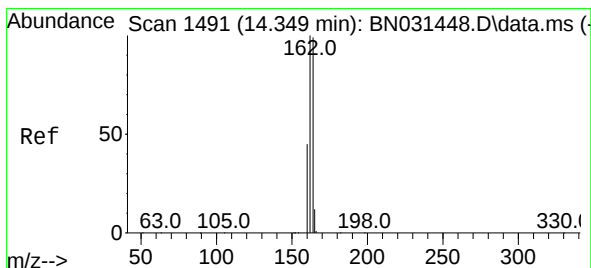
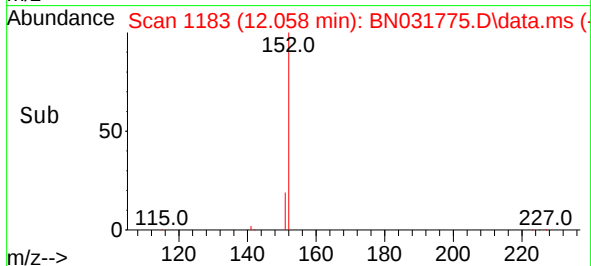
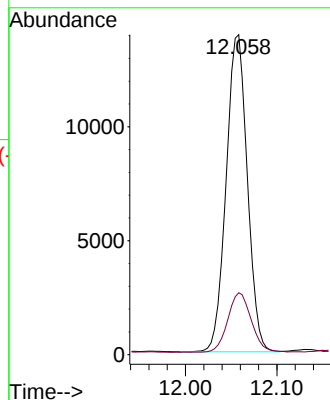
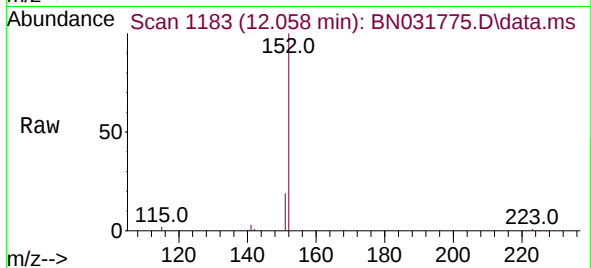
ClientSampleId :

Tgt Ion:152 Resp: 22399

Ion Ratio Lower Upper

152 100

151 20.8 16.6 25.0



#13

Acenaphthene-d10

Concen: 0.400 ng

RT: 14.317 min Scan# 1488

Delta R.T. -0.032 min

Lab File: BN031775.D

Acq: 04 Jun 2024 13:57

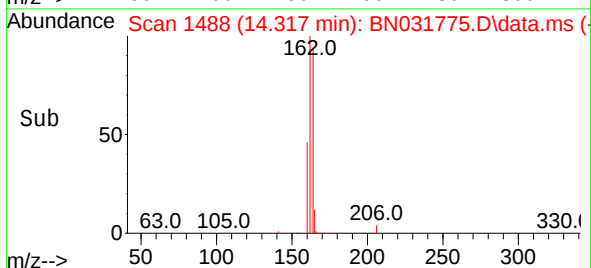
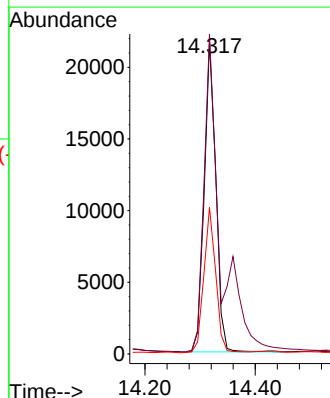
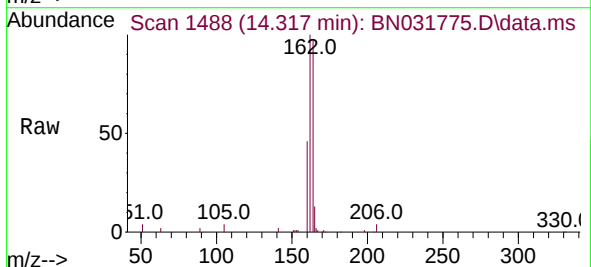
Tgt Ion:164 Resp: 31797

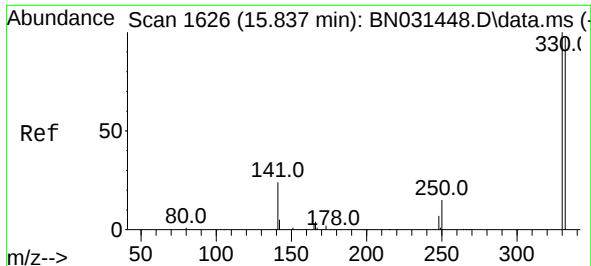
Ion Ratio Lower Upper

164 100

162 102.7 81.2 121.8

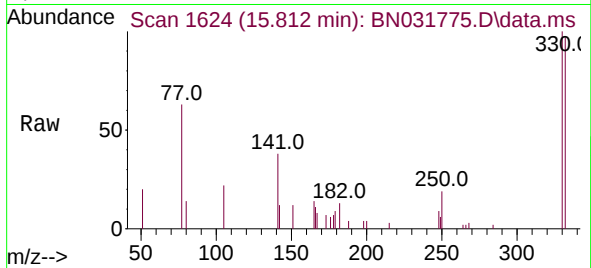
160 47.1 37.0 55.6



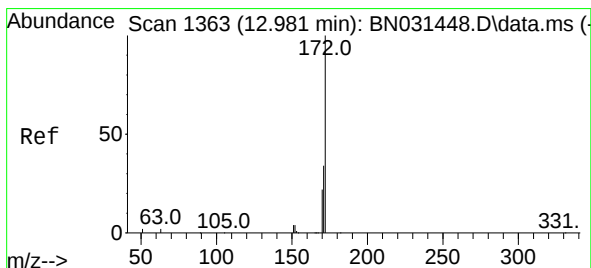
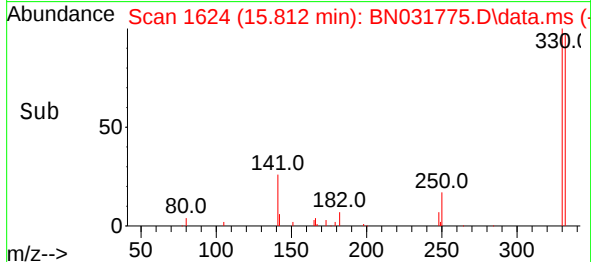
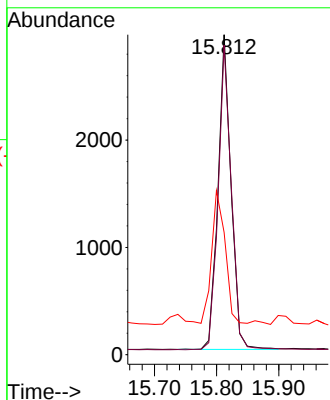


#14
2,4,6-Tribromophenol
Concen: 0.352 ng
RT: 15.812 min Scan# 1
Delta R.T. -0.025 min
Lab File: BN031775.D
Acq: 04 Jun 2024 13:57

Instrument :
BNA_N
ClientSampleId :

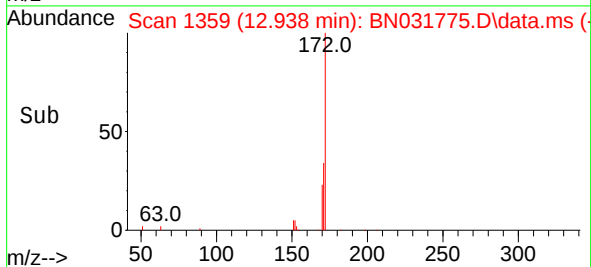
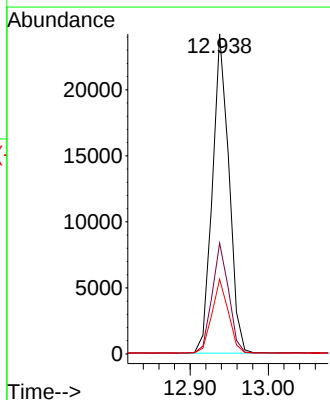
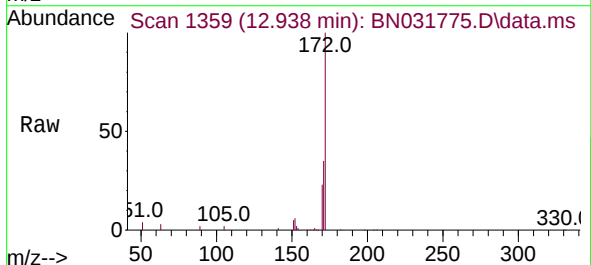


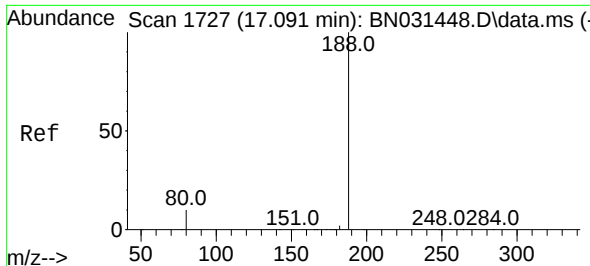
Tgt Ion:330 Resp: 4253
Ion Ratio Lower Upper
330 100
332 97.9 76.6 114.8
141 43.5 37.0 55.4



#15
2-Fluorobiphenyl
Concen: 0.289 ng
RT: 12.938 min Scan# 1359
Delta R.T. -0.043 min
Lab File: BN031775.D
Acq: 04 Jun 2024 13:57

Tgt Ion:172 Resp: 35423
Ion Ratio Lower Upper
172 100
171 34.7 27.8 41.8
170 23.3 18.3 27.5





#19

Phenanthrene-d10

Concen: 0.400 ng

RT: 17.066 min Scan# 1725

Delta R.T. -0.025 min

Lab File: BN031775.D

Acq: 04 Jun 2024 13:57

Instrument :

BNA_N

ClientSampleId :

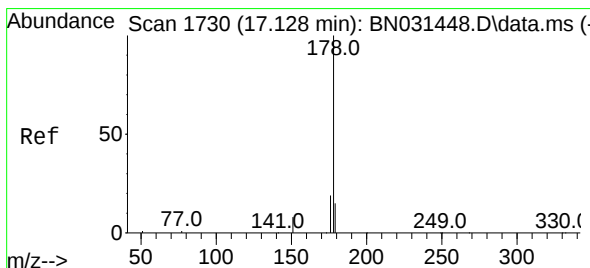
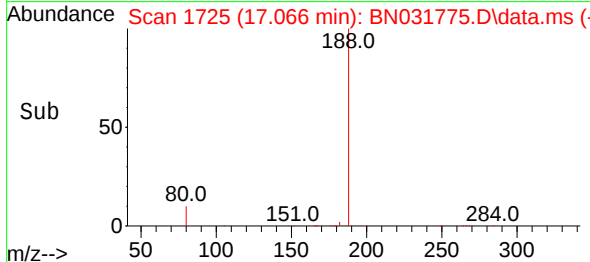
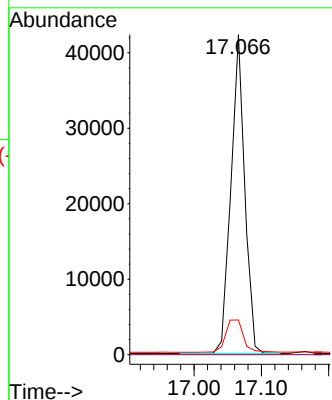
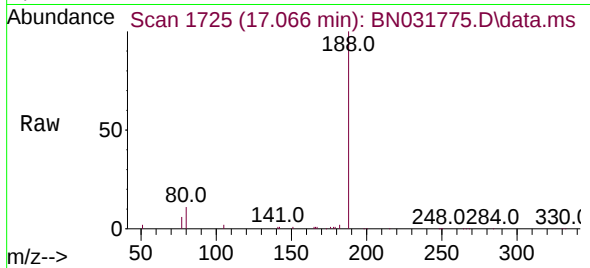
Tgt Ion:188 Resp: 60392

Ion Ratio Lower Upper

188 100

94 0.0 0.0 0.0

80 10.8 9.6 14.4



#25

Phenanthrene

Concen: 0.031 ng

RT: 17.103 min Scan# 1728

Delta R.T. -0.025 min

Lab File: BN031775.D

Acq: 04 Jun 2024 13:57

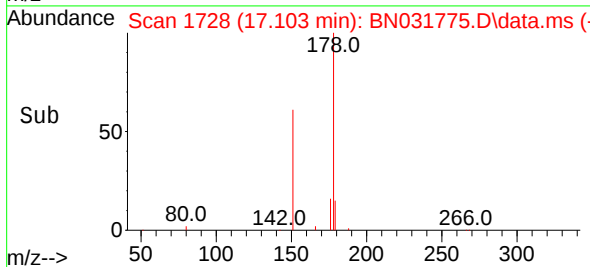
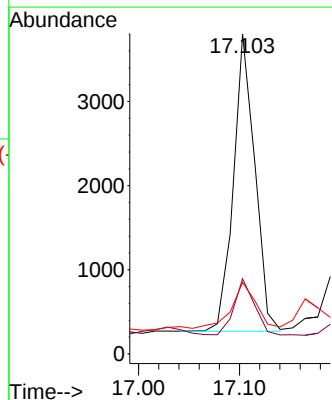
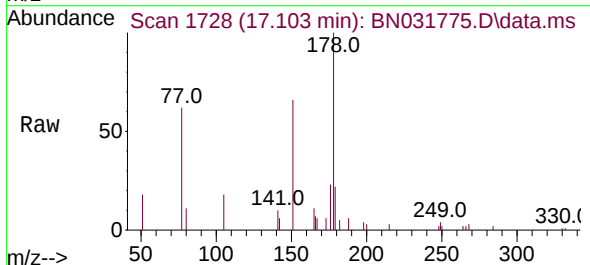
Tgt Ion:178 Resp: 5205

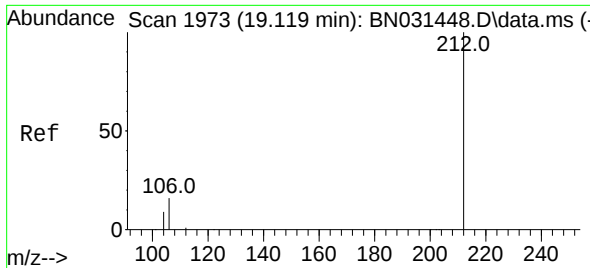
Ion Ratio Lower Upper

178 100

176 17.8 15.3 22.9

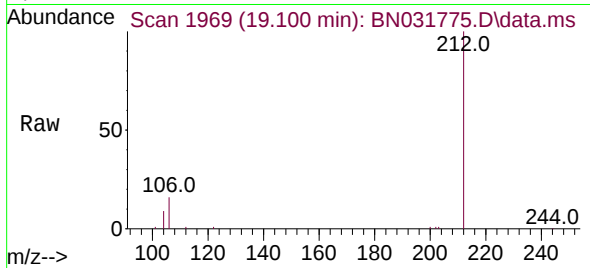
179 16.6 12.3 18.5



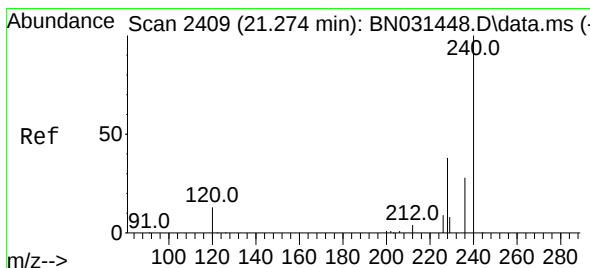
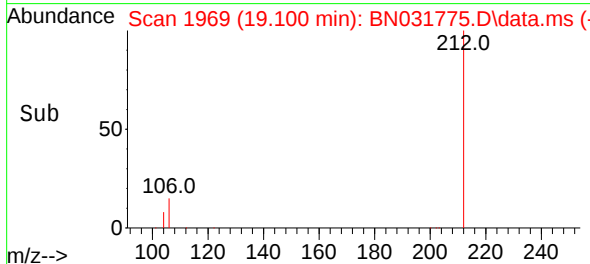
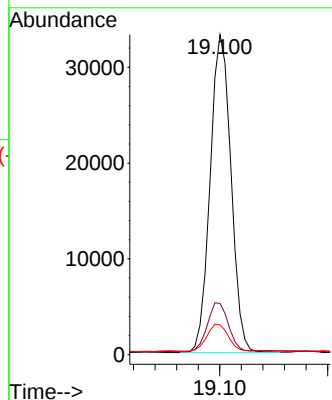


#27
Fluoranthene-d10
Concen: 0.265 ng
RT: 19.100 min Scan# 1969
Delta R.T. -0.019 min
Lab File: BN031775.D
Acq: 04 Jun 2024 13:57

Instrument :
BNA_N
ClientSampleId :

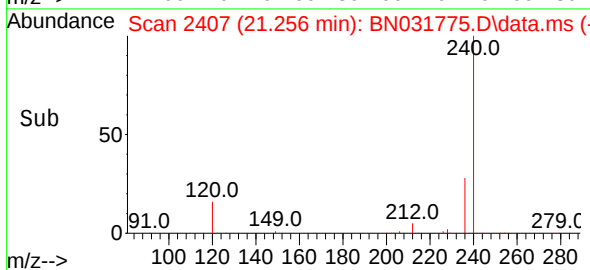
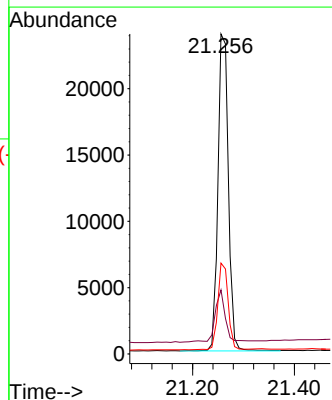
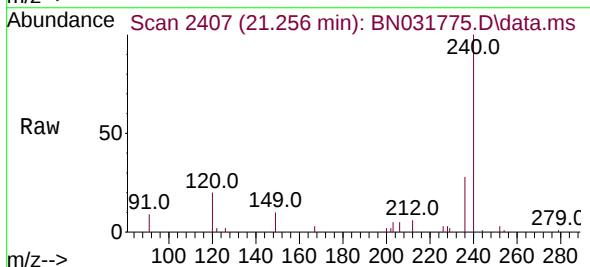


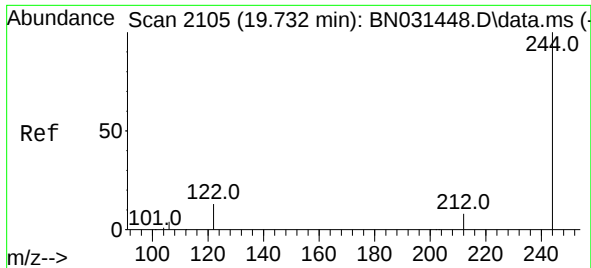
Tgt Ion:212 Resp: 44470
Ion Ratio Lower Upper
212 100
106 15.6 12.0 18.0
104 8.8 6.9 10.3



#29
Chrysene-d12
Concen: 0.400 ng
RT: 21.256 min Scan# 2407
Delta R.T. -0.018 min
Lab File: BN031775.D
Acq: 04 Jun 2024 13:57

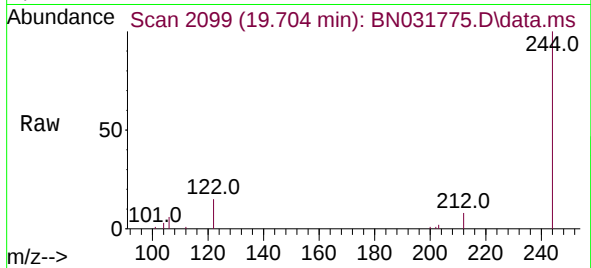
Tgt Ion:240 Resp: 34051
Ion Ratio Lower Upper
240 100
120 20.0 11.4 17.2#
236 28.4 22.2 33.4



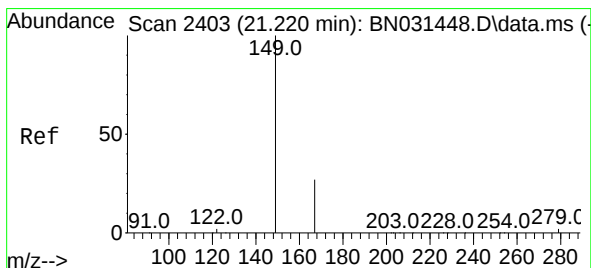
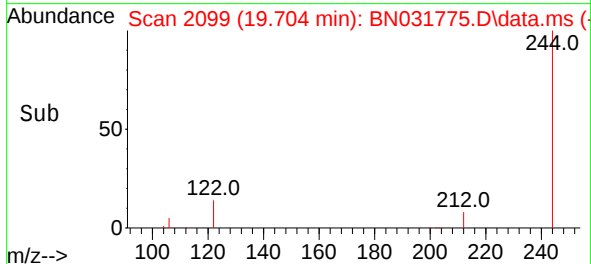
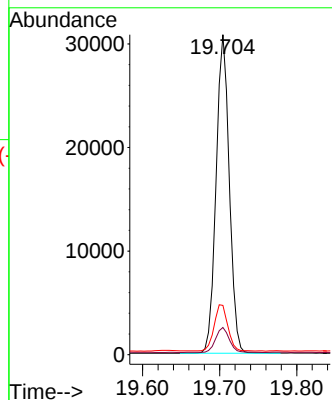


#31
 Terphenyl-d14
 Concen: 0.438 ng
 RT: 19.704 min Scan# 2105
 Delta R.T. -0.028 min
 Lab File: BN031775.D
 Acq: 04 Jun 2024 13:57

Instrument :
 BNA_N
 ClientSampleId :

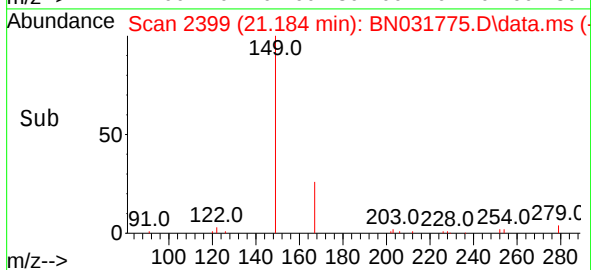
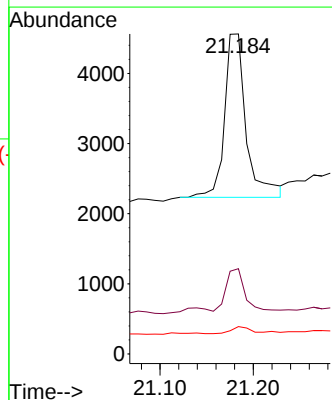
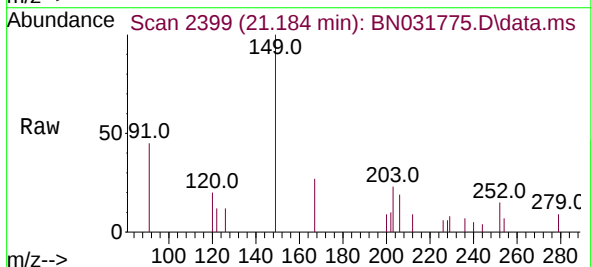


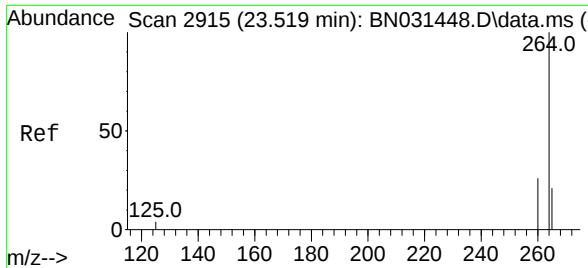
Tgt Ion:244 Resp: 36482
 Ion Ratio Lower Upper
 244 100
 212 8.5 6.5 9.7
 122 15.4 11.4 17.2



#34
 Bis(2-ethylhexyl)phthalate
 Concen: 0.049 ng
 RT: 21.184 min Scan# 2399
 Delta R.T. -0.036 min
 Lab File: BN031775.D
 Acq: 04 Jun 2024 13:57

Tgt Ion:149 Resp: 3753
 Ion Ratio Lower Upper
 149 100
 167 22.2 22.1 33.1
 279 3.8 2.7 4.1





#35
 Perylene-d12
 Concen: 0.400 ng
 RT: 23.496 min Scan# 2907
 Delta R.T. -0.024 min
 Lab File: BN031775.D
 Acq: 04 Jun 2024 13:57

Instrument :
 BNA_N
 ClientSampleId :

Tgt Ion:264 Resp: 33659
 Ion Ratio Lower Upper
 264 100
 260 26.2 20.6 31.0
 265 63.7 24.0 36.0#

