

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN100824\
 Data File : BN034469.D
 Acq On : 08 Oct 2024 13:44
 Operator : RC/JU
 Sample : P4260-02
 Misc :
 ALS Vial : 40 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 TOWER-2

Quant Time: Oct 08 14:10:06 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN091924.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Sep 26 14:44:02 2024
 Response via : Initial Calibration

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

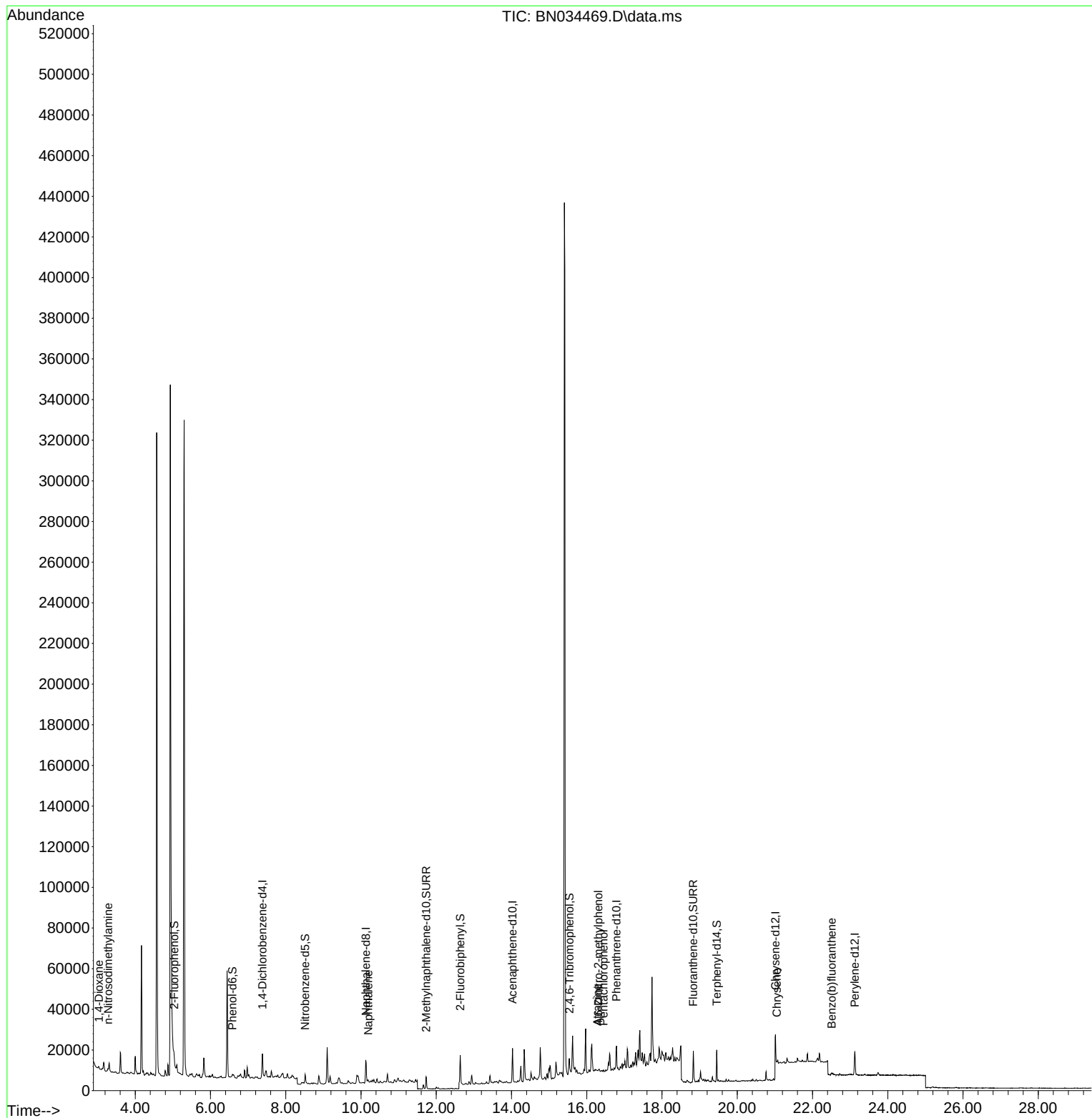
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.380	152	5617	0.400	ng	-0.01
7) Naphthalene-d8	10.127	136	15622	0.400	ng	#-0.02
13) Acenaphthene-d10	14.026	164	9172	0.400	ng	-0.02
19) Phenanthrene-d10	16.790	188	15918	0.400	ng	#-0.01
29) Chrysene-d12	21.015	240	14374	0.400	ng	0.00
35) Perylene-d12	23.122	264	13789	0.400	ng	0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.033	112	2335	0.146	ng	0.00
5) Phenol-d6	6.585	99	1901	0.103	ng	-0.01
8) Nitrobenzene-d5	8.514	82	3915	0.328	ng	-0.02
11) 2-Methylnaphthalene-d10	11.731	152	8231	0.357	ng	-0.02
14) 2,4,6-Tribromophenol	15.537	330	3808	0.916	ng	-0.01
15) 2-Fluorobiphenyl	12.636	172	11239	0.301	ng	-0.02
27) Fluoranthene-d10	18.832	212	16350	0.407	ng	-0.01
31) Terphenyl-d14	19.454	244	13993	0.487	ng	-0.01
Target Compounds						Qvalue
2) 1,4-Dioxane	3.032	88	878	0.125	ng	# 2
3) n-Nitrosodimethylamine	3.278	42	181	0.023	ng	# 1
9) Naphthalene	10.191	128	1283	0.030	ng	# 77
20) 4,6-Dinitro-2-methylph...	16.306	198	211	0.209	ng	# 1
23) Atrazine	16.281	200	304	0.041	ng	# 17
24) Pentachlorophenol	16.443	266	546	0.165	ng	87
33) Chrysene	21.050	228	1510	0.028	ng	# 43
37) Benzo(b)fluoranthene	22.505	252	1286	0.024	ng	# 1

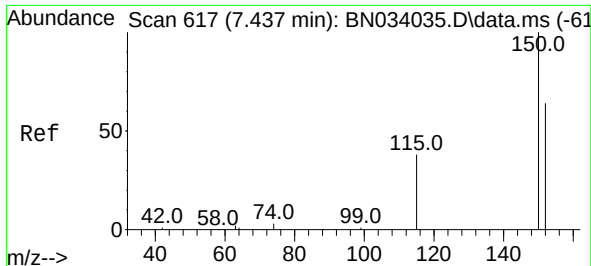
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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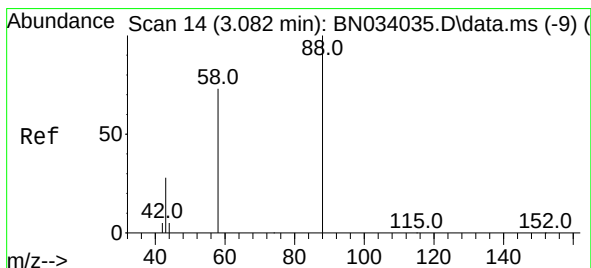
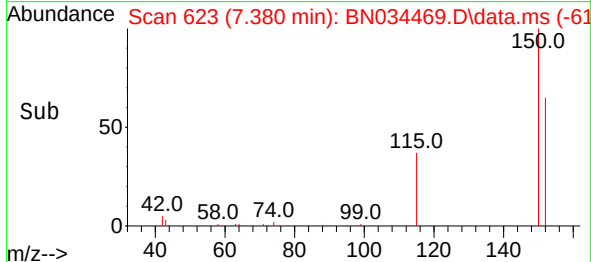
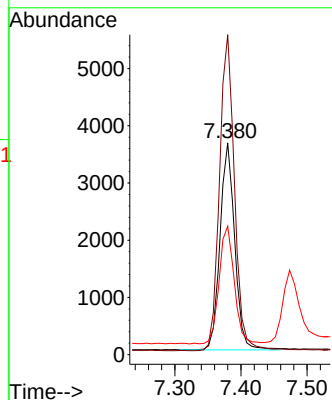
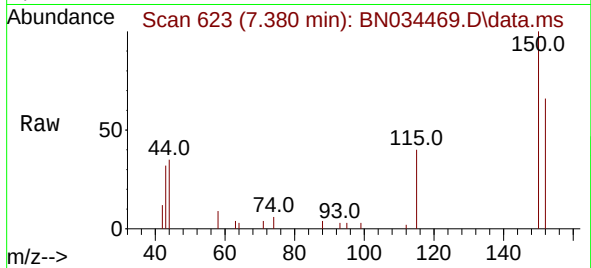




#1
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.380 min Scan# 61
Delta R.T. -0.014 min
Lab File: BN034469.D
Acq: 08 Oct 2024 13:44

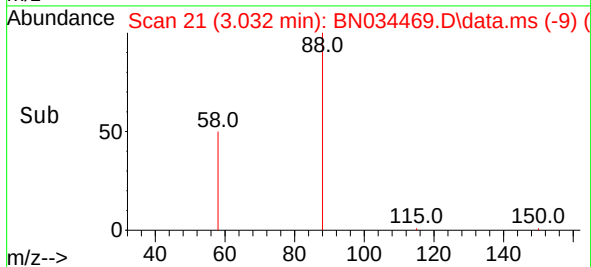
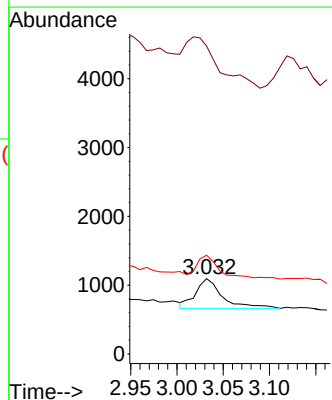
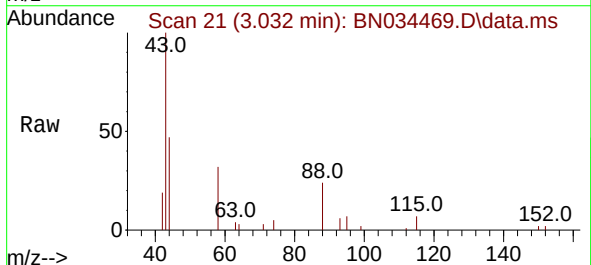
Instrument :
BNA_N
ClientSampleId :
TOWER-2

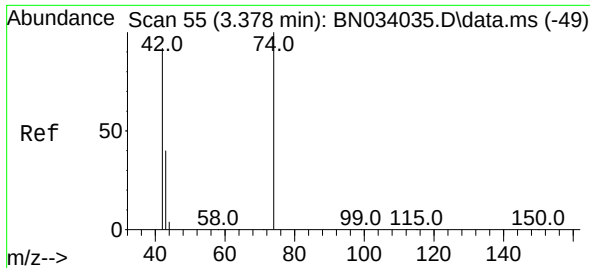
Tgt Ion:152 Resp: 5617
Ion Ratio Lower Upper
152 100
150 151.1 124.6 187.0
115 60.6 50.0 75.0



#2
1,4-Dioxane
Concen: 0.125 ng
RT: 3.032 min Scan# 21
Delta R.T. -0.014 min
Lab File: BN034469.D
Acq: 08 Oct 2024 13:44

Tgt Ion: 88 Resp: 878
Ion Ratio Lower Upper
88 100
43 206.3 25.8 38.8#
58 69.9 58.8 88.2

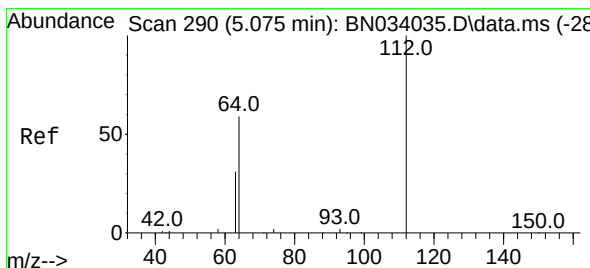
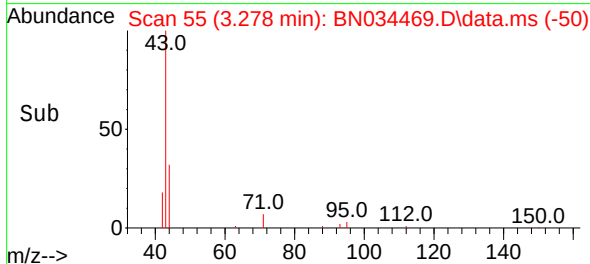
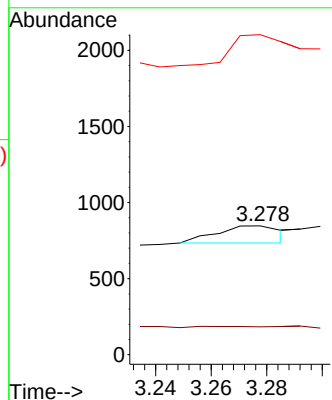
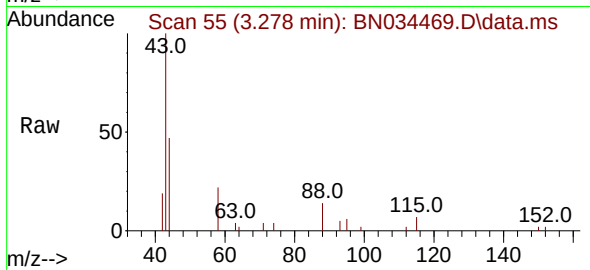




#3
n-Nitrosodimethylamine
Concen: 0.023 ng
RT: 3.278 min Scan# 51
Delta R.T. -0.065 min
Lab File: BN034469.D
Acq: 08 Oct 2024 13:44

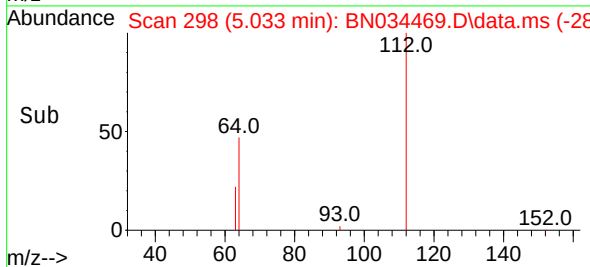
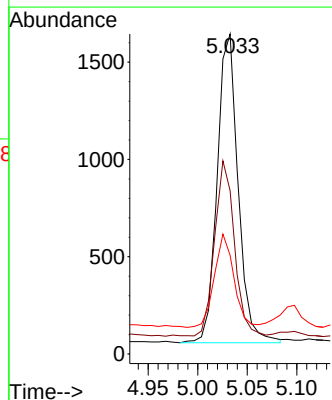
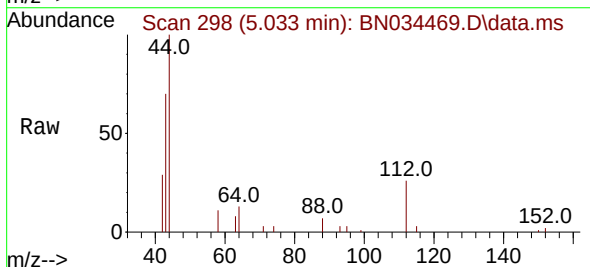
Instrument :
BNA_N
ClientSampleId :
TOWER-2

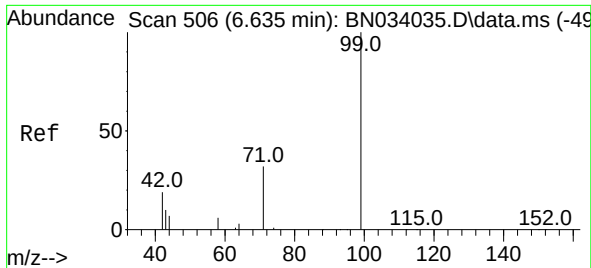
Tgt Ion: 42 Resp: 181
Ion Ratio Lower Upper
42 100
74 14.9 94.6 142.0#
44 411.6 12.4 18.6#



#4
2-Fluorophenol
Concen: 0.146 ng
RT: 5.033 min Scan# 298
Delta R.T. 0.000 min
Lab File: BN034469.D
Acq: 08 Oct 2024 13:44

Tgt Ion: 112 Resp: 2335
Ion Ratio Lower Upper
112 100
64 53.2 48.6 72.8
63 28.2 25.6 38.4

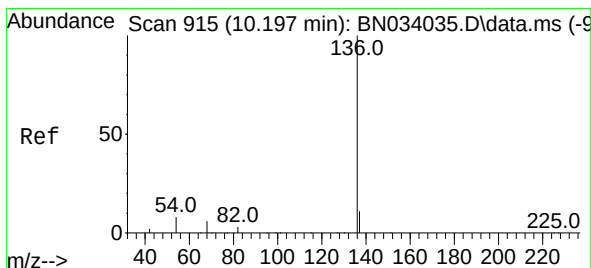
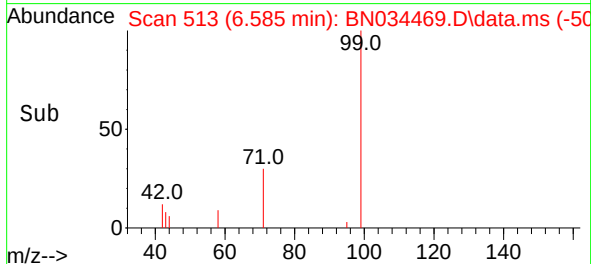
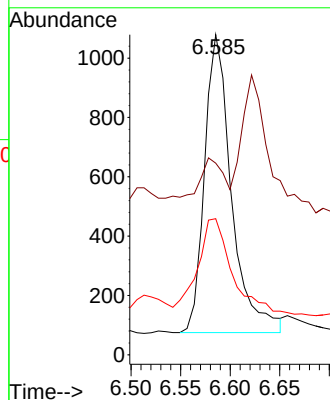
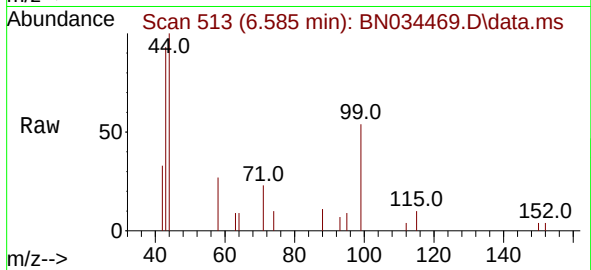




#5
Phenol-d6
Concen: 0.103 ng
RT: 6.585 min Scan# 513
Delta R.T. -0.014 min
Lab File: BN034469.D
Acq: 08 Oct 2024 13:44

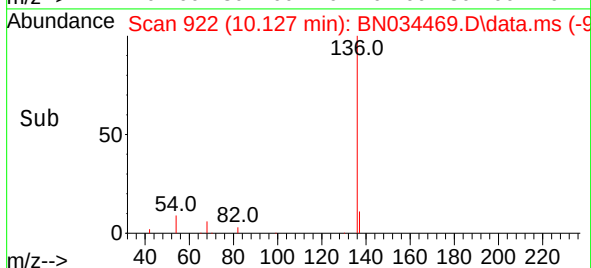
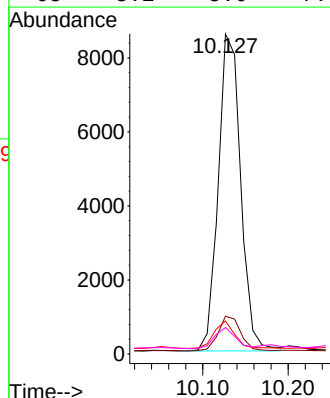
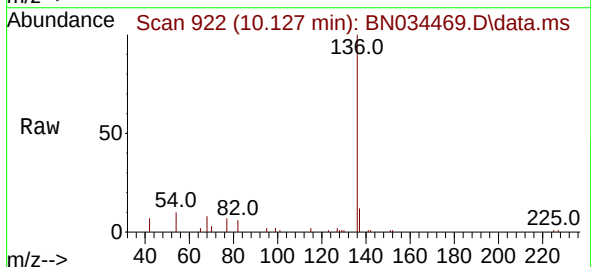
Instrument :
BNA_N
ClientSampleId :
TOWER-2

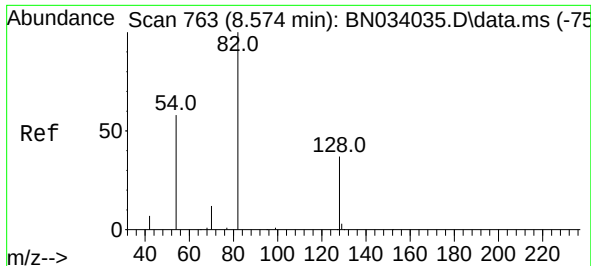
Tgt Ion: 99 Resp: 1901
Ion Ratio Lower Upper
99 100
42 10.3 17.8 26.8#
71 39.1 26.2 39.2



#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.127 min Scan# 922
Delta R.T. -0.021 min
Lab File: BN034469.D
Acq: 08 Oct 2024 13:44

Tgt Ion:136 Resp: 15622
Ion Ratio Lower Upper
136 100
137 11.8 9.0 13.6
54 10.3 6.8 10.2#
68 8.2 5.0 7.6#

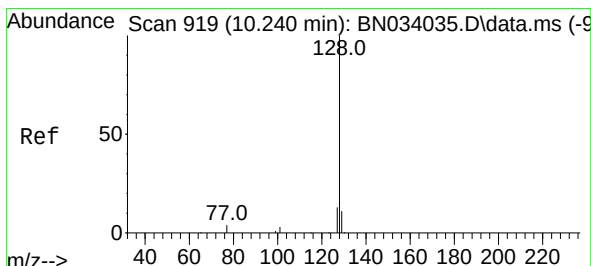
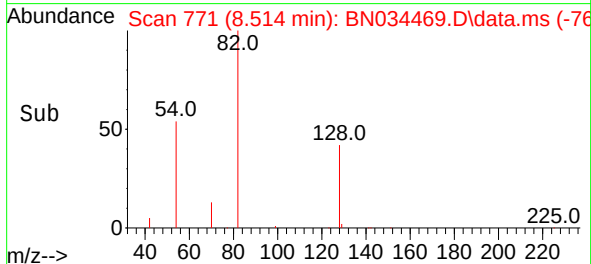
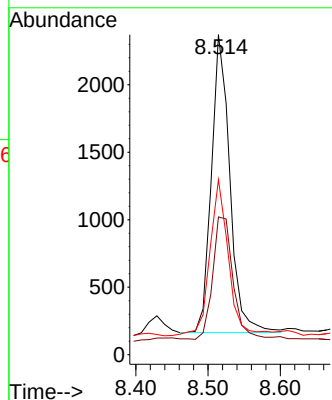
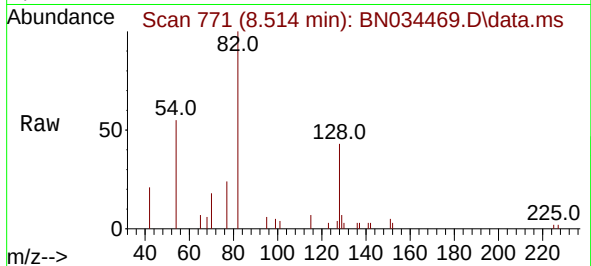




#8
Nitrobenzene-d5
Concen: 0.328 ng
RT: 8.514 min Scan# 71
Delta R.T. -0.021 min
Lab File: BN034469.D
Acq: 08 Oct 2024 13:44

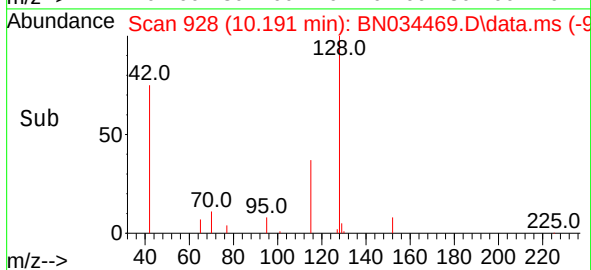
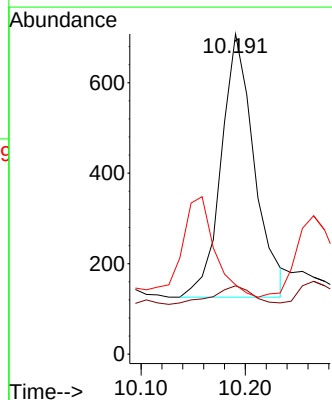
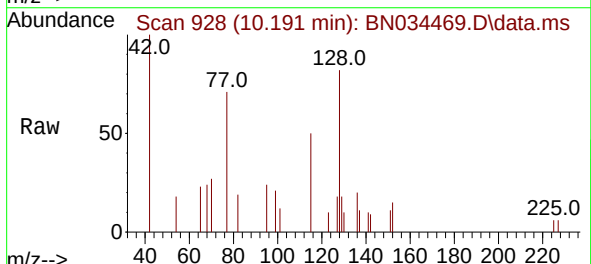
Instrument :
BNA_N
ClientSampleId :
TOWER-2

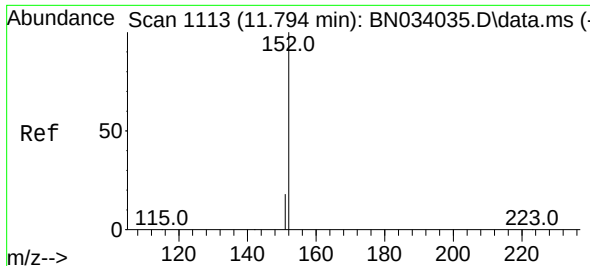
Tgt Ion: 82 Resp: 3915
Ion Ratio Lower Upper
82 100
128 43.1 31.4 47.2
54 54.7 47.4 71.0



#9
Naphthalene
Concen: 0.030 ng
RT: 10.191 min Scan# 928
Delta R.T. -0.011 min
Lab File: BN034469.D
Acq: 08 Oct 2024 13:44

Tgt Ion: 128 Resp: 1283
Ion Ratio Lower Upper
128 100
129 21.3 9.2 13.8#
127 21.6 10.7 16.1#





#11

2-Methylnaphthalene-d10

Concen: 0.357 ng

RT: 11.731 min Scan# 1111

Delta R.T. -0.023 min

Lab File: BN034469.D

Acq: 08 Oct 2024 13:44

Instrument :

BNA_N

ClientSampleId :

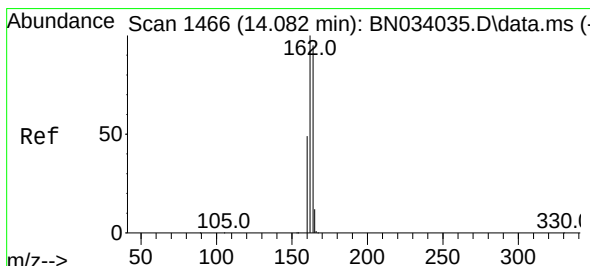
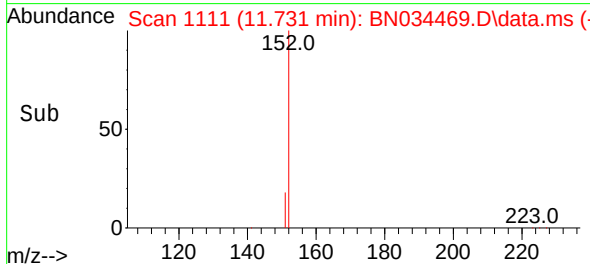
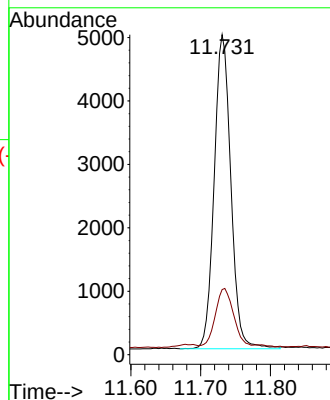
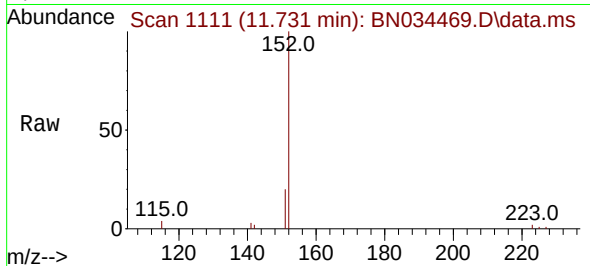
TOWER-2

Tgt Ion:152 Resp: 8231

Ion Ratio Lower Upper

152 100

151 19.8 16.8 25.2



#13

Acenaphthene-d10

Concen: 0.400 ng

RT: 14.026 min Scan# 1475

Delta R.T. -0.021 min

Lab File: BN034469.D

Acq: 08 Oct 2024 13:44

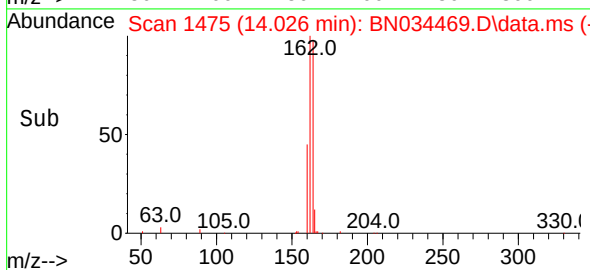
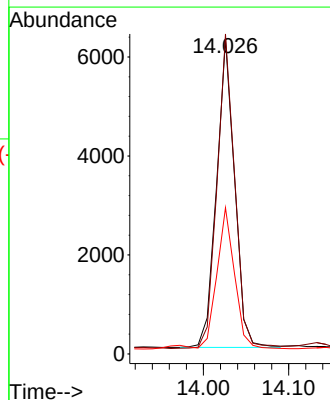
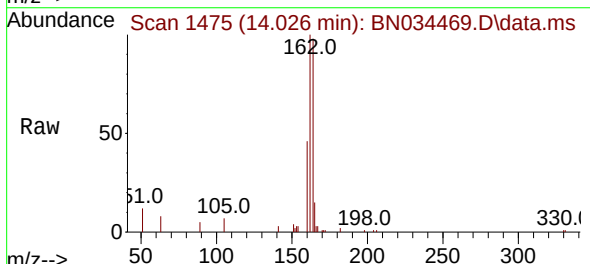
Tgt Ion:164 Resp: 9172

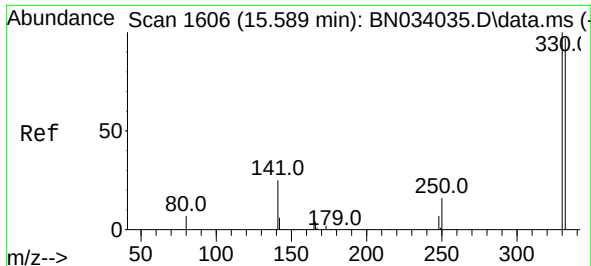
Ion Ratio Lower Upper

164 100

162 101.6 84.2 126.2

160 46.5 41.7 62.5

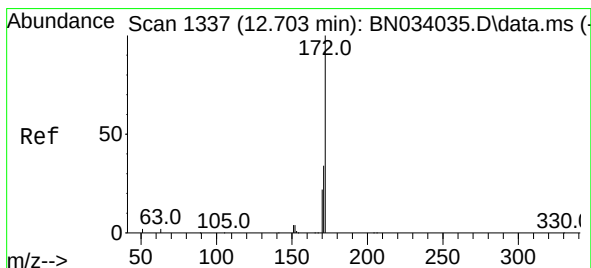
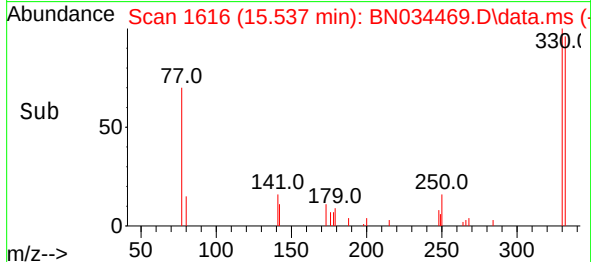
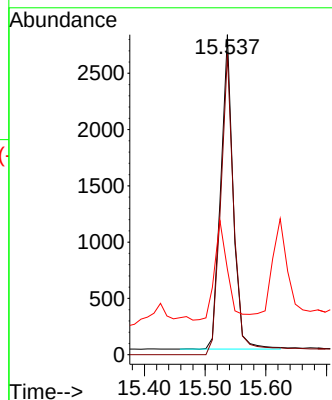
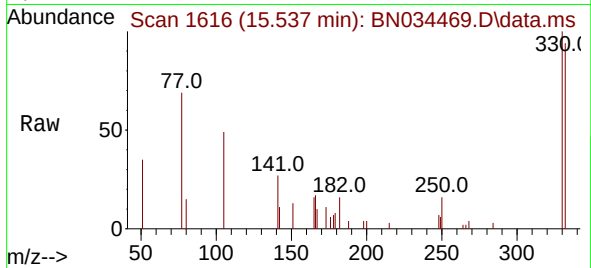




#14
2,4,6-Tribromophenol
Concen: 0.916 ng
RT: 15.537 min Scan# 1
Delta R.T. -0.012 min
Lab File: BN034469.D
Acq: 08 Oct 2024 13:44

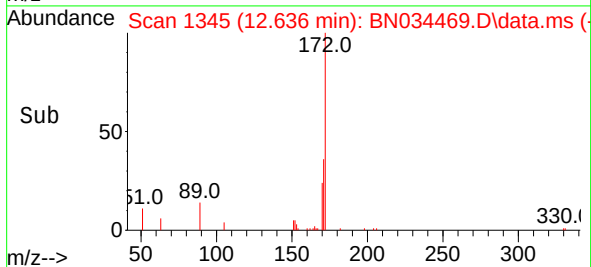
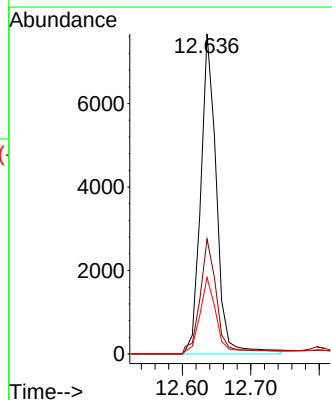
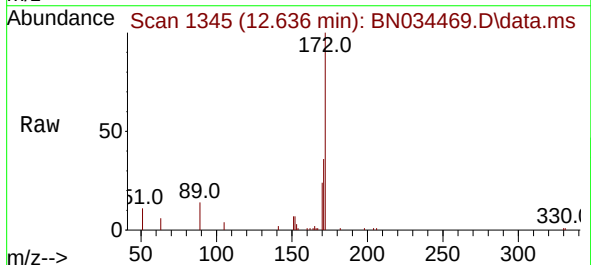
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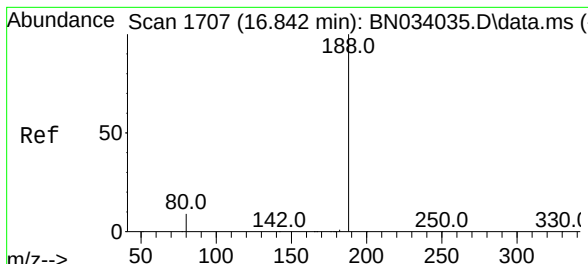
Tgt Ion:330 Resp: 3808
Ion Ratio Lower Upper
330 100
332 106.6 77.4 116.0
141 34.0 35.9 53.9#



#15
2-Fluorobiphenyl
Concen: 0.301 ng
RT: 12.636 min Scan# 1345
Delta R.T. -0.021 min
Lab File: BN034469.D
Acq: 08 Oct 2024 13:44

Tgt Ion:172 Resp: 11239
Ion Ratio Lower Upper
172 100
171 35.9 27.3 40.9
170 23.9 18.1 27.1

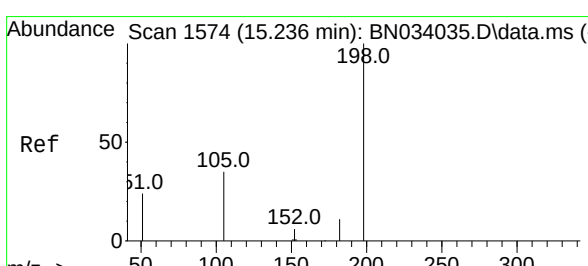
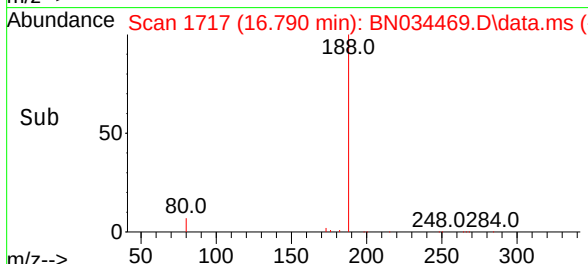
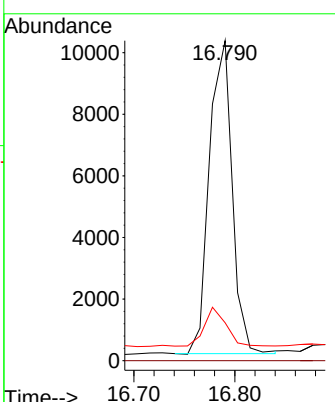
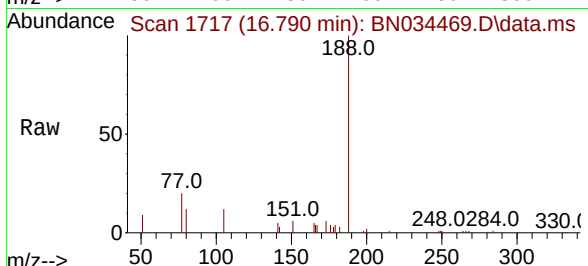




#19
 Phenanthrene-d10
 Concen: 0.400 ng
 RT: 16.790 min Scan# 1678
 Delta R.T. -0.012 min
 Lab File: BN034469.D
 Acq: 08 Oct 2024 13:44

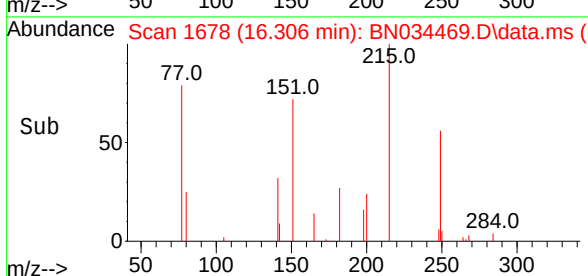
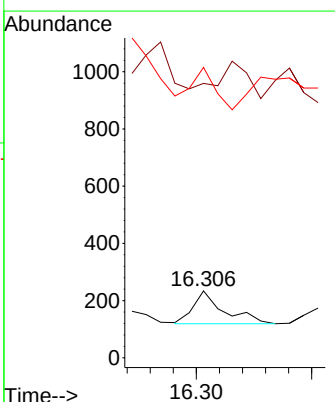
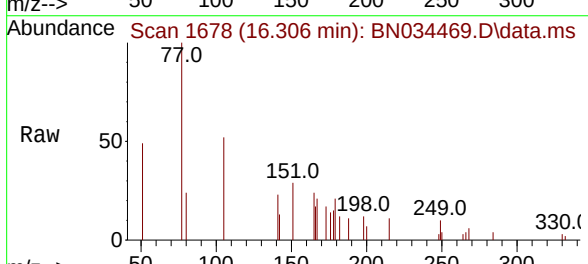
Instrument :
 BNA_N
 ClientSampleId :
 TOWER-2

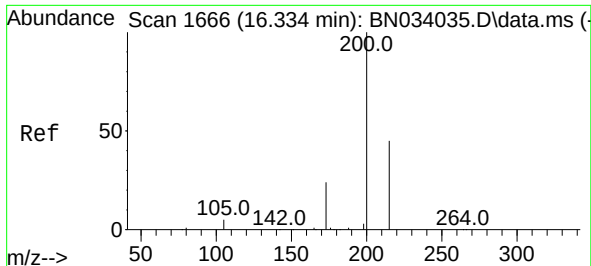
Tgt Ion:	188	Resp:	15918
Ion Ratio	Lower	Upper	
188	100		
94	0.0	0.0	0.0
80	11.8	7.4	11.0



#20
 4,6-Dinitro-2-methylphenol
 Concen: 0.209 ng
 RT: 16.306 min Scan# 1678
 Delta R.T. 0.000 min
 Lab File: BN034469.D
 Acq: 08 Oct 2024 13:44

Tgt Ion:	198	Resp:	211
Ion Ratio	Lower	Upper	
198	100		
51	409.8	106.4	159.6
105	433.8	38.5	57.7





#23

Atrazine

Concen: 0.041 ng

RT: 16.281 min Scan# 1676

Delta R.T. -0.012 min

Lab File: BN034469.D

Acq: 08 Oct 2024 13:44

Instrument :

BNA_N

ClientSampleId :

TOWER-2

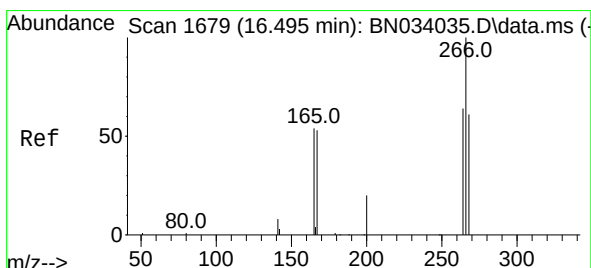
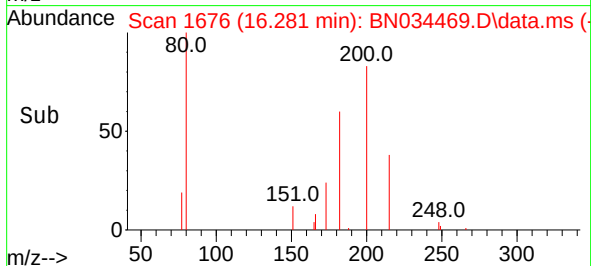
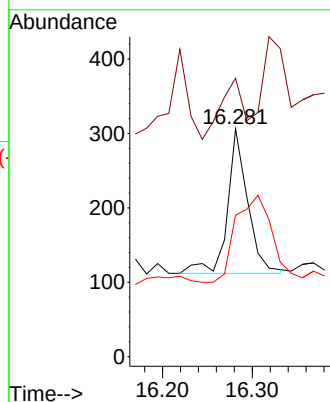
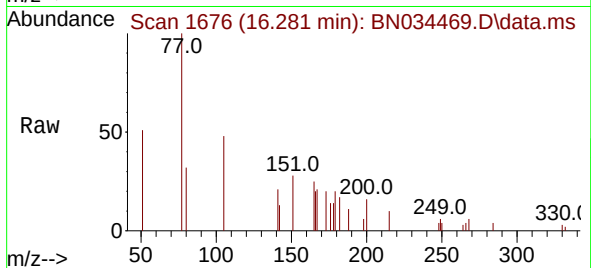
Tgt Ion:200 Resp: 304

Ion Ratio Lower Upper

200 100

173 122.2 20.1 30.1#

215 62.1 37.0 55.6#



#24

Pentachlorophenol

Concen: 0.165 ng

RT: 16.443 min Scan# 1689

Delta R.T. -0.025 min

Lab File: BN034469.D

Acq: 08 Oct 2024 13:44

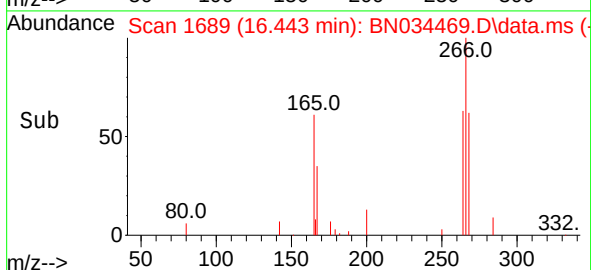
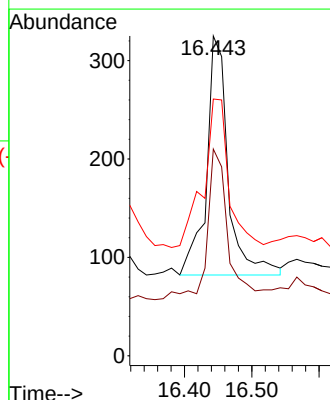
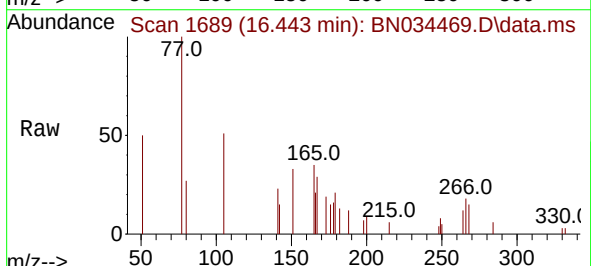
Tgt Ion:266 Resp: 546

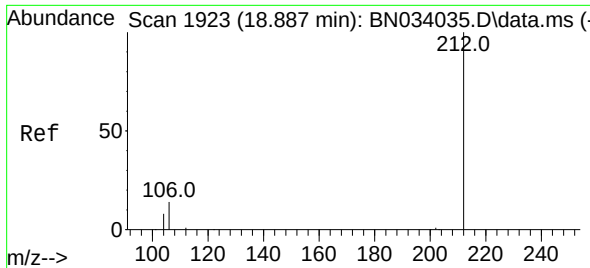
Ion Ratio Lower Upper

266 100

264 50.4 50.2 75.2

268 72.3 51.0 76.4

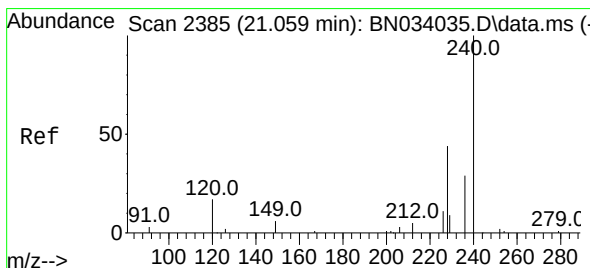
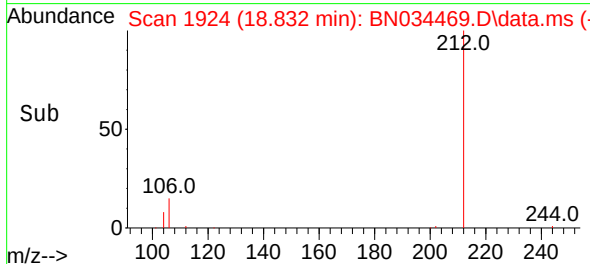
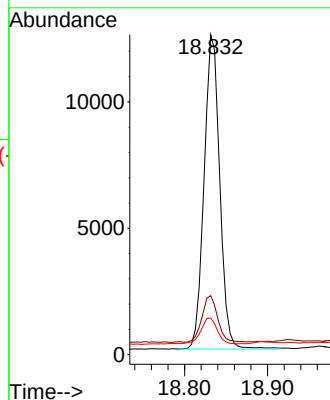
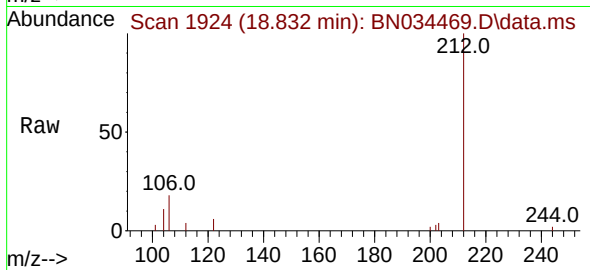




#27
Fluoranthene-d10
Concen: 0.407 ng
RT: 18.832 min Scan# 1924
Delta R.T. -0.014 min
Lab File: BN034469.D
Acq: 08 Oct 2024 13:44

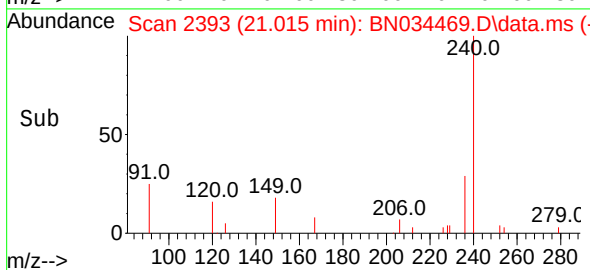
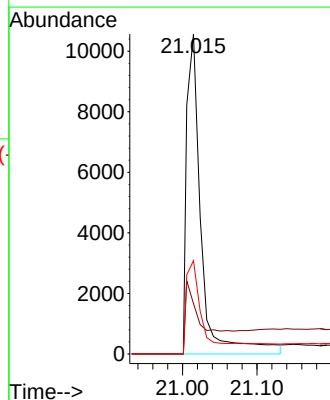
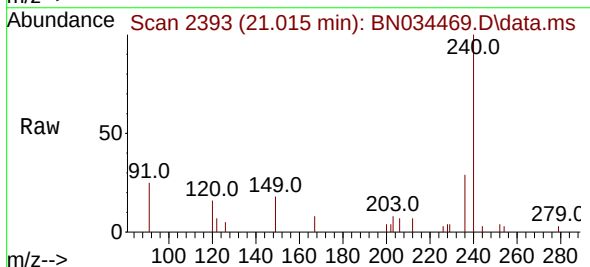
Instrument :
BNA_N
ClientSampleId :
TOWER-2

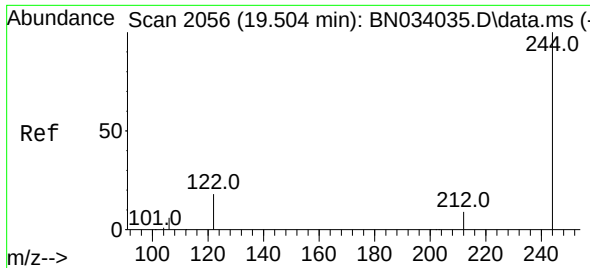
Tgt Ion:212 Resp: 16350
Ion Ratio Lower Upper
212 100
106 15.0 13.4 20.2
104 8.8 7.8 11.6



#29
Chrysene-d12
Concen: 0.400 ng
RT: 21.015 min Scan# 2393
Delta R.T. 0.000 min
Lab File: BN034469.D
Acq: 08 Oct 2024 13:44

Tgt Ion:240 Resp: 14374
Ion Ratio Lower Upper
240 100
120 15.8 13.5 20.3
236 29.1 23.4 35.0

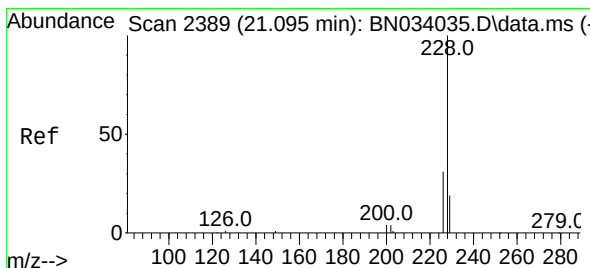
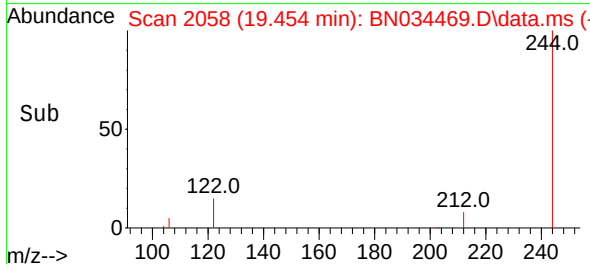
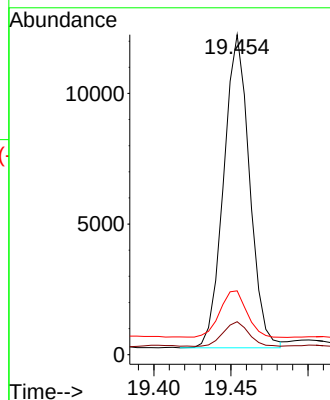
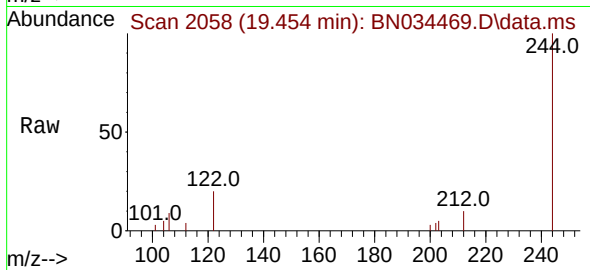




#31
 Terphenyl-d14
 Concen: 0.487 ng
 RT: 19.454 min Scan# 2056
 Delta R.T. -0.014 min
 Lab File: BN034469.D
 Acq: 08 Oct 2024 13:44

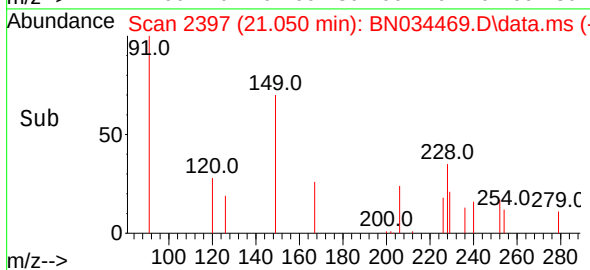
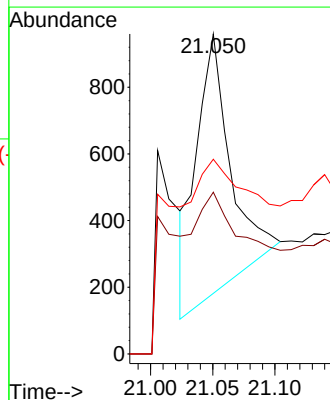
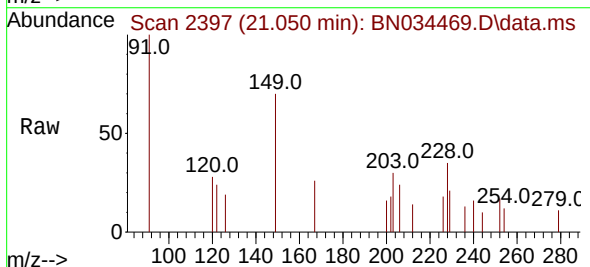
Instrument :
 BNA_N
 ClientSampleId :
 TOWER-2

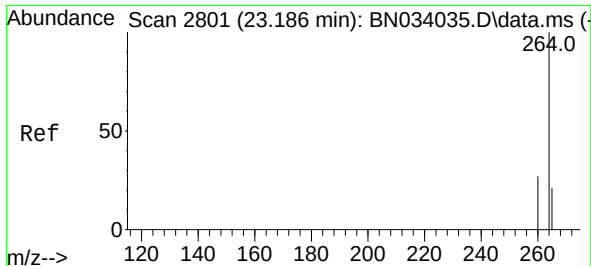
Tgt Ion:244 Resp: 13993
 Ion Ratio Lower Upper
 244 100
 212 10.3 7.8 11.6
 122 20.0 14.8 22.2



#33
 Chrysene
 Concen: 0.028 ng
 RT: 21.050 min Scan# 2397
 Delta R.T. 0.000 min
 Lab File: BN034469.D
 Acq: 08 Oct 2024 13:44

Tgt Ion:228 Resp: 1510
 Ion Ratio Lower Upper
 228 100
 226 50.5 24.6 37.0#
 229 60.8 15.5 23.3#





#35

Perylene-d12

Concen: 0.400 ng

RT: 23.122 min Scan# 21

Delta R.T. -0.006 min

Lab File: BN034469.D

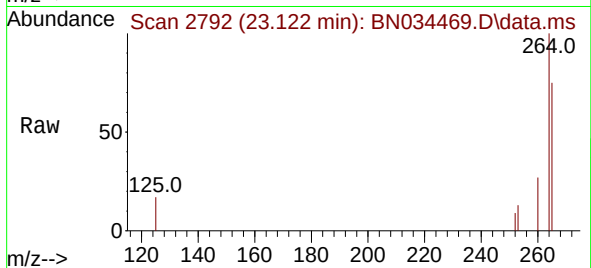
Acq: 08 Oct 2024 13:44

Instrument :

BNA_N

ClientSampleId :

TOWER-2



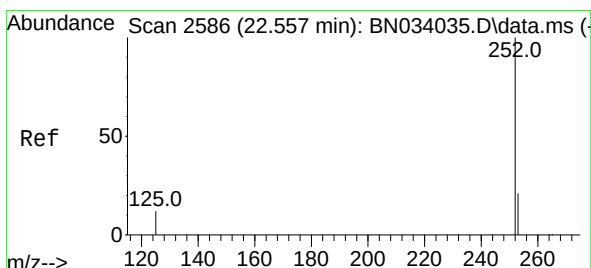
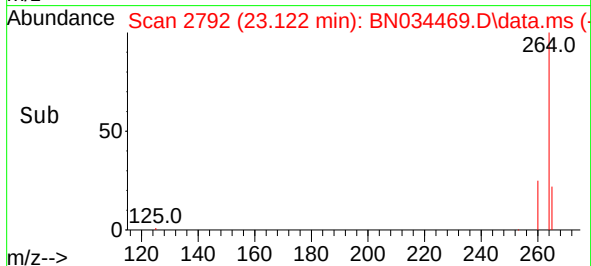
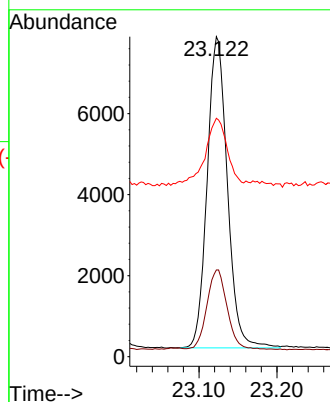
Tgt Ion:264 Resp: 13789

Ion Ratio Lower Upper

264 100

260 27.1 21.7 32.5

265 74.5 52.1 78.1



#37

Benzo(b)fluoranthene

Concen: 0.024 ng

RT: 22.505 min Scan# 2581

Delta R.T. -0.003 min

Lab File: BN034469.D

Acq: 08 Oct 2024 13:44

Tgt Ion:252 Resp: 1286

Ion Ratio Lower Upper

252 100

253 86.2 19.6 29.4#

125 99.8 13.8 20.8#

