

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN101424\
 Data File : BN034585.D
 Acq On : 14 Oct 2024 23:31
 Operator : RC/JU
 Sample : P4267-01RE
 Misc :
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 BPOW6-11-HYD-20241001RE

Quant Time: Oct 15 00:07:16 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN101424.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Oct 14 17:52:02 2024
 Response via : Initial Calibration

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

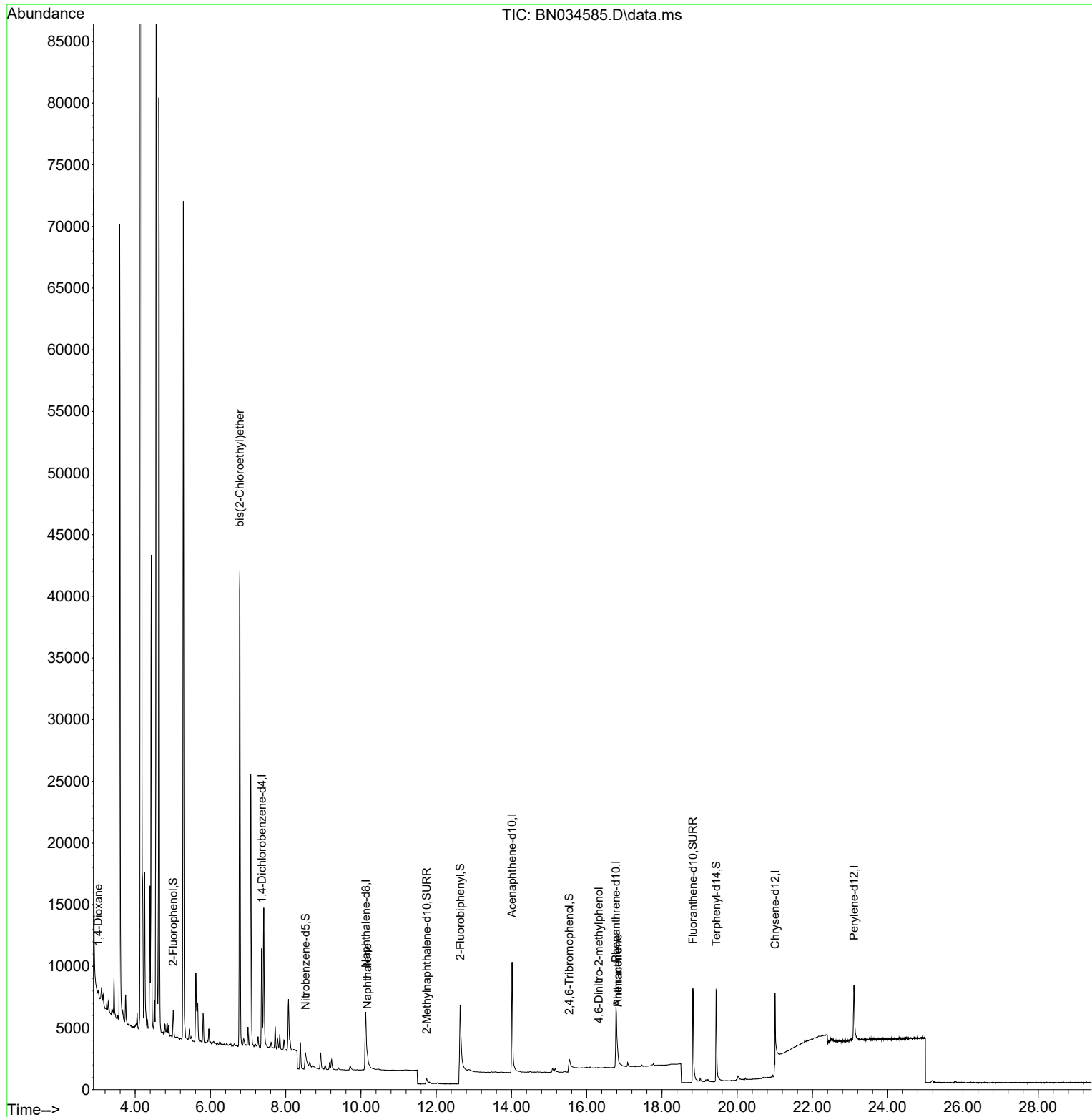
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.366	152	4163	0.400	ng	0.00
7) Naphthalene-d8	10.127	136	11428	0.400	ng	0.01
13) Acenaphthene-d10	14.015	164	6745	0.400	ng	0.00
19) Phenanthrene-d10	16.778	188	11809	0.400	ng	# 0.00
29) Chrysene-d12	21.006	240	4859	0.400	ng	0.00
35) Perylene-d12	23.105	264	7116	0.400	ng	# 0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.011	112	1345	0.119	ng	0.00
5) Phenol-d6	6.557	99	3	0.000	ng	0.00
8) Nitrobenzene-d5	8.525	82	2524	0.339	ng	0.01
11) 2-Methylnaphthalene-d10	11.742	152	1206	0.070	ng	0.02
14) 2,4,6-Tribromophenol	15.537	330	743	0.249	ng	0.00
15) 2-Fluorobiphenyl	12.636	172	8477	0.364	ng	0.00
27) Fluoranthene-d10	18.822	212	11564	0.403	ng	0.00
31) Terphenyl-d14	19.445	244	9811	0.473	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	3.018	88	286	0.057	ng	# 17
6) bis(2-Chloroethyl)ether	6.781	93	26449	2.764	ng	# 40
9) Naphthalene	10.169	128	807	0.027	ng	# 62
20) 4,6-Dinitro-2-methylph...	16.319	198	7	0.043	ng	# 63
25) Phenanthrene	16.828	178	661	0.021	ng	# 94
26) Anthracene	16.828	178	635	0.023	ng	96

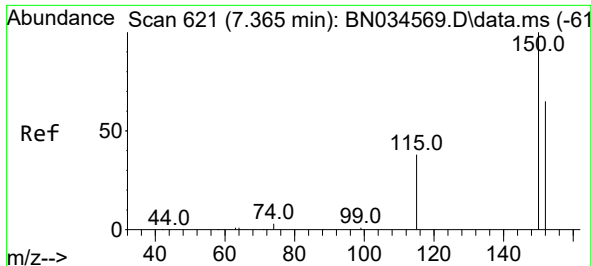
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN101424\
Data File : BN034585.D
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BNA_N
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BPOW6-11-HYD-20241001RE

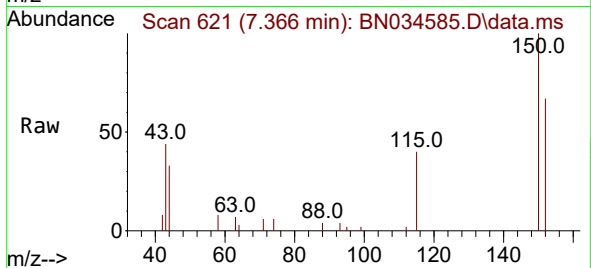
Quant Time: Oct 15 00:07:16 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN101424.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Oct 14 17:52:02 2024
Response via : Initial Calibration



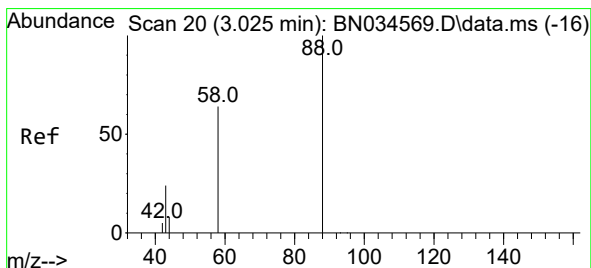
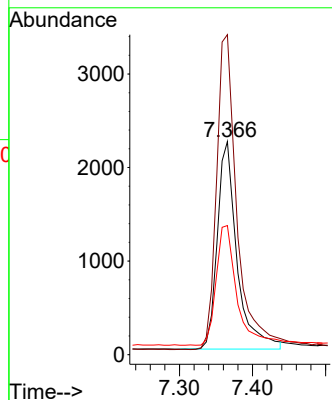
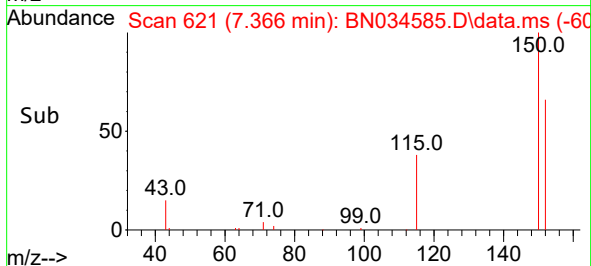


#1
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.366 min Scan# 61
Delta R.T. 0.001 min
Lab File: BN034585.D
Acq: 14 Oct 2024 23:31

Instrument :
BNA_N
ClientSampleId :
BPOW6-11-HYD-20241001RE

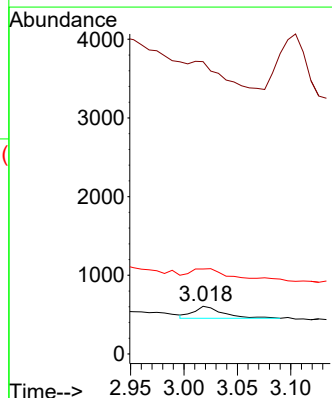
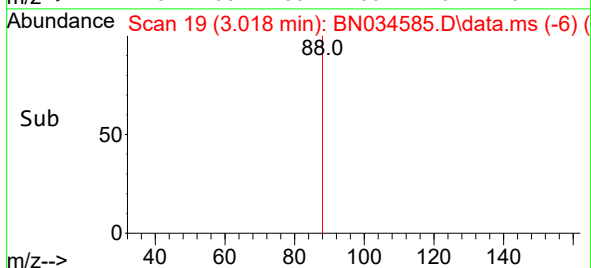
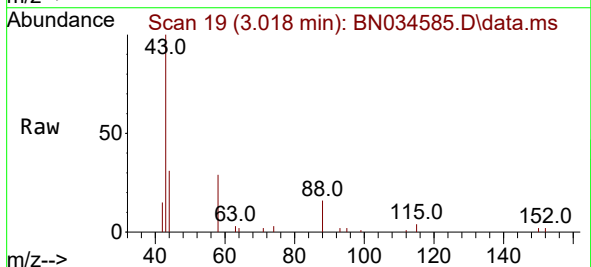


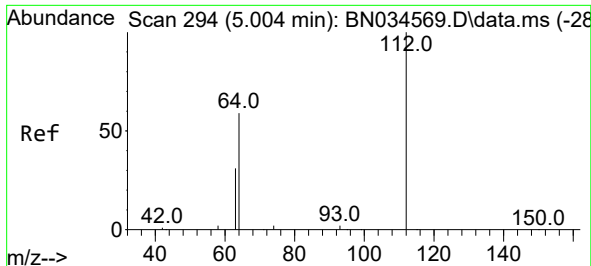
Tgt Ion:152 Resp: 4163
Ion Ratio Lower Upper
152 100
150 150.1 122.0 183.0
115 60.5 48.3 72.5



#2
1,4-Dioxane
Concen: 0.057 ng
RT: 3.018 min Scan# 19
Delta R.T. -0.007 min
Lab File: BN034585.D
Acq: 14 Oct 2024 23:31

Tgt Ion: 88 Resp: 286
Ion Ratio Lower Upper
88 100
43 0.0 22.8 34.2#
58 148.3 56.4 84.6#

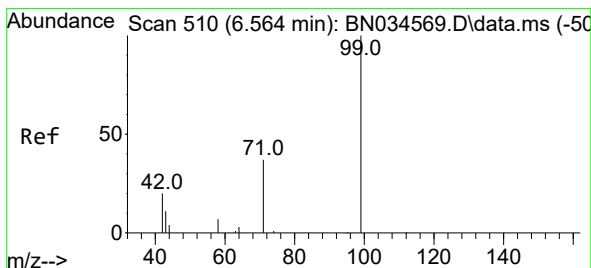
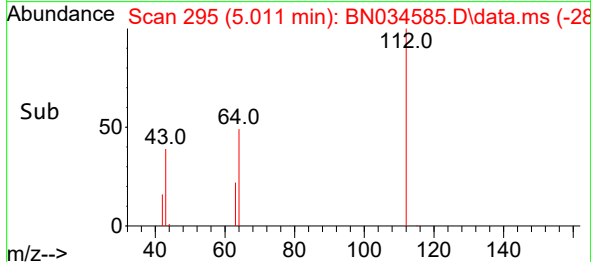
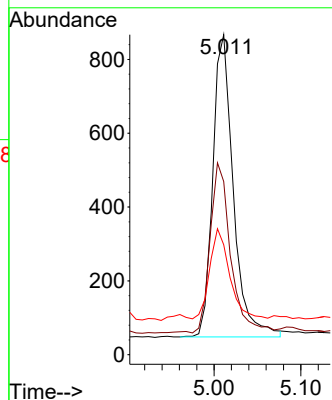
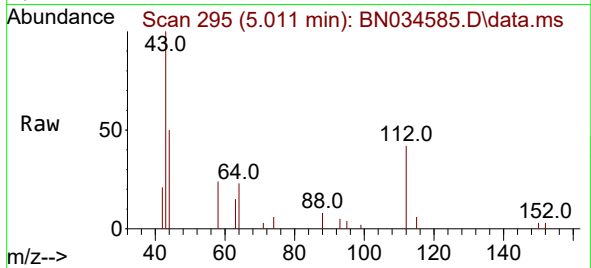




#4
2-Fluorophenol
Concen: 0.119 ng
RT: 5.011 min Scan# 294
Delta R.T. 0.007 min
Lab File: BN034585.D
Acq: 14 Oct 2024 23:31

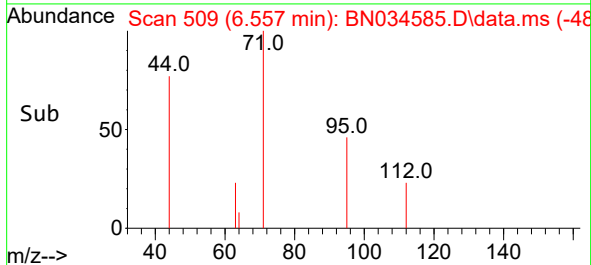
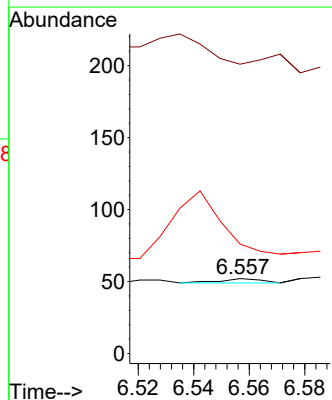
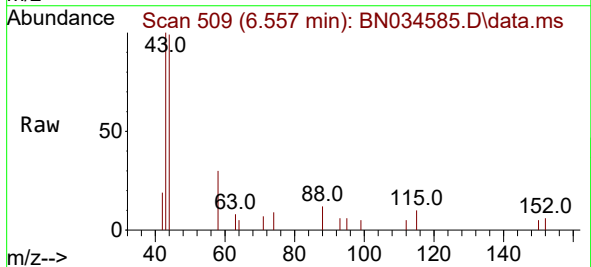
Instrument :
BNA_N
ClientSampleId :
BPOW6-11-HYD-20241001RE

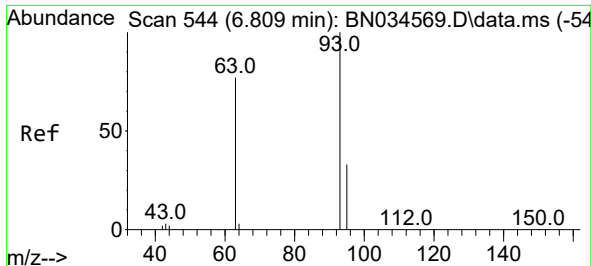
Tgt Ion:112 Resp: 1345
Ion Ratio Lower Upper
112 100
64 57.1 44.6 66.8
63 29.0 23.8 35.6



#5
Phenol-d6
Concen: 0.000 ng
RT: 6.557 min Scan# 509
Delta R.T. -0.007 min
Lab File: BN034585.D
Acq: 14 Oct 2024 23:31

Tgt Ion: 99 Resp: 3
Ion Ratio Lower Upper
99 100
42 0.0 15.0 22.6#
71 0.0 28.0 42.0#

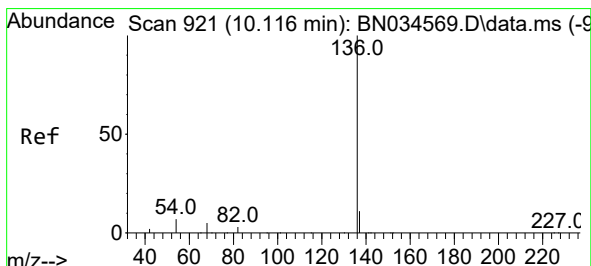
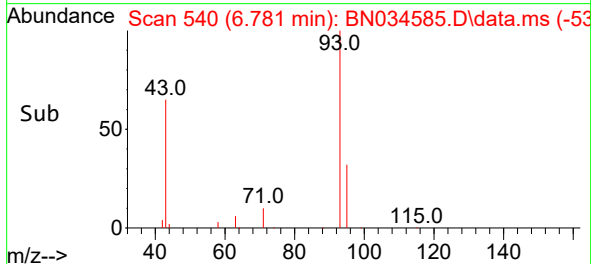
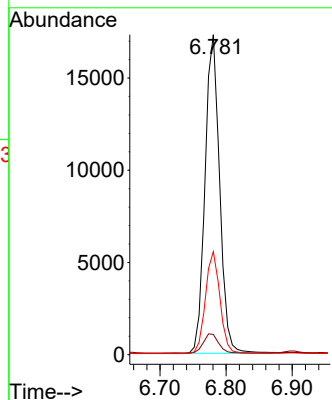
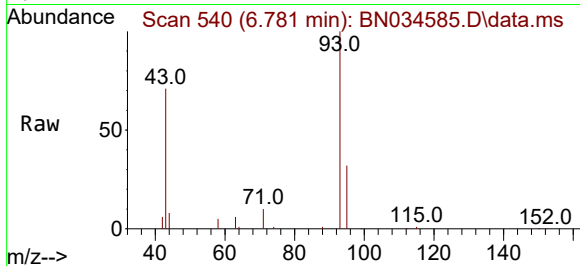




#6
bis(2-Chloroethyl)ether
Concen: 2.764 ng
RT: 6.781 min Scan# 544
Delta R.T. -0.029 min
Lab File: BN034585.D
Acq: 14 Oct 2024 23:31

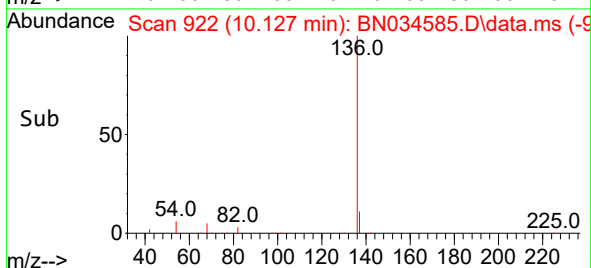
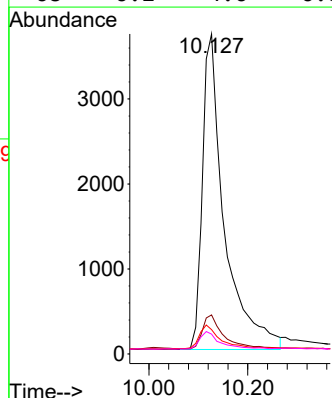
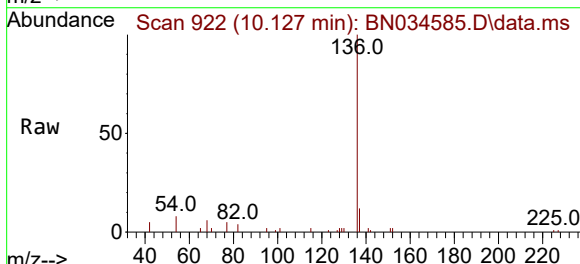
Instrument :
BNA_N
ClientSampleId :
BPOW6-11-HYD-20241001RE

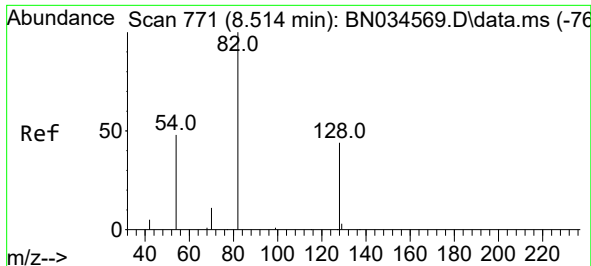
Tgt Ion: 93 Resp: 26449
Ion Ratio Lower Upper
93 100
63 6.3 64.6 96.8#
95 31.8 27.9 41.9



#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.127 min Scan# 922
Delta R.T. 0.011 min
Lab File: BN034585.D
Acq: 14 Oct 2024 23:31

Tgt Ion:136 Resp: 11428
Ion Ratio Lower Upper
136 100
137 12.2 9.4 14.0
54 7.6 6.2 9.4
68 6.2 4.6 6.8

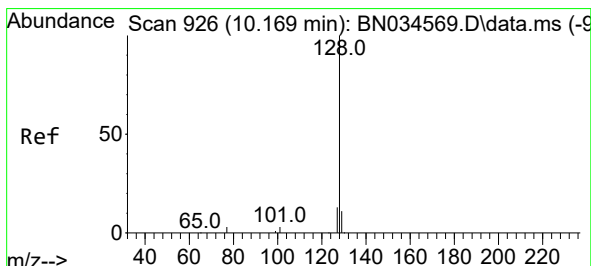
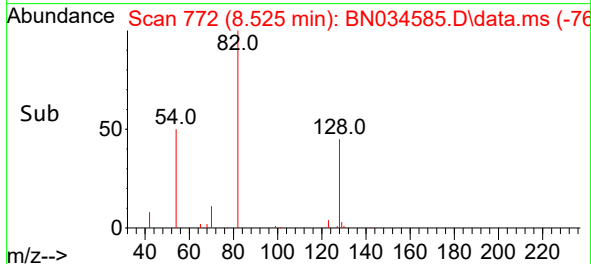
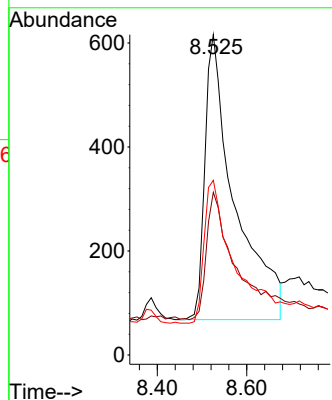
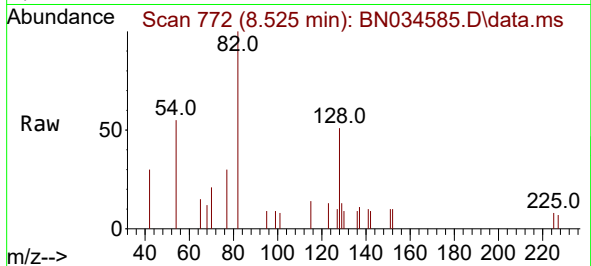




#8
Nitrobenzene-d5
Concen: 0.339 ng
RT: 8.525 min Scan# 771
Delta R.T. 0.011 min
Lab File: BN034585.D
Acq: 14 Oct 2024 23:31

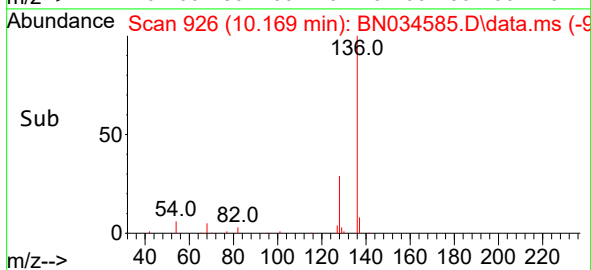
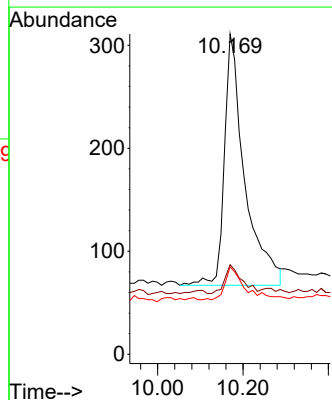
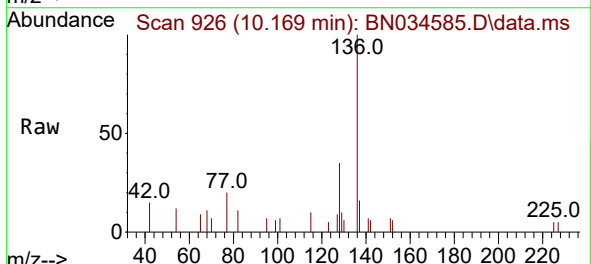
Instrument :
BNA_N
ClientSampleId :
BPOW6-11-HYD-20241001RE

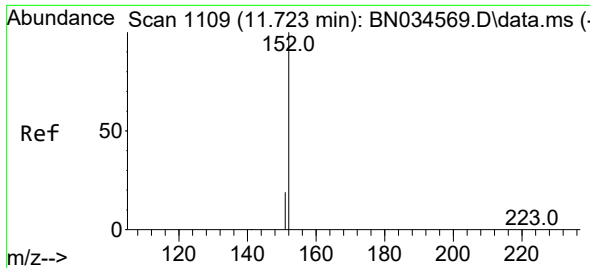
Tgt Ion: 82 Resp: 2524
Ion Ratio Lower Upper
82 100
128 50.8 38.0 57.0
54 54.5 40.6 60.8



#9
Naphthalene
Concen: 0.027 ng
RT: 10.169 min Scan# 926
Delta R.T. 0.000 min
Lab File: BN034585.D
Acq: 14 Oct 2024 23:31

Tgt Ion: 128 Resp: 807
Ion Ratio Lower Upper
128 100
129 28.0 9.3 13.9#
127 27.3 10.8 16.2#

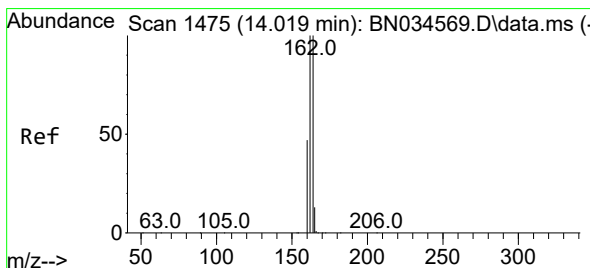
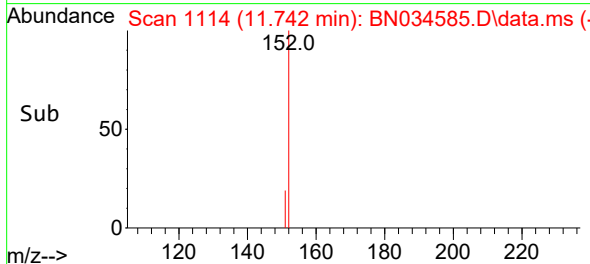
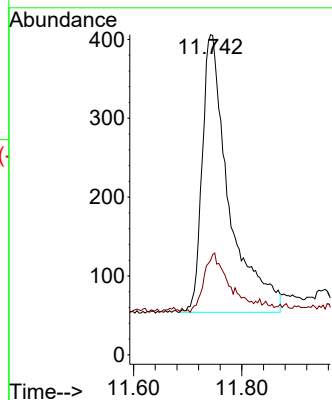
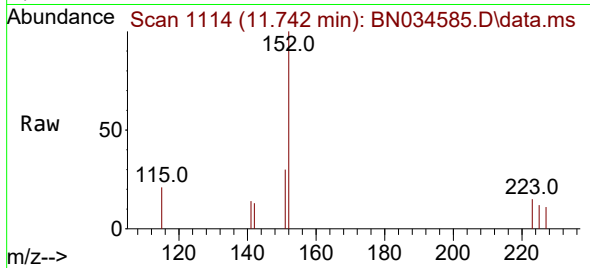




#11
2-Methylnaphthalene-d10
Concen: 0.070 ng
RT: 11.742 min Scan# 1114
Delta R.T. 0.019 min
Lab File: BN034585.D
Acq: 14 Oct 2024 23:31

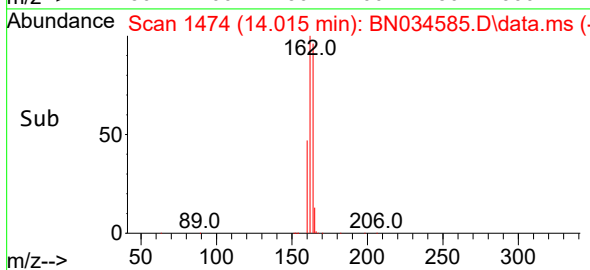
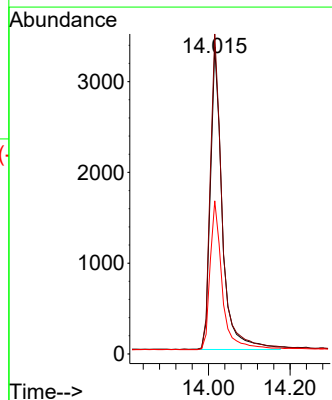
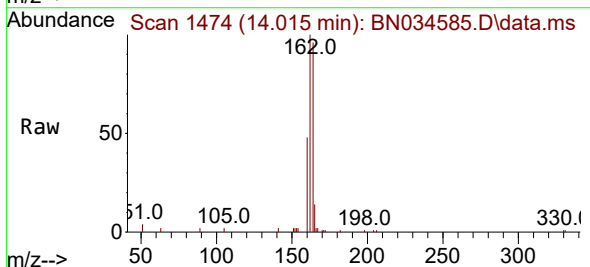
Instrument :
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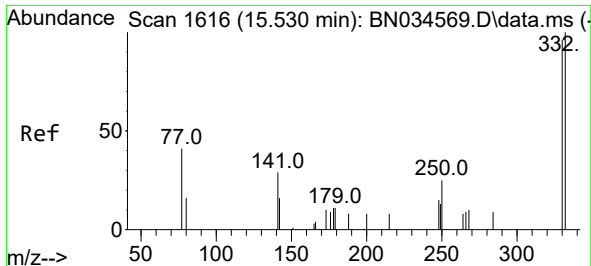
Tgt Ion:152 Resp: 1206
Ion Ratio Lower Upper
152 100
151 20.1 16.7 25.1



#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.015 min Scan# 1474
Delta R.T. -0.004 min
Lab File: BN034585.D
Acq: 14 Oct 2024 23:31

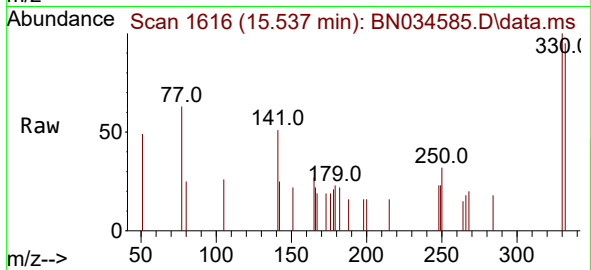
Tgt Ion:164 Resp: 6745
Ion Ratio Lower Upper
164 100
162 104.2 79.7 119.5
160 49.9 37.9 56.9



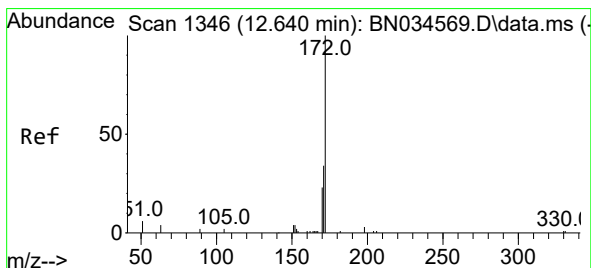
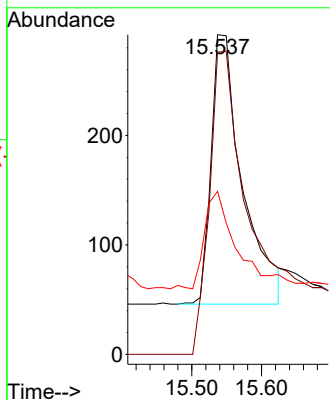
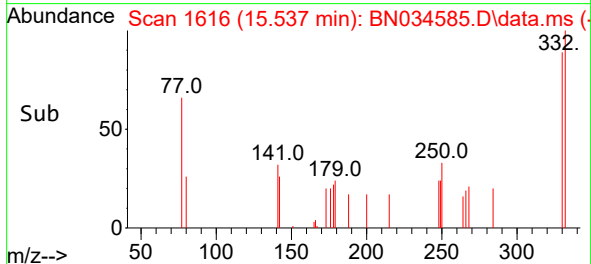


#14
2,4,6-Tribromophenol
Concen: 0.249 ng
RT: 15.537 min Scan# 1
Delta R.T. 0.007 min
Lab File: BN034585.D
Acq: 14 Oct 2024 23:31

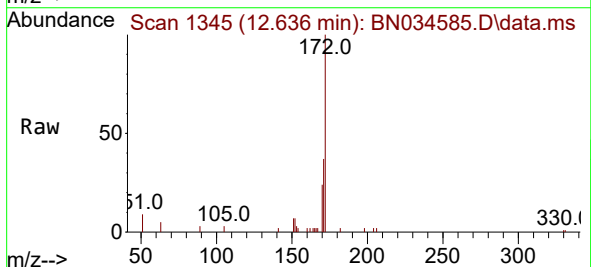
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ClientSampleId :
BPOW6-11-HYD-20241001RE



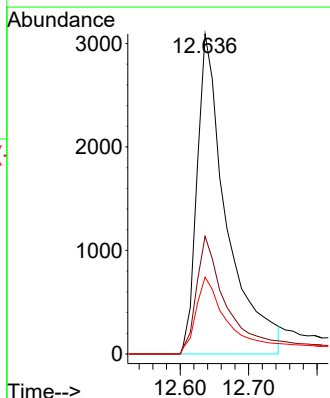
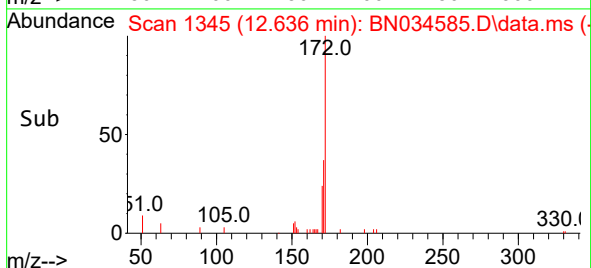
Tgt Ion:330 Resp: 743
Ion Ratio Lower Upper
330 100
332 141.5 104.3 156.5
141 33.9 29.4 44.0

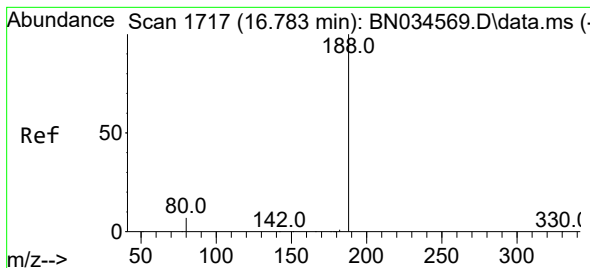


#15
2-Fluorobiphenyl
Concen: 0.364 ng
RT: 12.636 min Scan# 1345
Delta R.T. -0.004 min
Lab File: BN034585.D
Acq: 14 Oct 2024 23:31



Tgt Ion:172 Resp: 8477
Ion Ratio Lower Upper
172 100
171 36.7 27.1 40.7
170 24.0 18.5 27.7





#19

Phenanthrene-d10

Concen: 0.400 ng

RT: 16.778 min Scan# 11

Delta R.T. -0.005 min

Lab File: BN034585.D

Acq: 14 Oct 2024 23:31

Instrument :

BNA_N

ClientSampleId :

BPOW6-11-HYD-20241001RE

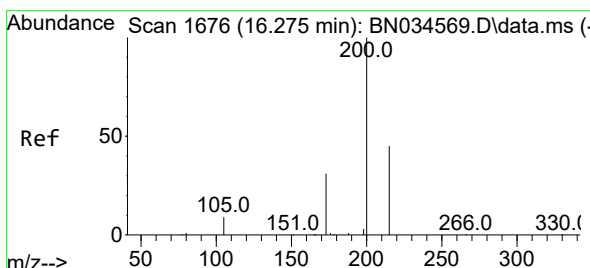
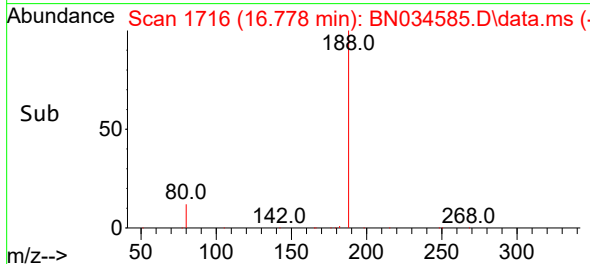
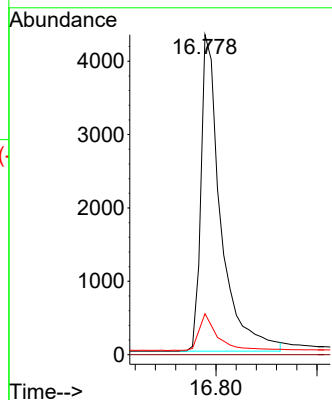
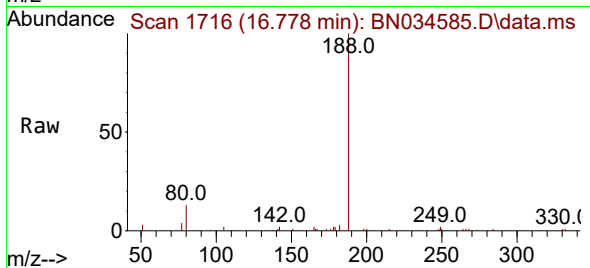
Tgt Ion:188 Resp: 11809

Ion Ratio Lower Upper

188 100

94 0.0 0.0 0.0

80 12.8 6.3 9.5#



#20

4,6-Dinitro-2-methylphenol

Concen: 0.043 ng

RT: 16.319 min Scan# 1679

Delta R.T. 0.044 min

Lab File: BN034585.D

Acq: 14 Oct 2024 23:31

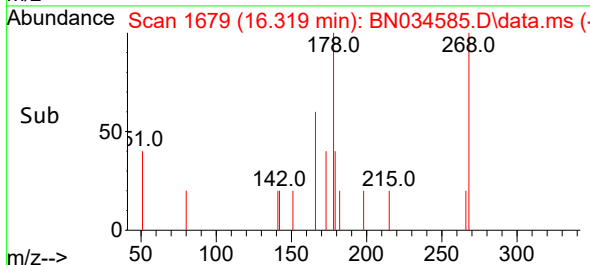
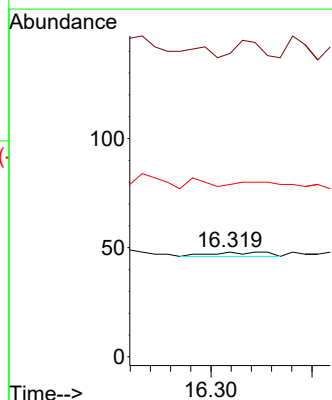
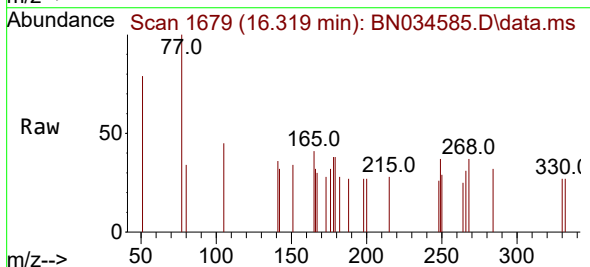
Tgt Ion:198 Resp: 7

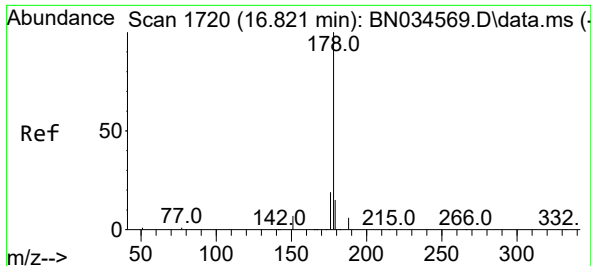
Ion Ratio Lower Upper

198 100

51 289.6 174.8 262.2#

105 164.6 167.9 251.9#

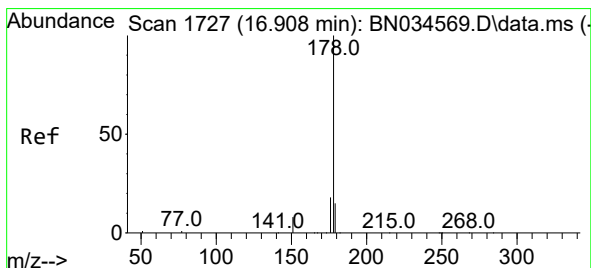
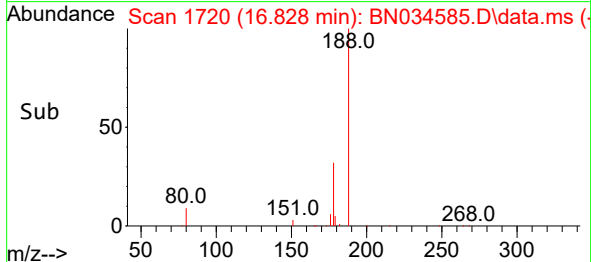
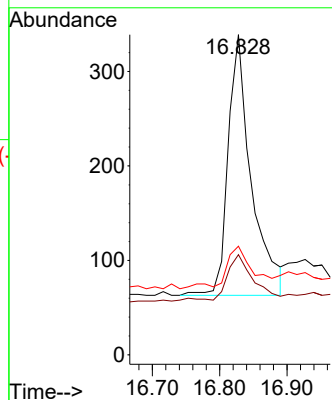
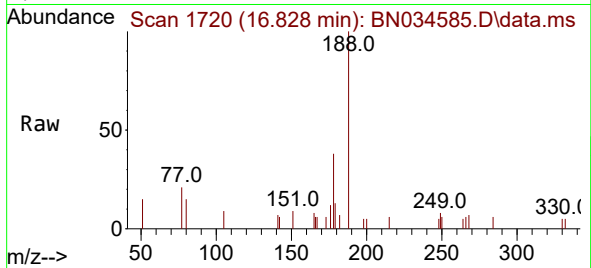




#25
Phenanthrene
Concen: 0.021 ng
RT: 16.828 min Scan# 1720
Delta R.T. 0.007 min
Lab File: BN034585.D
Acq: 14 Oct 2024 23:31

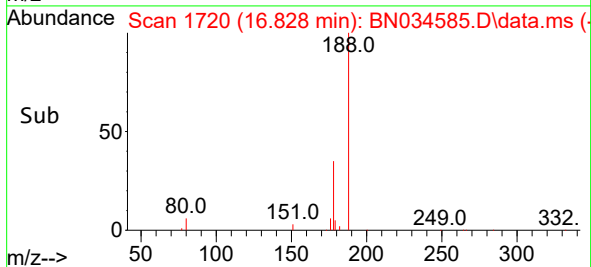
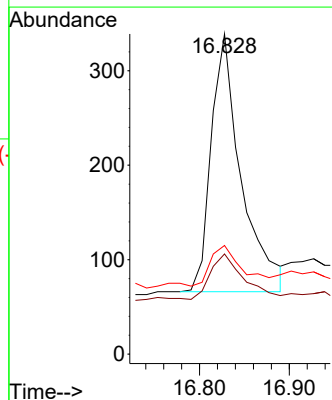
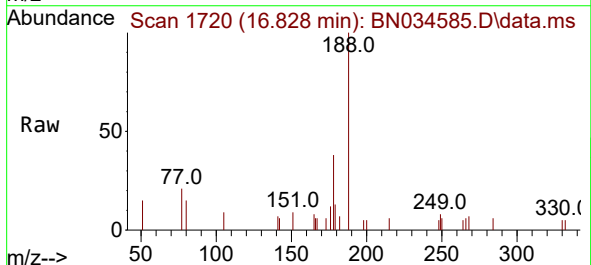
Instrument :
BNA_N
ClientSampleId :
BPOW6-11-HYD-20241001RE

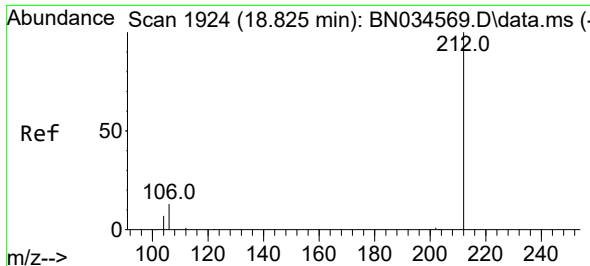
Tgt Ion:178 Resp: 661
Ion Ratio Lower Upper
178 100
176 17.9 15.3 22.9
179 19.1 12.2 18.4#



#26
Anthracene
Concen: 0.023 ng
RT: 16.828 min Scan# 1720
Delta R.T. -0.080 min
Lab File: BN034585.D
Acq: 14 Oct 2024 23:31

Tgt Ion:178 Resp: 635
Ion Ratio Lower Upper
178 100
176 19.5 14.3 21.5
179 16.5 12.0 18.0

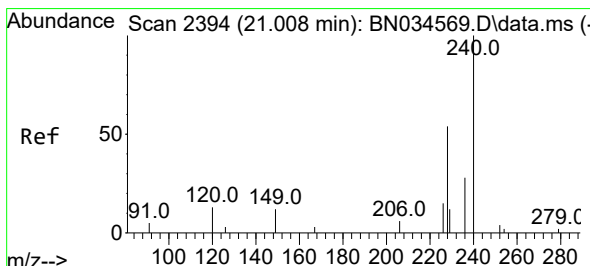
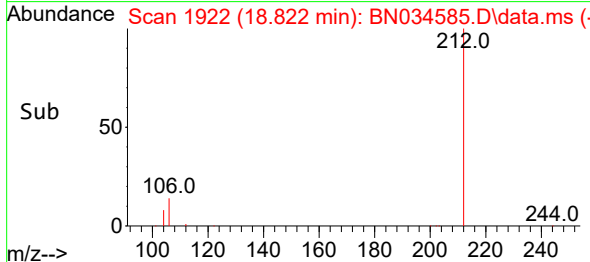
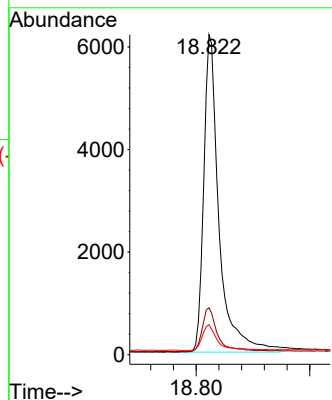
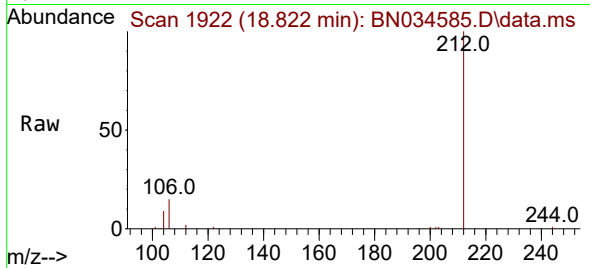




#27
Fluoranthene-d10
Concen: 0.403 ng
RT: 18.822 min Scan# 1924
Delta R.T. -0.002 min
Lab File: BN034585.D
Acq: 14 Oct 2024 23:31

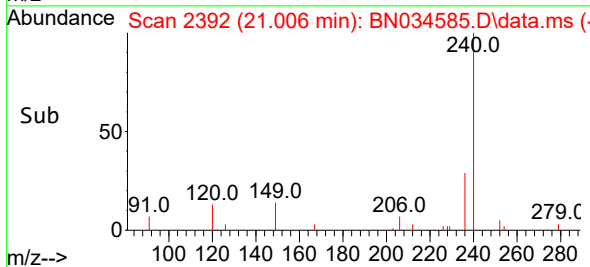
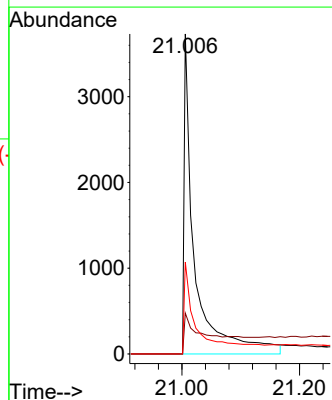
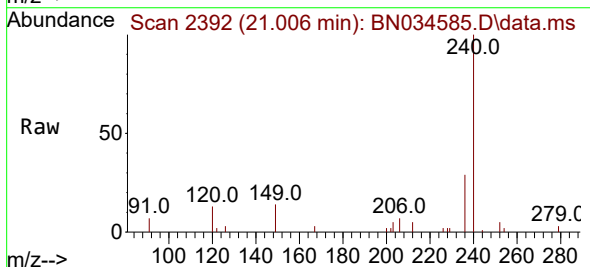
Instrument :
BNA_N
ClientSampleId :
BPOW6-11-HYD-20241001RE

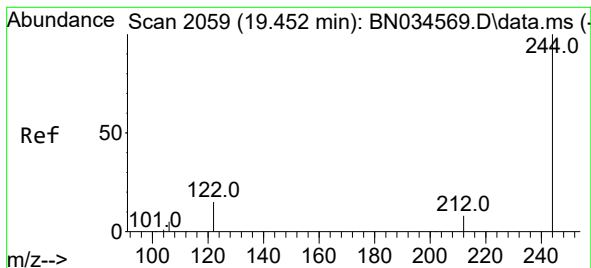
Tgt Ion:212 Resp: 11564
Ion Ratio Lower Upper
212 100
106 13.8 11.1 16.7
104 8.0 6.5 9.7



#29
Chrysene-d12
Concen: 0.400 ng
RT: 21.006 min Scan# 2392
Delta R.T. -0.002 min
Lab File: BN034585.D
Acq: 14 Oct 2024 23:31

Tgt Ion:240 Resp: 4859
Ion Ratio Lower Upper
240 100
120 12.7 10.1 15.1
236 28.7 22.6 34.0





#31

Terphenyl-d14

Concen: 0.473 ng

RT: 19.445 min Scan# 2056

Delta R.T. -0.007 min

Lab File: BN034585.D

Acq: 14 Oct 2024 23:31

Instrument :

BNA_N

ClientSampleId :

BPOW6-11-HYD-20241001RE

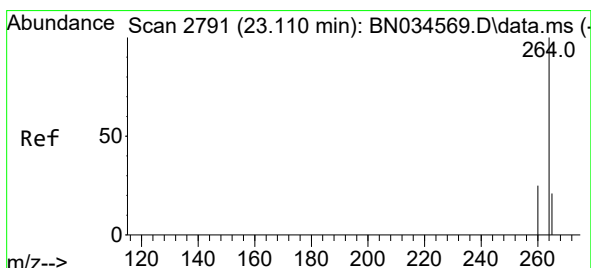
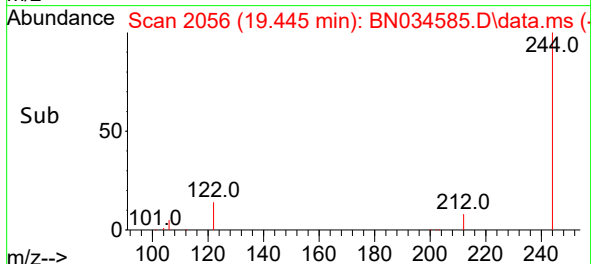
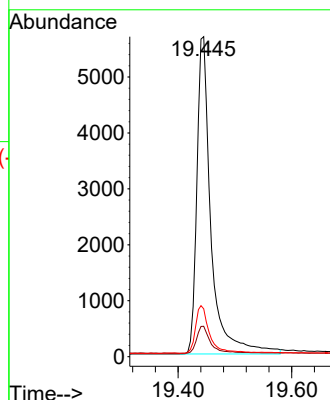
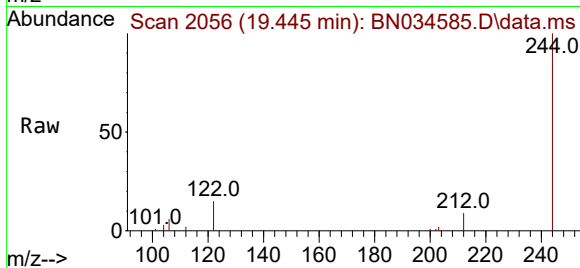
Tgt Ion:244 Resp: 9811

Ion Ratio Lower Upper

244 100

212 9.5 7.7 11.5

122 14.9 12.6 19.0



#35

Perylene-d12

Concen: 0.400 ng

RT: 23.105 min Scan# 2788

Delta R.T. -0.005 min

Lab File: BN034585.D

Acq: 14 Oct 2024 23:31

Tgt Ion:264 Resp: 7116

Ion Ratio Lower Upper

264 100

260 26.6 20.9 31.3

265 99.3 61.6 92.4#

