

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN101424\
 Data File : BN034589.D
 Acq On : 15 Oct 2024 01:56
 Operator : RC/JU
 Sample : P4365-01RE
 Misc :
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 BPOW6-11-HYD-20241008RE

Quant Time: Oct 16 23:53:46 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)

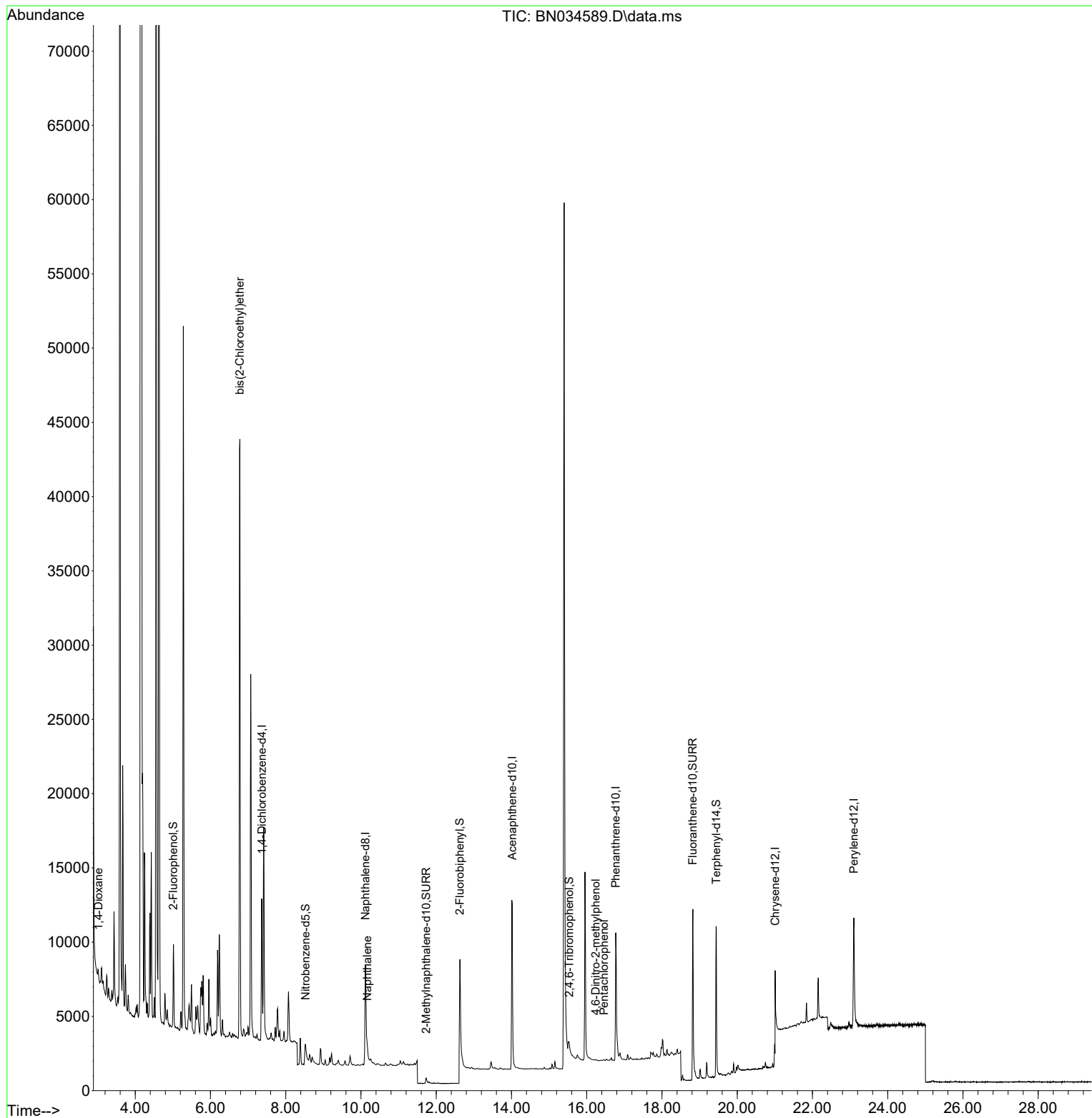
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.365	152	4778	0.400	ng	0.00
7) Naphthalene-d8	10.116	136	13833	0.400	ng	0.00
13) Acenaphthene-d10	14.019	164	8357	0.400	ng	0.00
19) Phenanthrene-d10	16.771	188	15090	0.400	ng	#-0.01
29) Chrysene-d12	21.008	240	4165	0.400	ng	# 0.00
35) Perylene-d12	23.098	264	11578	0.400	ng	-0.01
System Monitoring Compounds						
4) 2-Fluorophenol	5.011	112	455	0.035	ng	0.00
5) Phenol-d6	6.593	99	36	0.003	ng	0.03
8) Nitrobenzene-d5	8.525	82	2631	0.292	ng	0.01
11) 2-Methylnaphthalene-d10	11.731	152	778	0.038	ng	0.00
14) 2,4,6-Tribromophenol	15.530	330	446	0.120	ng	0.00
15) 2-Fluorobiphenyl	12.629	172	9319	0.323	ng	-0.01
27) Fluoranthene-d10	18.820	212	14946	0.407	ng	0.00
31) Terphenyl-d14	19.443	244	11604	0.577	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	3.025	88	356	0.062	ng	# 1
6) bis(2-Chloroethyl)ether	6.780	93	28169	2.565	ng	# 40
9) Naphthalene	10.169	128	1046	0.029	ng	# 73
20) 4,6-Dinitro-2-methylph...	16.237	198	9	0.043	ng	# 23
24) Pentachlorophenol	16.461	266	71	0.022	ng	# 1

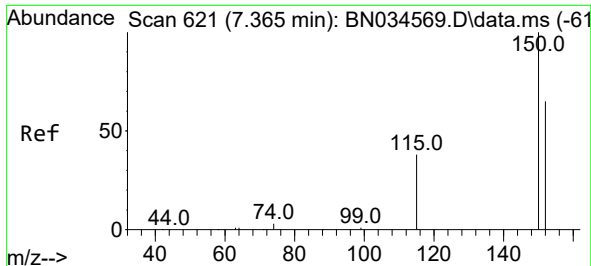
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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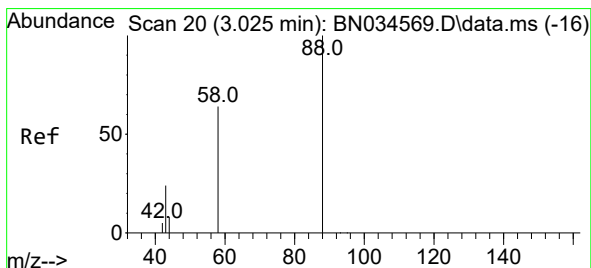
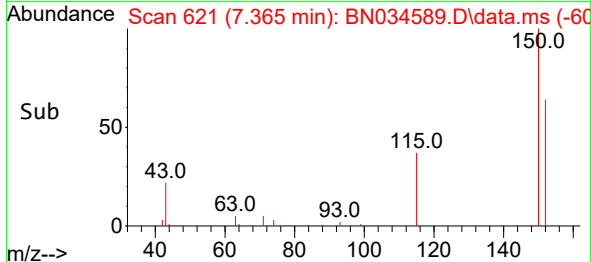
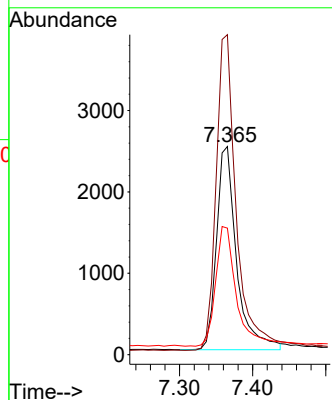
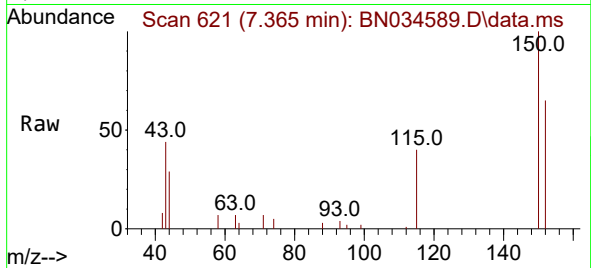




#1
 1,4-Dichlorobenzene-d4
 Concen: 0.400 ng
 RT: 7.365 min Scan# 61
 Delta R.T. 0.000 min
 Lab File: BN034589.D
 Acq: 15 Oct 2024 01:56

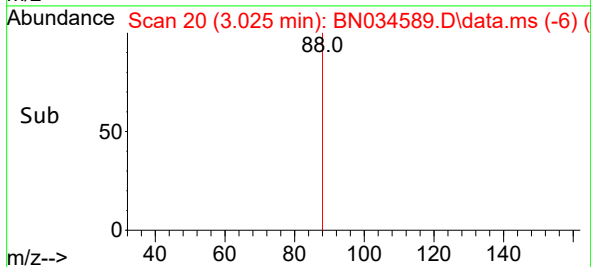
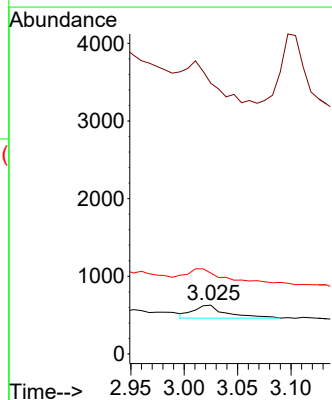
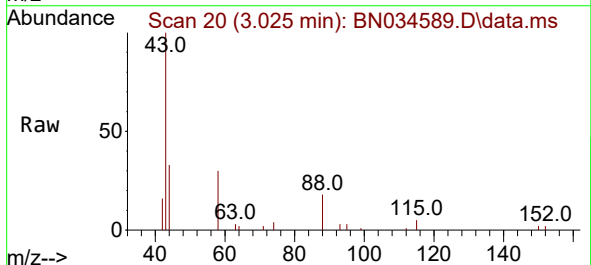
Instrument :
 BNA_N
 ClientSampleId :
 BPOW6-11-HYD-20241008RE

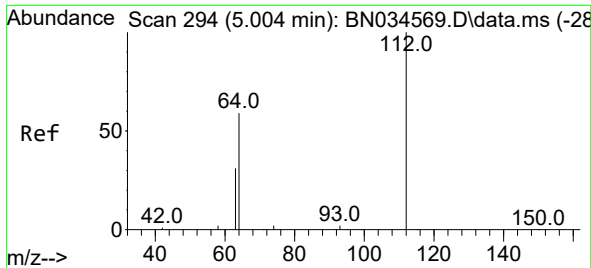
Tgt Ion:152 Resp: 4778
 Ion Ratio Lower Upper
 152 100
 150 153.8 122.0 183.0
 115 60.8 48.3 72.5



#2
 1,4-Dioxane
 Concen: 0.062 ng
 RT: 3.025 min Scan# 20
 Delta R.T. -0.000 min
 Lab File: BN034589.D
 Acq: 15 Oct 2024 01:56

Tgt Ion: 88 Resp: 356
 Ion Ratio Lower Upper
 88 100
 43 253.4 22.8 34.2#
 58 128.1 56.4 84.6#

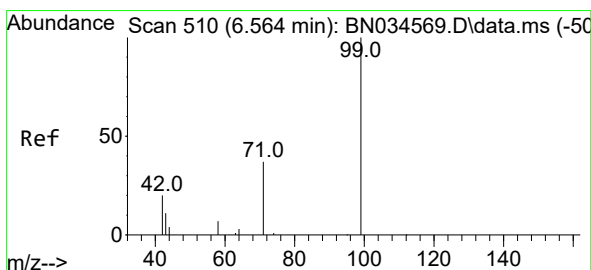
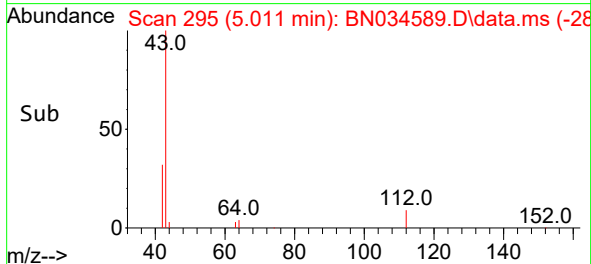
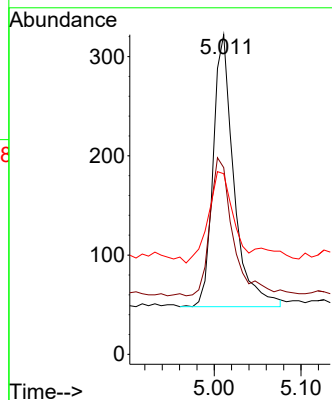
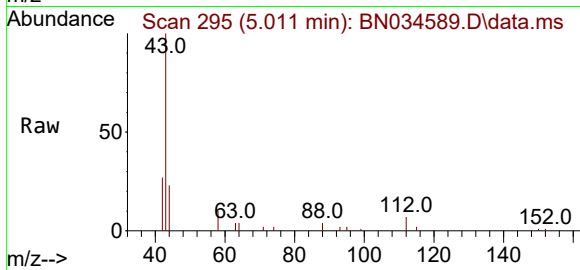




#4
2-Fluorophenol
Concen: 0.035 ng
RT: 5.011 min Scan# 294
Delta R.T. 0.007 min
Lab File: BN034589.D
Acq: 15 Oct 2024 01:56

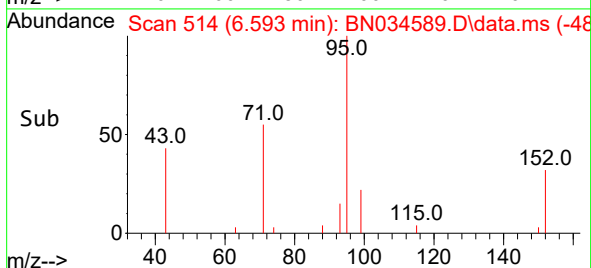
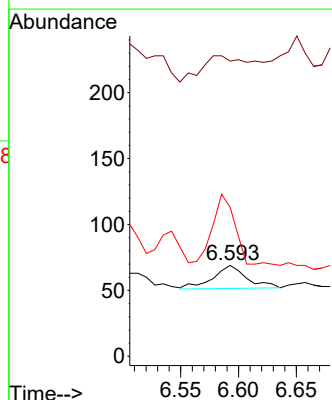
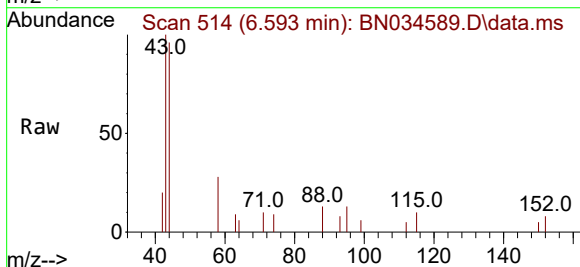
Instrument :
BNA_N
ClientSampleId :
BPOW6-11-HYD-20241008RE

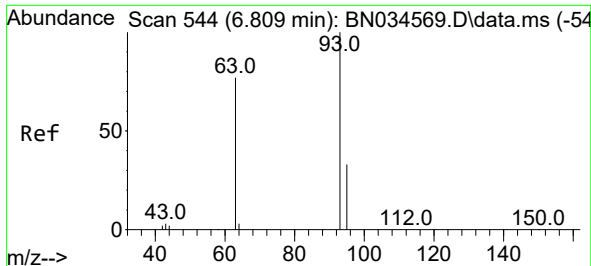
Tgt Ion:112 Resp: 455
Ion Ratio Lower Upper
112 100
64 55.8 44.6 66.8
63 39.8 23.8 35.6#



#5
Phenol-d6
Concen: 0.003 ng
RT: 6.593 min Scan# 514
Delta R.T. 0.029 min
Lab File: BN034589.D
Acq: 15 Oct 2024 01:56

Tgt Ion: 99 Resp: 36
Ion Ratio Lower Upper
99 100
42 172.2 15.0 22.6#
71 197.2 28.0 42.0#

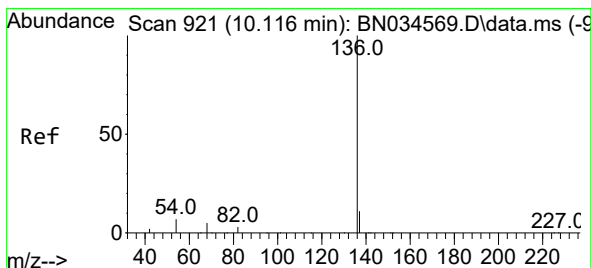
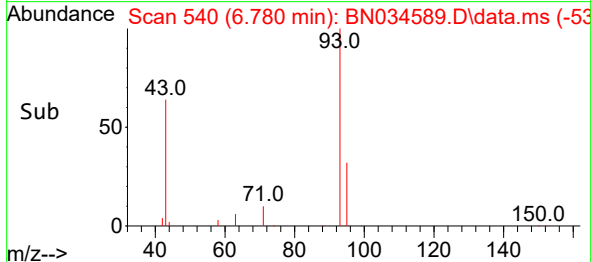
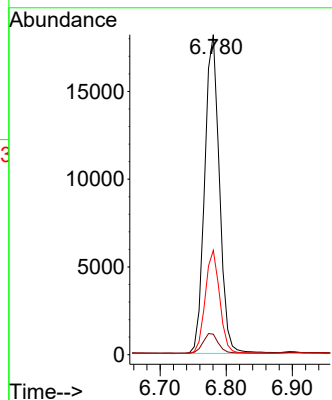
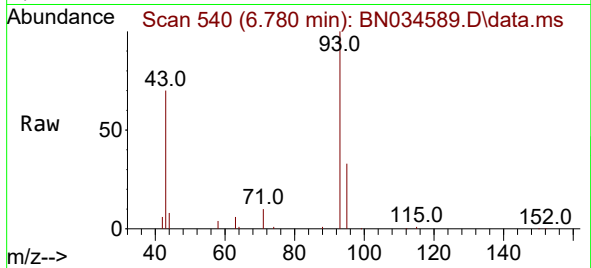




#6
bis(2-Chloroethyl)ether
Concen: 2.565 ng
RT: 6.780 min Scan# 544
Delta R.T. -0.029 min
Lab File: BN034589.D
Acq: 15 Oct 2024 01:56

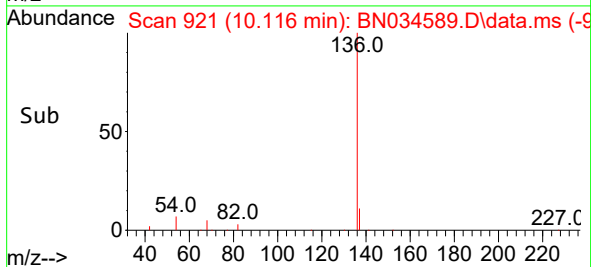
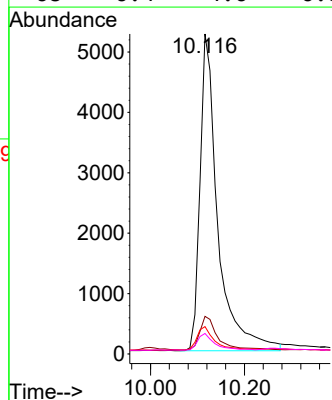
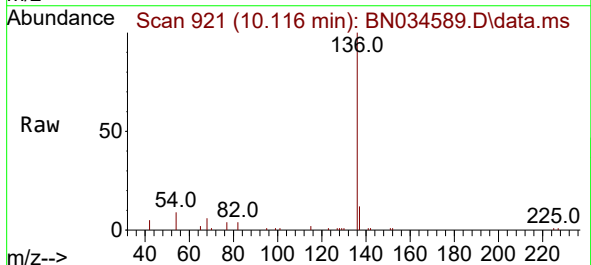
Instrument :
BNA_N
ClientSampleId :
BPOW6-11-HYD-20241008RE

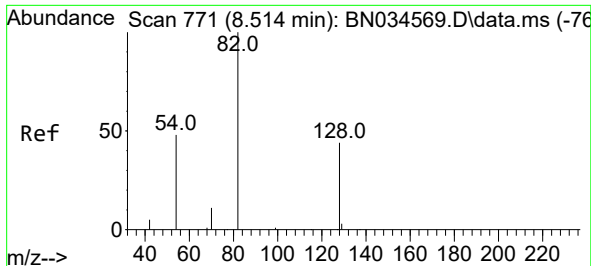
Tgt Ion: 93 Resp: 28169
Ion Ratio Lower Upper
93 100
63 6.4 64.6 96.8#
95 31.9 27.9 41.9



#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.116 min Scan# 921
Delta R.T. -0.000 min
Lab File: BN034589.D
Acq: 15 Oct 2024 01:56

Tgt Ion:136 Resp: 13833
Ion Ratio Lower Upper
136 100
137 11.8 9.4 14.0
54 8.6 6.2 9.4
68 6.4 4.6 6.8

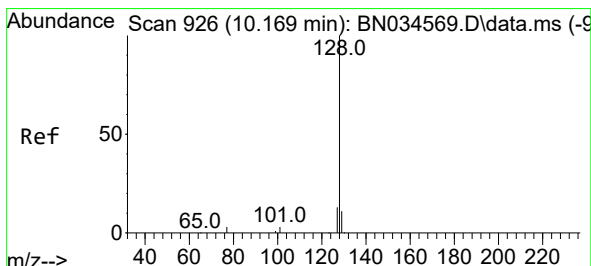
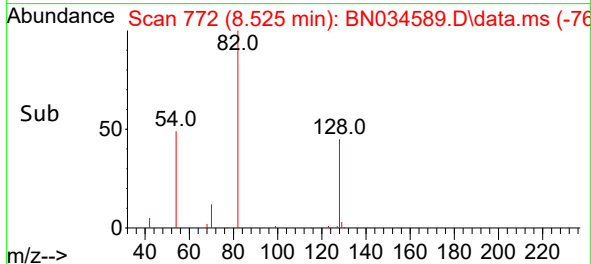
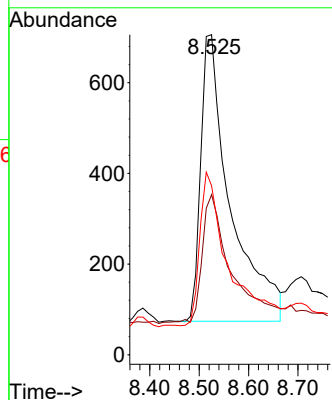
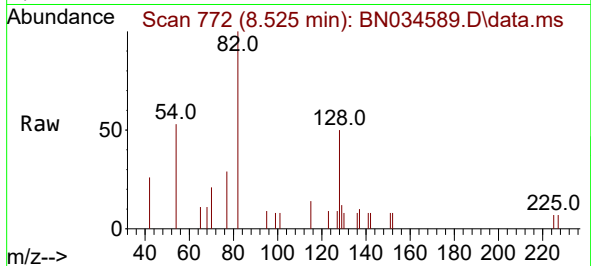




#8
Nitrobenzene-d5
Concen: 0.292 ng
RT: 8.525 min Scan# 71
Delta R.T. 0.011 min
Lab File: BN034589.D
Acq: 15 Oct 2024 01:56

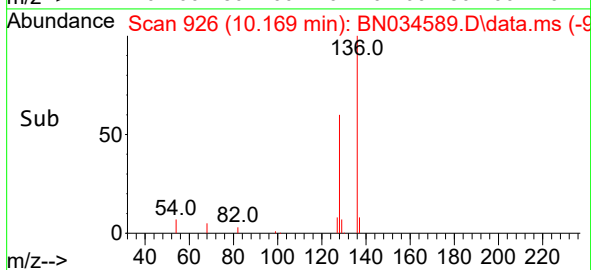
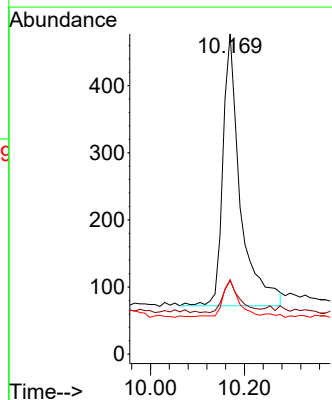
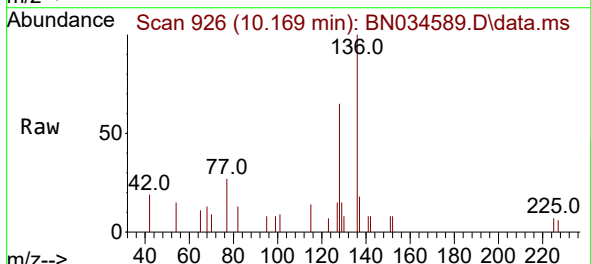
Instrument :
BNA_N
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BPOW6-11-HYD-20241008RE

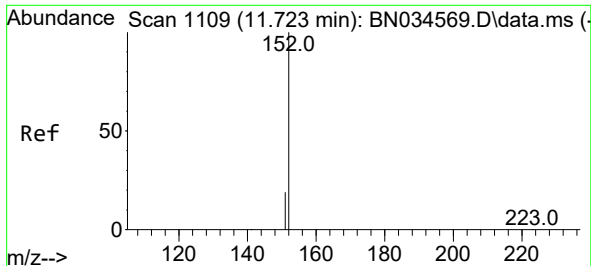
Tgt Ion: 82 Resp: 2631
Ion Ratio Lower Upper
82 100
128 50.0 38.0 57.0
54 52.8 40.6 60.8



#9
Naphthalene
Concen: 0.029 ng
RT: 10.169 min Scan# 926
Delta R.T. -0.000 min
Lab File: BN034589.D
Acq: 15 Oct 2024 01:56

Tgt Ion: 128 Resp: 1046
Ion Ratio Lower Upper
128 100
129 23.1 9.3 13.9#
127 23.3 10.8 16.2#





#11

2-Methylnaphthalene-d10

Concen: 0.038 ng

RT: 11.731 min Scan# 1111

Delta R.T. 0.008 min

Lab File: BN034589.D

Acq: 15 Oct 2024 01:56

Instrument :

BNA_N

ClientSampleId :

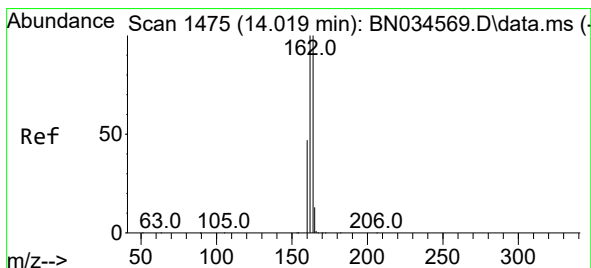
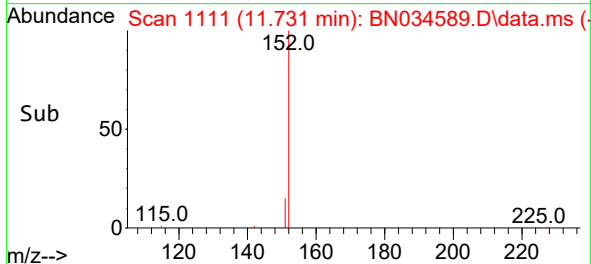
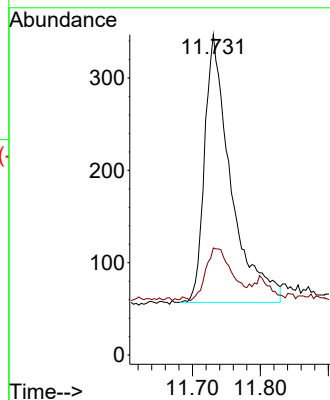
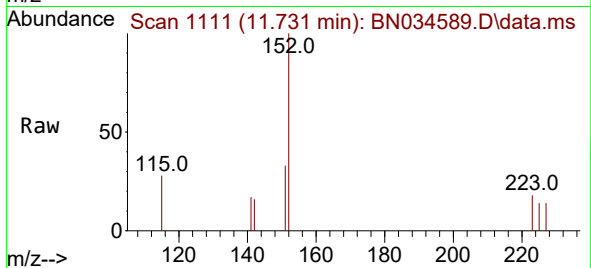
BPOW6-11-HYD-20241008RE

Tgt Ion:152 Resp: 778

Ion Ratio Lower Upper

152 100

151 19.4 16.7 25.1



#13

Acenaphthene-d10

Concen: 0.400 ng

RT: 14.019 min Scan# 1475

Delta R.T. -0.000 min

Lab File: BN034589.D

Acq: 15 Oct 2024 01:56

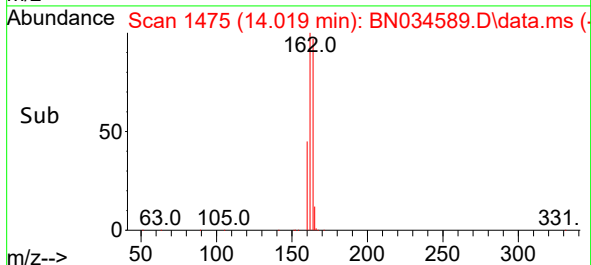
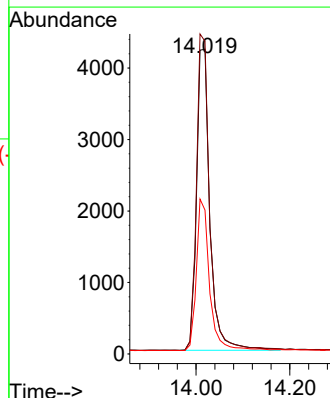
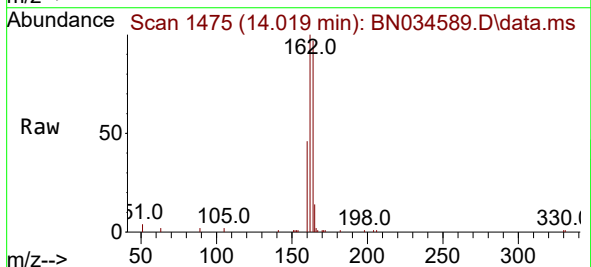
Tgt Ion:164 Resp: 8357

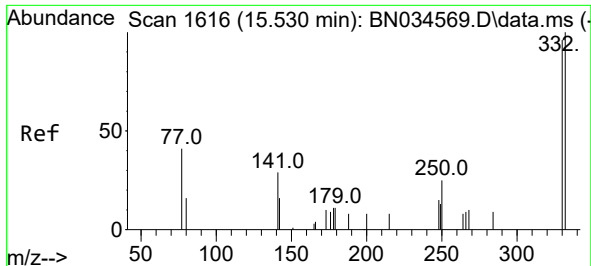
Ion Ratio Lower Upper

164 100

162 102.6 79.7 119.5

160 47.2 37.9 56.9

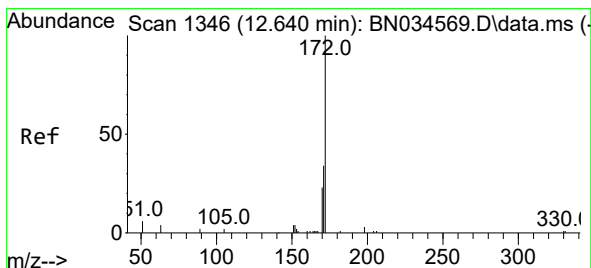
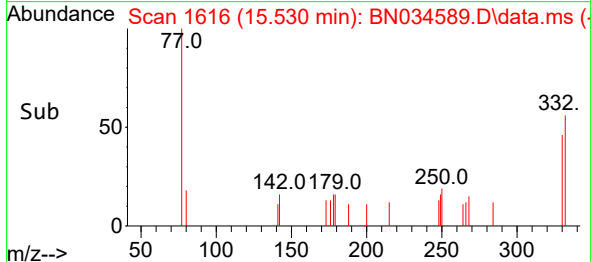
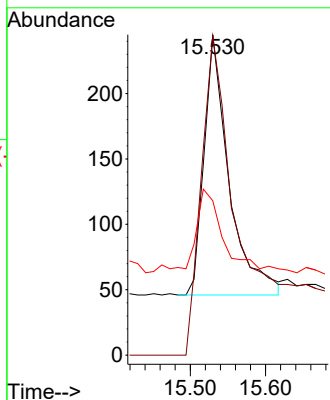
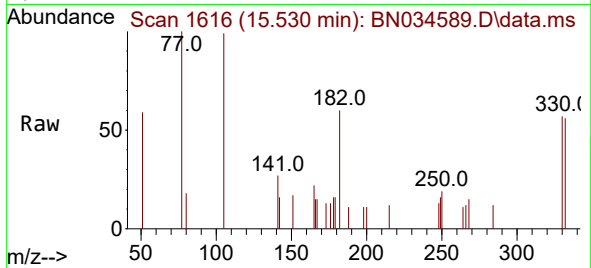




#14
2,4,6-Tribromophenol
Concen: 0.120 ng
RT: 15.530 min Scan# 1
Delta R.T. -0.000 min
Lab File: BN034589.D
Acq: 15 Oct 2024 01:56

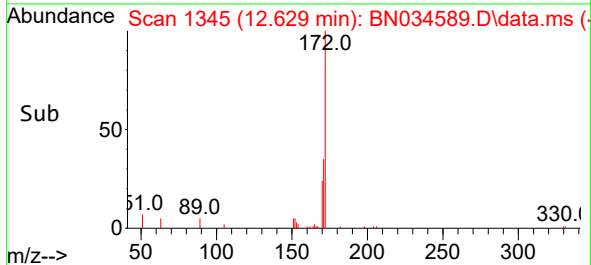
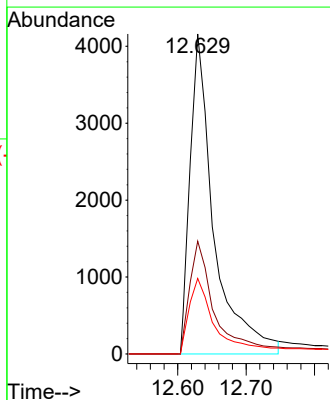
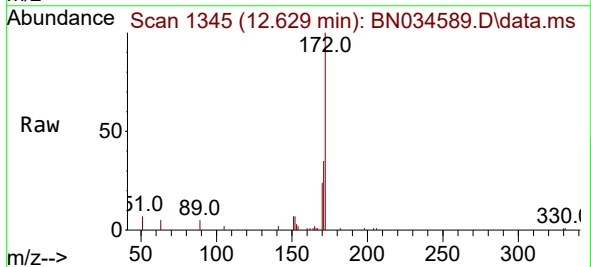
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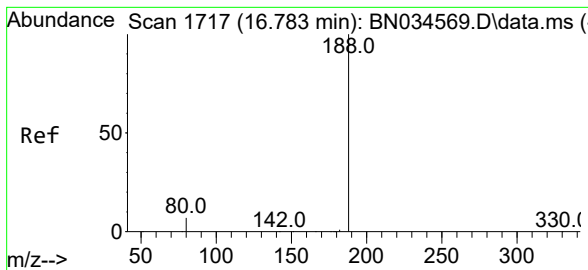
Tgt Ion:330 Resp: 446
Ion Ratio Lower Upper
330 100
332 178.7 104.3 156.5#
141 32.3 29.4 44.0



#15
2-Fluorobiphenyl
Concen: 0.323 ng
RT: 12.629 min Scan# 1345
Delta R.T. -0.011 min
Lab File: BN034589.D
Acq: 15 Oct 2024 01:56

Tgt Ion:172 Resp: 9319
Ion Ratio Lower Upper
172 100
171 35.3 27.1 40.7
170 23.6 18.5 27.7

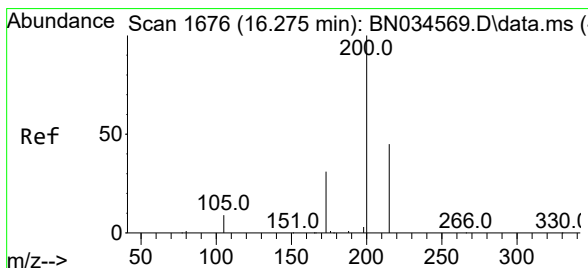
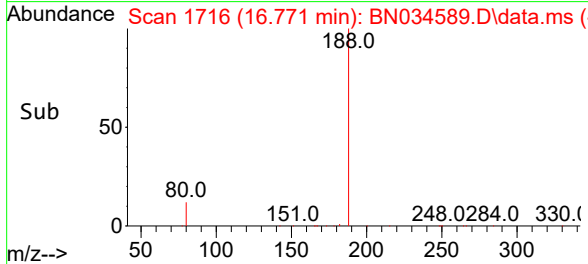
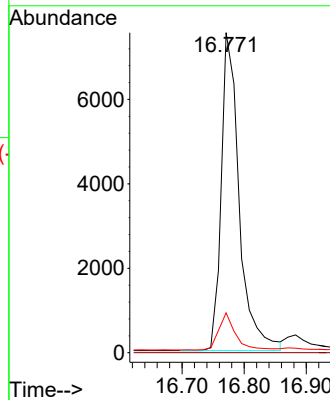
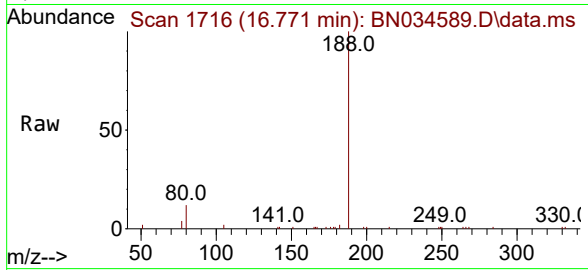




#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 16.771 min Scan# 1716
Delta R.T. -0.012 min
Lab File: BN034589.D
Acq: 15 Oct 2024 01:56

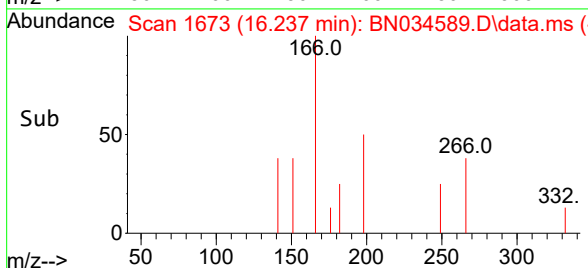
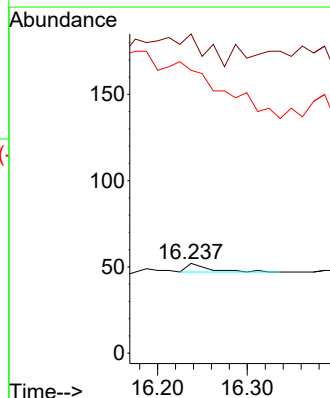
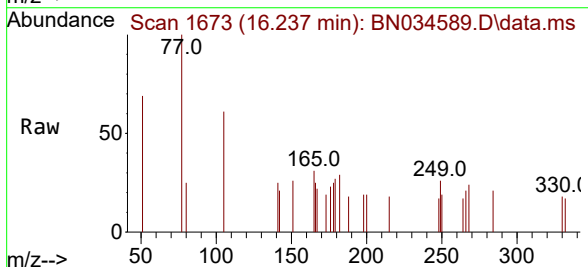
Instrument :
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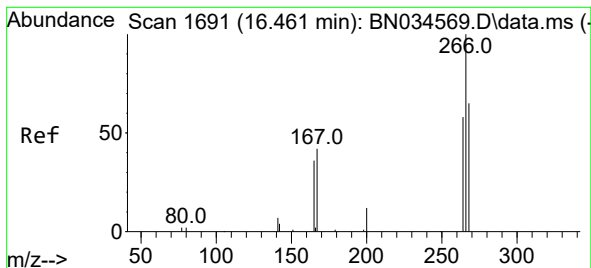
Tgt Ion:188 Resp: 15090
Ion Ratio Lower Upper
188 100
94 0.0 0.0 0.0
80 12.5 6.3 9.5#



#20
4,6-Dinitro-2-methylphenol
Concen: 0.043 ng
RT: 16.237 min Scan# 1673
Delta R.T. -0.038 min
Lab File: BN034589.D
Acq: 15 Oct 2024 01:56

Tgt Ion:198 Resp: 9
Ion Ratio Lower Upper
198 100
51 355.8 174.8 262.2#
105 315.4 167.9 251.9#





#24

Pentachlorophenol

Concen: 0.022 ng

RT: 16.461 min Scan# 1

Delta R.T. -0.000 min

Lab File: BN034589.D

Acq: 15 Oct 2024 01:56

Instrument :

BNA_N

ClientSampleId :

BPOW6-11-HYD-20241008RE

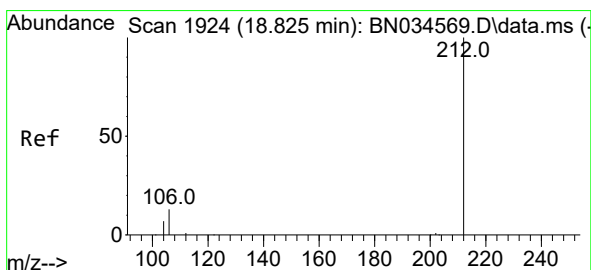
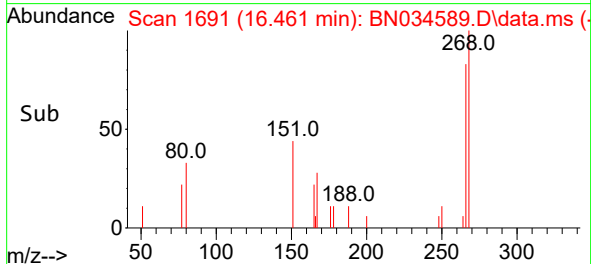
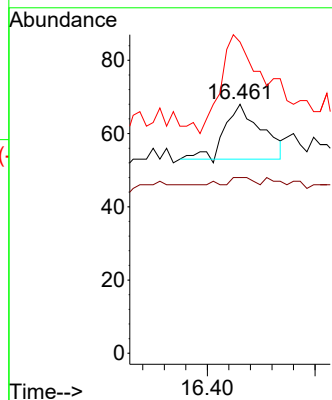
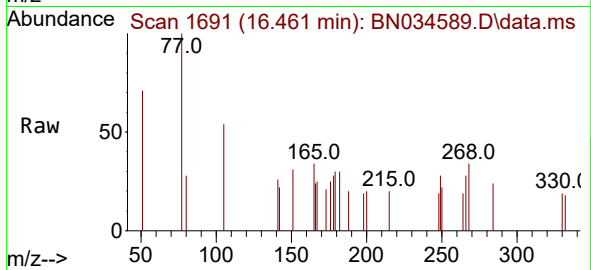
Tgt Ion:266 Resp: 71

Ion Ratio Lower Upper

266 100

264 7.0 46.6 69.8#

268 249.3 52.0 78.0#



#27

Fluoranthene-d10

Concen: 0.407 ng

RT: 18.820 min Scan# 1923

Delta R.T. -0.005 min

Lab File: BN034589.D

Acq: 15 Oct 2024 01:56

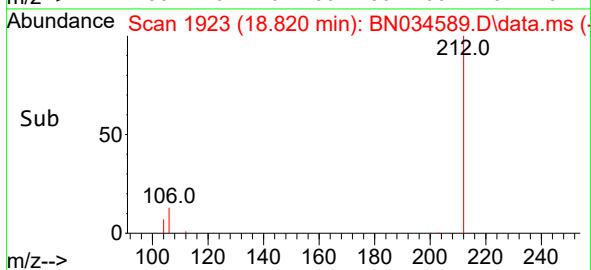
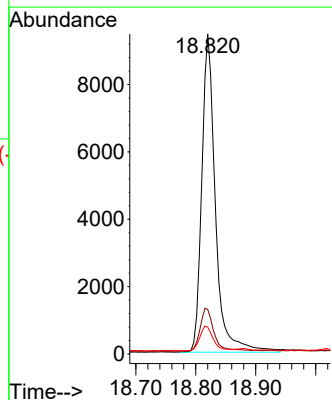
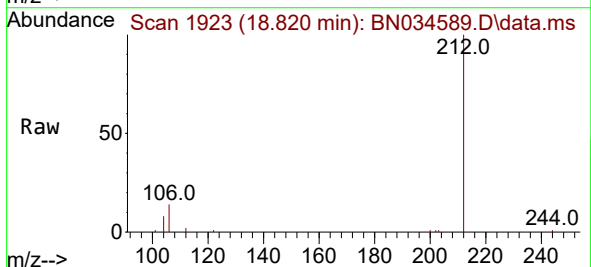
Tgt Ion:212 Resp: 14946

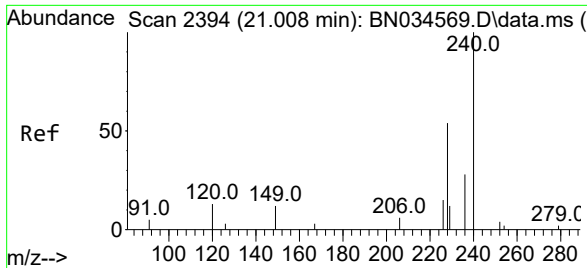
Ion Ratio Lower Upper

212 100

106 13.8 11.1 16.7

104 7.6 6.5 9.7

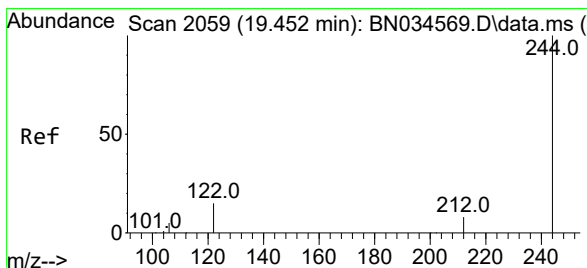
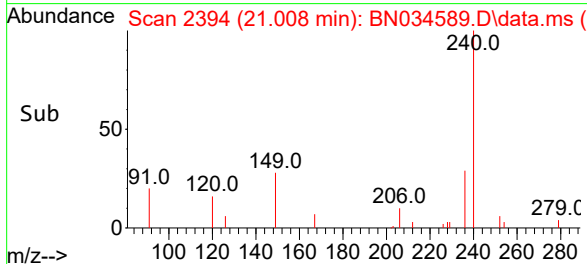
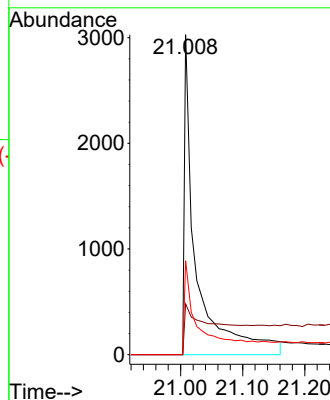
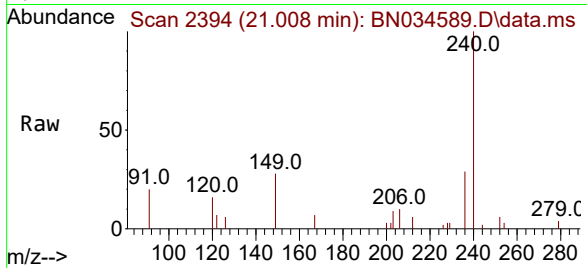




#29
Chrysene-d12
Concen: 0.400 ng
RT: 21.008 min Scan# 21
Delta R.T. -0.000 min
Lab File: BN034589.D
Acq: 15 Oct 2024 01:56

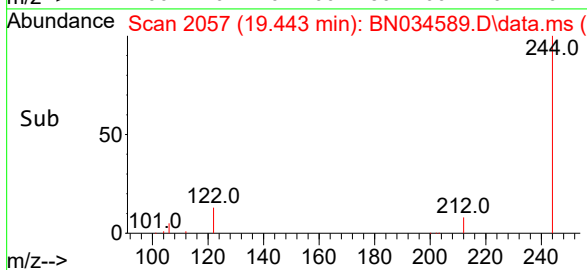
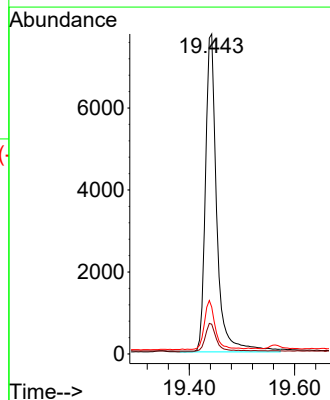
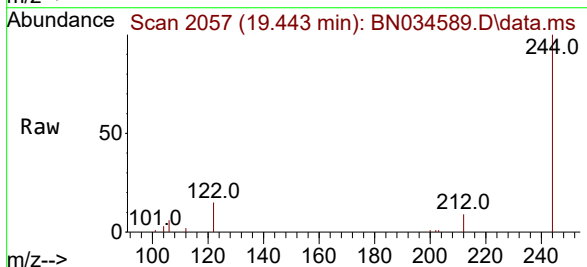
Instrument :
BNA_N
ClientSampleId :
BPOW6-11-HYD-20241008RE

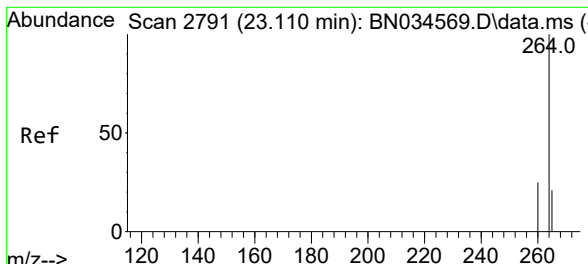
Tgt Ion:240 Resp: 4165
Ion Ratio Lower Upper
240 100
120 15.9 10.1 15.1#
236 29.3 22.6 34.0



#31
Terphenyl-d14
Concen: 0.577 ng
RT: 19.443 min Scan# 2057
Delta R.T. -0.009 min
Lab File: BN034589.D
Acq: 15 Oct 2024 01:56

Tgt Ion:244 Resp: 11604
Ion Ratio Lower Upper
244 100
212 9.3 7.7 11.5
122 14.6 12.6 19.0





#35
 Perylene-d12
 Concen: 0.400 ng
 RT: 23.098 min Scan# 21
 Delta R.T. -0.012 min
 Lab File: BN034589.D
 Acq: 15 Oct 2024 01:56

Instrument :
 BNA_N
 ClientSampleId :
 BPOW6-11-HYD-20241008RE

Tgt Ion:264 Resp: 11578

Ion	Ratio	Lower	Upper
264	100		
260	26.2	20.9	31.3
265	73.4	61.6	92.4

