

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN101124\
 Data File : BN034561.D
 Acq On : 11 Oct 2024 18:47
 Operator : RC/JU
 Sample : P4365-01
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

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

Quant Time: Oct 14 01:09:43 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN091924.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Oct 11 00:21:08 2024
 Response via : Initial Calibration

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

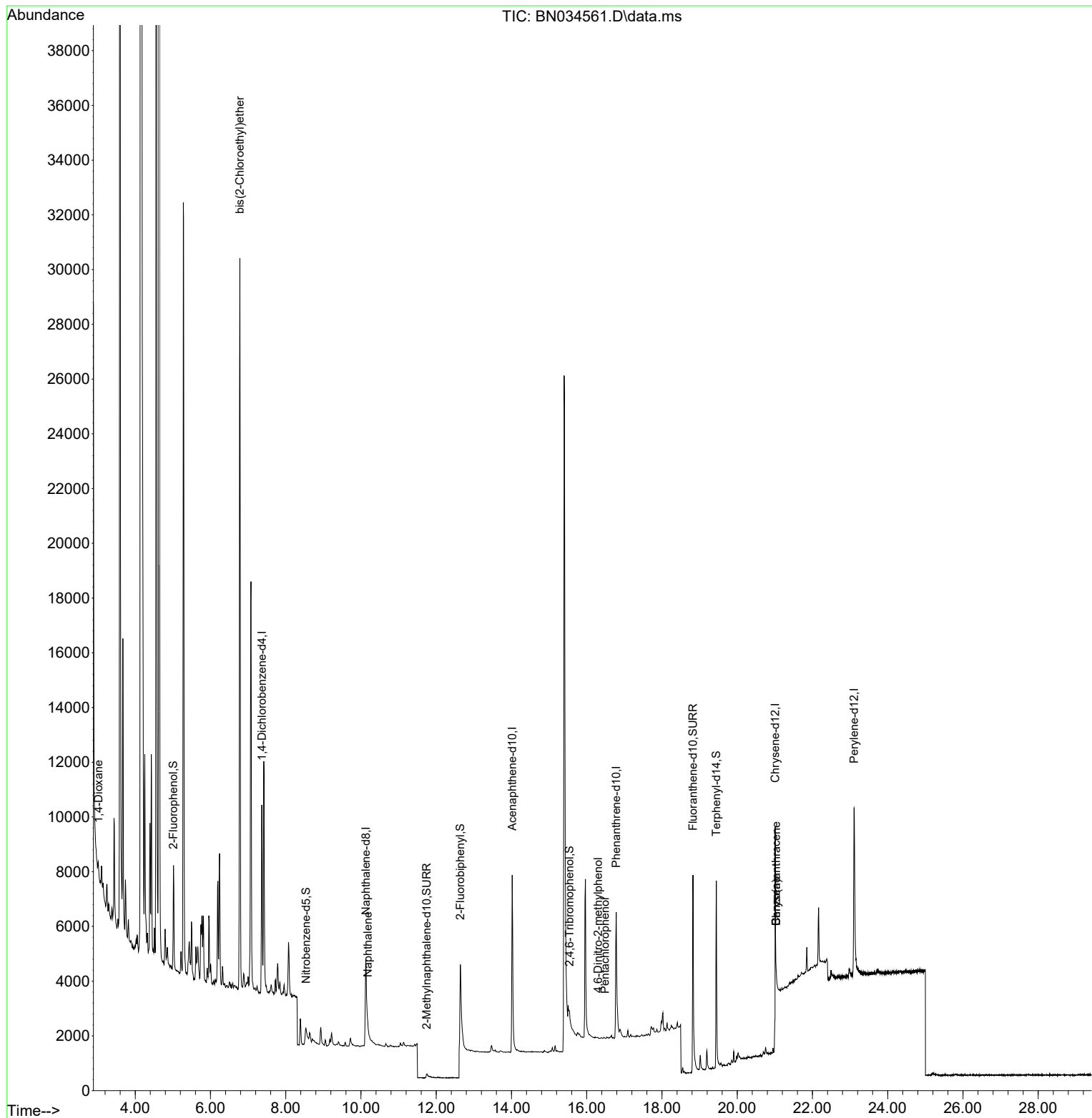
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.365	152	3175	0.400	ng	0.00
7) Naphthalene-d8	10.127	136	7927	0.400	ng	# 0.00
13) Acenaphthene-d10	14.019	164	4768	0.400	ng	0.00
19) Phenanthrene-d10	16.783	188	8910	0.400	ng	0.00
29) Chrysene-d12	21.008	240	5350	0.400	ng	# 0.00
35) Perylene-d12	23.107	264	9918	0.400	ng	# 0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.011	112	571	0.063	ng	0.00
5) Phenol-d6	6.600	99	19	0.002	ng	0.03
8) Nitrobenzene-d5	8.536	82	1269	0.209	ng	0.02
11) 2-Methylnaphthalene-d10	11.750	152	392	0.033	ng	0.02
14) 2,4,6-Tribromophenol	15.542	330	402	0.186	ng	0.00
15) 2-Fluorobiphenyl	12.640	172	5290	0.273	ng	0.00
27) Fluoranthene-d10	18.825	212	9810	0.436	ng	0.00
31) Terphenyl-d14	19.443	244	7638	0.715	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	3.025	88	210	0.053	ng	# 4
6) bis(2-Chloroethyl)ether	6.780	93	17549	1.893	ng	# 38
9) Naphthalene	10.180	128	520	0.024	ng	# 53
20) 4,6-Dinitro-2-methylph...	16.299	198	4	0.140	ng	# 1
24) Pentachlorophenol	16.486	266	44	0.024	ng	# 46
32) Benzo(a)anthracene	21.035	228	435	0.026	ng	# 38
33) Chrysene	21.035	228	545	0.027	ng	# 43

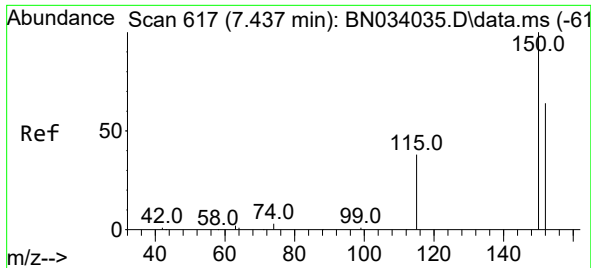
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN101124\
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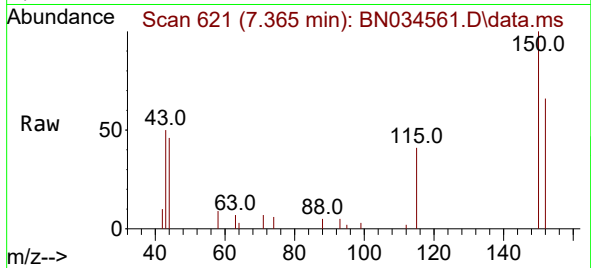
Quant Time: Oct 14 01:09:43 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN091924.M
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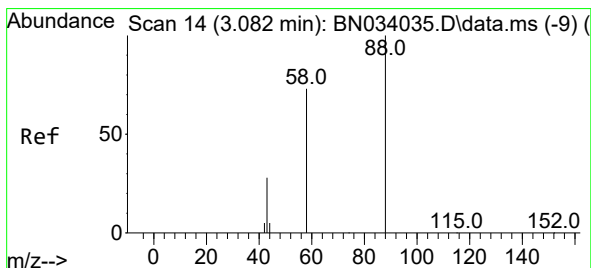
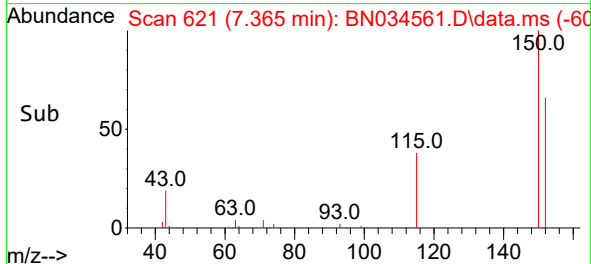
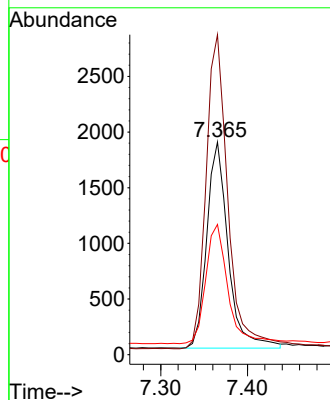


#1
 1,4-Dichlorobenzene-d4
 Concen: 0.400 ng
 RT: 7.365 min Scan# 61
 Delta R.T. -0.008 min
 Lab File: BN034561.D
 Acq: 11 Oct 2024 18:47

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

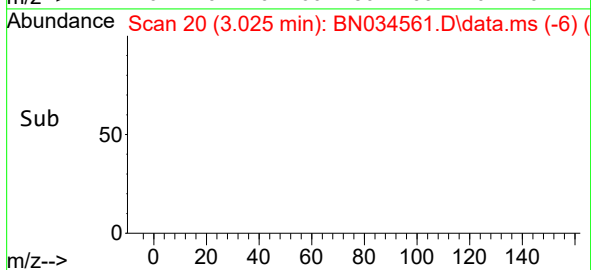
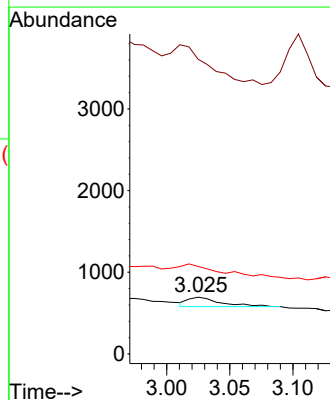
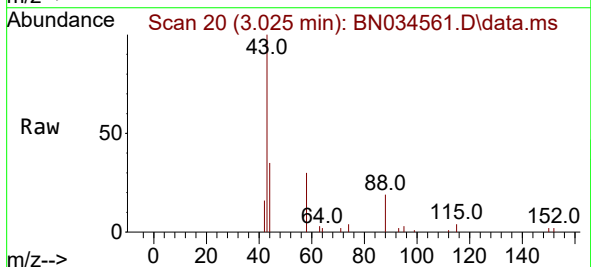


Tgt Ion:152 Resp: 3175
 Ion Ratio Lower Upper
 152 100
 150 150.5 124.6 187.0
 115 61.3 50.0 75.0



#2
 1,4-Dioxane
 Concen: 0.053 ng
 RT: 3.025 min Scan# 20
 Delta R.T. -0.000 min
 Lab File: BN034561.D
 Acq: 11 Oct 2024 18:47

Tgt Ion: 88 Resp: 210
 Ion Ratio Lower Upper
 88 100
 43 0.0 25.8 38.8#
 58 168.6 58.8 88.2#

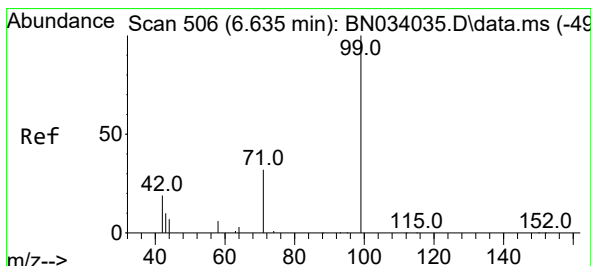
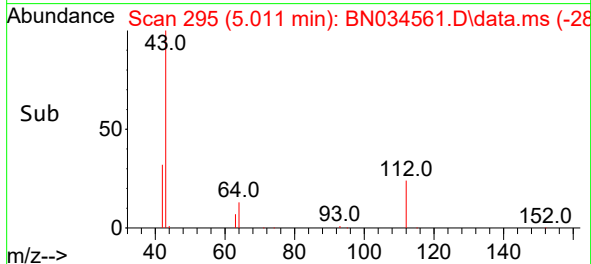
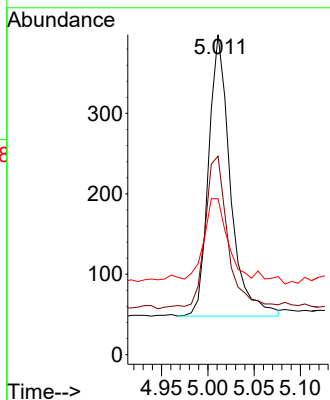
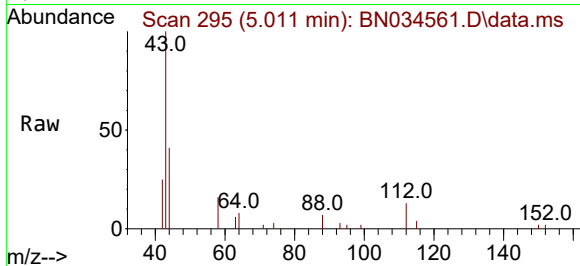




#4
2-Fluorophenol
Concen: 0.063 ng
RT: 5.011 min Scan# 290
Delta R.T. -0.000 min
Lab File: BN034561.D
Acq: 11 Oct 2024 18:47

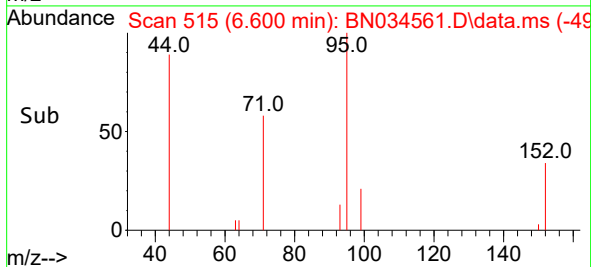
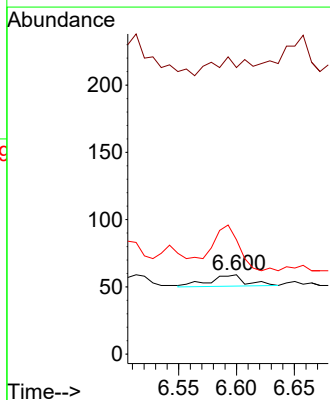
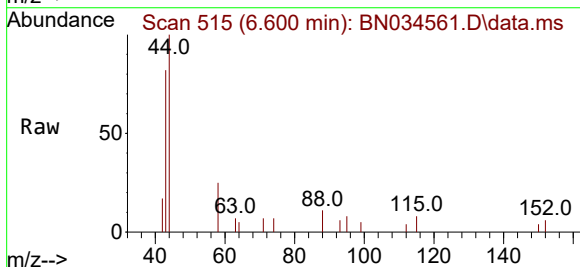
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BNA_N
ClientSampleId :
BPOW6-11-HYD-20241008

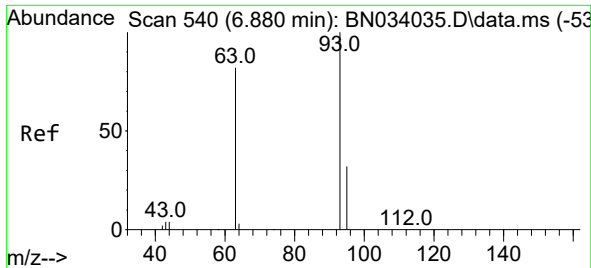
Tgt Ion:112 Resp: 571
Ion Ratio Lower Upper
112 100
64 58.0 48.6 72.8
63 30.1 25.6 38.4



#5
Phenol-d6
Concen: 0.002 ng
RT: 6.600 min Scan# 515
Delta R.T. 0.029 min
Lab File: BN034561.D
Acq: 11 Oct 2024 18:47

Tgt Ion: 99 Resp: 19
Ion Ratio Lower Upper
99 100
42 142.1 17.8 26.8#
71 263.2 26.2 39.2#

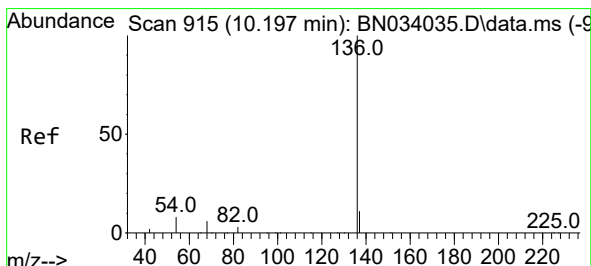
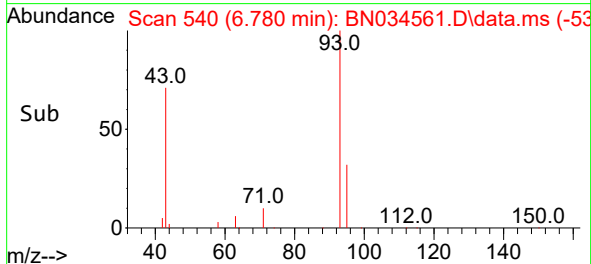
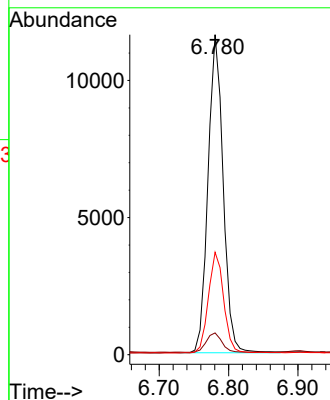
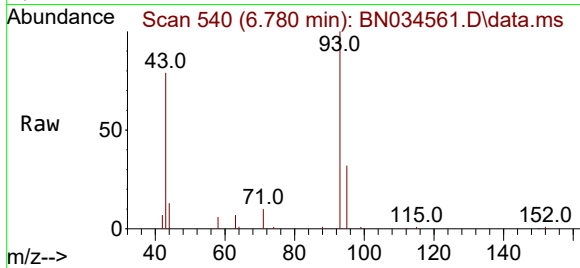




#6
bis(2-Chloroethyl)ether
Concen: 1.893 ng
RT: 6.780 min Scan# 54
Delta R.T. -0.036 min
Lab File: BN034561.D
Acq: 11 Oct 2024 18:47

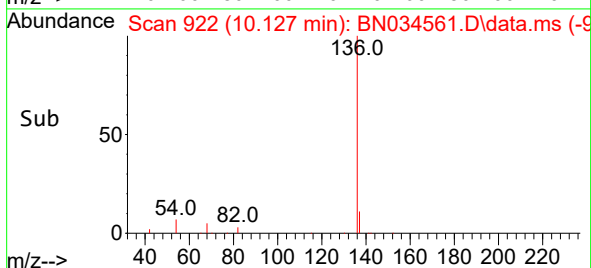
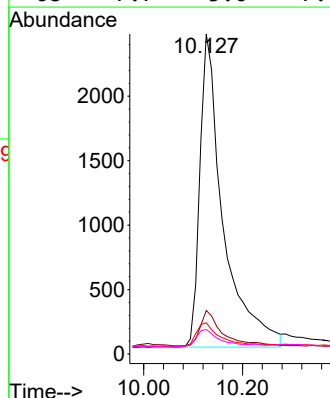
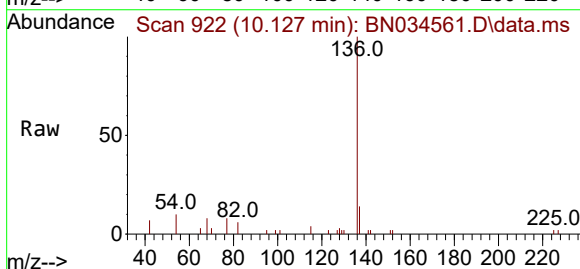
Instrument :
BNA_N
ClientSampleId :
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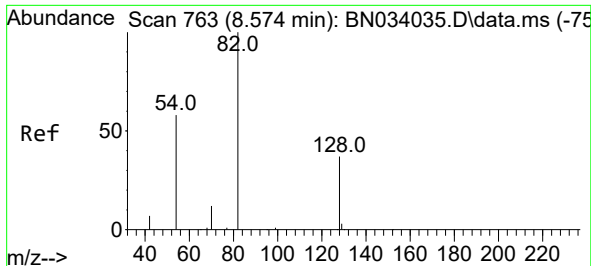
Tgt Ion: 93 Resp: 17549
Ion Ratio Lower Upper
93 100
63 6.4 67.3 100.9#
95 32.0 26.8 40.2



#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.127 min Scan# 922
Delta R.T. -0.000 min
Lab File: BN034561.D
Acq: 11 Oct 2024 18:47

Tgt Ion:136 Resp: 7927
Ion Ratio Lower Upper
136 100
137 13.6 9.0 13.6#
54 9.8 6.8 10.2
68 7.7 5.0 7.6#

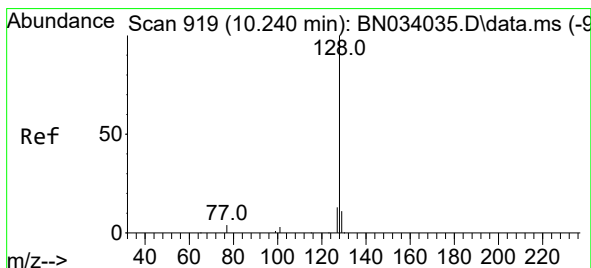
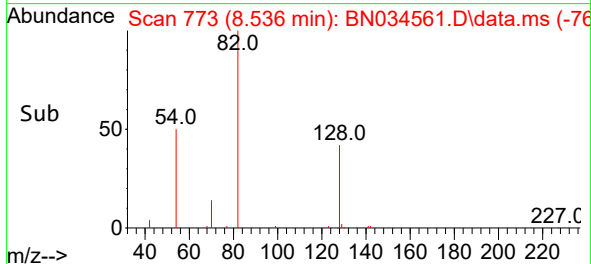
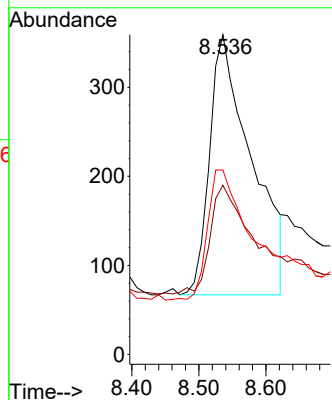
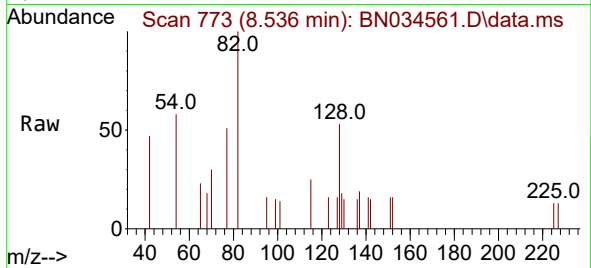




#8
Nitrobenzene-d5
Concen: 0.209 ng
RT: 8.536 min Scan# 71
Delta R.T. 0.021 min
Lab File: BN034561.D
Acq: 11 Oct 2024 18:47

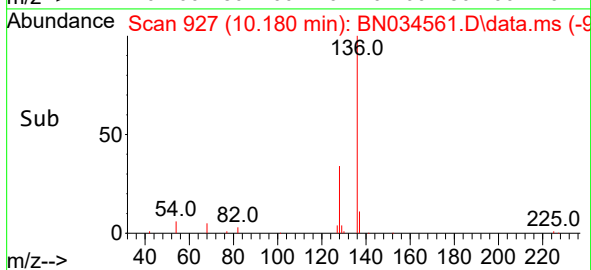
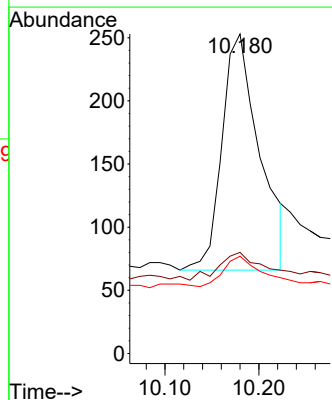
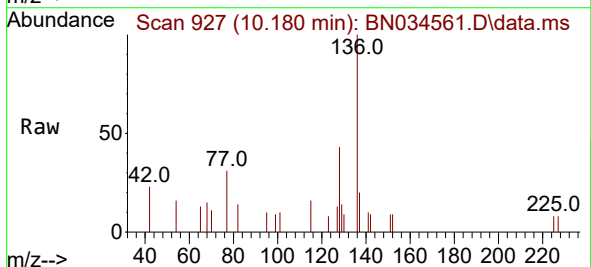
Instrument :
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ClientSampleId :
BPOW6-11-HYD-20241008

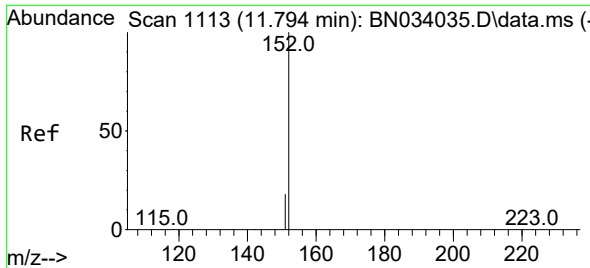
Tgt Ion: 82 Resp: 1269
Ion Ratio Lower Upper
82 100
128 52.9 31.4 47.2#
54 57.7 47.4 71.0



#9
Naphthalene
Concen: 0.024 ng
RT: 10.180 min Scan# 927
Delta R.T. 0.011 min
Lab File: BN034561.D
Acq: 11 Oct 2024 18:47

Tgt Ion: 128 Resp: 520
Ion Ratio Lower Upper
128 100
129 31.6 9.2 13.8#
127 30.4 10.7 16.1#

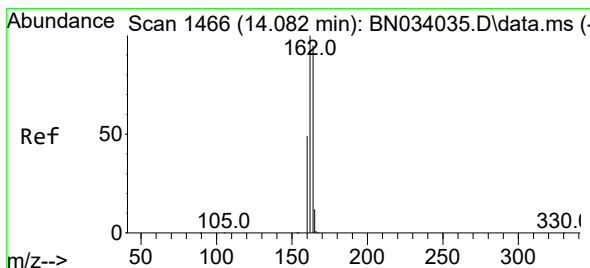
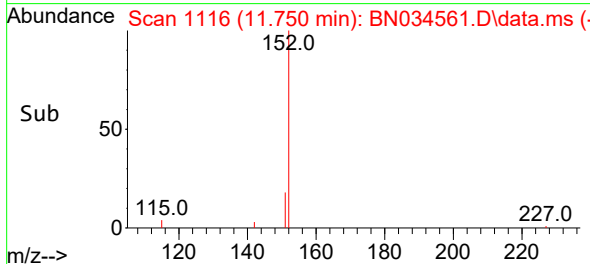
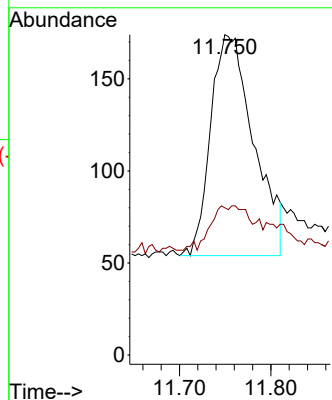
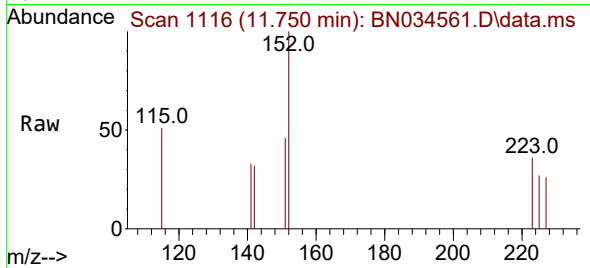




#11
2-Methylnaphthalene-d10
Concen: 0.033 ng
RT: 11.750 min Scan# 1116
Delta R.T. 0.023 min
Lab File: BN034561.D
Acq: 11 Oct 2024 18:47

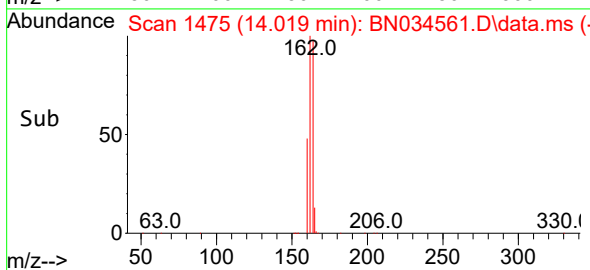
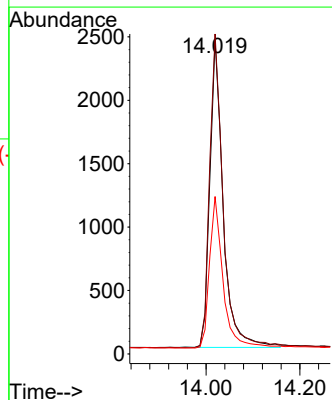
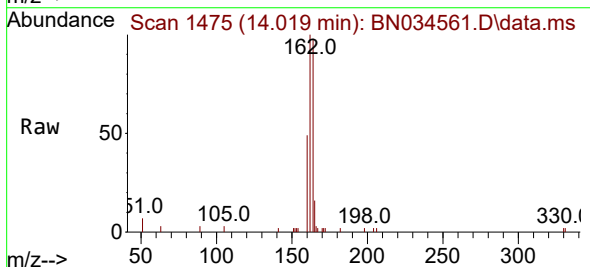
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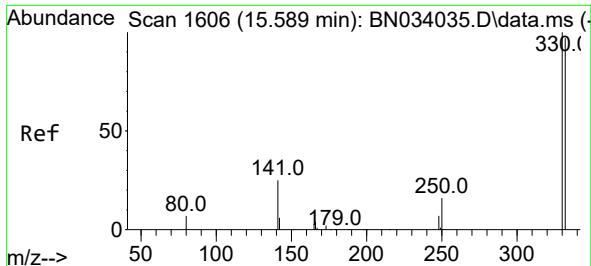
Tgt Ion:152 Resp: 392
Ion Ratio Lower Upper
152 100
151 8.4 16.8 25.2#



#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.019 min Scan# 1475
Delta R.T. 0.004 min
Lab File: BN034561.D
Acq: 11 Oct 2024 18:47

Tgt Ion:164 Resp: 4768
Ion Ratio Lower Upper
164 100
162 101.9 84.2 126.2
160 50.1 41.7 62.5

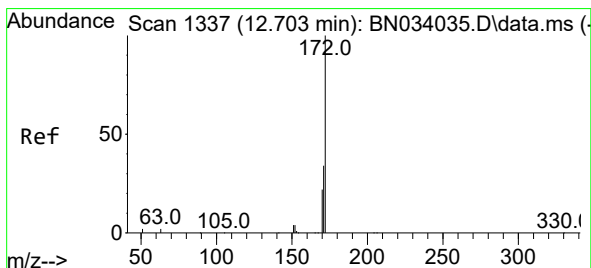
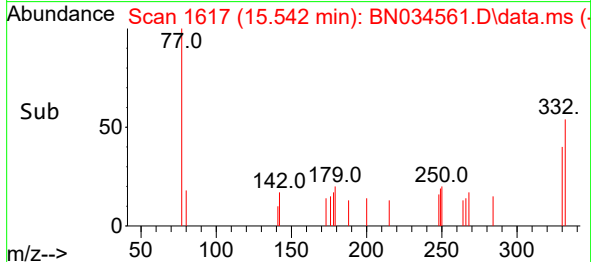
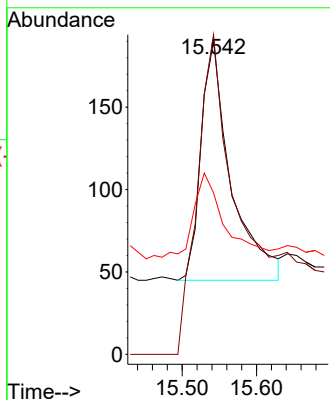
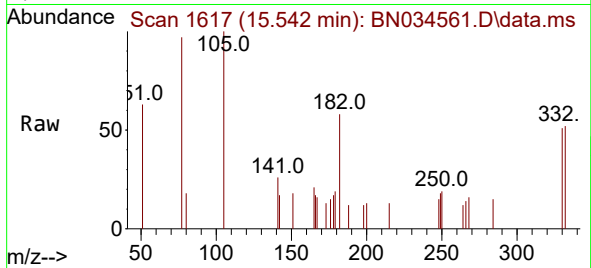




#14
2,4,6-Tribromophenol
Concen: 0.186 ng
RT: 15.542 min Scan# 1
Delta R.T. 0.005 min
Lab File: BN034561.D
Acq: 11 Oct 2024 18:47

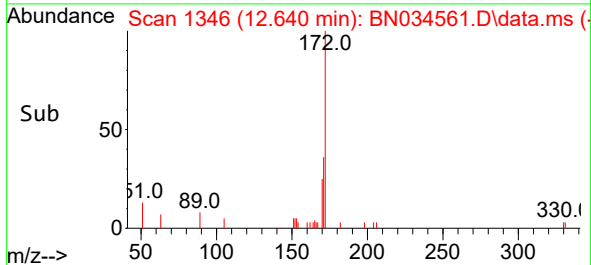
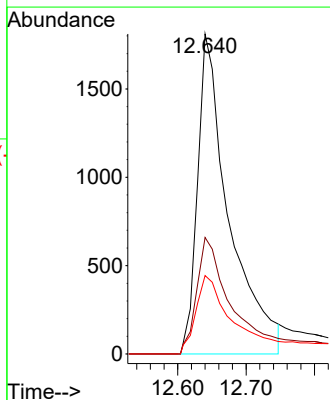
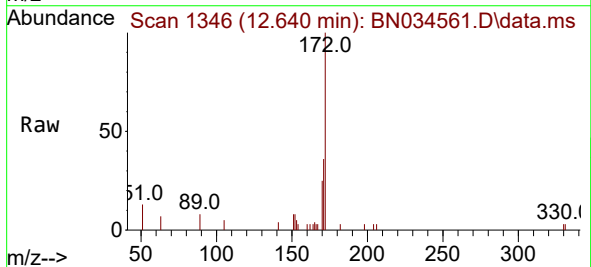
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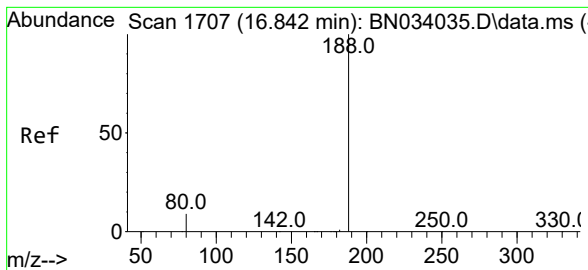
Tgt Ion:330 Resp: 402
Ion Ratio Lower Upper
330 100
332 189.1 77.4 116.0#
141 34.6 35.9 53.9#



#15
2-Fluorobiphenyl
Concen: 0.273 ng
RT: 12.640 min Scan# 1346
Delta R.T. 0.004 min
Lab File: BN034561.D
Acq: 11 Oct 2024 18:47

Tgt Ion:172 Resp: 5290
Ion Ratio Lower Upper
172 100
171 36.4 27.3 40.9
170 24.5 18.1 27.1





#19

Phenanthrene-d10

Concen: 0.400 ng

RT: 16.783 min Scan# 1

Delta R.T. 0.005 min

Lab File: BN034561.D

Acq: 11 Oct 2024 18:47

Instrument :

BNA_N

ClientSampleId :

BPOW6-11-HYD-20241008

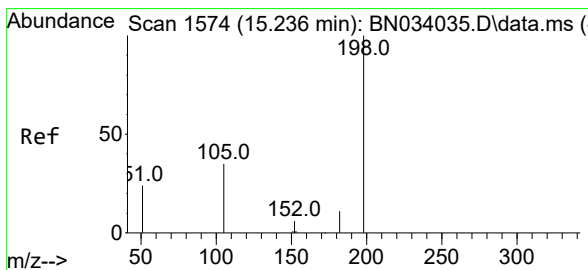
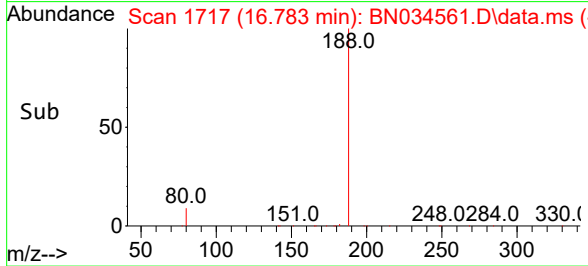
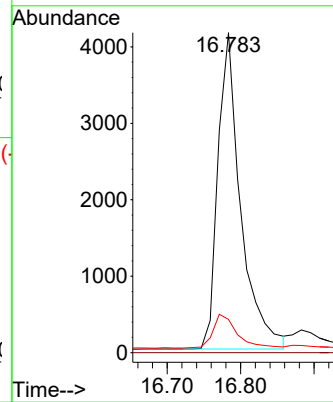
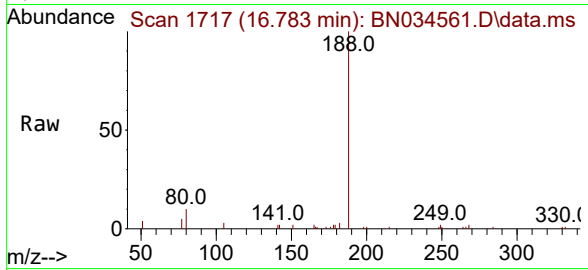
Tgt Ion:188 Resp: 8910

Ion Ratio Lower Upper

188 100

94 0.0 0.0 0.0

80 10.4 7.4 11.0



#20

4,6-Dinitro-2-methylphenol

Concen: 0.140 ng

RT: 16.299 min Scan# 1678

Delta R.T. 0.018 min

Lab File: BN034561.D

Acq: 11 Oct 2024 18:47

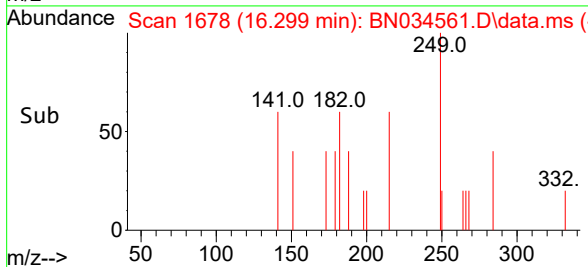
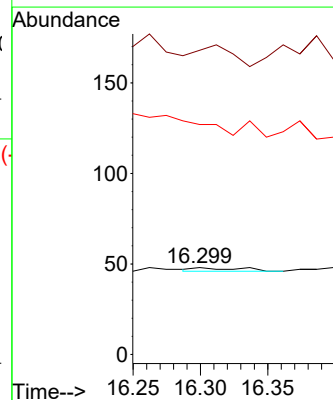
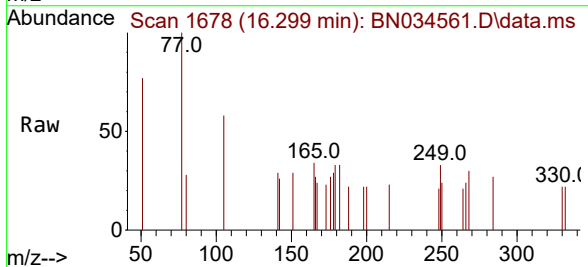
Tgt Ion:198 Resp: 4

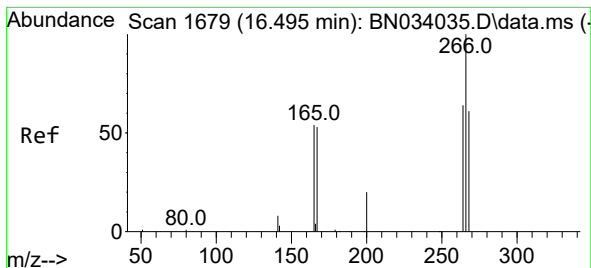
Ion Ratio Lower Upper

198 100

51 350.0 106.4 159.6#

105 264.6 38.5 57.7#





#24

Pentachlorophenol

Concen: 0.024 ng

RT: 16.486 min Scan# 1693

Delta R.T. 0.043 min

Lab File: BN034561.D

Acq: 11 Oct 2024 18:47

Instrument :

BNA_N

ClientSampleId :

BPOW6-11-HYD-20241008

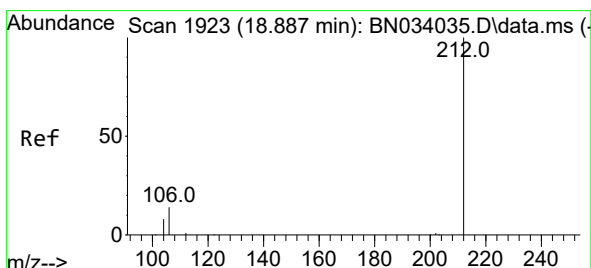
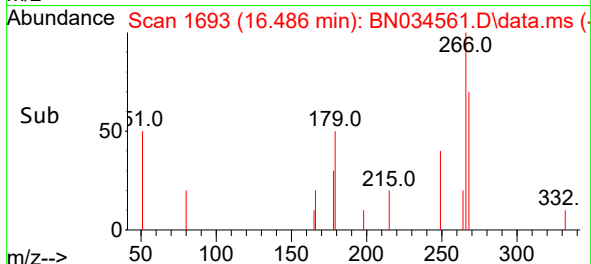
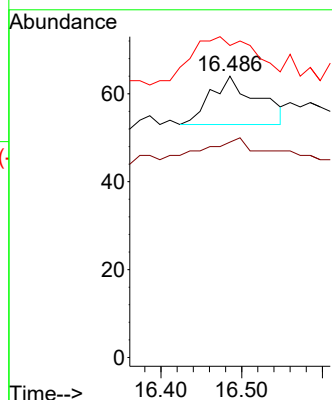
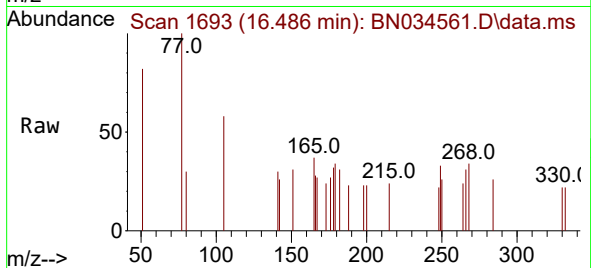
Tgt Ion:266 Resp: 44

Ion Ratio Lower Upper

266 100

264 43.2 50.2 75.2#

268 0.0 51.0 76.4#



#27

Fluoranthene-d10

Concen: 0.436 ng

RT: 18.825 min Scan# 1924

Delta R.T. -0.002 min

Lab File: BN034561.D

Acq: 11 Oct 2024 18:47

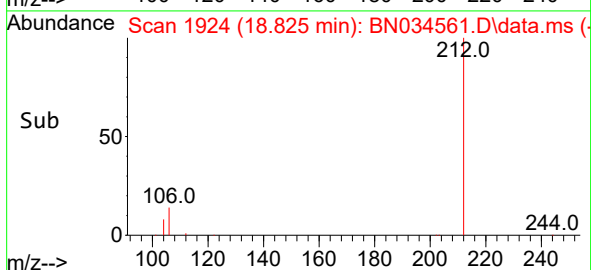
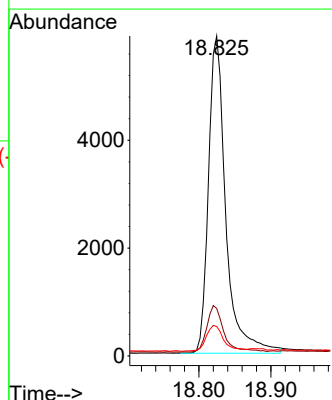
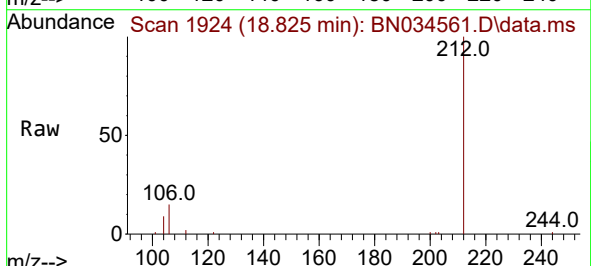
Tgt Ion:212 Resp: 9810

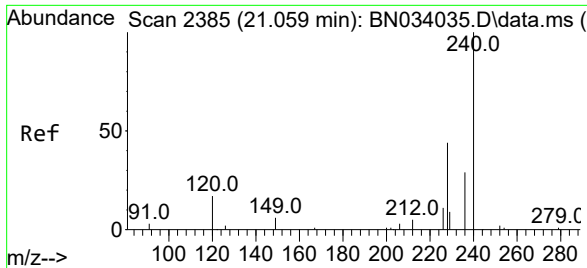
Ion Ratio Lower Upper

212 100

106 14.5 13.4 20.2

104 8.2 7.8 11.6

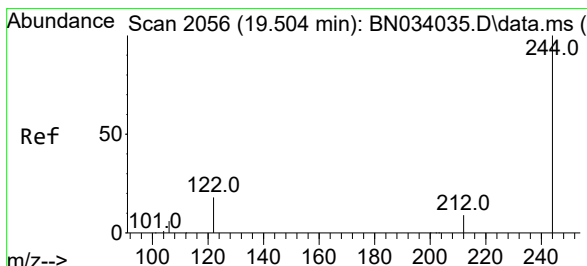
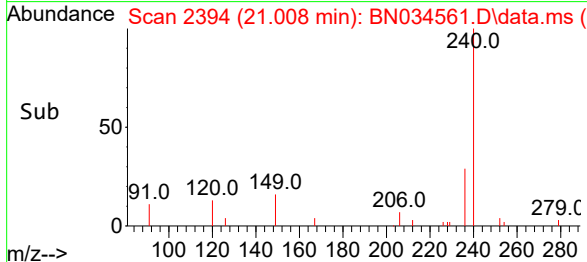
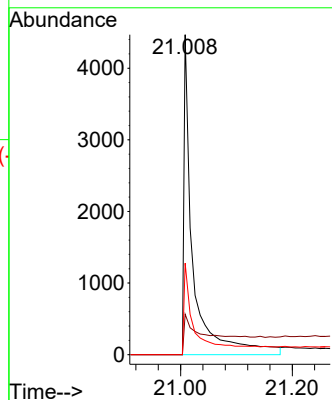
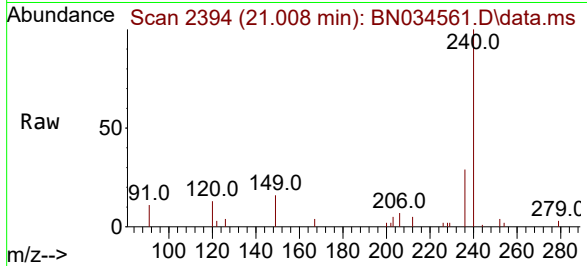




#29
Chrysene-d12
Concen: 0.400 ng
RT: 21.008 min Scan# 21
Delta R.T. 0.002 min
Lab File: BN034561.D
Acq: 11 Oct 2024 18:47

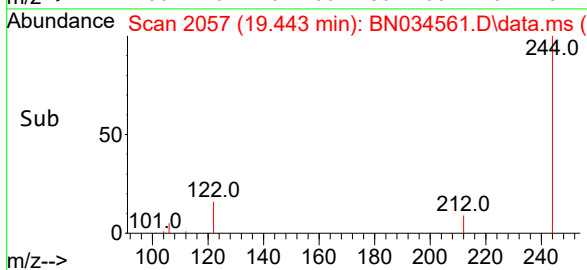
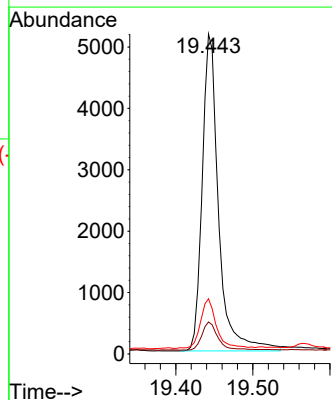
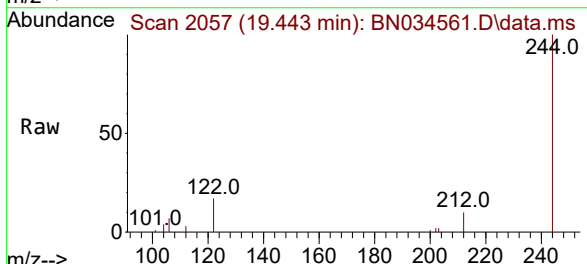
Instrument :
BNA_N
ClientSampleId :
BPOW6-11-HYD-20241008

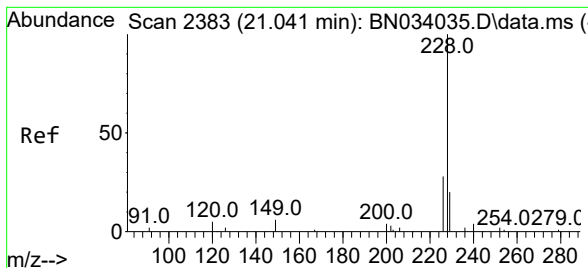
Tgt Ion:240 Resp: 5350
Ion Ratio Lower Upper
240 100
120 12.6 13.5 20.3#
236 28.6 23.4 35.0



#31
Terphenyl-d14
Concen: 0.715 ng
RT: 19.443 min Scan# 2057
Delta R.T. -0.007 min
Lab File: BN034561.D
Acq: 11 Oct 2024 18:47

Tgt Ion:244 Resp: 7638
Ion Ratio Lower Upper
244 100
212 10.0 7.8 11.6
122 17.3 14.8 22.2





#32

Benzo(a)anthracene

Concen: 0.026 ng

RT: 21.035 min Scan# 21

Delta R.T. 0.029 min

Lab File: BN034561.D

Acq: 11 Oct 2024 18:47

Instrument :

BNA_N

ClientSampleId :

BPOW6-11-HYD-20241008

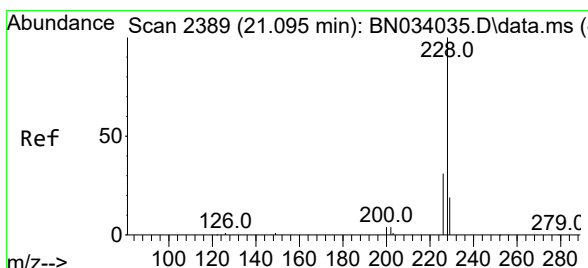
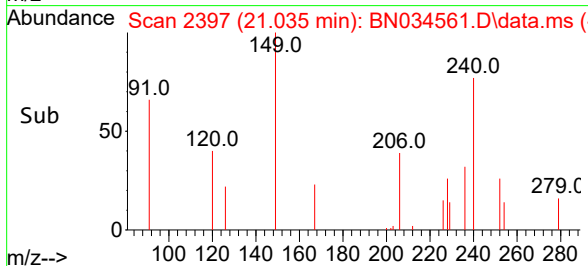
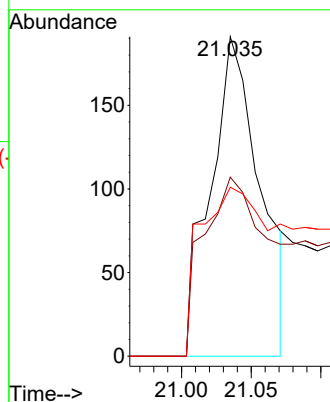
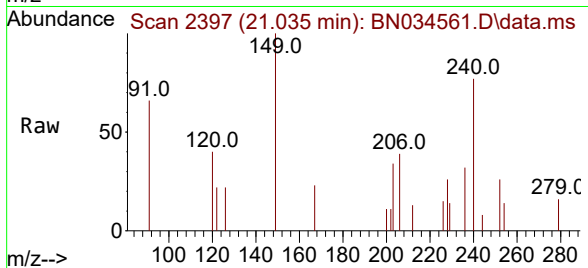
Tgt Ion:228 Resp: 435

Ion Ratio Lower Upper

228 100

226 56.0 22.3 33.5#

229 52.9 15.7 23.5#



#33

Chrysene

Concen: 0.027 ng

RT: 21.035 min Scan# 2397

Delta R.T. -0.007 min

Lab File: BN034561.D

Acq: 11 Oct 2024 18:47

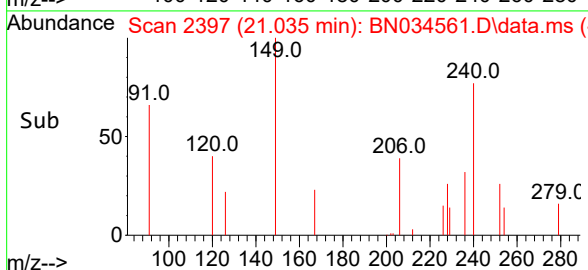
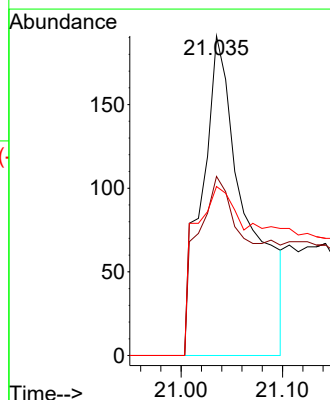
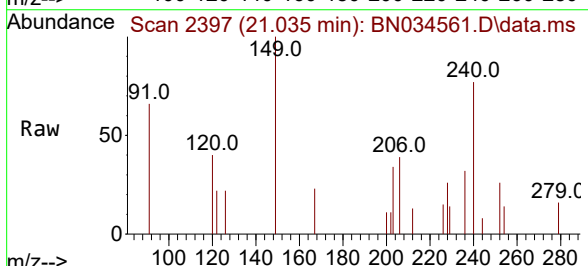
Tgt Ion:228 Resp: 545

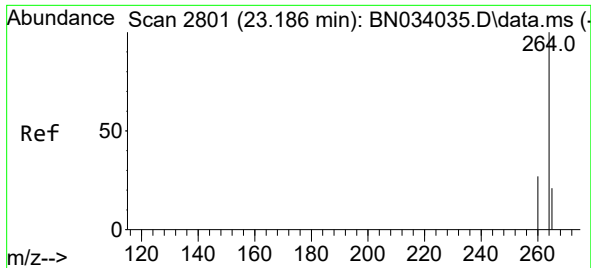
Ion Ratio Lower Upper

228 100

226 56.0 24.6 37.0#

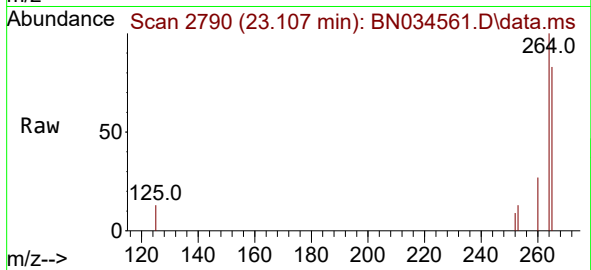
229 52.9 15.5 23.3#





#35
 Perylene-d12
 Concen: 0.400 ng
 RT: 23.107 min Scan# 21
 Delta R.T. -0.007 min
 Lab File: BN034561.D
 Acq: 11 Oct 2024 18:47

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



Tgt Ion:264 Resp: 9918
 Ion Ratio Lower Upper
 264 100
 260 26.6 21.7 32.5
 265 83.1 52.1 78.1#

