

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

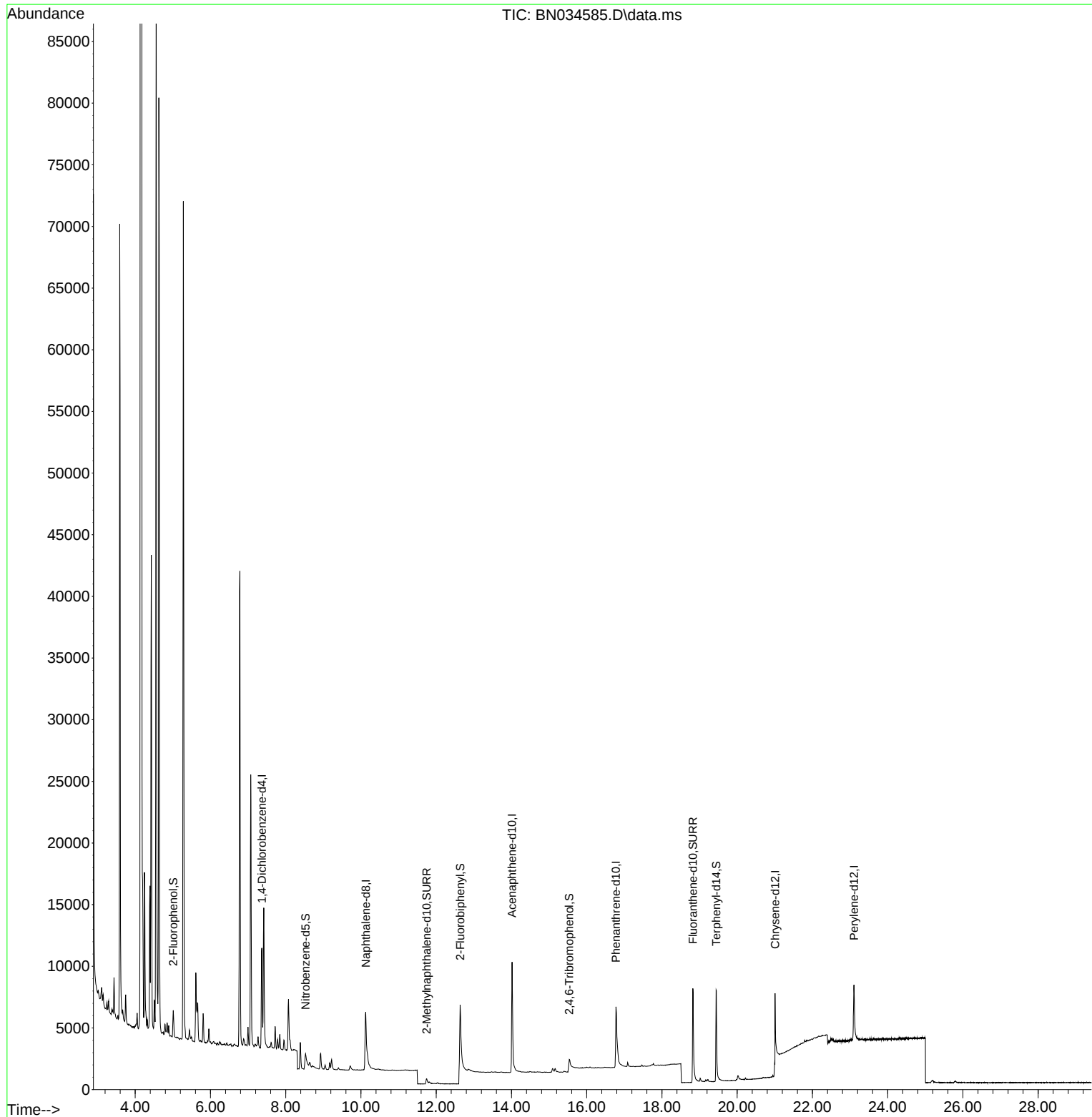
Target Compounds Qvalue

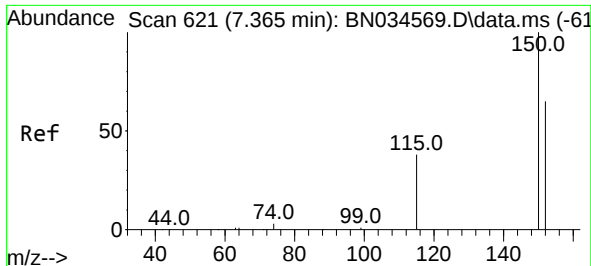
 (#) = qualifier out of range (m) = manual integration (+) = signals summed

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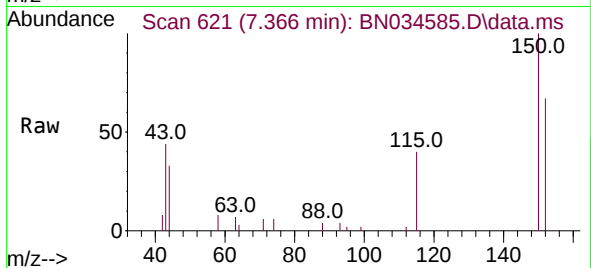
Quant Time: Oct 15 00:07:16 2024
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Response via : Initial Calibration



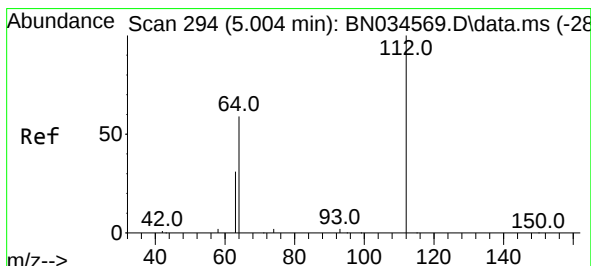
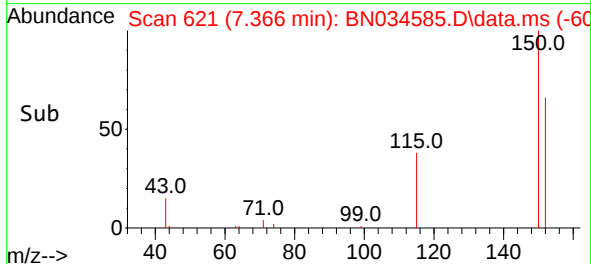
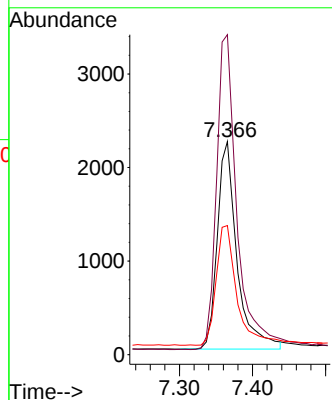


#1
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.366 min Scan# 61
Delta R.T. 0.001 min
Lab File: BN034585.D
Acq: 14 Oct 2024 23:31

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

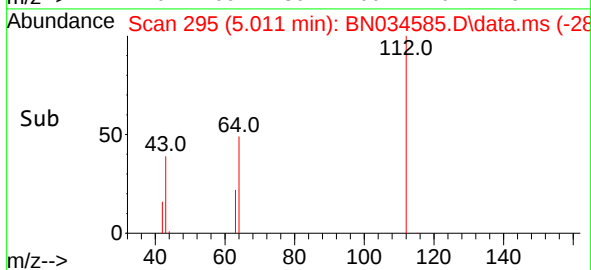
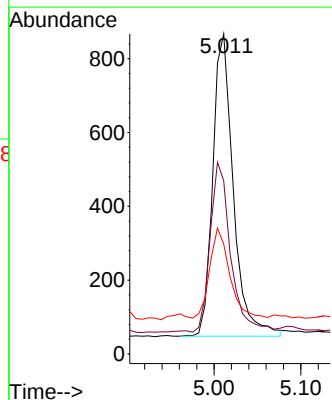
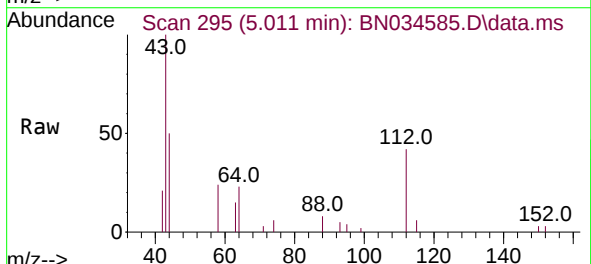


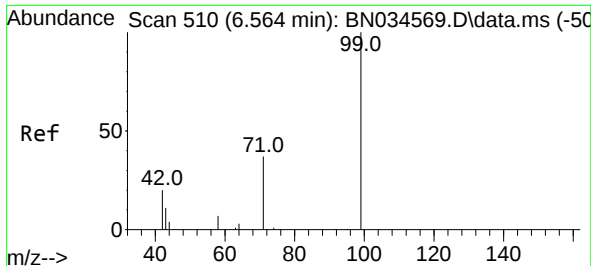
Tgt Ion:152 Resp: 4163
Ion Ratio Lower Upper
152 100
150 150.1 122.0 183.0
115 60.5 48.3 72.5



#4
2-Fluorophenol
Concen: 0.119 ng
RT: 5.011 min Scan# 295
Delta R.T. 0.007 min
Lab File: BN034585.D
Acq: 14 Oct 2024 23:31

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

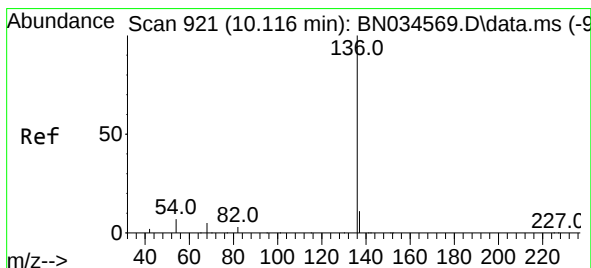
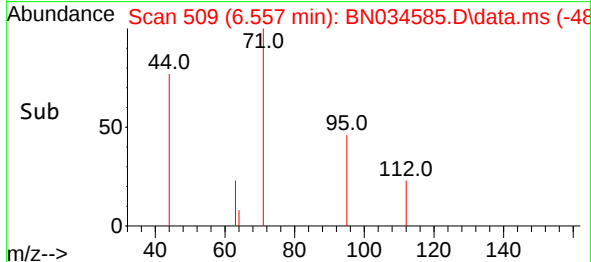
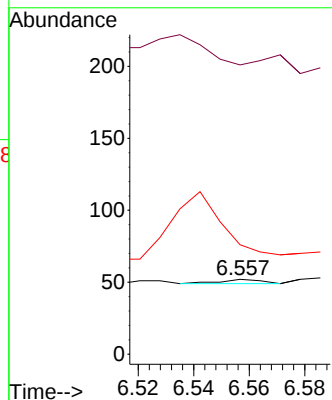
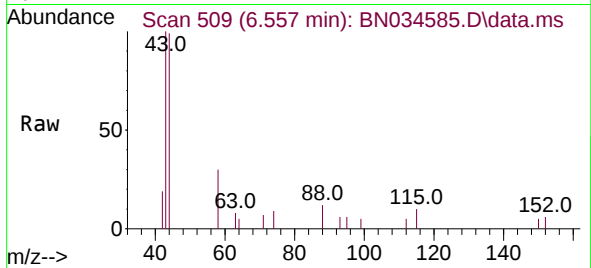




#5
Phenol-d6
Concen: 0.000 ng
RT: 6.557 min Scan# 509
Delta R.T. -0.007 min
Lab File: BN034585.D
Acq: 14 Oct 2024 23:31

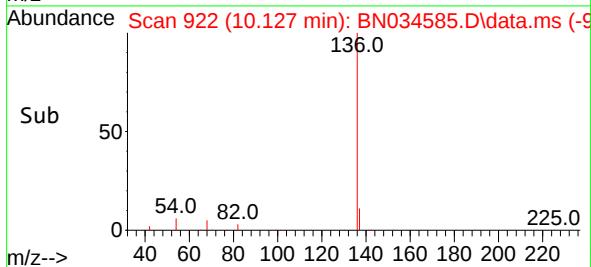
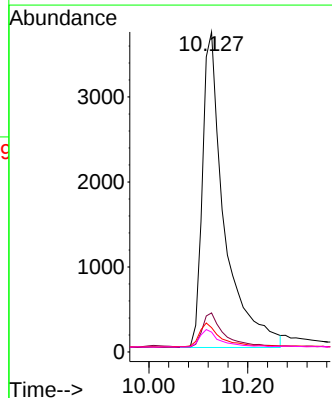
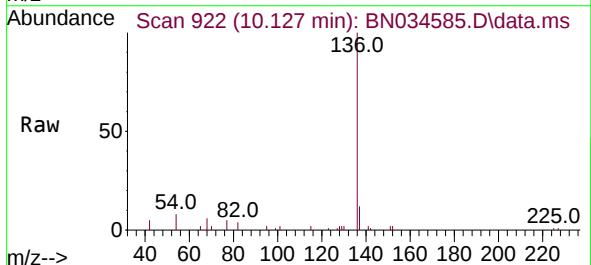
Instrument :
BNA_N
ClientSampleId :
BPOW6-11-HYD-20241001RE

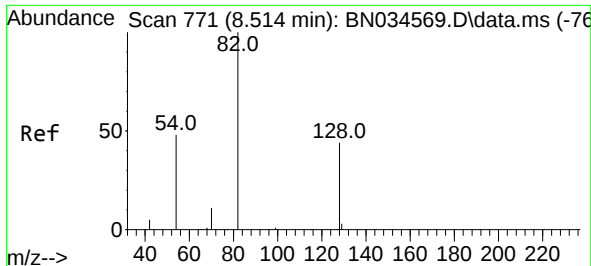
Tgt Ion: 99 Resp: 3
Ion Ratio Lower Upper
99 100
42 0.0 15.0 22.6#
71 0.0 28.0 42.0#



#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

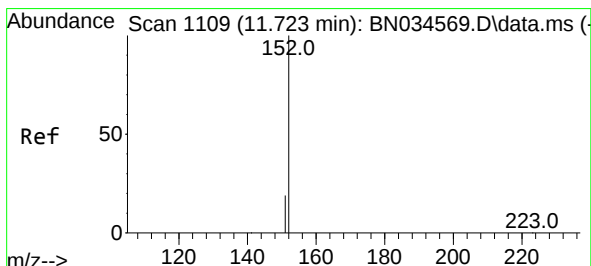
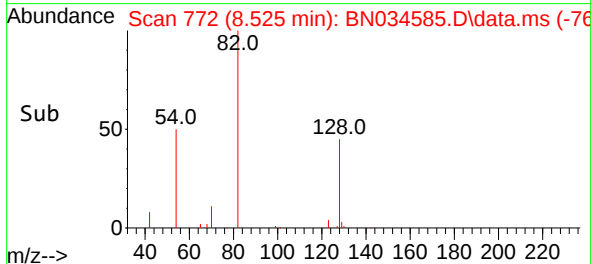
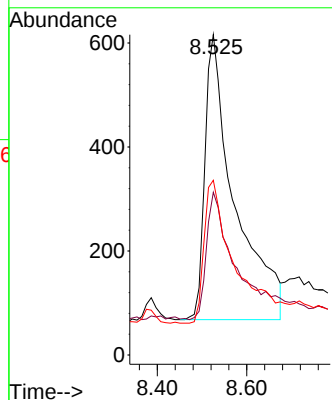
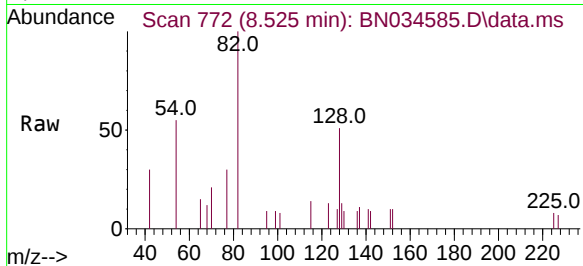




#8
Nitrobenzene-d5
Concen: 0.339 ng
RT: 8.525 min Scan# 71
Delta R.T. 0.011 min
Lab File: BN034585.D
Acq: 14 Oct 2024 23:31

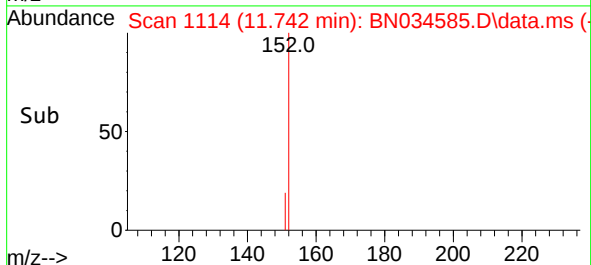
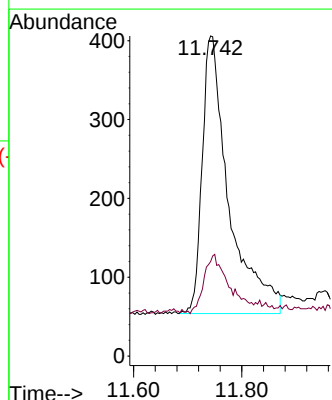
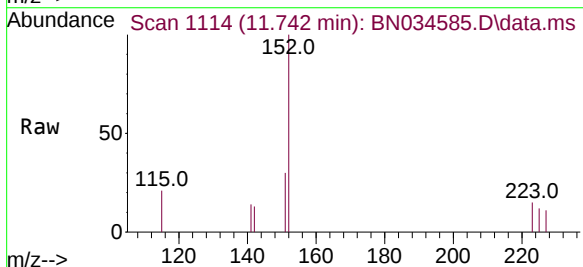
Instrument :
BNA_N
ClientSampleId :
BPOW6-11-HYD-20241001RE

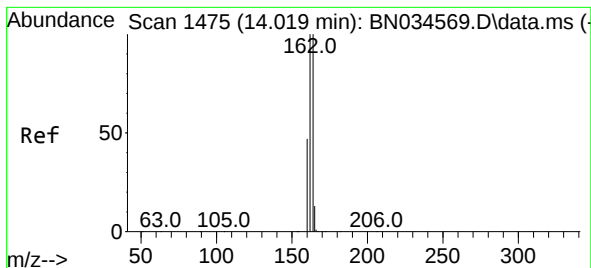
Tgt Ion: 82 Resp: 2524
Ion Ratio Lower Upper
82 100
128 50.8 38.0 57.0
54 54.5 40.6 60.8



#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

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# 1475

Delta R.T. -0.004 min

Lab File: BN034585.D

Acq: 14 Oct 2024 23:31

Instrument :

BNA_N

ClientSampleId :

BPOW6-11-HYD-20241001RE

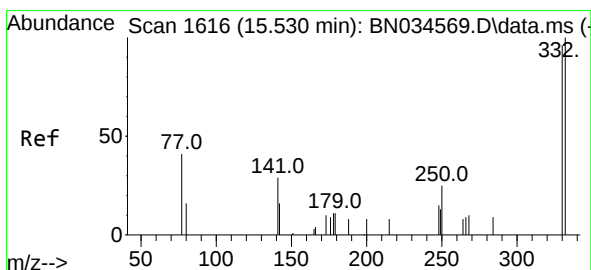
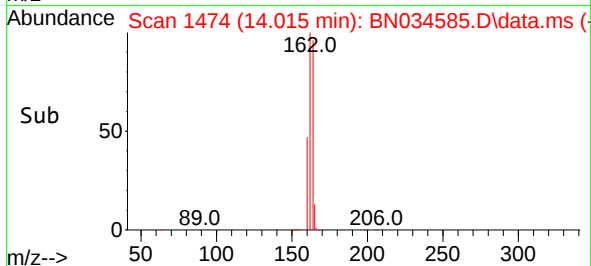
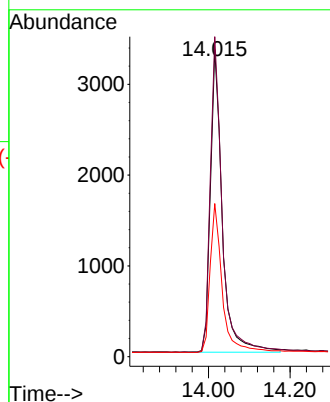
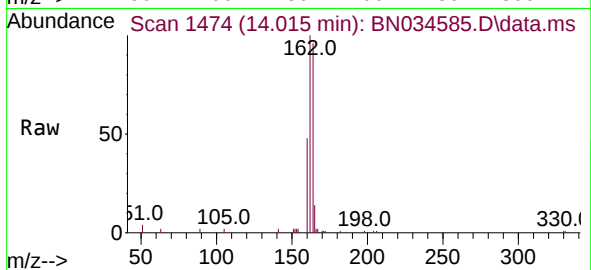
Tgt Ion:164 Resp: 6745

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# 1616

Delta R.T. 0.007 min

Lab File: BN034585.D

Acq: 14 Oct 2024 23:31

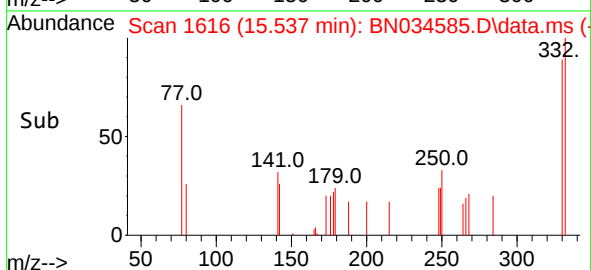
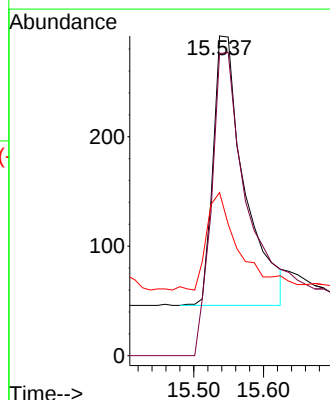
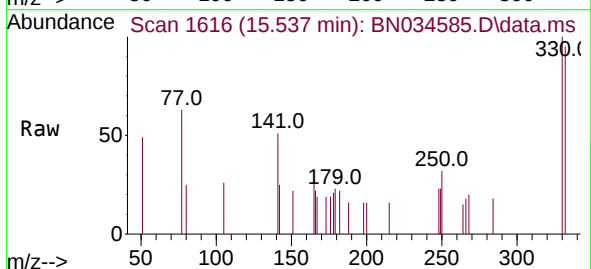
Tgt Ion:330 Resp: 743

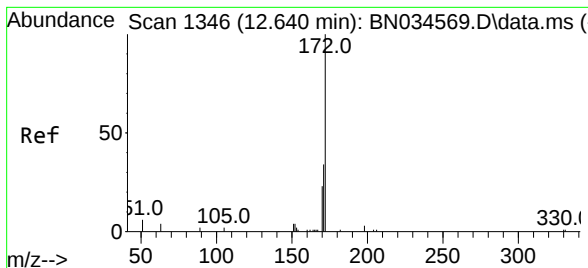
Ion Ratio Lower Upper

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# 11

Delta R.T. -0.004 min

Lab File: BN034585.D

Acq: 14 Oct 2024 23:31

Instrument :

BNA_N

ClientSampleId :

BPOW6-11-HYD-20241001RE

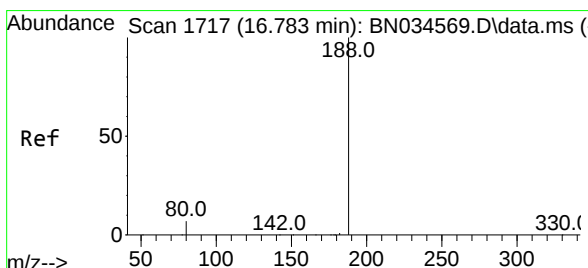
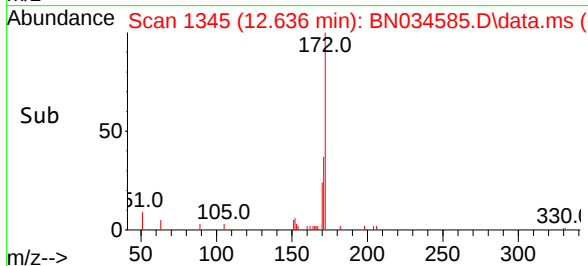
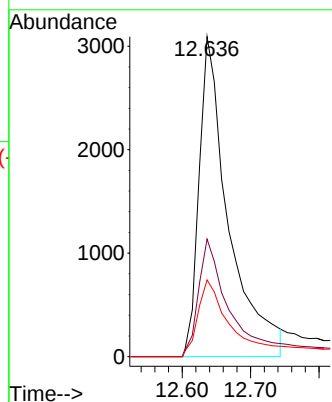
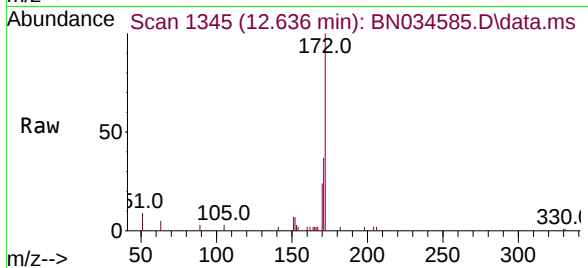
Tgt Ion:172 Resp: 8477

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# 1716

Delta R.T. -0.005 min

Lab File: BN034585.D

Acq: 14 Oct 2024 23:31

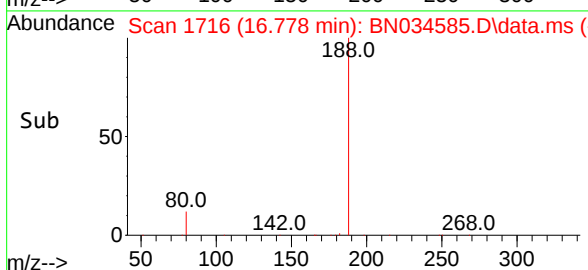
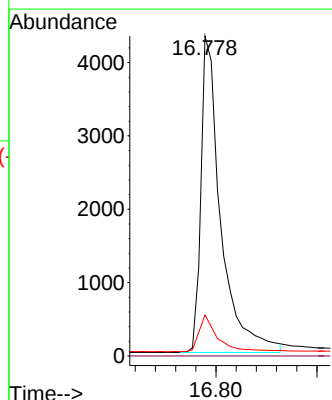
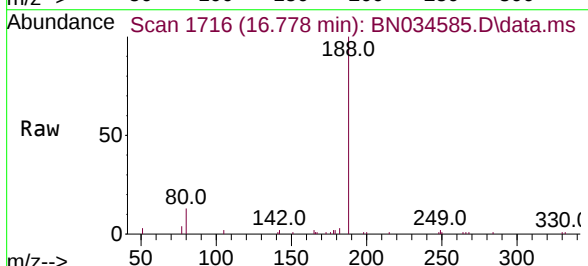
Tgt Ion:188 Resp: 11809

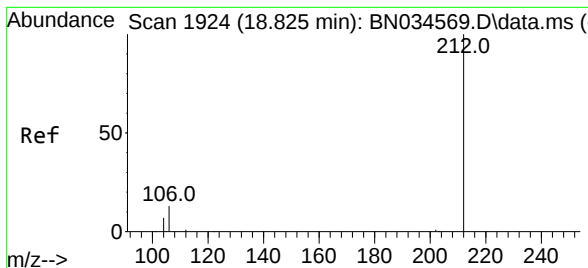
Ion Ratio Lower Upper

188 100

94 0.0 0.0 0.0

80 12.8 6.3 9.5#

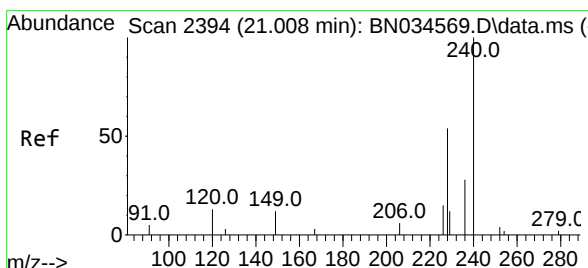
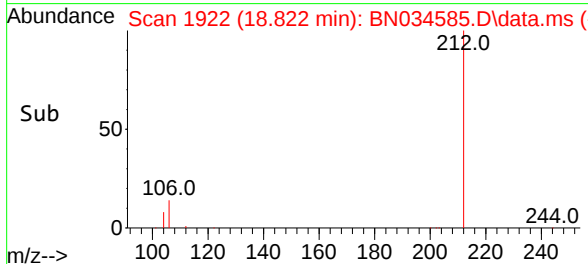
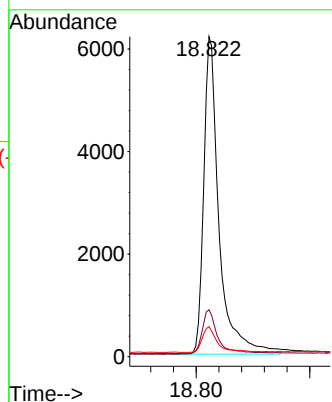
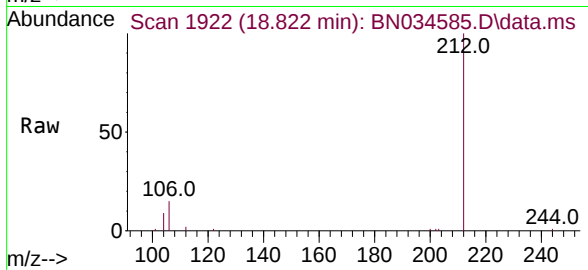




#27
Fluoranthene-d10
Concen: 0.403 ng
RT: 18.822 min Scan# 1924
Delta R.T. -0.002 min
Lab File: BN034585.D
Acq: 14 Oct 2024 23:31

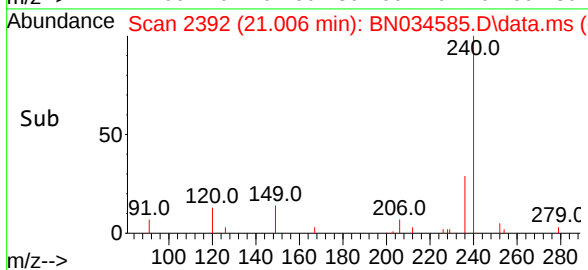
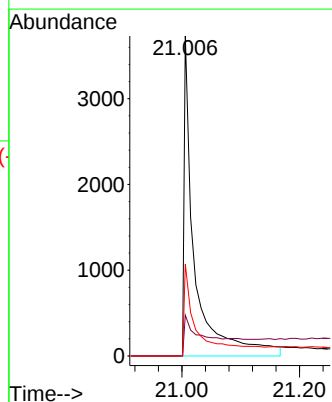
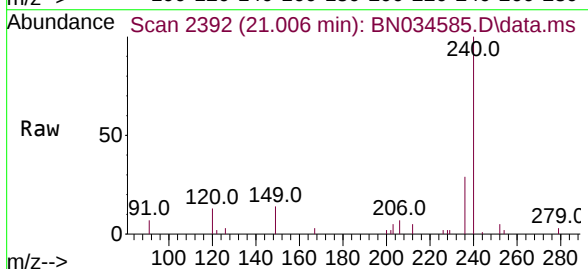
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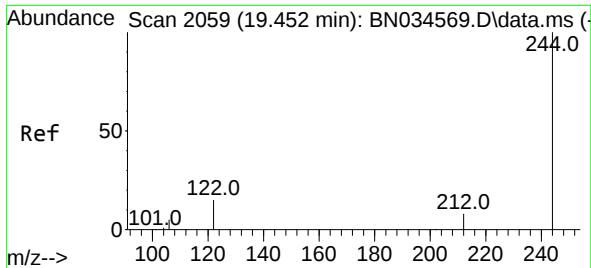
Tgt Ion:212 Resp: 11564
Ion Ratio Lower Upper
212 100
106 13.8 11.1 16.7
104 8.0 6.5 9.7



#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

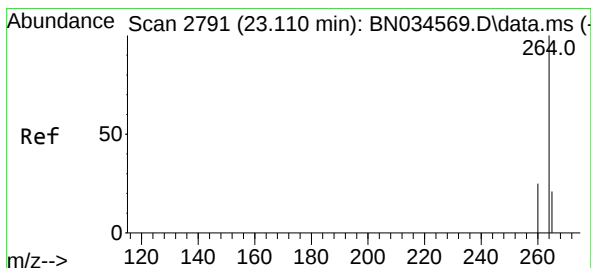
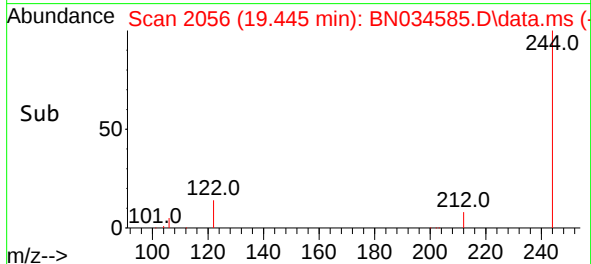
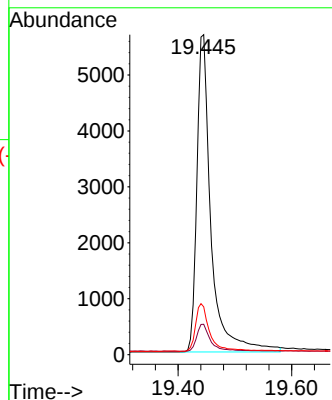
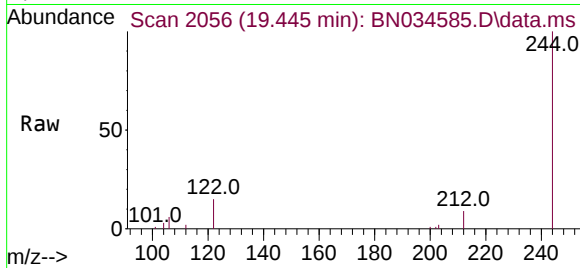




#31
Terphenyl-d14
Concen: 0.473 ng
RT: 19.445 min Scan# 2056
Delta R.T. -0.007 min
Lab File: BN034585.D
Acq: 14 Oct 2024 23:31

Instrument :
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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#

