

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN092124\
 Data File : BN034107.D
 Acq On : 21 Sep 2024 03:52
 Operator : JU/RC
 Sample : P4003-16
 Misc :
 ALS Vial : 70 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 RE108D2-20240913

Quant Time: Sep 21 04:23:18 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN091924.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Sep 18 16:09:28 2024
 Response via : Initial Calibration

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

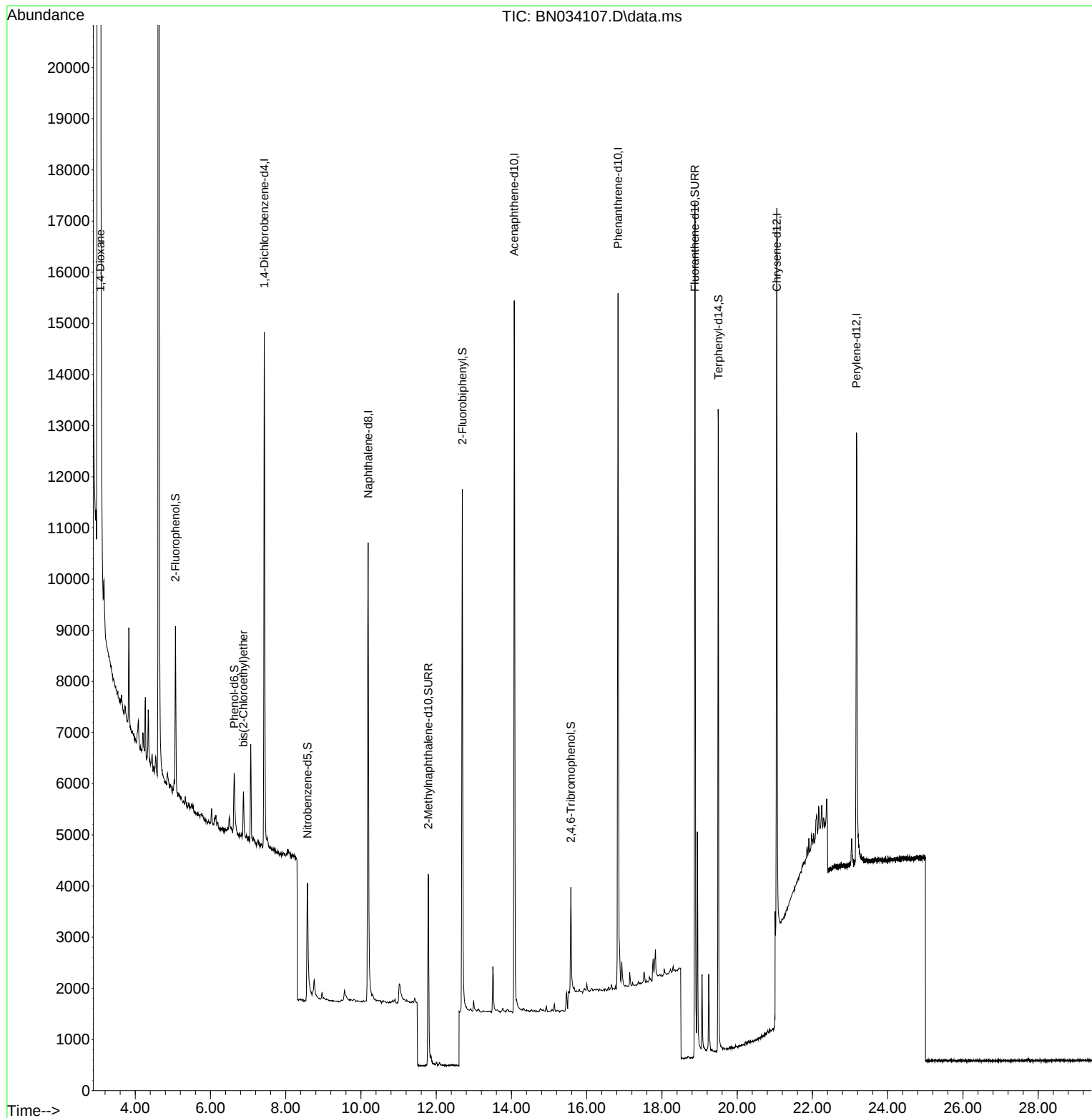
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.431	152	4883	0.400	ng	0.00
7) Naphthalene-d8	10.191	136	13576	0.400	ng	0.00
13) Acenaphthene-d10	14.073	164	8353	0.400	ng	0.00
19) Phenanthrene-d10	16.833	188	18003	0.400	ng	# 0.00
29) Chrysene-d12	21.053	240	13959	0.400	ng	# 0.00
35) Perylene-d12	23.171	264	11697	0.400	ng	-0.01
System Monitoring Compounds						
4) 2-Fluorophenol	5.069	112	2417	0.174	ng	0.00
5) Phenol-d6	6.629	99	1414	0.088	ng	0.00
8) Nitrobenzene-d5	8.579	82	2741	0.264	ng	0.00
11) 2-Methylnaphthalene-d10	11.788	152	5927	0.296	ng	0.00
14) 2,4,6-Tribromophenol	15.580	330	994	0.263	ng	0.00
15) 2-Fluorobiphenyl	12.693	172	9439	0.278	ng	0.00
27) Fluoranthene-d10	18.876	212	18329	0.404	ng	-0.01
31) Terphenyl-d14	19.498	244	12125	0.435	ng	0.00
Target Compounds						
2) 1,4-Dioxane	3.068	88	12591	2.063	ng	# 86
6) bis(2-Chloroethyl)ether	6.874	93	673	0.047	ng	99

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

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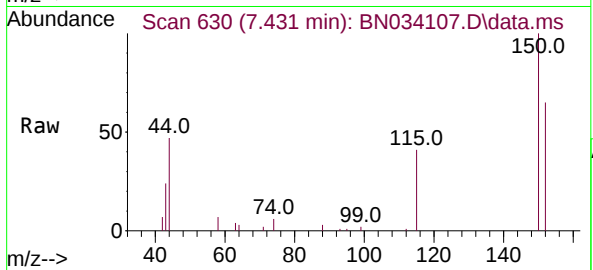
Quant Time: Sep 21 04:23:18 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN091924.M
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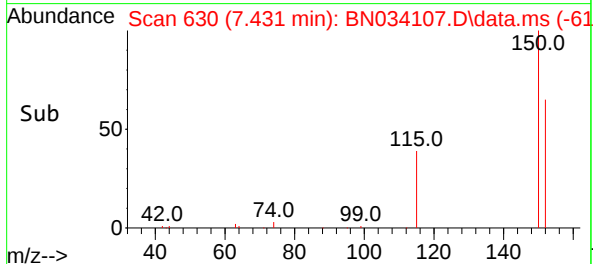
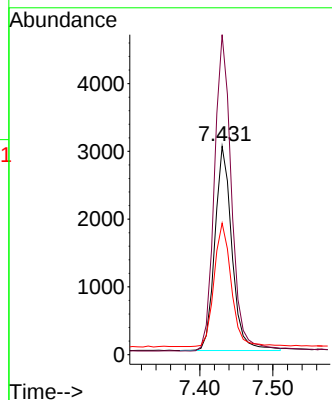


#1
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.431 min Scan# 61
Delta R.T. -0.006 min
Lab File: BN034107.D
Acq: 21 Sep 2024 03:52

Instrument :
BNA_N
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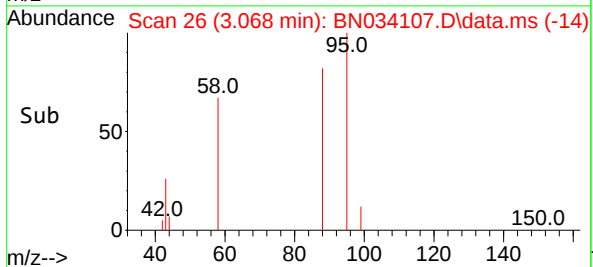
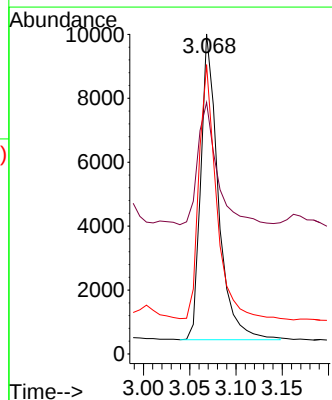
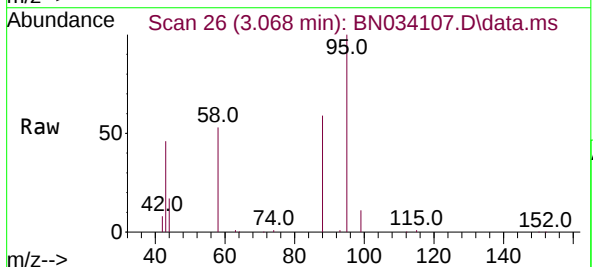


Tgt Ion:152 Resp: 4883
Ion Ratio Lower Upper
152 100
150 153.6 124.6 187.0
115 63.1 50.0 75.0



#2
1,4-Dioxane
Concen: 2.063 ng
RT: 3.068 min Scan# 26
Delta R.T. -0.013 min
Lab File: BN034107.D
Acq: 21 Sep 2024 03:52

Tgt Ion: 88 Resp: 12591
Ion Ratio Lower Upper
88 100
43 44.1 25.8 38.8#
58 82.4 58.8 88.2

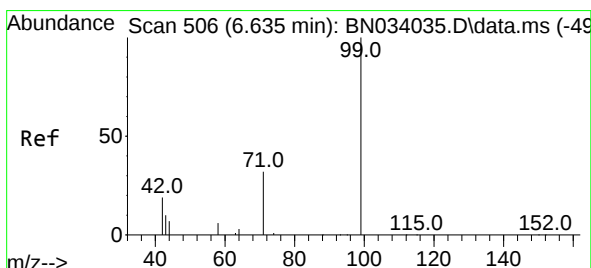
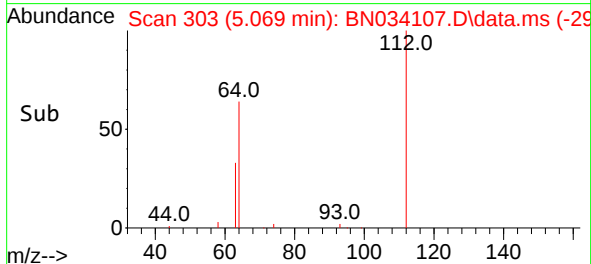
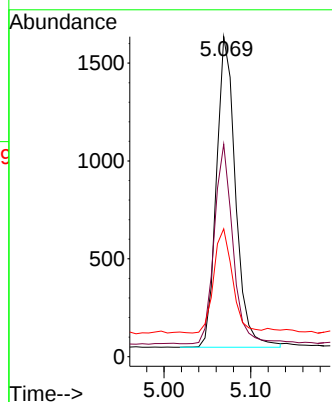
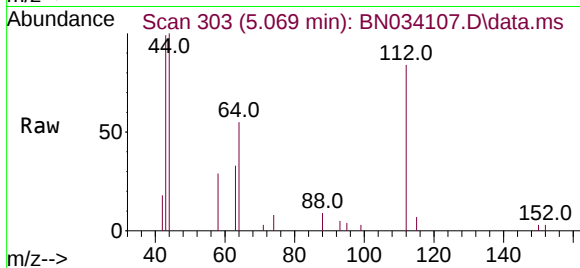




#4
2-Fluorophenol
Concen: 0.174 ng
RT: 5.069 min Scan# 30
Delta R.T. -0.006 min
Lab File: BN034107.D
Acq: 21 Sep 2024 03:52

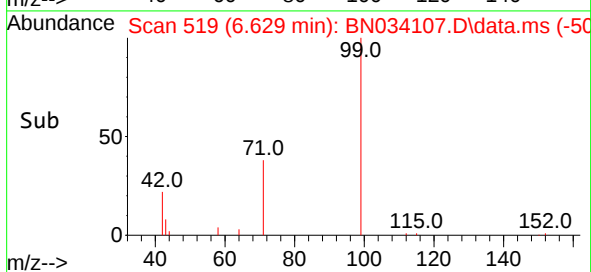
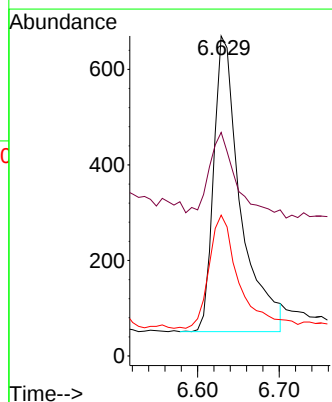
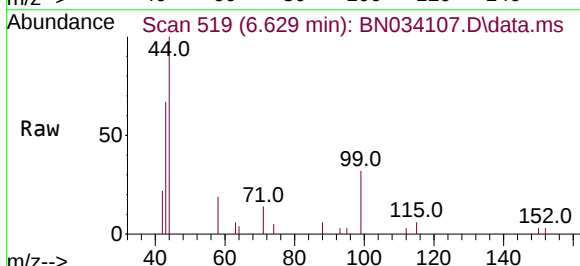
Instrument :
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ClientSampleId :
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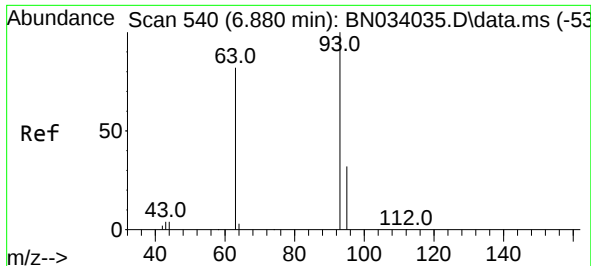
Tgt Ion:112 Resp: 2417
Ion Ratio Lower Upper
112 100
64 62.9 48.6 72.8
63 33.3 25.6 38.4



#5
Phenol-d6
Concen: 0.088 ng
RT: 6.629 min Scan# 519
Delta R.T. -0.006 min
Lab File: BN034107.D
Acq: 21 Sep 2024 03:52

Tgt Ion: 99 Resp: 1414
Ion Ratio Lower Upper
99 100
42 24.8 17.8 26.8
71 41.7 26.2 39.2#

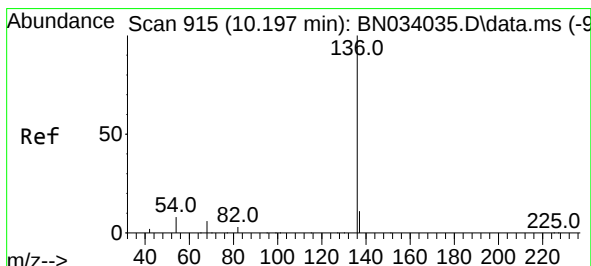
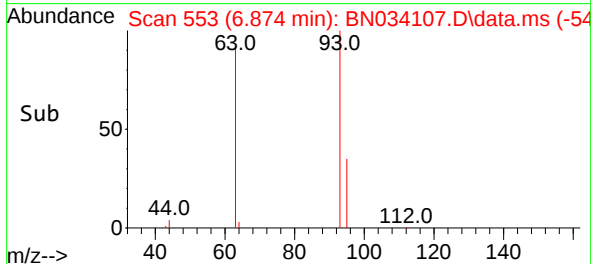
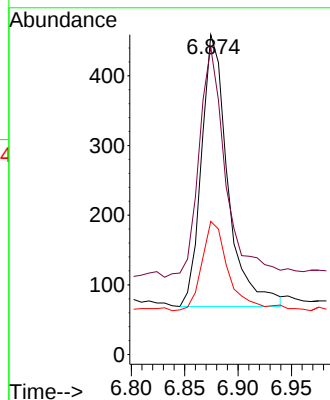
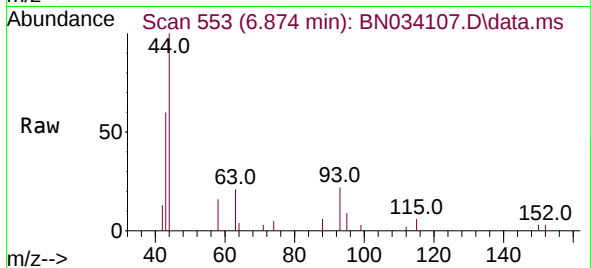




#6
bis(2-Chloroethyl)ether
Concen: 0.047 ng
RT: 6.874 min Scan# 511
Delta R.T. -0.006 min
Lab File: BN034107.D
Acq: 21 Sep 2024 03:52

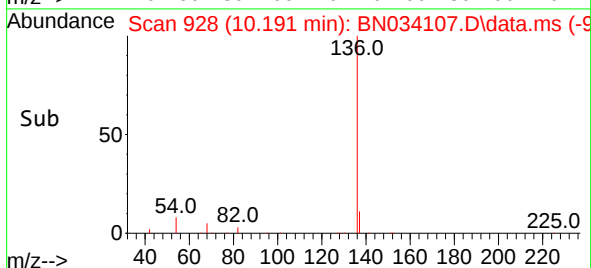
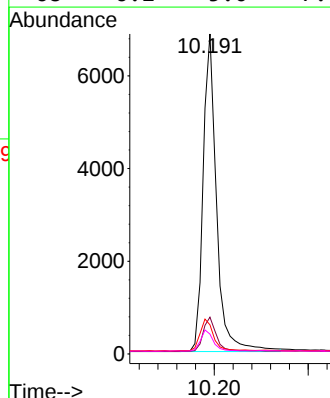
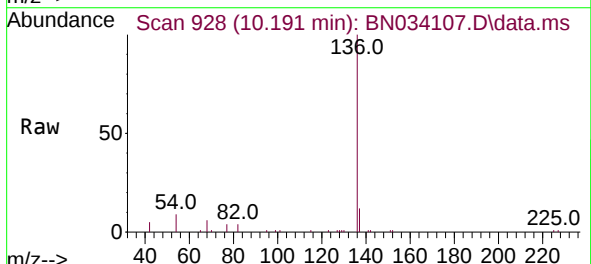
Instrument :
BNA_N
ClientSampleId :
RE108D2-20240913

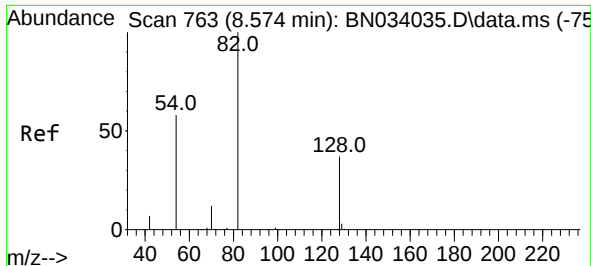
Tgt Ion: 93 Resp: 673
Ion Ratio Lower Upper
93 100
63 85.1 67.3 100.9
95 33.4 26.8 40.2



#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.191 min Scan# 928
Delta R.T. -0.006 min
Lab File: BN034107.D
Acq: 21 Sep 2024 03:52

Tgt Ion: 136 Resp: 13576
Ion Ratio Lower Upper
136 100
137 11.5 9.0 13.6
54 9.1 6.8 10.2
68 6.2 5.0 7.6

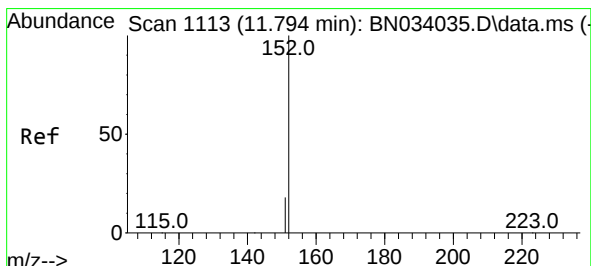
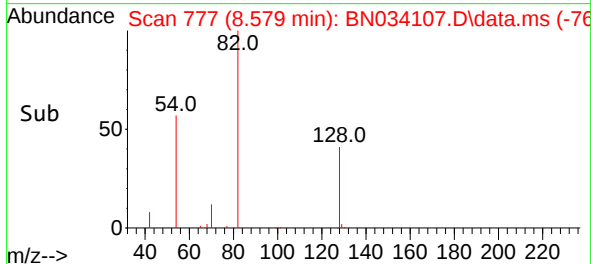
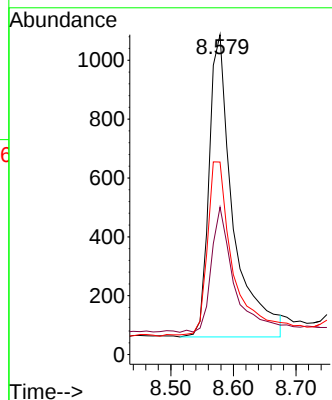
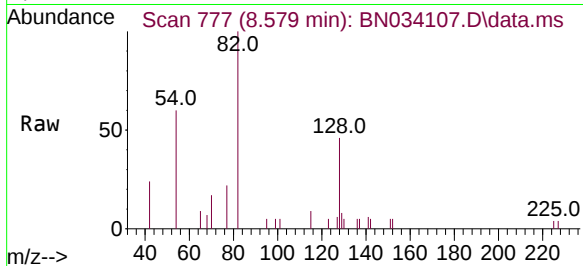




#8
Nitrobenzene-d5
Concen: 0.264 ng
RT: 8.579 min Scan# 71
Delta R.T. 0.005 min
Lab File: BN034107.D
Acq: 21 Sep 2024 03:52

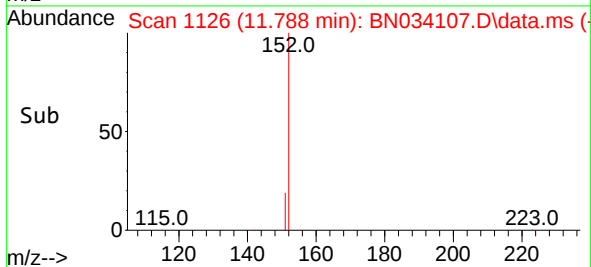
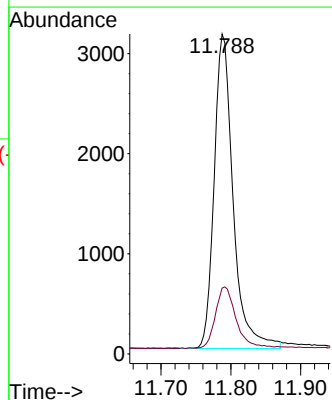
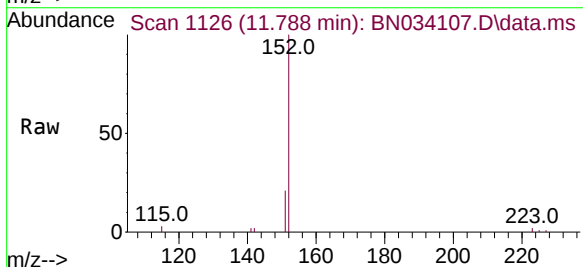
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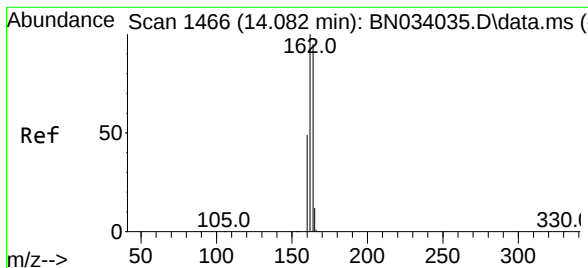
Tgt Ion: 82 Resp: 2741
Ion Ratio Lower Upper
82 100
128 46.1 31.4 47.2
54 60.2 47.4 71.0



#11
2-Methylnaphthalene-d10
Concen: 0.296 ng
RT: 11.788 min Scan# 1126
Delta R.T. -0.006 min
Lab File: BN034107.D
Acq: 21 Sep 2024 03:52

Tgt Ion:152 Resp: 5927
Ion Ratio Lower Upper
152 100
151 21.2 16.8 25.2





#13

Acenaphthene-d10

Concen: 0.400 ng

RT: 14.073 min Scan# 14

Delta R.T. -0.009 min

Lab File: BN034107.D

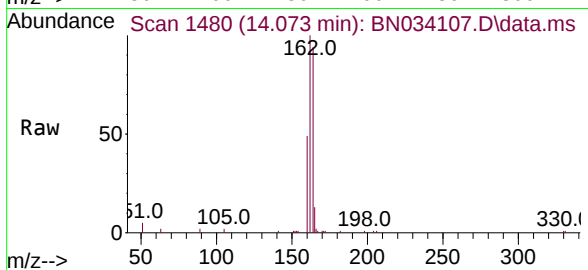
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Instrument :

BNA_N

ClientSampleId :

RE108D2-20240913



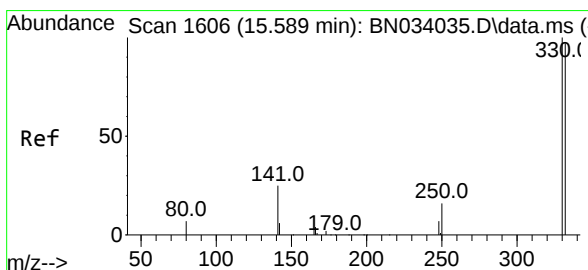
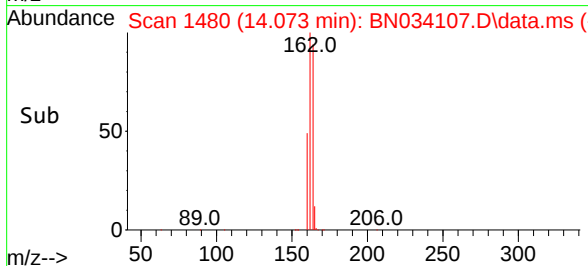
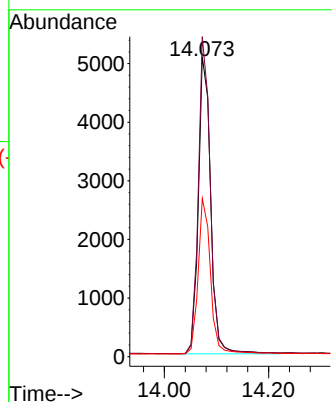
Tgt Ion:164 Resp: 8353

Ion Ratio Lower Upper

164 100

162 106.7 84.2 126.2

160 52.8 41.7 62.5



#14

2,4,6-Tribromophenol

Concen: 0.263 ng

RT: 15.580 min Scan# 1620

Delta R.T. -0.009 min

Lab File: BN034107.D

Acq: 21 Sep 2024 03:52

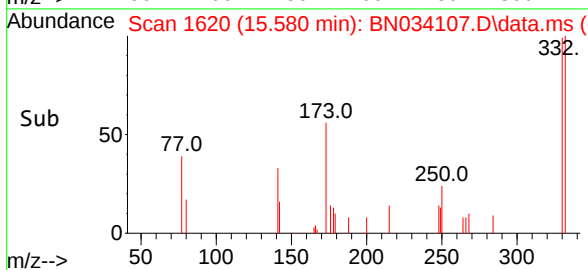
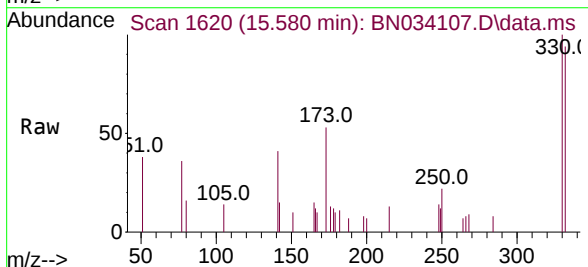
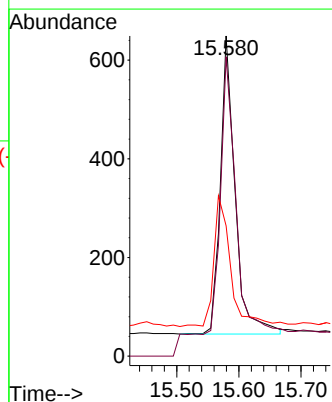
Tgt Ion:330 Resp: 994

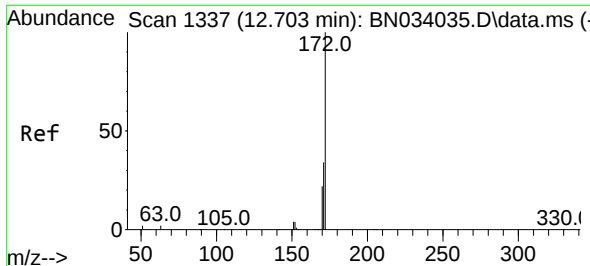
Ion Ratio Lower Upper

330 100

332 96.4 77.4 116.0

141 50.7 35.9 53.9

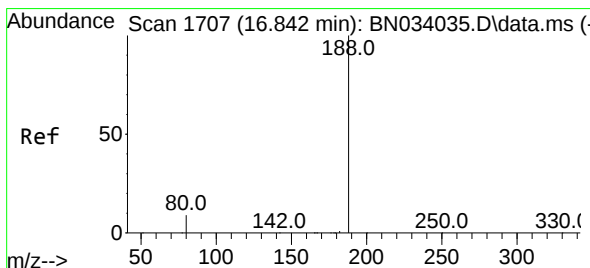
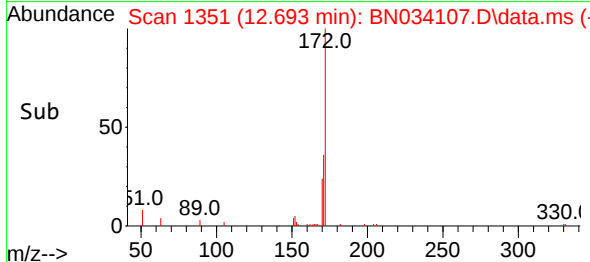
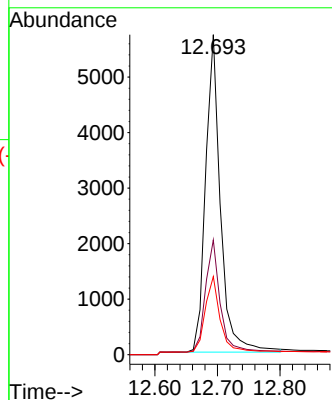
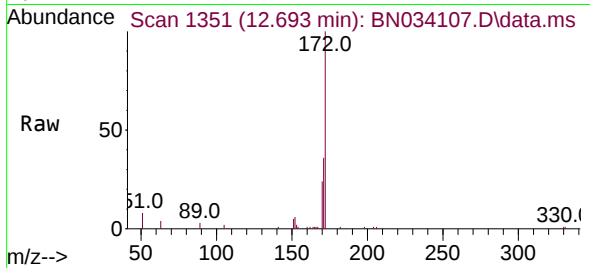




#15
2-Fluorobiphenyl
Concen: 0.278 ng
RT: 12.693 min Scan# 11
Delta R.T. -0.009 min
Lab File: BN034107.D
Acq: 21 Sep 2024 03:52

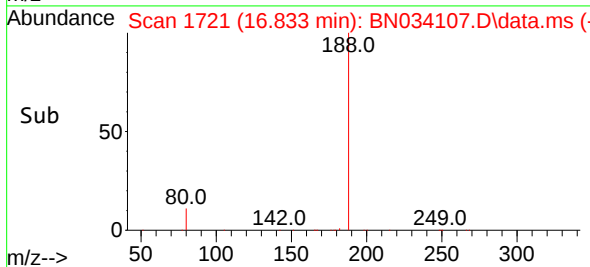
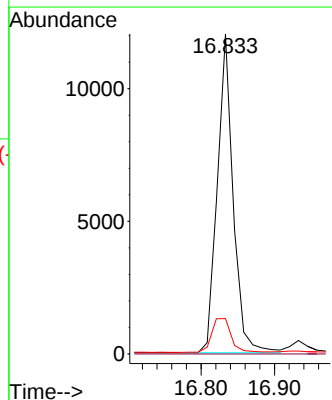
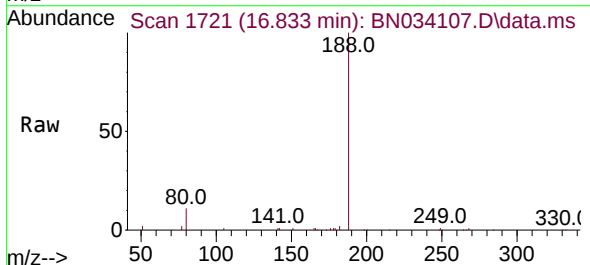
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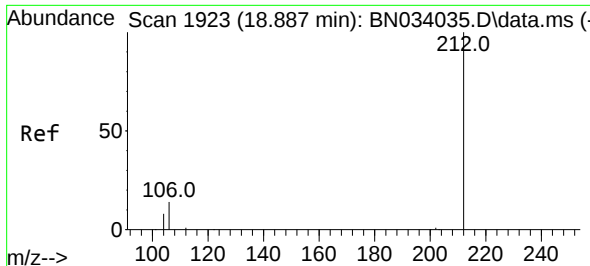
Tgt Ion:172 Resp: 9439
Ion Ratio Lower Upper
172 100
171 35.8 27.3 40.9
170 24.4 18.1 27.1



#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 16.833 min Scan# 1721
Delta R.T. -0.009 min
Lab File: BN034107.D
Acq: 21 Sep 2024 03:52

Tgt Ion:188 Resp: 18003
Ion Ratio Lower Upper
188 100
94 0.0 0.0 0.0
80 11.0 7.4 11.0#

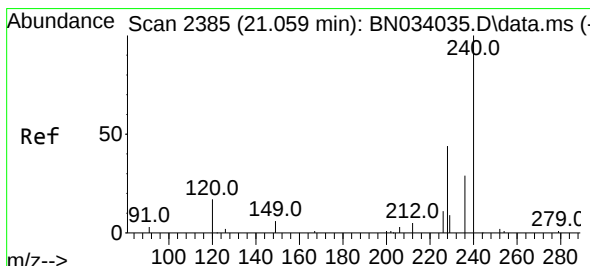
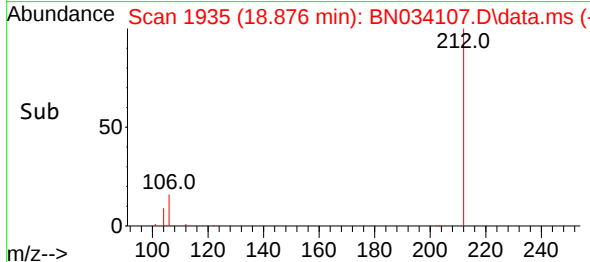
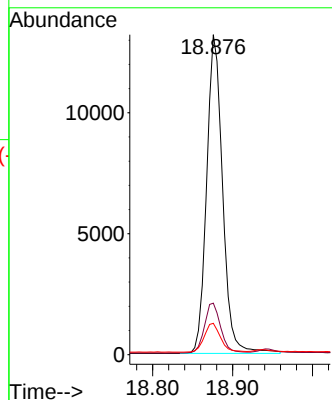
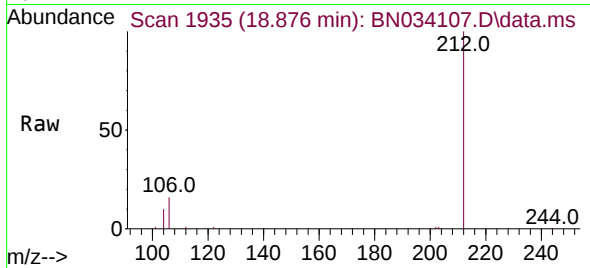




#27
Fluoranthene-d10
Concen: 0.404 ng
RT: 18.876 min Scan# 1935
Delta R.T. -0.011 min
Lab File: BN034107.D
Acq: 21 Sep 2024 03:52

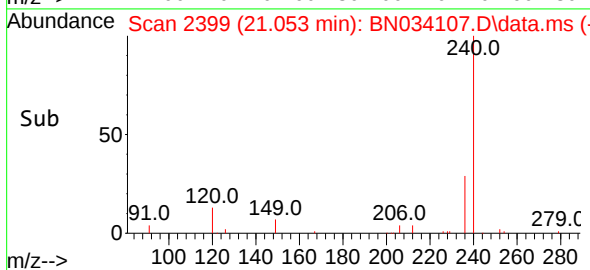
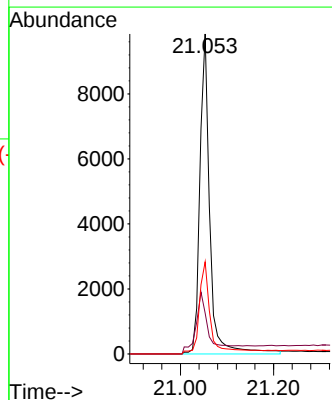
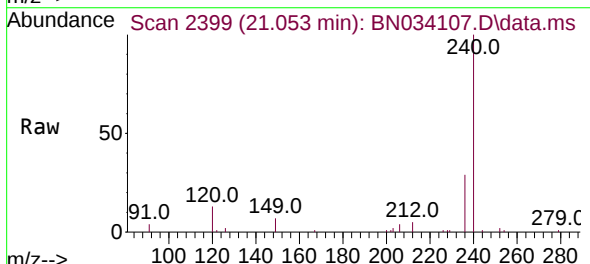
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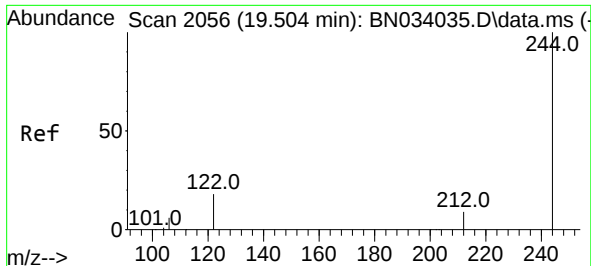
Tgt Ion:212 Resp: 18329
Ion Ratio Lower Upper
212 100
106 15.9 13.4 20.2
104 9.1 7.8 11.6



#29
Chrysene-d12
Concen: 0.400 ng
RT: 21.053 min Scan# 2399
Delta R.T. -0.006 min
Lab File: BN034107.D
Acq: 21 Sep 2024 03:52

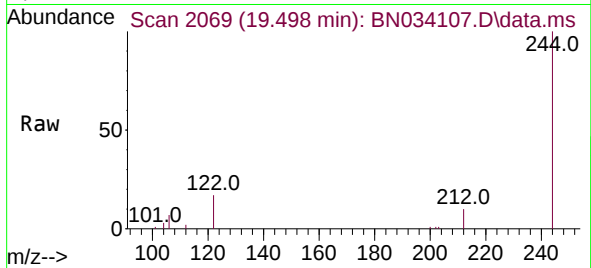
Tgt Ion:240 Resp: 13959
Ion Ratio Lower Upper
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120 12.8 13.5 20.3#
236 28.8 23.4 35.0



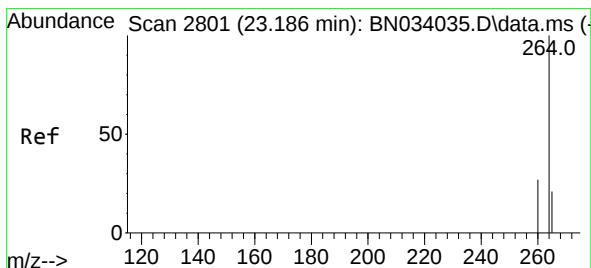
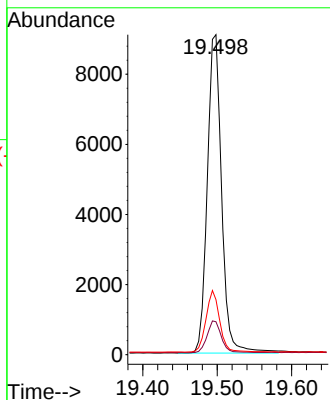


#31
Terphenyl-d14
Concen: 0.435 ng
RT: 19.498 min Scan# 2056
Delta R.T. -0.006 min
Lab File: BN034107.D
Acq: 21 Sep 2024 03:52

Instrument :
BNA_N
ClientSampleId :
RE108D2-20240913



Tgt Ion:244 Resp: 12125
Ion Ratio Lower Upper
244 100
212 10.3 7.8 11.6
122 17.2 14.8 22.2



#35
Perylene-d12
Concen: 0.400 ng
RT: 23.171 min Scan# 2812
Delta R.T. -0.015 min
Lab File: BN034107.D
Acq: 21 Sep 2024 03:52

Tgt Ion:264 Resp: 11697
Ion Ratio Lower Upper
264 100
260 27.1 21.7 32.5
265 66.5 52.1 78.1

