

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN102424\
 Data File : BN034712.D
 Acq On : 25 Oct 2024 03:38
 Operator : RC/JU
 Sample : P4438-03
 Misc :
 ALS Vial : 29 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 VPB190-HYD-20241016

Quant Time: Oct 25 04:21:03 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN102424.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Oct 24 13:17:02 2024
 Response via : Initial Calibration

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

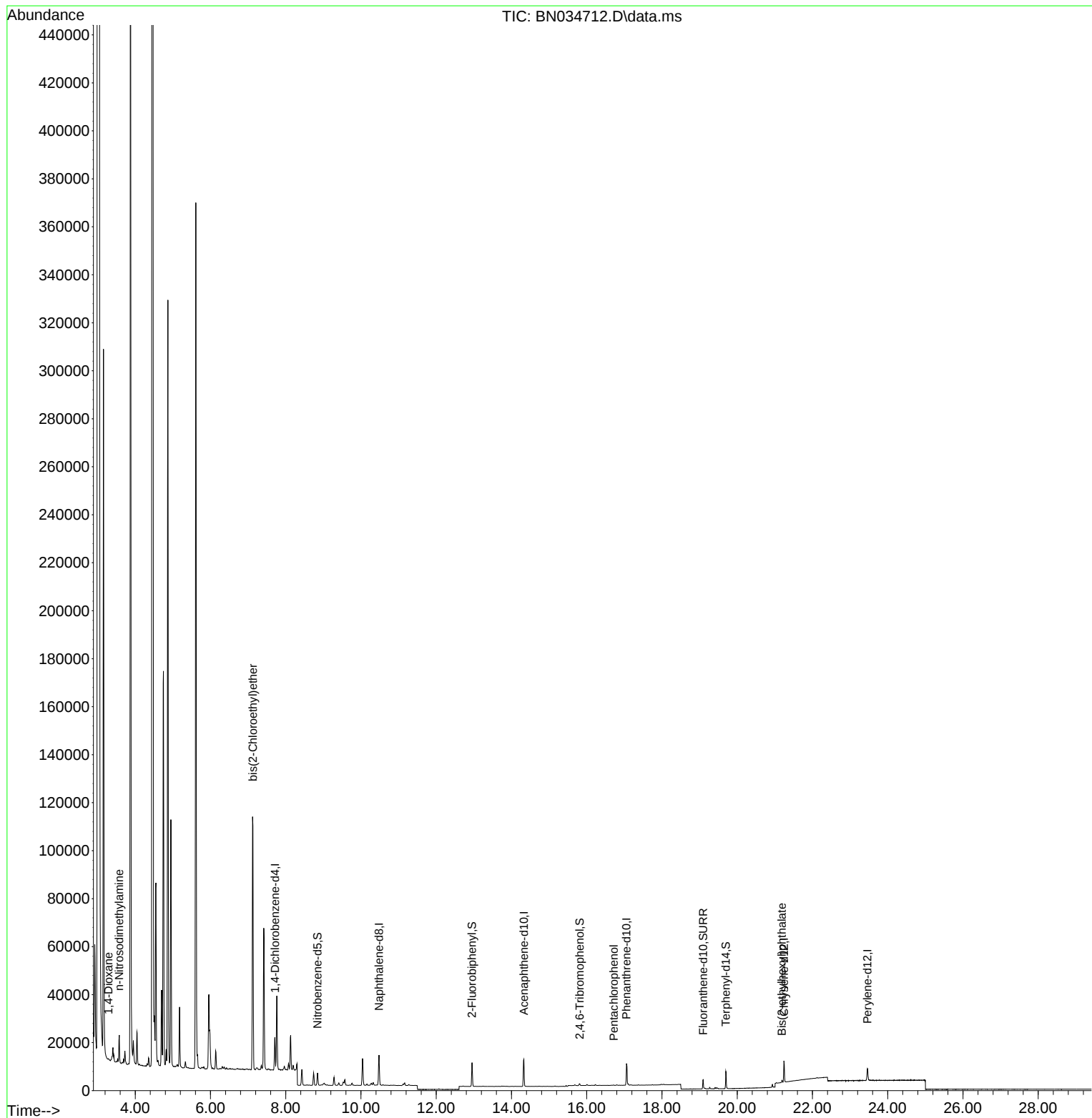
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.712	152	5474	0.400	ng	0.00
7) Naphthalene-d8	10.479	136	15229	0.400	ng	0.00
13) Acenaphthene-d10	14.329	164	6821	0.400	ng	0.00
19) Phenanthrene-d10	17.056	188	12490	0.400	ng	#-0.01
29) Chrysene-d12	21.241	240	7477	0.400	ng	# 0.00
35) Perylene-d12	23.461	264	6569	0.400	ng	0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.321	112	155	0.010	ng	0.00
5) Phenol-d6	6.860	99	18	0.001	ng	-0.02
8) Nitrobenzene-d5	8.845	82	3760	0.294	ng	0.00
11) 2-Methylnaphthalene-d10	12.067	152	333	0.016	ng	0.00
14) 2,4,6-Tribromophenol	15.815	330	405	0.192	ng	0.00
15) 2-Fluorobiphenyl	12.950	172	7891	0.291	ng	0.00
27) Fluoranthene-d10	19.094	212	3767	0.134	ng	0.00
31) Terphenyl-d14	19.698	244	5700	0.373	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	3.285	88	187	0.026	ng	# 76
3) n-Nitrosodimethylamine	3.574	42	569	0.054	ng	# 1
6) bis(2-Chloroethyl)ether	7.127	93	58431	3.352	ng	# 36
24) Pentachlorophenol	16.721	266	73	0.029	ng	96
34) Bis(2-ethylhexyl)phtha...	21.187	149	1118	0.069	ng	# 96

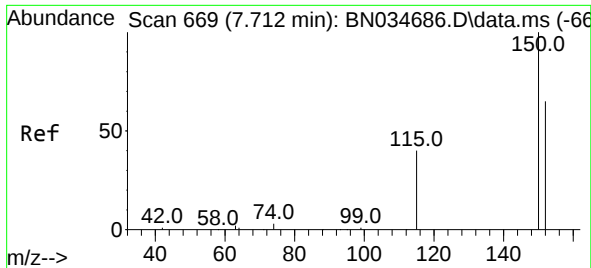
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN102424\
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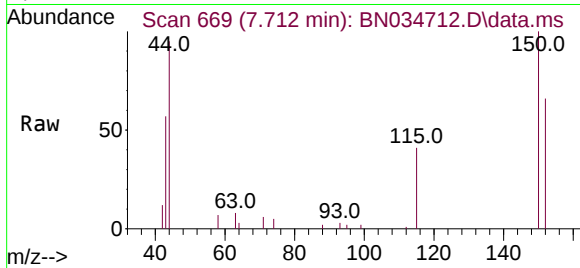
Quant Time: Oct 25 04:21:03 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN102424.M
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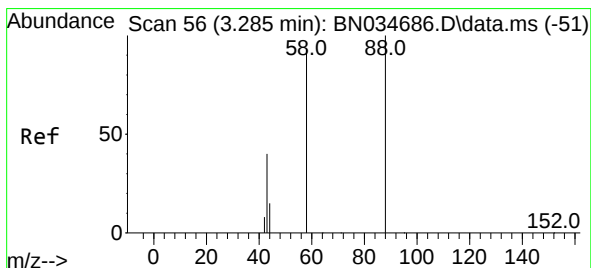
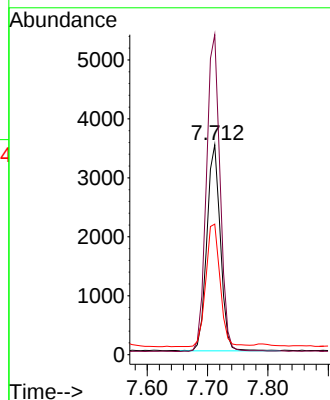
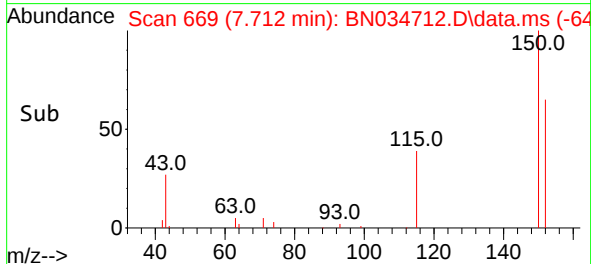


#1
 1,4-Dichlorobenzene-d4
 Concen: 0.400 ng
 RT: 7.712 min Scan# 66
 Delta R.T. -0.000 min
 Lab File: BN034712.D
 Acq: 25 Oct 2024 03:38

Instrument :
 BNA_N
 ClientSampleId :
 VPB190-HYD-20241016

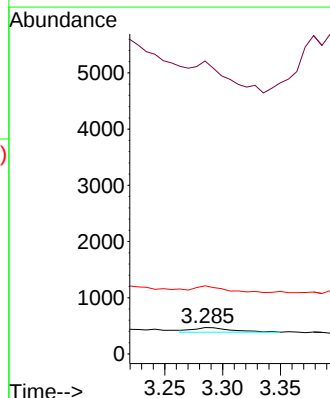
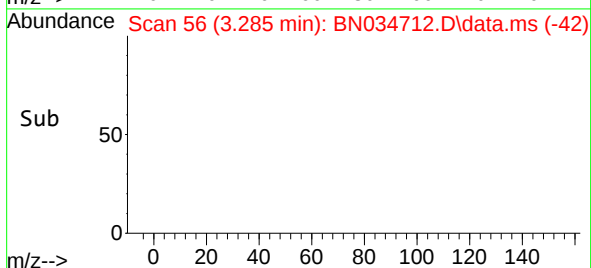
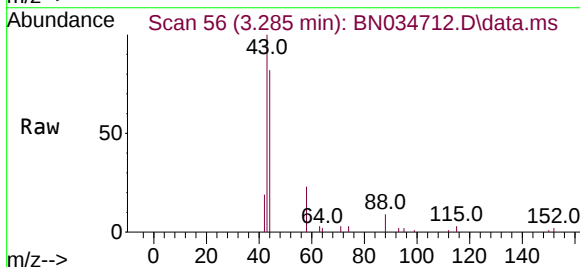


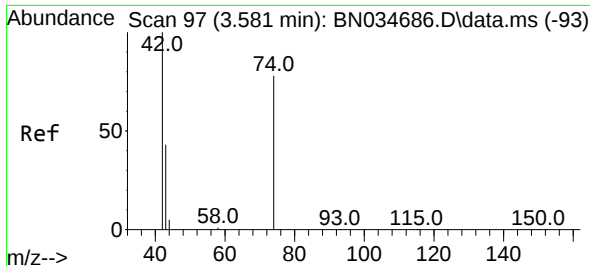
Tgt Ion:152 Resp: 5474
 Ion Ratio Lower Upper
 152 100
 150 152.5 122.7 184.1
 115 62.2 51.0 76.6



#2
 1,4-Dioxane
 Concen: 0.026 ng
 RT: 3.285 min Scan# 56
 Delta R.T. -0.000 min
 Lab File: BN034712.D
 Acq: 25 Oct 2024 03:38

Tgt Ion: 88 Resp: 187
 Ion Ratio Lower Upper
 88 100
 43 0.0 32.1 48.1#
 58 98.4 73.7 110.5

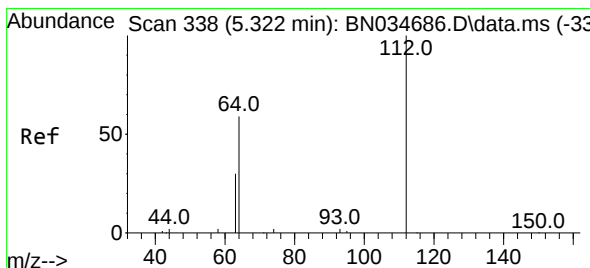
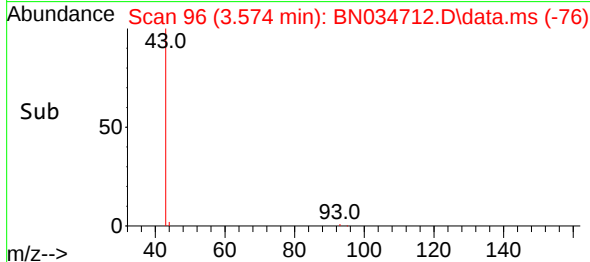
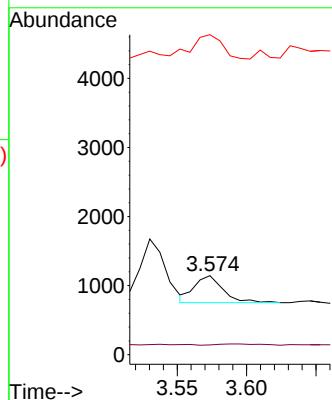
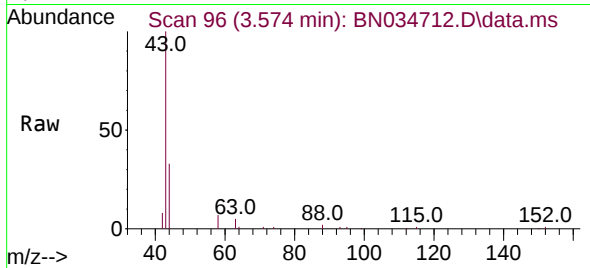




#3
n-Nitrosodimethylamine
Concen: 0.054 ng
RT: 3.574 min Scan# 90
Delta R.T. -0.007 min
Lab File: BN034712.D
Acq: 25 Oct 2024 03:38

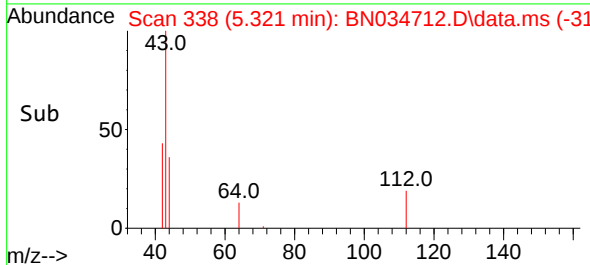
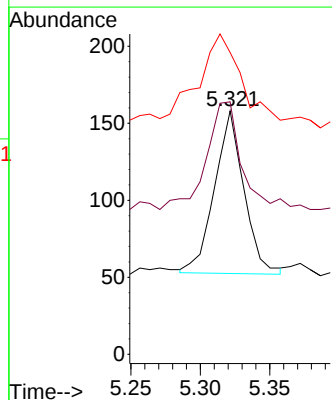
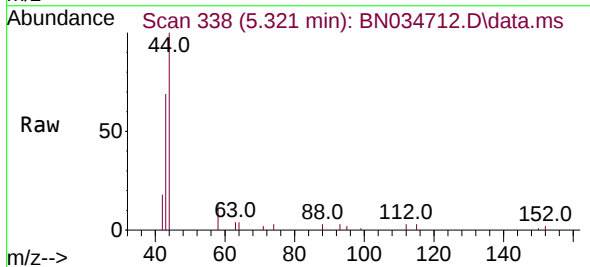
Instrument :
BNA_N
ClientSampleId :
VPB190-HYD-20241016

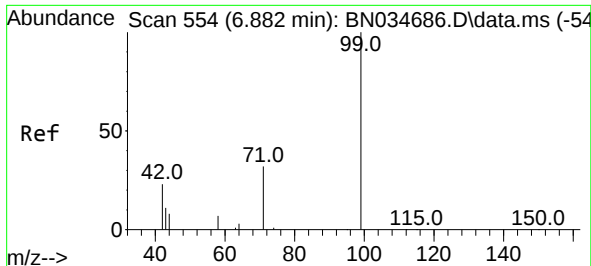
Tgt Ion: 42 Resp: 569
Ion Ratio Lower Upper
42 100
74 6.9 77.2 115.8#
44 93.1 13.4 20.2#



#4
2-Fluorophenol
Concen: 0.010 ng
RT: 5.321 min Scan# 338
Delta R.T. -0.000 min
Lab File: BN034712.D
Acq: 25 Oct 2024 03:38

Tgt Ion: 112 Resp: 155
Ion Ratio Lower Upper
112 100
64 95.5 53.0 79.6#
63 103.2 27.6 41.4#

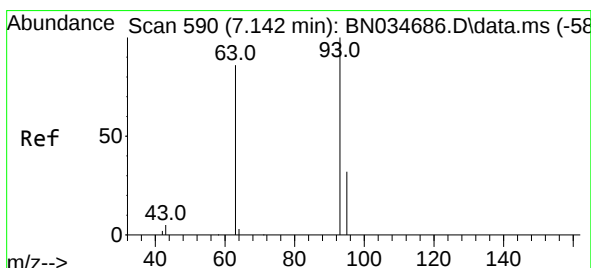
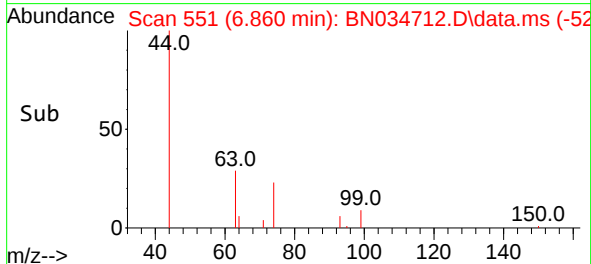
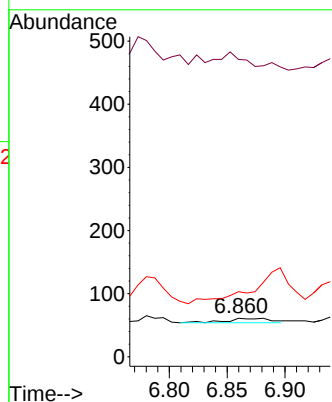
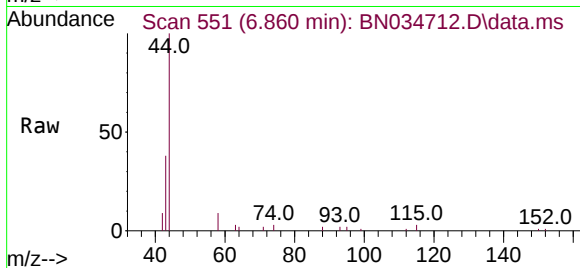




#5
Phenol-d6
Concen: 0.001 ng
RT: 6.860 min Scan# 51
Delta R.T. -0.022 min
Lab File: BN034712.D
Acq: 25 Oct 2024 03:38

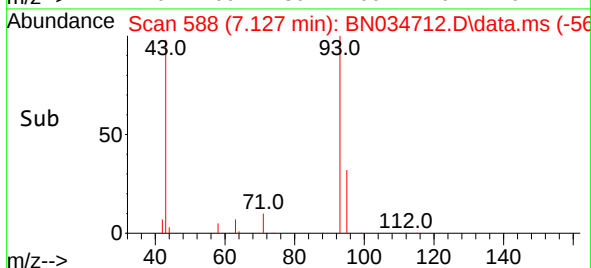
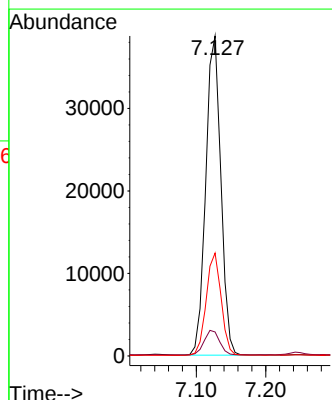
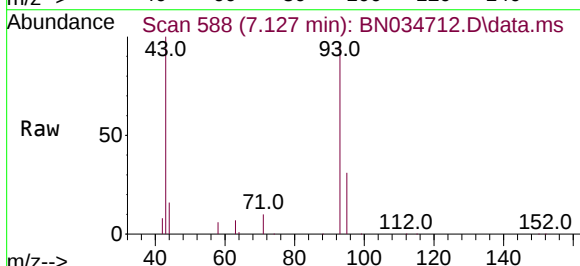
Instrument :
BNA_N
ClientSampleId :
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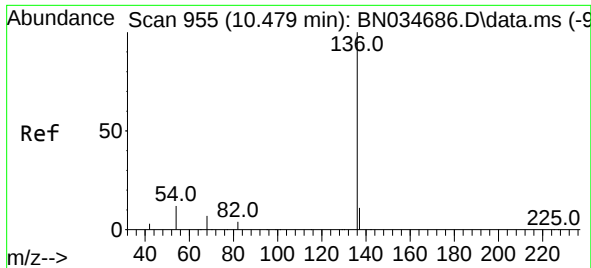
Tgt Ion: 99 Resp: 18
Ion Ratio Lower Upper
99 100
42 222.2 21.8 32.8#
71 0.0 26.6 40.0#



#6
bis(2-Chloroethyl)ether
Concen: 3.352 ng
RT: 7.127 min Scan# 588
Delta R.T. -0.015 min
Lab File: BN034712.D
Acq: 25 Oct 2024 03:38

Tgt Ion: 93 Resp: 58431
Ion Ratio Lower Upper
93 100
63 7.9 71.5 107.3#
95 31.7 25.8 38.6

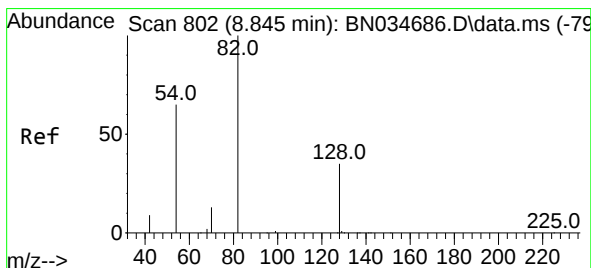
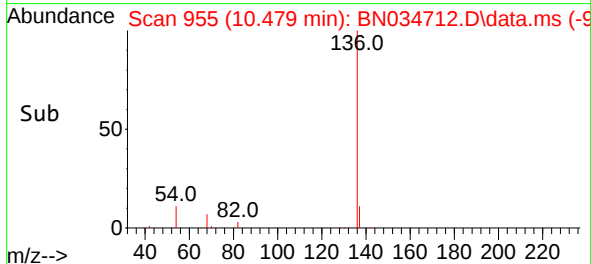
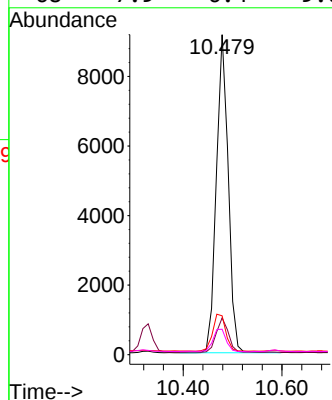
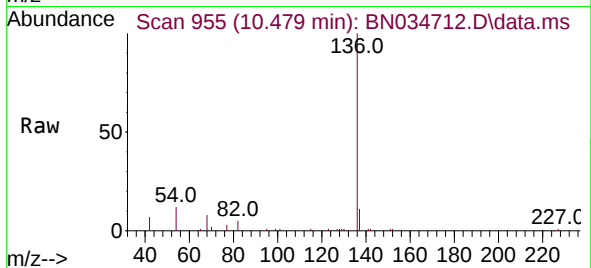




#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.479 min Scan# 91
Delta R.T. -0.000 min
Lab File: BN034712.D
Acq: 25 Oct 2024 03:38

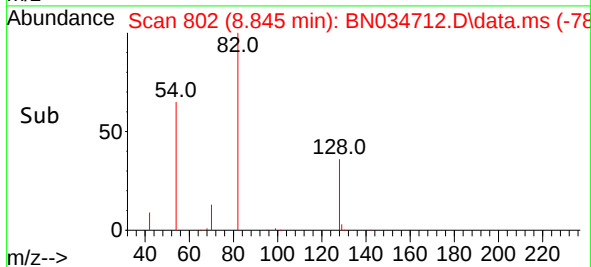
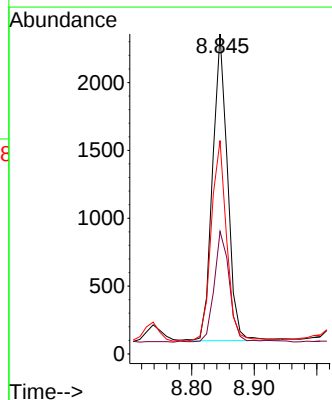
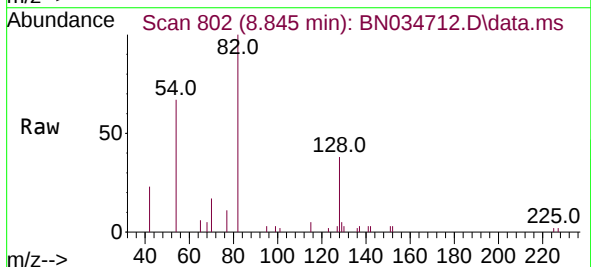
Instrument :
BNA_N
ClientSampleId :
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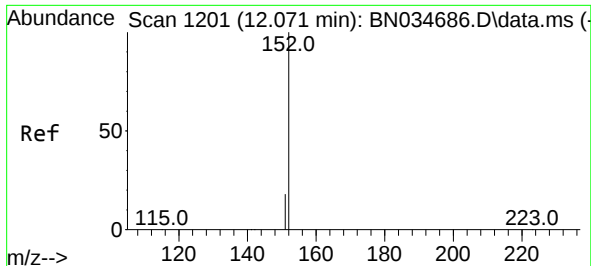
Tgt Ion:	136	Resp:	15229
Ion	Ratio	Lower	Upper
136	100		
137	11.5	9.1	13.7
54	12.2	9.8	14.8
68	7.9	6.4	9.6



#8
Nitrobenzene-d5
Concen: 0.294 ng
RT: 8.845 min Scan# 802
Delta R.T. -0.000 min
Lab File: BN034712.D
Acq: 25 Oct 2024 03:38

Tgt Ion:	82	Resp:	3760
Ion	Ratio	Lower	Upper
82	100		
128	38.3	29.7	44.5
54	66.7	53.0	79.6

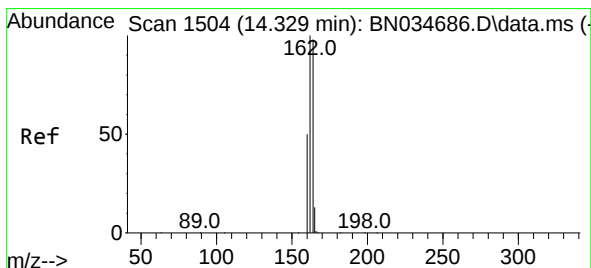
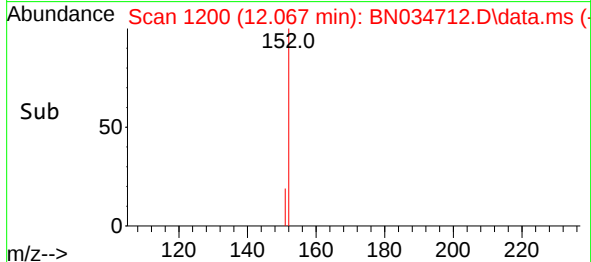
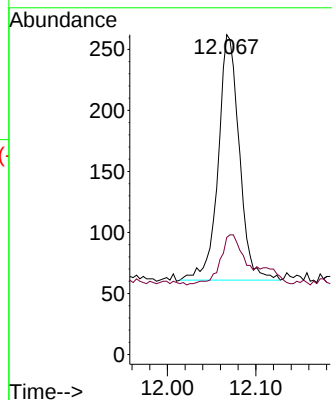
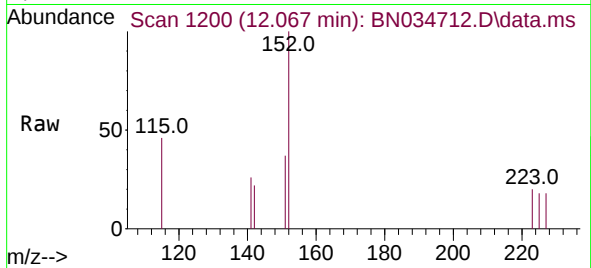




#11
2-Methylnaphthalene-d10
Concen: 0.016 ng
RT: 12.067 min Scan# 11
Delta R.T. -0.004 min
Lab File: BN034712.D
Acq: 25 Oct 2024 03:38

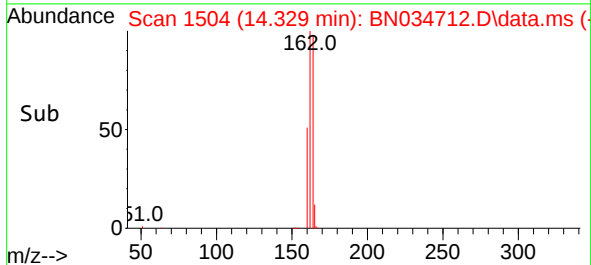
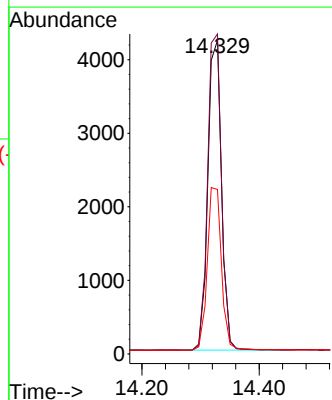
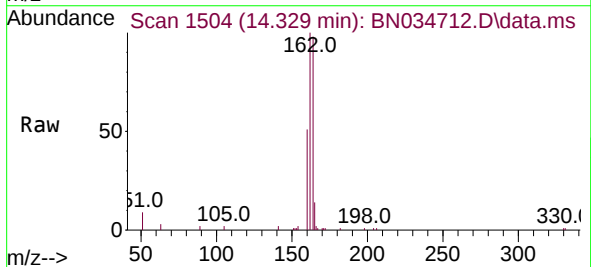
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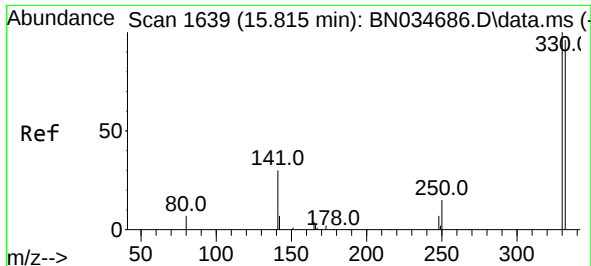
Tgt Ion:152 Resp: 333
Ion Ratio Lower Upper
152 100
151 22.8 16.7 25.1



#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.329 min Scan# 1504
Delta R.T. -0.000 min
Lab File: BN034712.D
Acq: 25 Oct 2024 03:38

Tgt Ion:164 Resp: 6821
Ion Ratio Lower Upper
164 100
162 102.1 81.4 122.0
160 52.5 40.6 61.0

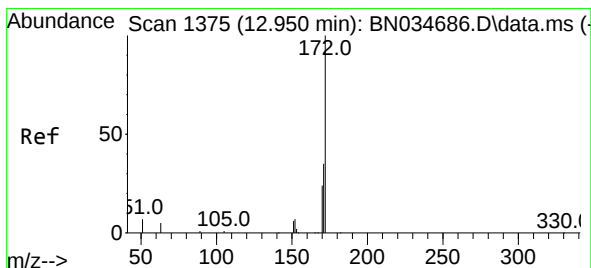
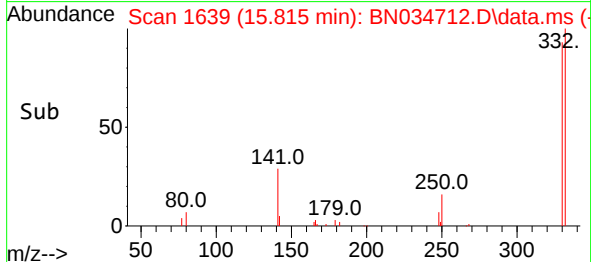
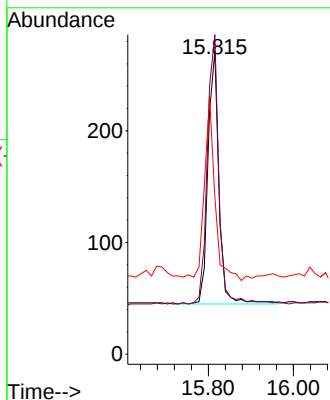
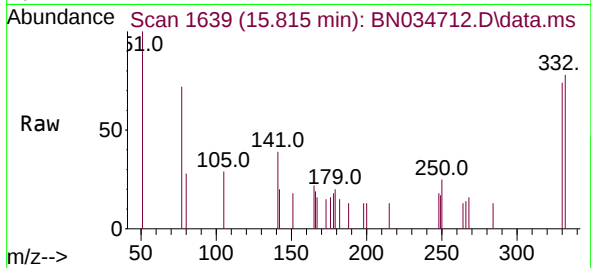




#14
2,4,6-Tribromophenol
Concen: 0.192 ng
RT: 15.815 min Scan# 1639
Delta R.T. -0.000 min
Lab File: BN034712.D
Acq: 25 Oct 2024 03:38

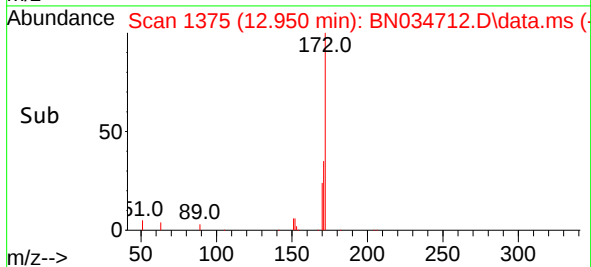
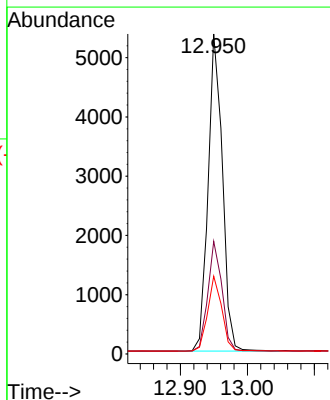
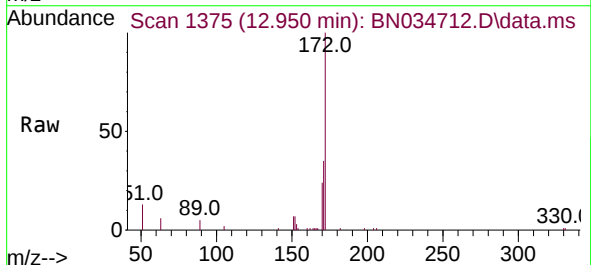
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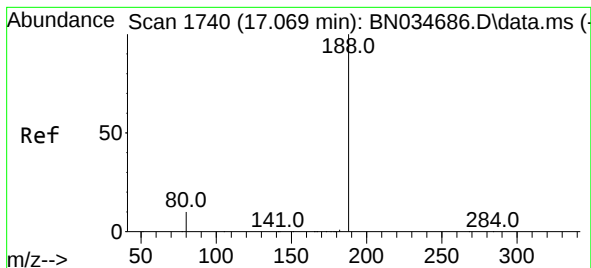
Tgt Ion:	330	Resp:	405
Ion Ratio	Lower	Upper	
330	100		
332	110.4	76.6	115.0
141	70.1	54.6	81.8



#15
2-Fluorobiphenyl
Concen: 0.291 ng
RT: 12.950 min Scan# 1375
Delta R.T. -0.000 min
Lab File: BN034712.D
Acq: 25 Oct 2024 03:38

Tgt Ion:	172	Resp:	7891
Ion Ratio	Lower	Upper	
172	100		
171	35.2	28.3	42.5
170	24.3	19.8	29.6





#19

Phenanthrene-d10

Concen: 0.400 ng

RT: 17.056 min Scan# 11

Delta R.T. -0.013 min

Lab File: BN034712.D

Acq: 25 Oct 2024 03:38

Instrument :

BNA_N

ClientSampleId :

VPB190-HYD-20241016

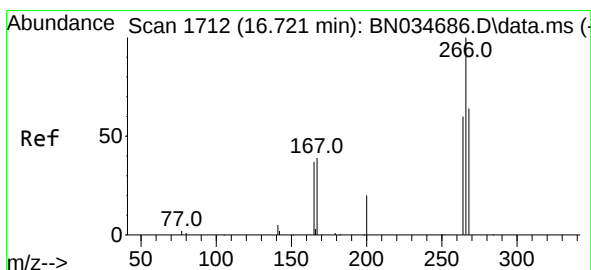
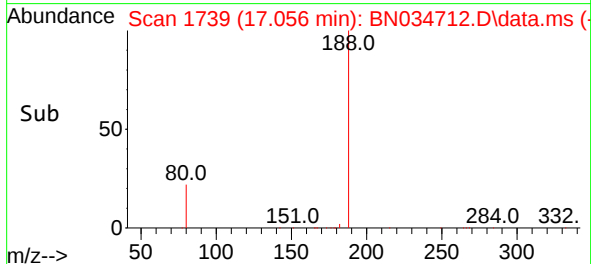
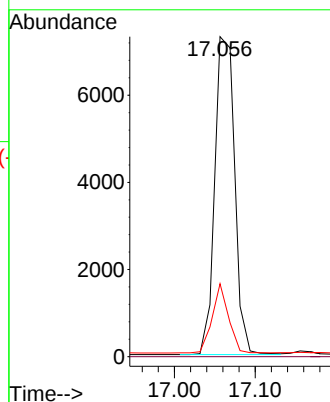
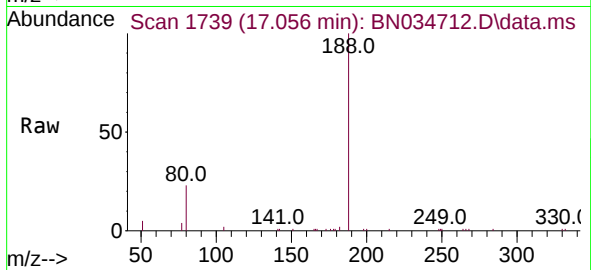
Tgt Ion:188 Resp: 12490

Ion Ratio Lower Upper

188 100

94 0.0 0.0 0.0

80 22.8 8.9 13.3#



#24

Pentachlorophenol

Concen: 0.029 ng

RT: 16.721 min Scan# 1712

Delta R.T. 0.000 min

Lab File: BN034712.D

Acq: 25 Oct 2024 03:38

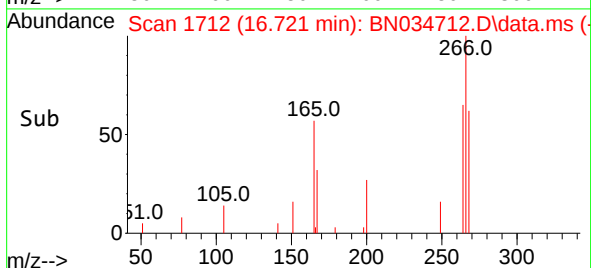
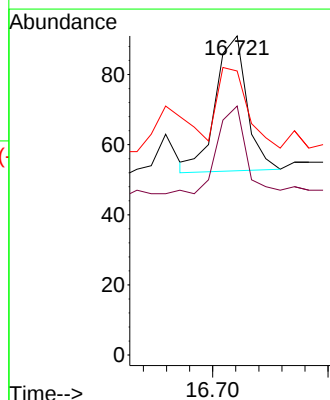
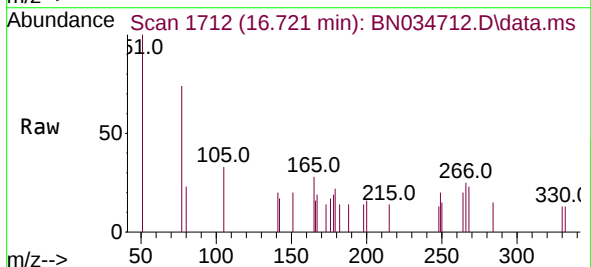
Tgt Ion:266 Resp: 73

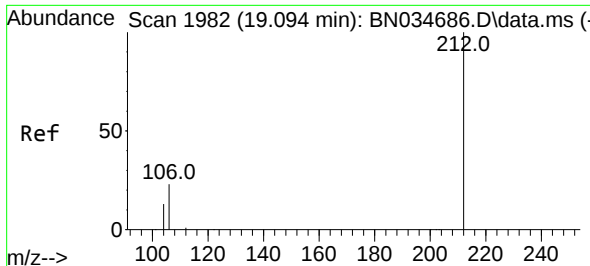
Ion Ratio Lower Upper

266 100

264 63.0 49.4 74.2

268 58.9 50.5 75.7

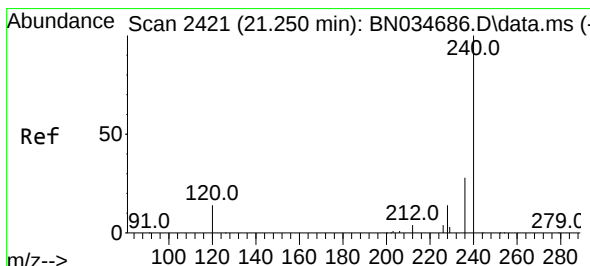
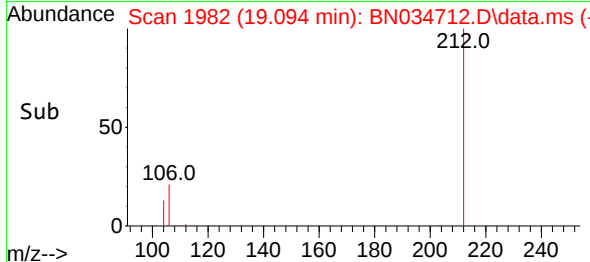
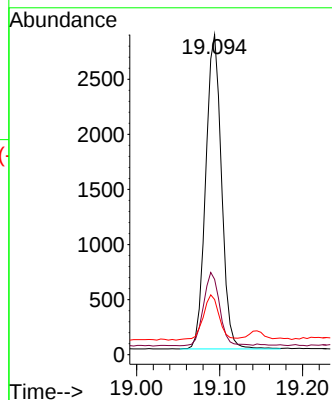
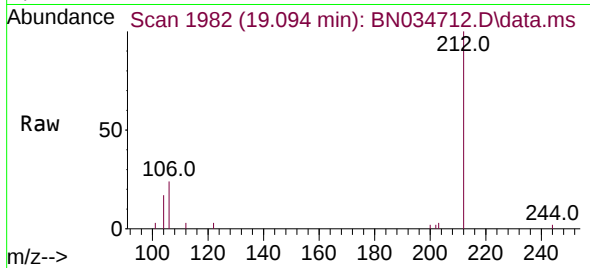




#27
Fluoranthene-d10
Concen: 0.134 ng
RT: 19.094 min Scan# 1982
Delta R.T. -0.000 min
Lab File: BN034712.D
Acq: 25 Oct 2024 03:38

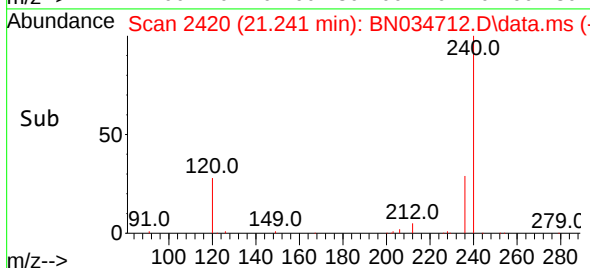
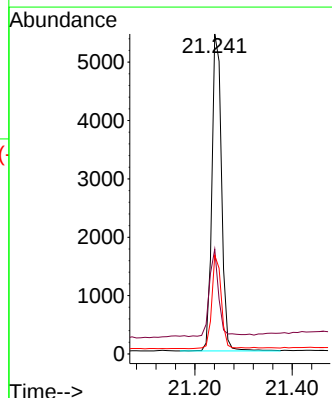
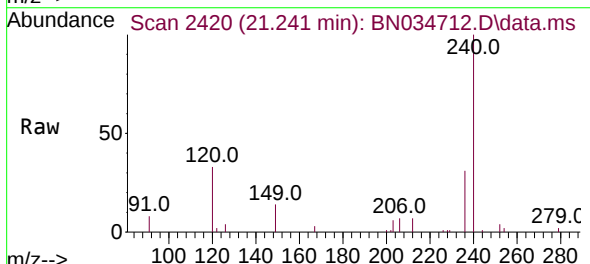
Instrument :
BNA_N
ClientSampleId :
VPB190-HYD-20241016

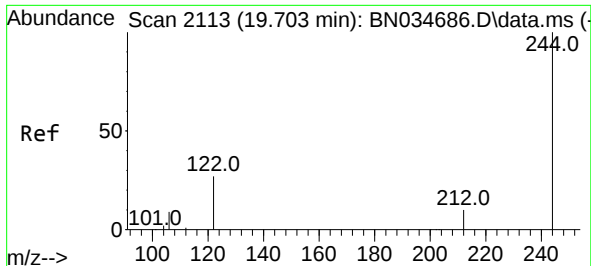
Tgt Ion:212 Resp: 3767
Ion Ratio Lower Upper
212 100
106 23.9 17.8 26.8
104 14.7 10.2 15.4



#29
Chrysene-d12
Concen: 0.400 ng
RT: 21.241 min Scan# 2420
Delta R.T. -0.009 min
Lab File: BN034712.D
Acq: 25 Oct 2024 03:38

Tgt Ion:240 Resp: 7477
Ion Ratio Lower Upper
240 100
120 32.8 14.2 21.2#
236 30.8 23.1 34.7

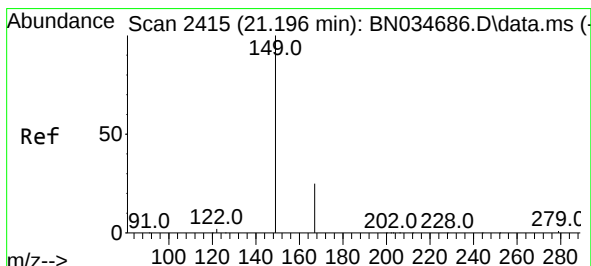
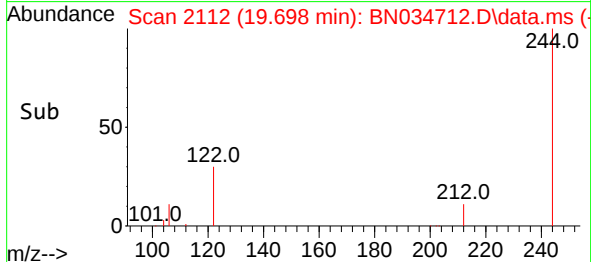
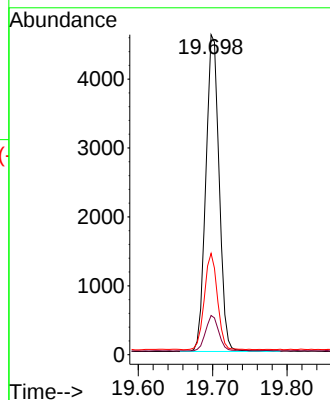
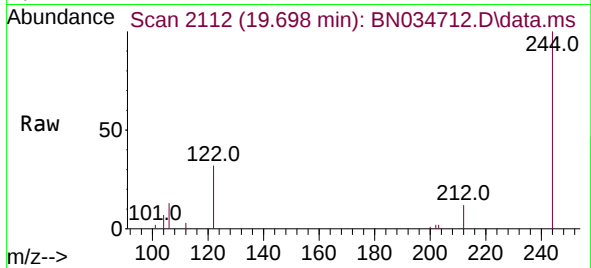




#31
 Terphenyl-d14
 Concen: 0.373 ng
 RT: 19.698 min Scan# 2112
 Delta R.T. -0.005 min
 Lab File: BN034712.D
 Acq: 25 Oct 2024 03:38

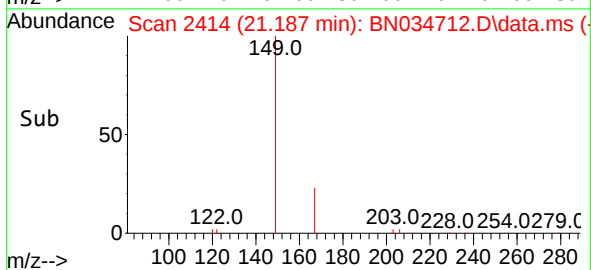
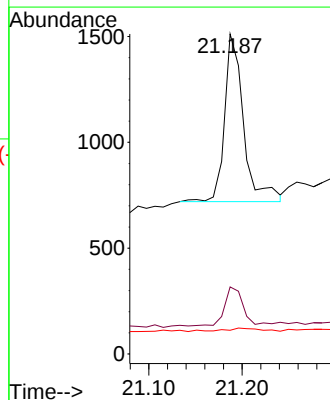
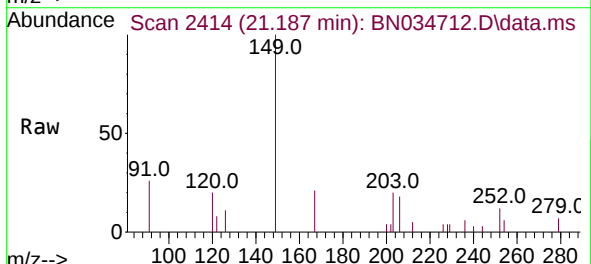
Instrument :
 BNA_N
 ClientSampleId :
 VPB190-HYD-20241016

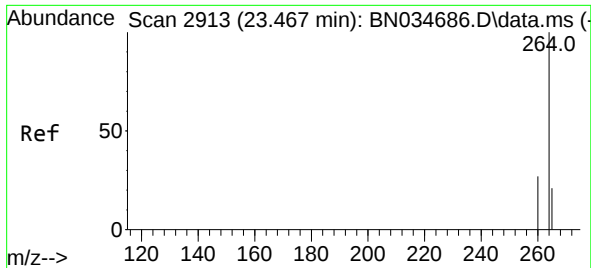
Tgt Ion:244 Resp: 5700
 Ion Ratio Lower Upper
 244 100
 212 12.3 8.6 13.0
 122 31.6 22.3 33.5



#34
 Bis(2-ethylhexyl)phthalate
 Concen: 0.069 ng
 RT: 21.187 min Scan# 2414
 Delta R.T. -0.009 min
 Lab File: BN034712.D
 Acq: 25 Oct 2024 03:38

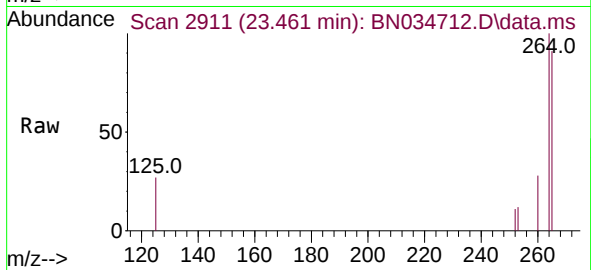
Tgt Ion:149 Resp: 1118
 Ion Ratio Lower Upper
 149 100
 167 22.9 19.7 29.5
 279 4.2 1.8 2.6#





#35
Perylene-d12
Concen: 0.400 ng
RT: 23.461 min Scan# 2911
Delta R.T. -0.006 min
Lab File: BN034712.D
Acq: 25 Oct 2024 03:38

Instrument :
BNA_N
ClientSampleId :
VPB190-HYD-20241016



Tgt Ion:264 Resp: 6569
Ion Ratio Lower Upper
264 100
260 28.2 21.9 32.9
265 90.8 60.6 91.0

