

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN092124\
 Data File : BN034125.D
 Acq On : 21 Sep 2024 15:27
 Operator : JU/RC
 Sample : P4116-15
 Misc :
 ALS Vial : 89 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 RE125D3-20240917

Quant Time: Sep 22 23:59:19 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)

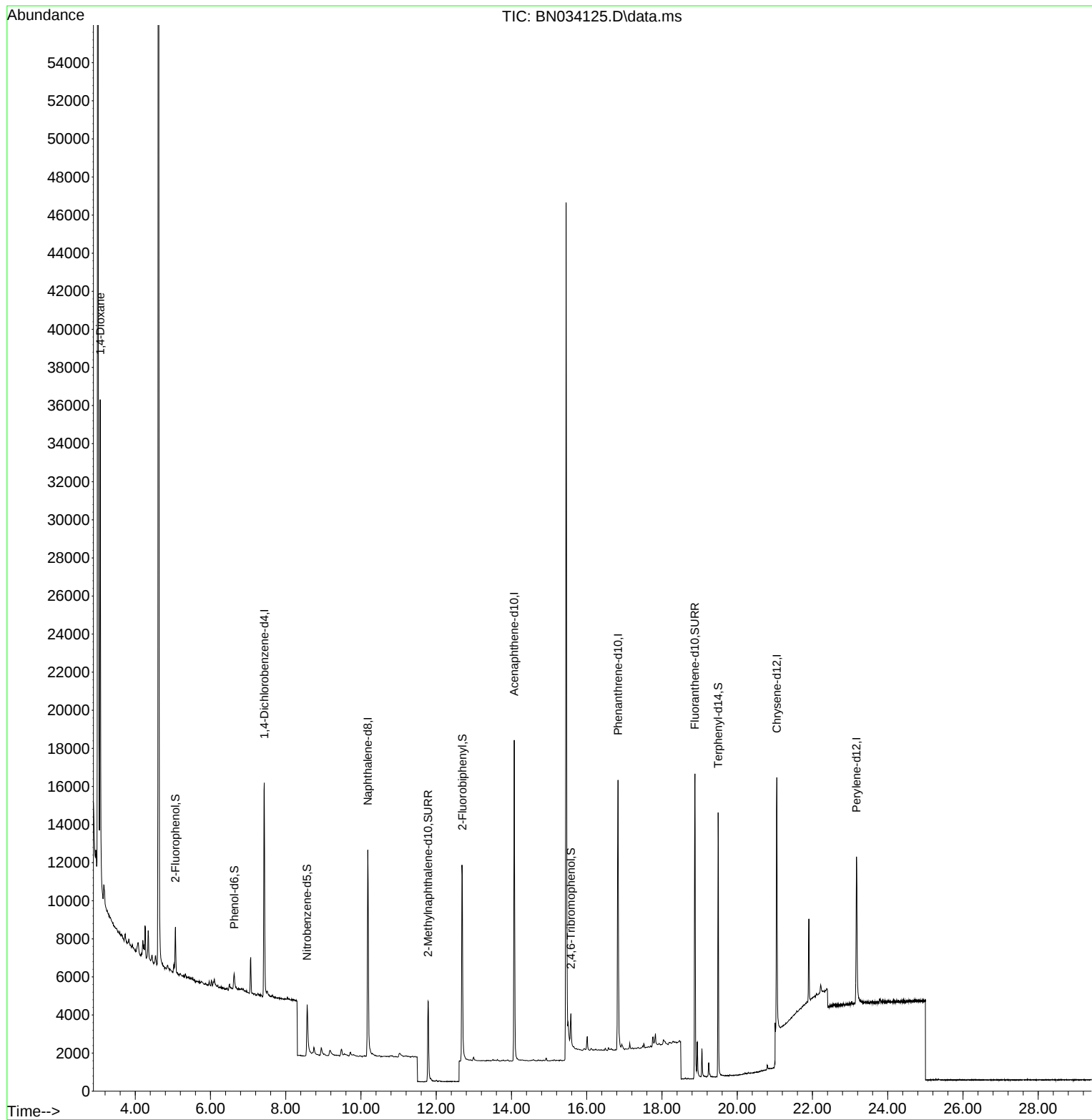
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.430	152	5608	0.400	ng	0.00
7) Naphthalene-d8	10.180	136	15739	0.400	ng	#-0.02
13) Acenaphthene-d10	14.072	164	9166	0.400	ng	0.00
19) Phenanthrene-d10	16.833	188	20069	0.400	ng	0.00
29) Chrysene-d12	21.053	240	13753	0.400	ng	# 0.00
35) Perylene-d12	23.171	264	10620	0.400	ng	-0.01
System Monitoring Compounds						
4) 2-Fluorophenol	5.069	112	1790	0.112	ng	0.00
5) Phenol-d6	6.629	99	994	0.054	ng	0.00
8) Nitrobenzene-d5	8.568	82	3031	0.252	ng	0.00
11) 2-Methylnaphthalene-d10	11.784	152	6651	0.286	ng	0.00
14) 2,4,6-Tribromophenol	15.579	330	981	0.236	ng	0.00
15) 2-Fluorobiphenyl	12.693	172	11039	0.296	ng	0.00
27) Fluoranthene-d10	18.876	212	18564	0.367	ng	-0.01
31) Terphenyl-d14	19.494	244	12667	0.461	ng	-0.01
Target Compounds						
2) 1,4-Dioxane	3.068	88	13150	1.876	ng	# 80

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

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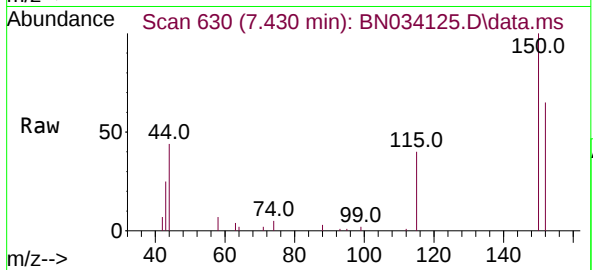
Quant Time: Sep 22 23:59:19 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN091924.M
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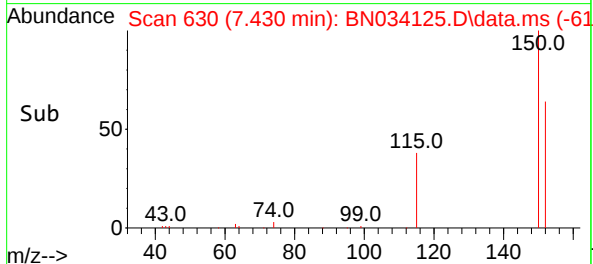
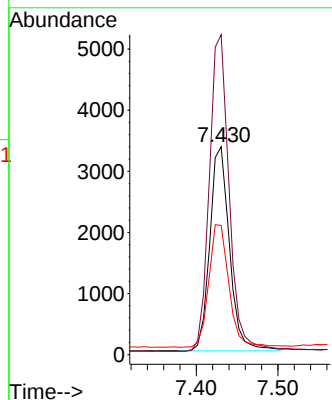
#1
 1,4-Dichlorobenzene-d4
 Concen: 0.400 ng
 RT: 7.430 min Scan# 61
 Delta R.T. -0.007 min
 Lab File: BN034125.D
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Instrument :
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 RE125D3-20240917



Tgt Ion:152 Resp: 5608

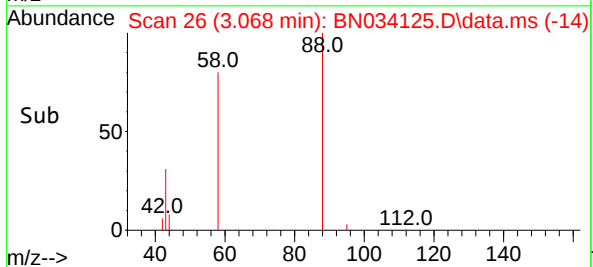
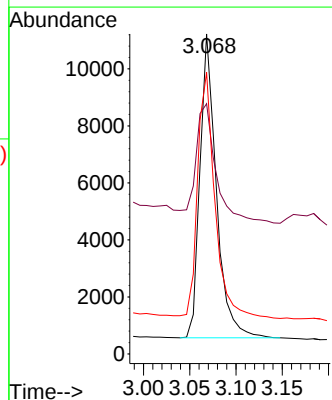
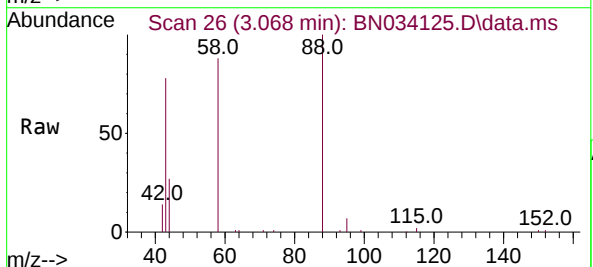
Ion	Ratio	Lower	Upper
152	100		
150	153.8	124.6	187.0
115	62.1	50.0	75.0



#2
 1,4-Dioxane
 Concen: 1.876 ng
 RT: 3.068 min Scan# 26
 Delta R.T. -0.013 min
 Lab File: BN034125.D
 Acq: 21 Sep 2024 15:27

Tgt Ion: 88 Resp: 13150

Ion	Ratio	Lower	Upper
88	100		
43	49.2	25.8	38.8
58	86.4	58.8	88.2

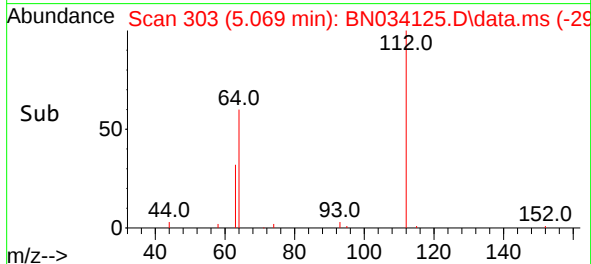
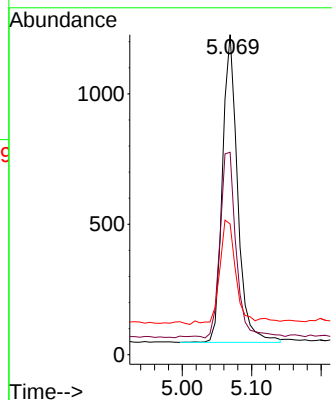
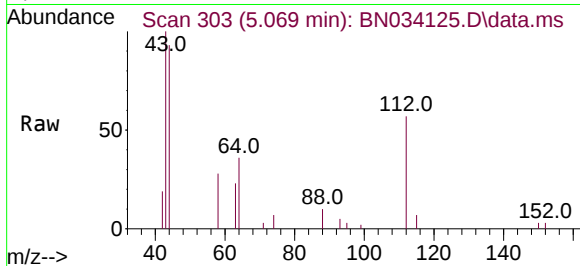




#4
2-Fluorophenol
Concen: 0.112 ng
RT: 5.069 min Scan# 30
Delta R.T. -0.006 min
Lab File: BN034125.D
Acq: 21 Sep 2024 15:27

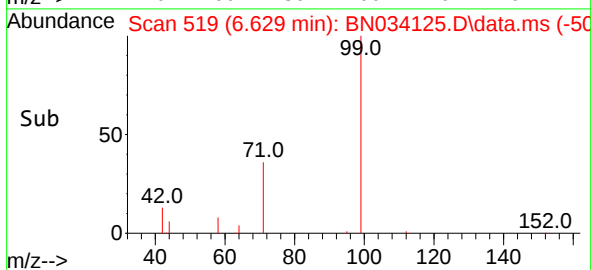
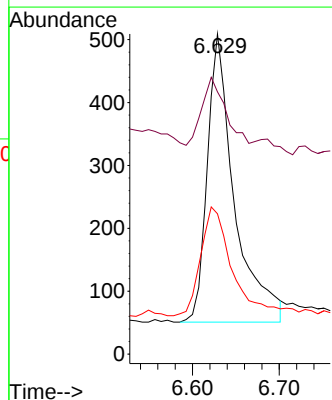
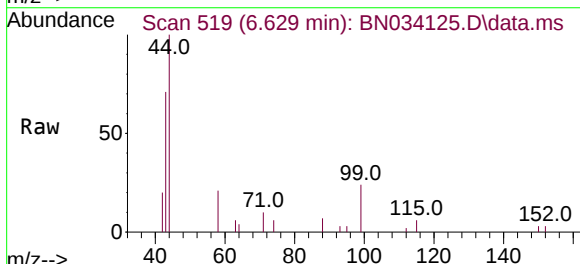
Instrument :
BNA_N
ClientSampleId :
RE125D3-20240917

Tgt Ion:112 Resp: 1790
Ion Ratio Lower Upper
112 100
64 64.6 48.6 72.8
63 35.8 25.6 38.4



#5
Phenol-d6
Concen: 0.054 ng
RT: 6.629 min Scan# 519
Delta R.T. -0.006 min
Lab File: BN034125.D
Acq: 21 Sep 2024 15:27

Tgt Ion: 99 Resp: 994
Ion Ratio Lower Upper
99 100
42 20.6 17.8 26.8
71 43.3 26.2 39.2#

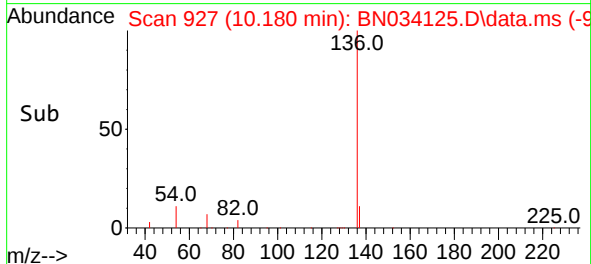
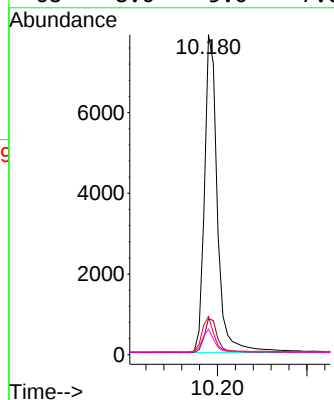
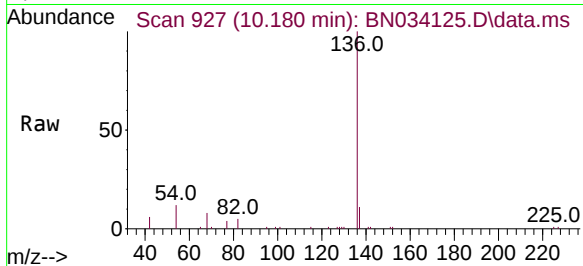




#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.180 min Scan# 915
Delta R.T. -0.017 min
Lab File: BN034125.D
Acq: 21 Sep 2024 15:27

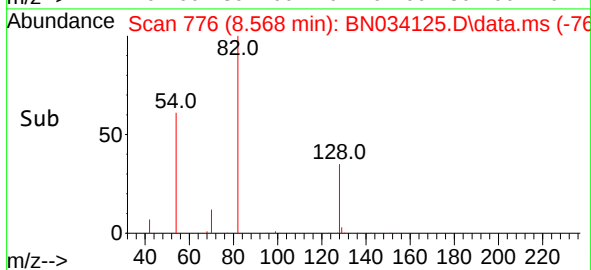
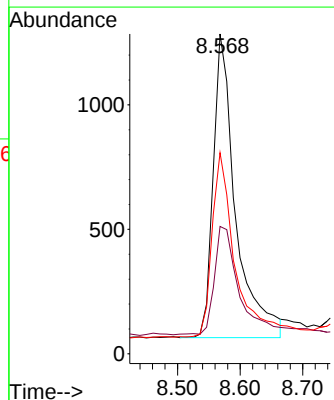
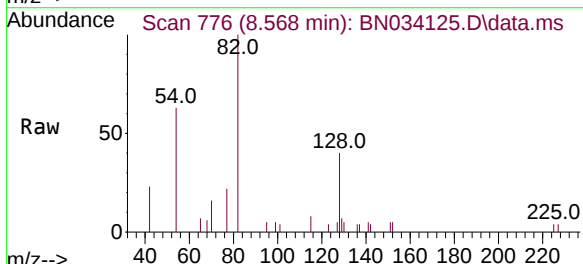
Instrument :
BNA_N
ClientSampleId :
RE125D3-20240917

Tgt Ion:	136	Resp:	15739
Ion Ratio	Lower	Upper	
136	100		
137	11.3	9.0	13.6
54	11.9	6.8	10.2#
68	8.0	5.0	7.6#



#8
Nitrobenzene-d5
Concen: 0.252 ng
RT: 8.568 min Scan# 776
Delta R.T. -0.006 min
Lab File: BN034125.D
Acq: 21 Sep 2024 15:27

Tgt Ion:	82	Resp:	3031
Ion Ratio	Lower	Upper	
82	100		
128	39.8	31.4	47.2
54	62.9	47.4	71.0





#11

2-Methylnaphthalene-d10

Concen: 0.286 ng

RT: 11.784 min Scan# 1113

Delta R.T. -0.010 min

Lab File: BN034125.D

Acq: 21 Sep 2024 15:27

Instrument :

BNA_N

ClientSampleId :

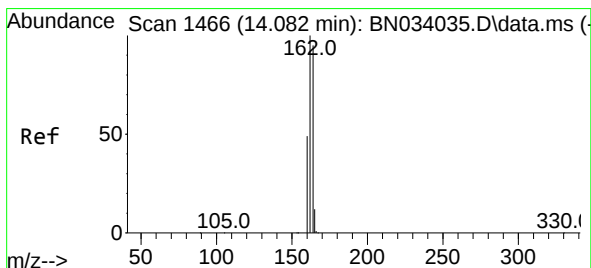
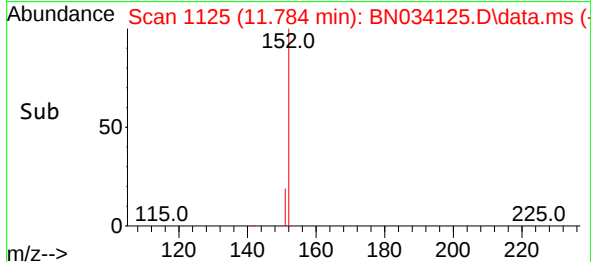
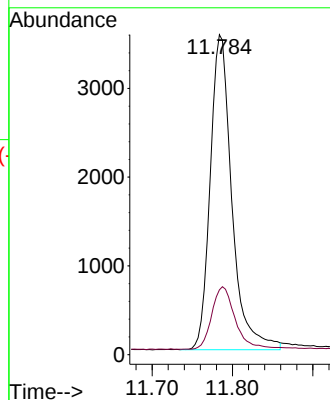
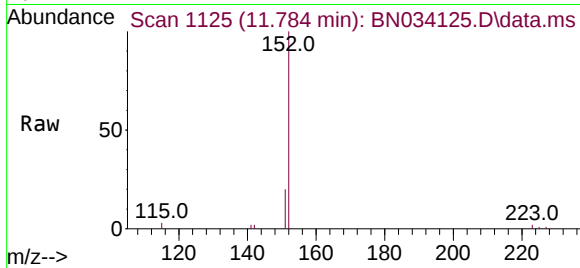
RE125D3-20240917

Tgt Ion:152 Resp: 6651

Ion Ratio Lower Upper

152 100

151 21.4 16.8 25.2



#13

Acenaphthene-d10

Concen: 0.400 ng

RT: 14.072 min Scan# 1480

Delta R.T. -0.009 min

Lab File: BN034125.D

Acq: 21 Sep 2024 15:27

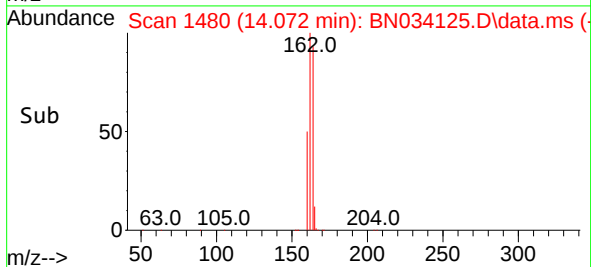
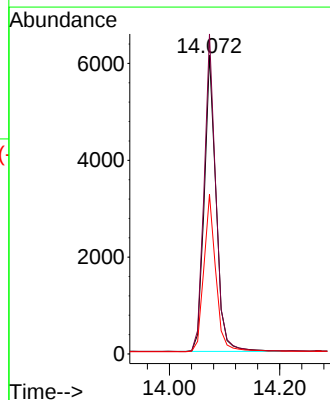
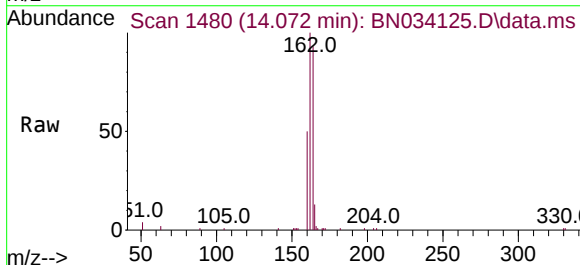
Tgt Ion:164 Resp: 9166

Ion Ratio Lower Upper

164 100

162 107.0 84.2 126.2

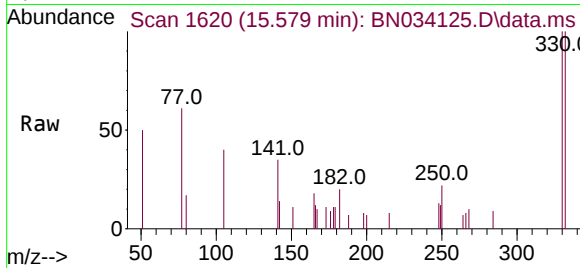
160 53.4 41.7 62.5



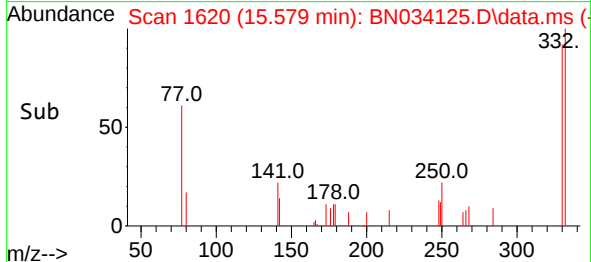
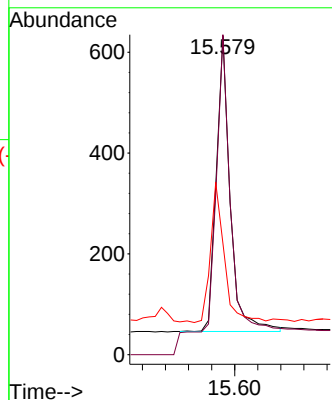


#14
2,4,6-Tribromophenol
Concen: 0.236 ng
RT: 15.579 min Scan# 1
Delta R.T. -0.009 min
Lab File: BN034125.D
Acq: 21 Sep 2024 15:27

Instrument :
BNA_N
ClientSampleId :
RE125D3-20240917

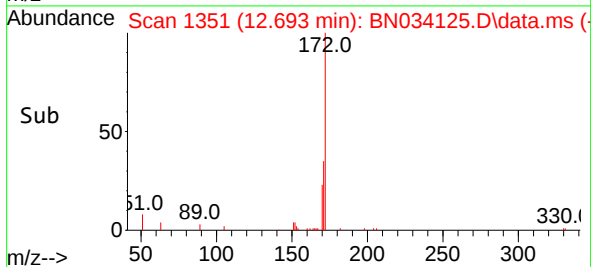
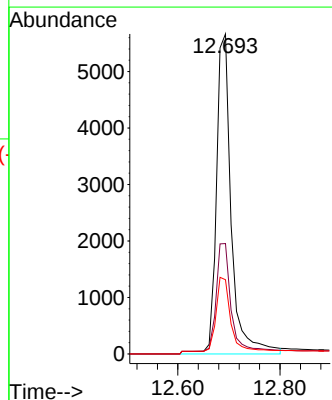
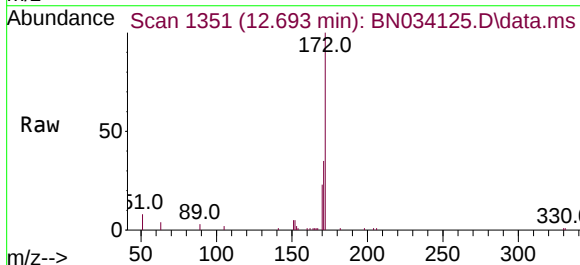


Tgt Ion:330 Resp: 981
Ion Ratio Lower Upper
330 100
332 98.9 77.4 116.0
141 46.8 35.9 53.9



#15
2-Fluorobiphenyl
Concen: 0.296 ng
RT: 12.693 min Scan# 1351
Delta R.T. -0.009 min
Lab File: BN034125.D
Acq: 21 Sep 2024 15:27

Tgt Ion:172 Resp: 11039
Ion Ratio Lower Upper
172 100
171 34.5 27.3 40.9
170 23.2 18.1 27.1

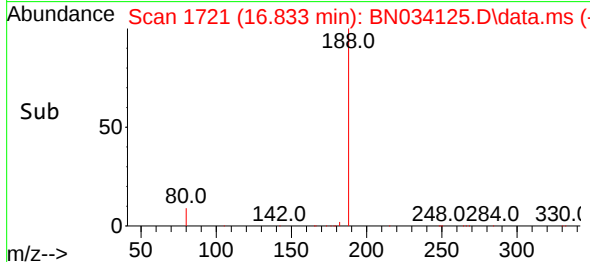
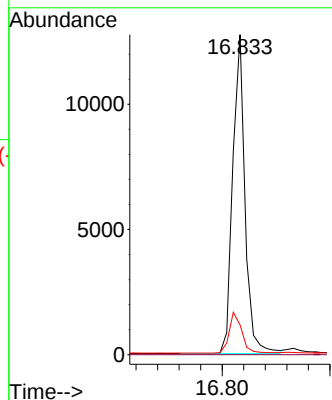
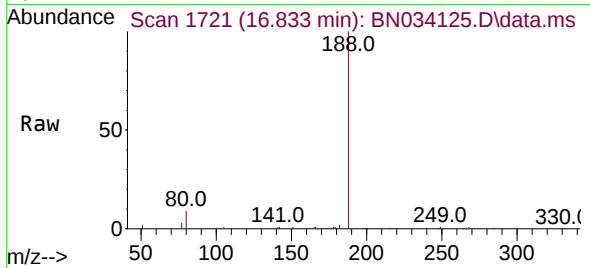




#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 16.833 min Scan# 11
Delta R.T. -0.009 min
Lab File: BN034125.D
Acq: 21 Sep 2024 15:27

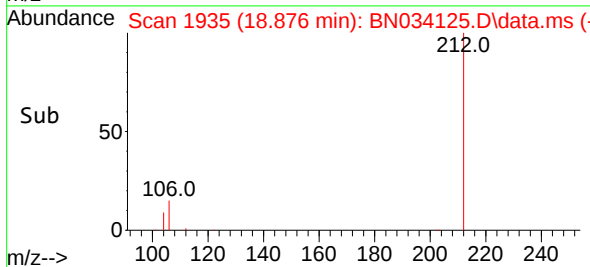
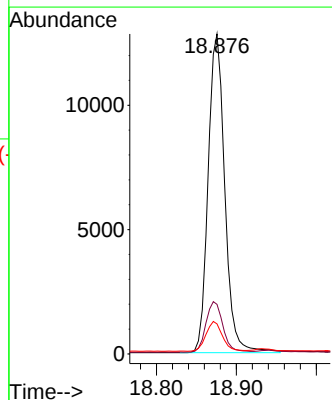
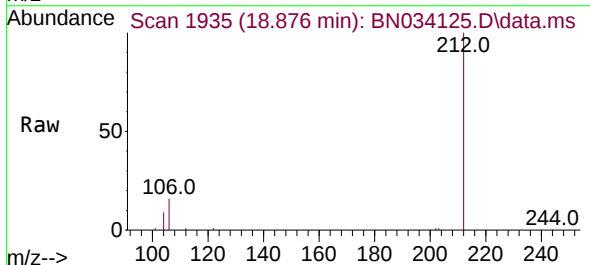
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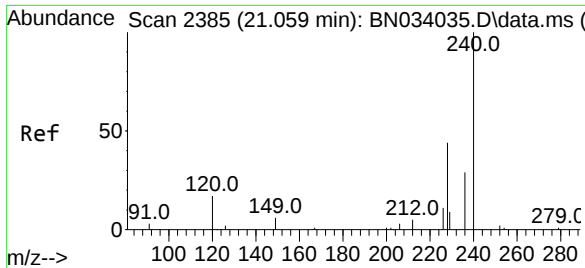
Tgt Ion:188 Resp: 20069
Ion Ratio Lower Upper
188 100
94 0.0 0.0 0.0
80 9.3 7.4 11.0



#27
Fluoranthene-d10
Concen: 0.367 ng
RT: 18.876 min Scan# 1935
Delta R.T. -0.011 min
Lab File: BN034125.D
Acq: 21 Sep 2024 15:27

Tgt Ion:212 Resp: 18564
Ion Ratio Lower Upper
212 100
106 16.0 13.4 20.2
104 9.2 7.8 11.6

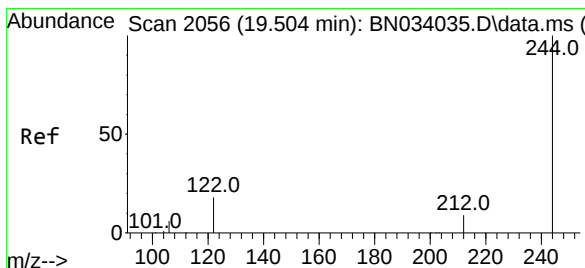
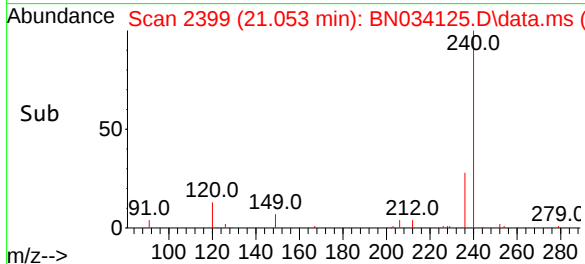
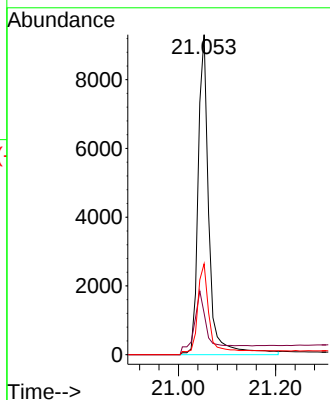
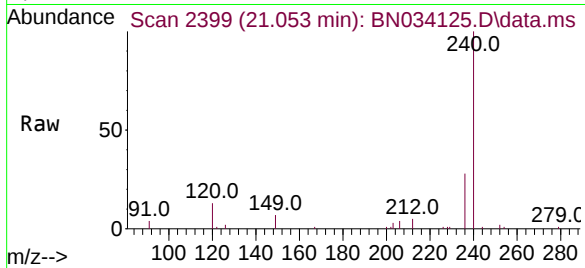




#29
Chrysene-d12
Concen: 0.400 ng
RT: 21.053 min Scan# 21
Delta R.T. -0.006 min
Lab File: BN034125.D
Acq: 21 Sep 2024 15:27

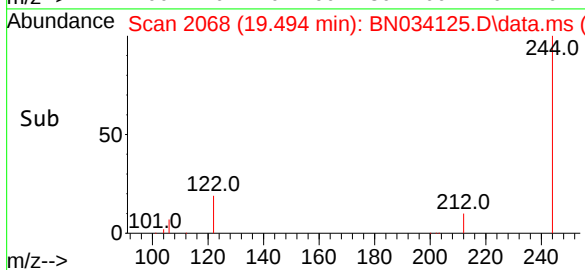
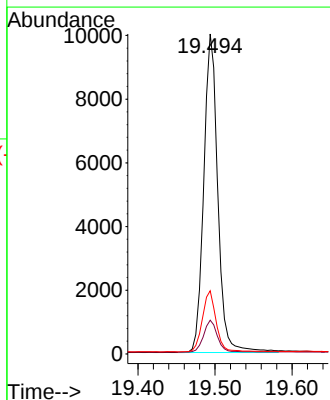
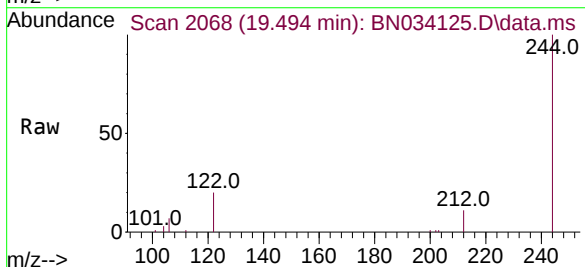
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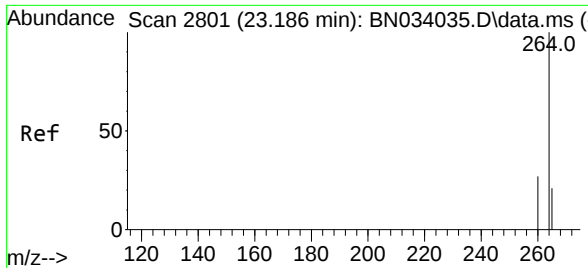
Tgt Ion:240 Resp: 13753
Ion Ratio Lower Upper
240 100
120 12.9 13.5 20.3#
236 28.4 23.4 35.0



#31
Terphenyl-d14
Concen: 0.461 ng
RT: 19.494 min Scan# 2068
Delta R.T. -0.011 min
Lab File: BN034125.D
Acq: 21 Sep 2024 15:27

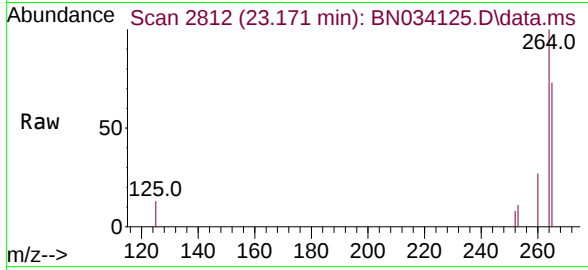
Tgt Ion:244 Resp: 12667
Ion Ratio Lower Upper
244 100
212 10.6 7.8 11.6
122 19.8 14.8 22.2





#35
 Perylene-d12
 Concen: 0.400 ng
 RT: 23.171 min Scan# 21
 Delta R.T. -0.015 min
 Lab File: BN034125.D
 Acq: 21 Sep 2024 15:27

Instrument :
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Tgt Ion:264 Resp: 10620

Ion	Ratio	Lower	Upper
264	100		
260	26.9	21.7	32.5
265	73.5	52.1	78.1

