

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN092124\
Data File : BN034133.D
Acq On : 21 Sep 2024 20:15
Operator : JU/RC
Sample : P4116-23
Misc :
ALS Vial : 97 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
TT17411-20240918

Quant Time: Sep 23 00:00:50 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

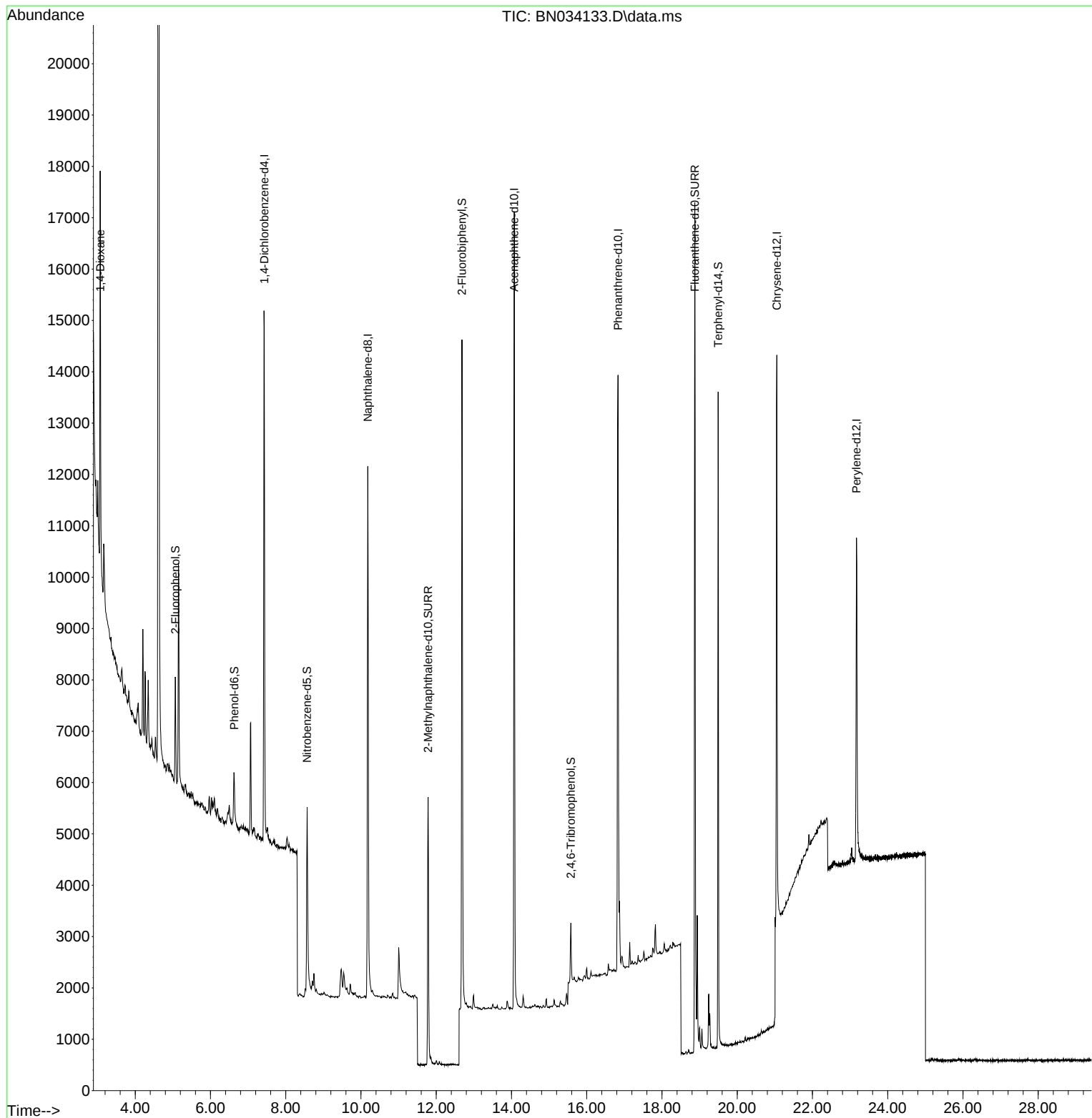
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.430	152	5179	0.400	ng	0.00
7) Naphthalene-d8	10.180	136	14719	0.400	ng	#-0.02
13) Acenaphthene-d10	14.072	164	8626	0.400	ng	0.00
19) Phenanthrene-d10	16.833	188	18161	0.400	ng	0.00
29) Chrysene-d12	21.053	240	11776	0.400	ng	# 0.00
35) Perylene-d12	23.171	264	8963	0.400	ng	#-0.01
System Monitoring Compounds						
4) 2-Fluorophenol	5.069	112	1543	0.105	ng	0.00
5) Phenol-d6	6.629	99	1145	0.067	ng	0.00
8) Nitrobenzene-d5	8.568	82	3707	0.329	ng	0.00
11) 2-Methylnaphthalene-d10	11.784	152	7686	0.354	ng	0.00
14) 2,4,6-Tribromophenol	15.579	330	716	0.183	ng	0.00
15) 2-Fluorobiphenyl	12.683	172	12365	0.352	ng	-0.02
27) Fluoranthene-d10	18.871	212	18557	0.405	ng	-0.02
31) Terphenyl-d14	19.494	244	11613	0.494	ng	-0.01
Target Compounds						
2) 1,4-Dioxane	3.068	88	4111	0.635	ng	# 73

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

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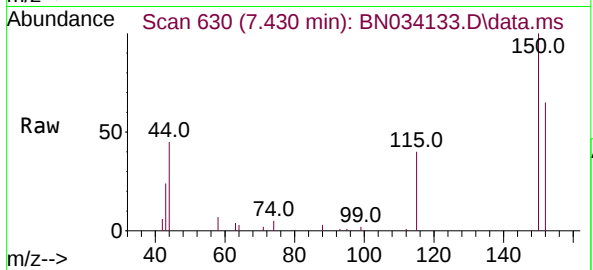
Quant Time: Sep 23 00:00:50 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN091924.M
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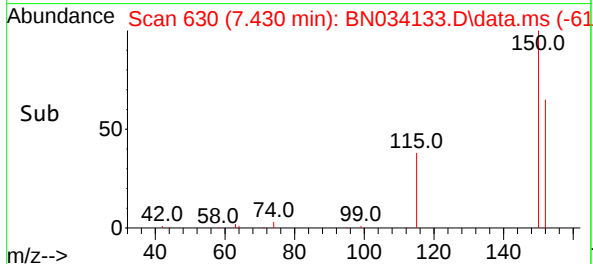
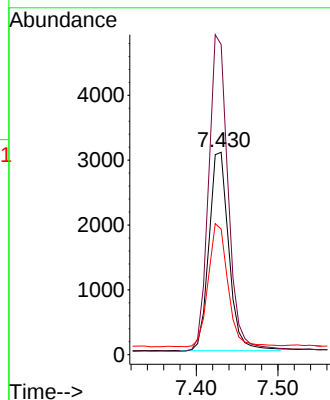
#1
 1,4-Dichlorobenzene-d4
 Concen: 0.400 ng
 RT: 7.430 min Scan# 61
 Delta R.T. -0.007 min
 Lab File: BN034133.D
 Acq: 21 Sep 2024 20:15

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Tgt Ion:152 Resp: 5179

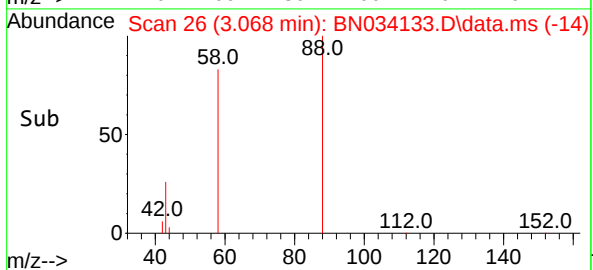
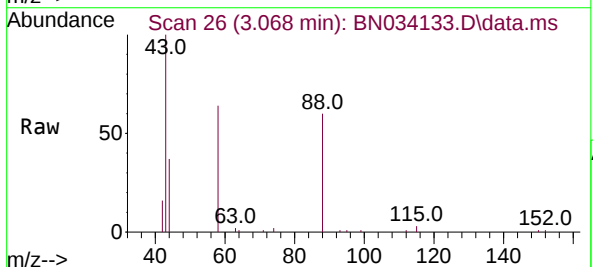
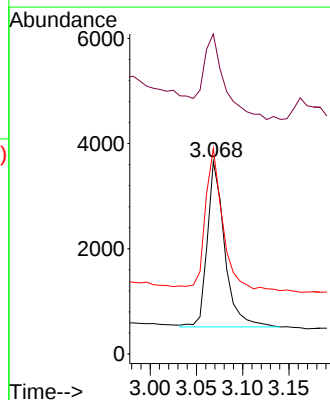
Ion	Ratio	Lower	Upper
152	100		
150	153.2	124.6	187.0
115	62.0	50.0	75.0



#2
 1,4-Dioxane
 Concen: 0.635 ng
 RT: 3.068 min Scan# 26
 Delta R.T. -0.013 min
 Lab File: BN034133.D
 Acq: 21 Sep 2024 20:15

Tgt Ion: 88 Resp: 4111

Ion	Ratio	Lower	Upper
88	100		
43	62.9	25.8	38.8
58	86.3	58.8	88.2

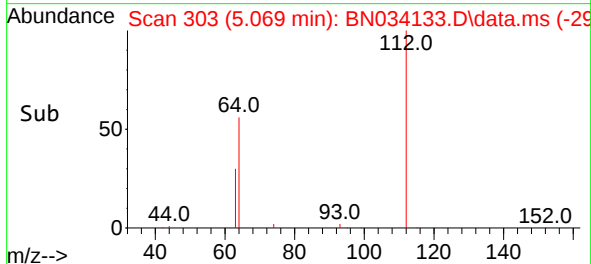
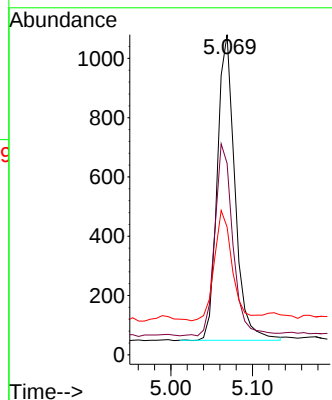
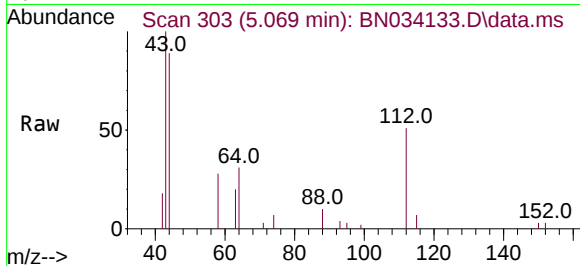




#4
2-Fluorophenol
Concen: 0.105 ng
RT: 5.069 min Scan# 30
Delta R.T. -0.006 min
Lab File: BN034133.D
Acq: 21 Sep 2024 20:15

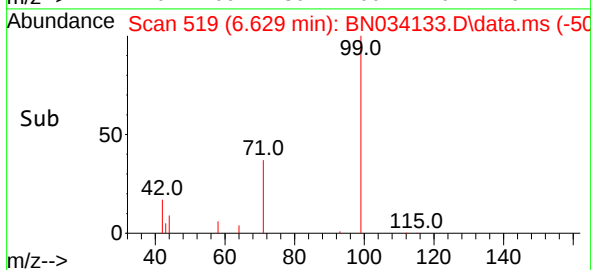
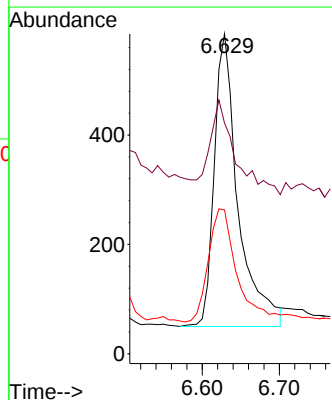
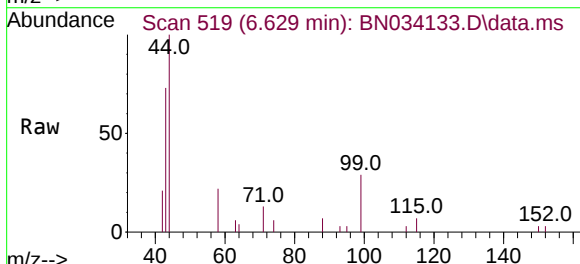
Instrument :
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Tgt Ion:112 Resp: 1543
Ion Ratio Lower Upper
112 100
64 64.4 48.6 72.8
63 36.6 25.6 38.4



#5
Phenol-d6
Concen: 0.067 ng
RT: 6.629 min Scan# 519
Delta R.T. -0.006 min
Lab File: BN034133.D
Acq: 21 Sep 2024 20:15

Tgt Ion: 99 Resp: 1145
Ion Ratio Lower Upper
99 100
42 34.3 17.8 26.8#
71 46.4 26.2 39.2#

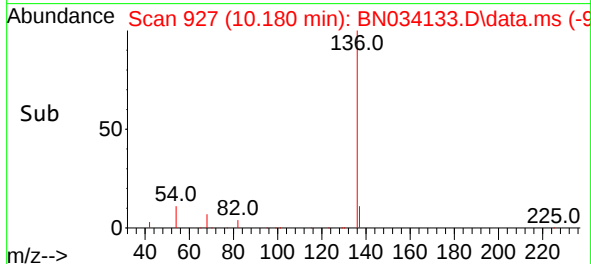
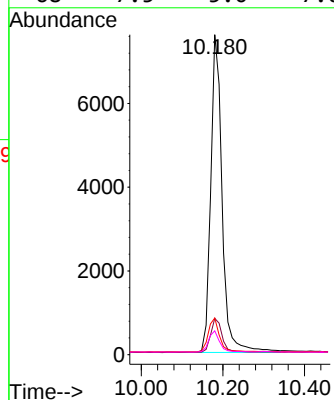
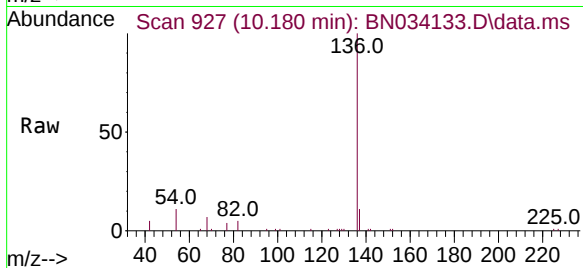




#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.180 min Scan# 915
Delta R.T. -0.017 min
Lab File: BN034133.D
Acq: 21 Sep 2024 20:15

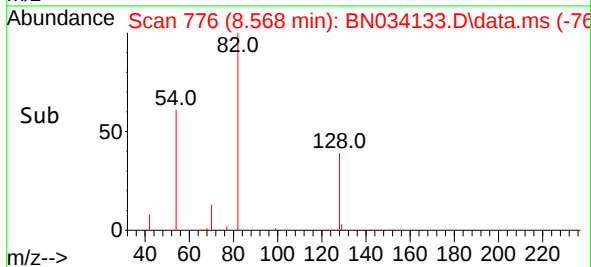
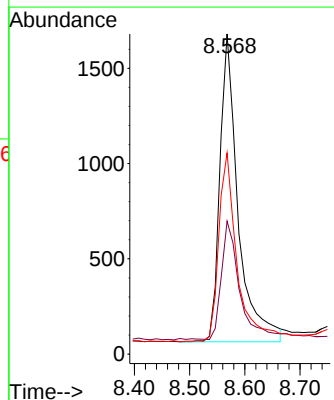
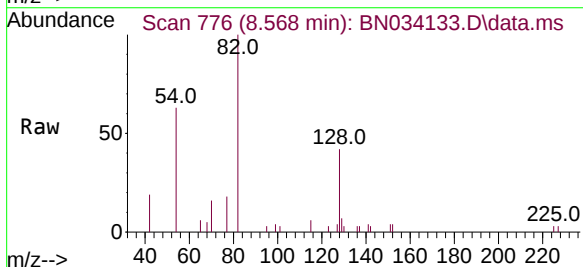
Instrument :
BNA_N
ClientSampleId :
TT17411-20240918

Tgt Ion:136 Resp: 14719
Ion Ratio Lower Upper
136 100
137 11.3 9.0 13.6
54 11.4 6.8 10.2#
68 7.5 5.0 7.6



#8
Nitrobenzene-d5
Concen: 0.329 ng
RT: 8.568 min Scan# 776
Delta R.T. -0.006 min
Lab File: BN034133.D
Acq: 21 Sep 2024 20:15

Tgt Ion: 82 Resp: 3707
Ion Ratio Lower Upper
82 100
128 41.5 31.4 47.2
54 62.9 47.4 71.0

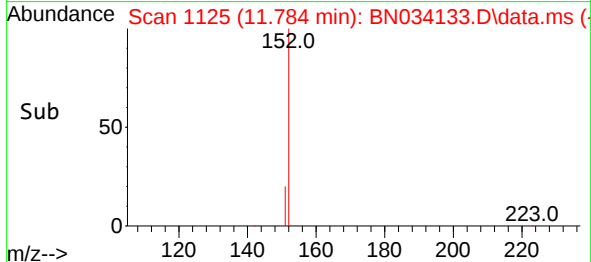
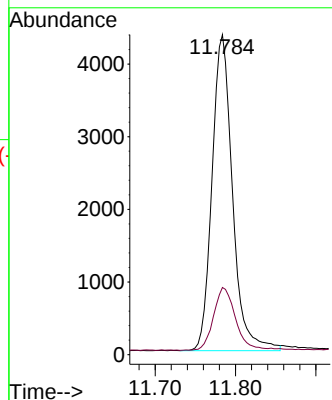
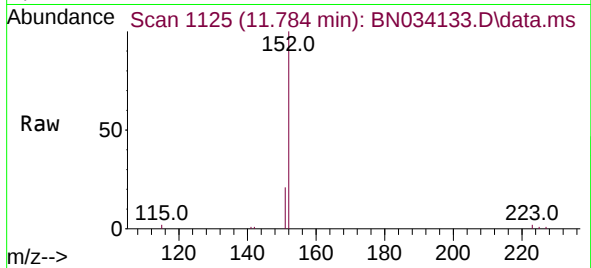




#11
2-Methylnaphthalene-d10
Concen: 0.354 ng
RT: 11.784 min Scan# 1113
Delta R.T. -0.010 min
Lab File: BN034133.D
Acq: 21 Sep 2024 20:15

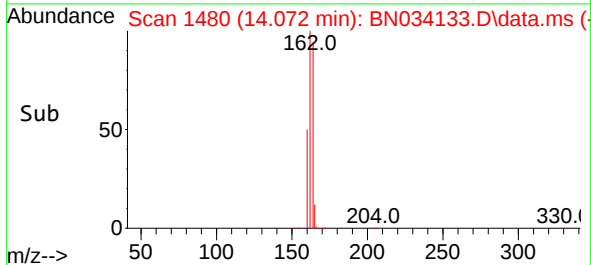
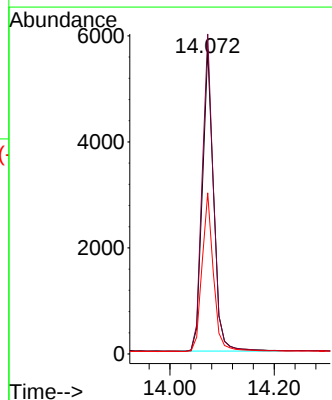
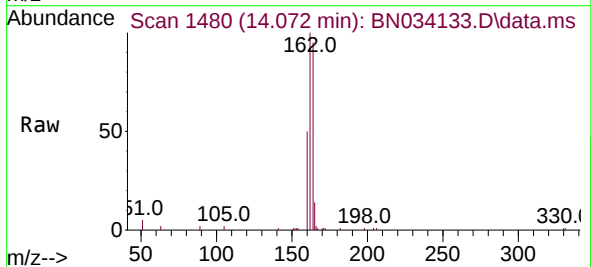
Instrument :
BNA_N
ClientSampleId :
TT17411-20240918

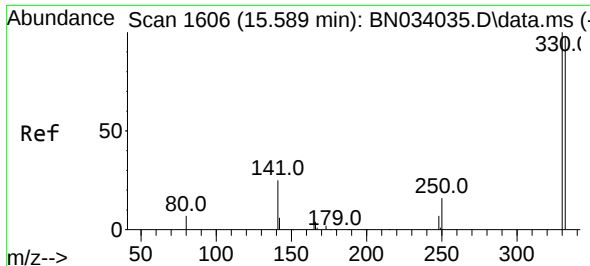
Tgt Ion:152 Resp: 7686
Ion Ratio Lower Upper
152 100
151 21.6 16.8 25.2



#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.072 min Scan# 1480
Delta R.T. -0.009 min
Lab File: BN034133.D
Acq: 21 Sep 2024 20:15

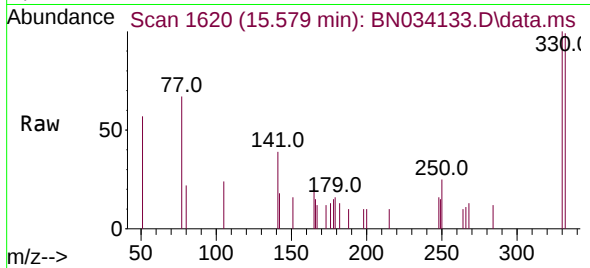
Tgt Ion:164 Resp: 8626
Ion Ratio Lower Upper
164 100
162 105.1 84.2 126.2
160 52.9 41.7 62.5



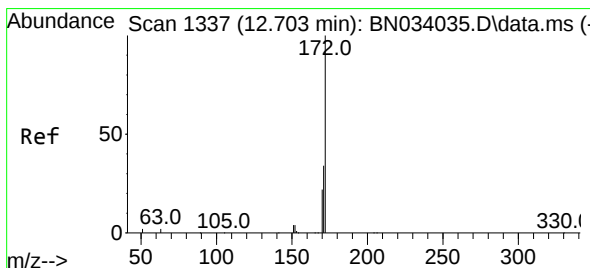
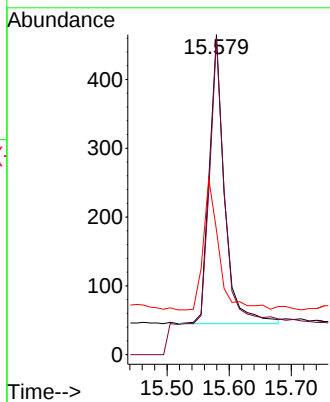
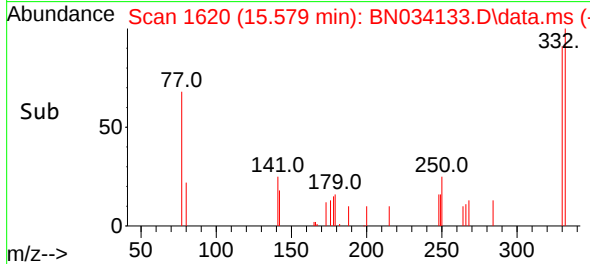


#14
2,4,6-Tribromophenol
Concen: 0.183 ng
RT: 15.579 min Scan# 1620
Delta R.T. -0.009 min
Lab File: BN034133.D
Acq: 21 Sep 2024 20:15

Instrument :
BNA_N
ClientSampleId :
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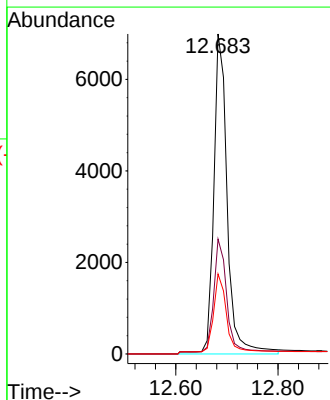
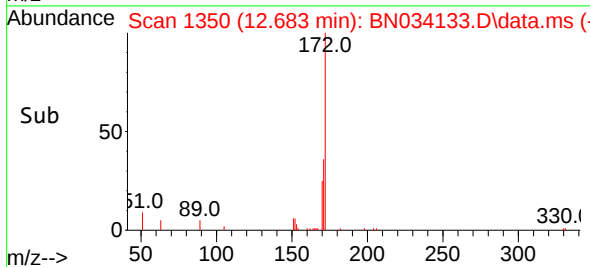
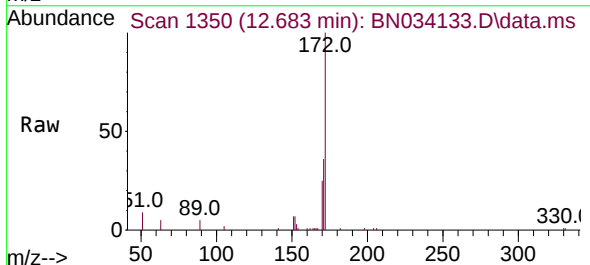


Tgt Ion:330 Resp: 716
Ion Ratio Lower Upper
330 100
332 98.0 77.4 116.0
141 45.9 35.9 53.9



#15
2-Fluorobiphenyl
Concen: 0.352 ng
RT: 12.683 min Scan# 1350
Delta R.T. -0.020 min
Lab File: BN034133.D
Acq: 21 Sep 2024 20:15

Tgt Ion:172 Resp: 12365
Ion Ratio Lower Upper
172 100
171 35.9 27.3 40.9
170 25.0 18.1 27.1

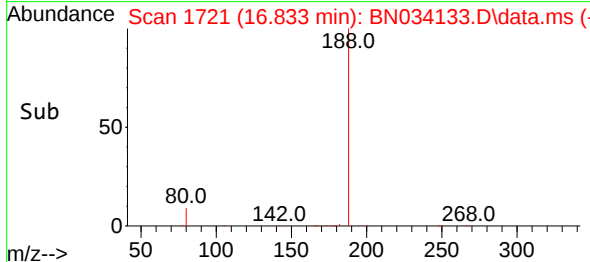
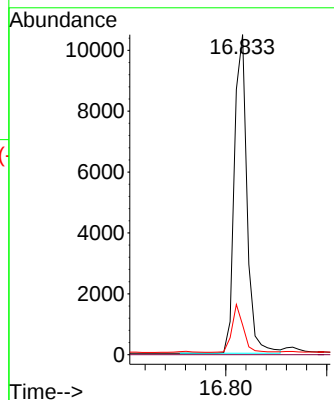
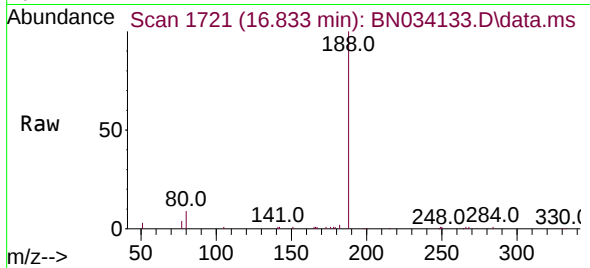




#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 16.833 min Scan# 11
Delta R.T. -0.009 min
Lab File: BN034133.D
Acq: 21 Sep 2024 20:15

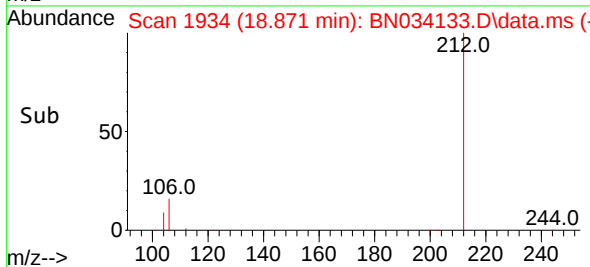
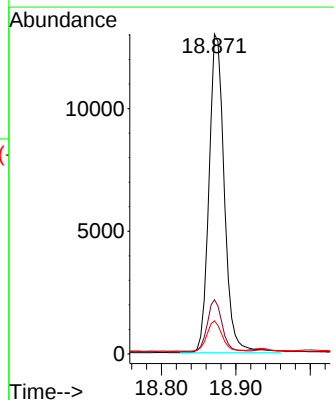
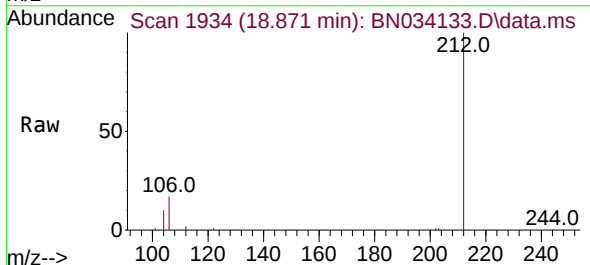
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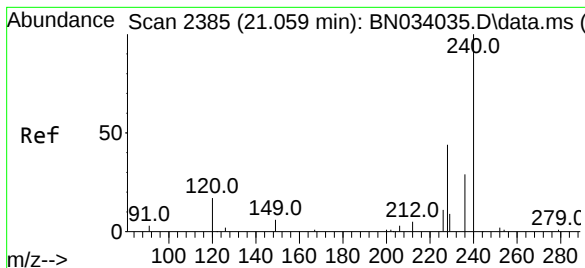
Tgt Ion:188 Resp: 18161
Ion Ratio Lower Upper
188 100
94 0.0 0.0 0.0
80 9.3 7.4 11.0



#27
Fluoranthene-d10
Concen: 0.405 ng
RT: 18.871 min Scan# 1934
Delta R.T. -0.015 min
Lab File: BN034133.D
Acq: 21 Sep 2024 20:15

Tgt Ion:212 Resp: 18557
Ion Ratio Lower Upper
212 100
106 16.0 13.4 20.2
104 9.4 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: BN034133.D

Acq: 21 Sep 2024 20:15

Instrument :

BNA_N

ClientSampleId :

TT17411-20240918

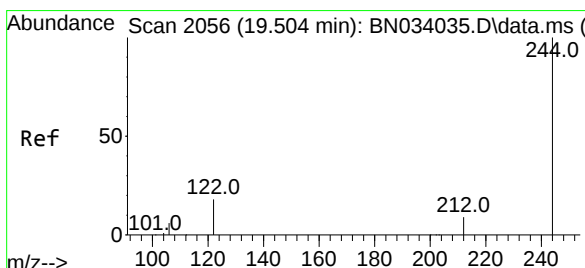
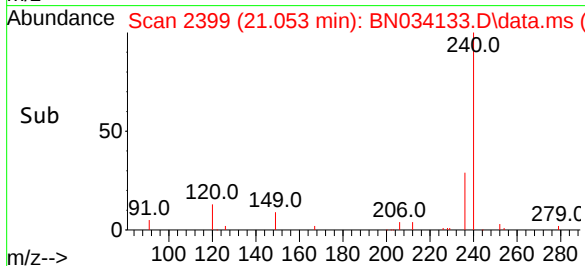
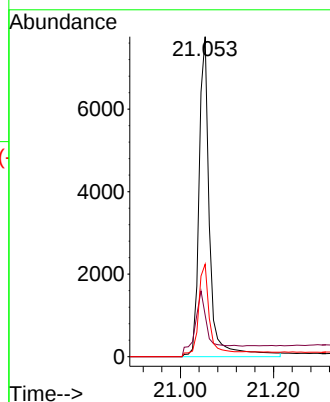
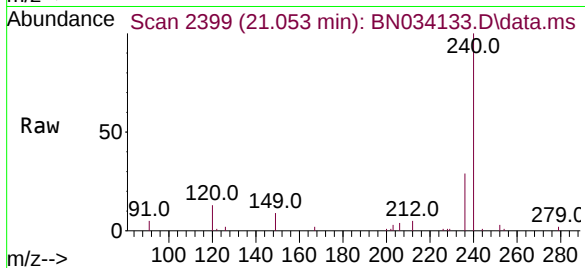
Tgt Ion:240 Resp: 11776

Ion Ratio Lower Upper

240 100

120 13.0 13.5 20.3#

236 28.9 23.4 35.0



#31

Terphenyl-d14

Concen: 0.494 ng

RT: 19.494 min Scan# 2068

Delta R.T. -0.011 min

Lab File: BN034133.D

Acq: 21 Sep 2024 20:15

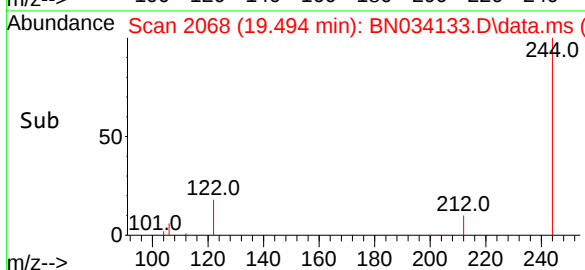
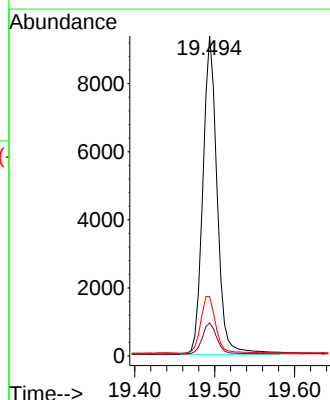
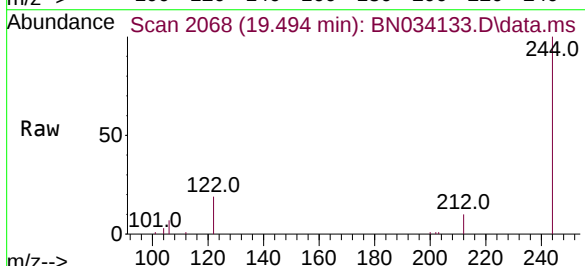
Tgt Ion:244 Resp: 11613

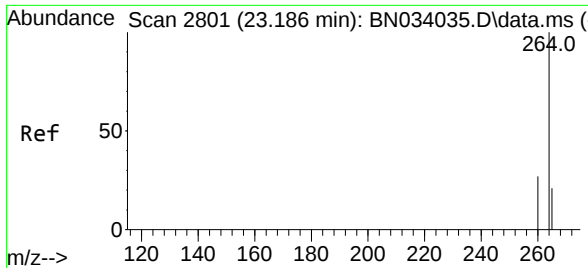
Ion Ratio Lower Upper

244 100

212 10.3 7.8 11.6

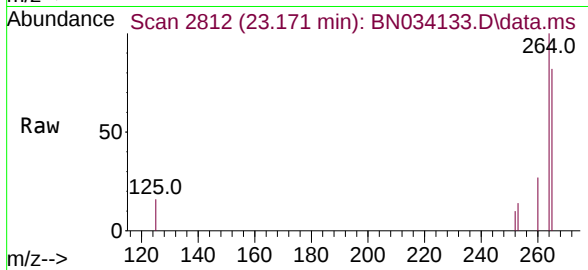
122 18.5 14.8 22.2





#35
 Perylene-d12
 Concen: 0.400 ng
 RT: 23.171 min Scan# 21
 Delta R.T. -0.015 min
 Lab File: BN034133.D
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Tgt Ion:264 Resp: 8963
 Ion Ratio Lower Upper
 264 100
 260 27.4 21.7 32.5
 265 82.0 52.1 78.1#

