

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN092124\
 Data File : BN034126.D
 Acq On : 21 Sep 2024 16:03
 Operator : JU/RC
 Sample : P4116-16
 Misc :
 ALS Vial : 90 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 RE131D1-20240917

Quant Time: Sep 22 23:59:31 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)

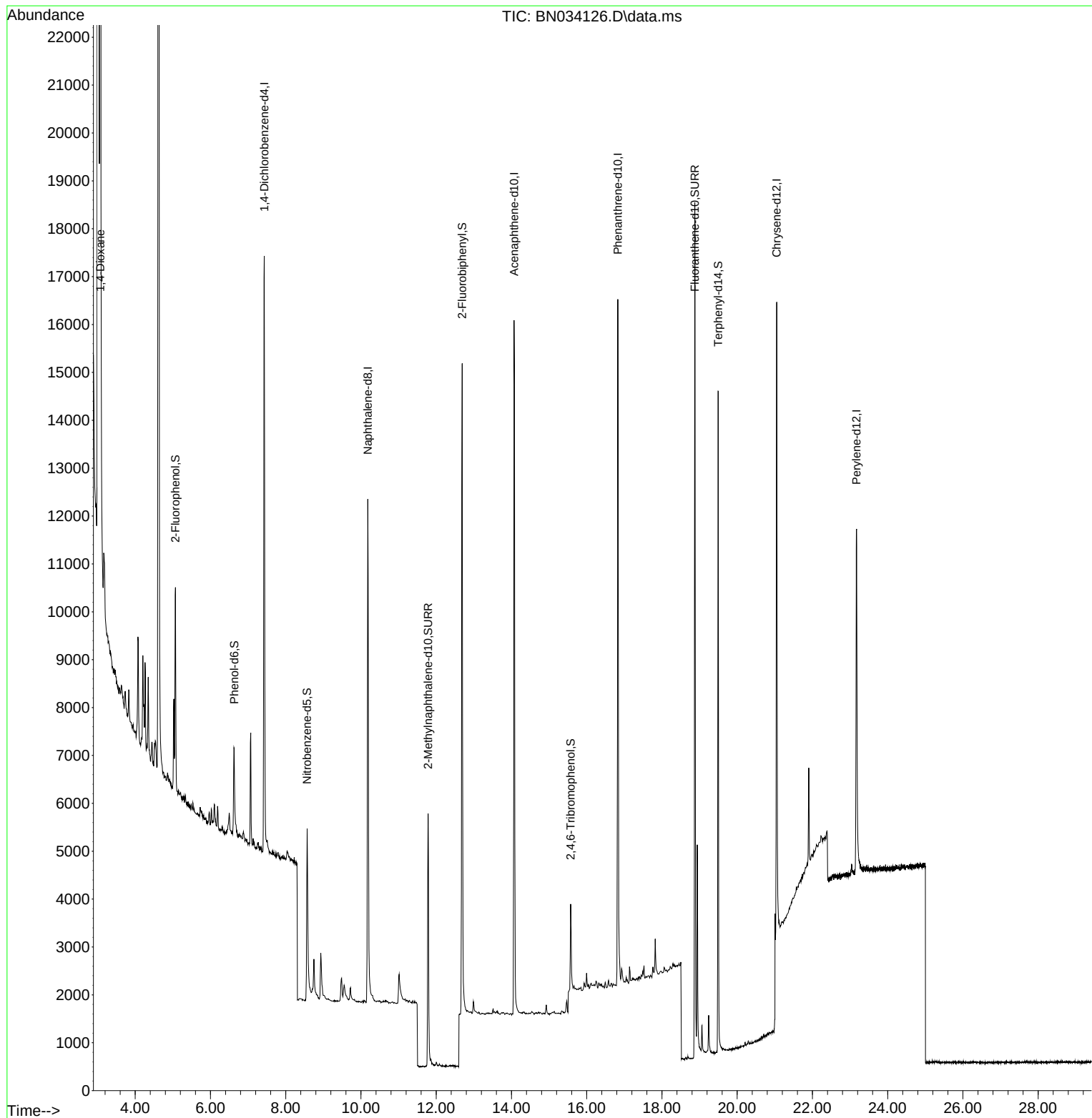
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.431	152	5522	0.400	ng	0.00
7) Naphthalene-d8	10.180	136	15246	0.400	ng	#-0.02
13) Acenaphthene-d10	14.069	164	8928	0.400	ng	-0.01
19) Phenanthrene-d10	16.828	188	18987	0.400	ng	#-0.01
29) Chrysene-d12	21.051	240	13317	0.400	ng	0.00
35) Perylene-d12	23.172	264	10098	0.400	ng	-0.01
System Monitoring Compounds						
4) 2-Fluorophenol	5.069	112	3238	0.207	ng	0.00
5) Phenol-d6	6.629	99	2084	0.114	ng	0.00
8) Nitrobenzene-d5	8.568	82	3807	0.326	ng	0.00
11) 2-Methylnaphthalene-d10	11.784	152	7966	0.354	ng	0.00
14) 2,4,6-Tribromophenol	15.574	330	1106	0.273	ng	-0.01
15) 2-Fluorobiphenyl	12.690	172	13065	0.360	ng	-0.01
27) Fluoranthene-d10	18.874	212	19612	0.409	ng	-0.01
31) Terphenyl-d14	19.496	244	12995	0.489	ng	0.00
Target Compounds						
2) 1,4-Dioxane	3.068	88	54315	7.868	ng	Qvalue # 88

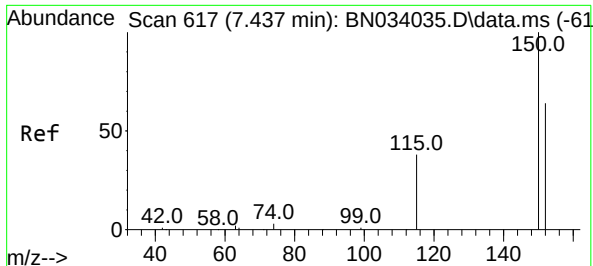
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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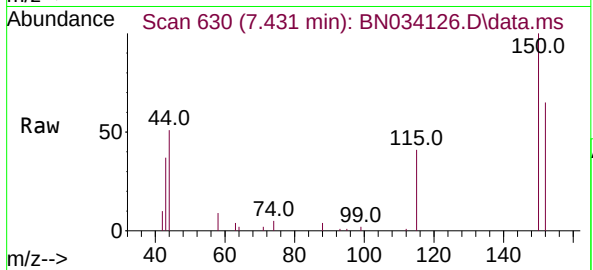
Quant Time: Sep 22 23:59:31 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN091924.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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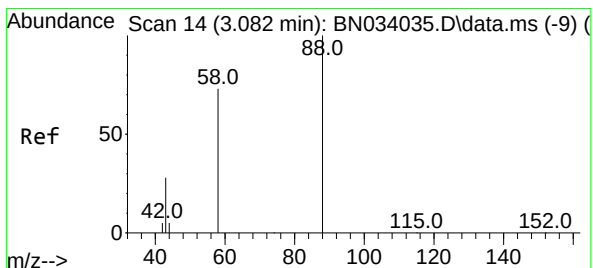
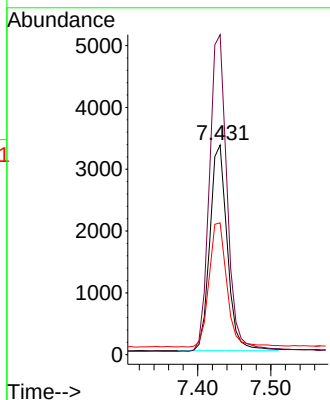
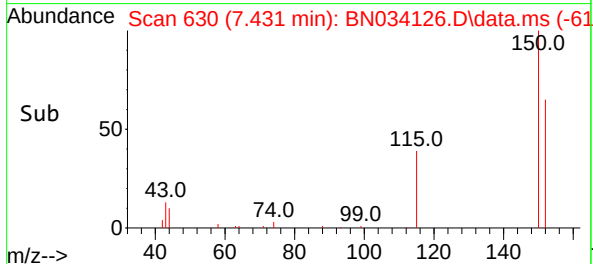


#1
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.431 min Scan# 61
Delta R.T. -0.006 min
Lab File: BN034126.D
Acq: 21 Sep 2024 16:03

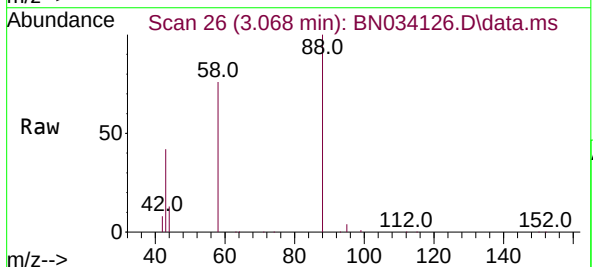
Instrument :
BNA_N
ClientSampleId :
RE131D1-20240917



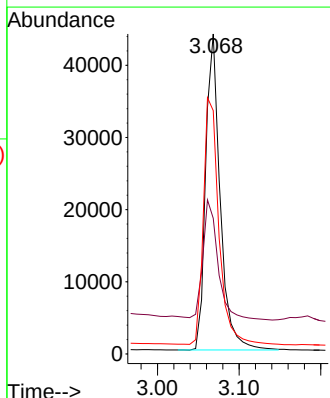
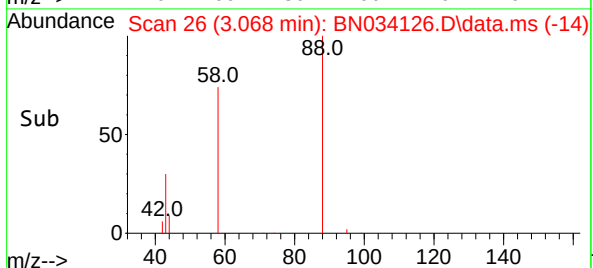
Tgt Ion:152 Resp: 5522
Ion Ratio Lower Upper
152 100
150 152.7 124.6 187.0
115 62.9 50.0 75.0

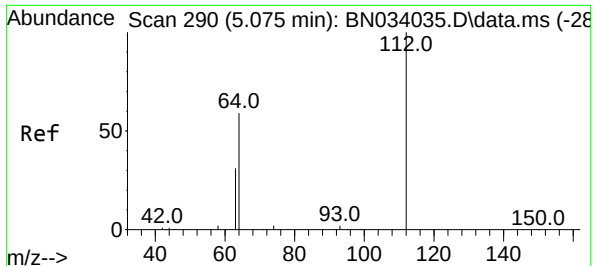


#2
1,4-Dioxane
Concen: 7.868 ng
RT: 3.068 min Scan# 26
Delta R.T. -0.013 min
Lab File: BN034126.D
Acq: 21 Sep 2024 16:03



Tgt Ion: 88 Resp: 54315
Ion Ratio Lower Upper
88 100
43 39.7 25.8 38.8#
58 83.0 58.8 88.2





#4

2-Fluorophenol

Concen: 0.207 ng

RT: 5.069 min Scan# 303

Delta R.T. -0.006 min

Lab File: BN034126.D

Acq: 21 Sep 2024 16:03

Instrument :

BNA_N

ClientSampleId :

RE131D1-20240917

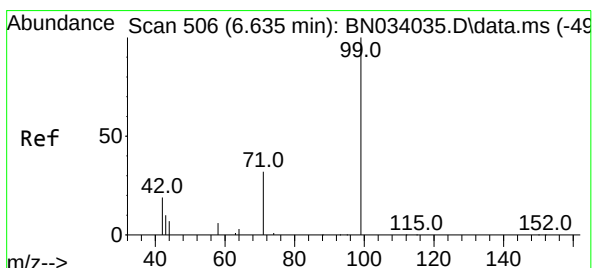
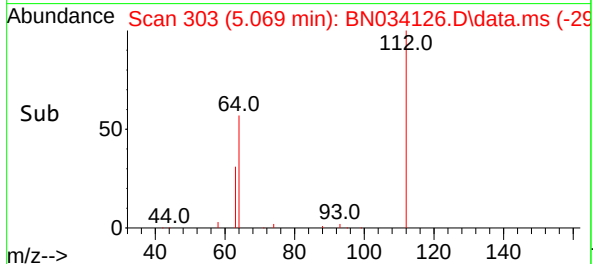
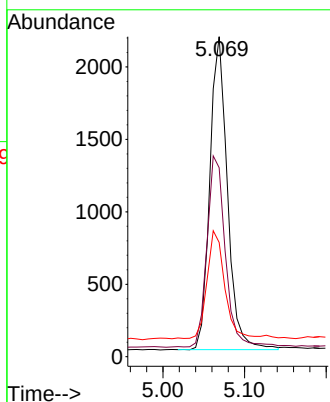
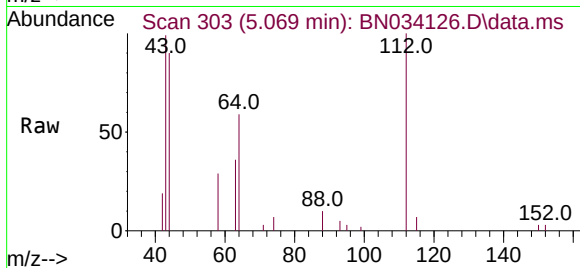
Tgt Ion:112 Resp: 3238

Ion Ratio Lower Upper

112 100

64 64.2 48.6 72.8

63 34.6 25.6 38.4



#5

Phenol-d6

Concen: 0.114 ng

RT: 6.629 min Scan# 519

Delta R.T. -0.006 min

Lab File: BN034126.D

Acq: 21 Sep 2024 16:03

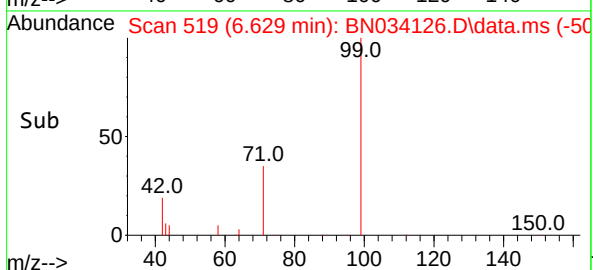
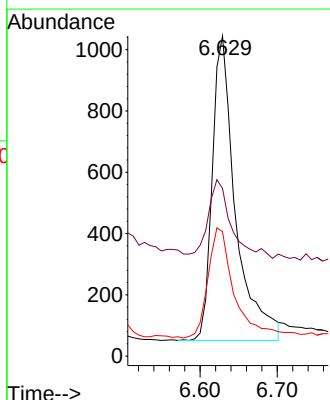
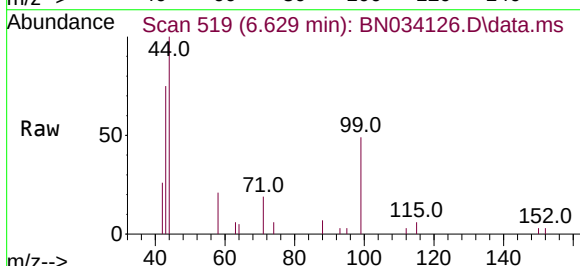
Tgt Ion: 99 Resp: 2084

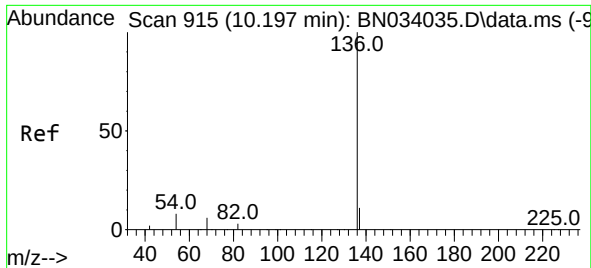
Ion Ratio Lower Upper

99 100

42 25.8 17.8 26.8

71 40.4 26.2 39.2#

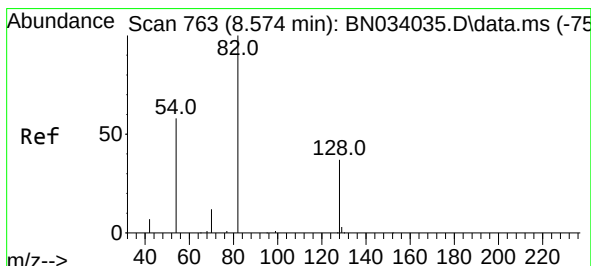
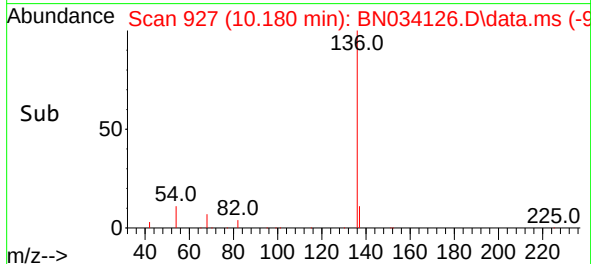
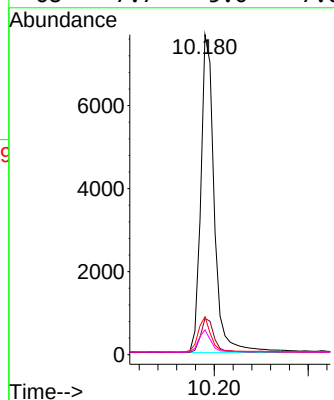
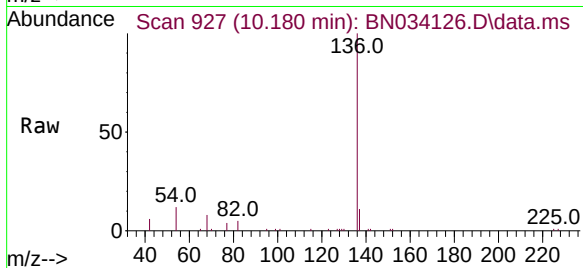




#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.180 min Scan# 915
Delta R.T. -0.017 min
Lab File: BN034126.D
Acq: 21 Sep 2024 16:03

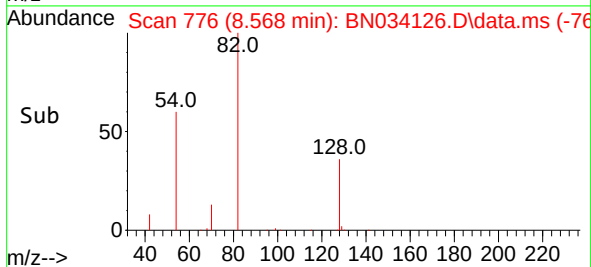
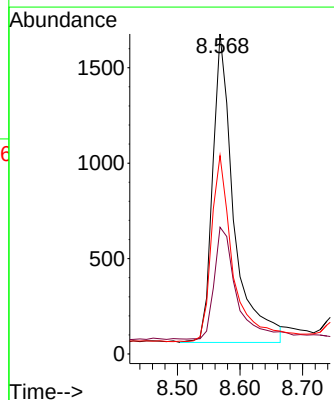
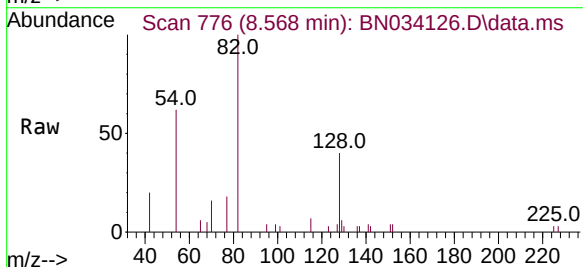
Instrument :
BNA_N
ClientSampleId :
RE131D1-20240917

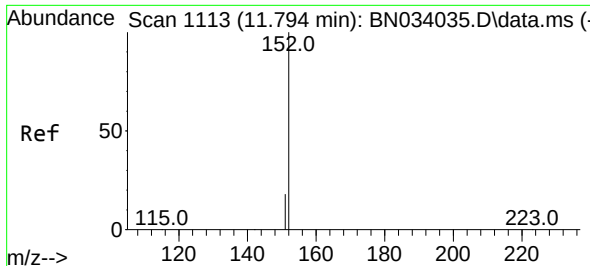
Tgt Ion:	136	Resp:	15246
Ion	Ratio	Lower	Upper
136	100		
137	11.4	9.0	13.6
54	11.9	6.8	10.2#
68	7.7	5.0	7.6#



#8
Nitrobenzene-d5
Concen: 0.326 ng
RT: 8.568 min Scan# 776
Delta R.T. -0.006 min
Lab File: BN034126.D
Acq: 21 Sep 2024 16:03

Tgt Ion:	82	Resp:	3807
Ion	Ratio	Lower	Upper
82	100		
128	39.6	31.4	47.2
54	62.0	47.4	71.0

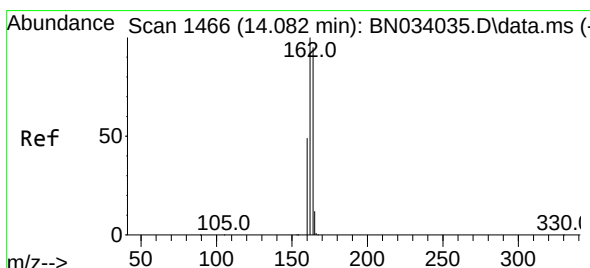
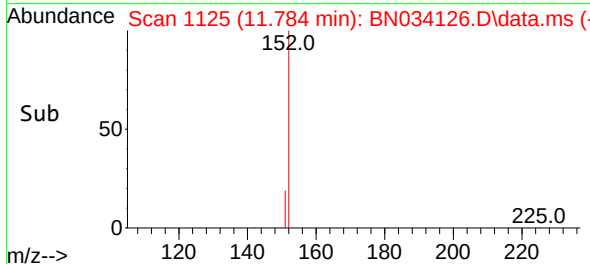
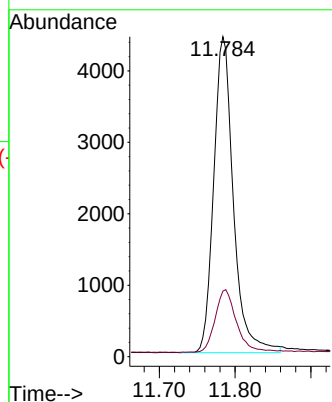
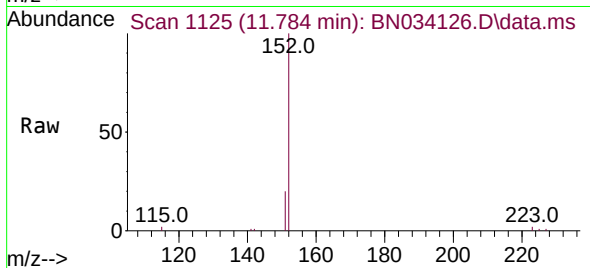




#11
2-Methylnaphthalene-d10
Concen: 0.354 ng
RT: 11.784 min Scan# 1113
Delta R.T. -0.010 min
Lab File: BN034126.D
Acq: 21 Sep 2024 16:03

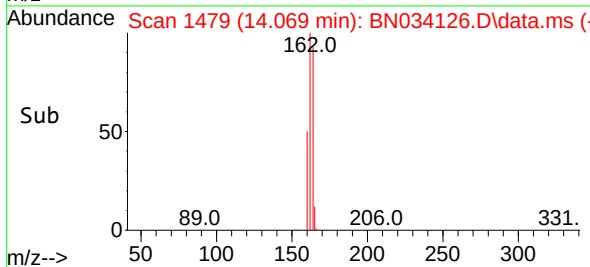
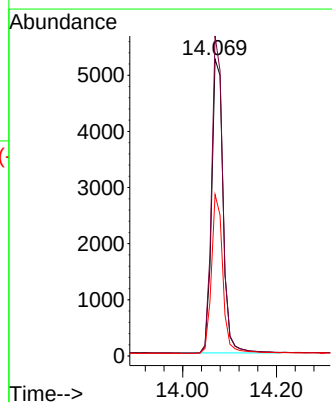
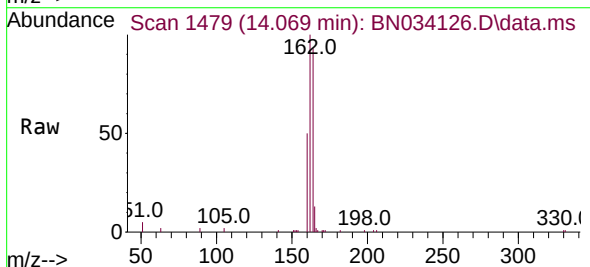
Instrument :
BNA_N
ClientSampleId :
RE131D1-20240917

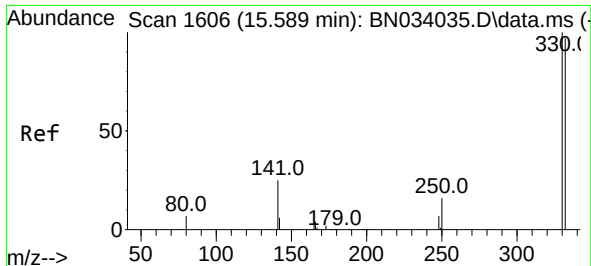
Tgt Ion:152 Resp: 7966
Ion Ratio Lower Upper
152 100
151 21.6 16.8 25.2



#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.069 min Scan# 1479
Delta R.T. -0.013 min
Lab File: BN034126.D
Acq: 21 Sep 2024 16:03

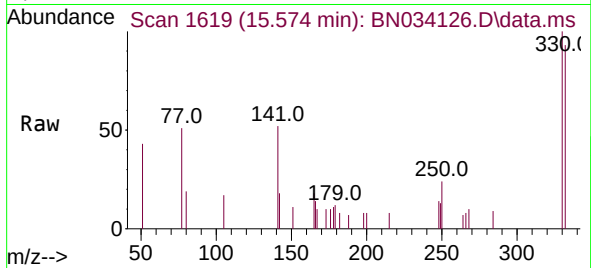
Tgt Ion:164 Resp: 8928
Ion Ratio Lower Upper
164 100
162 107.8 84.2 126.2
160 54.4 41.7 62.5



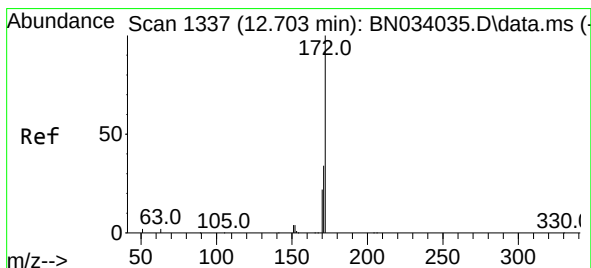
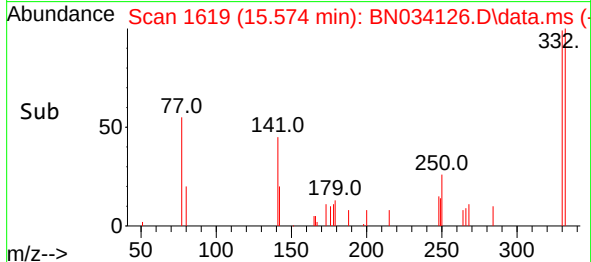
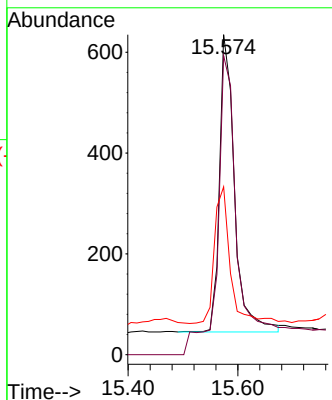


#14
2,4,6-Tribromophenol
Concen: 0.273 ng
RT: 15.574 min Scan# 1
Delta R.T. -0.015 min
Lab File: BN034126.D
Acq: 21 Sep 2024 16:03

Instrument :
BNA_N
ClientSampleId :
RE131D1-20240917

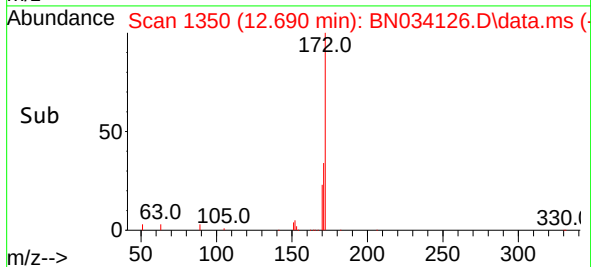
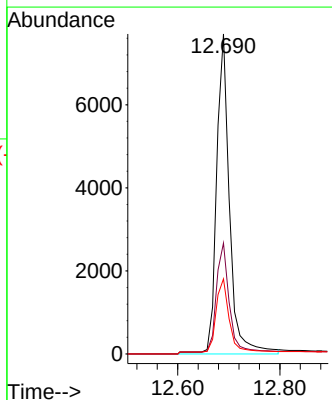
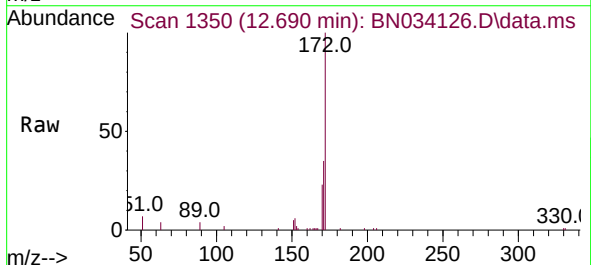


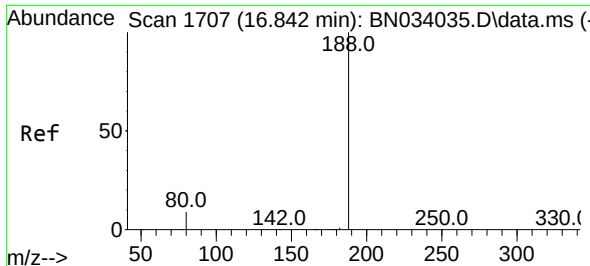
Tgt Ion:330 Resp: 1106
Ion Ratio Lower Upper
330 100
332 138.5 77.4 116.0#
141 49.0 35.9 53.9



#15
2-Fluorobiphenyl
Concen: 0.360 ng
RT: 12.690 min Scan# 1350
Delta R.T. -0.013 min
Lab File: BN034126.D
Acq: 21 Sep 2024 16:03

Tgt Ion:172 Resp: 13065
Ion Ratio Lower Upper
172 100
171 34.6 27.3 40.9
170 23.5 18.1 27.1

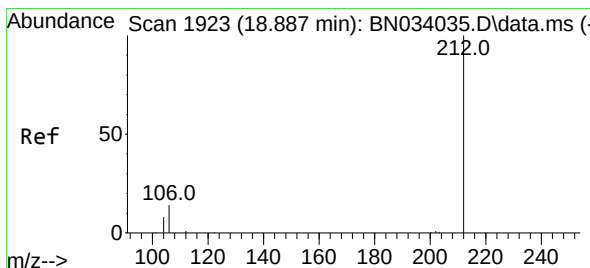
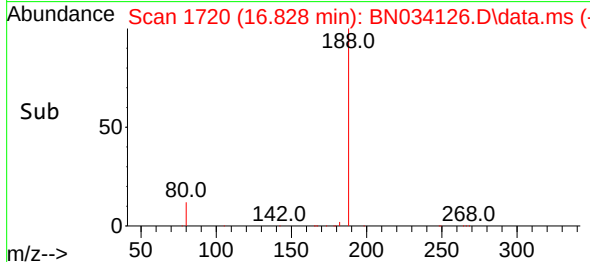
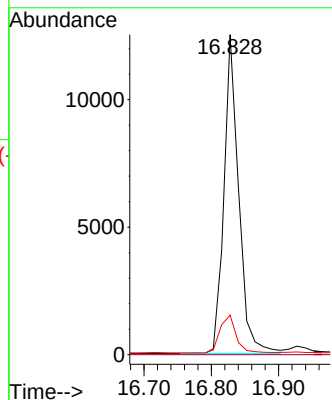
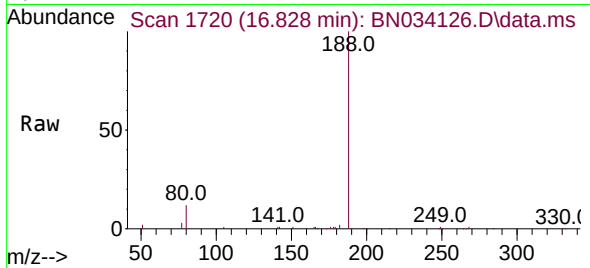




#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 16.828 min Scan# 11
Delta R.T. -0.015 min
Lab File: BN034126.D
Acq: 21 Sep 2024 16:03

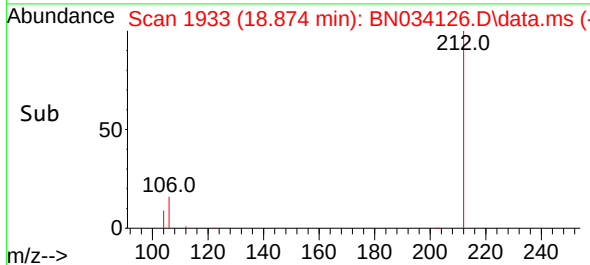
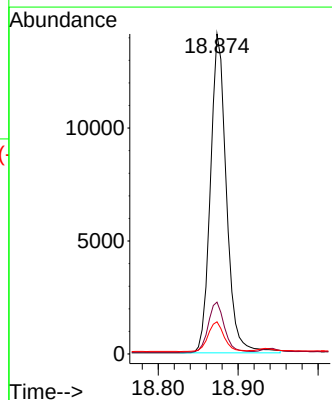
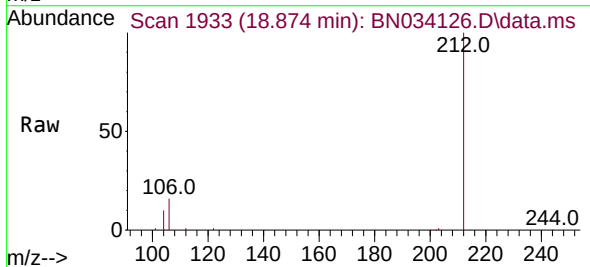
Instrument :
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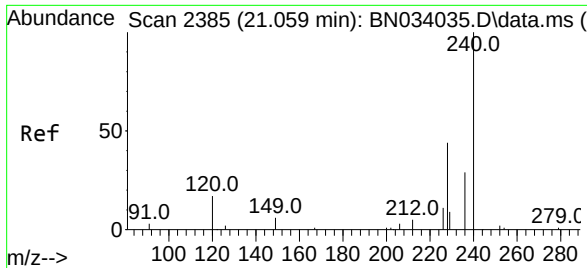
Tgt Ion:188 Resp: 18987
Ion Ratio Lower Upper
188 100
94 0.0 0.0 0.0
80 12.4 7.4 11.0#



#27
Fluoranthene-d10
Concen: 0.409 ng
RT: 18.874 min Scan# 1933
Delta R.T. -0.013 min
Lab File: BN034126.D
Acq: 21 Sep 2024 16:03

Tgt Ion:212 Resp: 19612
Ion Ratio Lower Upper
212 100
106 15.9 13.4 20.2
104 9.3 7.8 11.6





#29

Chrysene-d12

Concen: 0.400 ng

RT: 21.051 min Scan# 21

Delta R.T. -0.008 min

Lab File: BN034126.D

Acq: 21 Sep 2024 16:03

Instrument :

BNA_N

ClientSampleId :

RE131D1-20240917

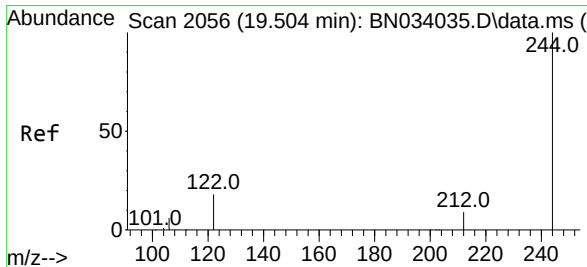
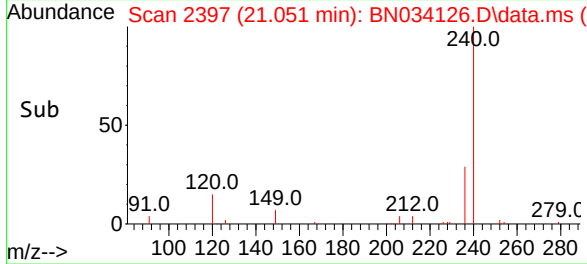
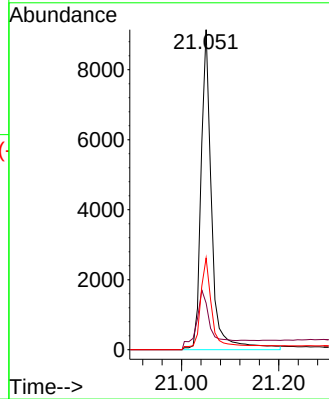
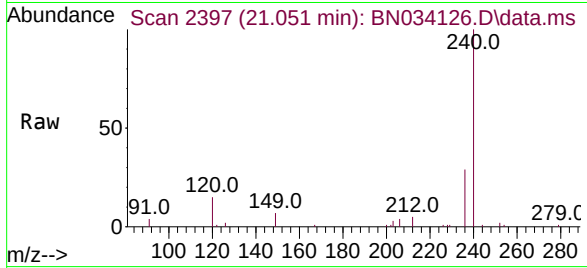
Tgt Ion:240 Resp: 13317

Ion Ratio Lower Upper

240 100

120 14.5 13.5 20.3

236 28.7 23.4 35.0



#31

Terphenyl-d14

Concen: 0.489 ng

RT: 19.496 min Scan# 2067

Delta R.T. -0.008 min

Lab File: BN034126.D

Acq: 21 Sep 2024 16:03

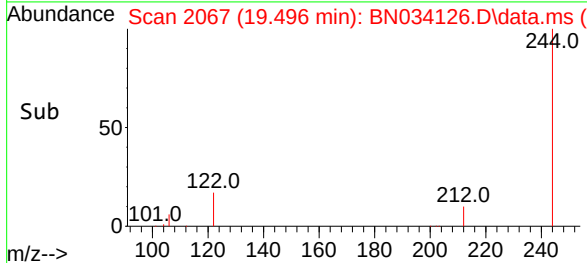
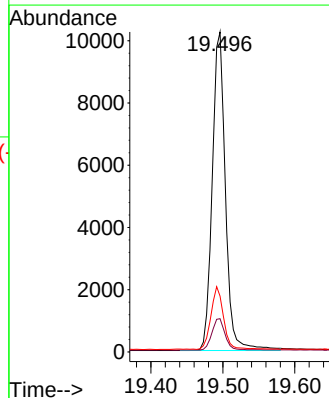
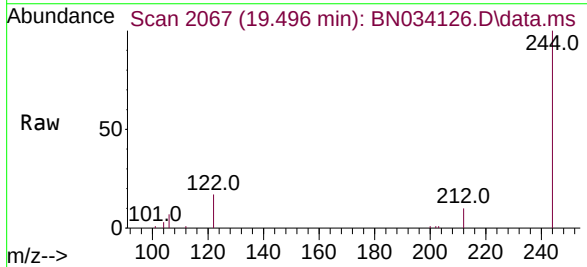
Tgt Ion:244 Resp: 12995

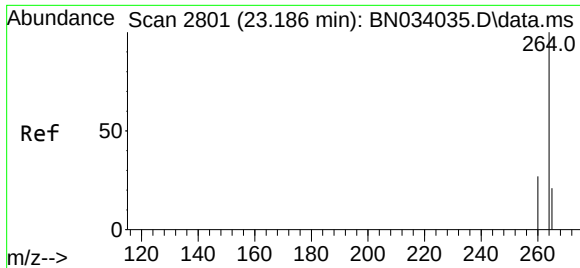
Ion Ratio Lower Upper

244 100

212 10.4 7.8 11.6

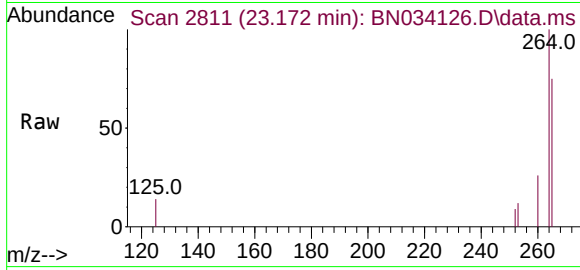
122 17.4 14.8 22.2





#35
Perylene-d12
Concen: 0.400 ng
RT: 23.172 min Scan# 21
Delta R.T. -0.014 min
Lab File: BN034126.D
Acq: 21 Sep 2024 16:03

Instrument :
BNA_N
ClientSampleId :
RE131D1-20240917



Tgt Ion:264 Resp: 10098
Ion Ratio Lower Upper
264 100
260 25.9 21.7 32.5
265 75.2 52.1 78.1

