

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN092124\
 Data File : BN034128.D
 Acq On : 21 Sep 2024 17:15
 Operator : JU/RC
 Sample : P4116-18
 Misc :
 ALS Vial : 92 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 RE131D3-20240917

Quant Time: Sep 22 23:59:54 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)

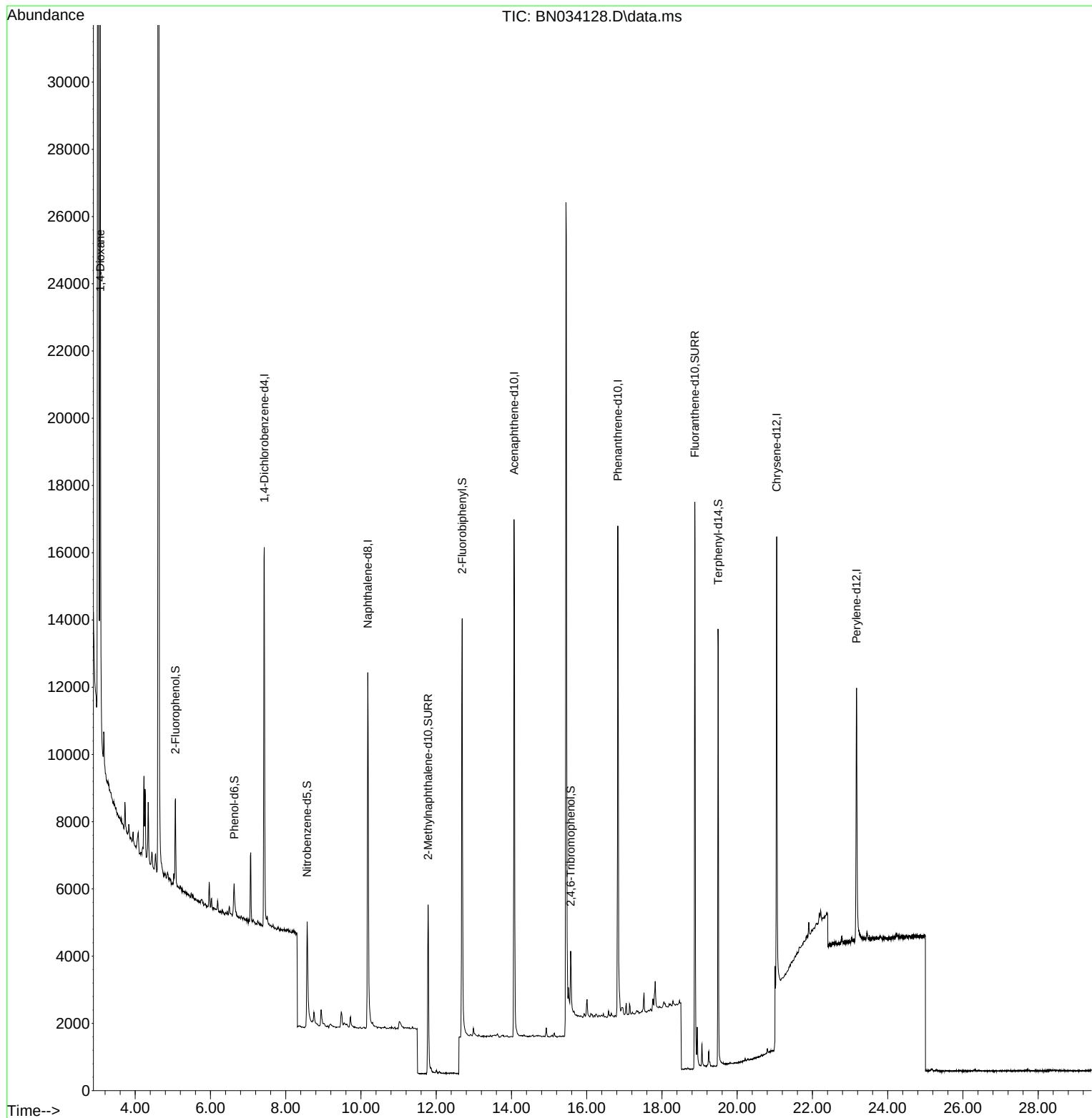
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.430	152	5711	0.400	ng	0.00
7) Naphthalene-d8	10.180	136	15751	0.400	ng	#-0.02
13) Acenaphthene-d10	14.069	164	9305	0.400	ng	-0.01
19) Phenanthrene-d10	16.828	188	19685	0.400	ng	#-0.01
29) Chrysene-d12	21.051	240	13373	0.400	ng	0.00
35) Perylene-d12	23.172	264	10693	0.400	ng	-0.01
System Monitoring Compounds						
4) 2-Fluorophenol	5.069	112	1976	0.122	ng	0.00
5) Phenol-d6	6.629	99	1080	0.057	ng	0.00
8) Nitrobenzene-d5	8.568	82	3500	0.290	ng	0.00
11) 2-Methylnaphthalene-d10	11.784	152	7637	0.328	ng	0.00
14) 2,4,6-Tribromophenol	15.574	330	1019	0.242	ng	-0.01
15) 2-Fluorobiphenyl	12.690	172	12307	0.325	ng	-0.01
27) Fluoranthene-d10	18.873	212	19166	0.386	ng	-0.01
31) Terphenyl-d14	19.491	244	12302	0.461	ng	-0.01
Target Compounds						
2) 1,4-Dioxane	3.068	88	13268	1.858	ng	Qvalue # 81

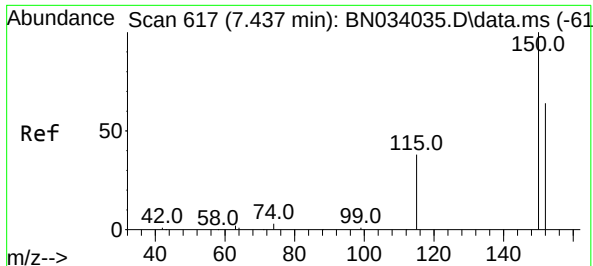
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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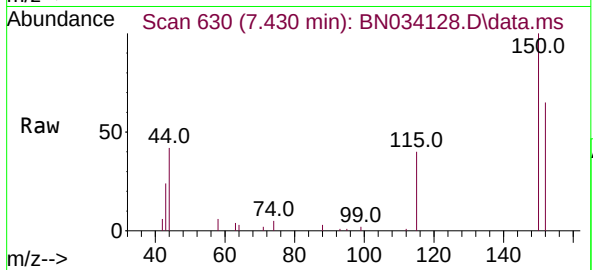
Quant Time: Sep 22 23:59:54 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN091924.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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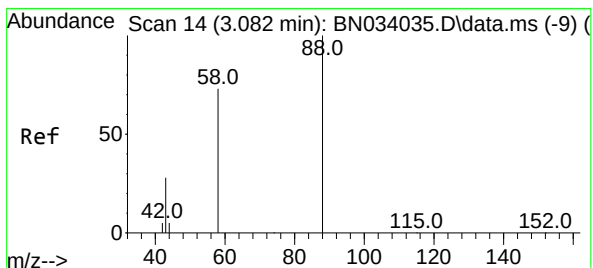
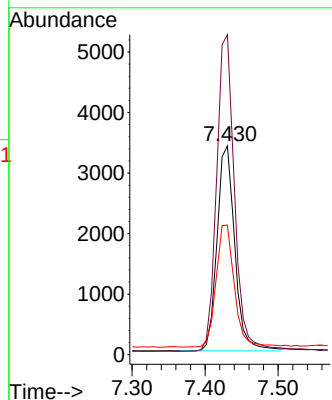
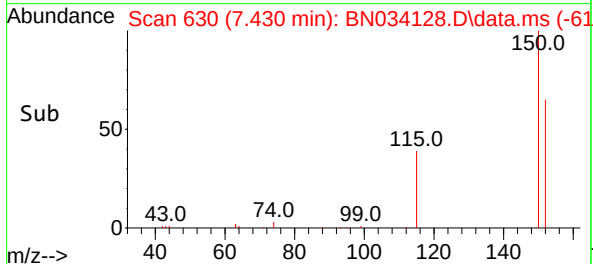
#1
 1,4-Dichlorobenzene-d4
 Concen: 0.400 ng
 RT: 7.430 min Scan# 61
 Delta R.T. -0.007 min
 Lab File: BN034128.D
 Acq: 21 Sep 2024 17:15

Instrument :
 BNA_N
 ClientSampleId :
 RE131D3-20240917

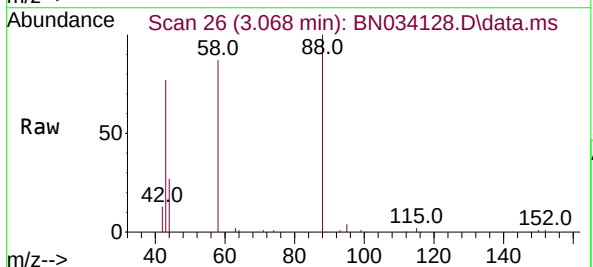


Tgt Ion:152 Resp: 5711

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

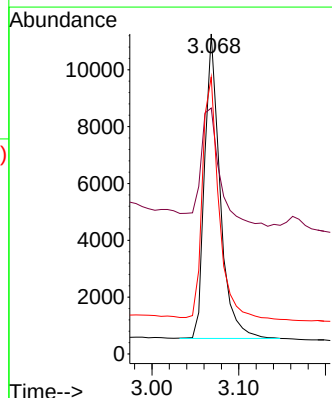
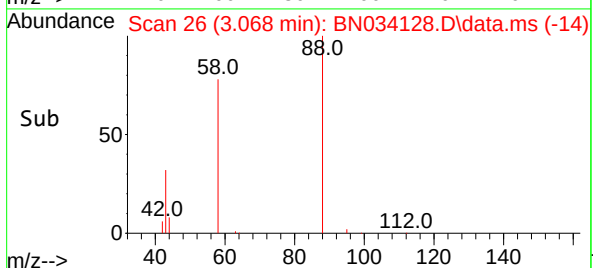


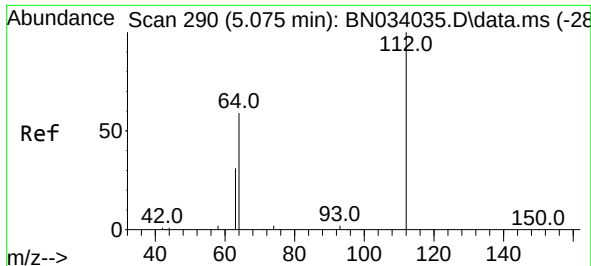
#2
 1,4-Dioxane
 Concen: 1.858 ng
 RT: 3.068 min Scan# 26
 Delta R.T. -0.013 min
 Lab File: BN034128.D
 Acq: 21 Sep 2024 17:15



Tgt Ion: 88 Resp: 13268

Ion	Ratio	Lower	Upper
88	100		
43	49.9	25.8	38.8
58	85.4	58.8	88.2

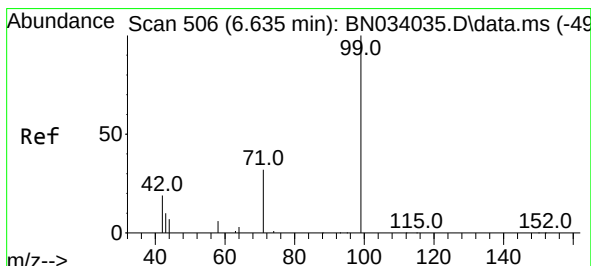
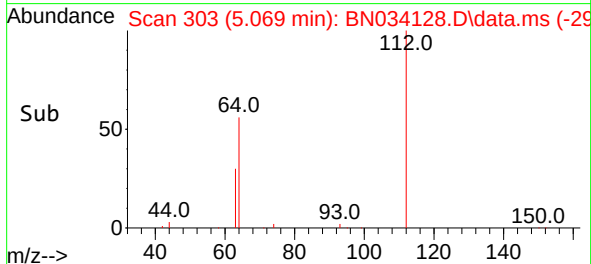
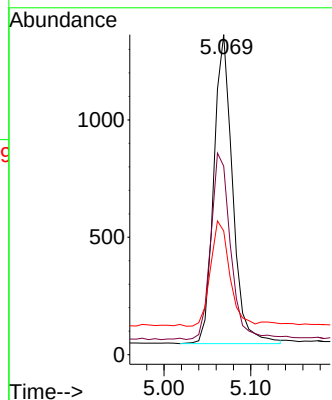
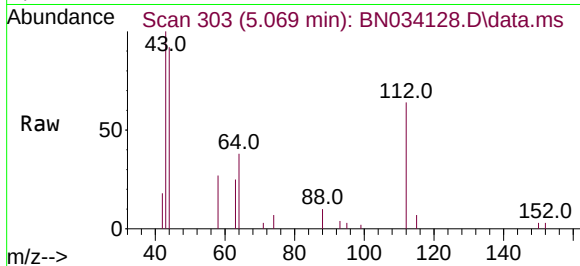




#4
2-Fluorophenol
Concen: 0.122 ng
RT: 5.069 min Scan# 30
Delta R.T. -0.006 min
Lab File: BN034128.D
Acq: 21 Sep 2024 17:15

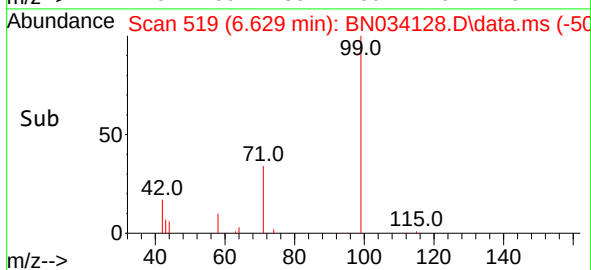
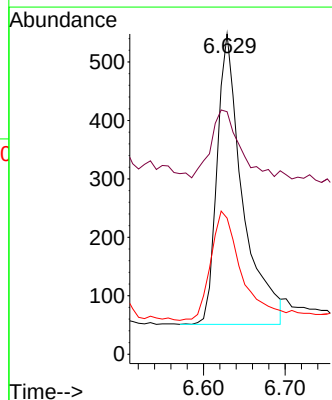
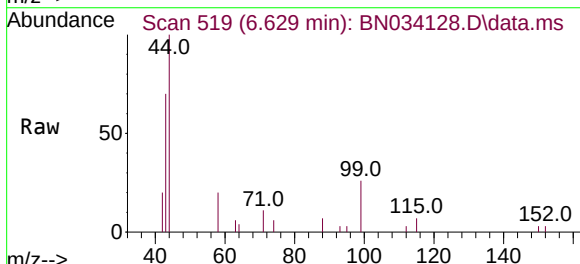
Instrument :
BNA_N
ClientSampleId :
RE131D3-20240917

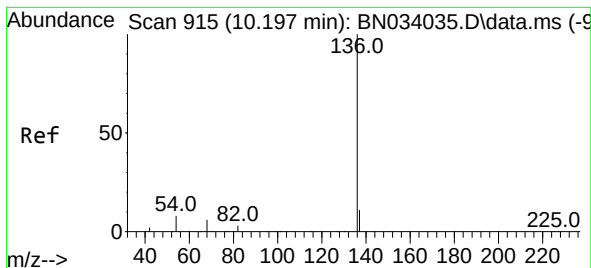
Tgt Ion:112 Resp: 1976
Ion Ratio Lower Upper
112 100
64 64.3 48.6 72.8
63 34.7 25.6 38.4



#5
Phenol-d6
Concen: 0.057 ng
RT: 6.629 min Scan# 519
Delta R.T. -0.006 min
Lab File: BN034128.D
Acq: 21 Sep 2024 17:15

Tgt Ion: 99 Resp: 1080
Ion Ratio Lower Upper
99 100
42 26.4 17.8 26.8
71 45.5 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: BN034128.D

Acq: 21 Sep 2024 17:15

Instrument :

BNA_N

ClientSampleId :

RE131D3-20240917

Tgt Ion:136 Resp: 15751

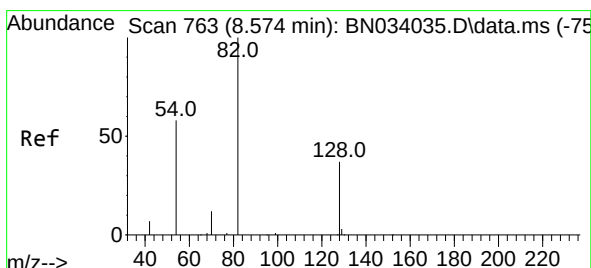
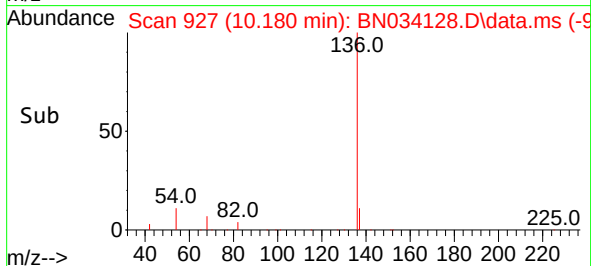
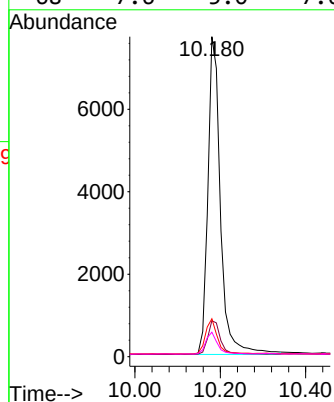
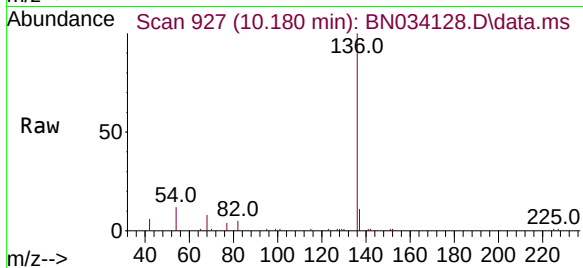
Ion Ratio Lower Upper

136 100

137 11.2 9.0 13.6

54 11.8 6.8 10.2#

68 7.6 5.0 7.6#



#8

Nitrobenzene-d5

Concen: 0.290 ng

RT: 8.568 min Scan# 776

Delta R.T. -0.006 min

Lab File: BN034128.D

Acq: 21 Sep 2024 17:15

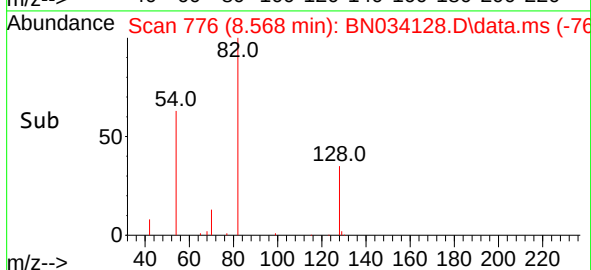
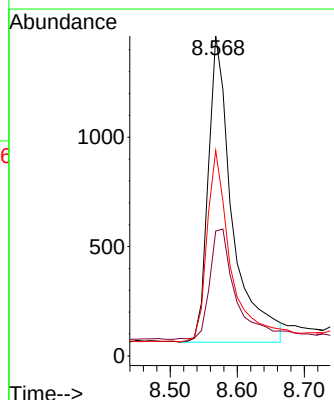
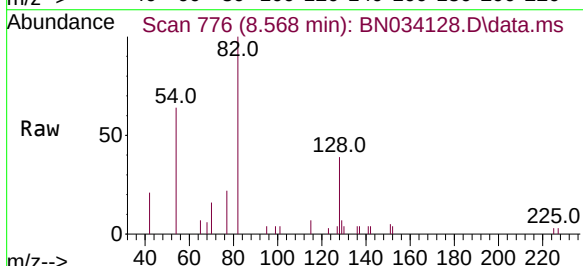
Tgt Ion: 82 Resp: 3500

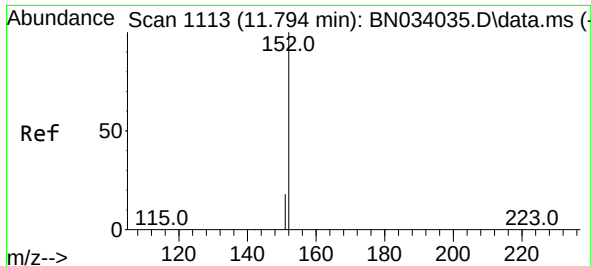
Ion Ratio Lower Upper

82 100

128 39.0 31.4 47.2

54 64.2 47.4 71.0

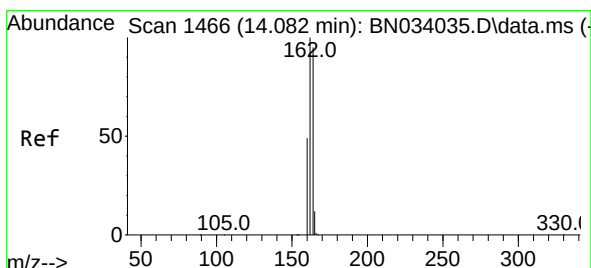
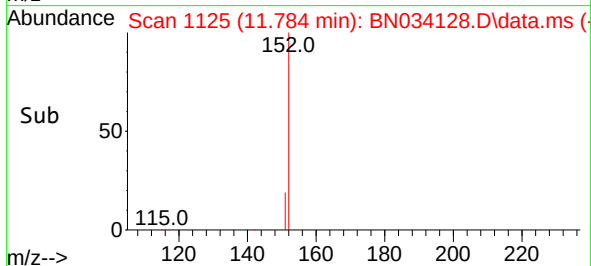
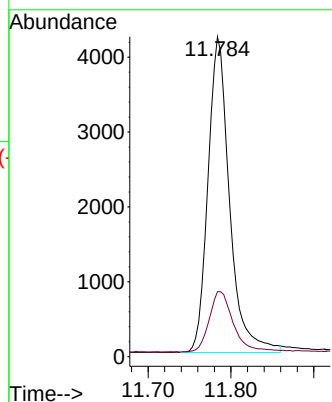
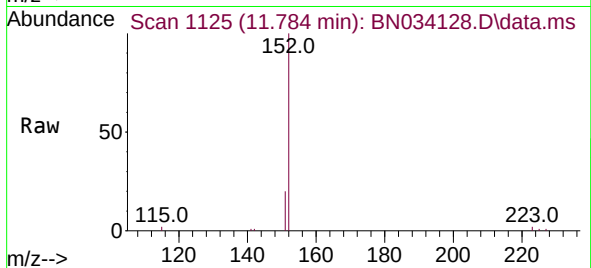




#11
2-Methylnaphthalene-d10
Concen: 0.328 ng
RT: 11.784 min Scan# 1113
Delta R.T. -0.010 min
Lab File: BN034128.D
Acq: 21 Sep 2024 17:15

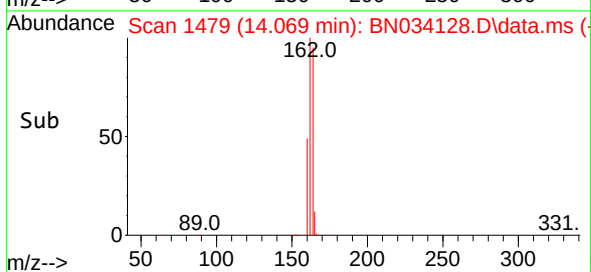
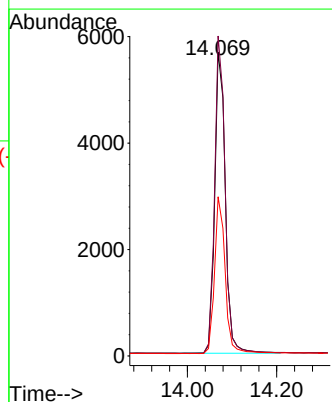
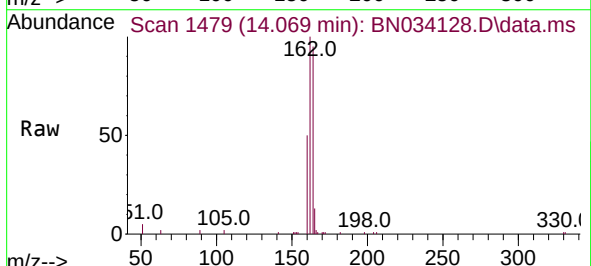
Instrument :
BNA_N
ClientSampleId :
RE131D3-20240917

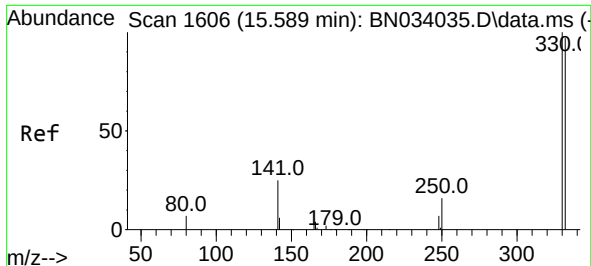
Tgt Ion:152 Resp: 7637
Ion Ratio Lower Upper
152 100
151 21.4 16.8 25.2



#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.069 min Scan# 1479
Delta R.T. -0.013 min
Lab File: BN034128.D
Acq: 21 Sep 2024 17:15

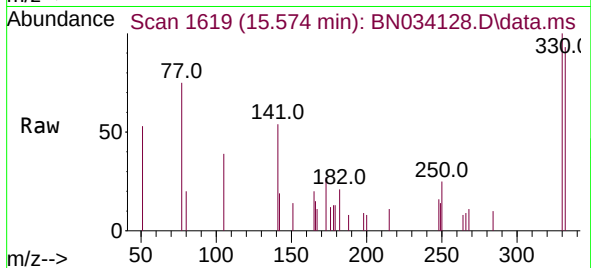
Tgt Ion:164 Resp: 9305
Ion Ratio Lower Upper
164 100
162 105.4 84.2 126.2
160 52.5 41.7 62.5



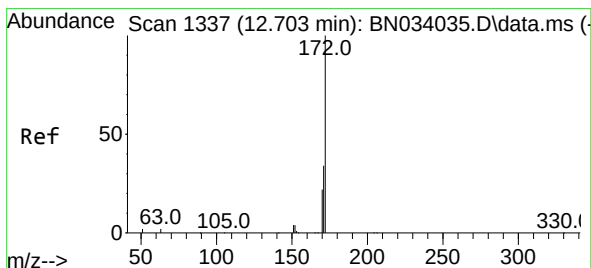
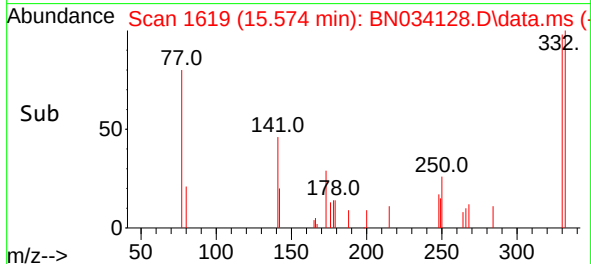
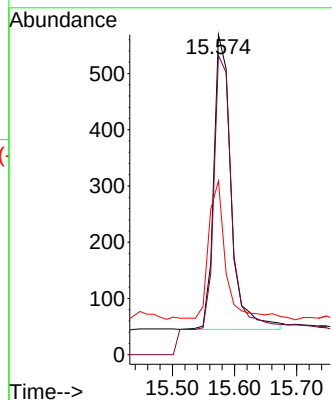


#14
2,4,6-Tribromophenol
Concen: 0.242 ng
RT: 15.574 min Scan# 1019
Delta R.T. -0.015 min
Lab File: BN034128.D
Acq: 21 Sep 2024 17:15

Instrument :
BNA_N
ClientSampleId :
RE131D3-20240917

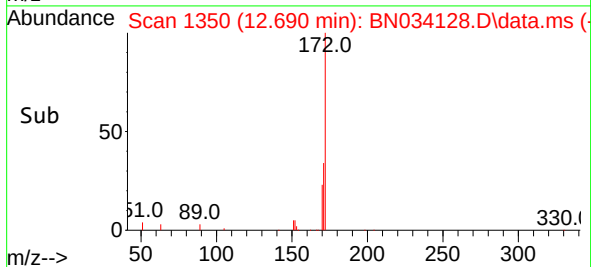
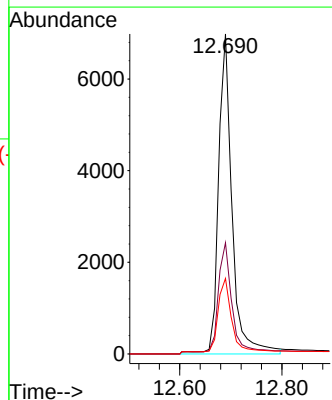
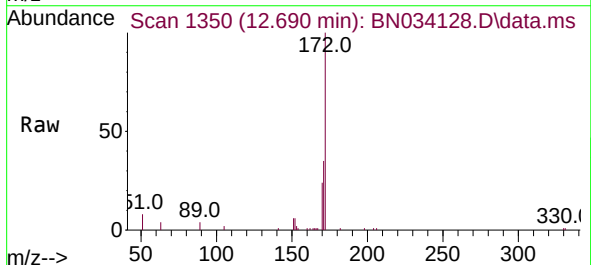


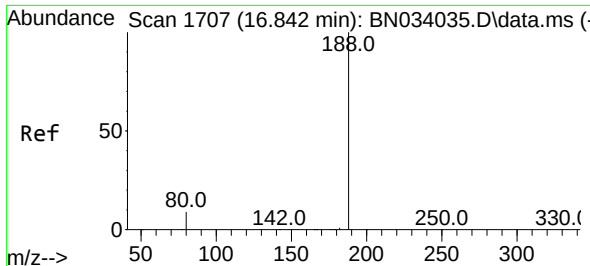
Tgt Ion:330 Resp: 1019
Ion Ratio Lower Upper
330 100
332 139.1 77.4 116.0#
141 44.6 35.9 53.9



#15
2-Fluorobiphenyl
Concen: 0.325 ng
RT: 12.690 min Scan# 1350
Delta R.T. -0.013 min
Lab File: BN034128.D
Acq: 21 Sep 2024 17:15

Tgt Ion:172 Resp: 12307
Ion Ratio Lower Upper
172 100
171 34.8 27.3 40.9
170 23.6 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: BN034128.D

Acq: 21 Sep 2024 17:15

Instrument :

BNA_N

ClientSampleId :

RE131D3-20240917

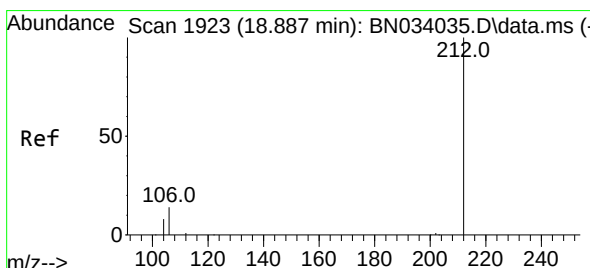
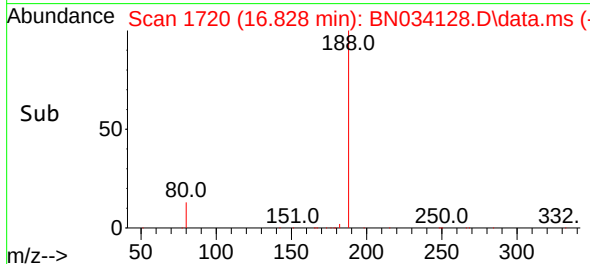
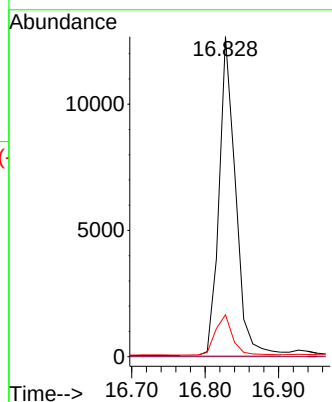
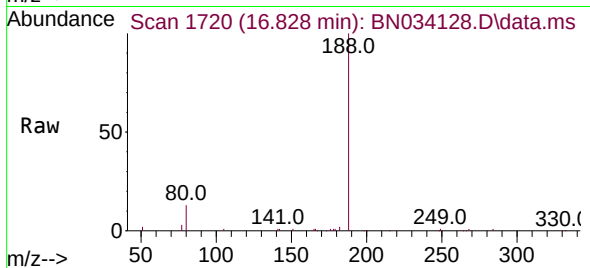
Tgt Ion:188 Resp: 19685

Ion Ratio Lower Upper

188 100

94 0.0 0.0 0.0

80 13.1 7.4 11.0#



#27

Fluoranthene-d10

Concen: 0.386 ng

RT: 18.873 min Scan# 1933

Delta R.T. -0.013 min

Lab File: BN034128.D

Acq: 21 Sep 2024 17:15

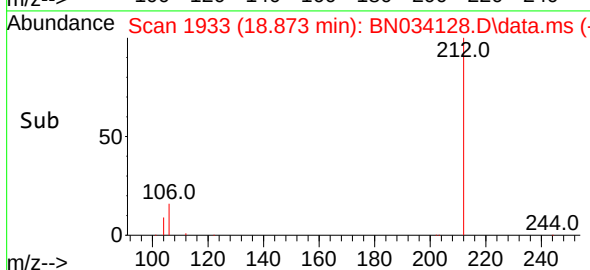
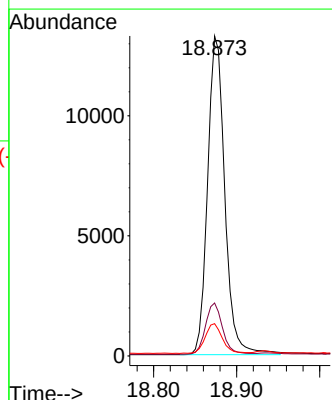
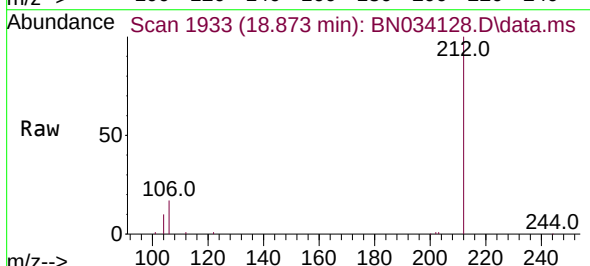
Tgt Ion:212 Resp: 19166

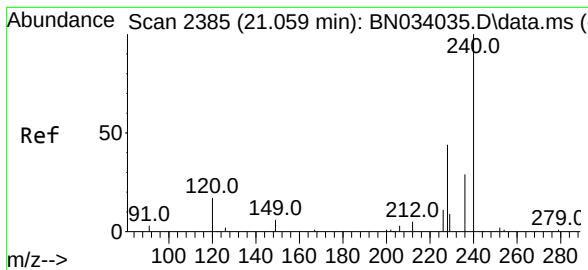
Ion Ratio Lower Upper

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: BN034128.D

Acq: 21 Sep 2024 17:15

Instrument :

BNA_N

ClientSampleId :

RE131D3-20240917

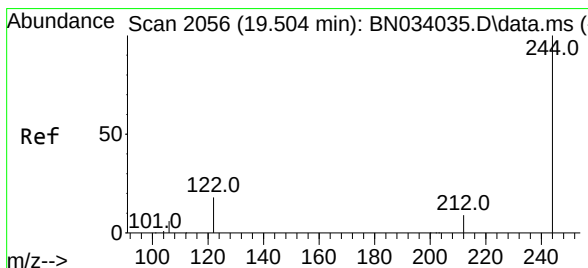
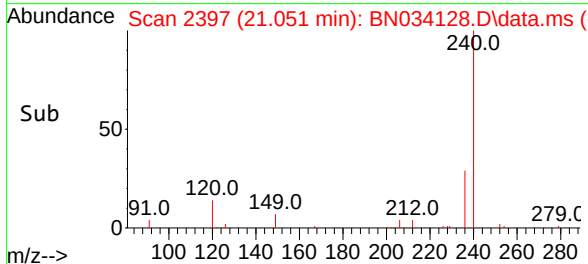
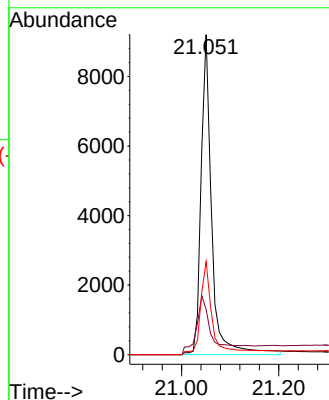
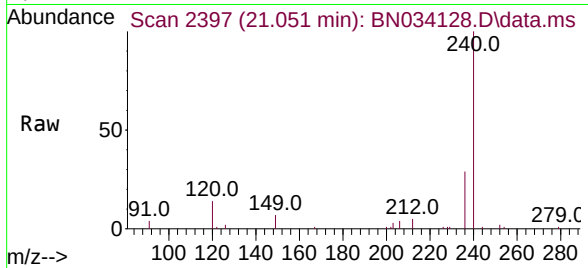
Tgt Ion:240 Resp: 13373

Ion Ratio Lower Upper

240 100

120 14.2 13.5 20.3

236 29.1 23.4 35.0



#31

Terphenyl-d14

Concen: 0.461 ng

RT: 19.491 min Scan# 2066

Delta R.T. -0.013 min

Lab File: BN034128.D

Acq: 21 Sep 2024 17:15

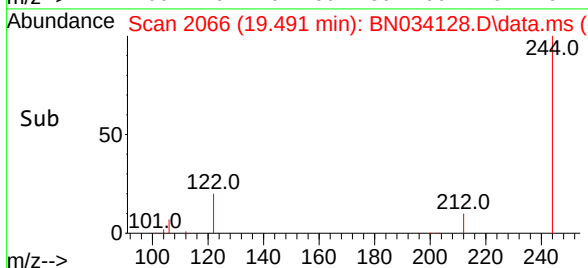
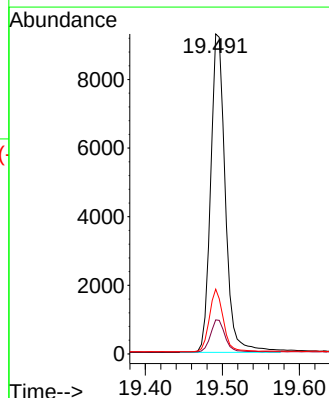
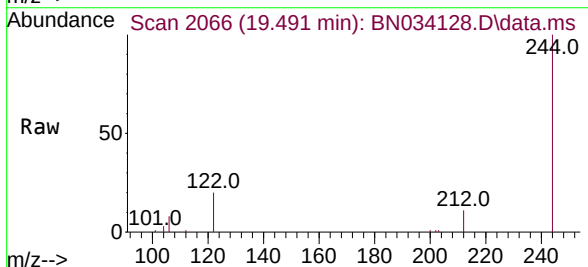
Tgt Ion:244 Resp: 12302

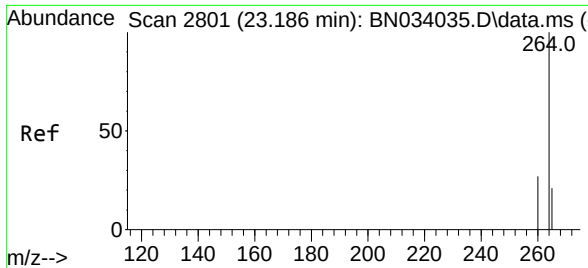
Ion Ratio Lower Upper

244 100

212 10.6 7.8 11.6

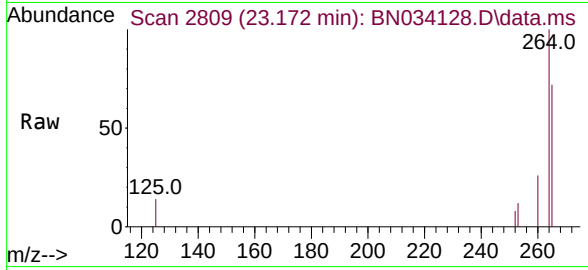
122 20.2 14.8 22.2





#35
Perylene-d12
Concen: 0.400 ng
RT: 23.172 min Scan# 21
Delta R.T. -0.014 min
Lab File: BN034128.D
Acq: 21 Sep 2024 17:15

Instrument :
BNA_N
ClientSampleId :
RE131D3-20240917



Tgt Ion:264 Resp: 10693
Ion Ratio Lower Upper
264 100
260 26.5 21.7 32.5
265 71.7 52.1 78.1

