

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN092124\
 Data File : BN034124.D
 Acq On : 21 Sep 2024 14:50
 Operator : JU/RC
 Sample : P4116-14
 Misc :
 ALS Vial : 88 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 RE125D2-20240917

Quant Time: Sep 22 23:59:07 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)

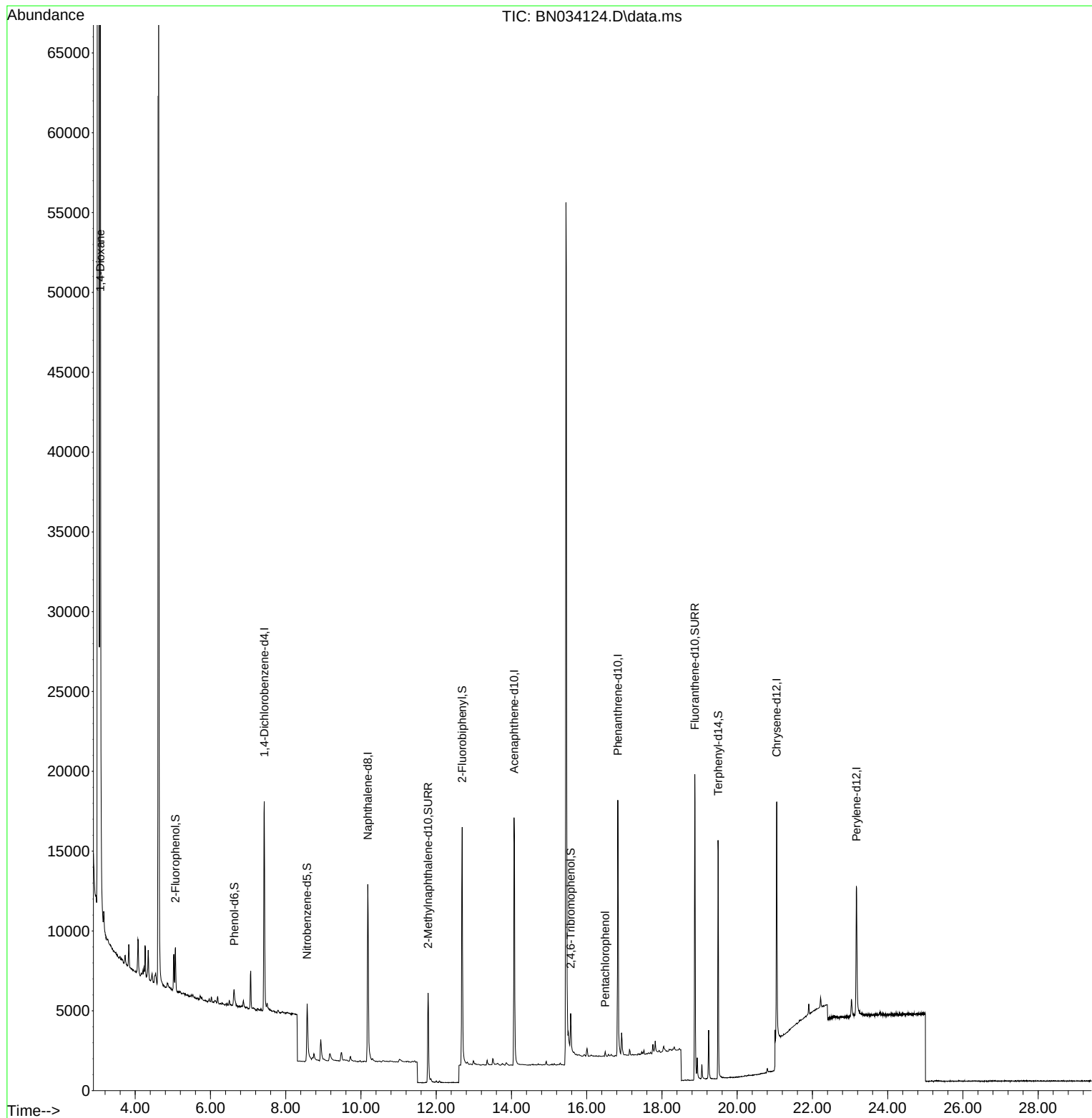
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.431	152	5734	0.400	ng	0.00
7) Naphthalene-d8	10.180	136	16017	0.400	ng	#-0.02
13) Acenaphthene-d10	14.069	164	9577	0.400	ng	-0.01
19) Phenanthrene-d10	16.828	188	20833	0.400	ng	#-0.01
29) Chrysene-d12	21.051	240	14263	0.400	ng	0.00
35) Perylene-d12	23.169	264	11106	0.400	ng	-0.02
System Monitoring Compounds						
4) 2-Fluorophenol	5.069	112	2092	0.129	ng	0.00
5) Phenol-d6	6.629	99	1186	0.063	ng	0.00
8) Nitrobenzene-d5	8.568	82	3859	0.315	ng	0.00
11) 2-Methylnaphthalene-d10	11.784	152	8495	0.359	ng	0.00
14) 2,4,6-Tribromophenol	15.574	330	1164	0.268	ng	-0.01
15) 2-Fluorobiphenyl	12.690	172	14254	0.366	ng	-0.01
27) Fluoranthene-d10	18.874	212	21079	0.401	ng	-0.01
31) Terphenyl-d14	19.491	244	13907	0.488	ng	-0.01
Target Compounds						Qvalue
2) 1,4-Dioxane	3.068	88	63015	8.790	ng	# 88
24) Pentachlorophenol	16.493	266	172	0.040	ng	96

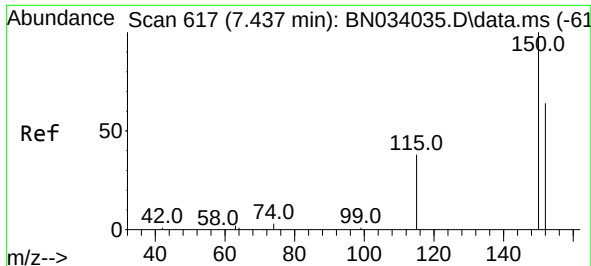
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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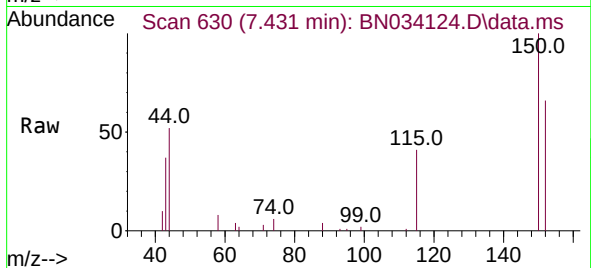
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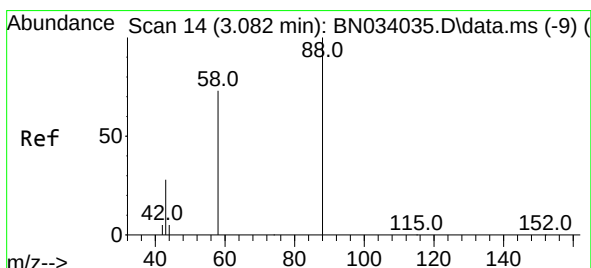
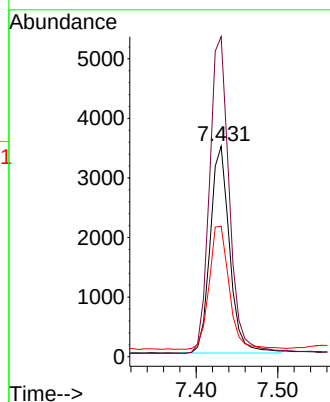
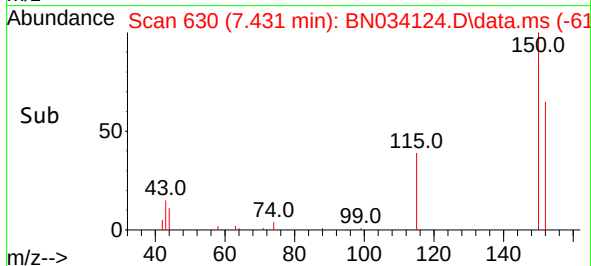


#1
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.431 min Scan# 61
Delta R.T. -0.006 min
Lab File: BN034124.D
Acq: 21 Sep 2024 14:50

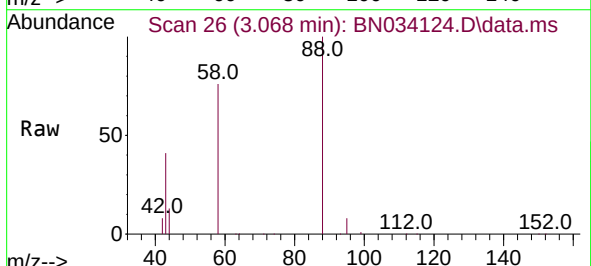
Instrument :
BNA_N
ClientSampleId :
RE125D2-20240917



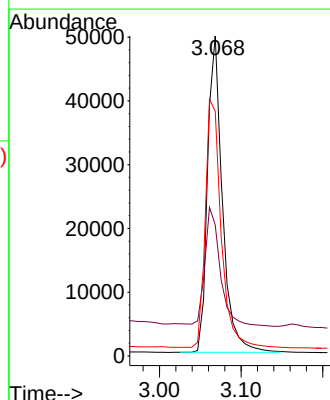
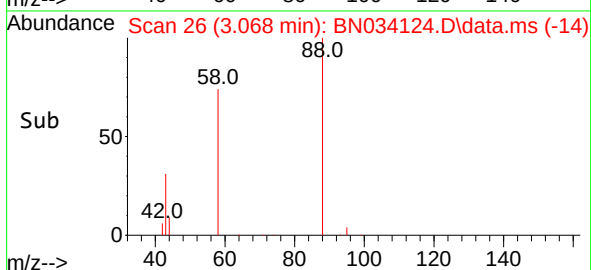
Tgt Ion:152 Resp: 5734
Ion Ratio Lower Upper
152 100
150 152.1 124.6 187.0
115 62.1 50.0 75.0

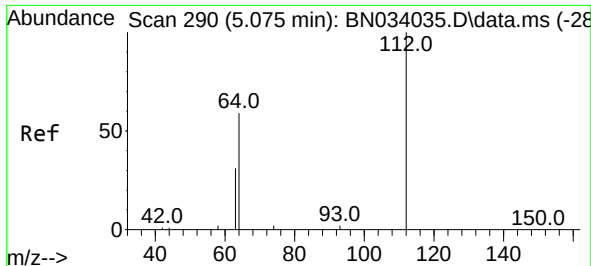


#2
1,4-Dioxane
Concen: 8.790 ng
RT: 3.068 min Scan# 26
Delta R.T. -0.013 min
Lab File: BN034124.D
Acq: 21 Sep 2024 14:50



Tgt Ion: 88 Resp: 63015
Ion Ratio Lower Upper
88 100
43 39.1 25.8 38.8#
58 83.0 58.8 88.2

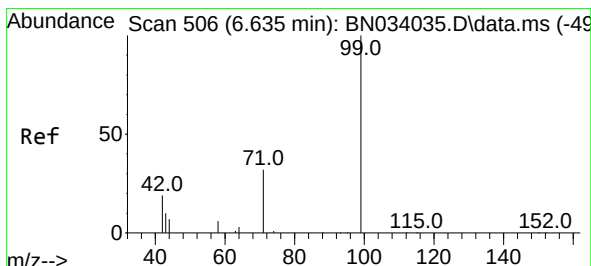
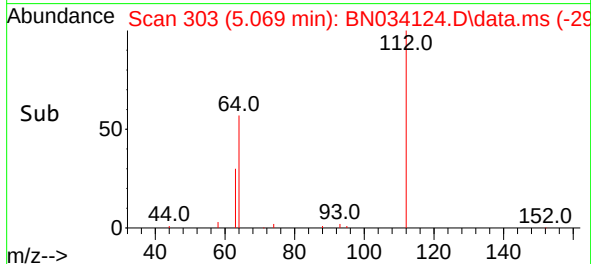
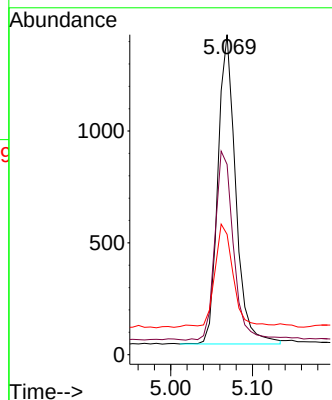
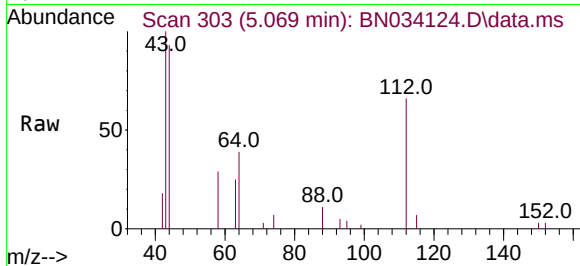




#4
2-Fluorophenol
Concen: 0.129 ng
RT: 5.069 min Scan# 30
Delta R.T. -0.006 min
Lab File: BN034124.D
Acq: 21 Sep 2024 14:50

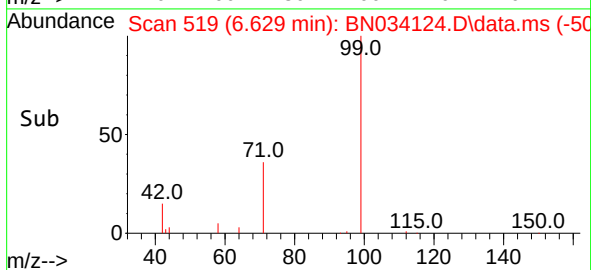
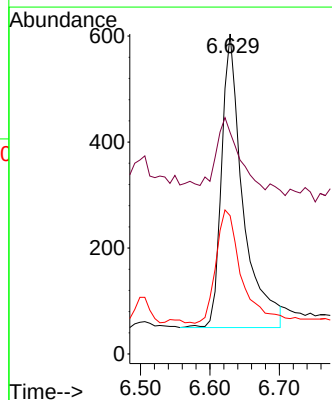
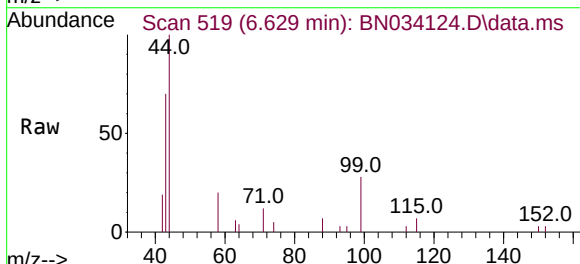
Instrument :
BNA_N
ClientSampleId :
RE125D2-20240917

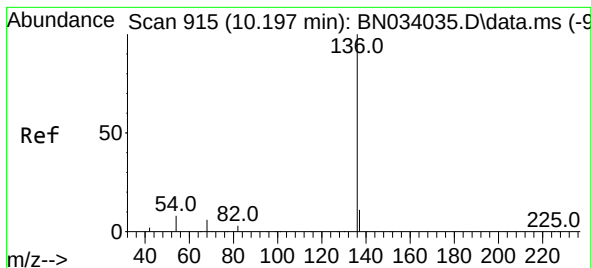
Tgt Ion:112 Resp: 2092
Ion Ratio Lower Upper
112 100
64 63.4 48.6 72.8
63 36.0 25.6 38.4



#5
Phenol-d6
Concen: 0.063 ng
RT: 6.629 min Scan# 519
Delta R.T. -0.006 min
Lab File: BN034124.D
Acq: 21 Sep 2024 14:50

Tgt Ion: 99 Resp: 1186
Ion Ratio Lower Upper
99 100
42 25.3 17.8 26.8
71 45.8 26.2 39.2#





#7

Naphthalene-d8

Concen: 0.400 ng

RT: 10.180 min Scan# 91

Delta R.T. -0.017 min

Lab File: BN034124.D

Acq: 21 Sep 2024 14:50

Instrument :

BNA_N

ClientSampleId :

RE125D2-20240917

Tgt Ion:136 Resp: 16017

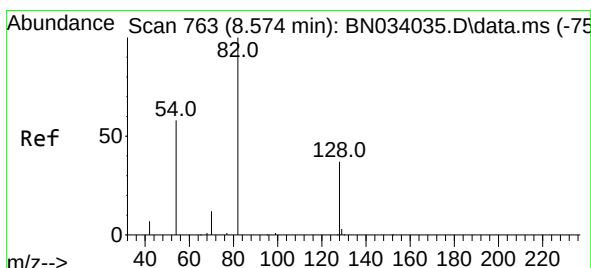
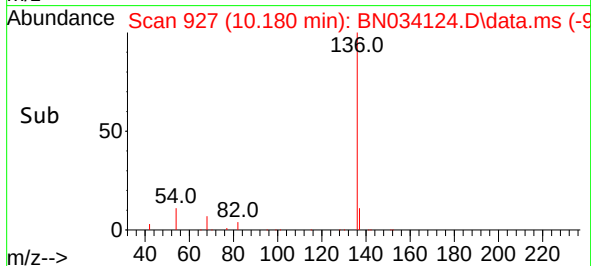
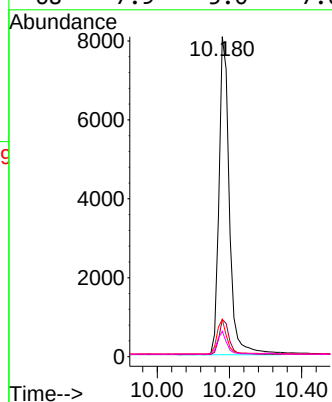
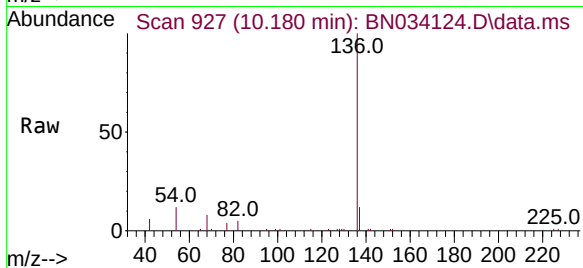
Ion Ratio Lower Upper

136 100

137 11.6 9.0 13.6

54 11.7 6.8 10.2#

68 7.9 5.0 7.6#



#8

Nitrobenzene-d5

Concen: 0.315 ng

RT: 8.568 min Scan# 776

Delta R.T. -0.006 min

Lab File: BN034124.D

Acq: 21 Sep 2024 14:50

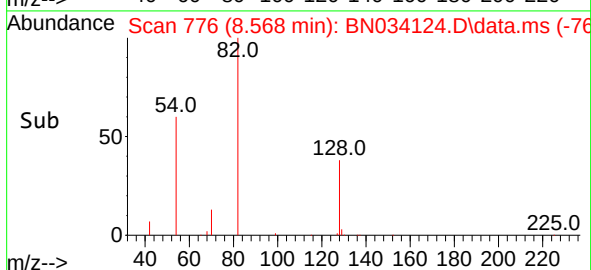
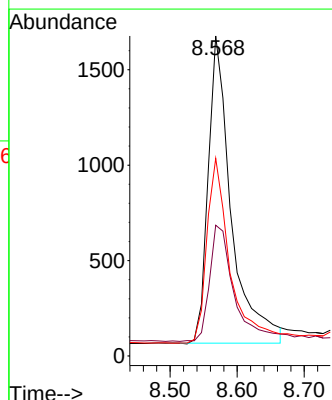
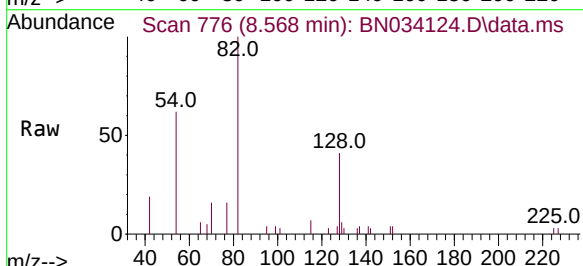
Tgt Ion: 82 Resp: 3859

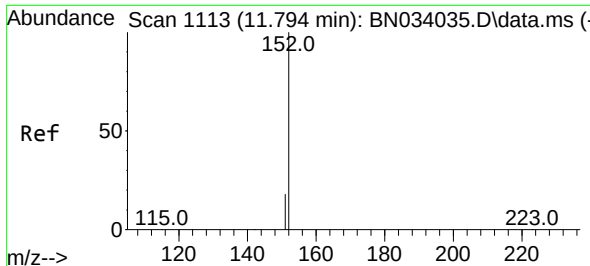
Ion Ratio Lower Upper

82 100

128 40.8 31.4 47.2

54 61.8 47.4 71.0

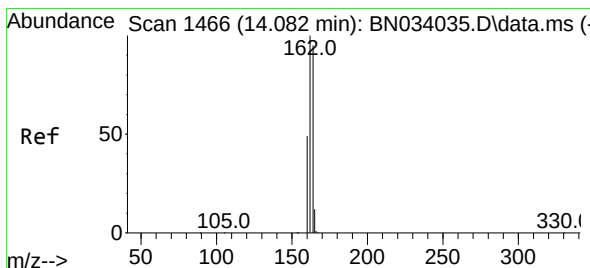
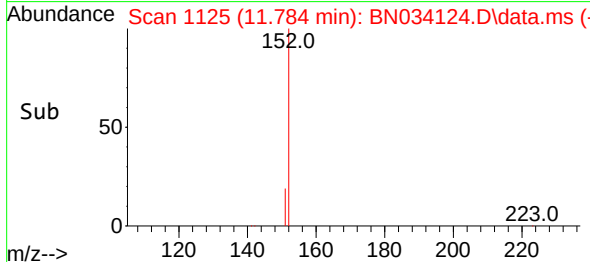
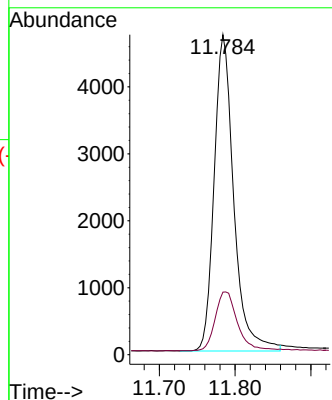
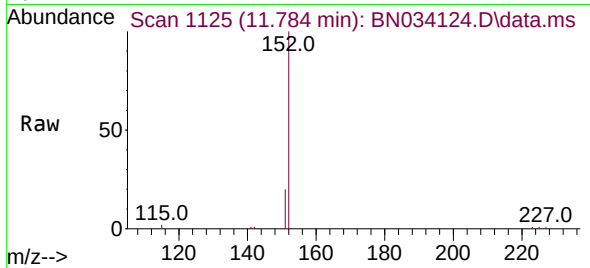




#11
2-Methylnaphthalene-d10
Concen: 0.359 ng
RT: 11.784 min Scan# 1113
Delta R.T. -0.010 min
Lab File: BN034124.D
Acq: 21 Sep 2024 14:50

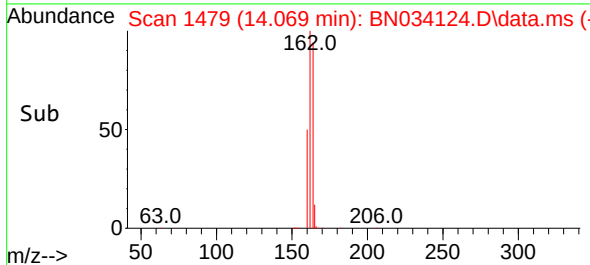
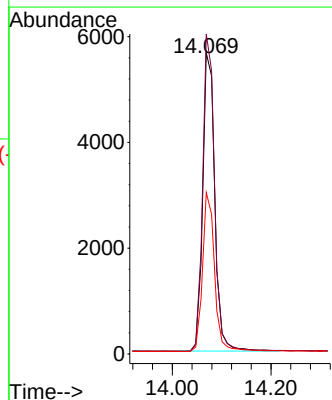
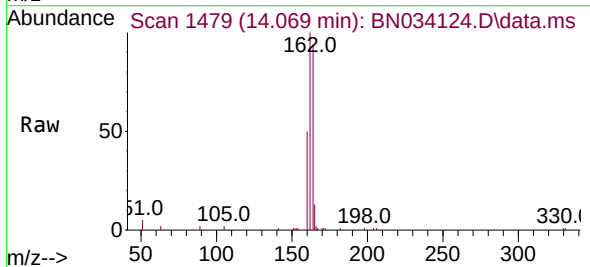
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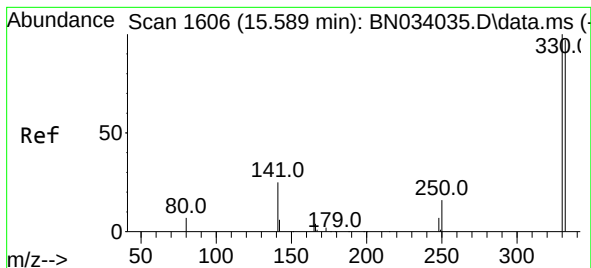
Tgt Ion:152 Resp: 8495
Ion Ratio Lower Upper
152 100
151 21.0 16.8 25.2



#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.069 min Scan# 1479
Delta R.T. -0.013 min
Lab File: BN034124.D
Acq: 21 Sep 2024 14:50

Tgt Ion:164 Resp: 9577
Ion Ratio Lower Upper
164 100
162 106.3 84.2 126.2
160 53.6 41.7 62.5

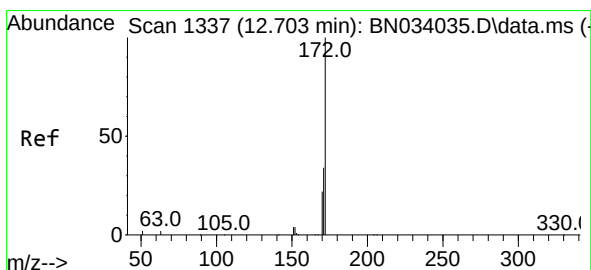
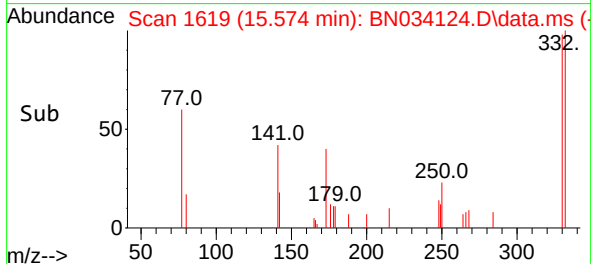
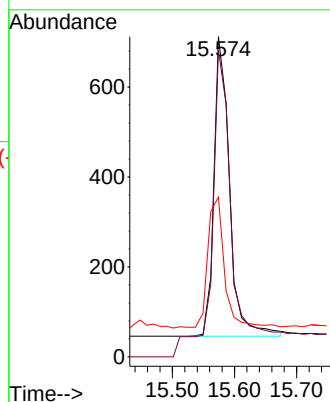
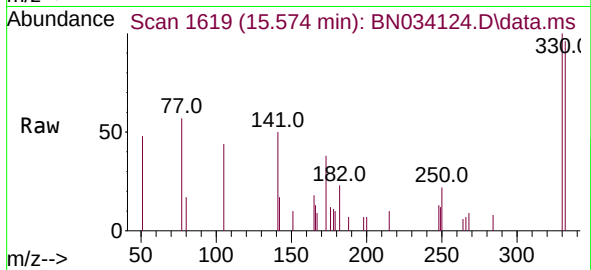




#14
2,4,6-Tribromophenol
Concen: 0.268 ng
RT: 15.574 min Scan# 1
Delta R.T. -0.015 min
Lab File: BN034124.D
Acq: 21 Sep 2024 14:50

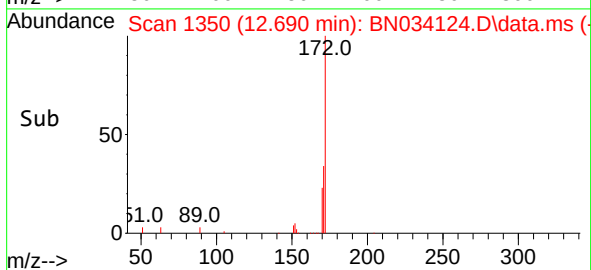
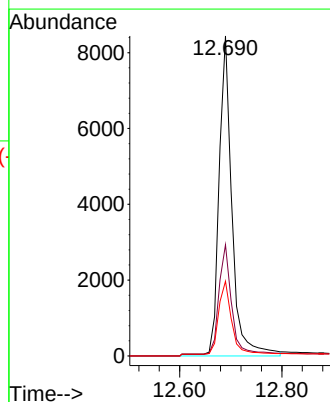
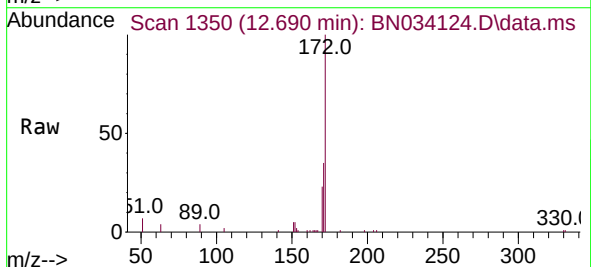
Instrument :
BNA_N
ClientSampleId :
RE125D2-20240917

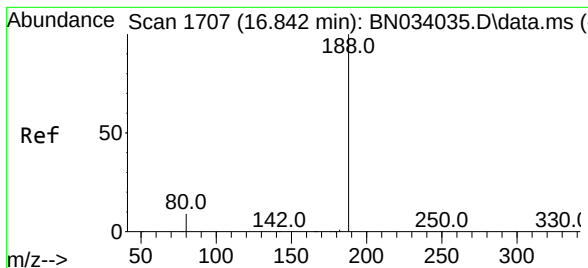
Tgt Ion:330 Resp: 1164
Ion Ratio Lower Upper
330 100
332 132.1 77.4 116.0#
141 47.0 35.9 53.9



#15
2-Fluorobiphenyl
Concen: 0.366 ng
RT: 12.690 min Scan# 1350
Delta R.T. -0.013 min
Lab File: BN034124.D
Acq: 21 Sep 2024 14:50

Tgt Ion:172 Resp: 14254
Ion Ratio Lower Upper
172 100
171 34.8 27.3 40.9
170 23.4 18.1 27.1





#19

Phenanthrene-d10

Concen: 0.400 ng

RT: 16.828 min Scan# 1

Delta R.T. -0.015 min

Lab File: BN034124.D

Acq: 21 Sep 2024 14:50

Instrument :

BNA_N

ClientSampleId :

RE125D2-20240917

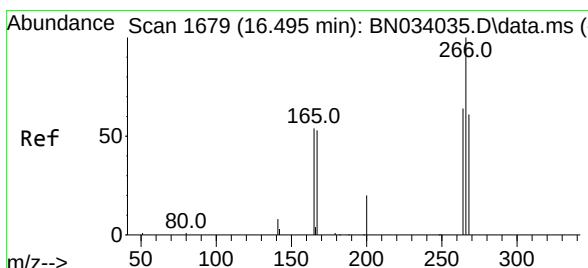
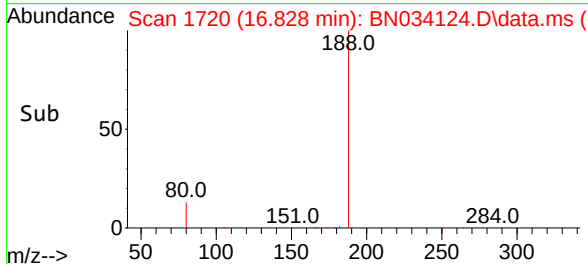
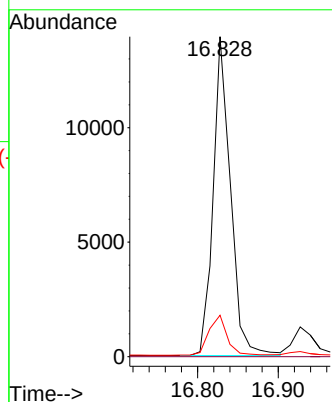
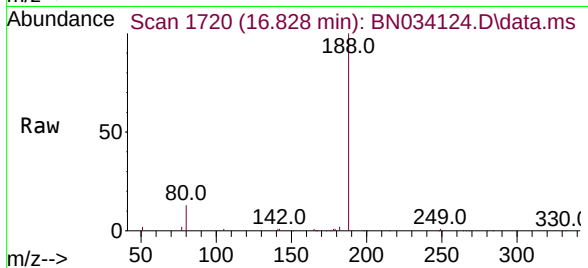
Tgt Ion:188 Resp: 20833

Ion Ratio Lower Upper

188 100

94 0.0 0.0 0.0

80 13.0 7.4 11.0#



#24

Pentachlorophenol

Concen: 0.040 ng

RT: 16.493 min Scan# 1693

Delta R.T. -0.002 min

Lab File: BN034124.D

Acq: 21 Sep 2024 14:50

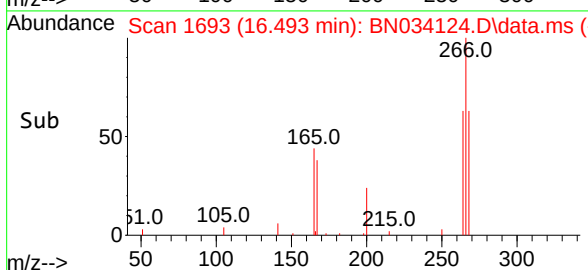
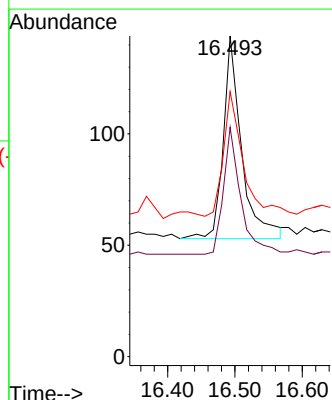
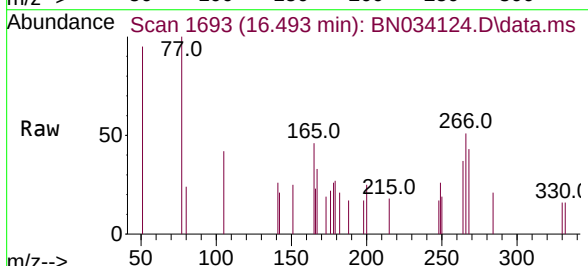
Tgt Ion:266 Resp: 172

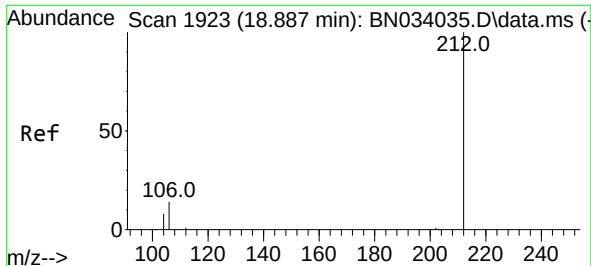
Ion Ratio Lower Upper

266 100

264 58.7 50.2 75.2

268 66.3 51.0 76.4

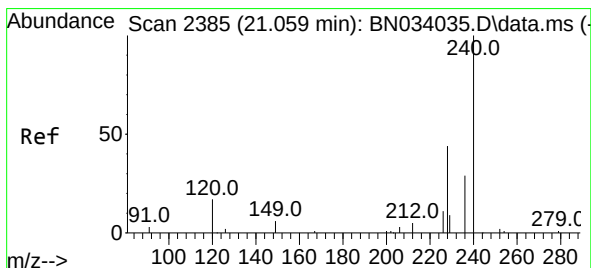
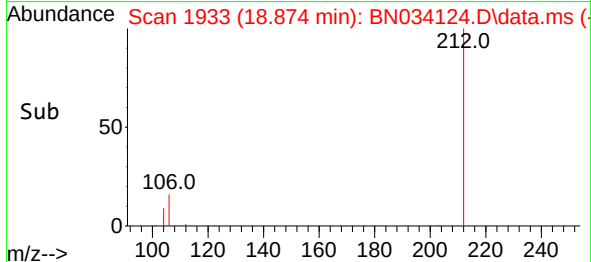
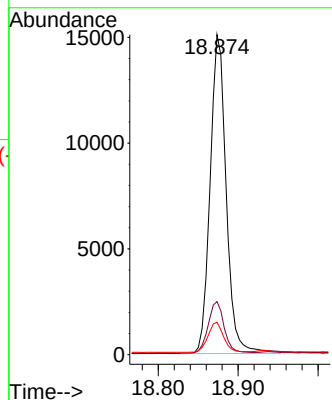
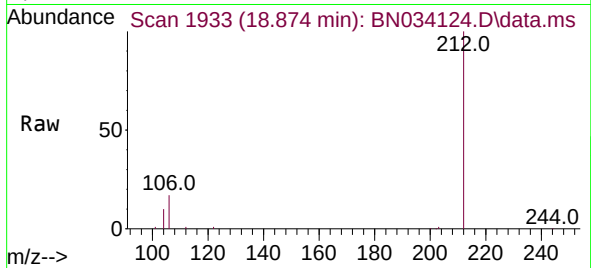




#27
Fluoranthene-d10
Concen: 0.401 ng
RT: 18.874 min Scan# 1923
Delta R.T. -0.013 min
Lab File: BN034124.D
Acq: 21 Sep 2024 14:50

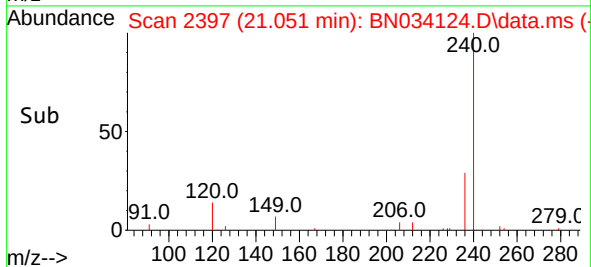
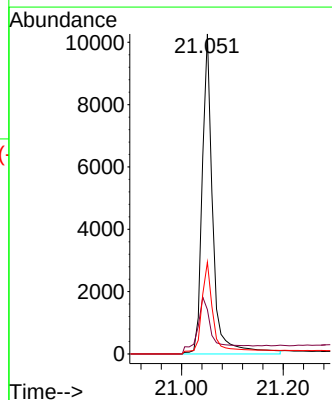
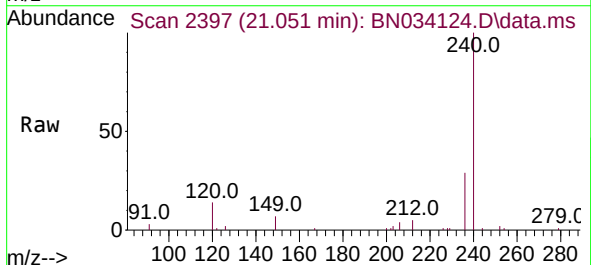
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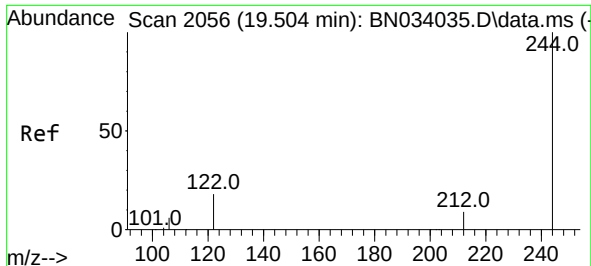
Tgt Ion	Ratio	Lower	Upper
212	100		
106	16.1	13.4	20.2
104	9.2	7.8	11.6



#29
Chrysene-d12
Concen: 0.400 ng
RT: 21.051 min Scan# 2397
Delta R.T. -0.008 min
Lab File: BN034124.D
Acq: 21 Sep 2024 14:50

Tgt Ion	Ratio	Lower	Upper
240	100		
120	13.9	13.5	20.3
236	28.7	23.4	35.0

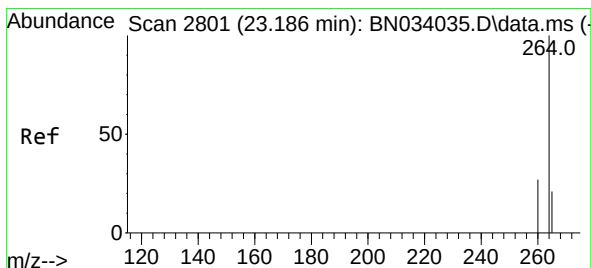
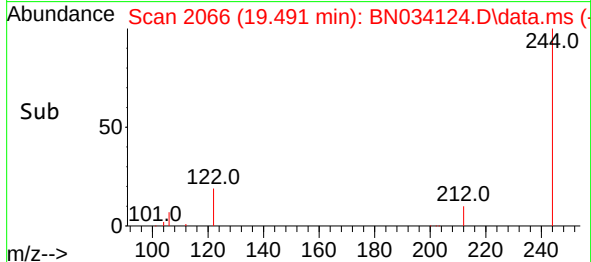
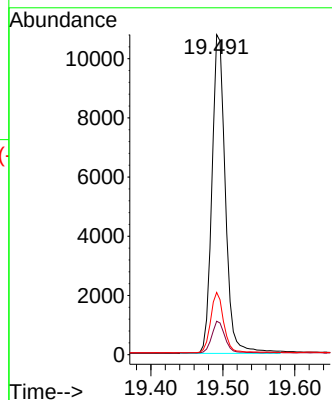
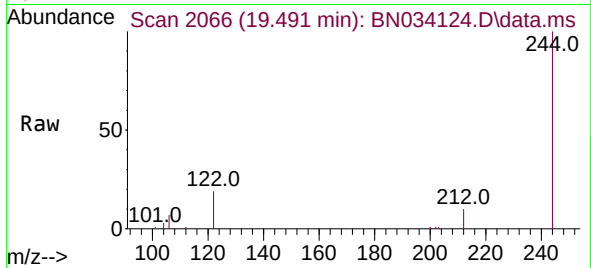




#31
 Terphenyl-d14
 Concen: 0.488 ng
 RT: 19.491 min Scan# 2056
 Delta R.T. -0.013 min
 Lab File: BN034124.D
 Acq: 21 Sep 2024 14:50

Instrument :
 BNA_N
 ClientSampleId :
 RE125D2-20240917

Tgt Ion:244 Resp: 13907
 Ion Ratio Lower Upper
 244 100
 212 10.4 7.8 11.6
 122 19.4 14.8 22.2



#35
 Perylene-d12
 Concen: 0.400 ng
 RT: 23.169 min Scan# 2810
 Delta R.T. -0.017 min
 Lab File: BN034124.D
 Acq: 21 Sep 2024 14:50

Tgt Ion:264 Resp: 11106
 Ion Ratio Lower Upper
 264 100
 260 26.7 21.7 32.5
 265 70.4 52.1 78.1

