

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN092124\
 Data File : BN034115.D
 Acq On : 21 Sep 2024 08:42
 Operator : JU/RC
 Sample : P4116-10
 Misc :
 ALS Vial : 78 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 TT15811-20240916

Quant Time: Sep 22 23:57:02 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)

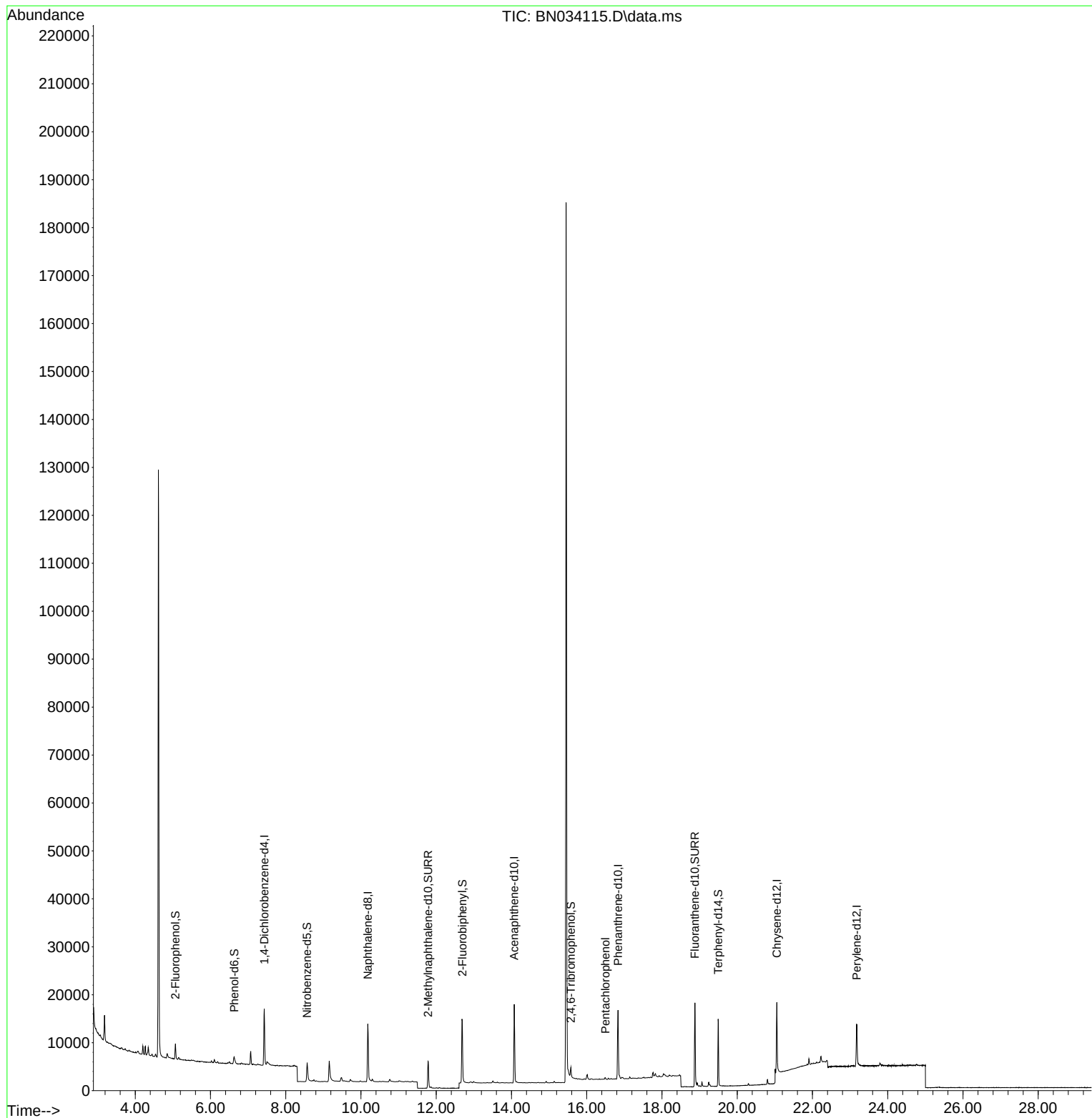
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.430	152	5821	0.400	ng	0.00
7) Naphthalene-d8	10.180	136	16502	0.400	ng	#-0.02
13) Acenaphthene-d10	14.072	164	9264	0.400	ng	0.00
19) Phenanthrene-d10	16.833	188	19844	0.400	ng	0.00
29) Chrysene-d12	21.053	240	14332	0.400	ng	0.00
35) Perylene-d12	23.174	264	11775	0.400	ng	-0.01
System Monitoring Compounds						
4) 2-Fluorophenol	5.069	112	2379	0.144	ng	0.00
5) Phenol-d6	6.629	99	1496	0.078	ng	0.00
8) Nitrobenzene-d5	8.568	82	3988	0.316	ng	0.00
11) 2-Methylnaphthalene-d10	11.784	152	8295	0.340	ng	0.00
14) 2,4,6-Tribromophenol	15.579	330	1218	0.290	ng	0.00
15) 2-Fluorobiphenyl	12.693	172	13390	0.355	ng	0.00
27) Fluoranthene-d10	18.876	212	19747	0.394	ng	-0.01
31) Terphenyl-d14	19.494	244	13182	0.461	ng	-0.01
Target Compounds						Qvalue
24) Pentachlorophenol	16.498	266	233	0.056	ng	94

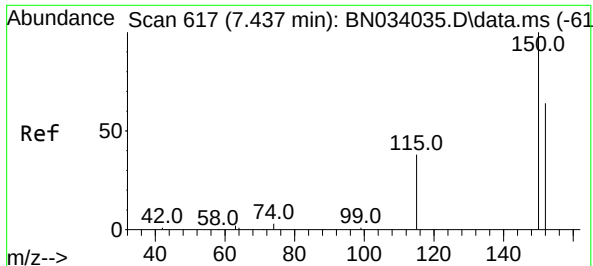
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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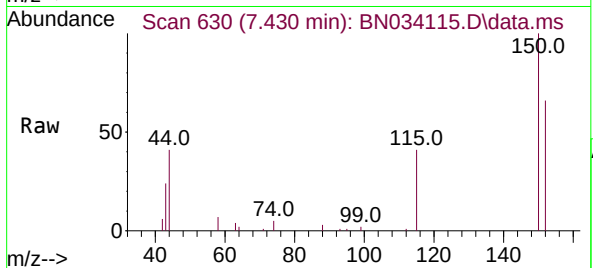
Quant Time: Sep 22 23:57:02 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN091924.M
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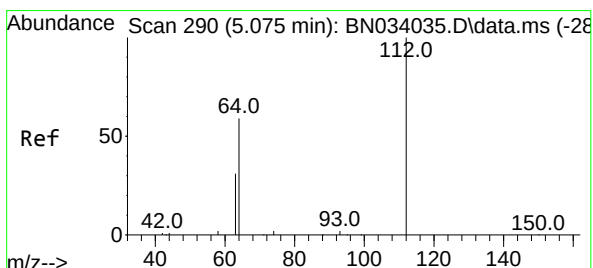
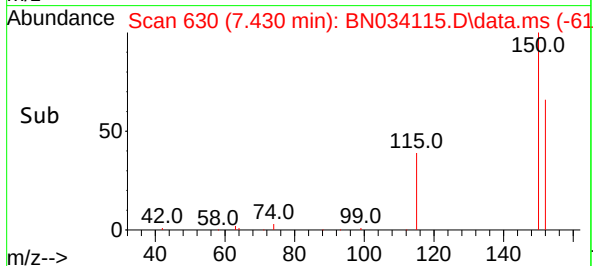
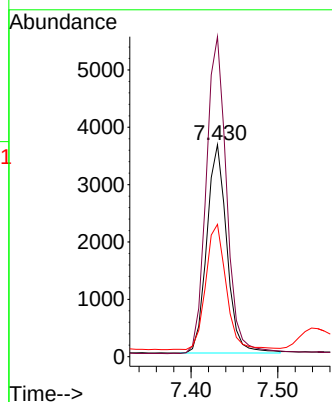


#1
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.430 min Scan# 61
Delta R.T. -0.007 min
Lab File: BN034115.D
Acq: 21 Sep 2024 08:42

Instrument :
BNA_N
ClientSampleId :
TT15811-20240916

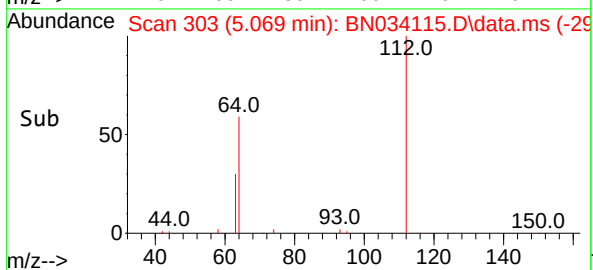
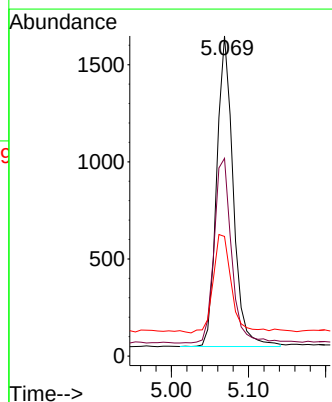
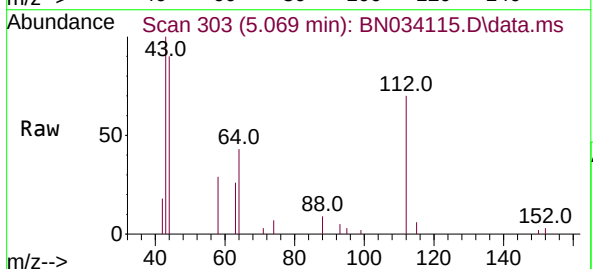


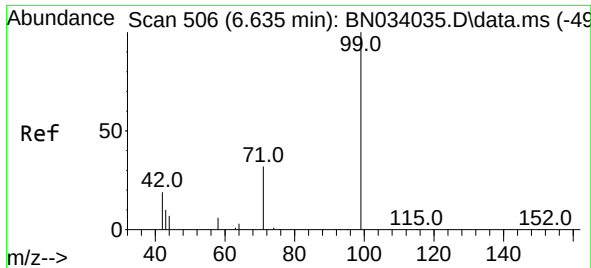
Tgt Ion:152 Resp: 5821
Ion Ratio Lower Upper
152 100
150 151.0 124.6 187.0
115 62.4 50.0 75.0



#4
2-Fluorophenol
Concen: 0.144 ng
RT: 5.069 min Scan# 303
Delta R.T. -0.006 min
Lab File: BN034115.D
Acq: 21 Sep 2024 08:42

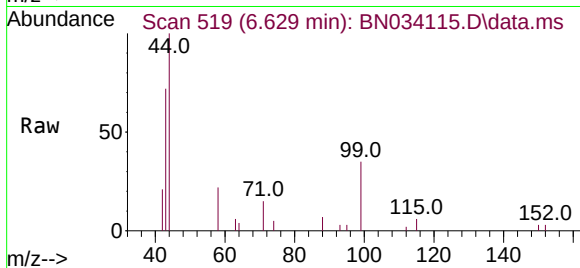
Tgt Ion:112 Resp: 2379
Ion Ratio Lower Upper
112 100
64 62.8 48.6 72.8
63 35.1 25.6 38.4



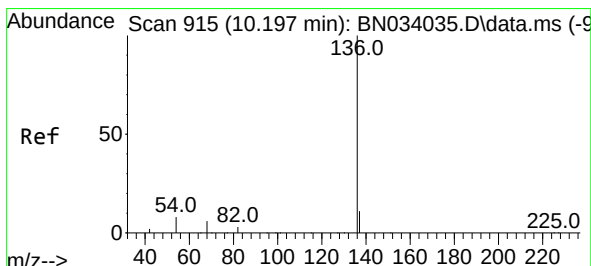
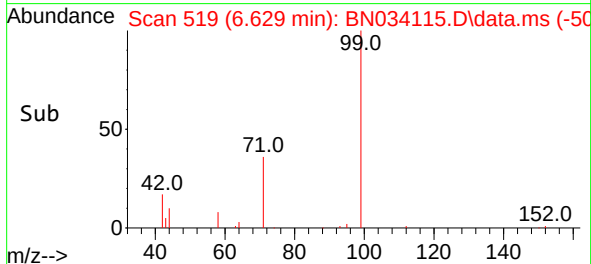
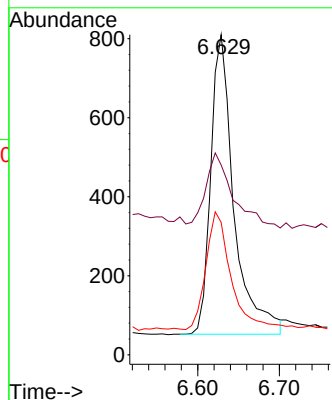


#5
Phenol-d6
Concen: 0.078 ng
RT: 6.629 min Scan# 519
Delta R.T. -0.006 min
Lab File: BN034115.D
Acq: 21 Sep 2024 08:42

Instrument :
BNA_N
ClientSampleId :
TT15811-20240916

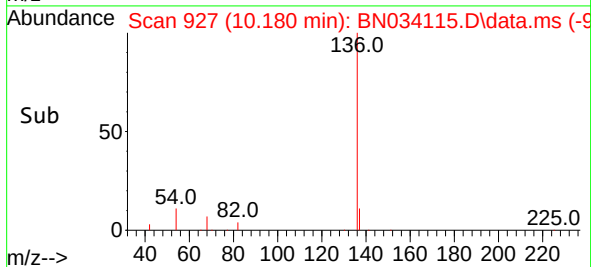
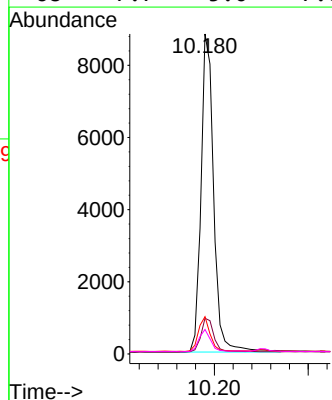
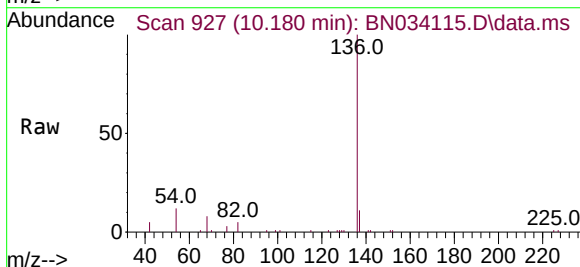


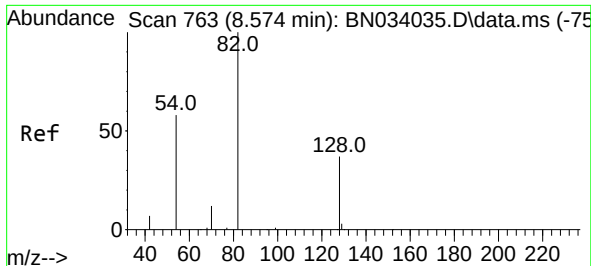
Tgt Ion: 99 Resp: 1496
Ion Ratio Lower Upper
99 100
42 29.7 17.8 26.8#
71 41.9 26.2 39.2#



#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.180 min Scan# 927
Delta R.T. -0.017 min
Lab File: BN034115.D
Acq: 21 Sep 2024 08:42

Tgt Ion: 136 Resp: 16502
Ion Ratio Lower Upper
136 100
137 11.2 9.0 13.6
54 11.6 6.8 10.2#
68 7.7 5.0 7.6#

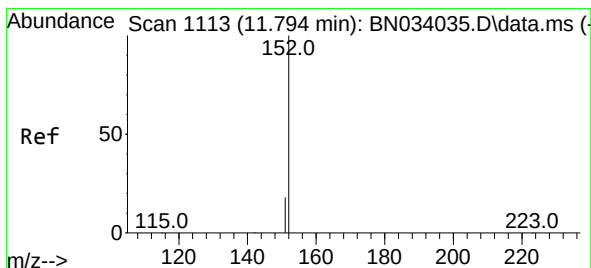
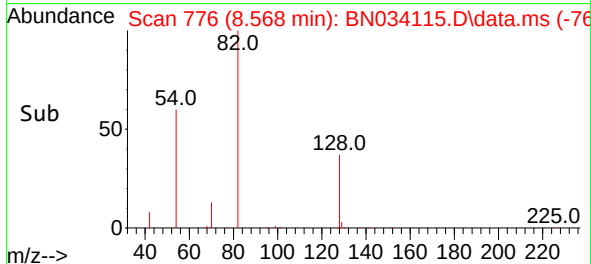
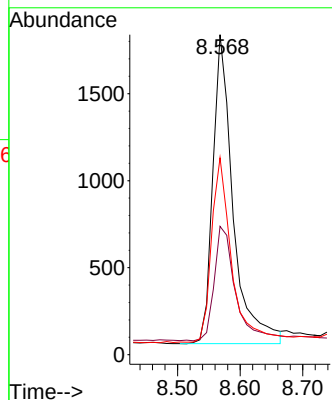
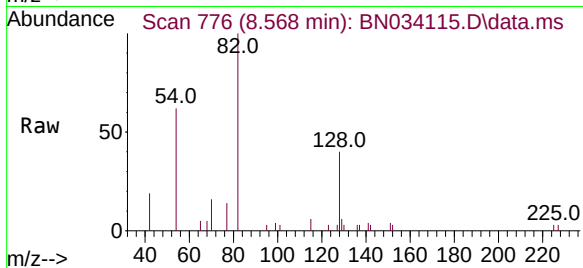




#8
Nitrobenzene-d5
Concen: 0.316 ng
RT: 8.568 min Scan# 71
Delta R.T. -0.006 min
Lab File: BN034115.D
Acq: 21 Sep 2024 08:42

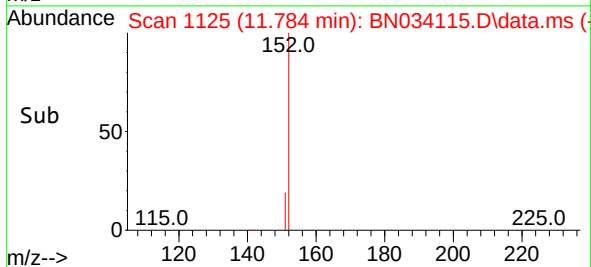
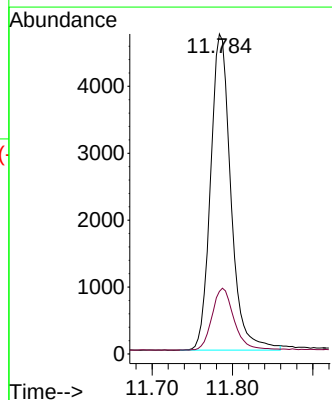
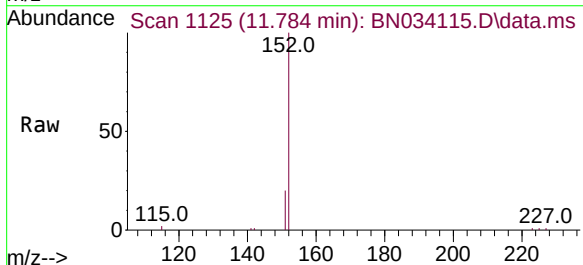
Instrument :
BNA_N
ClientSampleId :
TT15811-20240916

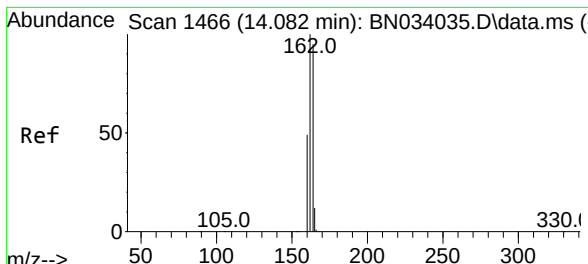
Tgt Ion: 82 Resp: 3988
Ion Ratio Lower Upper
82 100
128 40.1 31.4 47.2
54 61.6 47.4 71.0



#11
2-Methylnaphthalene-d10
Concen: 0.340 ng
RT: 11.784 min Scan# 1125
Delta R.T. -0.010 min
Lab File: BN034115.D
Acq: 21 Sep 2024 08:42

Tgt Ion:152 Resp: 8295
Ion Ratio Lower Upper
152 100
151 21.3 16.8 25.2

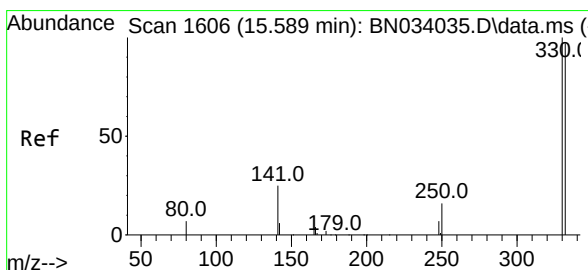
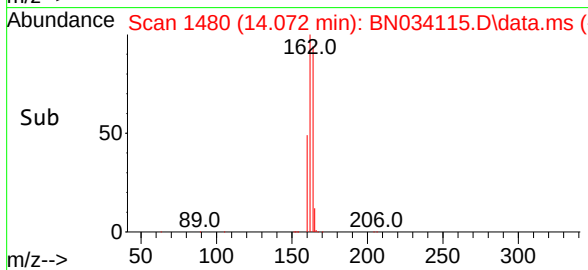
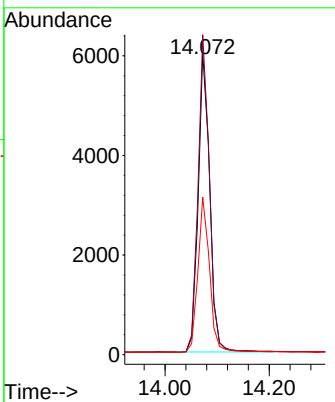
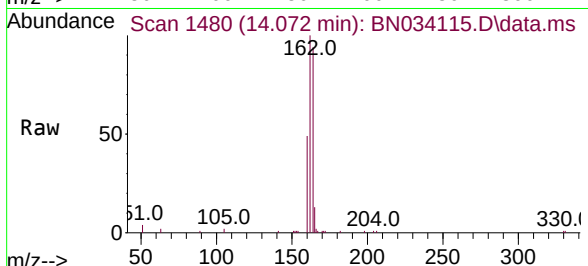




#13
 Acenaphthene-d10
 Concen: 0.400 ng
 RT: 14.072 min Scan# 14
 Delta R.T. -0.009 min
 Lab File: BN034115.D
 Acq: 21 Sep 2024 08:42

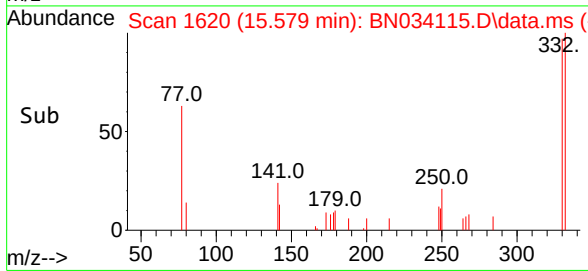
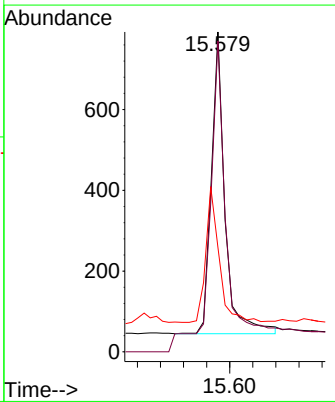
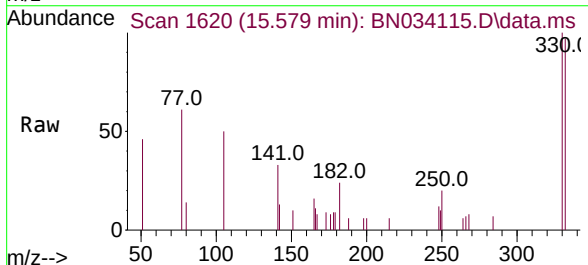
Instrument :
 BNA_N
 ClientSampleId :
 TT15811-20240916

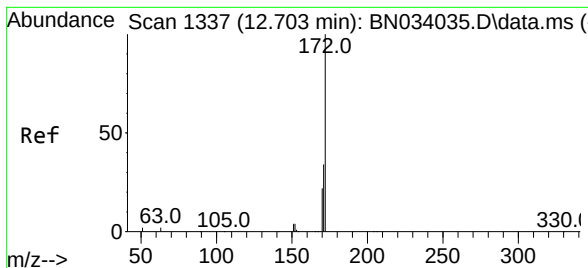
Tgt Ion:	164	Resp:	9264
Ion	Ratio	Lower	Upper
164	100		
162	106.0	84.2	126.2
160	52.2	41.7	62.5



#14
 2,4,6-Tribromophenol
 Concen: 0.290 ng
 RT: 15.579 min Scan# 1620
 Delta R.T. -0.009 min
 Lab File: BN034115.D
 Acq: 21 Sep 2024 08:42

Tgt Ion:	330	Resp:	1218
Ion	Ratio	Lower	Upper
330	100		
332	94.7	77.4	116.0
141	44.4	35.9	53.9





#15

2-Fluorobiphenyl

Concen: 0.355 ng

RT: 12.693 min Scan# 11

Delta R.T. -0.009 min

Lab File: BN034115.D

Acq: 21 Sep 2024 08:42

Instrument :

BNA_N

ClientSampleId :

TT15811-20240916

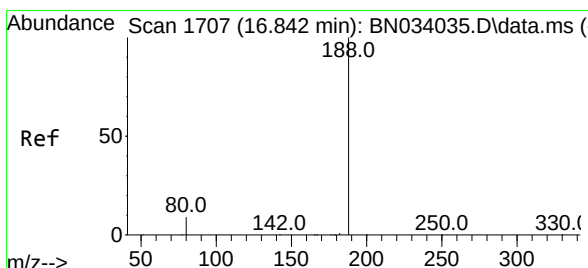
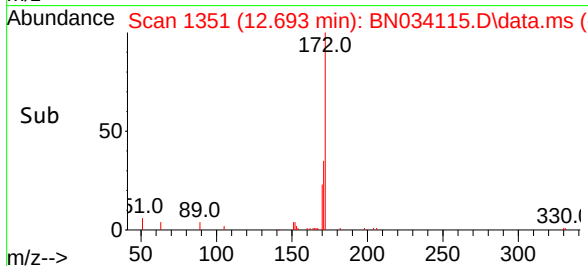
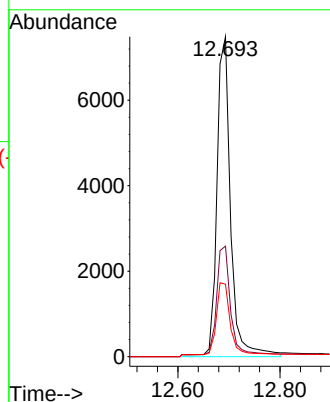
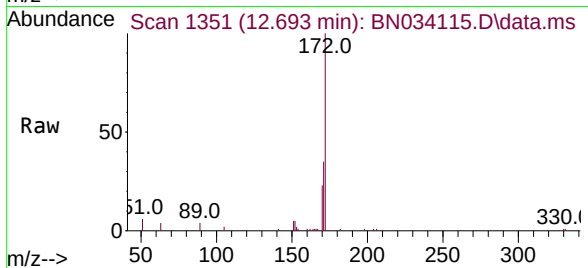
Tgt Ion:172 Resp: 13390

Ion Ratio Lower Upper

172 100

171 34.5 27.3 40.9

170 22.6 18.1 27.1



#19

Phenanthrene-d10

Concen: 0.400 ng

RT: 16.833 min Scan# 1721

Delta R.T. -0.009 min

Lab File: BN034115.D

Acq: 21 Sep 2024 08:42

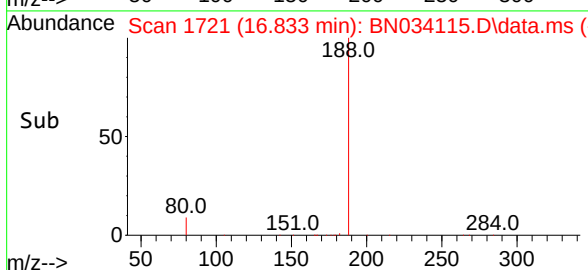
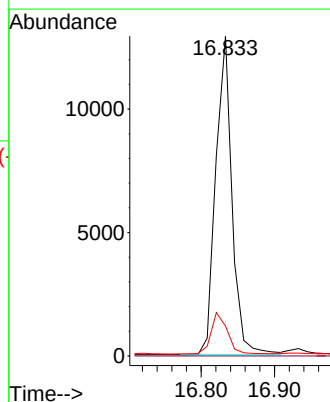
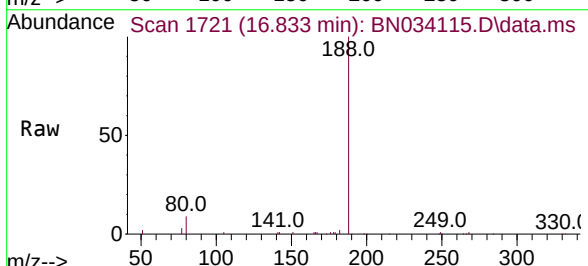
Tgt Ion:188 Resp: 19844

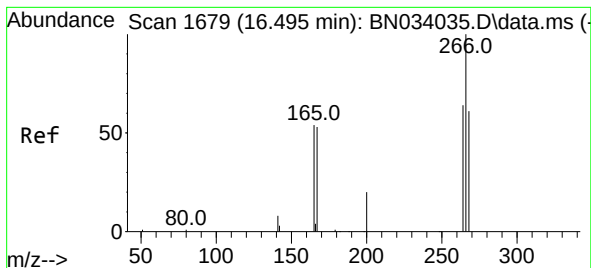
Ion Ratio Lower Upper

188 100

94 0.0 0.0 0.0

80 9.3 7.4 11.0





#24

Pentachlorophenol

Concen: 0.056 ng

RT: 16.498 min Scan# 1694

Delta R.T. 0.003 min

Lab File: BN034115.D

Acq: 21 Sep 2024 08:42

Instrument :

BNA_N

ClientSampleId :

TT15811-20240916

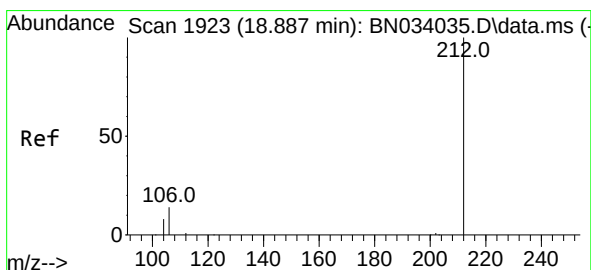
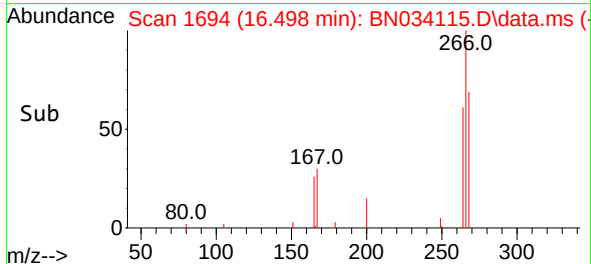
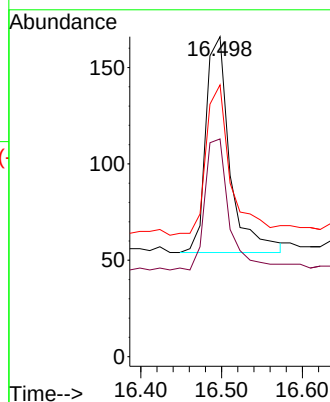
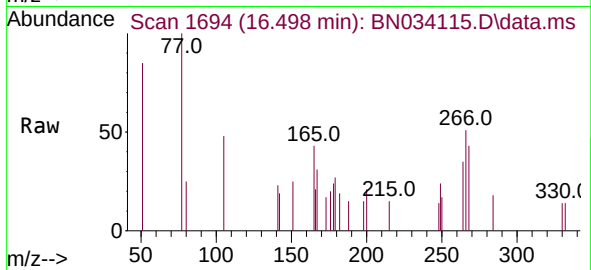
Tgt Ion:266 Resp: 233

Ion Ratio Lower Upper

266 100

264 61.8 50.2 75.2

268 72.1 51.0 76.4



#27

Fluoranthene-d10

Concen: 0.394 ng

RT: 18.876 min Scan# 1935

Delta R.T. -0.011 min

Lab File: BN034115.D

Acq: 21 Sep 2024 08:42

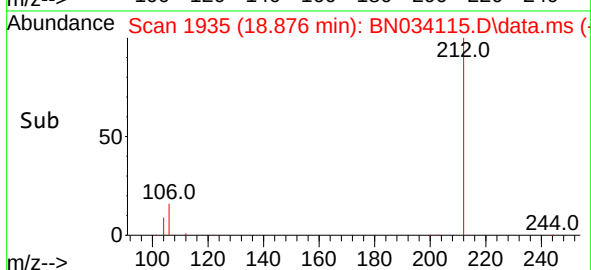
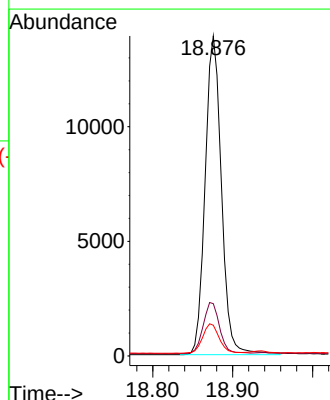
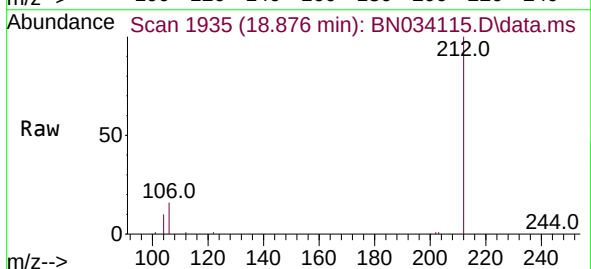
Tgt Ion:212 Resp: 19747

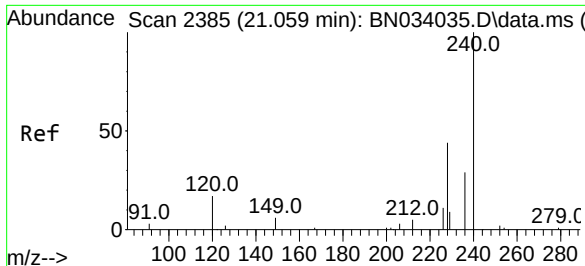
Ion Ratio Lower Upper

212 100

106 16.2 13.4 20.2

104 9.5 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: BN034115.D

Acq: 21 Sep 2024 08:42

Instrument :

BNA_N

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TT15811-20240916

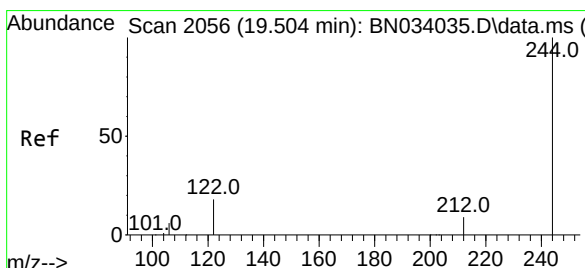
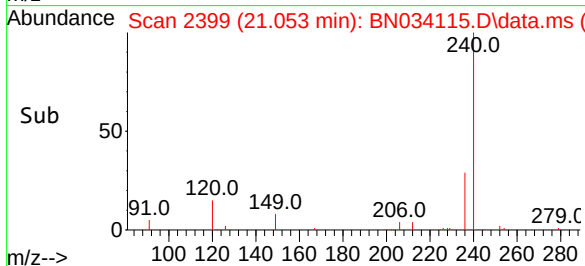
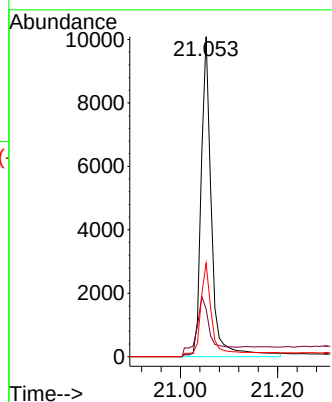
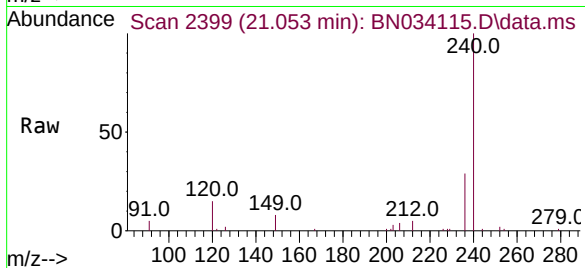
Tgt Ion:240 Resp: 14332

Ion Ratio Lower Upper

240 100

120 14.9 13.5 20.3

236 29.2 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: BN034115.D

Acq: 21 Sep 2024 08:42

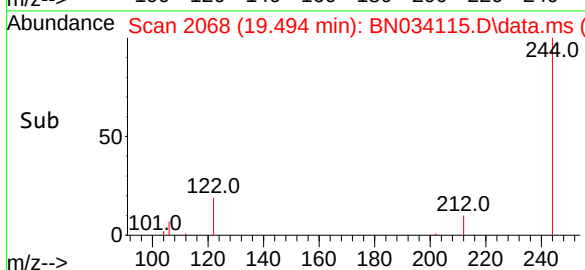
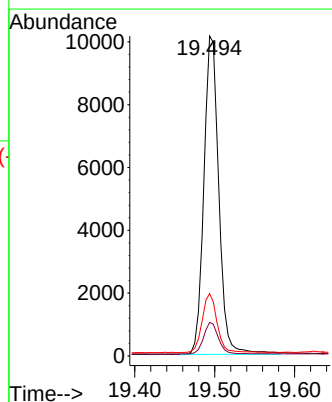
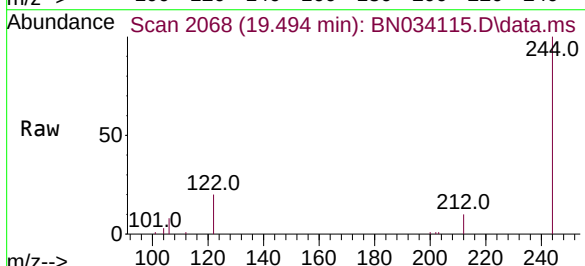
Tgt Ion:244 Resp: 13182

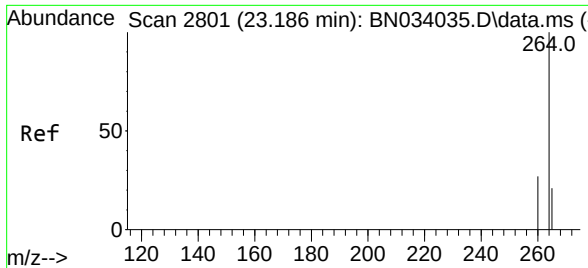
Ion Ratio Lower Upper

244 100

212 10.5 7.8 11.6

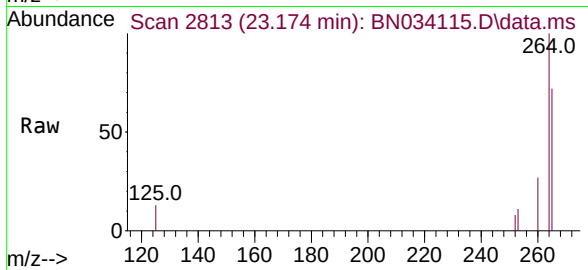
122 19.5 14.8 22.2





#35
Perylene-d12
Concen: 0.400 ng
RT: 23.174 min Scan# 21
Delta R.T. -0.012 min
Lab File: BN034115.D
Acq: 21 Sep 2024 08:42

Instrument :
BNA_N
ClientSampleId :
TT15811-20240916



Tgt Ion:264 Resp: 11775
Ion Ratio Lower Upper
264 100
260 26.9 21.7 32.5
265 71.6 52.1 78.1

