

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN100824\
 Data File : BN034485.D
 Acq On : 09 Oct 2024 01:56
 Operator : RC/JU
 Sample : P4226-10
 Misc :
 ALS Vial : 57 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 DUP08-20240924

Quant Time: Oct 09 02:51:37 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN091924.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Sep 26 14:44:02 2024
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

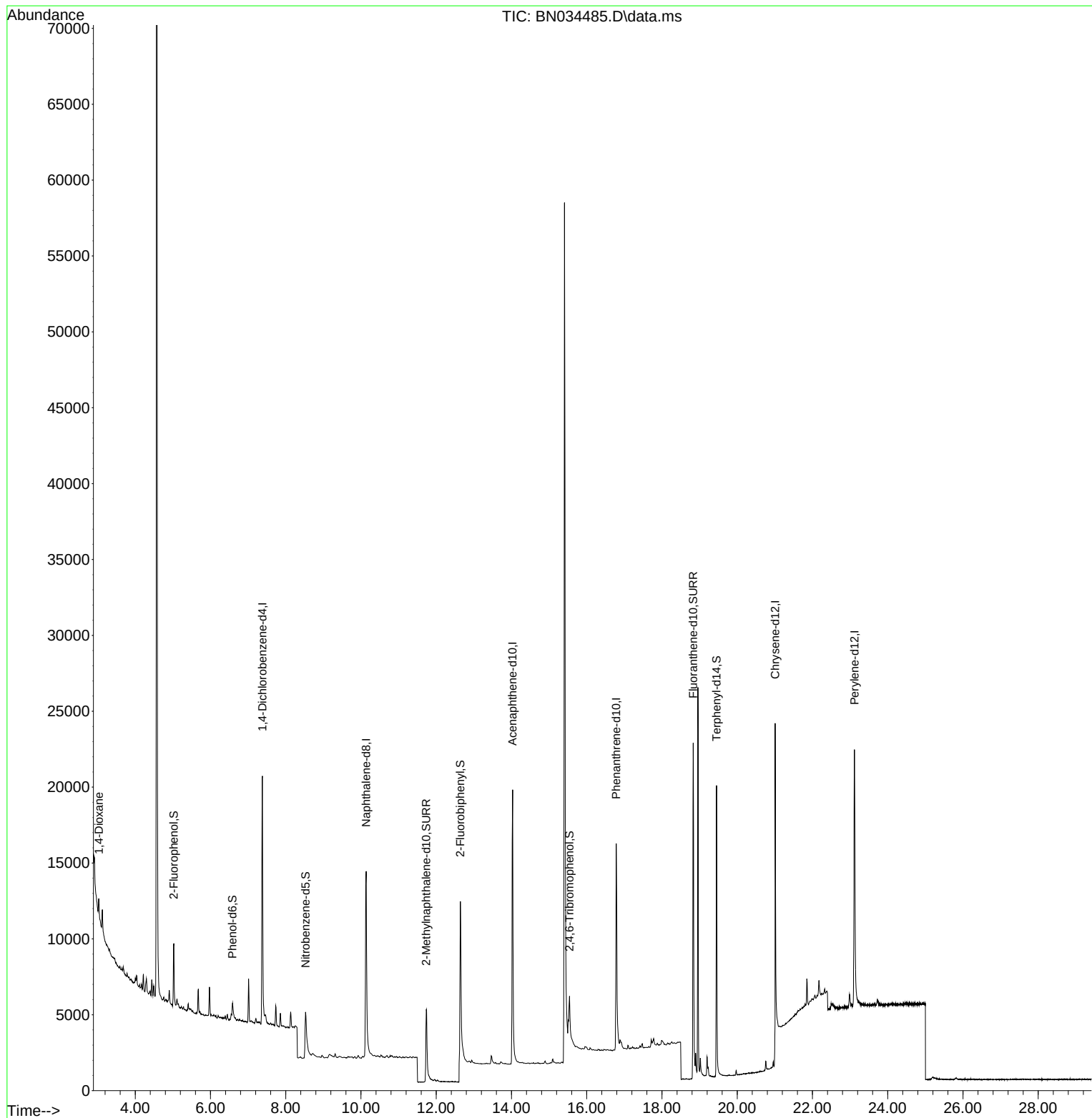
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.380	152	8722	0.400	ng	-0.01
7) Naphthalene-d8	10.137	136	22621	0.400	ng	#-0.01
13) Acenaphthene-d10	14.030	164	12531	0.400	ng	-0.02
19) Phenanthrene-d10	16.784	188	23110	0.400	ng	#-0.02
29) Chrysene-d12	21.008	240	15752	0.400	ng	# 0.00
35) Perylene-d12	23.116	264	24029	0.400	ng	#-0.01
System Monitoring Compounds						
4) 2-Fluorophenol	5.026	112	3434	0.139	ng	0.00
5) Phenol-d6	6.585	99	1661	0.058	ng	-0.01
8) Nitrobenzene-d5	8.525	82	4583	0.265	ng	-0.01
11) 2-Methylnaphthalene-d10	11.735	152	9713	0.291	ng	-0.02
14) 2,4,6-Tribromophenol	15.542	330	1941	0.342	ng	0.00
15) 2-Fluorobiphenyl	12.640	172	13271	0.260	ng	-0.02
27) Fluoranthene-d10	18.829	212	27646	0.474	ng	-0.02
31) Terphenyl-d14	19.452	244	19586	0.623	ng	-0.02
Target Compounds						
2) 1,4-Dioxane	3.032	88	1041	0.095	ng	# 70

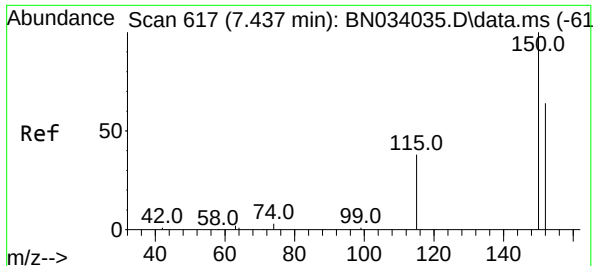
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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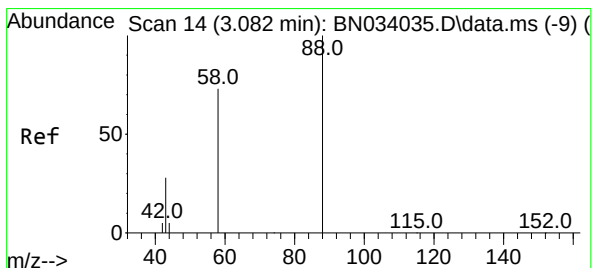
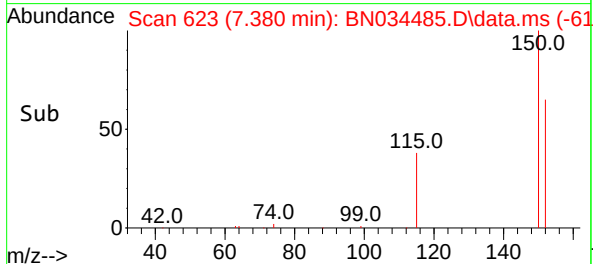
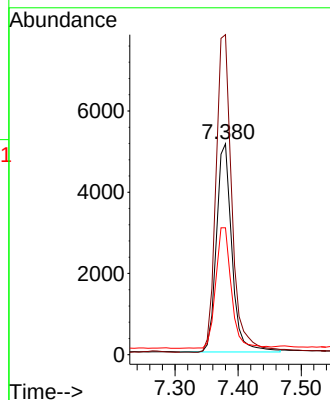
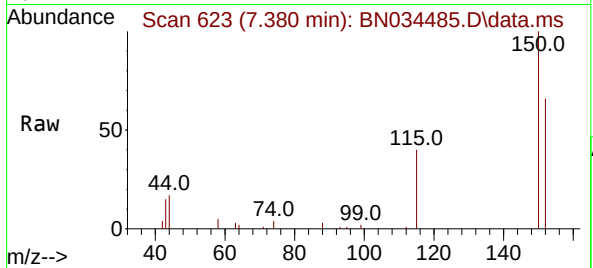




#1
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.380 min Scan# 61
Delta R.T. -0.014 min
Lab File: BN034485.D
Acq: 09 Oct 2024 01:56

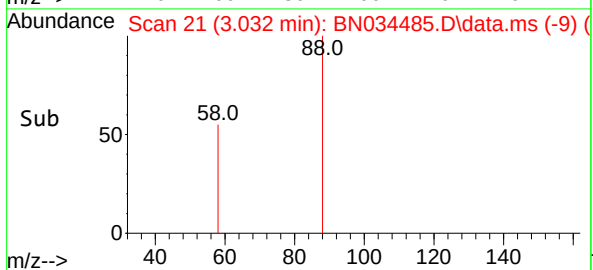
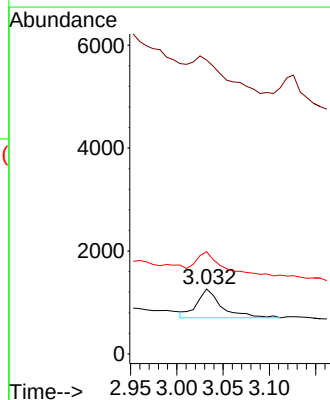
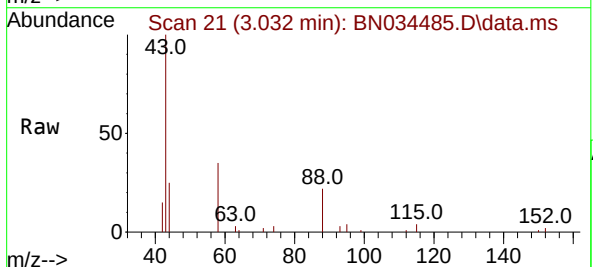
Instrument :
BNA_N
ClientSampleId :
DUP08-20240924

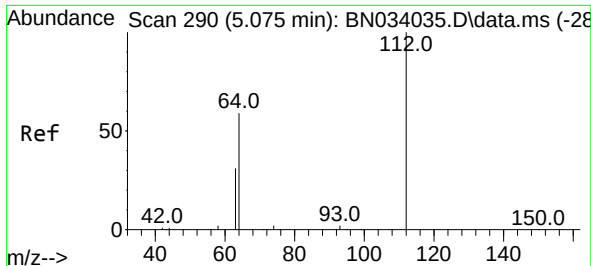
Tgt Ion:152 Resp: 8722
Ion Ratio Lower Upper
152 100
150 151.8 124.6 187.0
115 60.2 50.0 75.0



#2
1,4-Dioxane
Concen: 0.095 ng
RT: 3.032 min Scan# 21
Delta R.T. -0.014 min
Lab File: BN034485.D
Acq: 09 Oct 2024 01:56

Tgt Ion: 88 Resp: 1041
Ion Ratio Lower Upper
88 100
43 0.0 25.8 38.8#
58 88.6 58.8 88.2#

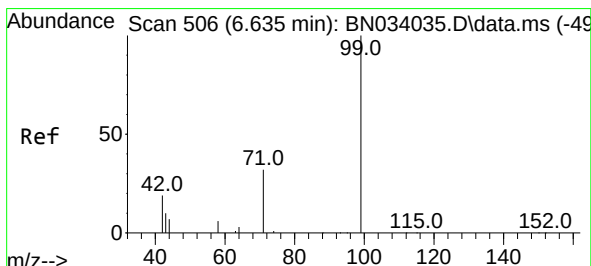
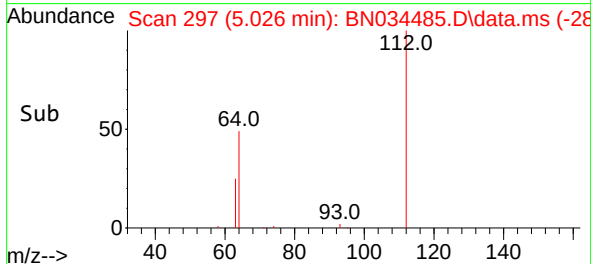
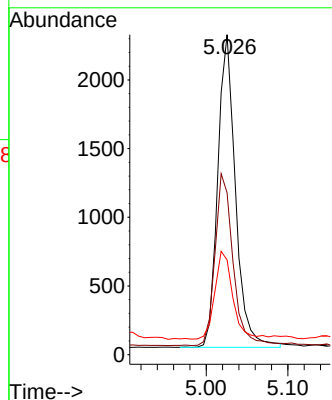
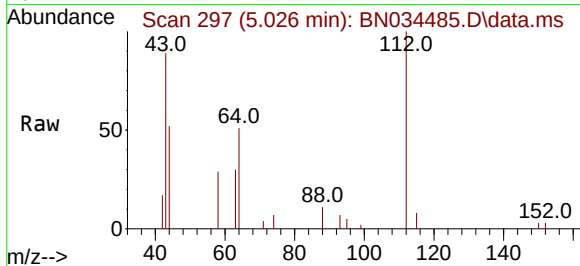




#4
2-Fluorophenol
Concen: 0.139 ng
RT: 5.026 min Scan# 290
Delta R.T. -0.007 min
Lab File: BN034485.D
Acq: 09 Oct 2024 01:56

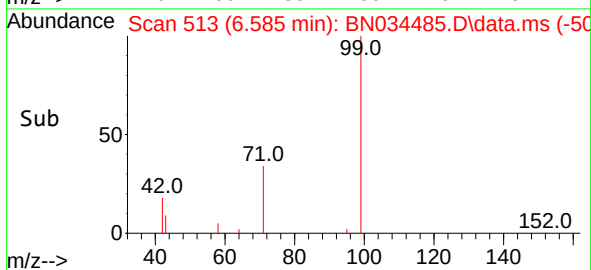
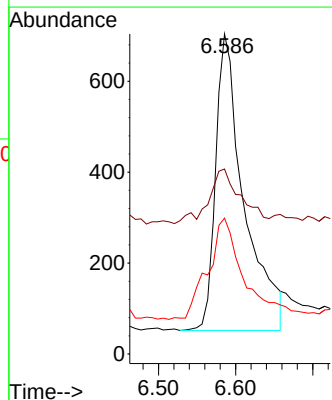
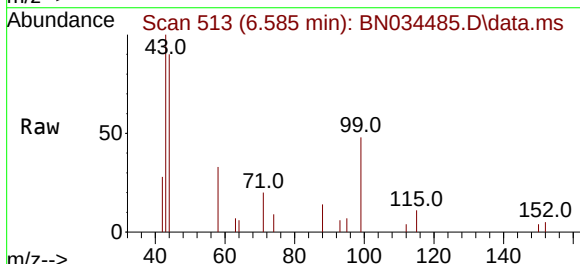
Instrument :
BNA_N
ClientSampleId :
DUP08-20240924

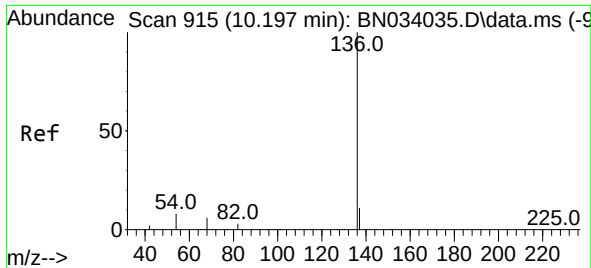
Tgt Ion:112 Resp: 3434
Ion Ratio Lower Upper
112 100
64 55.8 48.6 72.8
63 28.6 25.6 38.4



#5
Phenol-d6
Concen: 0.058 ng
RT: 6.585 min Scan# 513
Delta R.T. -0.014 min
Lab File: BN034485.D
Acq: 09 Oct 2024 01:56

Tgt Ion: 99 Resp: 1661
Ion Ratio Lower Upper
99 100
42 20.7 17.8 26.8
71 42.6 26.2 39.2#

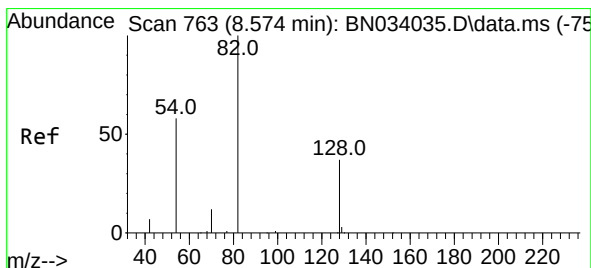
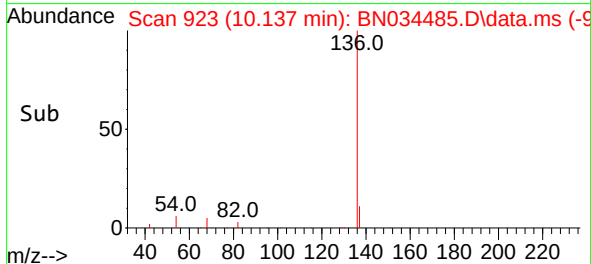
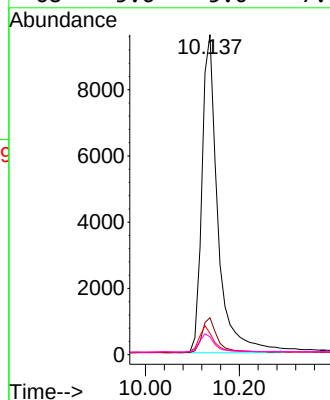
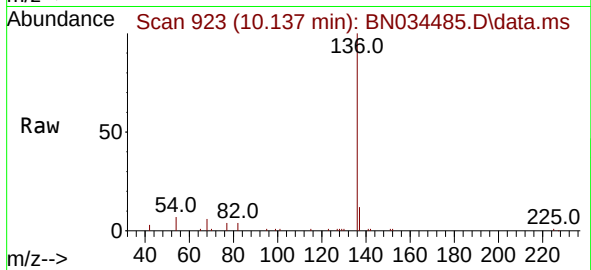




#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.137 min Scan# 915
Delta R.T. -0.011 min
Lab File: BN034485.D
Acq: 09 Oct 2024 01:56

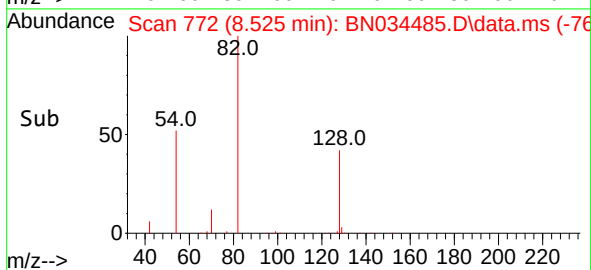
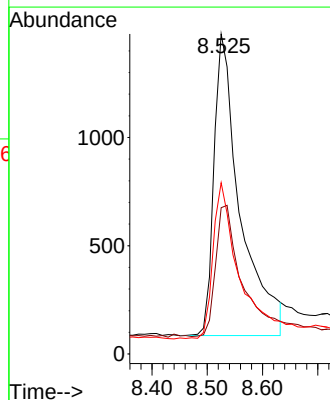
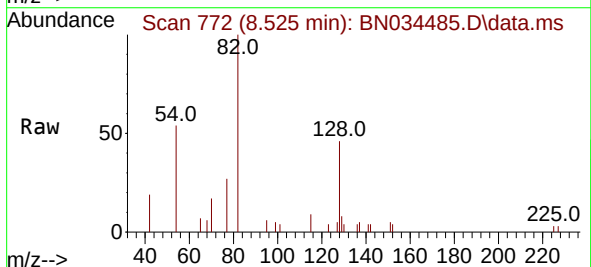
Instrument :
BNA_N
ClientSampleId :
DUP08-20240924

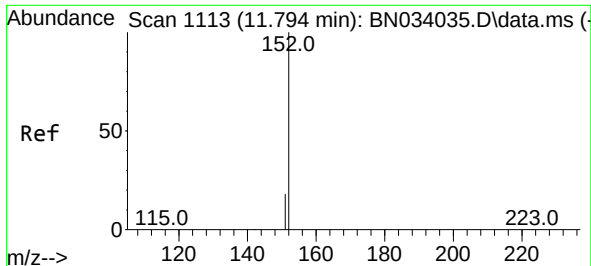
Tgt Ion:	136	Resp:	22621
Ion Ratio	Lower	Upper	
136	100		
137	11.5	9.0	13.6
54	6.7	6.8	10.2#
68	5.6	5.0	7.6



#8
Nitrobenzene-d5
Concen: 0.265 ng
RT: 8.525 min Scan# 772
Delta R.T. -0.011 min
Lab File: BN034485.D
Acq: 09 Oct 2024 01:56

Tgt Ion:	82	Resp:	4583
Ion Ratio	Lower	Upper	
82	100		
128	45.7	31.4	47.2
54	53.5	47.4	71.0

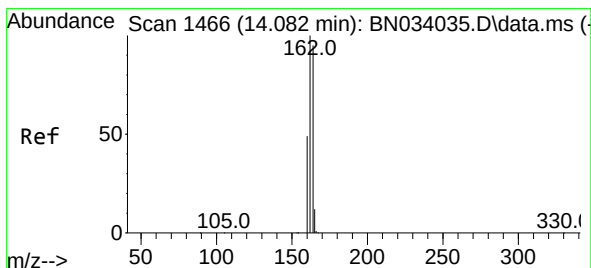
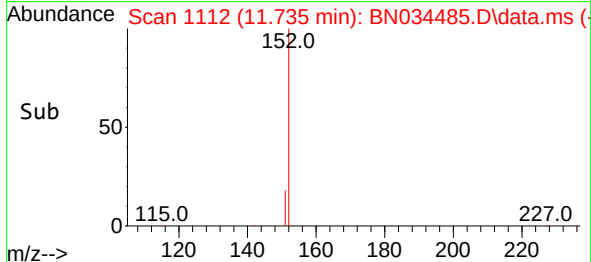
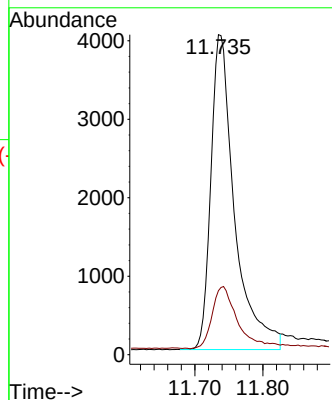
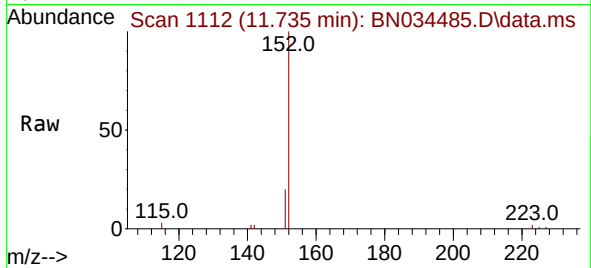




#11
2-Methylnaphthalene-d10
Concen: 0.291 ng
RT: 11.735 min Scan# 1112
Delta R.T. -0.019 min
Lab File: BN034485.D
Acq: 09 Oct 2024 01:56

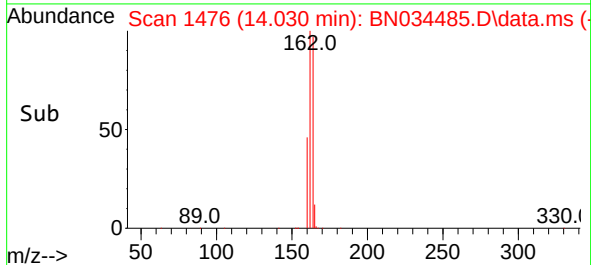
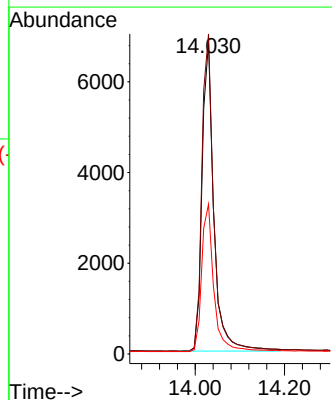
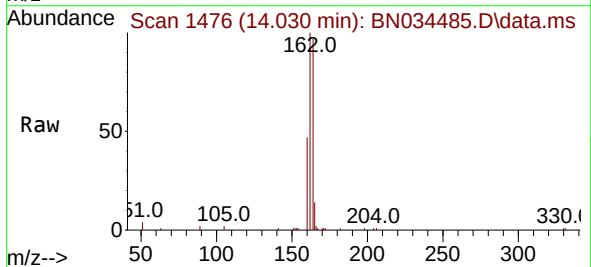
Instrument :
BNA_N
ClientSampleId :
DUP08-20240924

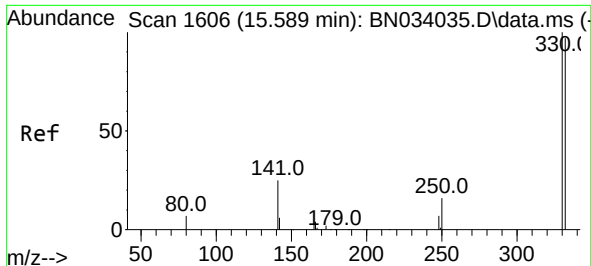
Tgt Ion:152 Resp: 9713
Ion Ratio Lower Upper
152 100
151 21.6 16.8 25.2



#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.030 min Scan# 1476
Delta R.T. -0.017 min
Lab File: BN034485.D
Acq: 09 Oct 2024 01:56

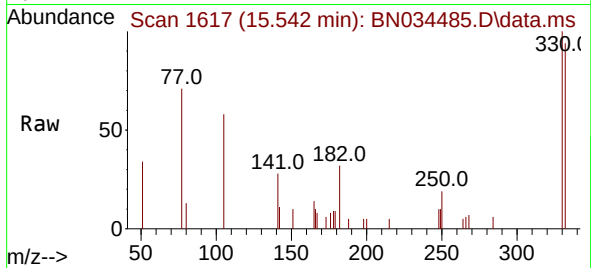
Tgt Ion:164 Resp: 12531
Ion Ratio Lower Upper
164 100
162 102.7 84.2 126.2
160 48.1 41.7 62.5



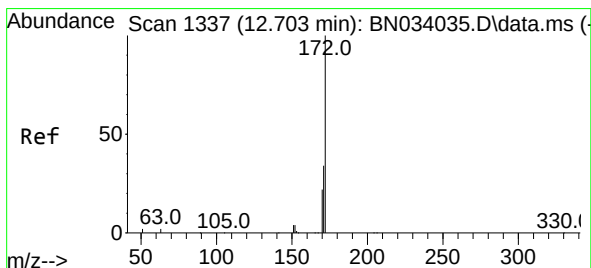
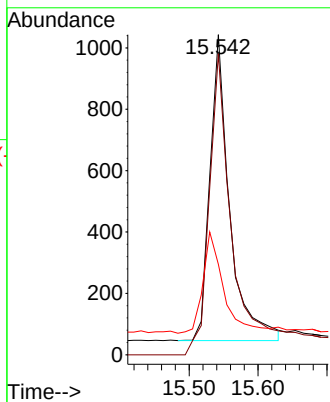
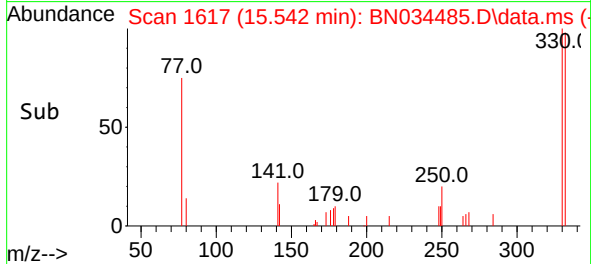


#14
2,4,6-Tribromophenol
Concen: 0.342 ng
RT: 15.542 min Scan# 1
Delta R.T. -0.007 min
Lab File: BN034485.D
Acq: 09 Oct 2024 01:56

Instrument :
BNA_N
ClientSampleId :
DUP08-20240924

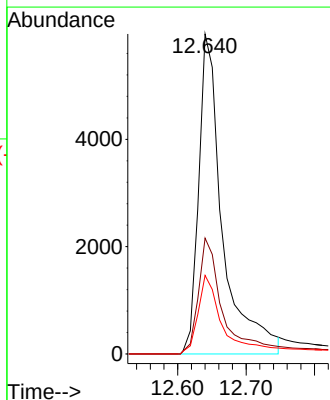
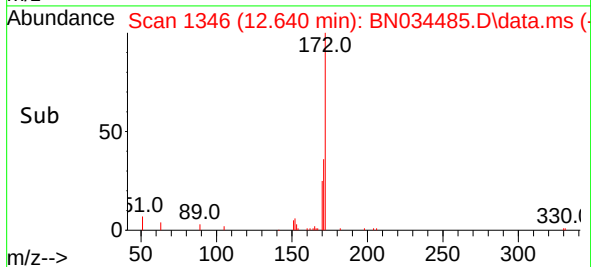
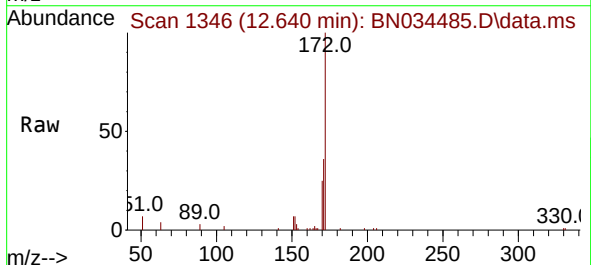


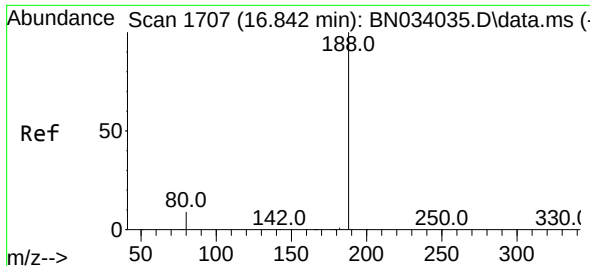
Tgt Ion:330 Resp: 1941
Ion Ratio Lower Upper
330 100
332 113.5 77.4 116.0
141 34.6 35.9 53.9#



#15
2-Fluorobiphenyl
Concen: 0.260 ng
RT: 12.640 min Scan# 1346
Delta R.T. -0.017 min
Lab File: BN034485.D
Acq: 09 Oct 2024 01:56

Tgt Ion:172 Resp: 13271
Ion Ratio Lower Upper
172 100
171 36.2 27.3 40.9
170 24.5 18.1 27.1





#19

Phenanthrene-d10

Concen: 0.400 ng

RT: 16.784 min Scan# 1717

Delta R.T. -0.019 min

Lab File: BN034485.D

Acq: 09 Oct 2024 01:56

Instrument :

BNA_N

ClientSampleId :

DUP08-20240924

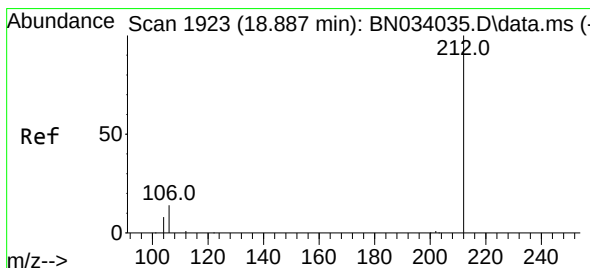
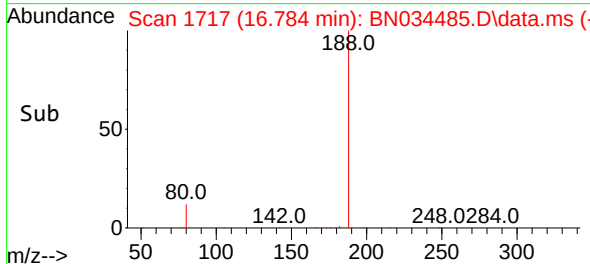
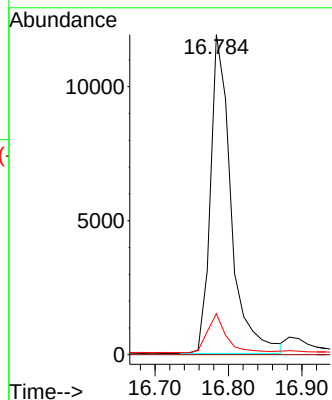
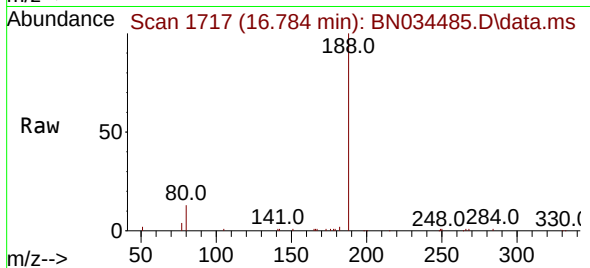
Tgt Ion:188 Resp: 23110

Ion Ratio Lower Upper

188 100

94 0.0 0.0 0.0

80 12.8 7.4 11.0#



#27

Fluoranthene-d10

Concen: 0.474 ng

RT: 18.829 min Scan# 1925

Delta R.T. -0.016 min

Lab File: BN034485.D

Acq: 09 Oct 2024 01:56

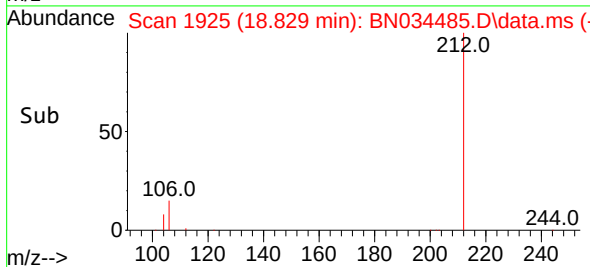
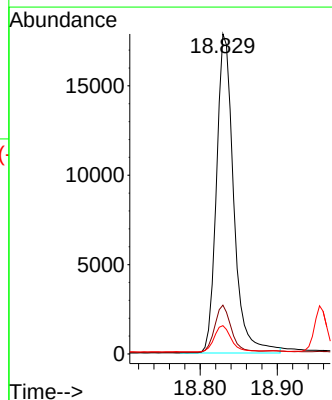
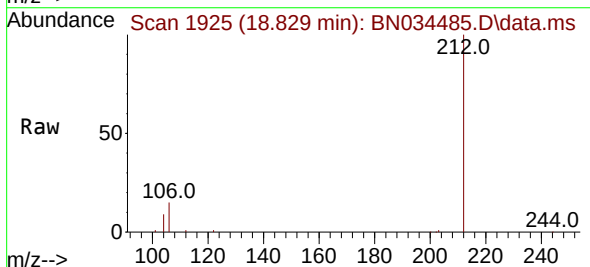
Tgt Ion:212 Resp: 27646

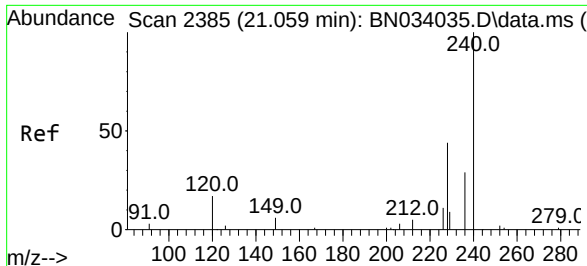
Ion Ratio Lower Upper

212 100

106 14.4 13.4 20.2

104 8.2 7.8 11.6

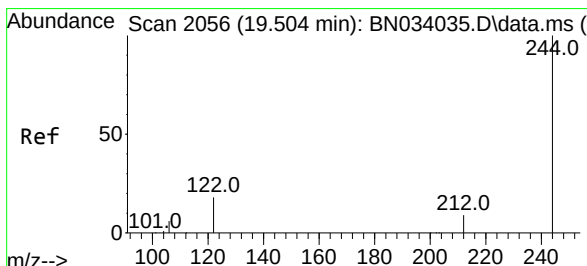
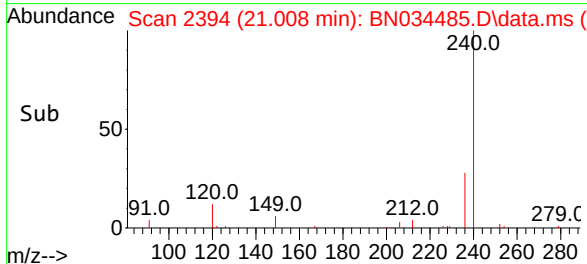
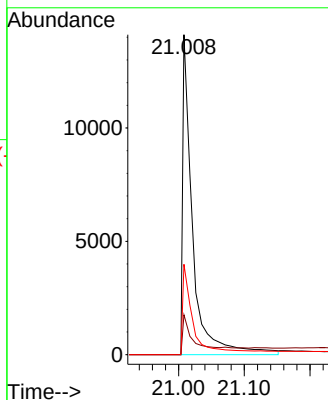
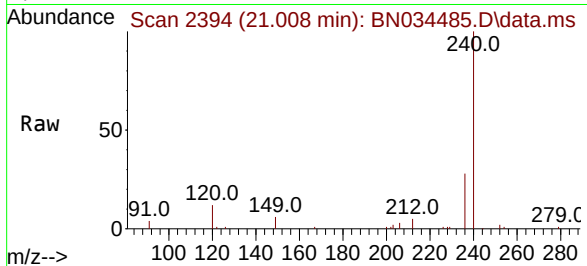




#29
Chrysene-d12
Concen: 0.400 ng
RT: 21.008 min Scan# 21
Delta R.T. -0.006 min
Lab File: BN034485.D
Acq: 09 Oct 2024 01:56

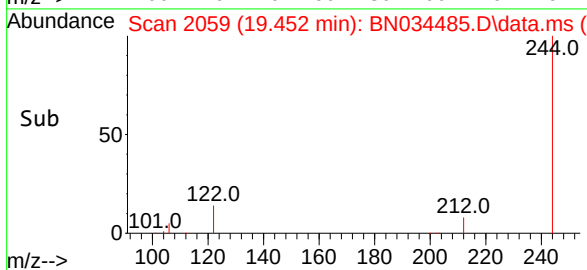
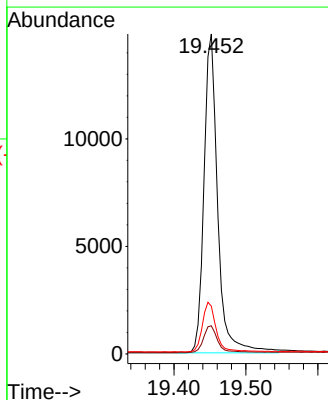
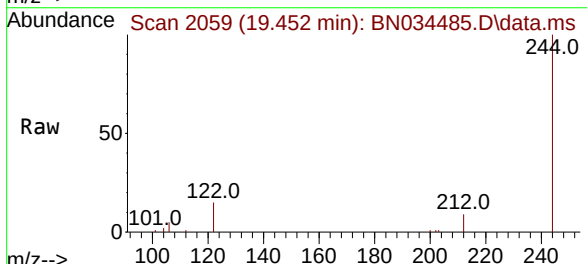
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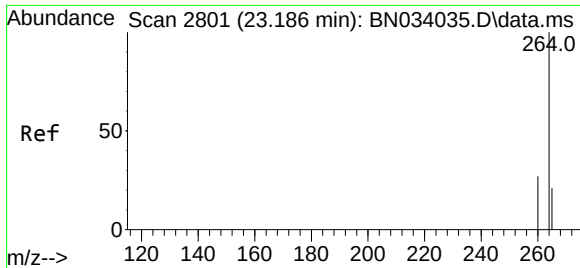
Tgt Ion:240 Resp: 15752
Ion Ratio Lower Upper
240 100
120 12.5 13.5 20.3#
236 28.2 23.4 35.0



#31
Terphenyl-d14
Concen: 0.623 ng
RT: 19.452 min Scan# 2059
Delta R.T. -0.016 min
Lab File: BN034485.D
Acq: 09 Oct 2024 01:56

Tgt Ion:244 Resp: 19586
Ion Ratio Lower Upper
244 100
212 8.8 7.8 11.6
122 14.9 14.8 22.2





#35

Perylene-d12

Concen: 0.400 ng

RT: 23.116 min Scan# 21

Delta R.T. -0.012 min

Lab File: BN034485.D

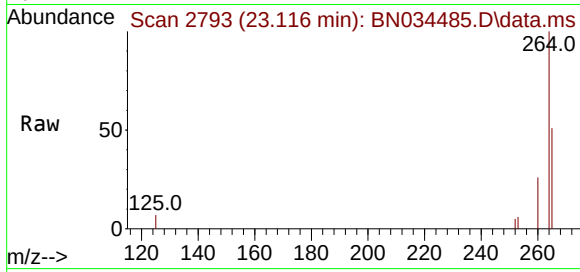
Acq: 09 Oct 2024 01:56

Instrument :

BNA_N

ClientSampleId :

DUP08-20240924



Tgt Ion:264 Resp: 24029

Ion Ratio Lower Upper

264 100

260 25.9 21.7 32.5

265 50.8 52.1 78.1#

