

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN040325\
 Data File : BN036822.D
 Acq On : 03 Apr 2025 14:49
 Operator : RC/JU
 Sample : Q1697-03
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 IW-02-55-040125

Quant Time: Apr 03 15:15:17 2025
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN031025.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Mar 10 16:06:28 2025
 Response via : Initial Calibration

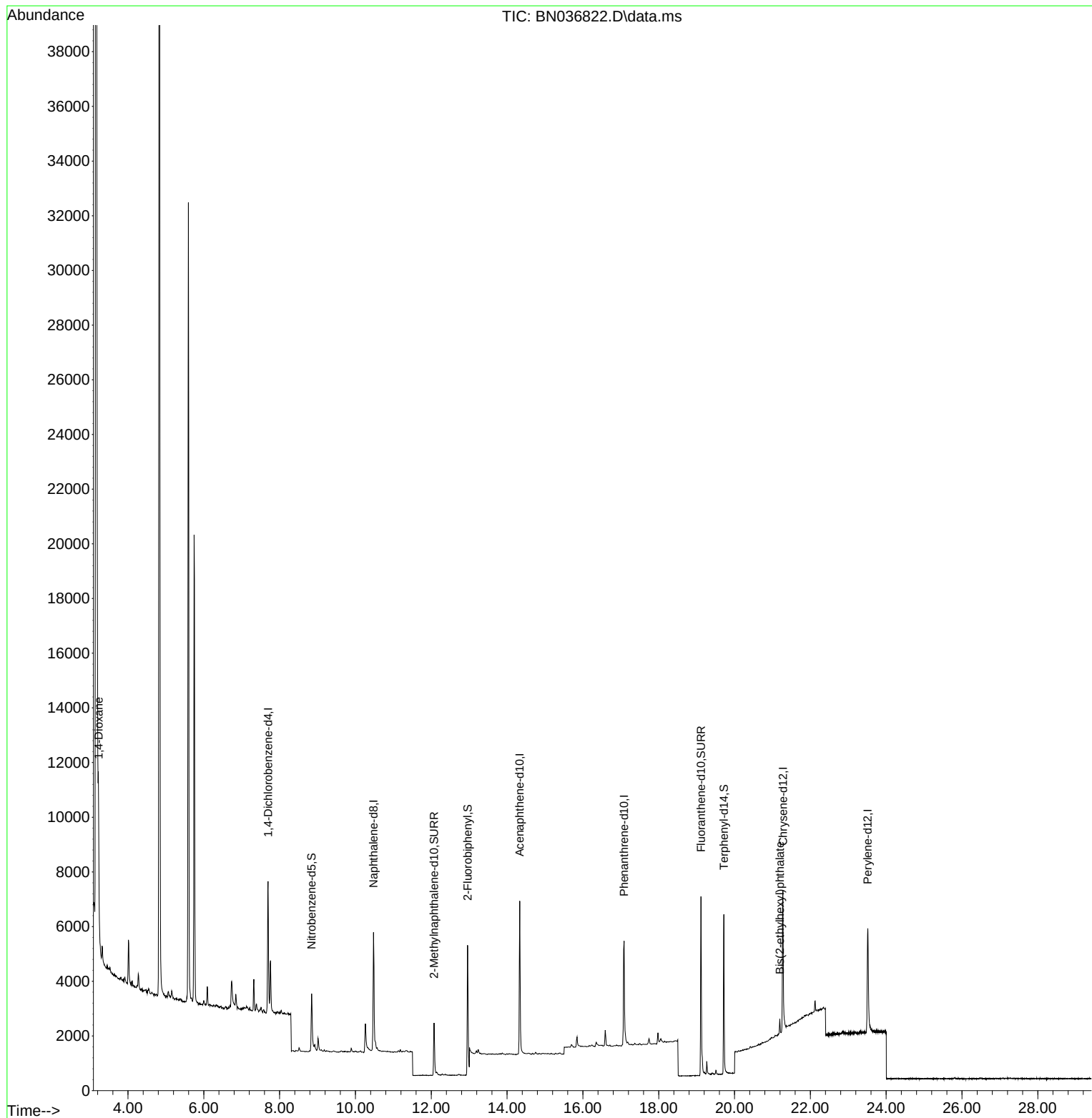
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.695	152	2465	0.400	ng	-0.03
7) Naphthalene-d8	10.477	136	5939	0.400	ng	-0.03
13) Acenaphthene-d10	14.334	164	3300	0.400	ng	-0.03
19) Phenanthrene-d10	17.086	188	6930	0.400	ng	-0.02
29) Chrysene-d12	21.277	240	6224	0.400	ng	#-0.02
35) Perylene-d12	23.516	264	5856	0.400	ng	#-0.04
System Monitoring Compounds						
4) 2-Fluorophenol	0.000	112	0d	0.000	ng	
5) Phenol-d6	0.000	99	0d	0.000	ng	
8) Nitrobenzene-d5	8.843	82	2165	0.335	ng	-0.03
11) 2-Methylnaphthalene-d10	12.075	152	3075	0.348	ng	-0.04
14) 2,4,6-Tribromophenol	0.000	330	0d	0.000	ng	
15) 2-Fluorobiphenyl	12.958	172	6746	0.351	ng	-0.03
27) Fluoranthene-d10	19.118	212	8021	0.452	ng	-0.02
31) Terphenyl-d14	19.717	244	5985	0.401	ng	-0.03
Target Compounds						
2) 1,4-Dioxane	3.225	88	2039	0.746	ng	# 80
34) Bis(2-ethylhexyl)phtha...	21.196	149	566	0.037	ng	# 96

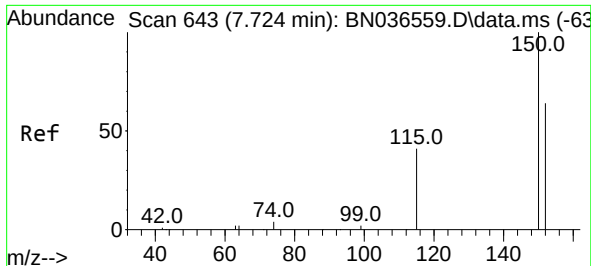
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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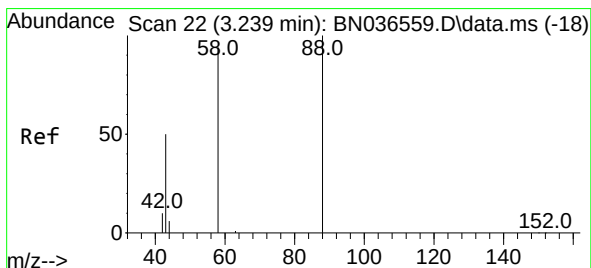
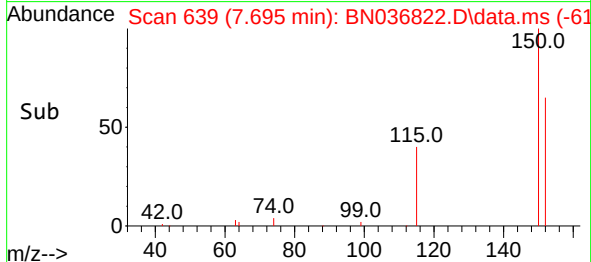
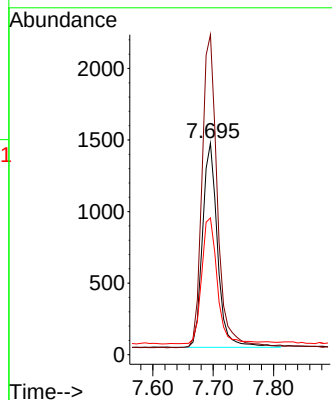
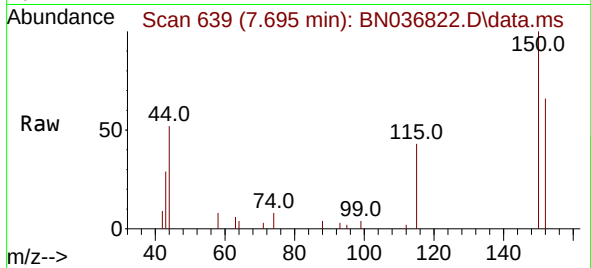




#1
 1,4-Dichlorobenzene-d4
 Concen: 0.400 ng
 RT: 7.695 min Scan# 61
 Delta R.T. -0.029 min
 Lab File: BN036822.D
 Acq: 03 Apr 2025 14:49

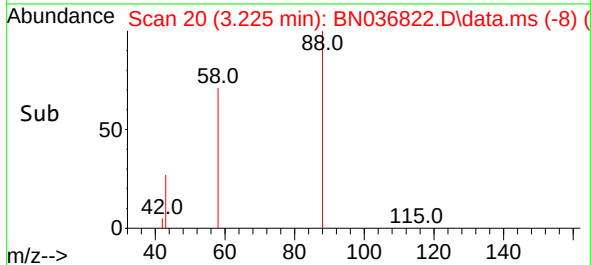
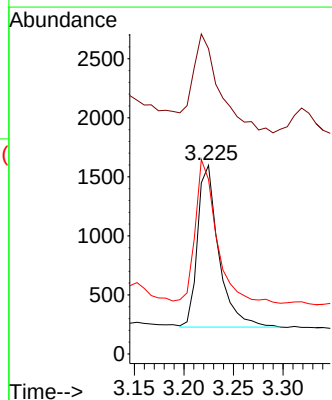
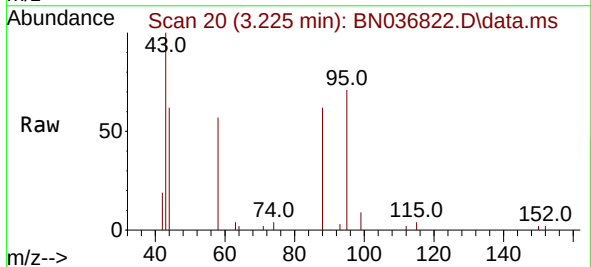
Instrument :
 BNA_N
 ClientSampleId :
 IW-02-55-040125

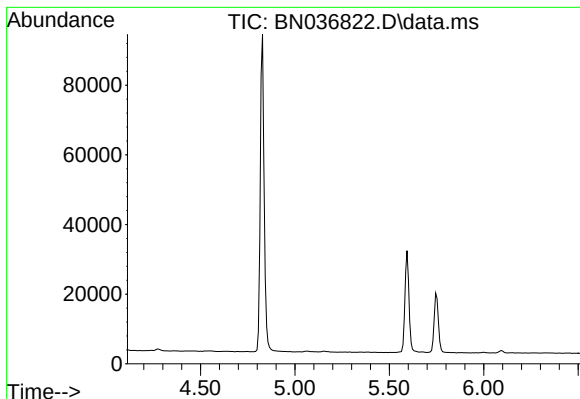
Tgt Ion:152 Resp: 2465
 Ion Ratio Lower Upper
 152 100
 150 151.3 123.7 185.5
 115 64.7 54.3 81.5



#2
 1,4-Dioxane
 Concen: 0.746 ng
 RT: 3.225 min Scan# 20
 Delta R.T. -0.014 min
 Lab File: BN036822.D
 Acq: 03 Apr 2025 14:49

Tgt Ion: 88 Resp: 2039
 Ion Ratio Lower Upper
 88 100
 43 77.5 37.8 56.8#
 58 89.8 67.4 101.2

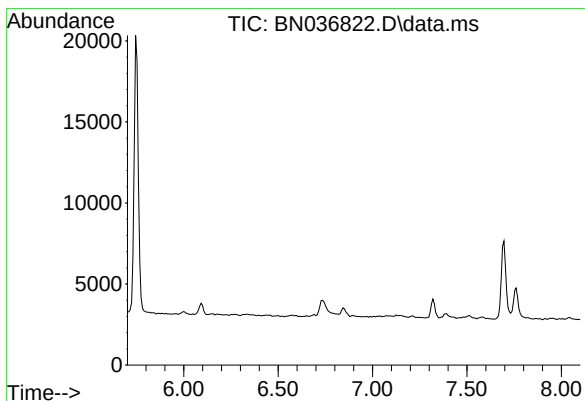
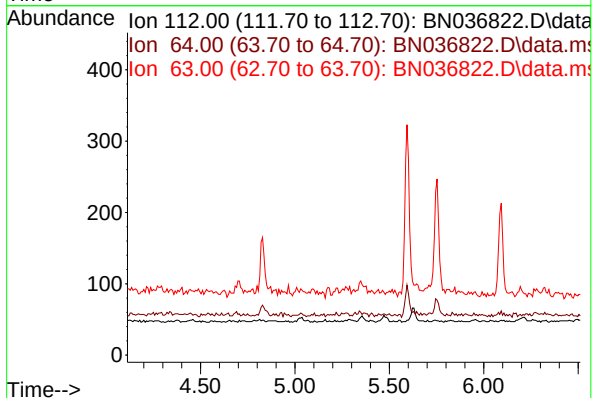




#4
 2-Fluorophenol
 Concen: 0.000 ng
 Expected RT: 5.31 min
 Lab File: BN036822.D
 Acq: 03 Apr 2025 14:49

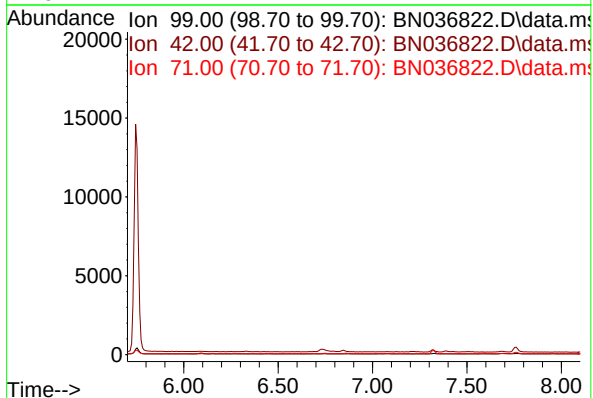
Instrument :
 BNA_N
 ClientSampleId :
 IW-02-55-040125

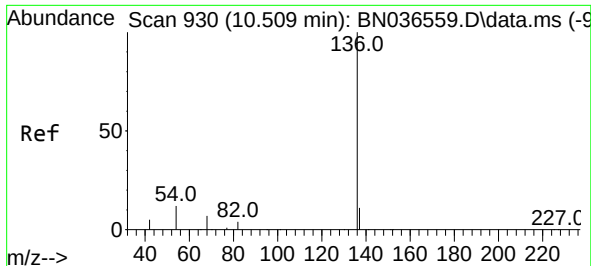
Tgt Ion: 112
 Sig Exp Ratio
 112 100
 64 66.4
 63 39.8



#5
 Phenol-d6
 Concen: 0.000 ng
 Expected RT: 6.90 min
 Lab File: BN036822.D
 Acq: 03 Apr 2025 14:49

Tgt Ion: 99
 Sig Exp Ratio
 99 100
 42 33.1
 71 42.6

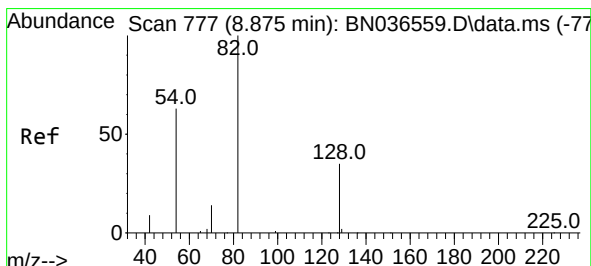
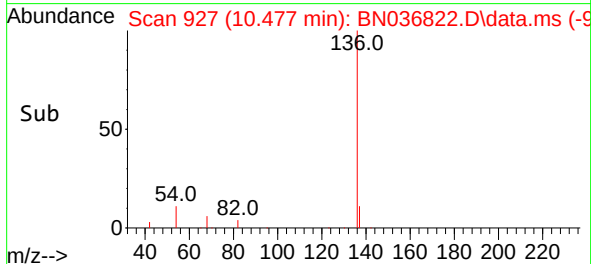
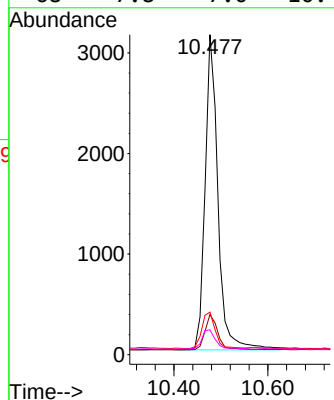
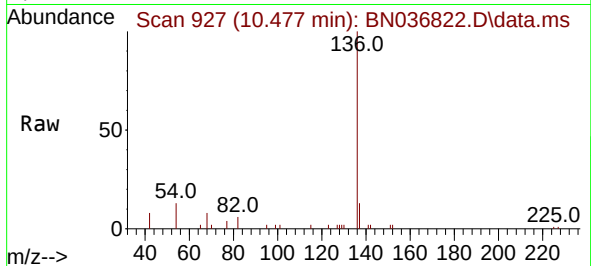




#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.477 min Scan# 91
Delta R.T. -0.032 min
Lab File: BN036822.D
Acq: 03 Apr 2025 14:49

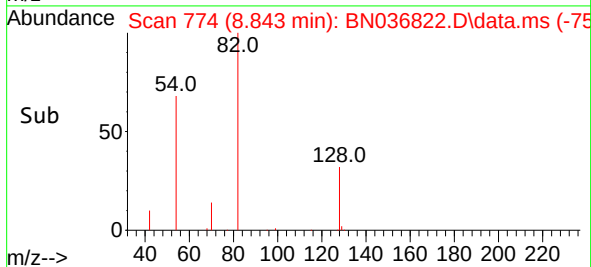
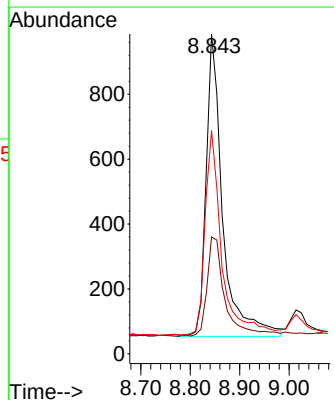
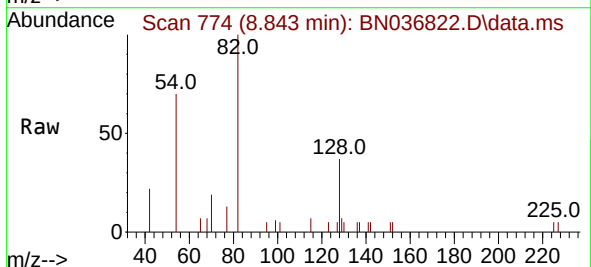
Instrument :
BNA_N
ClientSampleId :
IW-02-55-040125

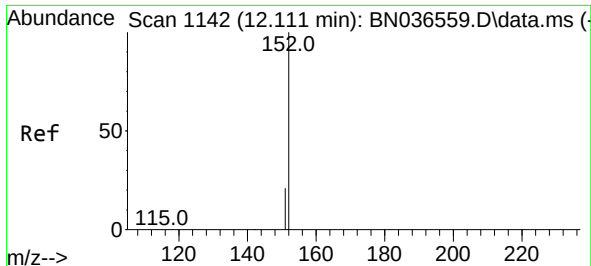
Tgt Ion:	136	Resp:	5939
Ion	Ratio	Lower	Upper
136	100		
137	12.5	10.3	15.5
54	13.3	11.5	17.3
68	7.8	7.0	10.4



#8
Nitrobenzene-d5
Concen: 0.335 ng
RT: 8.843 min Scan# 774
Delta R.T. -0.032 min
Lab File: BN036822.D
Acq: 03 Apr 2025 14:49

Tgt Ion:	82	Resp:	2165
Ion	Ratio	Lower	Upper
82	100		
128	36.5	30.6	45.8
54	69.8	52.2	78.4

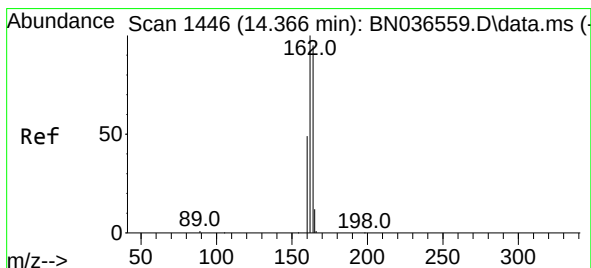
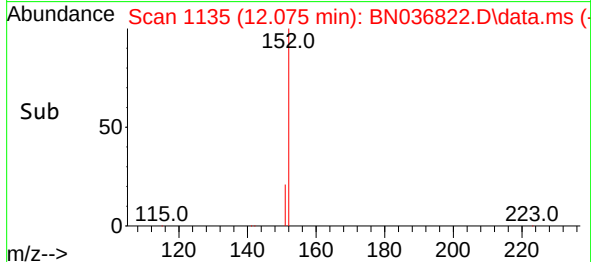
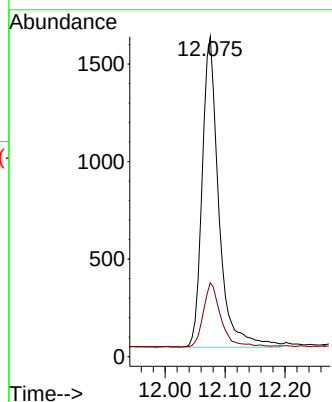
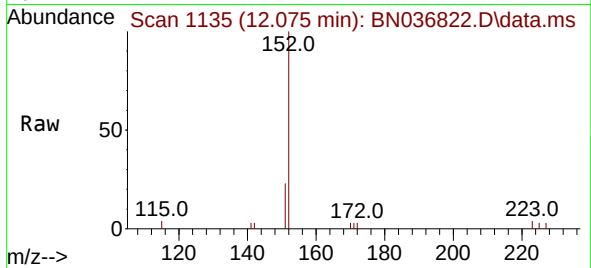




#11
2-Methylnaphthalene-d10
Concen: 0.348 ng
RT: 12.075 min Scan# 1142
Delta R.T. -0.036 min
Lab File: BN036822.D
Acq: 03 Apr 2025 14:49

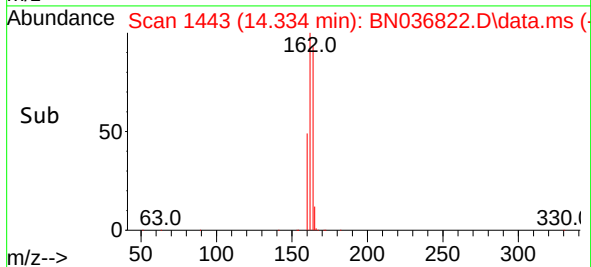
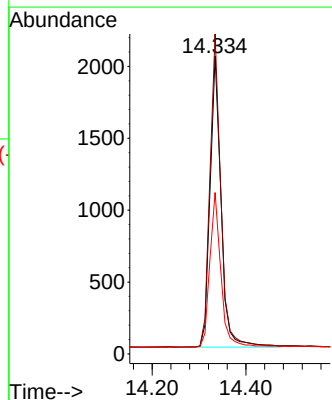
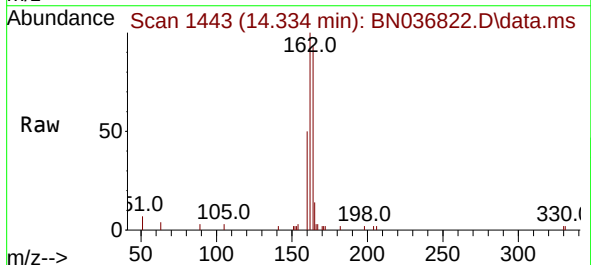
Instrument :
BNA_N
ClientSampleId :
IW-02-55-040125

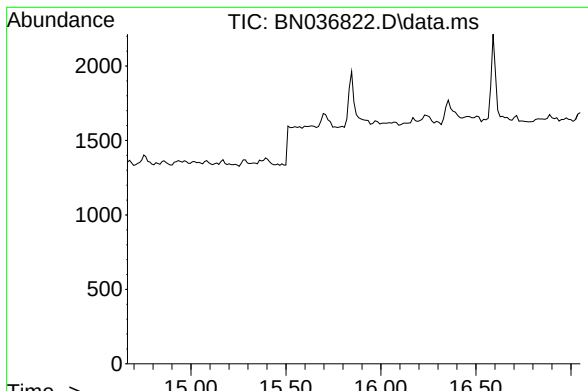
Tgt Ion:152 Resp: 3075
Ion Ratio Lower Upper
152 100
151 21.5 17.0 25.6



#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.334 min Scan# 1443
Delta R.T. -0.032 min
Lab File: BN036822.D
Acq: 03 Apr 2025 14:49

Tgt Ion:164 Resp: 3300
Ion Ratio Lower Upper
164 100
162 107.5 84.2 126.2
160 54.2 42.2 63.2



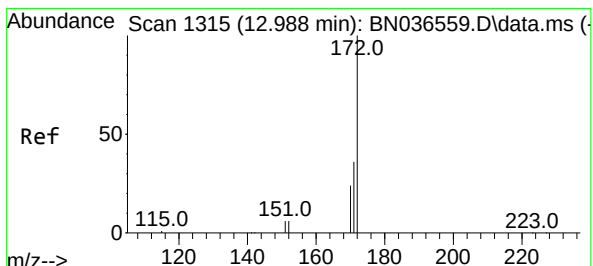
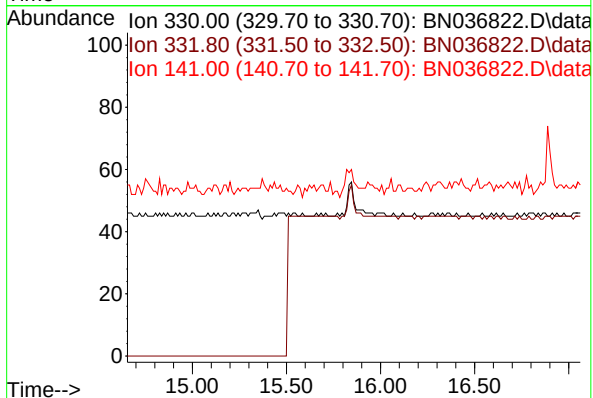


#14
 2,4,6-Tribromophenol
 Concen: 0.000 ng
 Expected RT: 15.86 min
 Lab File: BN036822.D
 Acq: 03 Apr 2025 14:49

Instrument :
 BNA_N
 ClientSampleId :
 IW-02-55-040125

Tgt Ion: 330

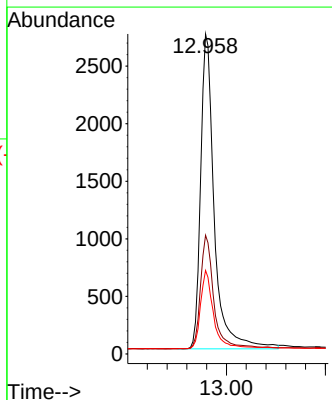
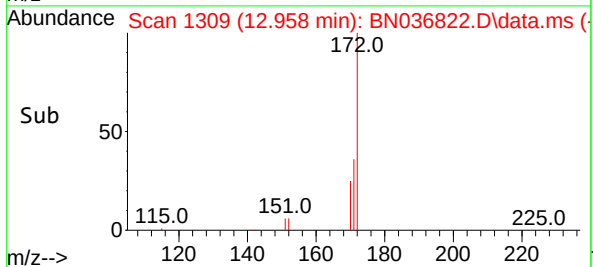
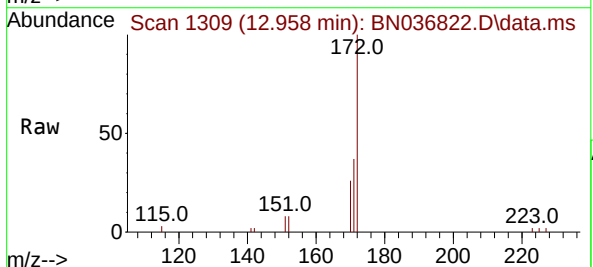
Sig	Exp Ratio
330	100
332	94.0
141	54.3

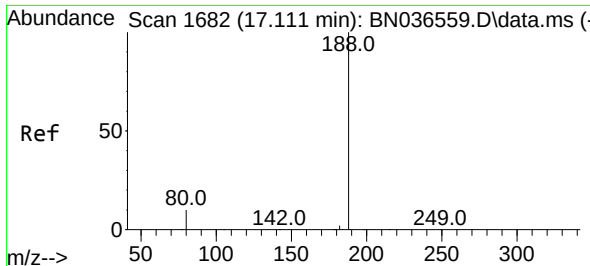


#15
 2-Fluorobiphenyl
 Concen: 0.351 ng
 RT: 12.958 min Scan# 1309
 Delta R.T. -0.030 min
 Lab File: BN036822.D
 Acq: 03 Apr 2025 14:49

Tgt Ion: 172 Resp: 6746

Ion	Ratio	Lower	Upper
172	100		
171	37.1	29.5	44.3
170	26.1	20.2	30.4

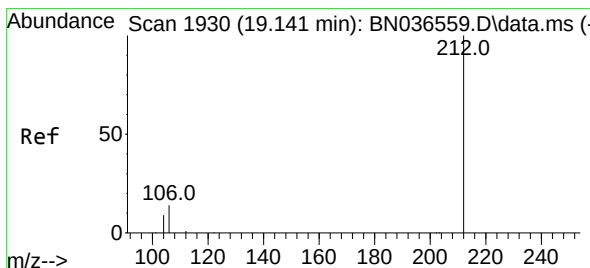
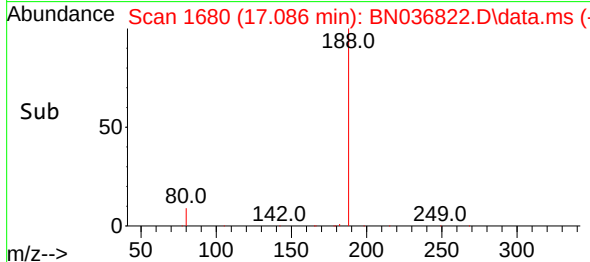
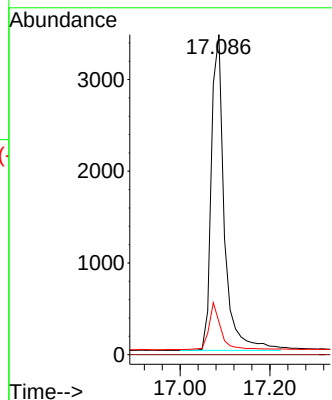
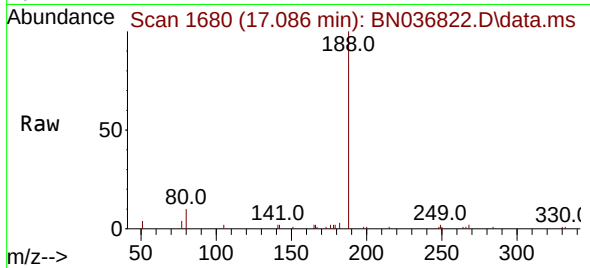




#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.086 min Scan# 1
Delta R.T. -0.025 min
Lab File: BN036822.D
Acq: 03 Apr 2025 14:49

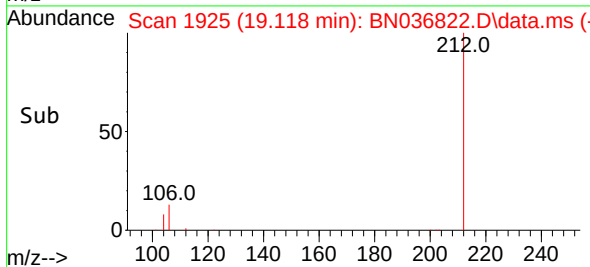
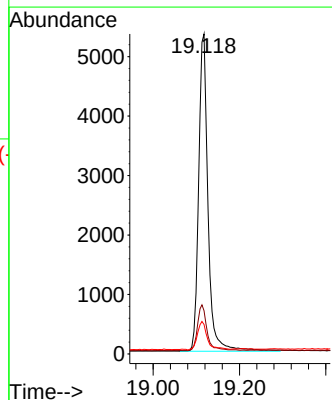
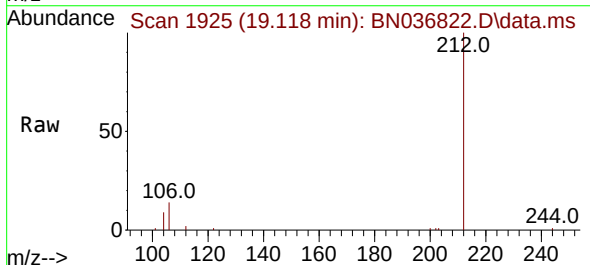
Instrument :
BNA_N
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IW-02-55-040125

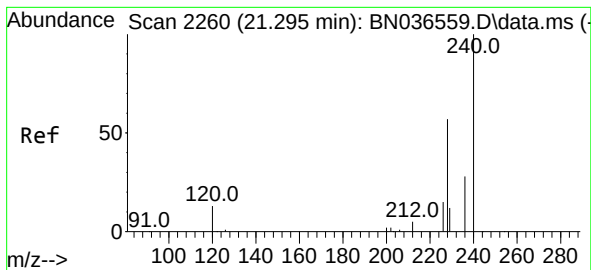
Tgt Ion:188 Resp: 6930
Ion Ratio Lower Upper
188 100
94 0.0 0.0 0.0
80 10.2 8.8 13.2



#27
Fluoranthene-d10
Concen: 0.452 ng
RT: 19.118 min Scan# 1925
Delta R.T. -0.023 min
Lab File: BN036822.D
Acq: 03 Apr 2025 14:49

Tgt Ion:212 Resp: 8021
Ion Ratio Lower Upper
212 100
106 14.6 11.8 17.6
104 9.6 7.3 10.9





#29

Chrysene-d12

Concen: 0.400 ng

RT: 21.277 min Scan# 21

Delta R.T. -0.018 min

Lab File: BN036822.D

Acq: 03 Apr 2025 14:49

Instrument :

BNA_N

ClientSampleId :

IW-02-55-040125

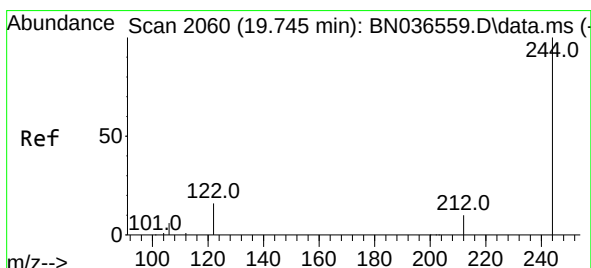
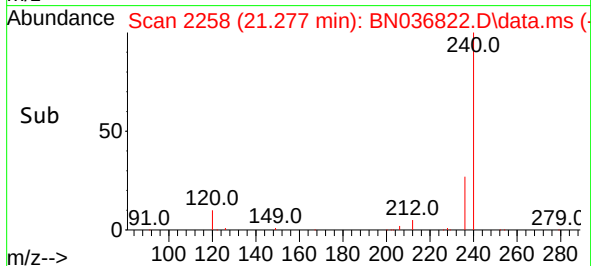
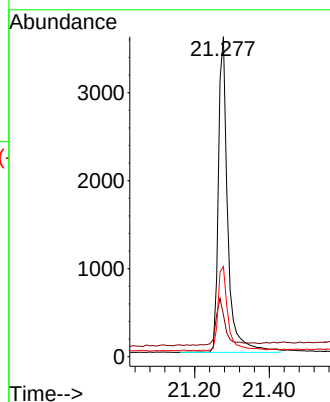
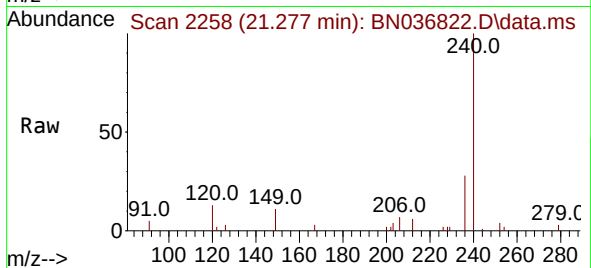
Tgt Ion:240 Resp: 6224

Ion Ratio Lower Upper

240 100

120 13.1 14.6 22.0#

236 28.2 24.1 36.1



#31

Terphenyl-d14

Concen: 0.401 ng

RT: 19.717 min Scan# 2054

Delta R.T. -0.028 min

Lab File: BN036822.D

Acq: 03 Apr 2025 14:49

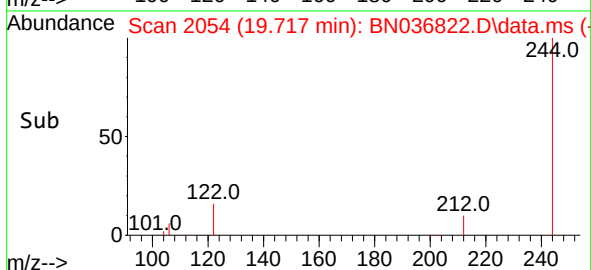
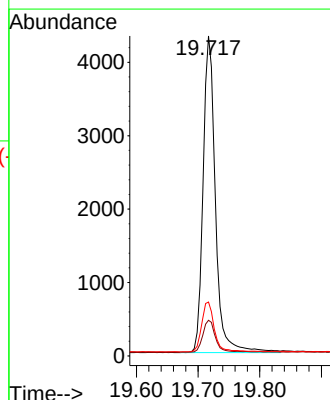
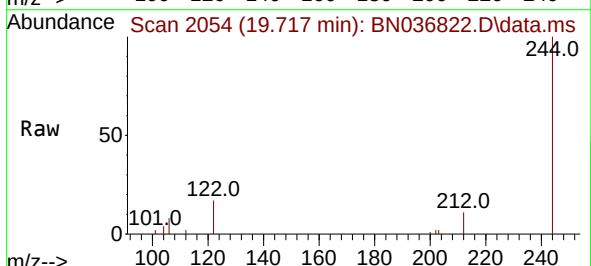
Tgt Ion:244 Resp: 5985

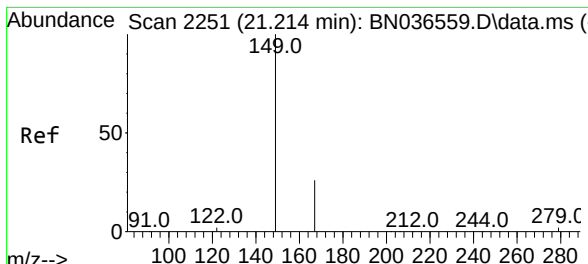
Ion Ratio Lower Upper

244 100

212 11.1 9.6 14.4

122 16.8 13.9 20.9



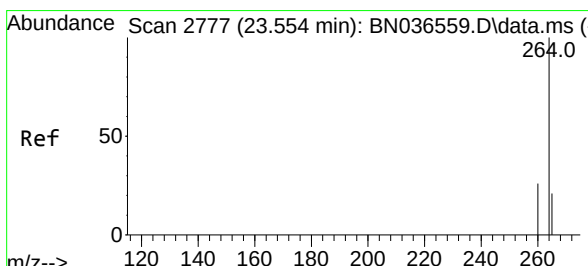
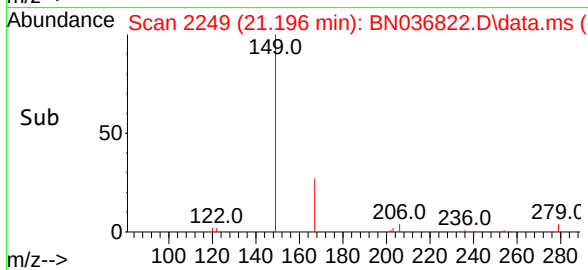
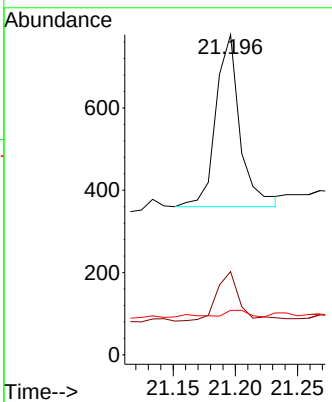
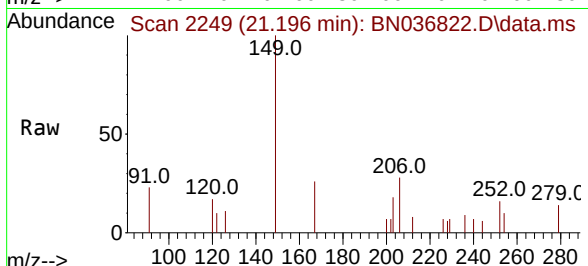


#34
 Bis(2-ethylhexyl)phthalate
 Concen: 0.037 ng
 RT: 21.196 min Scan# 2119
 Delta R.T. -0.018 min
 Lab File: BN036822.D
 Acq: 03 Apr 2025 14:49

Instrument :
 BNA_N
 ClientSampleId :
 IW-02-55-040125

Tgt Ion:149 Resp: 566

Ion	Ratio	Lower	Upper
149	100		
167	27.7	20.7	31.1
279	3.5	3.6	5.4



#35
 Perylene-d12
 Concen: 0.400 ng
 RT: 23.516 min Scan# 2764
 Delta R.T. -0.038 min
 Lab File: BN036822.D
 Acq: 03 Apr 2025 14:49

Tgt Ion:264 Resp: 5856

Ion	Ratio	Lower	Upper
264	100		
260	27.0	22.6	33.8
265	65.9	88.1	132.1

