

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN092524\
 Data File : BN034236.D
 Acq On : 25 Sep 2024 21:59
 Operator : RC/JU
 Sample : P4164-10
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 RE134D4-20240919

Quant Time: Sep 26 04:31:22 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 03:57:12 2024
 Response via : Initial Calibration

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

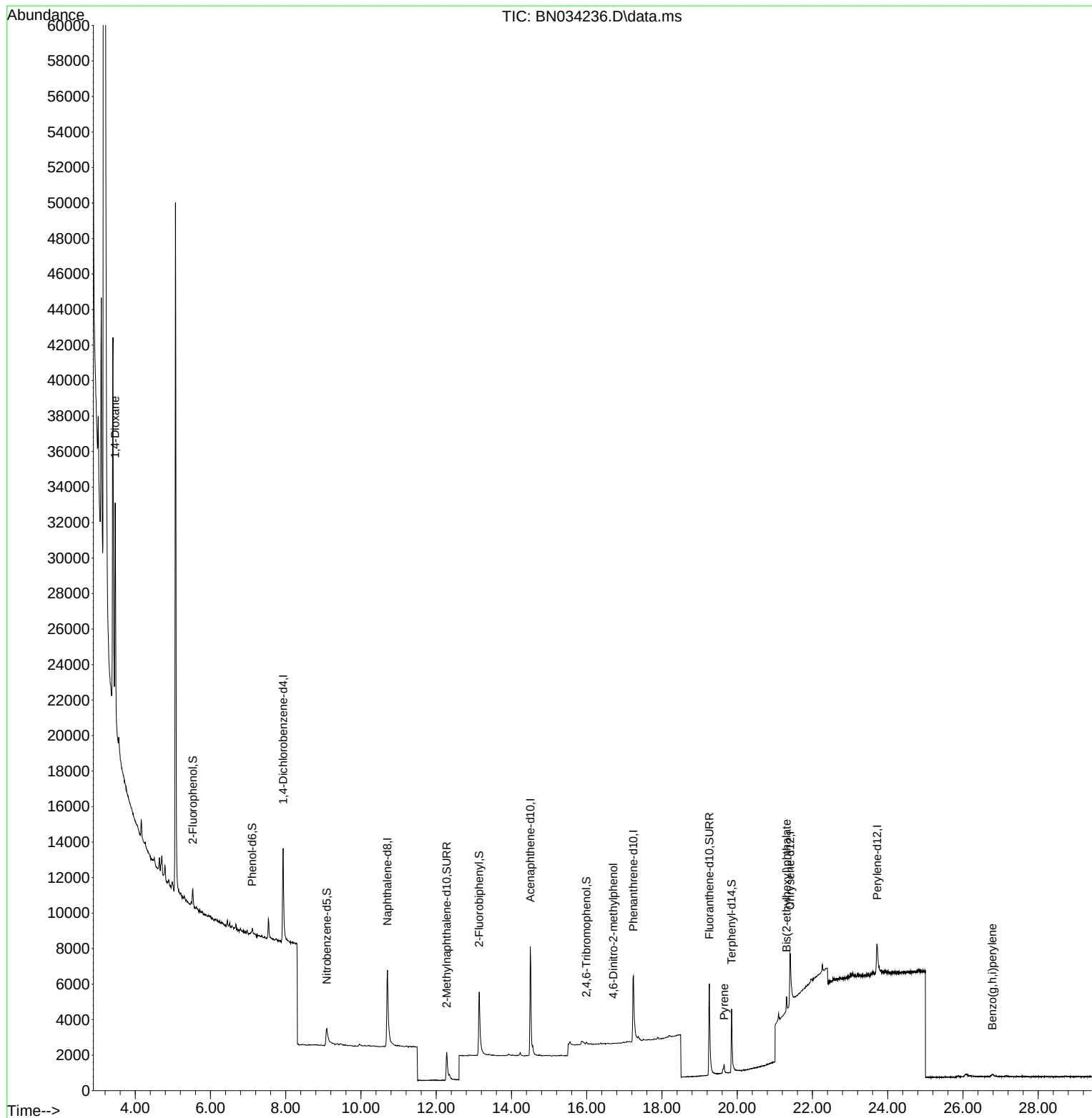
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.929	152	3549	0.400	ng	-0.04
7) Naphthalene-d8	10.703	136	9293	0.400	ng	#-0.04
13) Acenaphthene-d10	14.500	164	4854	0.400	ng	-0.04
19) Phenanthrene-d10	17.243	188	8870	0.400	ng	#-0.04
29) Chrysene-d12	21.411	240	5085	0.400	ng	#-0.03
35) Perylene-d12	23.718	264	4020	0.400	ng	#-0.05
System Monitoring Compounds						
4) 2-Fluorophenol	5.531	112	979	0.097	ng	-0.04
5) Phenol-d6	7.105	99	468	0.040	ng	-0.04
8) Nitrobenzene-d5	9.091	82	1866	0.262	ng	-0.03
11) 2-Methylnaphthalene-d10	12.275	152	3702	0.270	ng	-0.05
14) 2,4,6-Tribromophenol	15.989	330	99	0.045	ng	-0.04
15) 2-Fluorobiphenyl	13.142	172	5623	0.285	ng	-0.04
27) Fluoranthene-d10	19.257	212	8034	0.359	ng	-0.04
31) Terphenyl-d14	19.851	244	5124	0.505	ng	-0.04
Target Compounds						Qvalue
2) 1,4-Dioxane	3.465	88	9067	2.044	ng	# 79
20) 4,6-Dinitro-2-methylph...	16.709	198	2	0.139	ng	# 1
30) Pyrene	19.652	202	583	0.027	ng	97
34) Bis(2-ethylhexyl)phtha...	21.313	149	999	0.149	ng	98
41) Benzo(g,h,i)perylene	26.779	276	314	0.021	ng	# 1

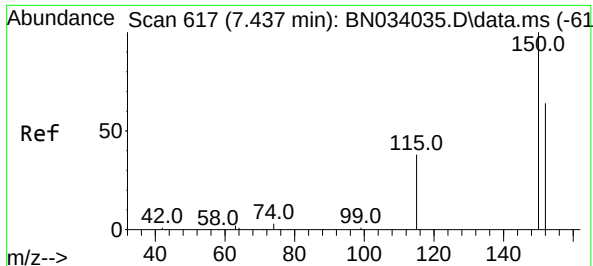
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN092524\
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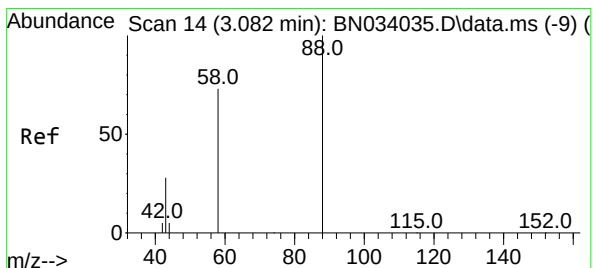
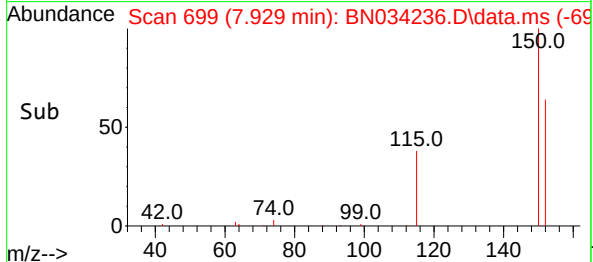
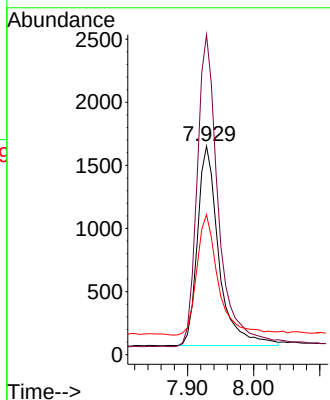
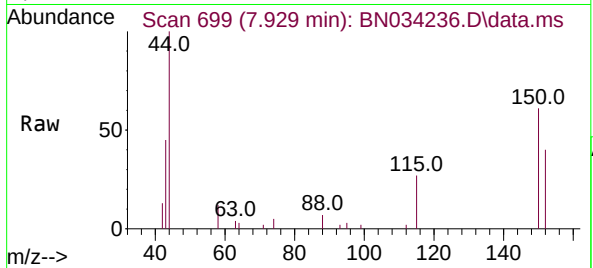




#1
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.929 min Scan# 61
Delta R.T. -0.043 min
Lab File: BN034236.D
Acq: 25 Sep 2024 21:59

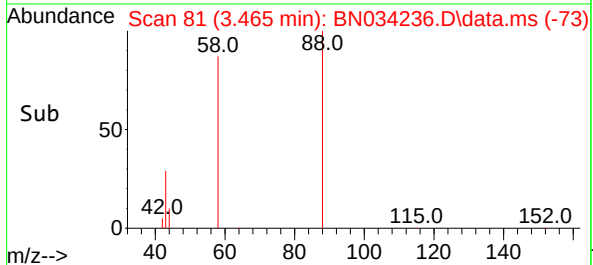
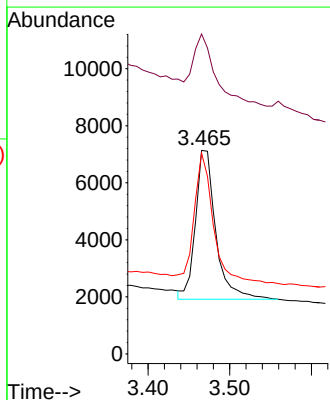
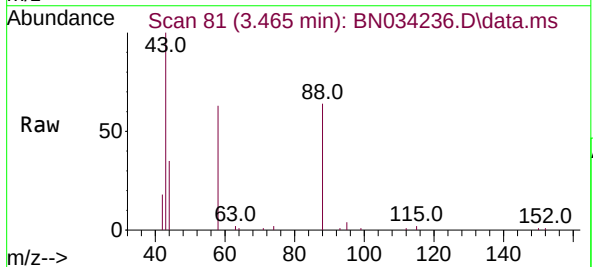
Instrument :
BNA_N
ClientSampleId :
RE134D4-20240919

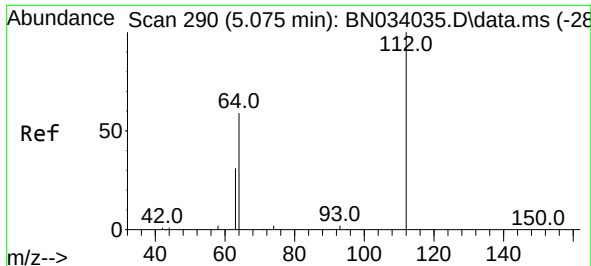
Tgt Ion:152 Resp: 3549
Ion Ratio Lower Upper
152 100
150 153.4 124.6 187.0
115 67.1 50.0 75.0



#2
1,4-Dioxane
Concen: 2.044 ng
RT: 3.465 min Scan# 81
Delta R.T. -0.043 min
Lab File: BN034236.D
Acq: 25 Sep 2024 21:59

Tgt Ion: 88 Resp: 9067
Ion Ratio Lower Upper
88 100
43 55.2 25.8 38.8#
58 84.4 58.8 88.2

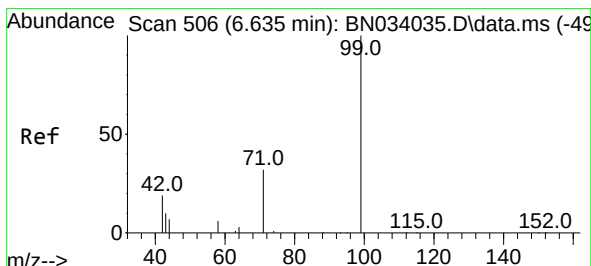
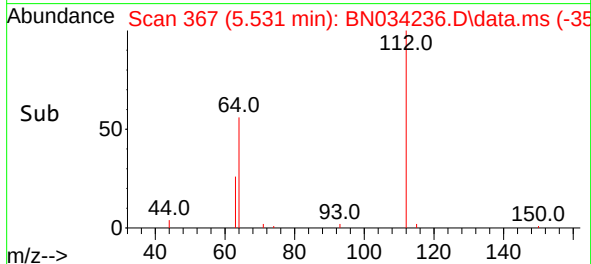
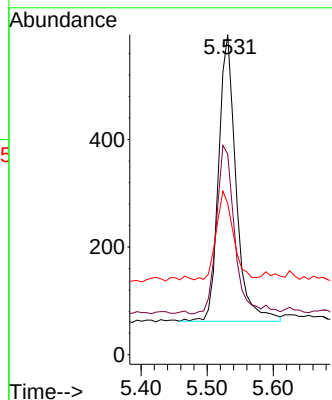
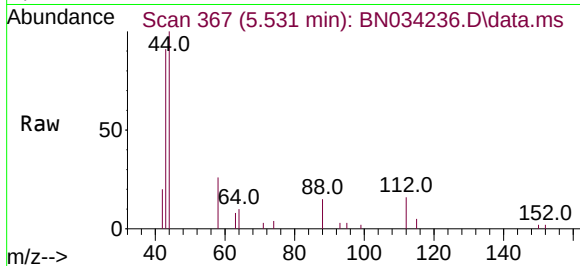




#4
2-Fluorophenol
Concen: 0.097 ng
RT: 5.531 min Scan# 30
Delta R.T. -0.043 min
Lab File: BN034236.D
Acq: 25 Sep 2024 21:59

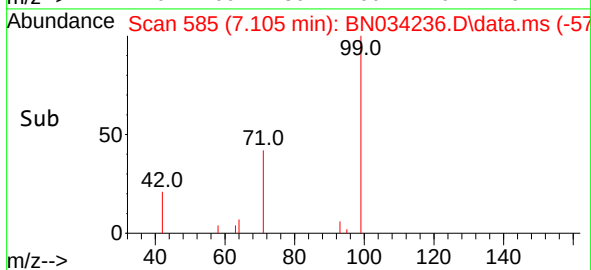
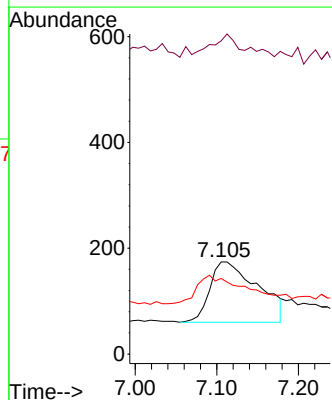
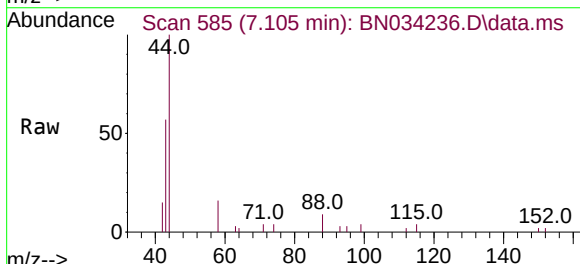
Instrument :
BNA_N
ClientSampleId :
RE134D4-20240919

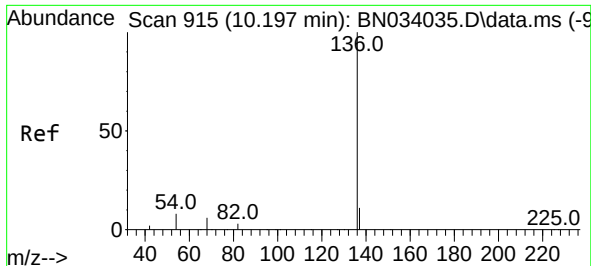
Tgt Ion:112 Resp: 979
Ion Ratio Lower Upper
112 100
64 61.6 48.6 72.8
63 30.0 25.6 38.4



#5
Phenol-d6
Concen: 0.040 ng
RT: 7.105 min Scan# 585
Delta R.T. -0.043 min
Lab File: BN034236.D
Acq: 25 Sep 2024 21:59

Tgt Ion: 99 Resp: 468
Ion Ratio Lower Upper
99 100
42 16.5 17.8 26.8#
71 0.0 26.2 39.2#

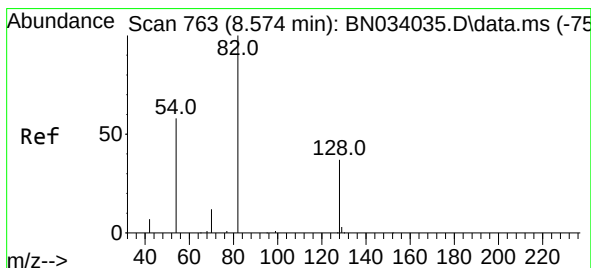
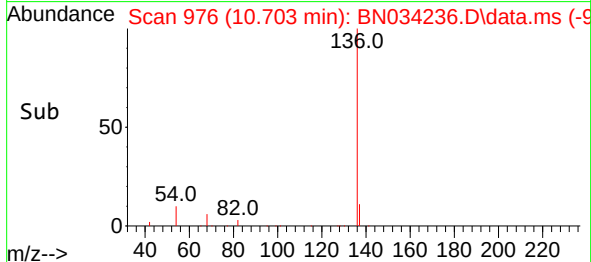
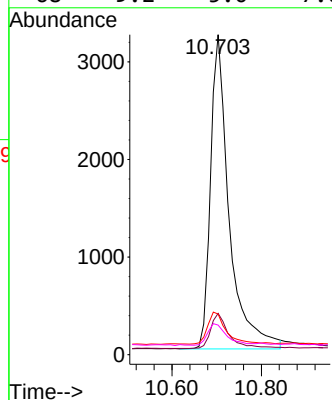
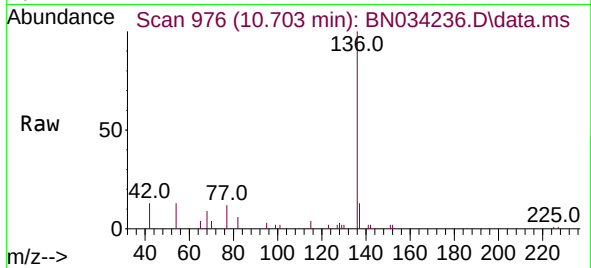




#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.703 min Scan# 915
Delta R.T. -0.043 min
Lab File: BN034236.D
Acq: 25 Sep 2024 21:59

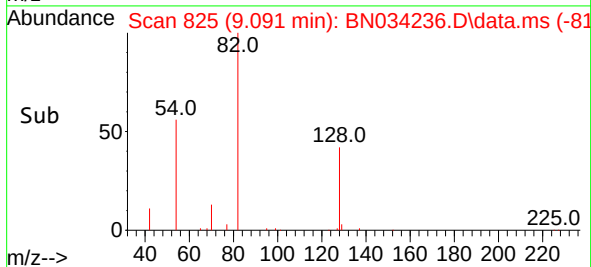
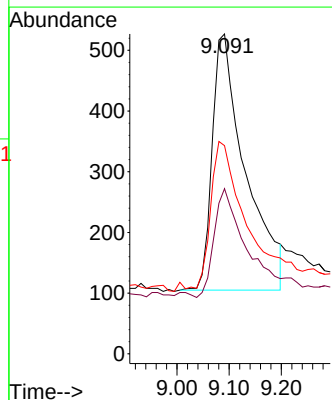
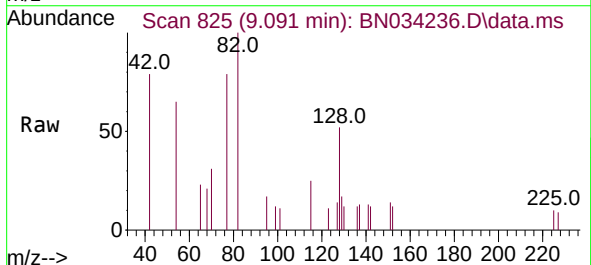
Instrument :
BNA_N
ClientSampleId :
RE134D4-20240919

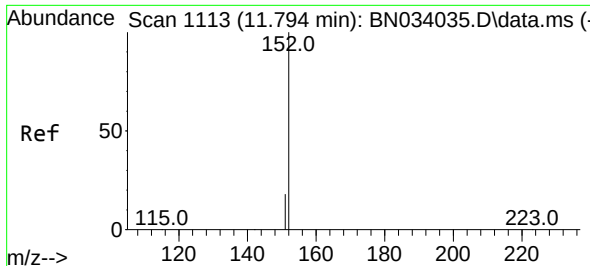
Tgt Ion:	136	Resp:	9293
Ion Ratio	Lower	Upper	
136	100		
137	12.9	9.0	13.6
54	12.7	6.8	10.2#
68	9.2	5.0	7.6#



#8
Nitrobenzene-d5
Concen: 0.262 ng
RT: 9.091 min Scan# 825
Delta R.T. -0.032 min
Lab File: BN034236.D
Acq: 25 Sep 2024 21:59

Tgt Ion:	82	Resp:	1866
Ion Ratio	Lower	Upper	
82	100		
128	51.6	31.4	47.2#
54	65.1	47.4	71.0





#11

2-Methylnaphthalene-d10

Concen: 0.270 ng

RT: 12.275 min Scan# 1113

Delta R.T. -0.049 min

Lab File: BN034236.D

Acq: 25 Sep 2024 21:59

Instrument :

BNA_N

ClientSampleId :

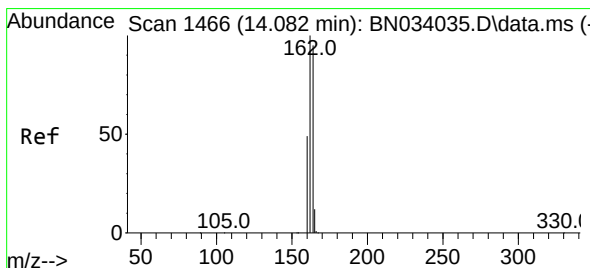
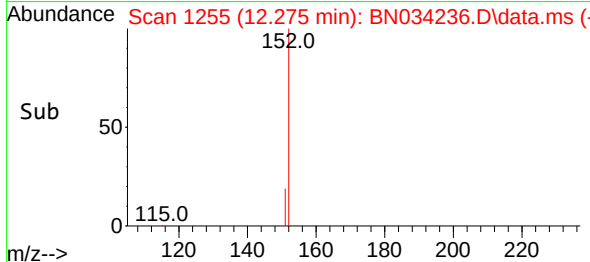
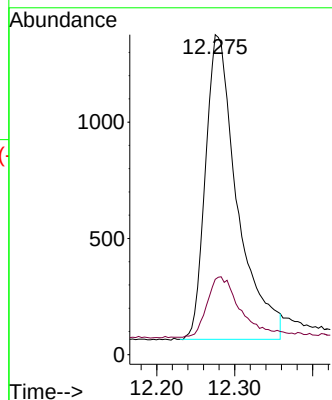
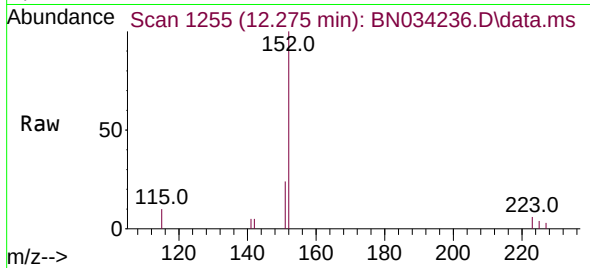
RE134D4-20240919

Tgt Ion:152 Resp: 3702

Ion Ratio Lower Upper

152 100

151 20.5 16.8 25.2



#13

Acenaphthene-d10

Concen: 0.400 ng

RT: 14.500 min Scan# 1520

Delta R.T. -0.043 min

Lab File: BN034236.D

Acq: 25 Sep 2024 21:59

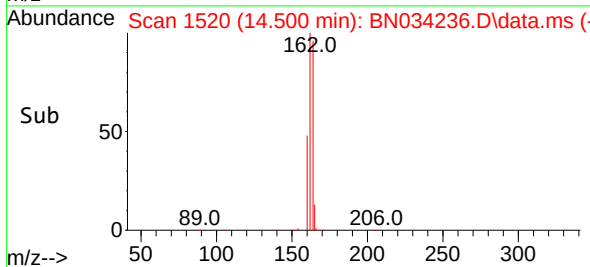
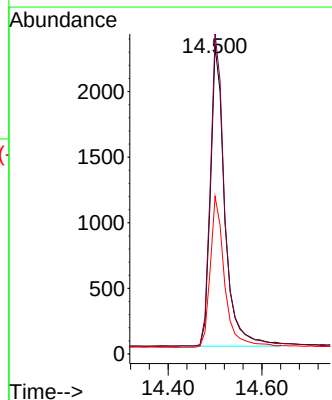
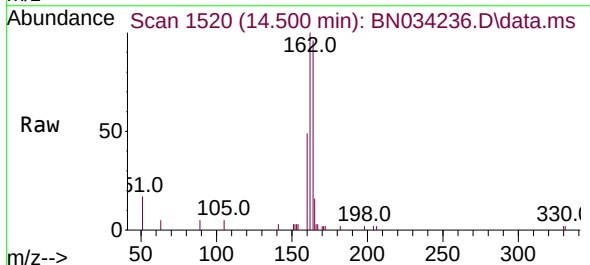
Tgt Ion:164 Resp: 4854

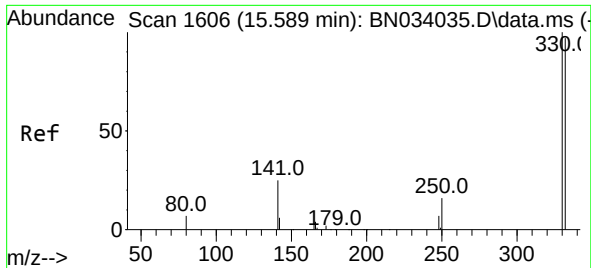
Ion Ratio Lower Upper

164 100

162 104.0 84.2 126.2

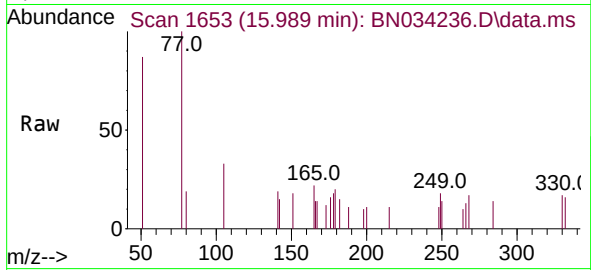
160 51.2 41.7 62.5



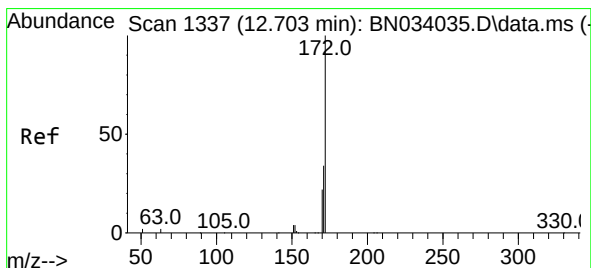
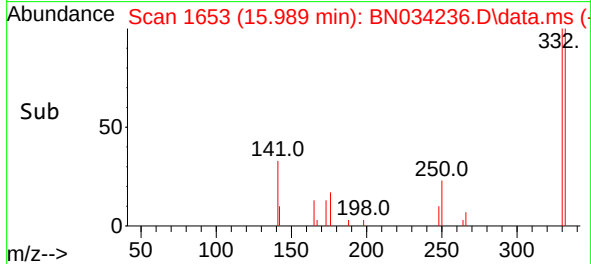
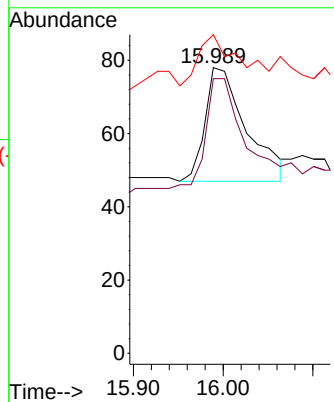


#14
2,4,6-Tribromophenol
Concen: 0.045 ng
RT: 15.989 min Scan# 1
Delta R.T. -0.037 min
Lab File: BN034236.D
Acq: 25 Sep 2024 21:59

Instrument :
BNA_N
ClientSampleId :
RE134D4-20240919

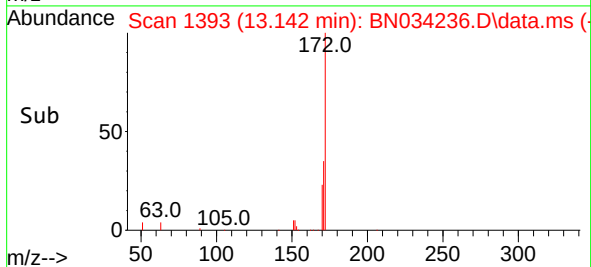
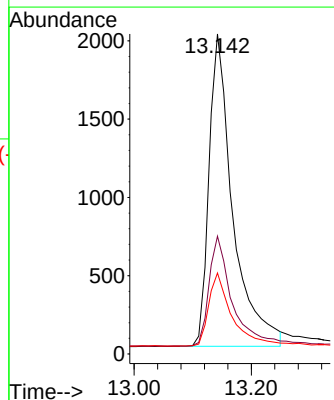
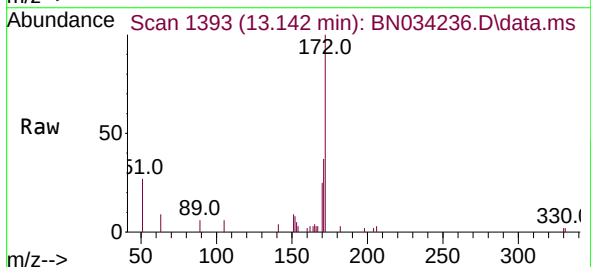


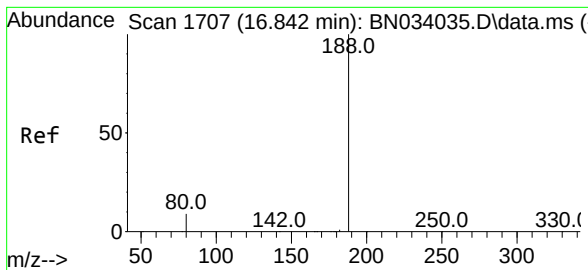
Tgt Ion:330 Resp: 99
Ion Ratio Lower Upper
330 100
332 92.9 77.4 116.0
141 45.5 35.9 53.9



#15
2-Fluorobiphenyl
Concen: 0.285 ng
RT: 13.142 min Scan# 1393
Delta R.T. -0.043 min
Lab File: BN034236.D
Acq: 25 Sep 2024 21:59

Tgt Ion:172 Resp: 5623
Ion Ratio Lower Upper
172 100
171 36.8 27.3 40.9
170 25.3 18.1 27.1





#19

Phenanthrene-d10

Concen: 0.400 ng

RT: 17.243 min Scan# 1711

Delta R.T. -0.037 min

Lab File: BN034236.D

Acq: 25 Sep 2024 21:59

Instrument :

BNA_N

ClientSampleId :

RE134D4-20240919

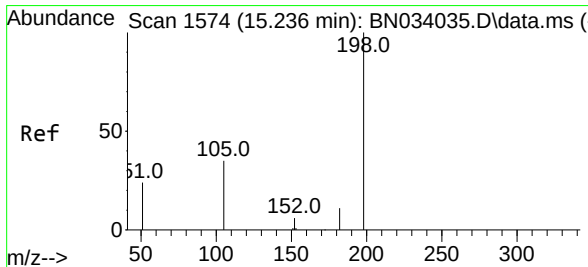
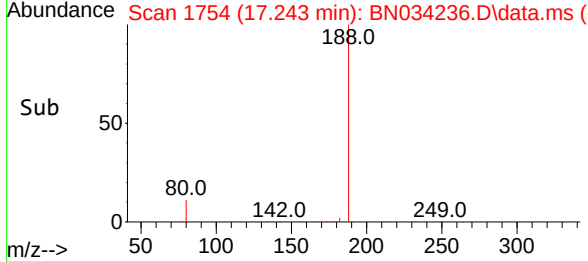
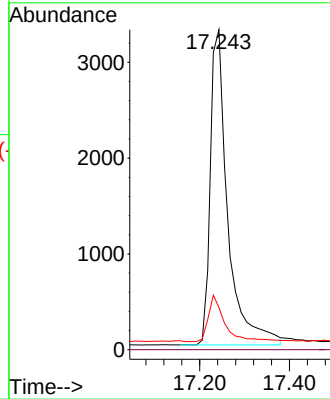
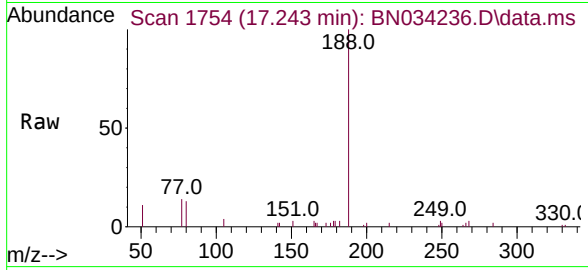
Tgt Ion:188 Resp: 8870

Ion Ratio Lower Upper

188 100

94 0.0 0.0 0.0

80 13.2 7.4 11.0#



#20

4,6-Dinitro-2-methylphenol

Concen: 0.139 ng

RT: 16.709 min Scan# 1711

Delta R.T. -0.037 min

Lab File: BN034236.D

Acq: 25 Sep 2024 21:59

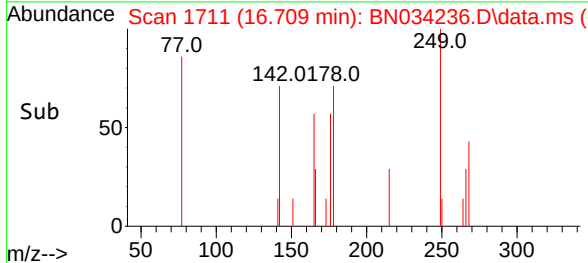
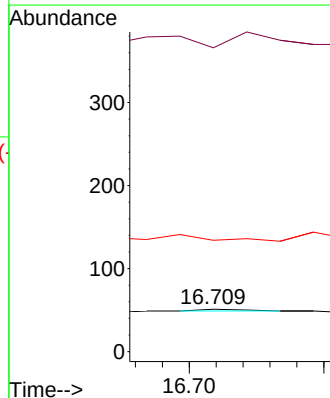
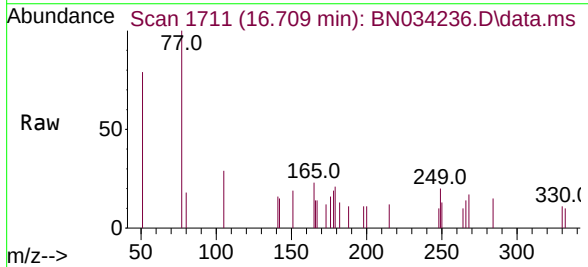
Tgt Ion:198 Resp: 2

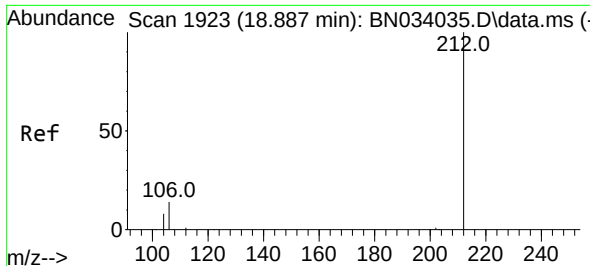
Ion Ratio Lower Upper

198 100

51 717.6 106.4 159.6#

105 262.7 38.5 57.7#

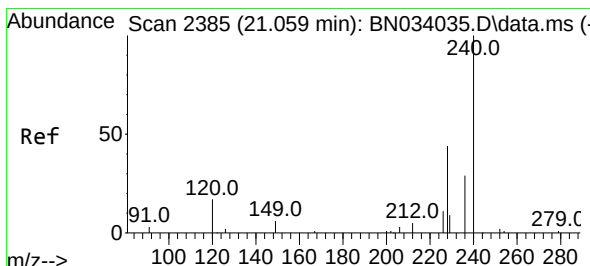
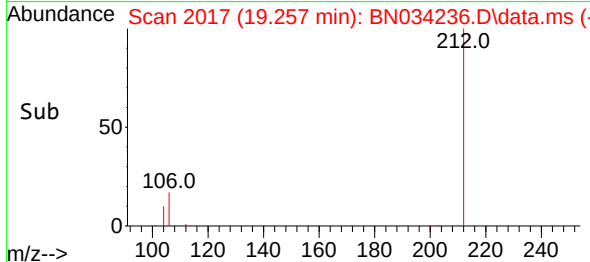
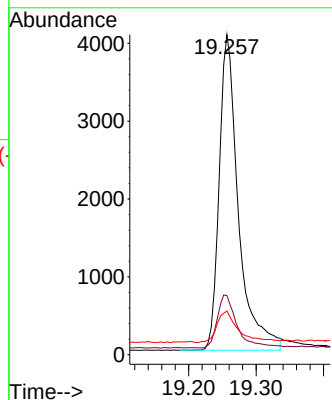
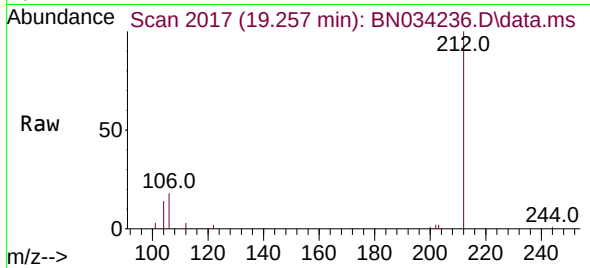




#27
Fluoranthene-d10
Concen: 0.359 ng
RT: 19.257 min Scan# 2017
Delta R.T. -0.037 min
Lab File: BN034236.D
Acq: 25 Sep 2024 21:59

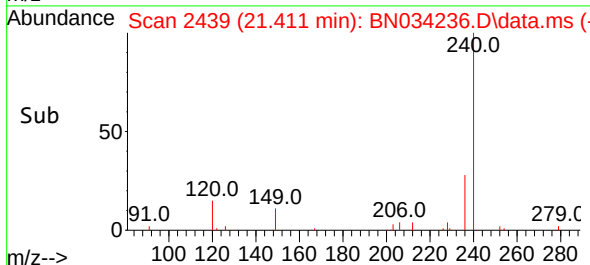
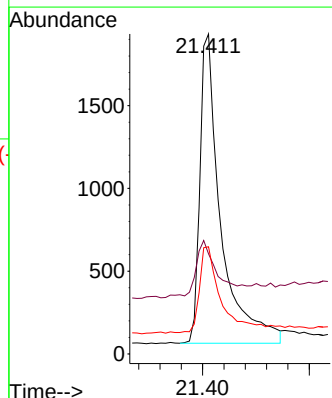
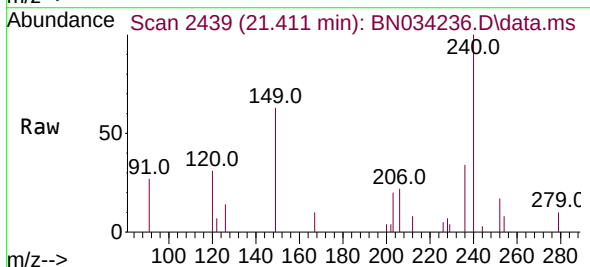
Instrument :
BNA_N
ClientSampleId :
RE134D4-20240919

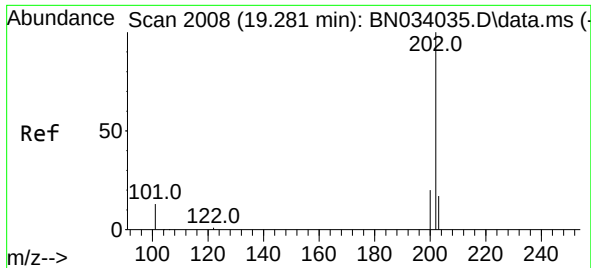
Tgt Ion:212 Resp: 8034
Ion Ratio Lower Upper
212 100
106 17.3 13.4 20.2
104 11.2 7.8 11.6



#29
Chrysene-d12
Concen: 0.400 ng
RT: 21.411 min Scan# 2439
Delta R.T. -0.027 min
Lab File: BN034236.D
Acq: 25 Sep 2024 21:59

Tgt Ion:240 Resp: 5085
Ion Ratio Lower Upper
240 100
120 31.3 13.5 20.3#
236 33.5 23.4 35.0

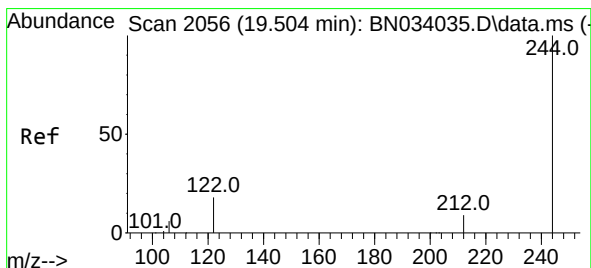
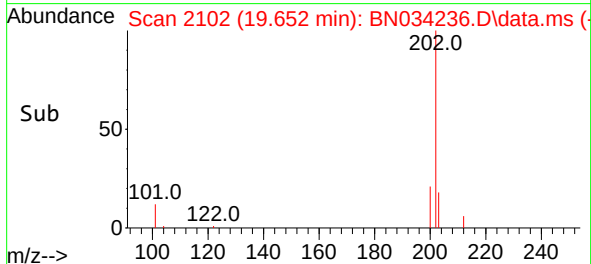
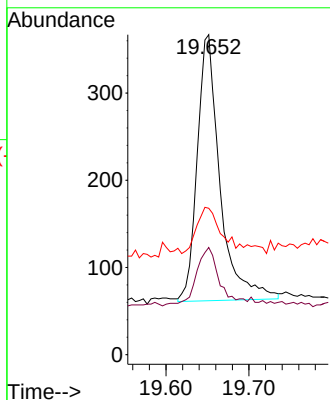
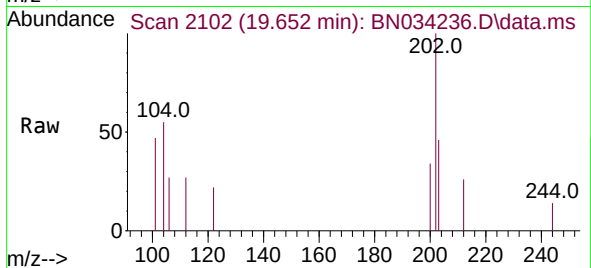




#30
 Pyrene
 Concen: 0.027 ng
 RT: 19.652 min Scan# 2110
 Delta R.T. -0.033 min
 Lab File: BN034236.D
 Acq: 25 Sep 2024 21:59

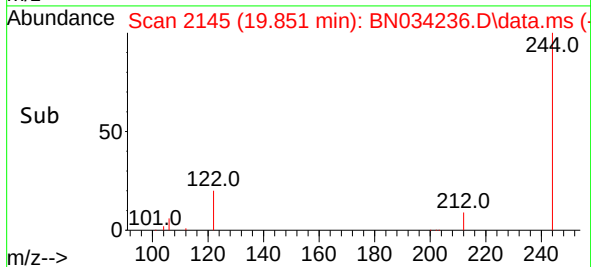
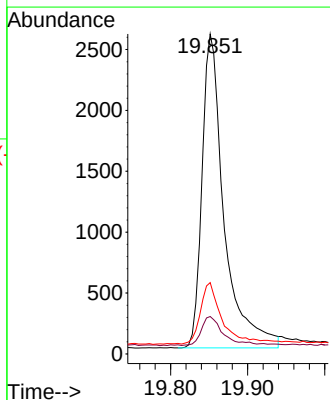
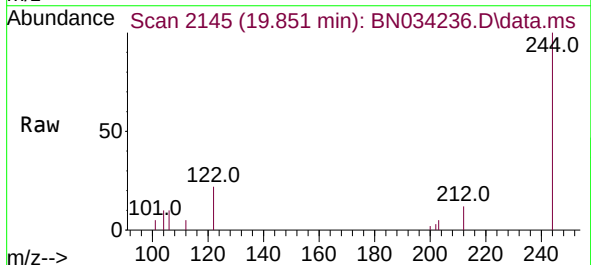
Instrument :
 BNA_N
 ClientSampleId :
 RE134D4-20240919

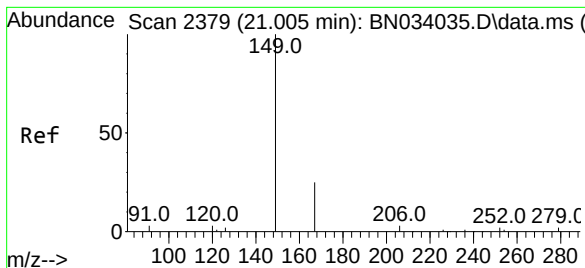
Tgt Ion:202 Resp: 583
 Ion Ratio Lower Upper
 202 100
 200 22.5 16.6 25.0
 203 18.5 14.3 21.5



#31
 Terphenyl-d14
 Concen: 0.505 ng
 RT: 19.851 min Scan# 2145
 Delta R.T. -0.037 min
 Lab File: BN034236.D
 Acq: 25 Sep 2024 21:59

Tgt Ion:244 Resp: 5124
 Ion Ratio Lower Upper
 244 100
 212 11.7 7.8 11.6#
 122 22.3 14.8 22.2#

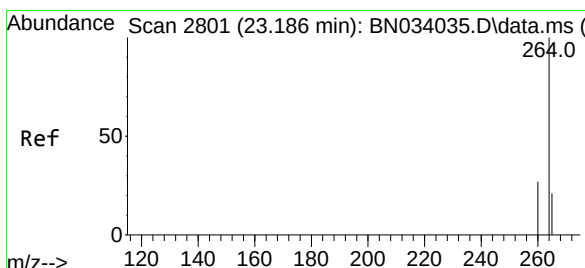
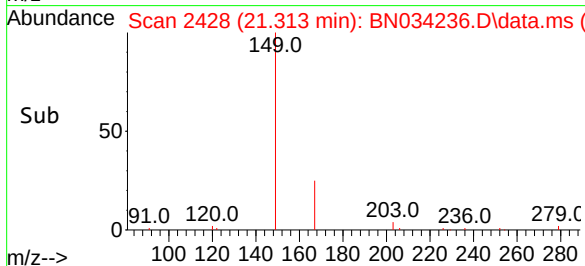
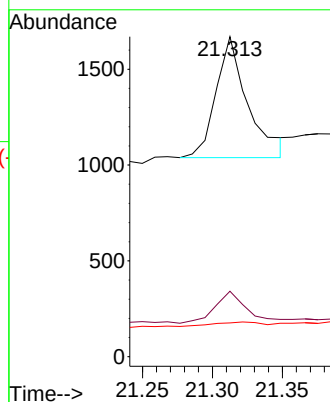
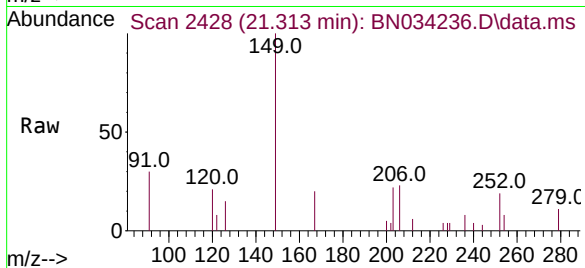




#34
 Bis(2-ethylhexyl)phthalate
 Concen: 0.149 ng
 RT: 21.313 min Scan# 2428
 Delta R.T. -0.027 min
 Lab File: BN034236.D
 Acq: 25 Sep 2024 21:59

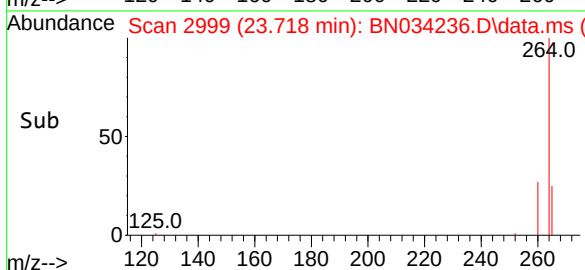
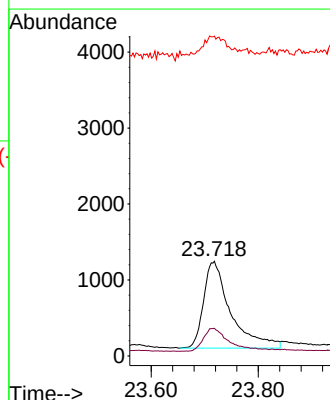
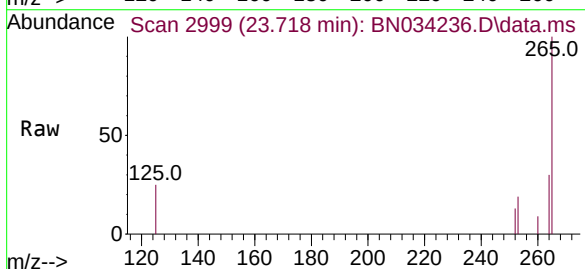
Instrument :
 BNA_N
 ClientSampleId :
 RE134D4-20240919

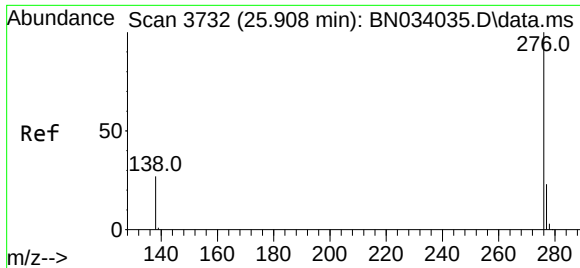
Tgt Ion:	149	Resp:	999
Ion Ratio	Lower	Upper	
149	100		
167	26.2	19.9	29.9
279	5.3	4.6	6.8



#35
 Perylene-d12
 Concen: 0.400 ng
 RT: 23.718 min Scan# 2999
 Delta R.T. -0.050 min
 Lab File: BN034236.D
 Acq: 25 Sep 2024 21:59

Tgt Ion:	264	Resp:	4020
Ion Ratio	Lower	Upper	
264	100		
260	29.2	21.7	32.5
265	337.5	52.1	78.1





#41

Benzo(g,h,i)perylene

Concen: 0.021 ng

RT: 26.779 min Scan# 4046

Delta R.T. -0.073 min

Lab File: BN034236.D

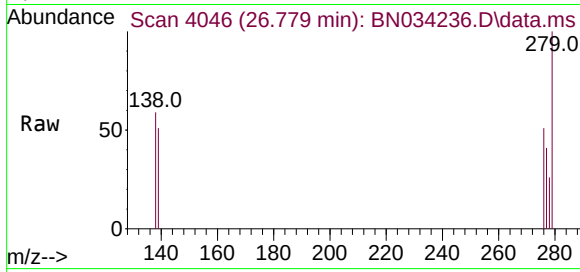
Acq: 25 Sep 2024 21:59

Instrument :

BNA_N

ClientSampleId :

RE134D4-20240919



Tgt Ion:276 Resp: 314

Ion Ratio Lower Upper

276 100

277 81.6 19.3 28.9#

138 116.3 22.6 34.0#

