

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN092524\
 Data File : BN034237.D
 Acq On : 25 Sep 2024 22:35
 Operator : RC/JU
 Sample : P4164-11
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 RE139D2-20240920

Quant Time: Sep 26 04:31:37 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 03:57:12 2024
 Response via : Initial Calibration

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

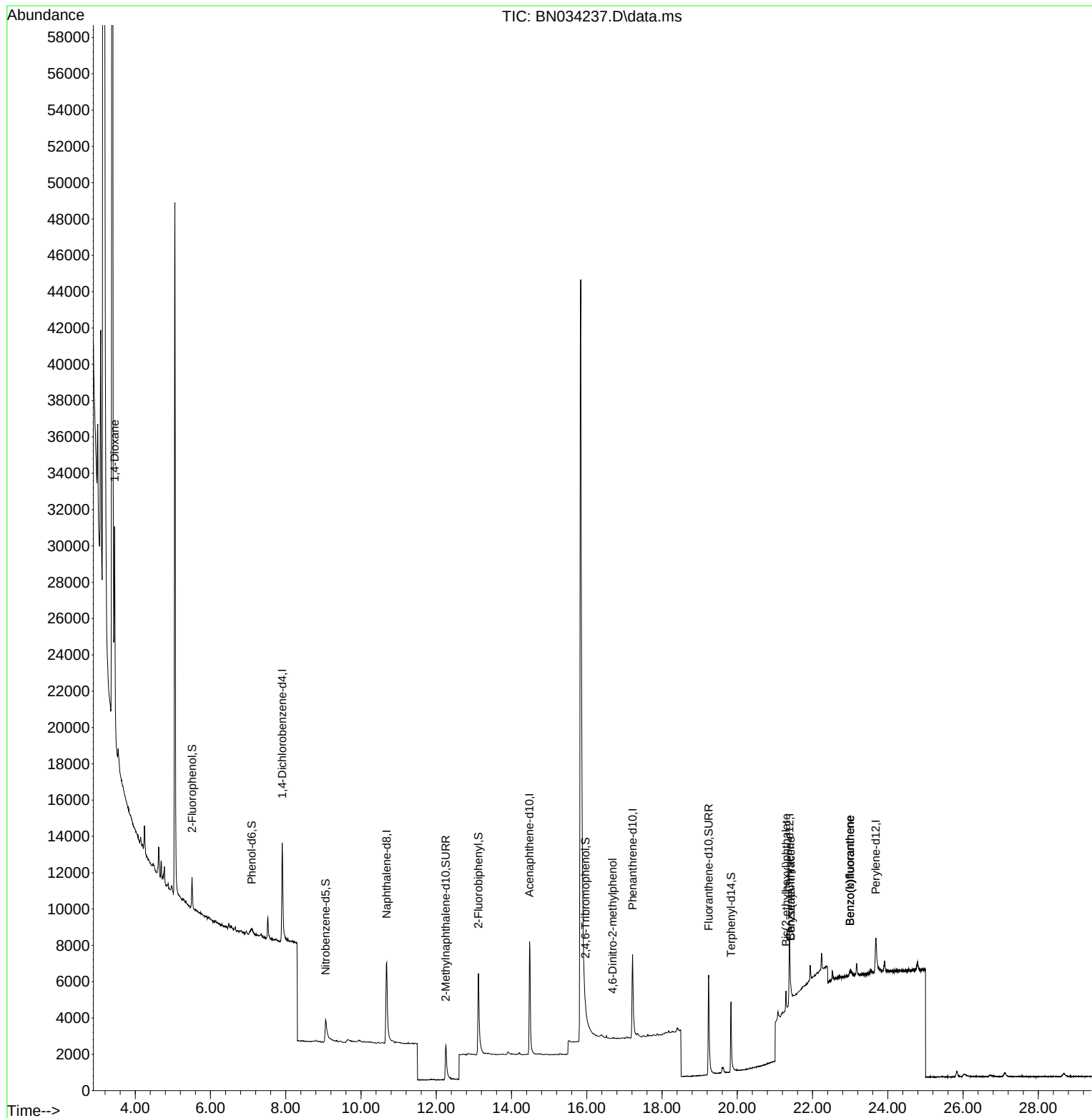
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.907	152	3377	0.400	ng	-0.06
7) Naphthalene-d8	10.682	136	9710	0.400	ng	#-0.06
13) Acenaphthene-d10	14.479	164	4984	0.400	ng	-0.06
19) Phenanthrene-d10	17.218	188	9318	0.400	ng	#-0.06
29) Chrysene-d12	21.384	240	5305	0.400	ng	#-0.05
35) Perylene-d12	23.680	264	4271	0.400	ng	#-0.09
System Monitoring Compounds						
4) 2-Fluorophenol	5.509	112	1567	0.164	ng	-0.06
5) Phenol-d6	7.091	99	663	0.059	ng	-0.06
8) Nitrobenzene-d5	9.059	82	2230	0.300	ng	-0.06
11) 2-Methylnaphthalene-d10	12.252	152	4347	0.303	ng	-0.07
14) 2,4,6-Tribromophenol	15.964	330	112	0.050	ng	-0.06
15) 2-Fluorobiphenyl	13.121	172	6618	0.326	ng	-0.06
27) Fluoranthene-d10	19.238	212	8271	0.352	ng	-0.06
31) Terphenyl-d14	19.833	244	5291	0.499	ng	-0.06
Target Compounds						Qvalue
2) 1,4-Dioxane	3.451	88	7894	1.870	ng	# 77
20) 4,6-Dinitro-2-methylph...	16.684	198	3	0.139	ng	# 1
32) Benzo(a)anthracene	21.420	228	608	0.036	ng	# 49
33) Chrysene	21.420	228	740	0.037	ng	# 53
34) Bis(2-ethylhexyl)phtha...	21.295	149	1127	0.161	ng	96
37) Benzo(b)fluoranthene	22.996	252	651	0.039	ng	# 1
38) Benzo(k)fluoranthene	22.996	252	651	0.037	ng	# 1

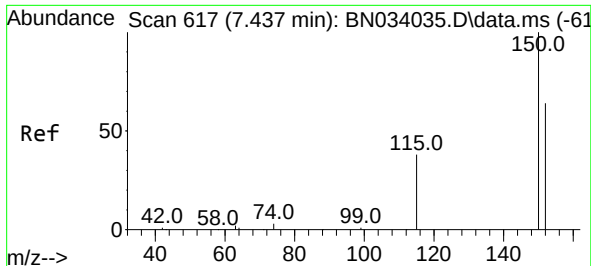
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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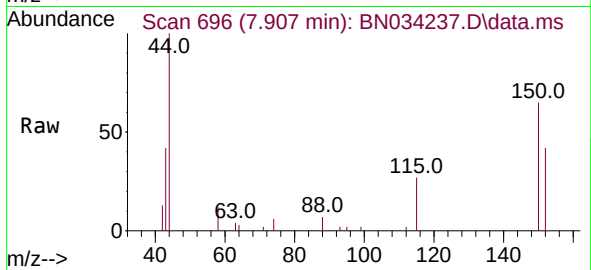
Quant Time: Sep 26 04:31:37 2024
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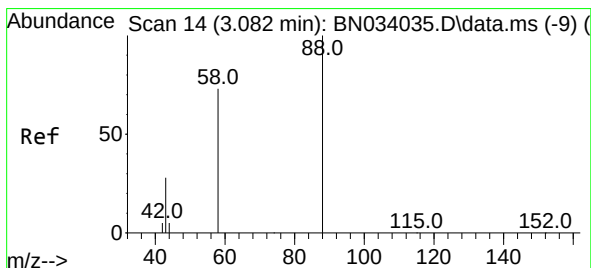
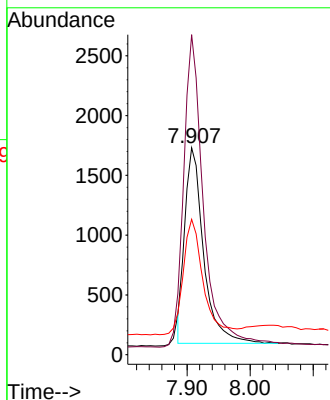
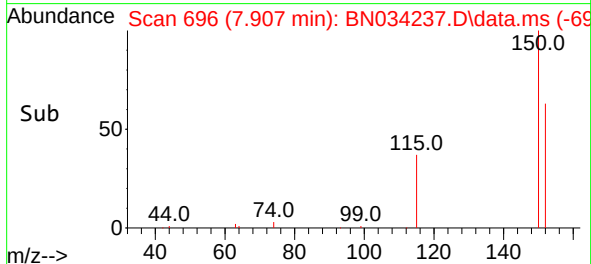


#1
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.907 min Scan# 61
Delta R.T. -0.065 min
Lab File: BN034237.D
Acq: 25 Sep 2024 22:35

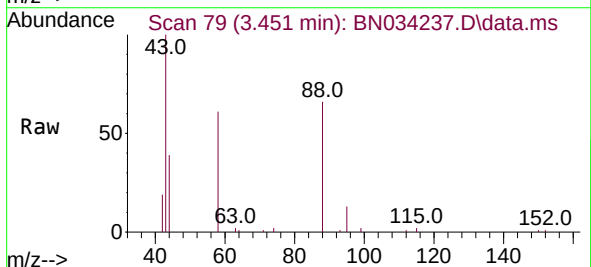
Instrument :
BNA_N
ClientSampleId :
RE139D2-20240920



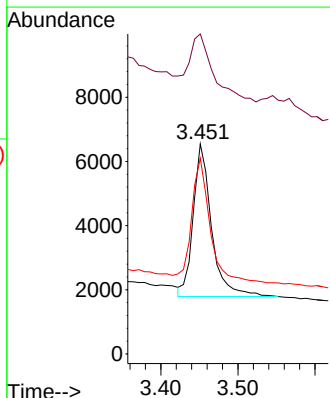
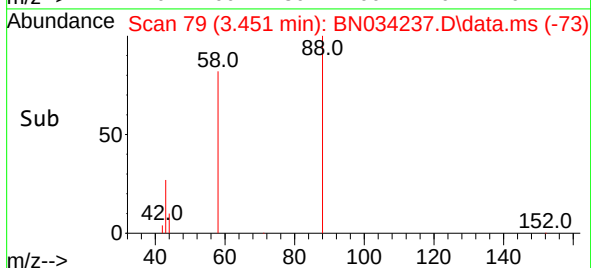
Tgt Ion:152 Resp: 3377
Ion Ratio Lower Upper
152 100
150 154.7 124.6 187.0
115 65.5 50.0 75.0

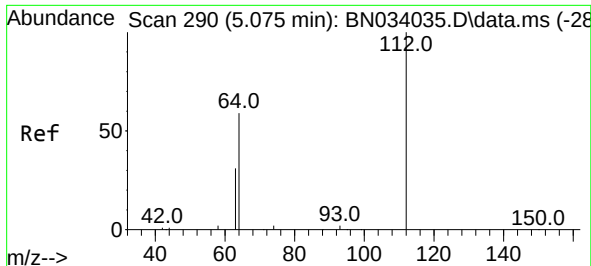


#2
1,4-Dioxane
Concen: 1.870 ng
RT: 3.451 min Scan# 79
Delta R.T. -0.058 min
Lab File: BN034237.D
Acq: 25 Sep 2024 22:35



Tgt Ion: 88 Resp: 7894
Ion Ratio Lower Upper
88 100
43 60.3 25.8 38.8
58 82.6 58.8 88.2

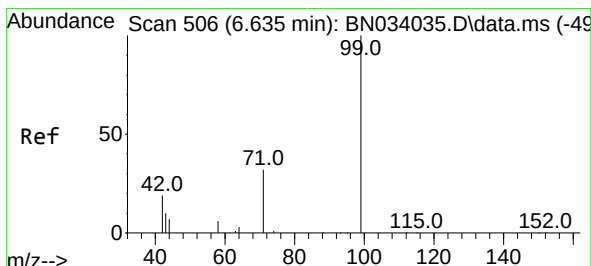
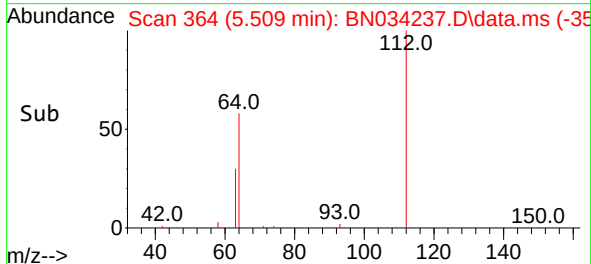
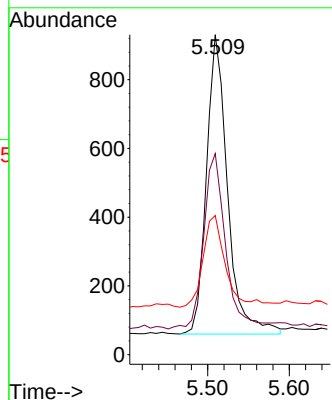
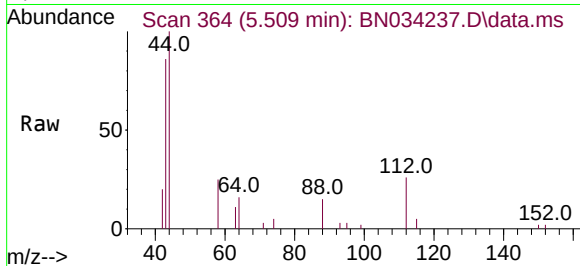




#4
2-Fluorophenol
Concen: 0.164 ng
RT: 5.509 min Scan# 30
Delta R.T. -0.065 min
Lab File: BN034237.D
Acq: 25 Sep 2024 22:35

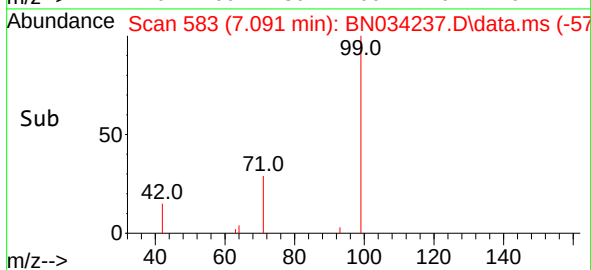
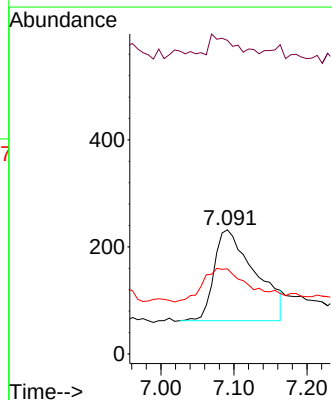
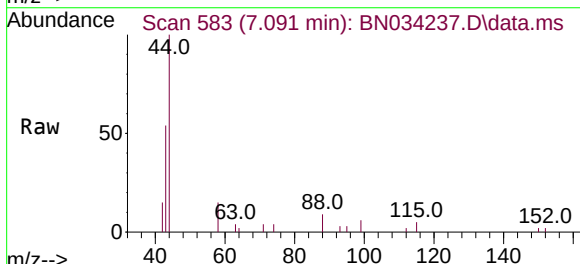
Instrument :
BNA_N
ClientSampleId :
RE139D2-20240920

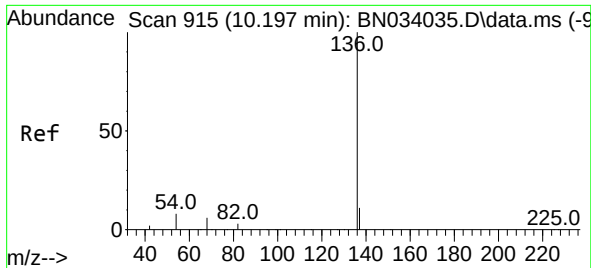
Tgt Ion:112 Resp: 1567
Ion Ratio Lower Upper
112 100
64 61.1 48.6 72.8
63 33.1 25.6 38.4



#5
Phenol-d6
Concen: 0.059 ng
RT: 7.091 min Scan# 583
Delta R.T. -0.058 min
Lab File: BN034237.D
Acq: 25 Sep 2024 22:35

Tgt Ion: 99 Resp: 663
Ion Ratio Lower Upper
99 100
42 0.0 17.8 26.8#
71 0.0 26.2 39.2#

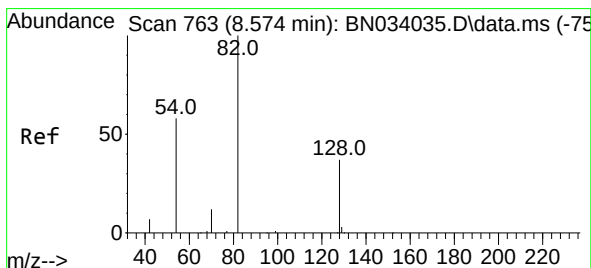
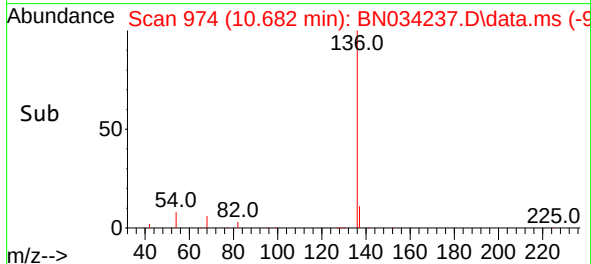
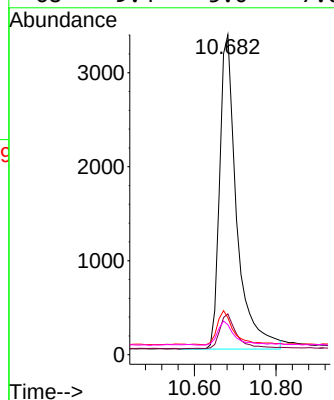
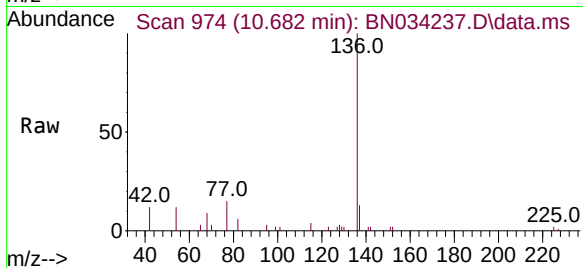




#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.682 min Scan# 915
Delta R.T. -0.064 min
Lab File: BN034237.D
Acq: 25 Sep 2024 22:35

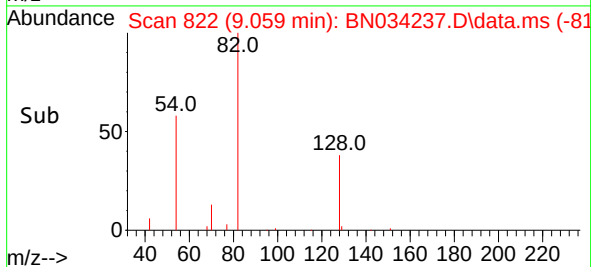
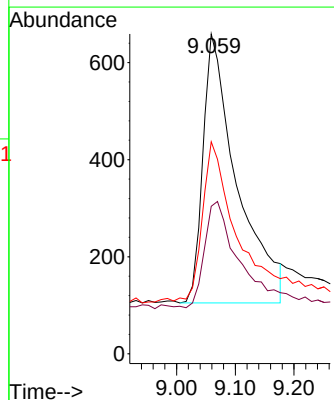
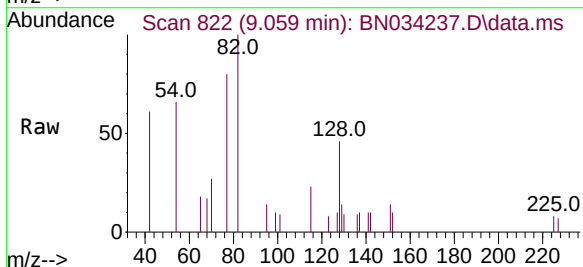
Instrument :
BNA_N
ClientSampleId :
RE139D2-20240920

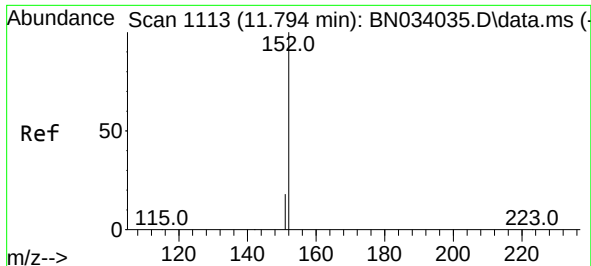
Tgt Ion:	136	Resp:	9710
Ion	Ratio	Lower	Upper
136	100		
137	12.7	9.0	13.6
54	11.5	6.8	10.2#
68	9.4	5.0	7.6#



#8
Nitrobenzene-d5
Concen: 0.300 ng
RT: 9.059 min Scan# 822
Delta R.T. -0.064 min
Lab File: BN034237.D
Acq: 25 Sep 2024 22:35

Tgt Ion:	82	Resp:	2230
Ion	Ratio	Lower	Upper
82	100		
128	46.1	31.4	47.2
54	66.3	47.4	71.0





#11

2-Methylnaphthalene-d10

Concen: 0.303 ng

RT: 12.252 min Scan# 1518

Delta R.T. -0.072 min

Lab File: BN034237.D

Acq: 25 Sep 2024 22:35

Instrument :

BNA_N

ClientSampleId :

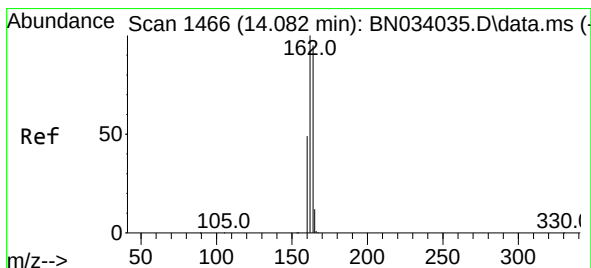
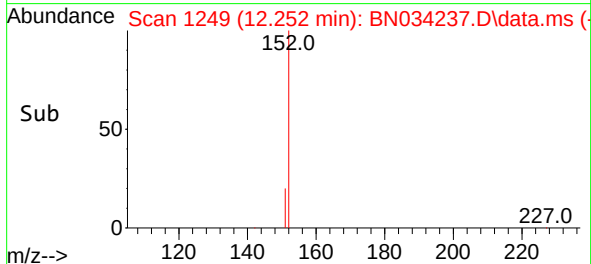
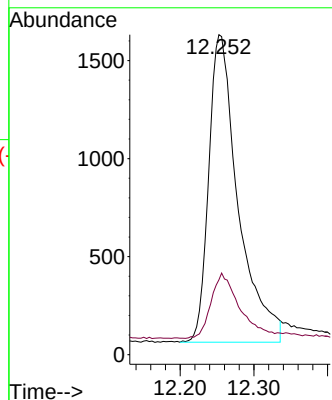
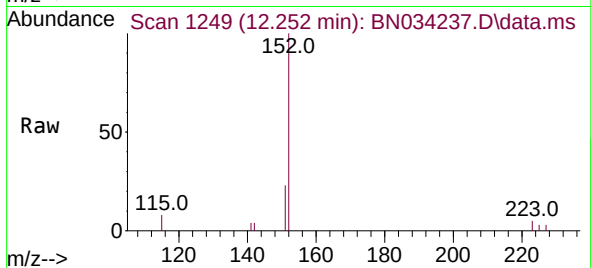
RE139D2-20240920

Tgt Ion:152 Resp: 4347

Ion Ratio Lower Upper

152 100

151 21.0 16.8 25.2



#13

Acenaphthene-d10

Concen: 0.400 ng

RT: 14.479 min Scan# 1518

Delta R.T. -0.064 min

Lab File: BN034237.D

Acq: 25 Sep 2024 22:35

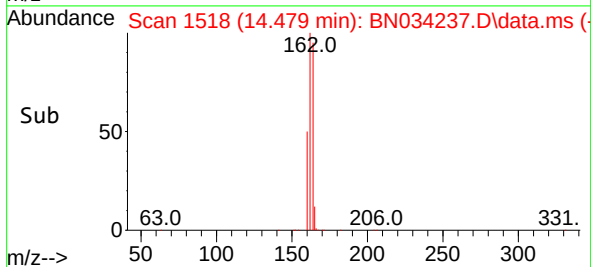
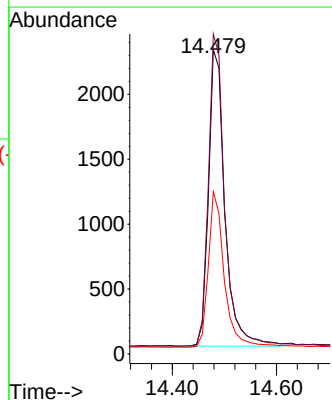
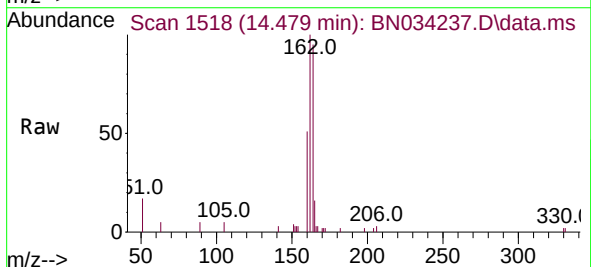
Tgt Ion:164 Resp: 4984

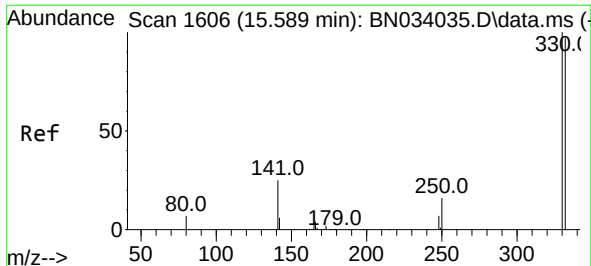
Ion Ratio Lower Upper

164 100

162 105.1 84.2 126.2

160 53.3 41.7 62.5

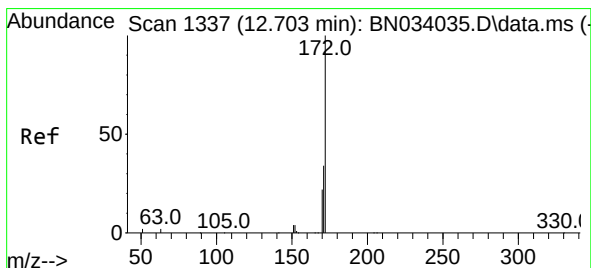
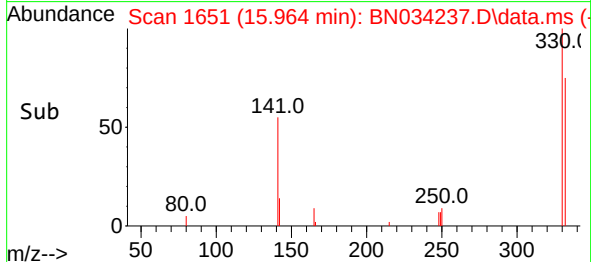
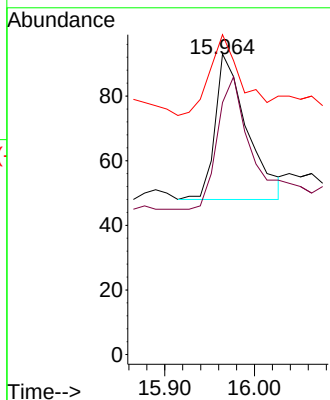
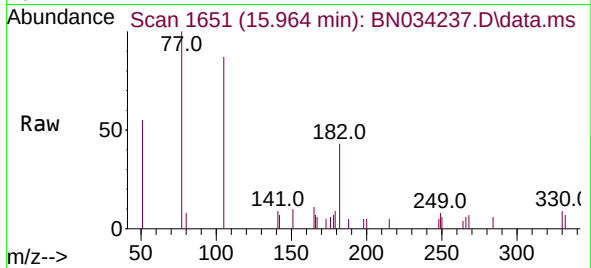




#14
2,4,6-Tribromophenol
Concen: 0.050 ng
RT: 15.964 min Scan# 1
Delta R.T. -0.062 min
Lab File: BN034237.D
Acq: 25 Sep 2024 22:35

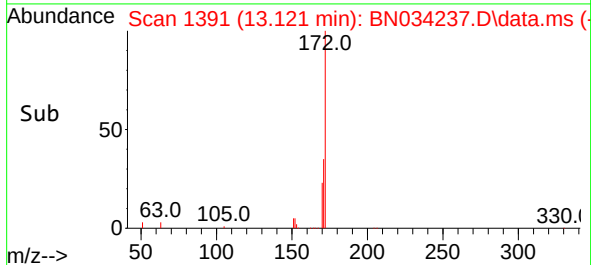
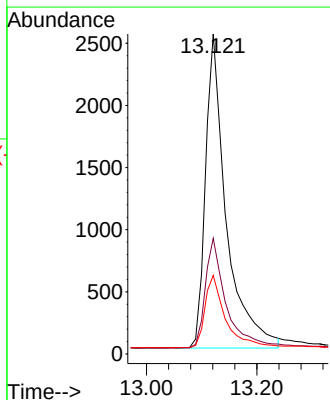
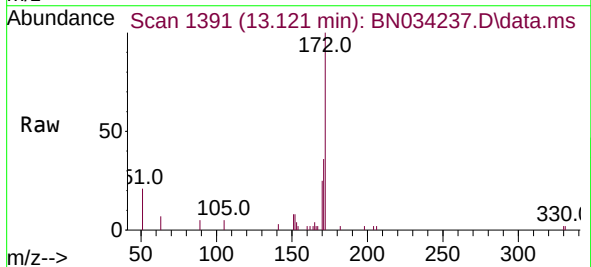
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BNA_N
ClientSampleId :
RE139D2-20240920

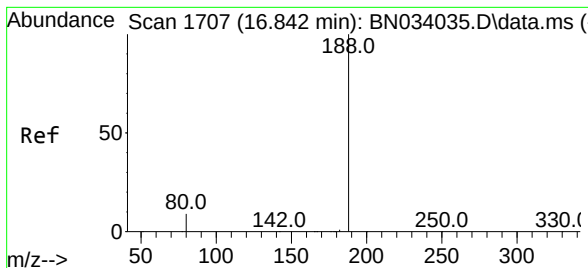
Tgt Ion:330 Resp: 112
Ion Ratio Lower Upper
330 100
332 104.5 77.4 116.0
141 54.5 35.9 53.9#



#15
2-Fluorobiphenyl
Concen: 0.326 ng
RT: 13.121 min Scan# 1391
Delta R.T. -0.064 min
Lab File: BN034237.D
Acq: 25 Sep 2024 22:35

Tgt Ion:172 Resp: 6618
Ion Ratio Lower Upper
172 100
171 36.2 27.3 40.9
170 24.6 18.1 27.1





#19

Phenanthrene-d10

Concen: 0.400 ng

RT: 17.218 min Scan# 1

Delta R.T. -0.062 min

Lab File: BN034237.D

Acq: 25 Sep 2024 22:35

Instrument :

BNA_N

ClientSampleId :

RE139D2-20240920

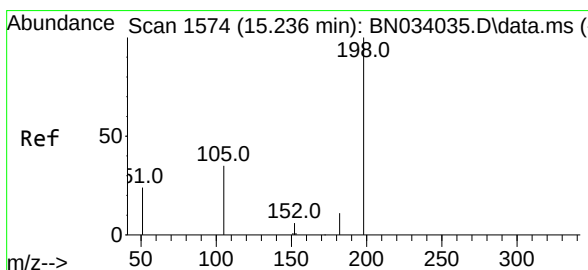
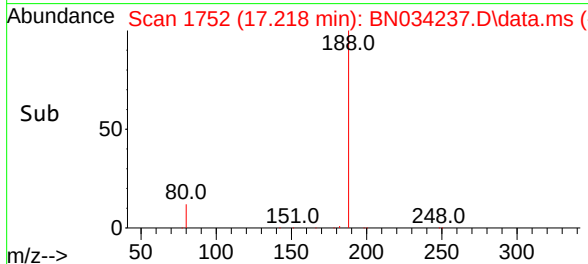
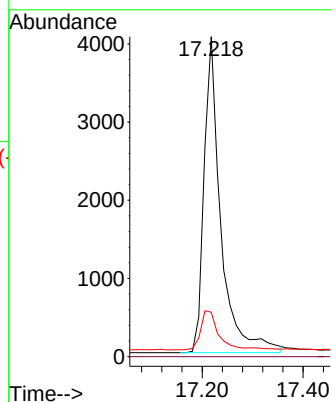
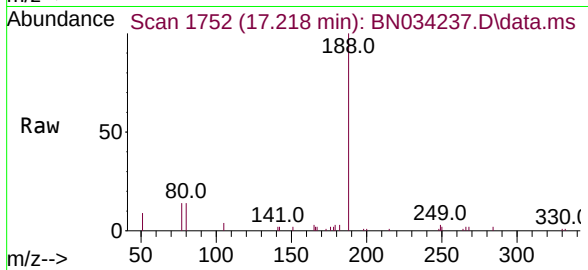
Tgt Ion:188 Resp: 9318

Ion Ratio Lower Upper

188 100

94 0.0 0.0 0.0

80 13.9 7.4 11.0#



#20

4,6-Dinitro-2-methylphenol

Concen: 0.139 ng

RT: 16.684 min Scan# 1709

Delta R.T. -0.062 min

Lab File: BN034237.D

Acq: 25 Sep 2024 22:35

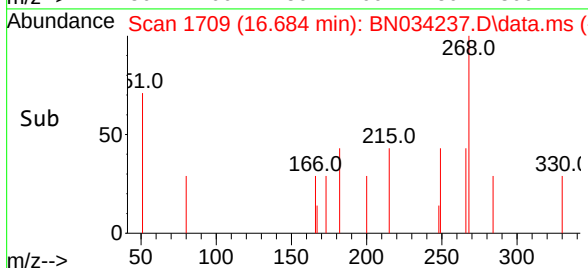
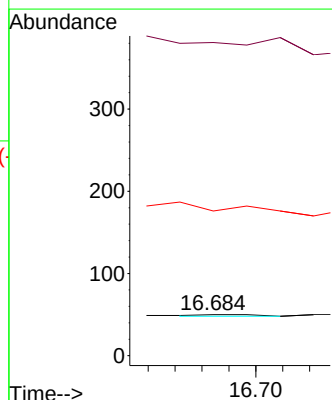
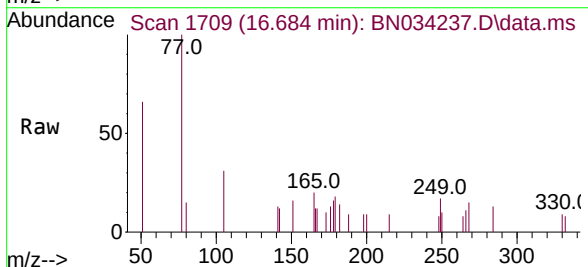
Tgt Ion:198 Resp: 3

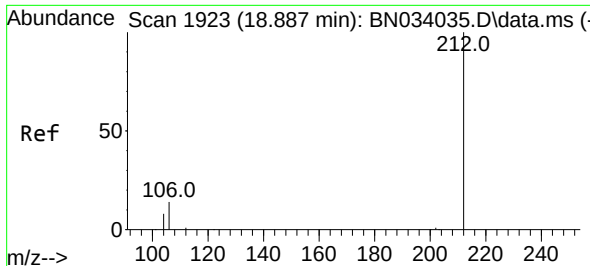
Ion Ratio Lower Upper

198 100

51 762.0 106.4 159.6#

105 352.0 38.5 57.7#

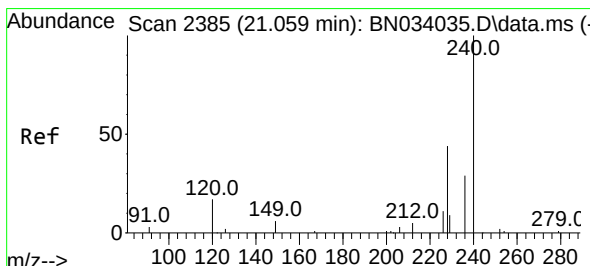
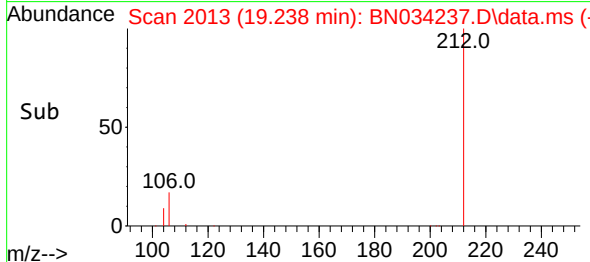
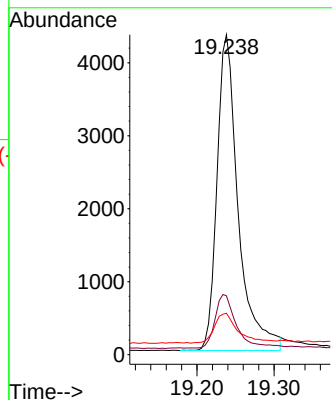
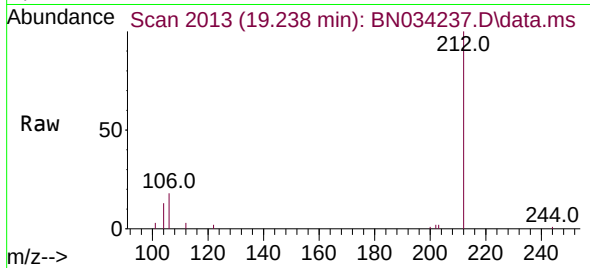




#27
Fluoranthene-d10
Concen: 0.352 ng
RT: 19.238 min Scan# 20
Delta R.T. -0.056 min
Lab File: BN034237.D
Acq: 25 Sep 2024 22:35

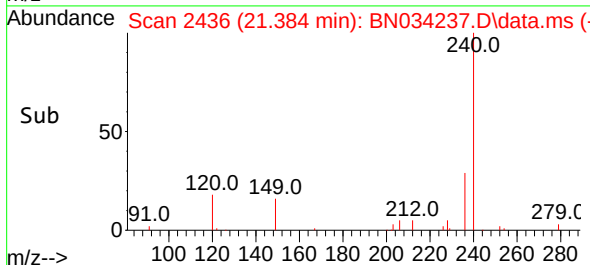
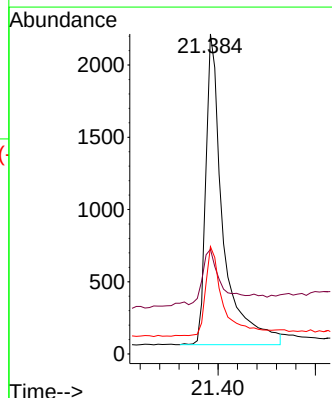
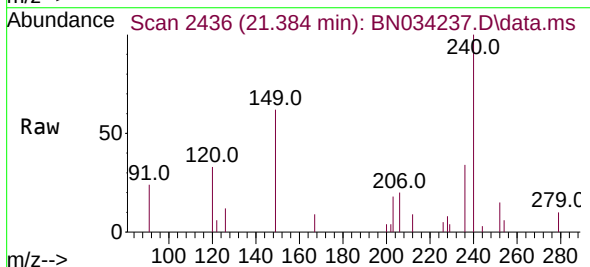
Instrument :
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RE139D2-20240920

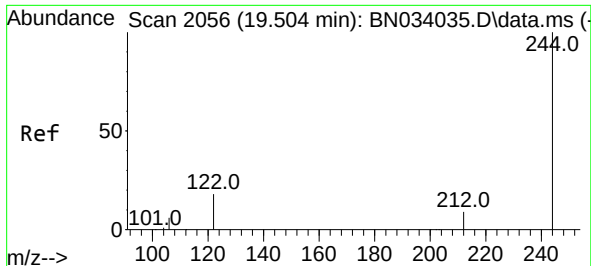
Tgt Ion:212 Resp: 8271
Ion Ratio Lower Upper
212 100
106 16.9 13.4 20.2
104 10.6 7.8 11.6



#29
Chrysene-d12
Concen: 0.400 ng
RT: 21.384 min Scan# 2436
Delta R.T. -0.054 min
Lab File: BN034237.D
Acq: 25 Sep 2024 22:35

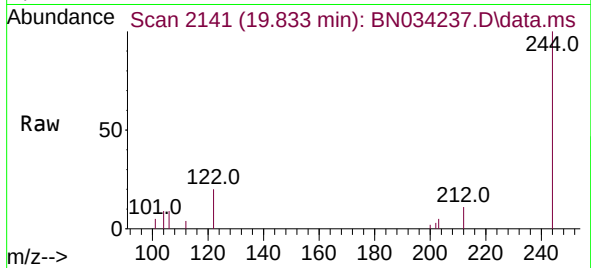
Tgt Ion:240 Resp: 5305
Ion Ratio Lower Upper
240 100
120 32.7 13.5 20.3#
236 33.5 23.4 35.0



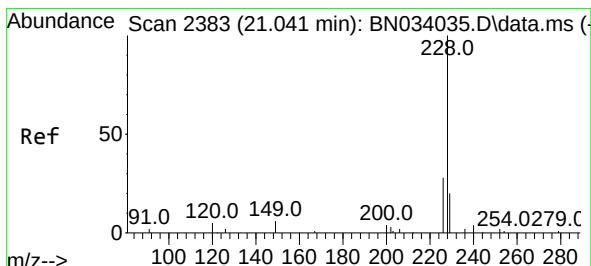
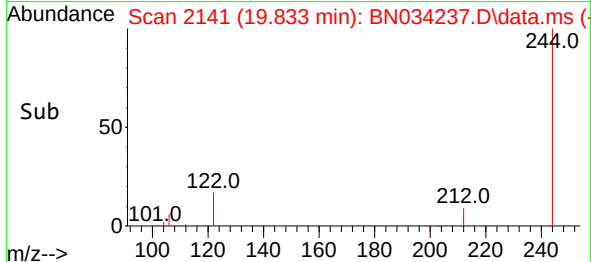
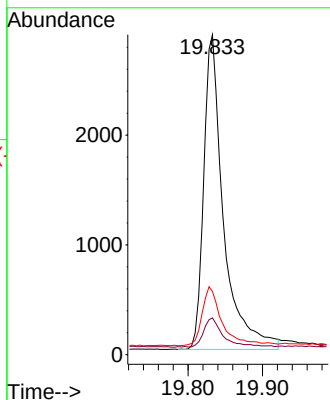


#31
 Terphenyl-d14
 Concen: 0.499 ng
 RT: 19.833 min Scan# 2141
 Delta R.T. -0.056 min
 Lab File: BN034237.D
 Acq: 25 Sep 2024 22:35

Instrument :
 BNA_N
 ClientSampleId :
 RE139D2-20240920

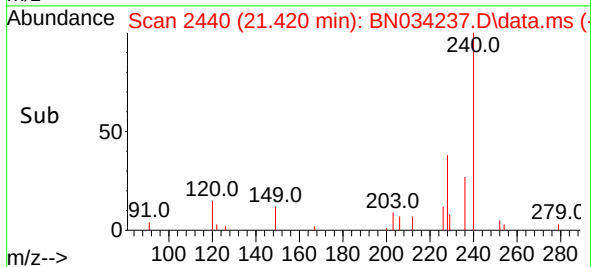
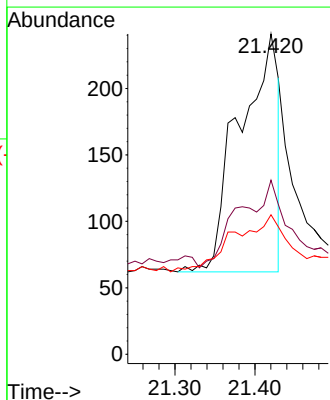
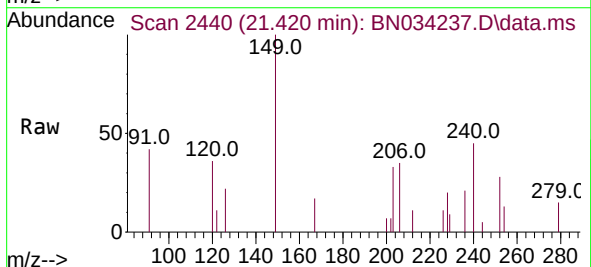


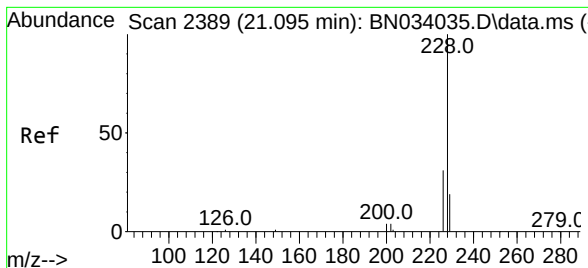
Tgt Ion:244 Resp: 5291
 Ion Ratio Lower Upper
 244 100
 212 11.5 7.8 11.6
 122 19.8 14.8 22.2



#32
 Benzo(a)anthracene
 Concen: 0.036 ng
 RT: 21.420 min Scan# 2440
 Delta R.T. 0.000 min
 Lab File: BN034237.D
 Acq: 25 Sep 2024 22:35

Tgt Ion:228 Resp: 608
 Ion Ratio Lower Upper
 228 100
 226 54.4 22.3 33.5#
 229 43.6 15.7 23.5#





#33

Chrysene

Concen: 0.037 ng

RT: 21.420 min Scan# 2440

Delta R.T. -0.054 min

Lab File: BN034237.D

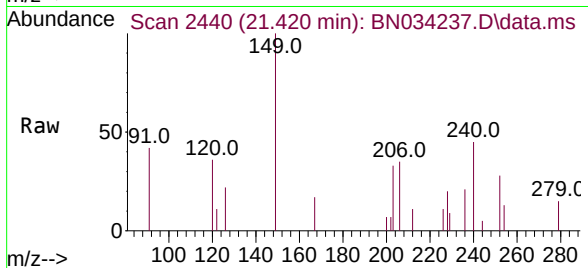
Acq: 25 Sep 2024 22:35

Instrument :

BNA_N

ClientSampleId :

RE139D2-20240920



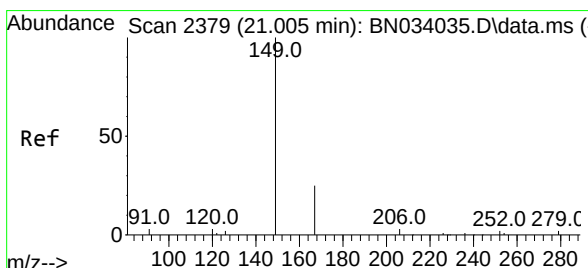
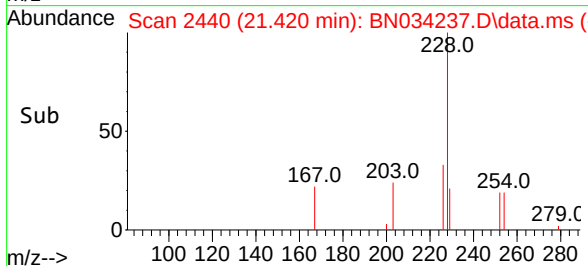
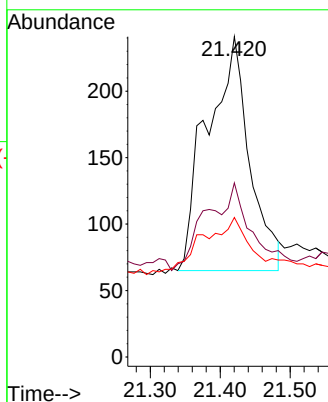
Tgt Ion:228 Resp: 740

Ion Ratio Lower Upper

228 100

226 54.4 24.6 37.0#

229 43.6 15.5 23.3#



#34

Bis(2-ethylhexyl)phthalate

Concen: 0.161 ng

RT: 21.295 min Scan# 2426

Delta R.T. -0.045 min

Lab File: BN034237.D

Acq: 25 Sep 2024 22:35

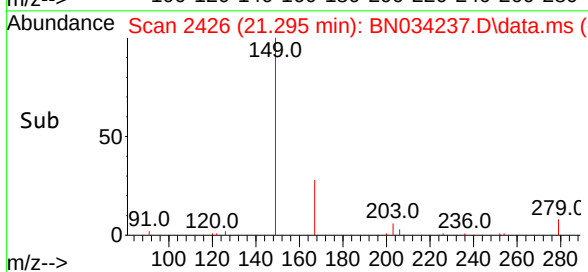
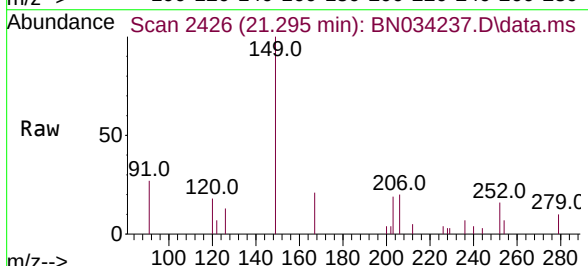
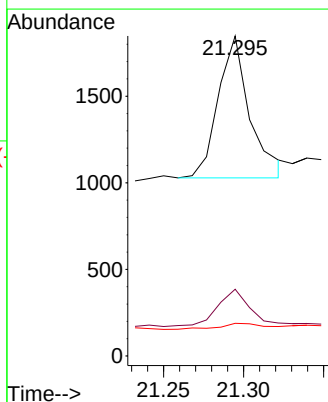
Tgt Ion:149 Resp: 1127

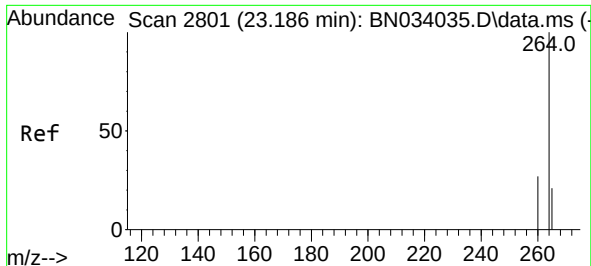
Ion Ratio Lower Upper

149 100

167 27.3 19.9 29.9

279 6.1 4.6 6.8





#35
Perylene-d12

Concen: 0.400 ng

RT: 23.680 min Scan# 24

Delta R.T. -0.088 min

Lab File: BN034237.D

Acq: 25 Sep 2024 22:35

Instrument :

BNA_N

ClientSampleId :

RE139D2-20240920

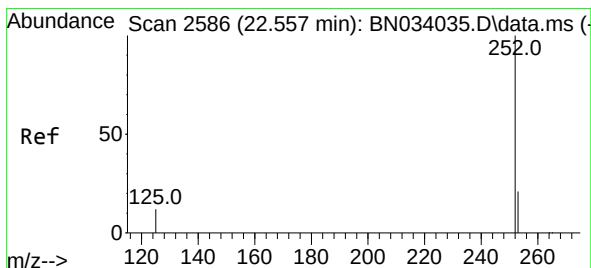
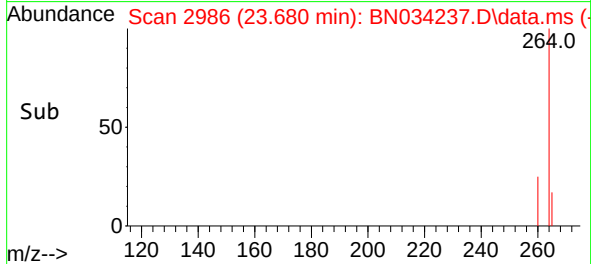
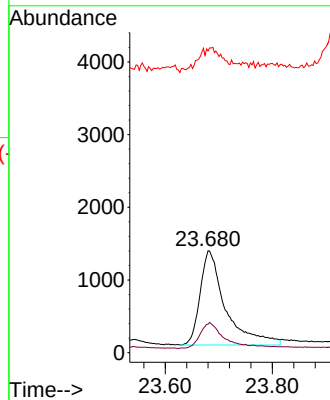
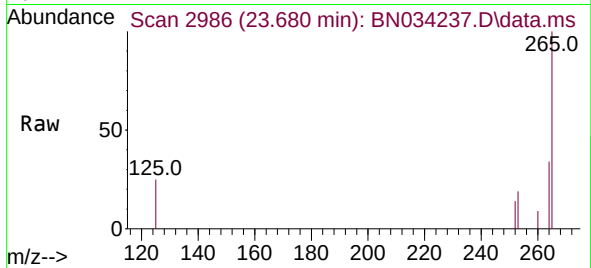
Tgt Ion:264 Resp: 4271

Ion Ratio Lower Upper

264 100

260 28.0 21.7 32.5

265 295.9 52.1 78.1#



#37

Benzo(b)fluoranthene

Concen: 0.039 ng

RT: 22.996 min Scan# 2752

Delta R.T. -0.067 min

Lab File: BN034237.D

Acq: 25 Sep 2024 22:35

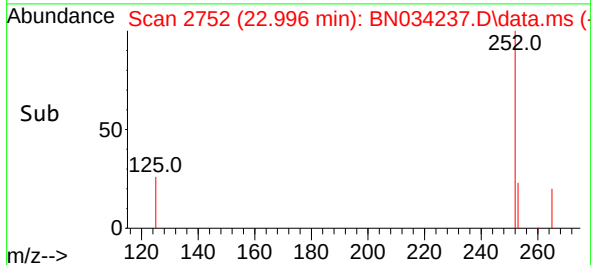
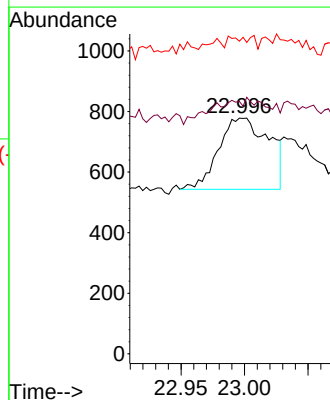
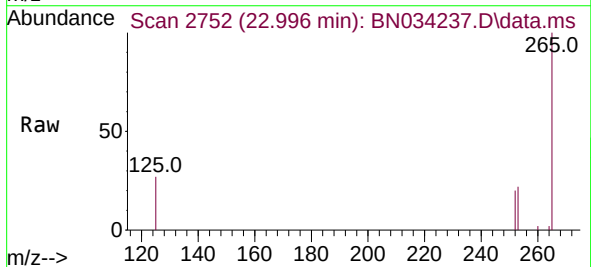
Tgt Ion:252 Resp: 651

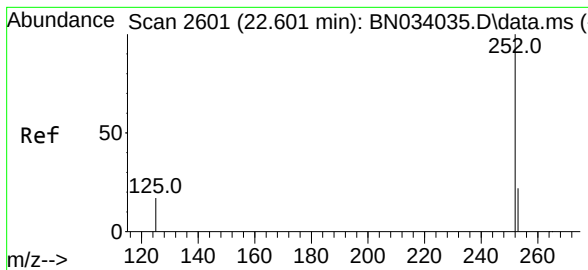
Ion Ratio Lower Upper

252 100

253 107.1 19.6 29.4#

125 132.6 13.8 20.8#





#38

Benzo(k)fluoranthene

Concen: 0.037 ng

RT: 22.996 min Scan# 21

Delta R.T. -0.114 min

Lab File: BN034237.D

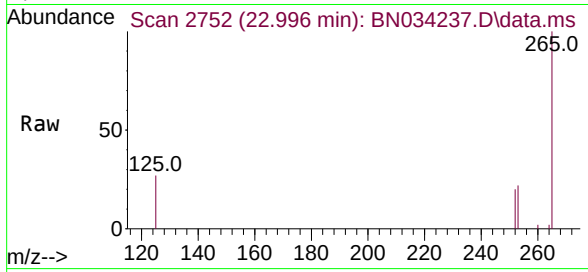
Acq: 25 Sep 2024 22:35

Instrument :

BNA_N

ClientSampleId :

RE139D2-20240920



Tgt Ion:252 Resp: 651

Ion Ratio Lower Upper

252 100

253 107.1 20.1 30.1#

125 132.6 16.8 25.2#

