

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN122324\
 Data File : BN035800.D
 Acq On : 24 Dec 2024 01:49
 Operator : RC/JU
 Sample : P5281-08
 Misc :
 ALS Vial : 82 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 FB02-20241213

Quant Time: Dec 24 02:36:00 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN112724.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Dec 19 23:06:19 2024
 Response via : Initial Calibration

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

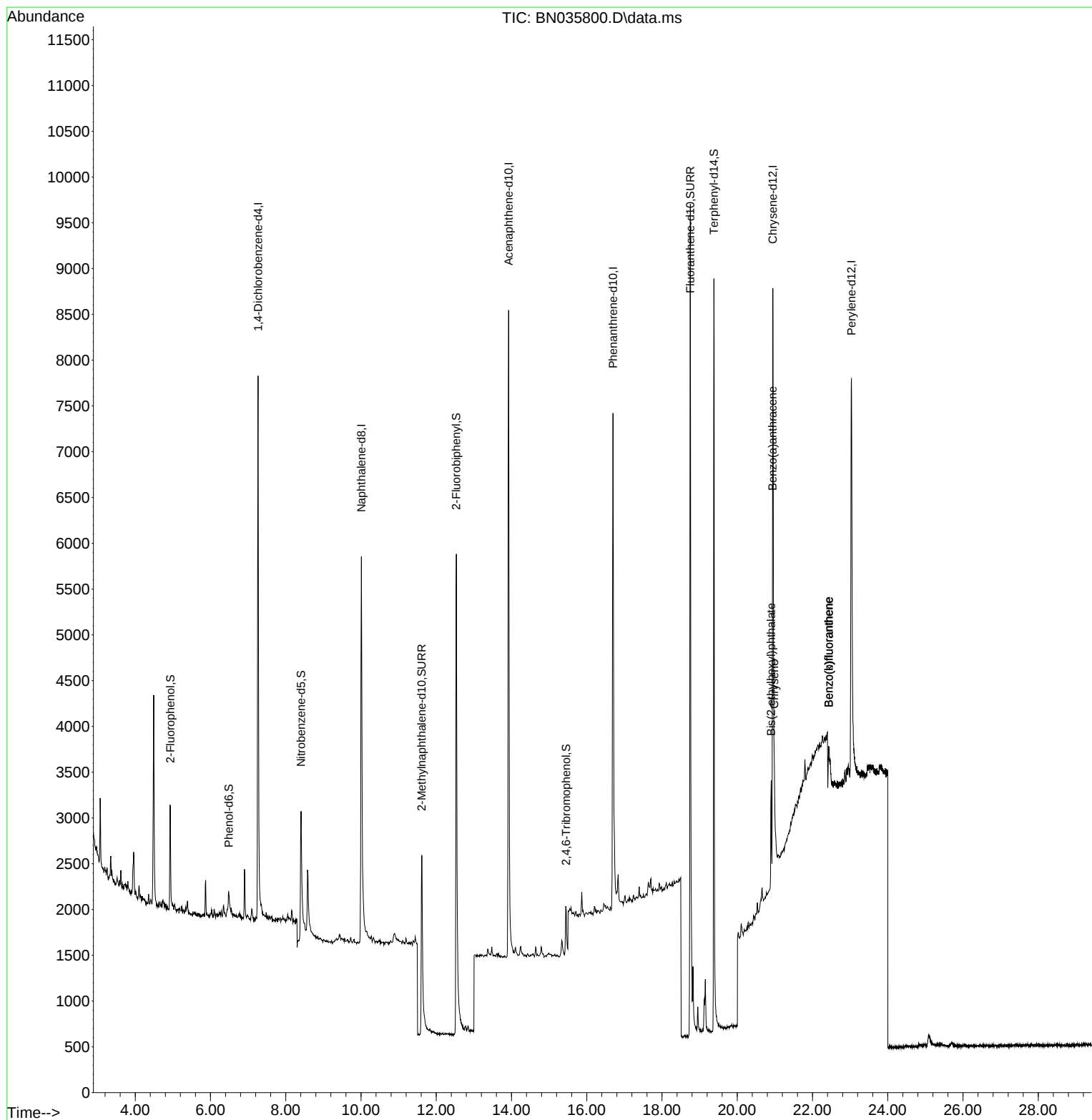
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.264	152	3456	0.400	ng	0.00
7) Naphthalene-d8	10.009	136	8002	0.400	ng	-0.01
13) Acenaphthene-d10	13.925	164	4899	0.400	ng	-0.01
19) Phenanthrene-d10	16.698	188	9904	0.400	ng	# 0.00
29) Chrysene-d12	20.947	240	7907	0.400	ng	# 0.00
35) Perylene-d12	23.032	264	7434	0.400	ng	# 0.00
System Monitoring Compounds						
4) 2-Fluorophenol	4.932	112	1105	0.128	ng	0.00
5) Phenol-d6	6.484	99	585	0.056	ng	0.00
8) Nitrobenzene-d5	8.408	82	2365	0.484	ng	0.00
11) 2-Methylnaphthalene-d10	11.616	152	4603	0.368	ng	0.00
14) 2,4,6-Tribromophenol	15.453	330	685	0.197	ng	0.00
15) 2-Fluorobiphenyl	12.533	172	7146	0.386	ng	-0.01
27) Fluoranthene-d10	18.752	212	12579	0.448	ng	0.00
31) Terphenyl-d14	19.379	244	9156	0.587	ng	0.00
Target Compounds						
32) Benzo(a)anthracene	20.938	228	660	0.024	ng	# 74
33) Chrysene	20.983	228	756	0.027	ng	# 80
34) Bis(2-ethylhexyl)phtha...	20.902	149	1232	0.113	ng	96
37) Benzo(b)fluoranthene	22.436	252	1085	0.040	ng	# 1
38) Benzo(k)fluoranthene	22.436	252	1085	0.041	ng	# 1

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

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FB02-20241213

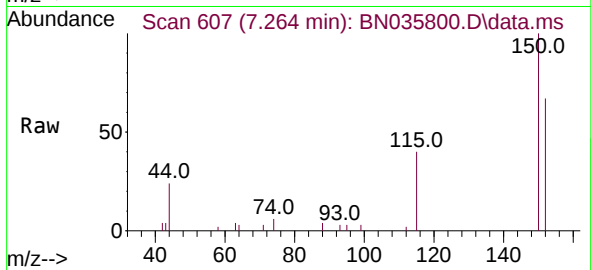
Quant Time: Dec 24 02:36:00 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN112724.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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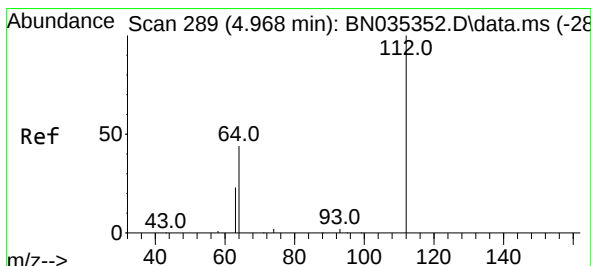
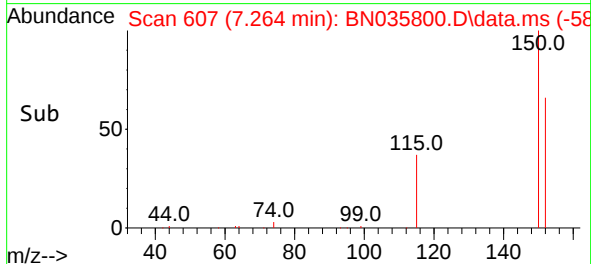
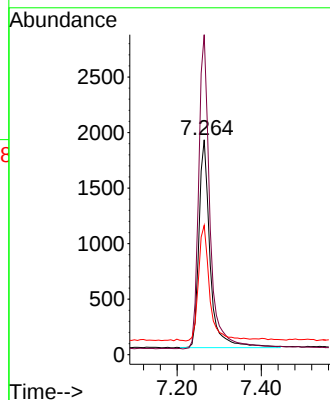


#1
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.264 min Scan# 613
Delta R.T. -0.008 min
Lab File: BN035800.D
Acq: 24 Dec 2024 01:49

Instrument :
BNA_N
ClientSampleId :
FB02-20241213

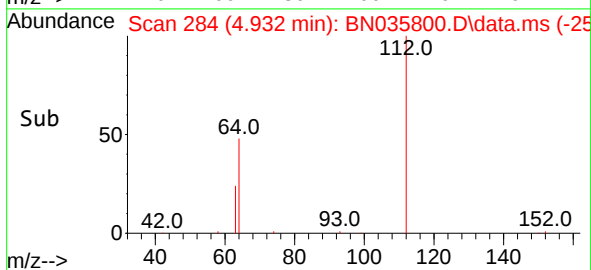
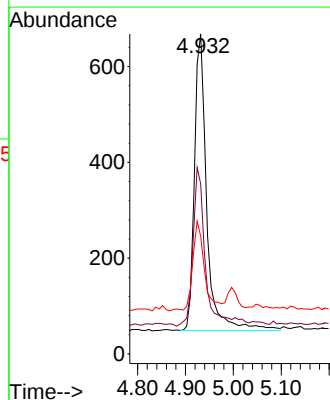
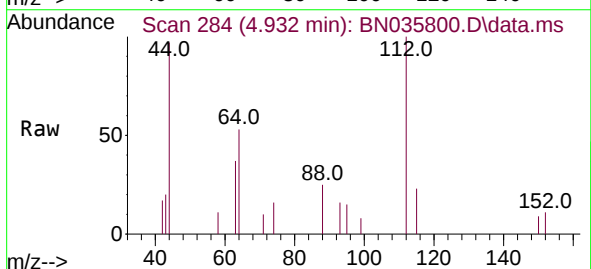


Tgt Ion:152 Resp: 3456
Ion Ratio Lower Upper
152 100
150 148.9 124.0 186.0
115 60.2 49.6 74.4



#4
2-Fluorophenol
Concen: 0.128 ng
RT: 4.932 min Scan# 284
Delta R.T. -0.007 min
Lab File: BN035800.D
Acq: 24 Dec 2024 01:49

Tgt Ion:112 Resp: 1105
Ion Ratio Lower Upper
112 100
64 51.9 39.8 59.8
63 29.0 21.0 31.6

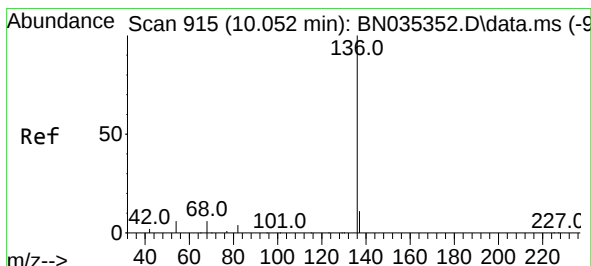
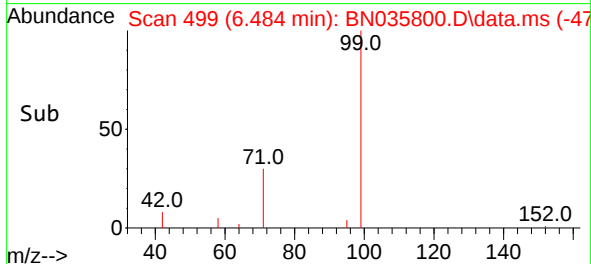
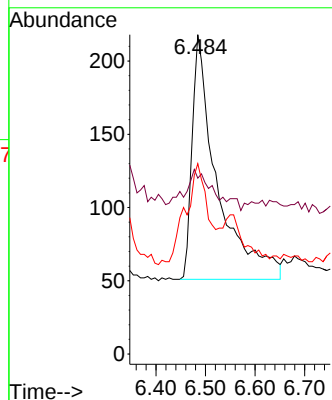
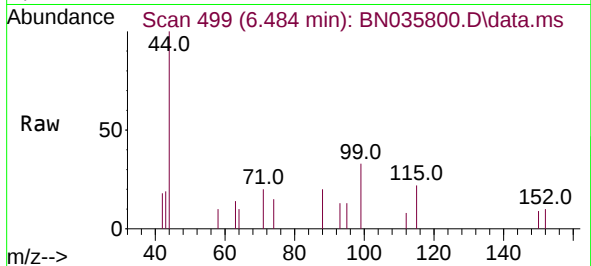




#5
Phenol-d6
Concen: 0.056 ng
RT: 6.484 min Scan# 499
Delta R.T. -0.007 min
Lab File: BN035800.D
Acq: 24 Dec 2024 01:49

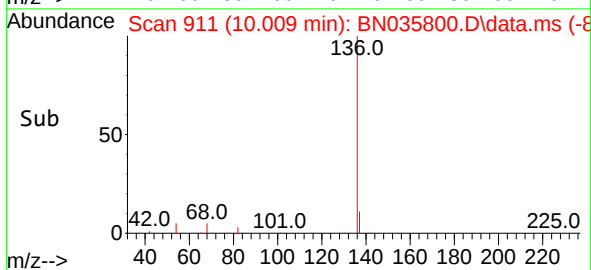
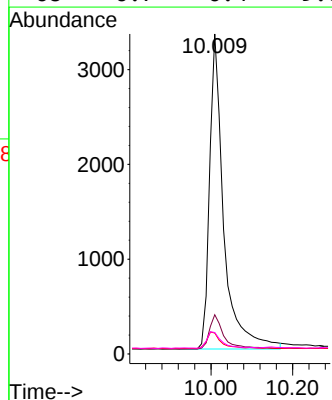
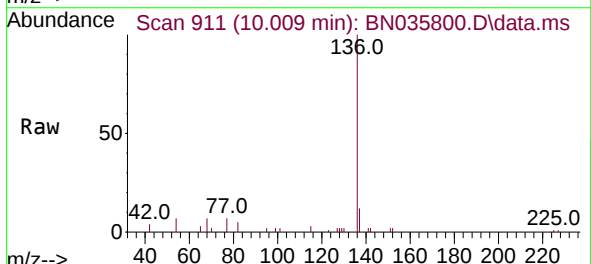
Instrument :
BNA_N
ClientSampleId :
FB02-20241213

Tgt Ion:	99	Resp:	585
Ion	Ratio	Lower	Upper
99	100		
42	14.4	11.4	17.2
71	36.9	29.3	43.9



#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.009 min Scan# 911
Delta R.T. -0.011 min
Lab File: BN035800.D
Acq: 24 Dec 2024 01:49

Tgt Ion:	136	Resp:	8002
Ion	Ratio	Lower	Upper
136	100		
137	12.3	10.2	15.2
54	6.5	6.1	9.1
68	6.7	6.4	9.6

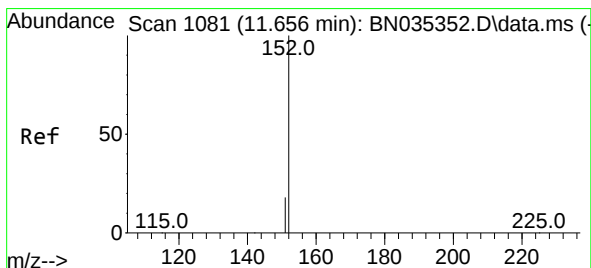
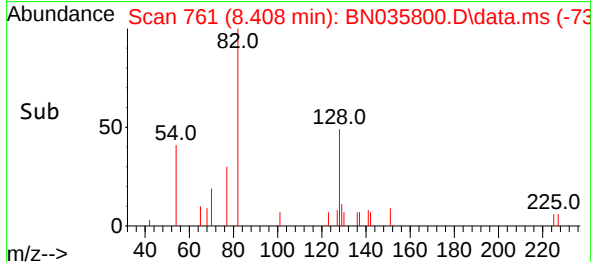
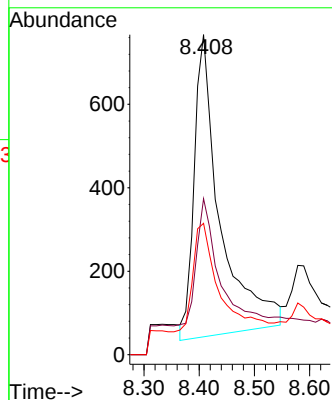
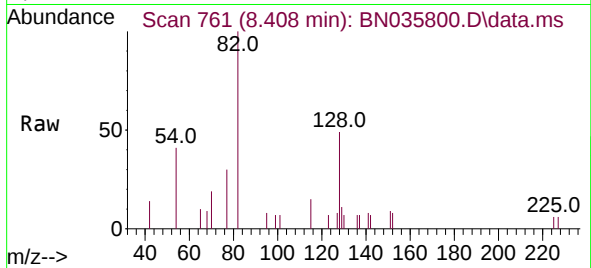




#8
Nitrobenzene-d5
Concen: 0.484 ng
RT: 8.408 min Scan# 764
Delta R.T. -0.000 min
Lab File: BN035800.D
Acq: 24 Dec 2024 01:49

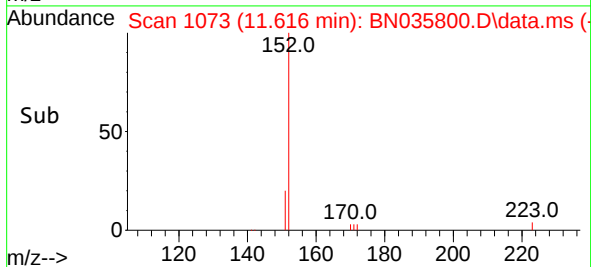
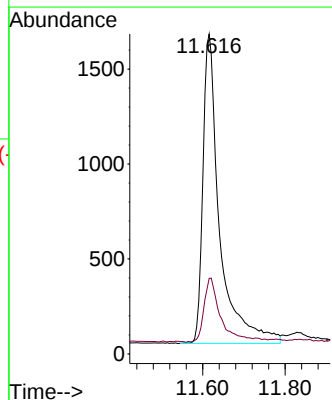
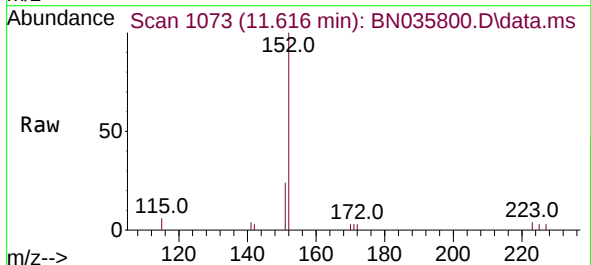
Instrument :
BNA_N
ClientSampleId :
FB02-20241213

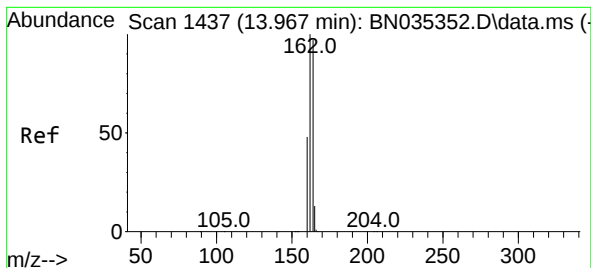
Tgt Ion: 82 Resp: 2365
Ion Ratio Lower Upper
82 100
128 48.8 33.4 50.0
54 41.1 36.7 55.1



#11
2-Methylnaphthalene-d10
Concen: 0.368 ng
RT: 11.616 min Scan# 1073
Delta R.T. -0.005 min
Lab File: BN035800.D
Acq: 24 Dec 2024 01:49

Tgt Ion: 152 Resp: 4603
Ion Ratio Lower Upper
152 100
151 20.4 16.6 25.0





#13

Acenaphthene-d10

Concen: 0.400 ng

RT: 13.925 min Scan# 14

Delta R.T. -0.011 min

Lab File: BN035800.D

Acq: 24 Dec 2024 01:49

Instrument :

BNA_N

ClientSampleId :

FB02-20241213

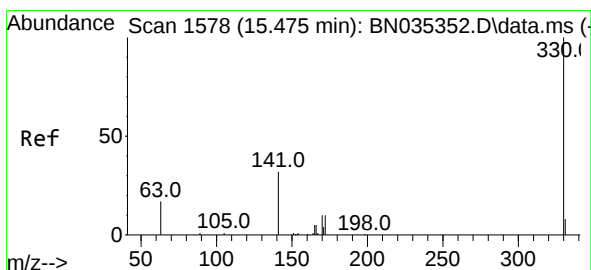
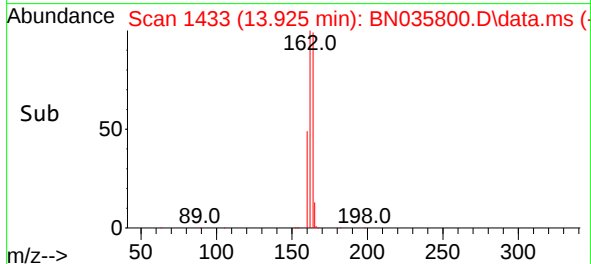
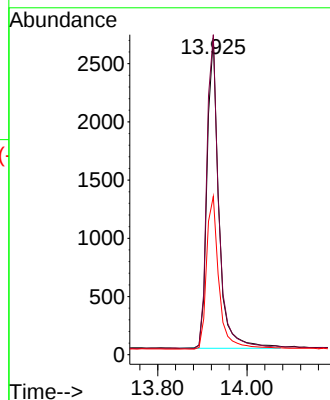
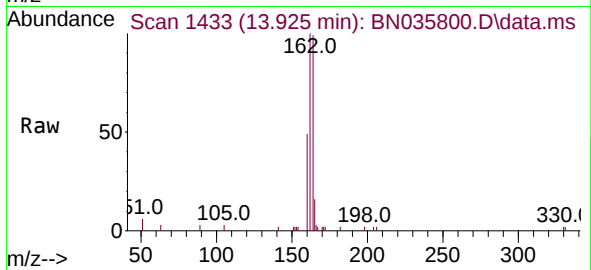
Tgt Ion:164 Resp: 4899

Ion Ratio Lower Upper

164 100

162 101.0 82.2 123.2

160 49.9 40.1 60.1



#14

2,4,6-Tribromophenol

Concen: 0.197 ng

RT: 15.453 min Scan# 1576

Delta R.T. -0.000 min

Lab File: BN035800.D

Acq: 24 Dec 2024 01:49

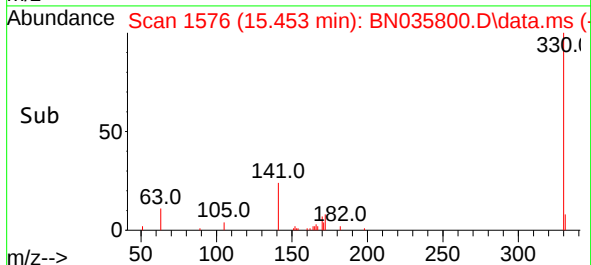
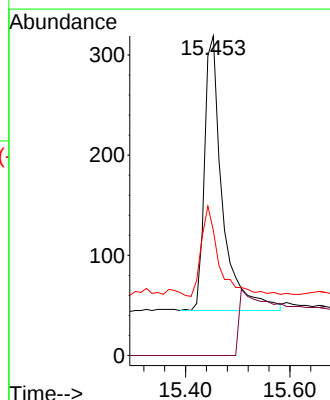
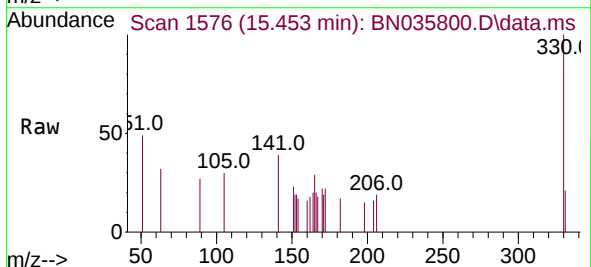
Tgt Ion:330 Resp: 685

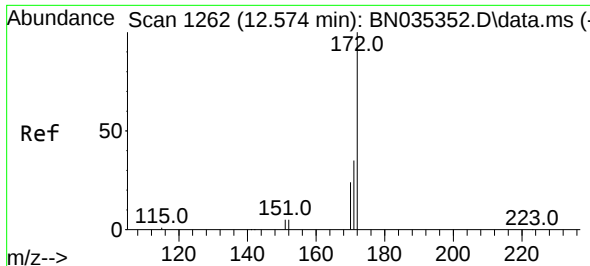
Ion Ratio Lower Upper

330 100

332 0.0 0.0 0.0

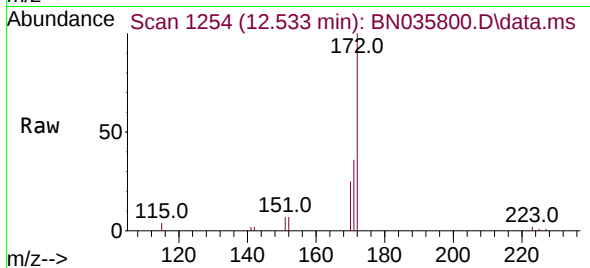
141 33.9 26.6 40.0



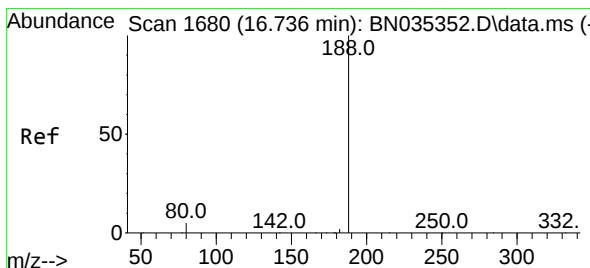
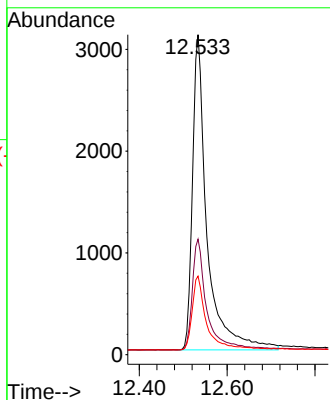
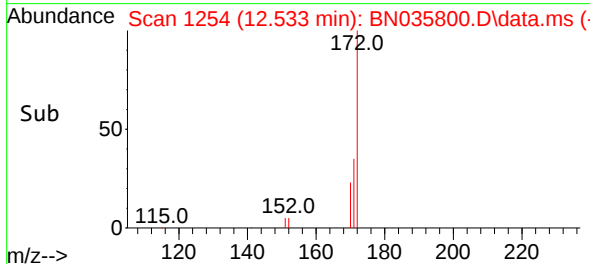


#15
2-Fluorobiphenyl
Concen: 0.386 ng
RT: 12.533 min Scan# 11
Delta R.T. -0.010 min
Lab File: BN035800.D
Acq: 24 Dec 2024 01:49

Instrument :
BNA_N
ClientSampleId :
FB02-20241213

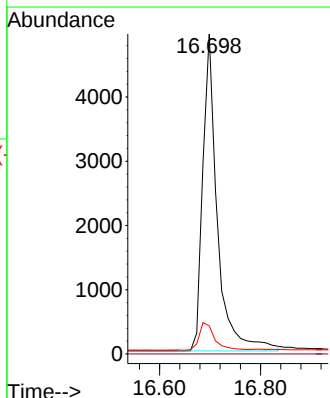
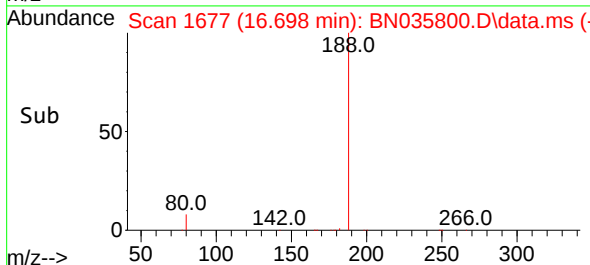
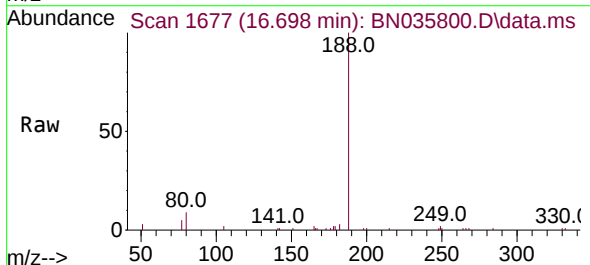


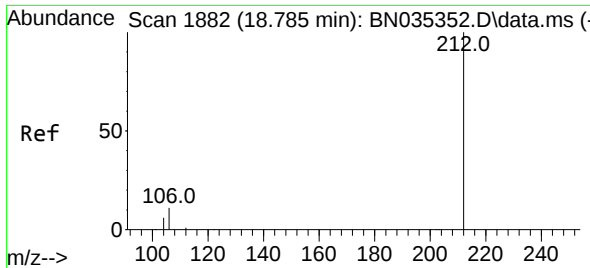
Tgt Ion:172 Resp: 7146
Ion Ratio Lower Upper
172 100
171 36.1 29.0 43.4
170 24.6 19.8 29.8



#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 16.698 min Scan# 1677
Delta R.T. -0.000 min
Lab File: BN035800.D
Acq: 24 Dec 2024 01:49

Tgt Ion:188 Resp: 9904
Ion Ratio Lower Upper
188 100
94 0.0 0.0 0.0
80 8.8 4.6 6.8

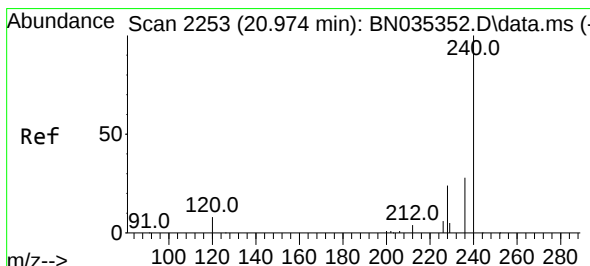
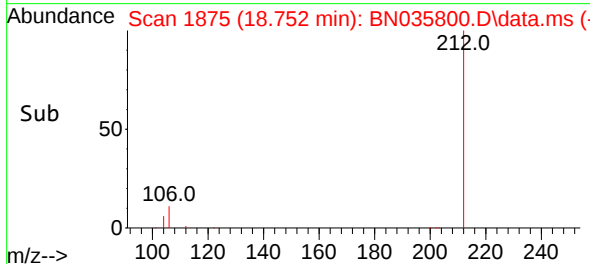
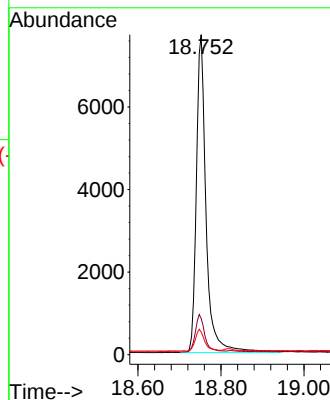
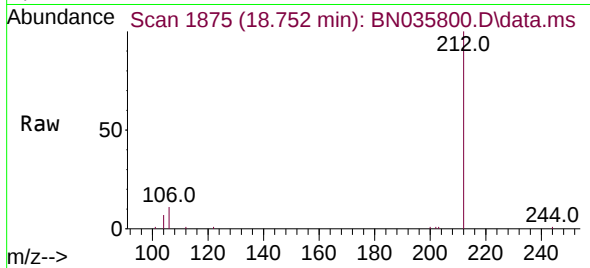




#27
Fluoranthene-d10
Concen: 0.448 ng
RT: 18.752 min Scan# 11
Delta R.T. -0.009 min
Lab File: BN035800.D
Acq: 24 Dec 2024 01:49

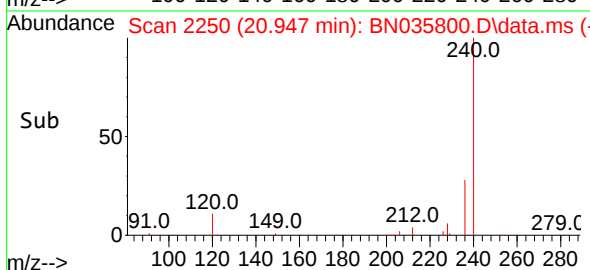
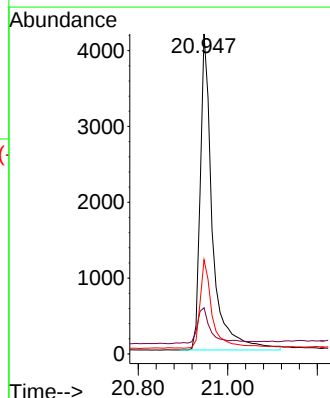
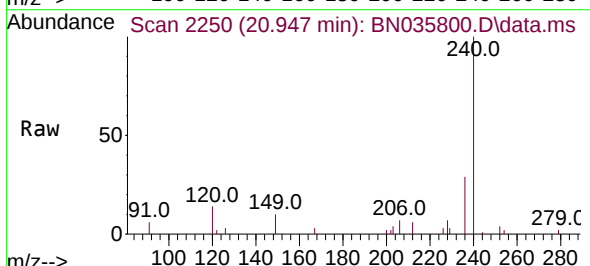
Instrument :
BNA_N
ClientSampleId :
FB02-20241213

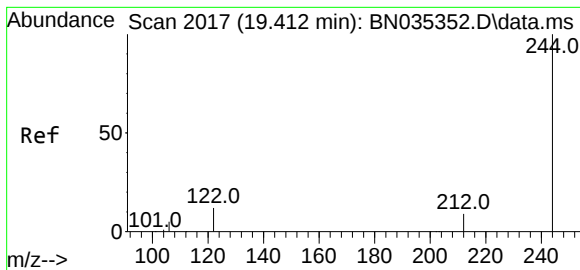
Tgt Ion:212 Resp: 12579
Ion Ratio Lower Upper
212 100
106 11.4 9.2 13.8
104 6.5 5.3 7.9



#29
Chrysene-d12
Concen: 0.400 ng
RT: 20.947 min Scan# 2250
Delta R.T. -0.009 min
Lab File: BN035800.D
Acq: 24 Dec 2024 01:49

Tgt Ion:240 Resp: 7907
Ion Ratio Lower Upper
240 100
120 14.4 7.9 11.9#
236 29.5 22.9 34.3

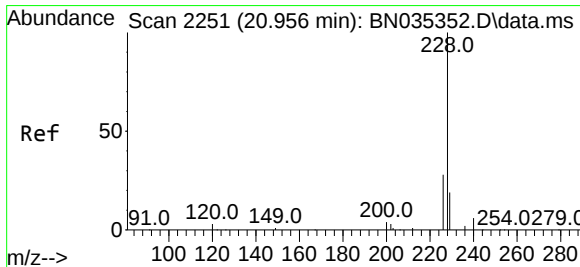
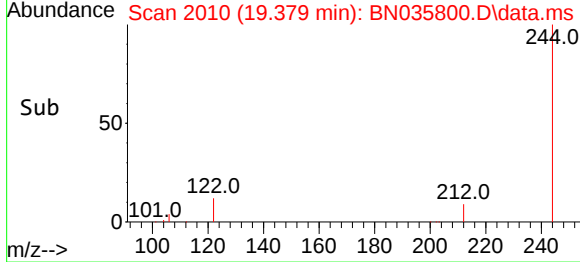
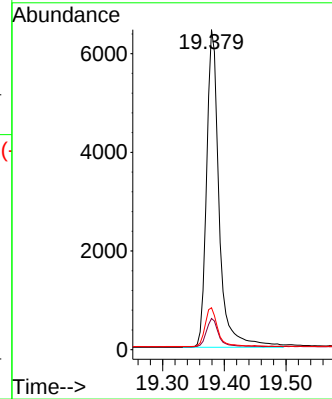
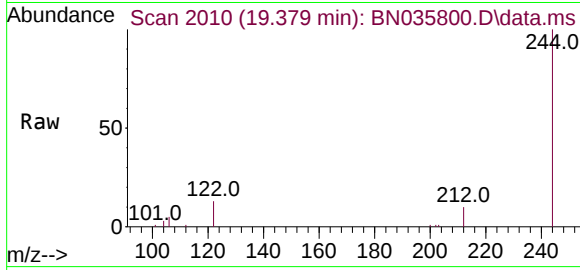




#31
Terphenyl-d14
Concen: 0.587 ng
RT: 19.379 min Scan# 2017
Delta R.T. -0.009 min
Lab File: BN035800.D
Acq: 24 Dec 2024 01:49

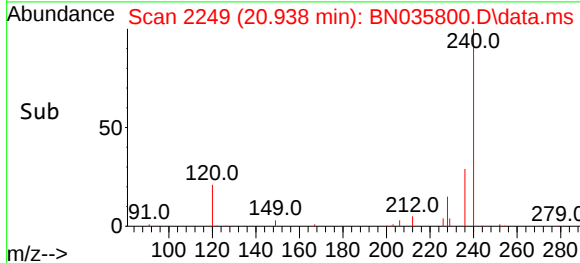
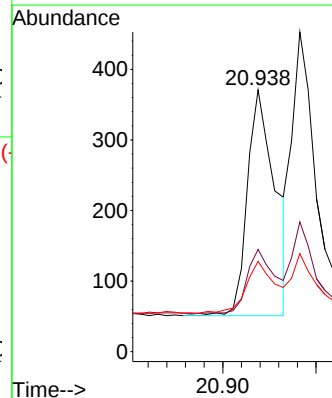
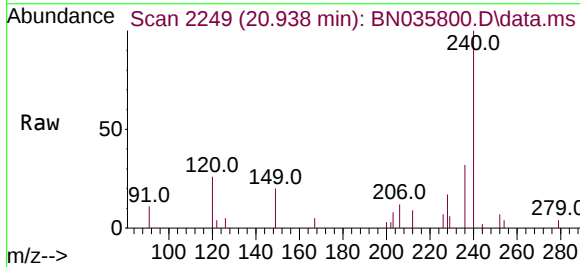
Instrument :
BNA_N
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FB02-20241213

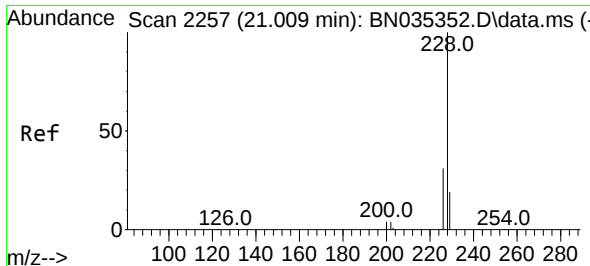
Tgt Ion:244 Resp: 9156
Ion Ratio Lower Upper
244 100
212 9.7 8.1 12.1
122 13.1 10.3 15.5



#32
Benzo(a)anthracene
Concen: 0.024 ng
RT: 20.938 min Scan# 2249
Delta R.T. -0.000 min
Lab File: BN035800.D
Acq: 24 Dec 2024 01:49

Tgt Ion:228 Resp: 660
Ion Ratio Lower Upper
228 100
226 39.1 22.5 33.7#
229 34.5 15.8 23.8#





#33

Chrysene

Concen: 0.027 ng

RT: 20.983 min Scan# 21

Delta R.T. -0.009 min

Lab File: BN035800.D

Acq: 24 Dec 2024 01:49

Instrument :

BNA_N

ClientSampleId :

FB02-20241213

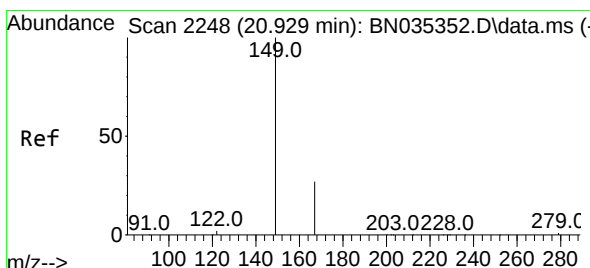
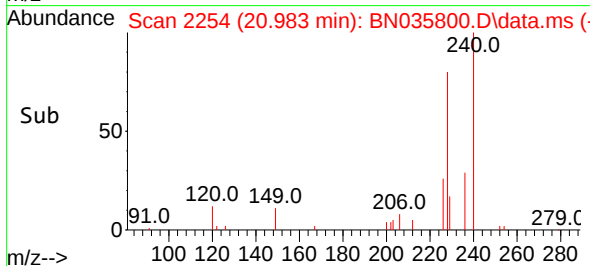
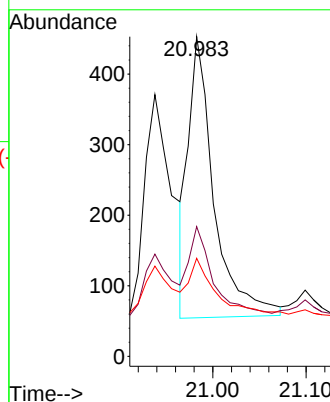
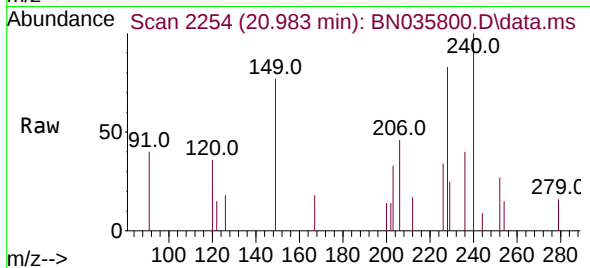
Tgt Ion:228 Resp: 756

Ion Ratio Lower Upper

228 100

226 40.6 24.6 37.0#

229 30.7 15.9 23.9#



#34

Bis(2-ethylhexyl)phthalate

Concen: 0.113 ng

RT: 20.902 min Scan# 2245

Delta R.T. -0.009 min

Lab File: BN035800.D

Acq: 24 Dec 2024 01:49

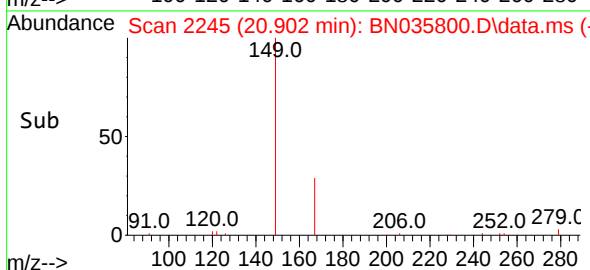
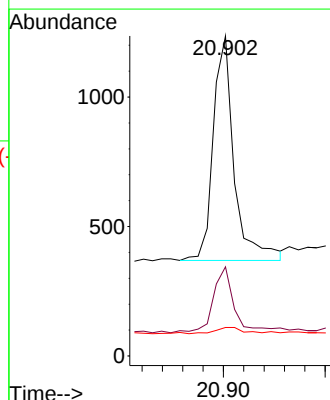
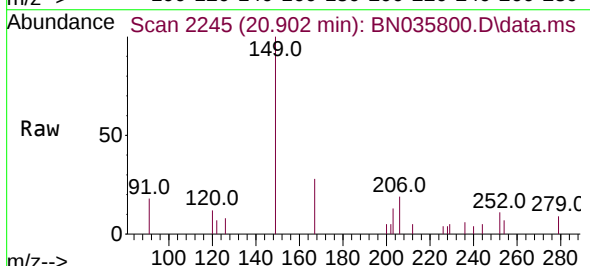
Tgt Ion:149 Resp: 1232

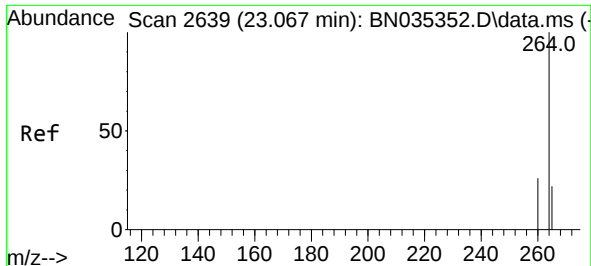
Ion Ratio Lower Upper

149 100

167 30.4 22.2 33.4

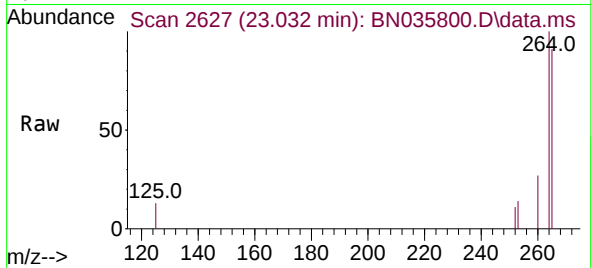
279 3.7 2.7 4.1



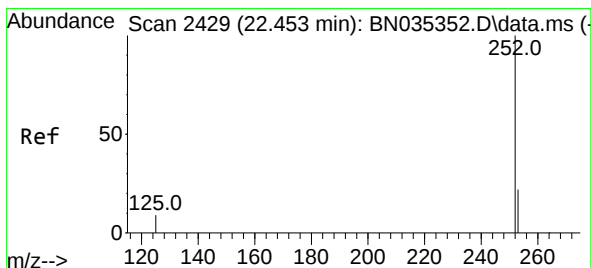
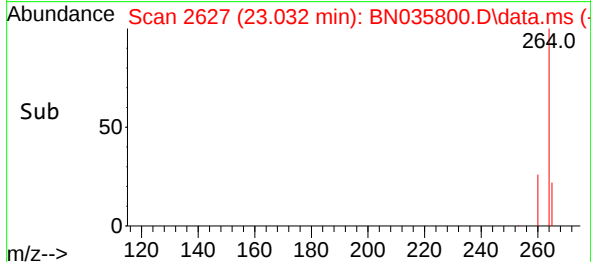
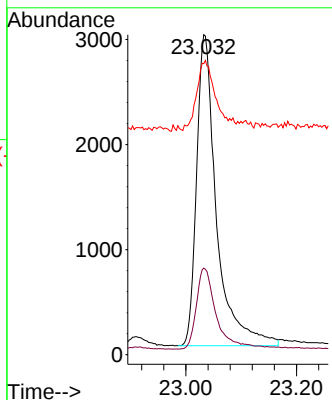


#35
Perylene-d12
Concen: 0.400 ng
RT: 23.032 min Scan# 2627
Delta R.T. -0.009 min
Lab File: BN035800.D
Acq: 24 Dec 2024 01:49

Instrument :
BNA_N
ClientSampleId :
FB02-20241213

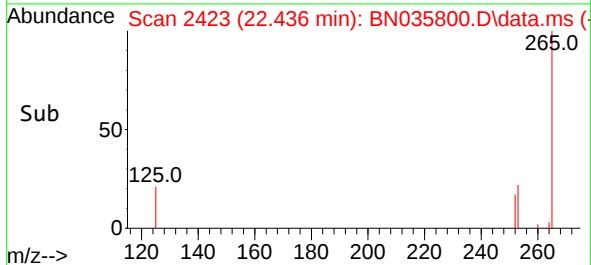
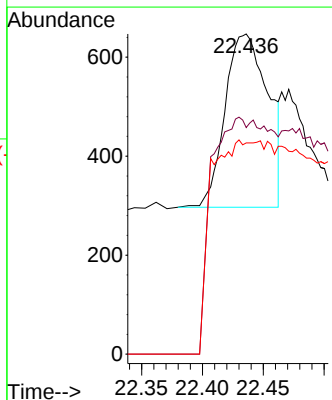
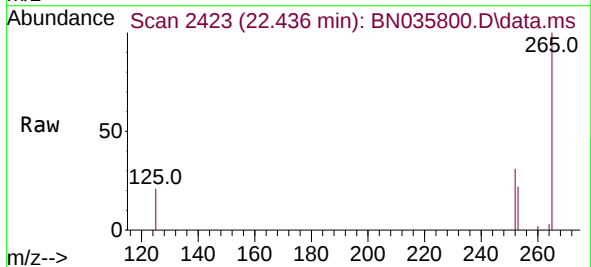


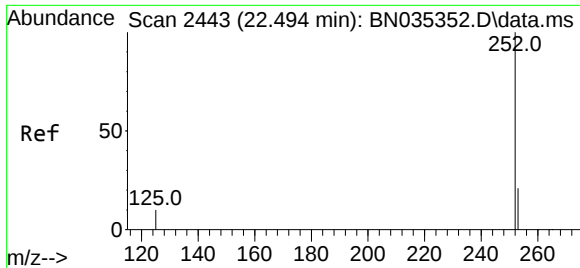
Tgt Ion:264 Resp: 7434
Ion Ratio Lower Upper
264 100
260 27.1 21.4 32.2
265 90.9 40.2 60.4#



#37
Benzo(b)fluoranthene
Concen: 0.040 ng
RT: 22.436 min Scan# 2423
Delta R.T. 0.006 min
Lab File: BN035800.D
Acq: 24 Dec 2024 01:49

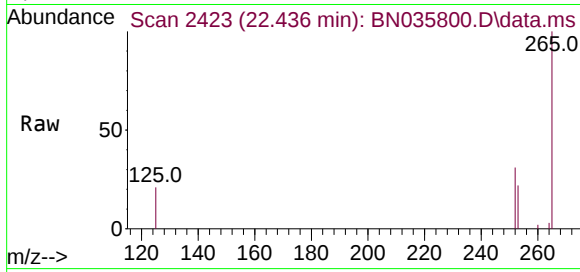
Tgt Ion:252 Resp: 1085
Ion Ratio Lower Upper
252 100
253 70.8 19.6 29.4#
125 66.0 9.6 14.4#





#38
 Benzo(k)fluoranthene
 Concen: 0.041 ng
 RT: 22.436 min Scan# 24
 Delta R.T. -0.035 min
 Lab File: BN035800.D
 Acq: 24 Dec 2024 01:49

Instrument :
 BNA_N
 ClientSampleId :
 FB02-20241213



Tgt Ion:	252	Resp:	1085
Ion Ratio	Lower	Upper	
252	100		
253	70.8	19.5	29.3#
125	66.0	10.2	15.4#

