

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN092524\
 Data File : BN034242.D
 Acq On : 26 Sep 2024 01:36
 Operator : RC/JU
 Sample : P4164-16
 Misc :
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 DUP06-20240919

Quant Time: Sep 26 04:32:43 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)

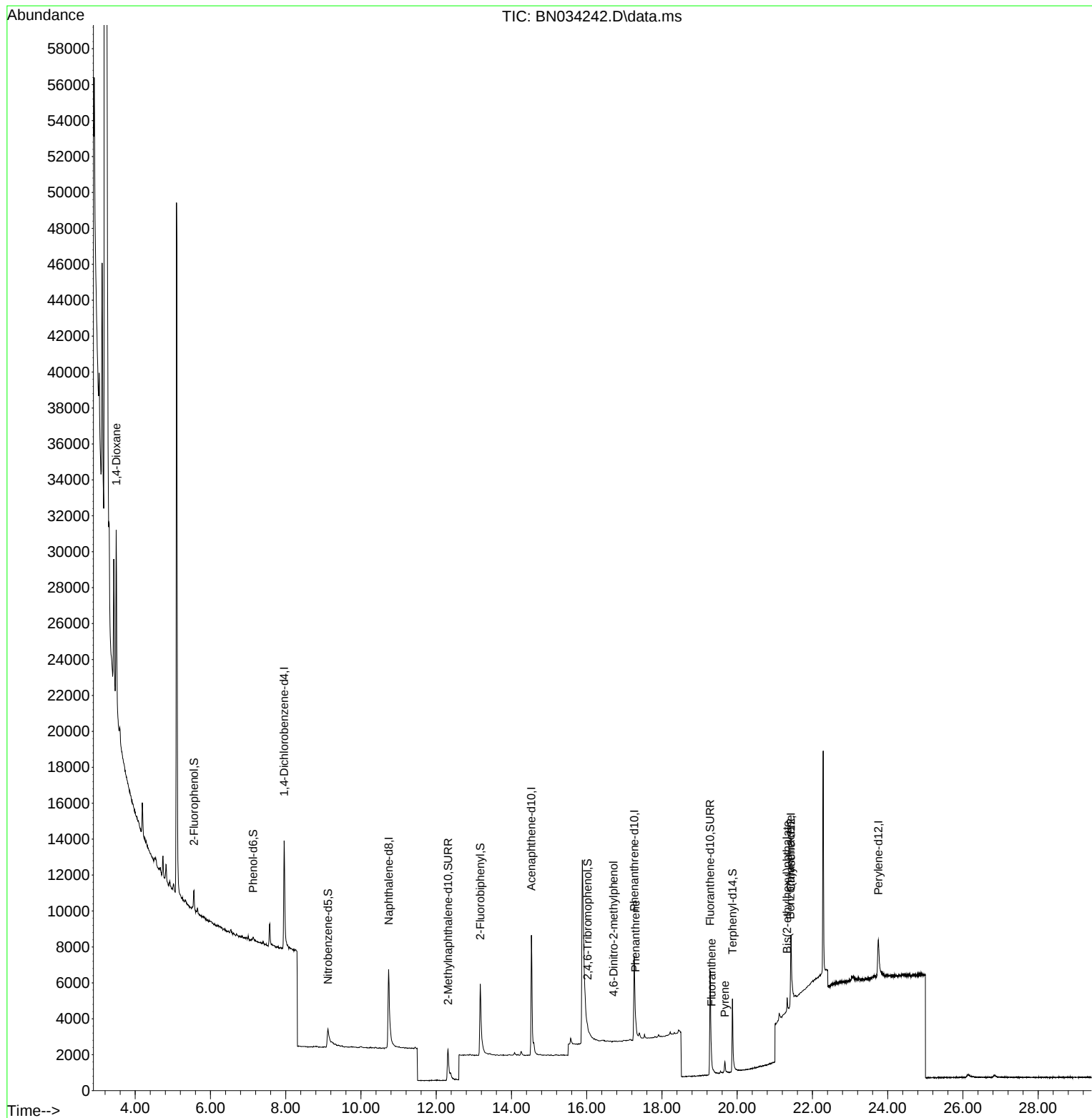
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.958	152	3792	0.400	ng	-0.01
7) Naphthalene-d8	10.735	136	9998	0.400	ng	#-0.01
13) Acenaphthene-d10	14.528	164	5327	0.400	ng	-0.01
19) Phenanthrene-d10	17.262	188	9803	0.400	ng	#-0.02
29) Chrysene-d12	21.427	240	5855	0.400	ng	#-0.01
35) Perylene-d12	23.751	264	5049	0.400	ng	#-0.02
System Monitoring Compounds						
4) 2-Fluorophenol	5.560	112	1014	0.094	ng	-0.01
5) Phenol-d6	7.134	99	387	0.031	ng	-0.01
8) Nitrobenzene-d5	9.123	82	1981	0.259	ng	0.00
11) 2-Methylnaphthalene-d10	12.313	152	4242	0.287	ng	-0.01
14) 2,4,6-Tribromophenol	16.021	330	132	0.055	ng	0.00
15) 2-Fluorobiphenyl	13.171	172	6399	0.295	ng	-0.01
27) Fluoranthene-d10	19.282	212	8980	0.363	ng	-0.01
31) Terphenyl-d14	19.872	244	5567	0.476	ng	-0.02
Target Compounds						Qvalue
2) 1,4-Dioxane	3.494	88	7470	1.576	ng	# 74
20) 4,6-Dinitro-2-methylph...	16.716	198	11	0.144	ng	# 1
25) Phenanthrene	17.299	178	718	0.026	ng	94
28) Fluoranthene	19.315	202	734	0.023	ng	# 91
30) Pyrene	19.672	202	758	0.031	ng	95
32) Benzo(a)anthracene	21.418	228	419	0.023	ng	# 56
34) Bis(2-ethylhexyl)phtha...	21.328	149	879	0.114	ng	96

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

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Misc :
ALS Vial : 17 Sample Multiplier: 1

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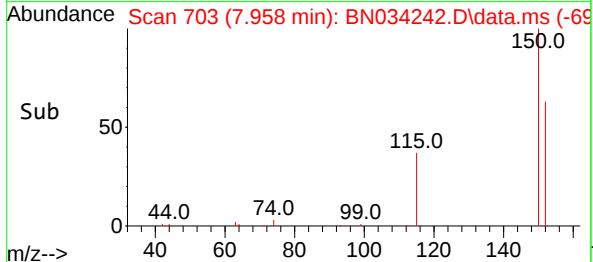
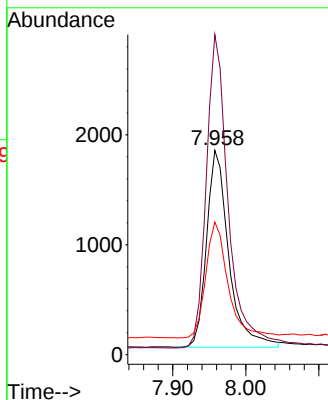
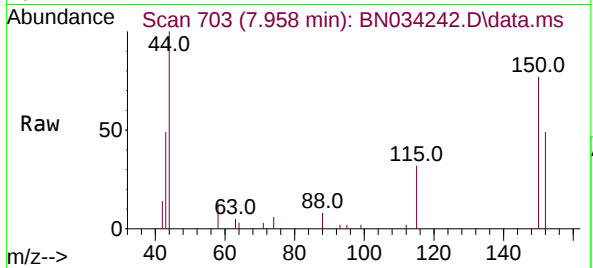




#1
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.958 min Scan# 70
Delta R.T. -0.014 min
Lab File: BN034242.D
Acq: 26 Sep 2024 01:36

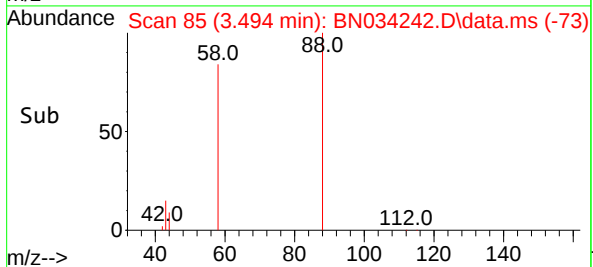
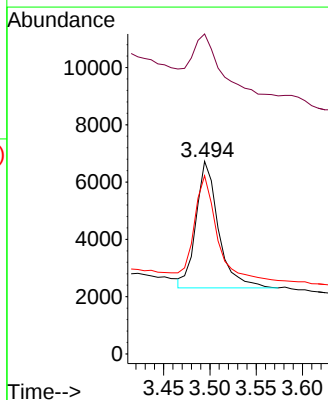
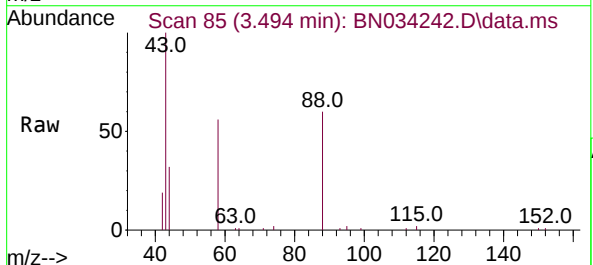
Instrument :
BNA_N
ClientSampleId :
DUP06-20240919

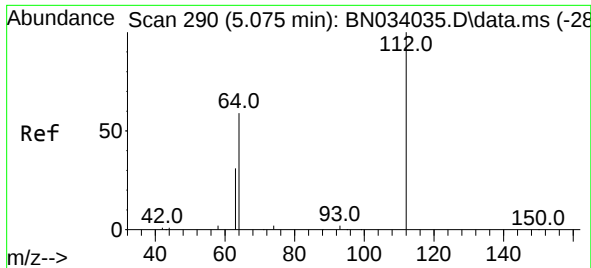
Tgt Ion:152 Resp: 3792
Ion Ratio Lower Upper
152 100
150 156.6 124.6 187.0
115 64.9 50.0 75.0



#2
1,4-Dioxane
Concen: 1.576 ng
RT: 3.494 min Scan# 85
Delta R.T. -0.015 min
Lab File: BN034242.D
Acq: 26 Sep 2024 01:36

Tgt Ion: 88 Resp: 7470
Ion Ratio Lower Upper
88 100
43 64.7 25.8 38.8
58 84.2 58.8 88.2





#4

2-Fluorophenol

Concen: 0.094 ng

RT: 5.560 min Scan# 31

Delta R.T. -0.015 min

Lab File: BN034242.D

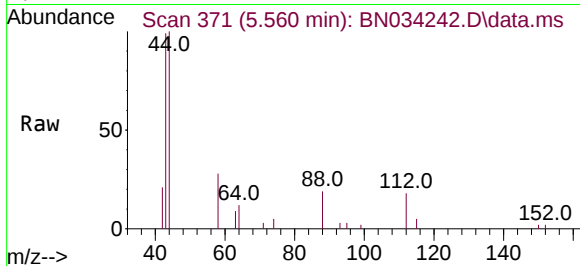
Acq: 26 Sep 2024 01:36

Instrument :

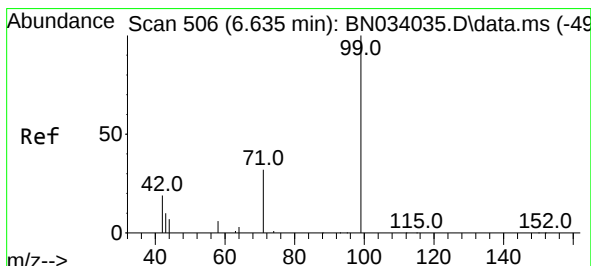
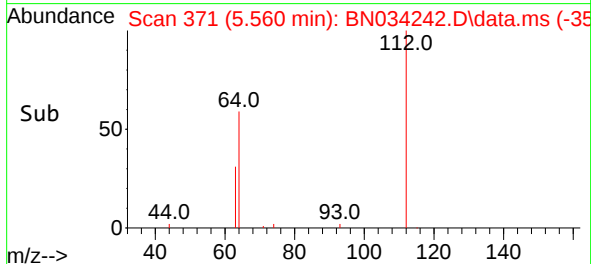
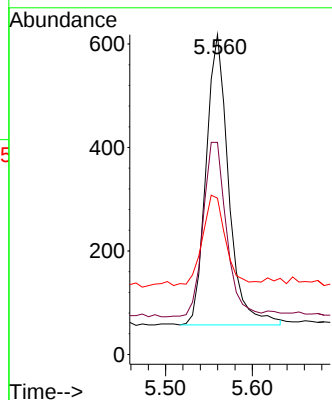
BNA_N

ClientSampleId :

DUP06-20240919



Tgt Ion:	112	Resp:	1014
Ion	Ratio	Lower	Upper
112	100		
64	62.2	48.6	72.8
63	32.2	25.6	38.4



#5

Phenol-d6

Concen: 0.031 ng

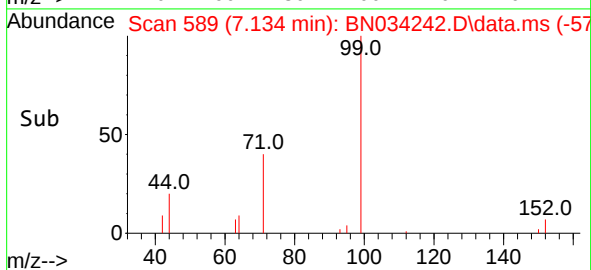
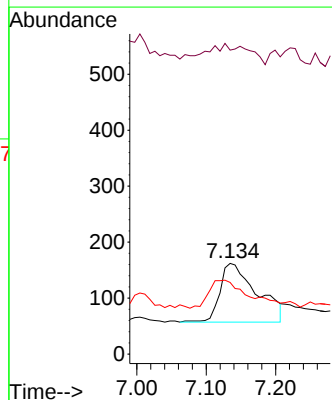
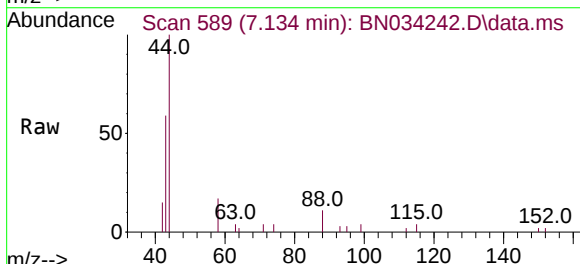
RT: 7.134 min Scan# 589

Delta R.T. -0.015 min

Lab File: BN034242.D

Acq: 26 Sep 2024 01:36

Tgt Ion:	99	Resp:	387
Ion	Ratio	Lower	Upper
99	100		
42	17.6	17.8	26.8#
71	50.9	26.2	39.2#

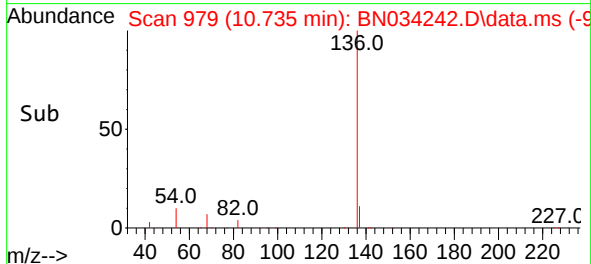
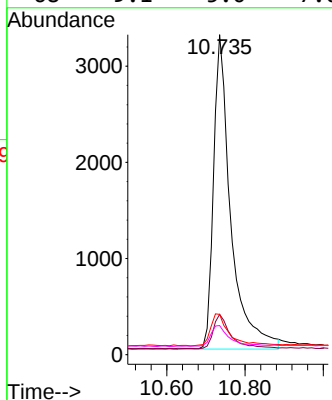
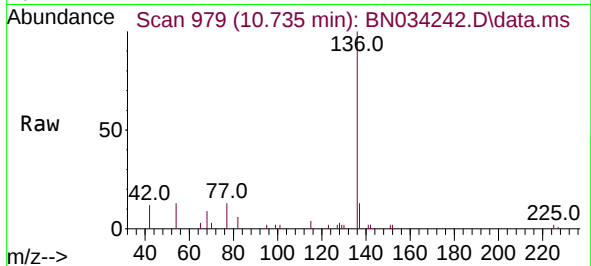




#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.735 min Scan# 915
Delta R.T. -0.011 min
Lab File: BN034242.D
Acq: 26 Sep 2024 01:36

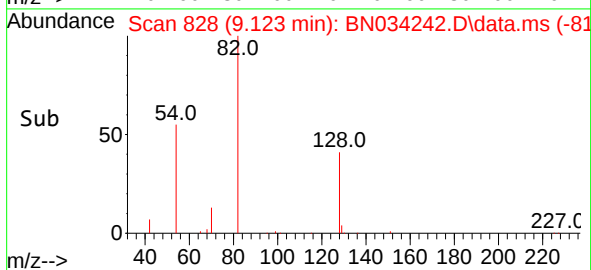
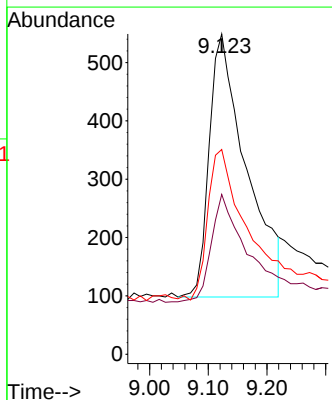
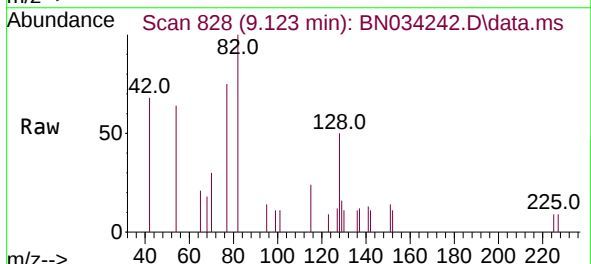
Instrument :
BNA_N
ClientSampleId :
DUP06-20240919

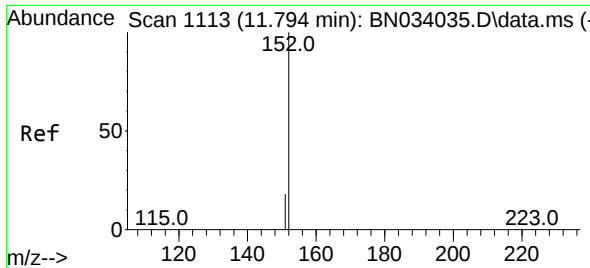
Tgt Ion:	136	Resp:	9998
Ion Ratio	Lower	Upper	
136	100		
137	12.6	9.0	13.6
54	12.6	6.8	10.2#
68	9.1	5.0	7.6#



#8
Nitrobenzene-d5
Concen: 0.259 ng
RT: 9.123 min Scan# 828
Delta R.T. -0.000 min
Lab File: BN034242.D
Acq: 26 Sep 2024 01:36

Tgt Ion:	82	Resp:	1981
Ion Ratio	Lower	Upper	
82	100		
128	49.9	31.4	47.2#
54	63.9	47.4	71.0

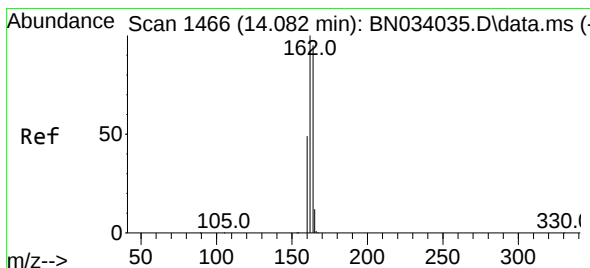
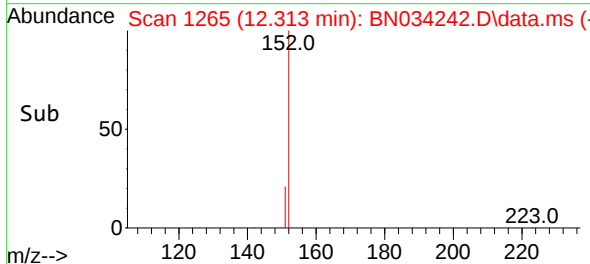
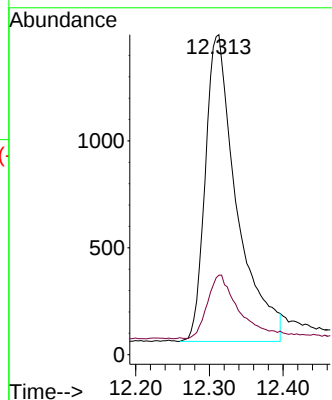
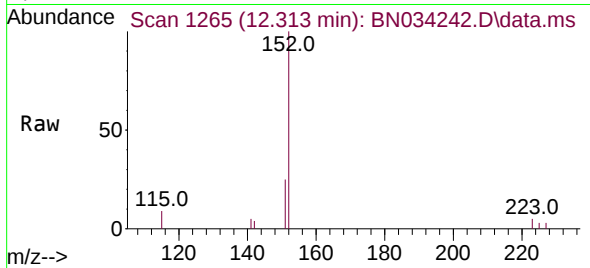




#11
2-Methylnaphthalene-d10
Concen: 0.287 ng
RT: 12.313 min Scan# 1113
Delta R.T. -0.011 min
Lab File: BN034242.D
Acq: 26 Sep 2024 01:36

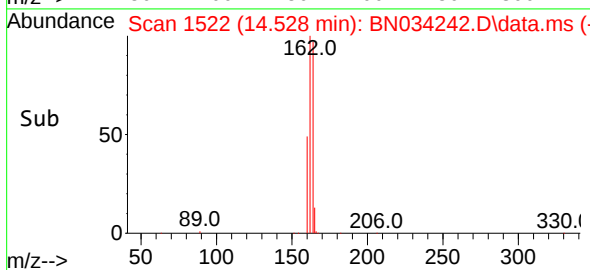
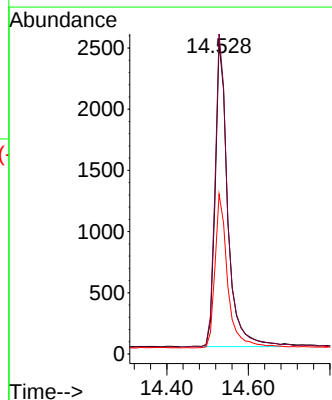
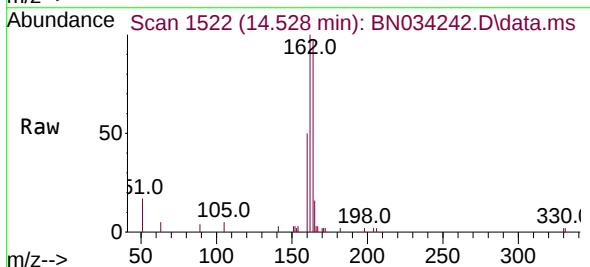
Instrument :
BNA_N
ClientSampleId :
DUP06-20240919

Tgt Ion:152 Resp: 4242
Ion Ratio Lower Upper
152 100
151 20.6 16.8 25.2



#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.528 min Scan# 1522
Delta R.T. -0.015 min
Lab File: BN034242.D
Acq: 26 Sep 2024 01:36

Tgt Ion:164 Resp: 5327
Ion Ratio Lower Upper
164 100
162 102.9 84.2 126.2
160 51.5 41.7 62.5

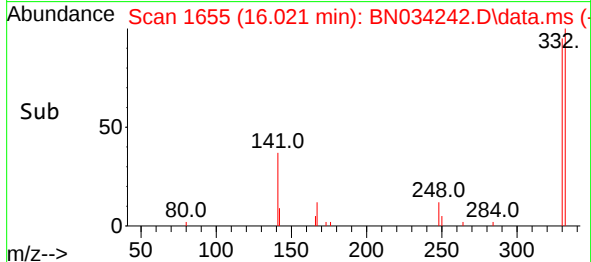
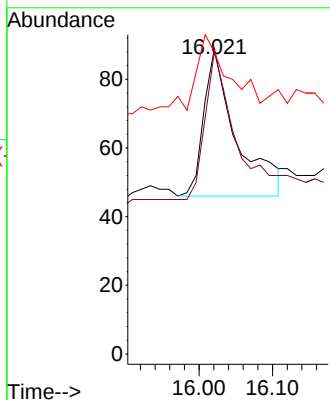
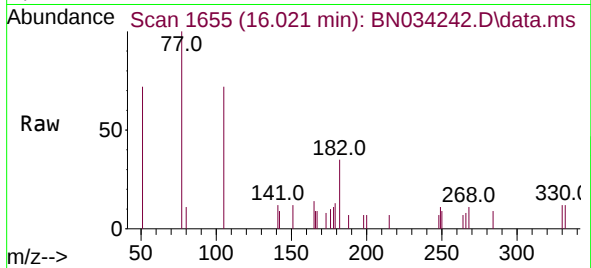




#14
2,4,6-Tribromophenol
Concen: 0.055 ng
RT: 16.021 min Scan# 1
Delta R.T. -0.006 min
Lab File: BN034242.D
Acq: 26 Sep 2024 01:36

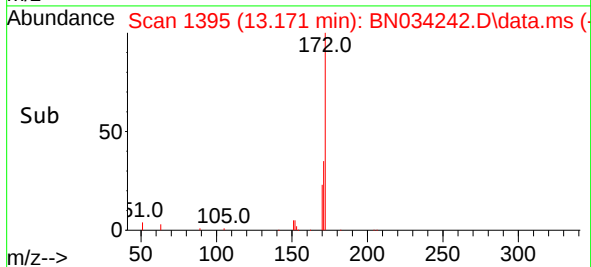
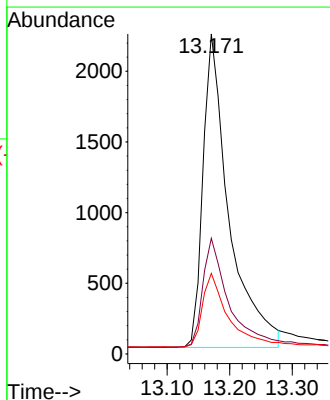
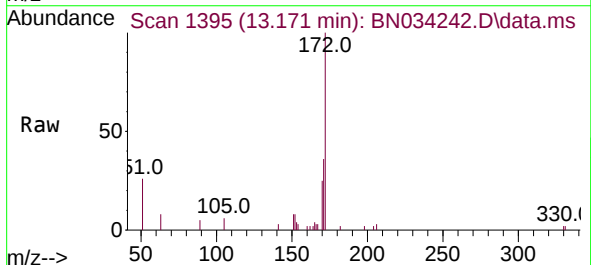
Instrument :
BNA_N
ClientSampleId :
DUP06-20240919

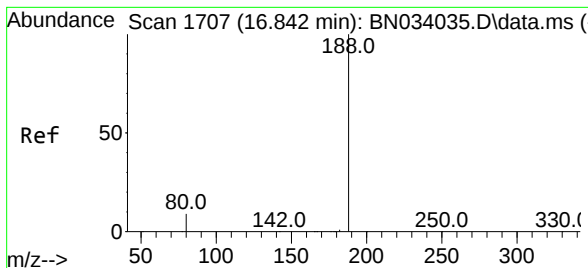
Tgt Ion:330 Resp: 132
Ion Ratio Lower Upper
330 100
332 91.7 77.4 116.0
141 53.8 35.9 53.9



#15
2-Fluorobiphenyl
Concen: 0.295 ng
RT: 13.171 min Scan# 1395
Delta R.T. -0.015 min
Lab File: BN034242.D
Acq: 26 Sep 2024 01:36

Tgt Ion:172 Resp: 6399
Ion Ratio Lower Upper
172 100
171 36.1 27.3 40.9
170 25.1 18.1 27.1





#19

Phenanthrene-d10

Concen: 0.400 ng

RT: 17.262 min Scan# 1711

Delta R.T. -0.018 min

Lab File: BN034242.D

Acq: 26 Sep 2024 01:36

Instrument :

BNA_N

ClientSampleId :

DUP06-20240919

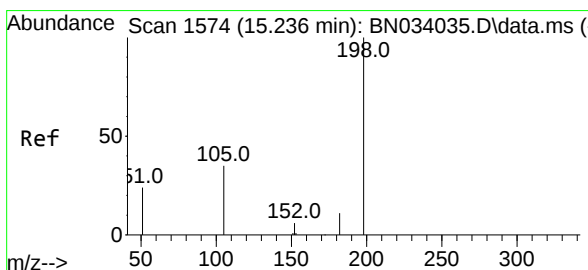
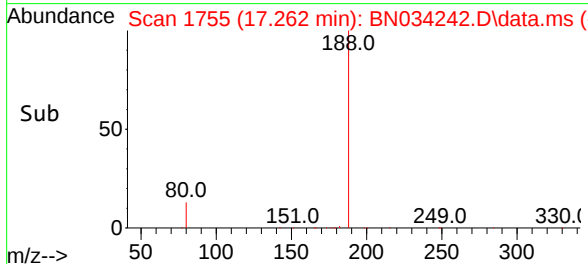
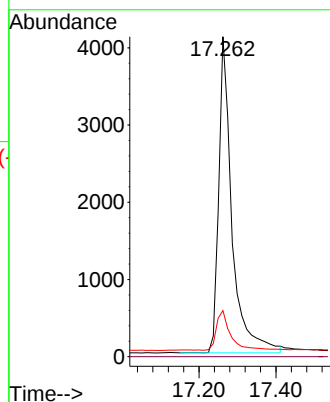
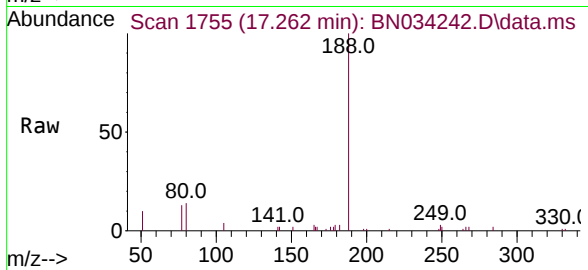
Tgt Ion:188 Resp: 9803

Ion Ratio Lower Upper

188 100

94 0.0 0.0 0.0

80 14.4 7.4 11.0#



#20

4,6-Dinitro-2-methylphenol

Concen: 0.144 ng

RT: 16.716 min Scan# 1711

Delta R.T. -0.030 min

Lab File: BN034242.D

Acq: 26 Sep 2024 01:36

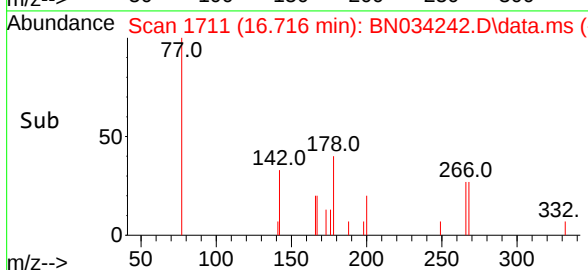
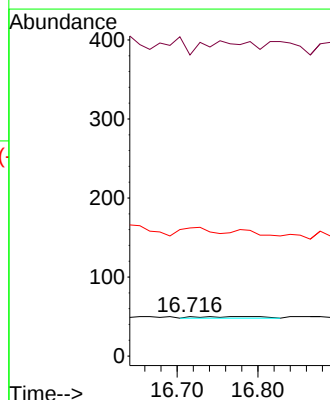
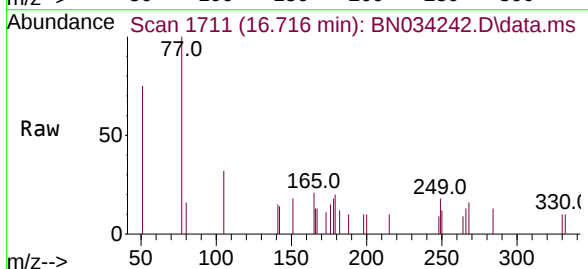
Tgt Ion:198 Resp: 11

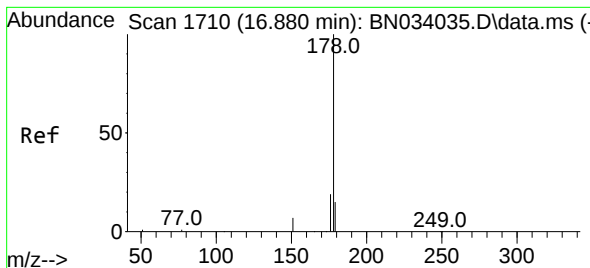
Ion Ratio Lower Upper

198 100

51 762.0 106.4 159.6#

105 324.0 38.5 57.7#





#25

Phenanthrene

Concen: 0.026 ng

RT: 17.299 min Scan# 1710

Delta R.T. -0.018 min

Lab File: BN034242.D

Acq: 26 Sep 2024 01:36

Instrument :

BNA_N

ClientSampleId :

DUP06-20240919

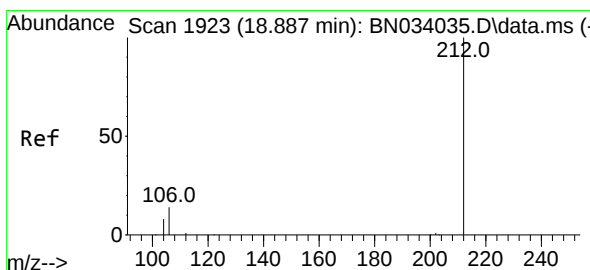
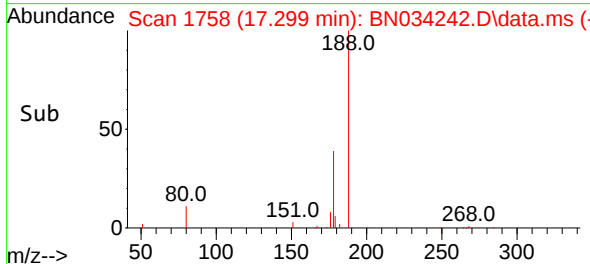
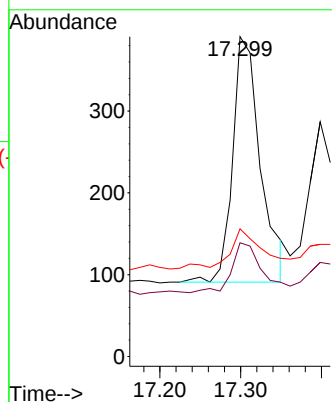
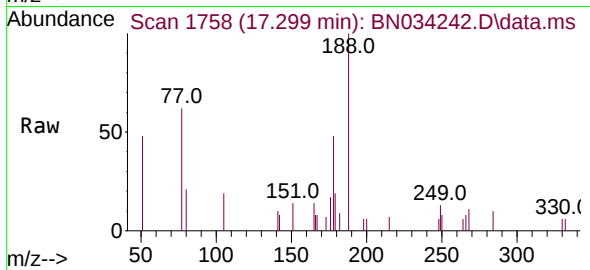
Tgt Ion:178 Resp: 718

Ion Ratio Lower Upper

178 100

176 21.6 15.3 22.9

179 17.7 12.1 18.1



#27

Fluoranthene-d10

Concen: 0.363 ng

RT: 19.282 min Scan# 2021

Delta R.T. -0.012 min

Lab File: BN034242.D

Acq: 26 Sep 2024 01:36

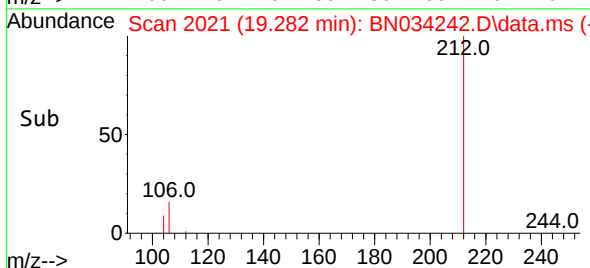
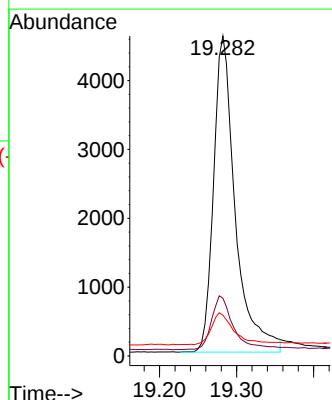
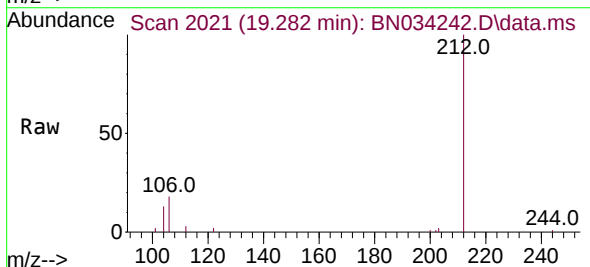
Tgt Ion:212 Resp: 8980

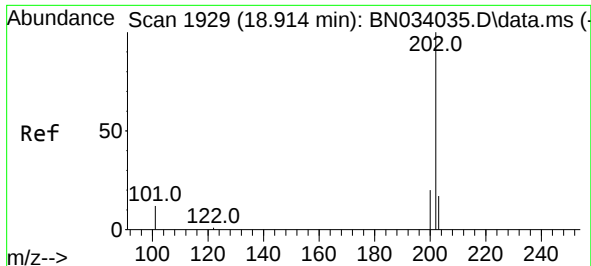
Ion Ratio Lower Upper

212 100

106 17.2 13.4 20.2

104 10.6 7.8 11.6

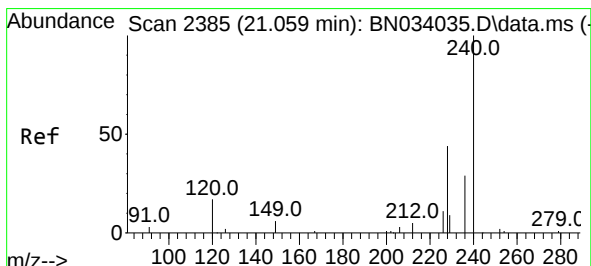
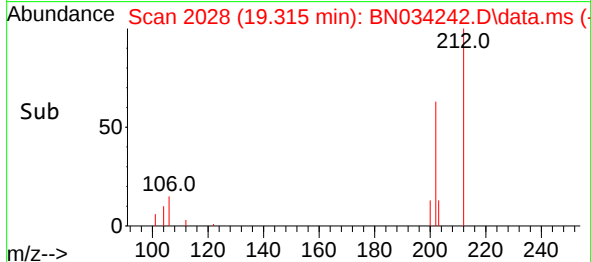
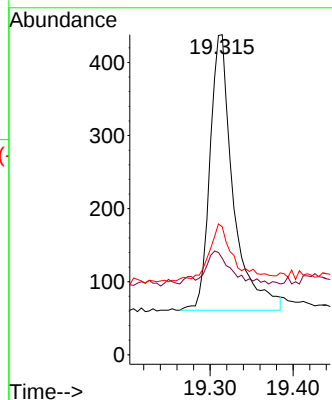
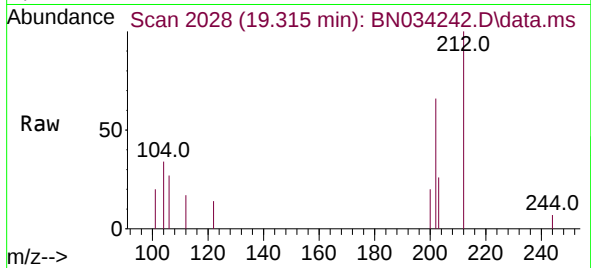




#28
Fluoranthene
Concen: 0.023 ng
RT: 19.315 min Scan# 20
Delta R.T. -0.007 min
Lab File: BN034242.D
Acq: 26 Sep 2024 01:36

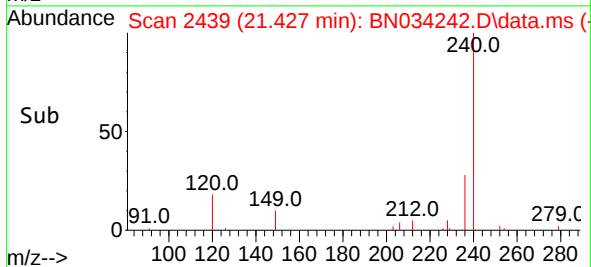
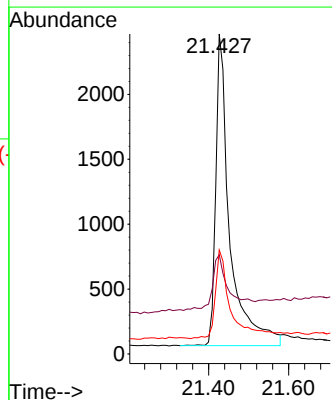
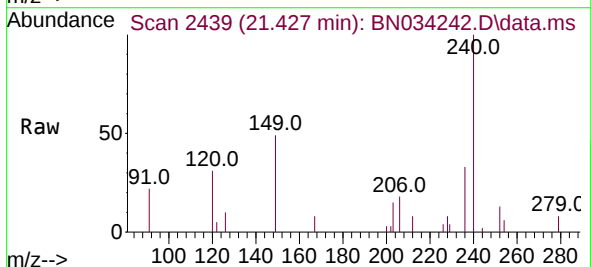
Instrument :
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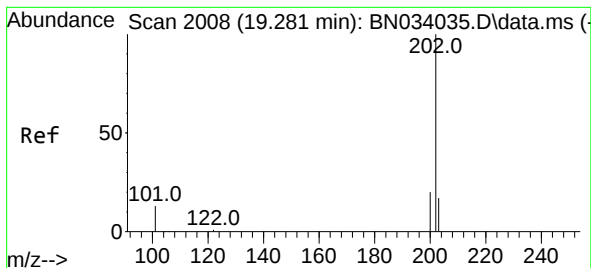
Tgt Ion:202 Resp: 734
Ion Ratio Lower Upper
202 100
101 12.8 10.1 15.1
203 23.3 13.6 20.4#



#29
Chrysene-d12
Concen: 0.400 ng
RT: 21.427 min Scan# 2439
Delta R.T. -0.011 min
Lab File: BN034242.D
Acq: 26 Sep 2024 01:36

Tgt Ion:240 Resp: 5855
Ion Ratio Lower Upper
240 100
120 31.0 13.5 20.3#
236 32.5 23.4 35.0





#30

Pyrene

Concen: 0.031 ng

RT: 19.672 min Scan# 2105

Delta R.T. -0.012 min

Lab File: BN034242.D

Acq: 26 Sep 2024 01:36

Instrument :

BNA_N

ClientSampleId :

DUP06-20240919

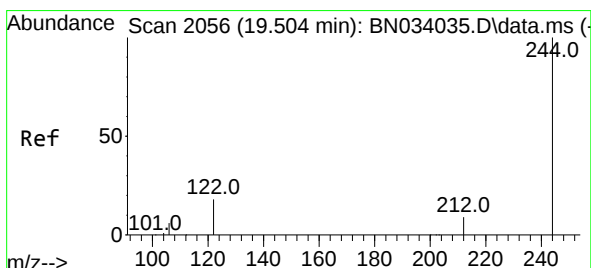
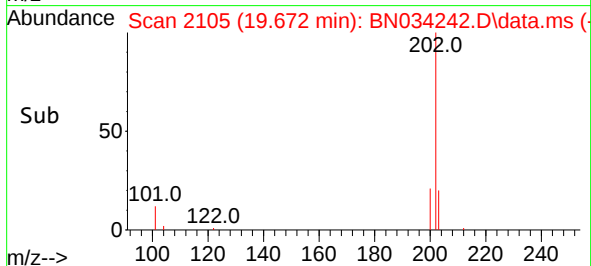
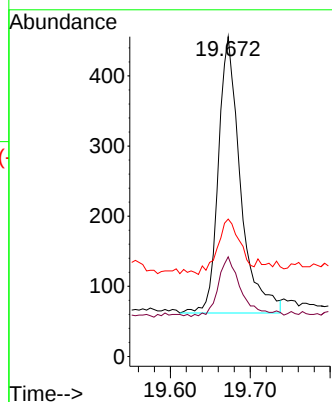
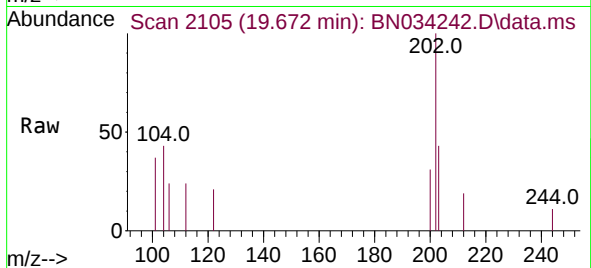
Tgt Ion:202 Resp: 758

Ion Ratio Lower Upper

202 100

200 22.7 16.6 25.0

203 20.6 14.3 21.5



#31

Terphenyl-d14

Concen: 0.476 ng

RT: 19.872 min Scan# 2148

Delta R.T. -0.016 min

Lab File: BN034242.D

Acq: 26 Sep 2024 01:36

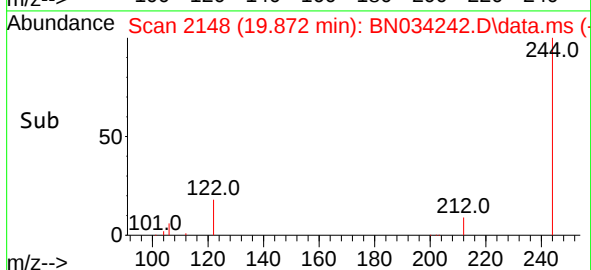
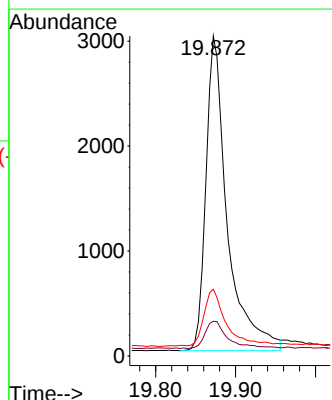
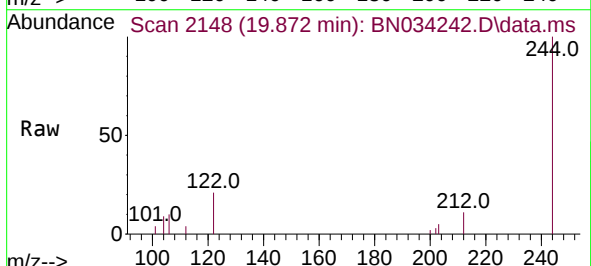
Tgt Ion:244 Resp: 5567

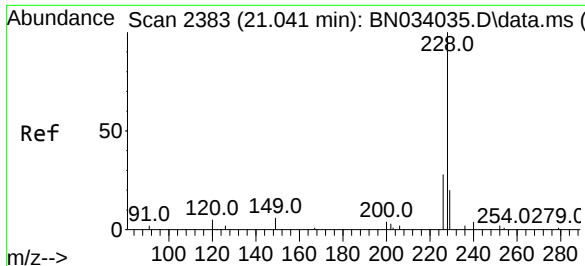
Ion Ratio Lower Upper

244 100

212 10.9 7.8 11.6

122 20.8 14.8 22.2

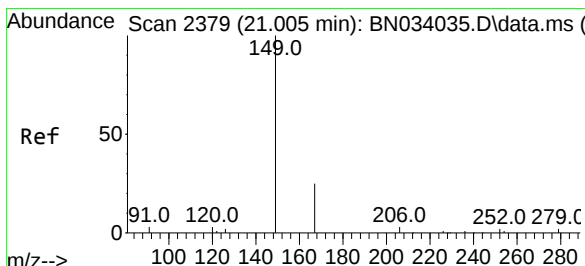
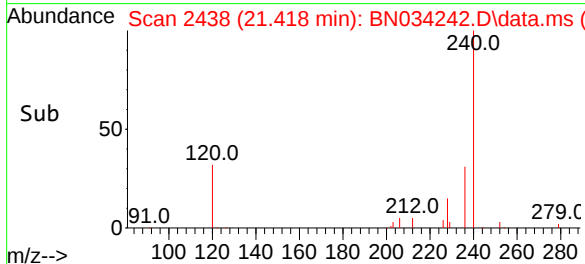
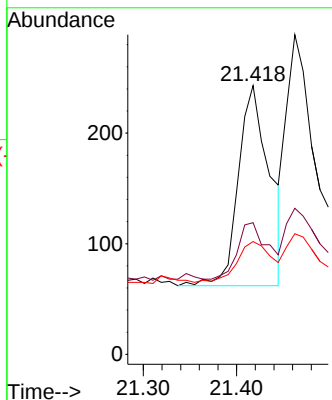
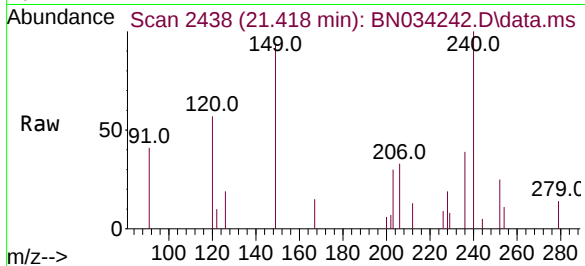




#32
Benzo(a)anthracene
Concen: 0.023 ng
RT: 21.418 min Scan# 2438
Delta R.T. -0.002 min
Lab File: BN034242.D
Acq: 26 Sep 2024 01:36

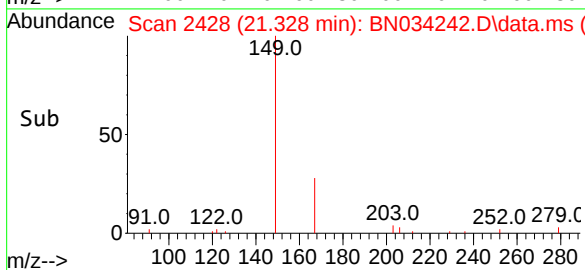
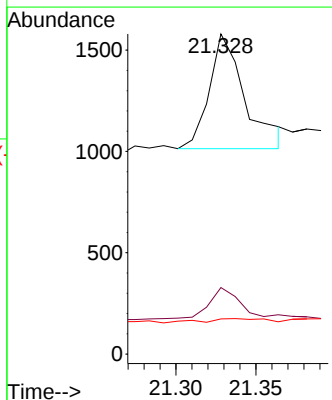
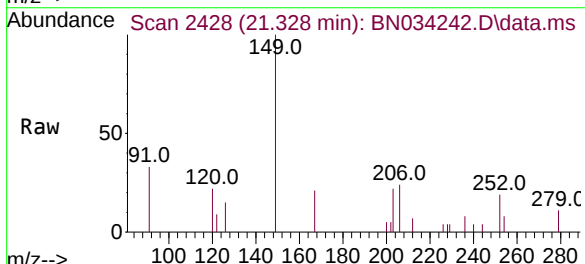
Instrument :
BNA_N
ClientSampleId :
DUP06-20240919

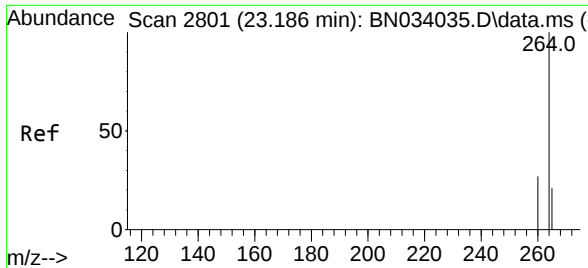
Tgt Ion:228 Resp: 419
Ion Ratio Lower Upper
228 100
226 49.0 22.3 33.5#
229 42.0 15.7 23.5#



#34
Bis(2-ethylhexyl)phthalate
Concen: 0.114 ng
RT: 21.328 min Scan# 2428
Delta R.T. -0.011 min
Lab File: BN034242.D
Acq: 26 Sep 2024 01:36

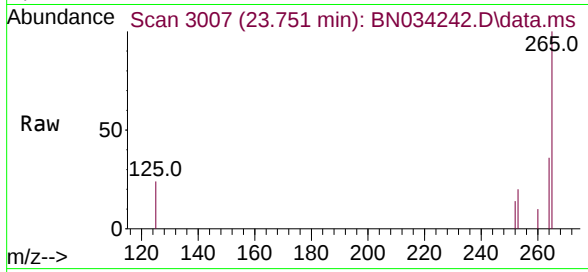
Tgt Ion:149 Resp: 879
Ion Ratio Lower Upper
149 100
167 22.4 19.9 29.9
279 6.4 4.6 6.8





#35
Perylene-d12
Concen: 0.400 ng
RT: 23.751 min Scan# 30
Delta R.T. -0.017 min
Lab File: BN034242.D
Acq: 26 Sep 2024 01:36

Instrument :
BNA_N
ClientSampleId :
DUP06-20240919



Tgt Ion:264 Resp: 5049

Ion	Ratio	Lower	Upper
264	100		
260	28.6	21.7	32.5
265	274.2	52.1	78.1#

