

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN082622\
 Data File : BN021399.D
 Acq On : 27 Aug 2022 01:56
 Operator : CG/JU
 Sample : PB147294BL
 Misc :
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 PB147294BL

Quant Time: Aug 27 04:06:59 2022
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\8270-SIM-BN082422.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Aug 26 23:37:03 2022
 Response via : Initial Calibration

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

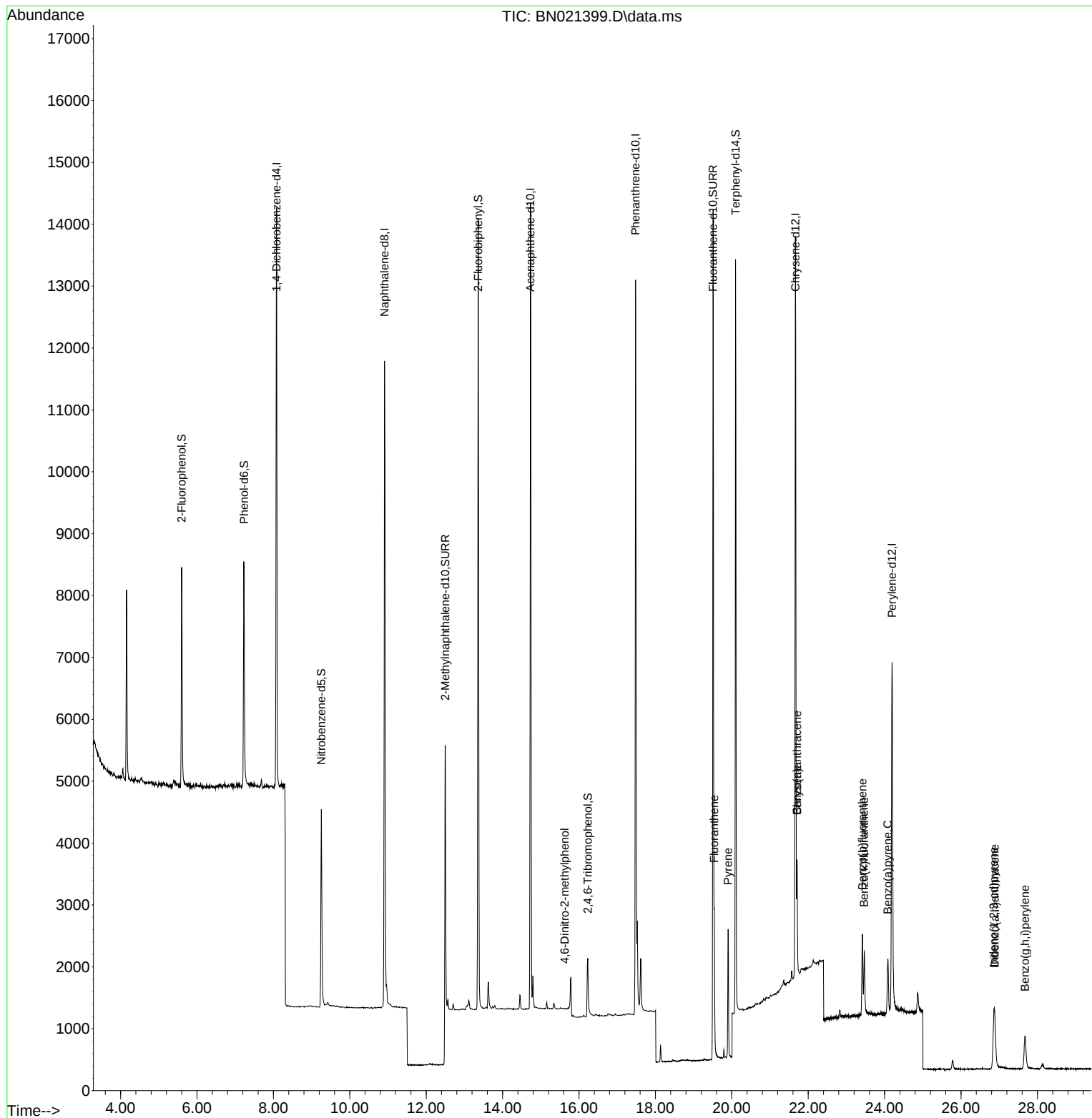
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.083	152	4814	0.400	ng	0.00
7) Naphthalene-d8	10.909	136	14648	0.400	ng	0.00
13) Acenaphthene-d10	14.728	164	7724	0.400	ng	0.00
19) Phenanthrene-d10	17.480	188	16446	0.400	ng	0.00
29) Chrysene-d12	21.664	240	11492	0.400	ng	# 0.00
35) Perylene-d12	24.194	264	9131	0.400	ng	0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.599	112	3129	0.240	ng	0.00
5) Phenol-d6	7.231	99	4029	0.247	ng	0.00
8) Nitrobenzene-d5	9.254	82	2912	0.263	ng	0.00
11) 2-Methylnaphthalene-d10	12.497	152	9795	0.396	ng	0.00
14) 2,4,6-Tribromophenol	16.229	330	698	0.197	ng	0.01
15) 2-Fluorobiphenyl	13.360	172	11295	0.327	ng	0.00
27) Fluoranthene-d10	19.510	212	14815	0.301	ng	0.00
31) Terphenyl-d14	20.097	244	11004	0.453	ng	0.00
Target Compounds						
						Qvalue
20) 4,6-Dinitro-2-methylph...	15.626	198	3	0.139	ng	92
28) Fluoranthene	19.539	202	1919	0.029	ng	97
30) Pyrene	19.902	202	2165	0.037	ng	97
32) Benzo(a)anthracene	21.709	228	1627	0.037	ng	92
33) Chrysene	21.709	228	1623	0.034	ng	95
36) Indeno(1,2,3-cd)pyrene	26.857	276	1478	0.032	ng	97
37) Benzo(b)fluoranthene	23.419	252	1632	0.041	ng	# 56
38) Benzo(k)fluoranthene	23.466	252	1411	0.034	ng	# 63
39) Benzo(a)pyrene	24.083	252	1107	0.034	ng	# 7
40) Dibenzo(a,h)anthracene	26.881	278	1135	0.030	ng	# 64
41) Benzo(g,h,i)perylene	27.676	276	1270	0.032	ng	# 81

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

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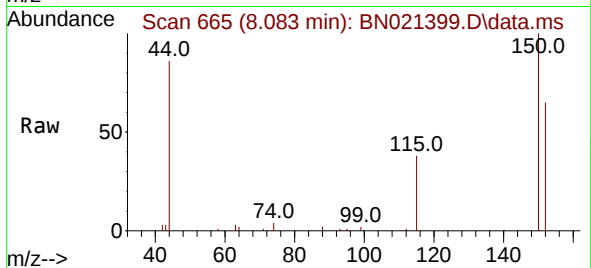
Quant Time: Aug 27 04:06:59 2022
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\8270-SIM-BN082422.M
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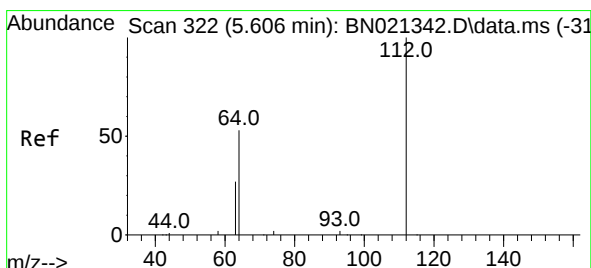
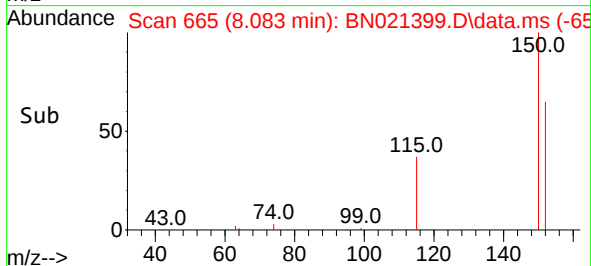
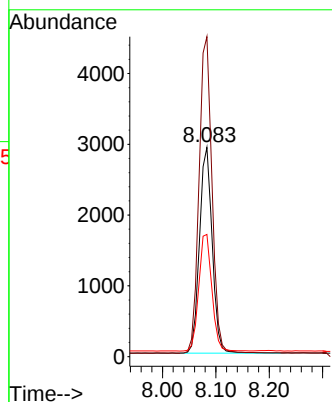


#1
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 8.083 min Scan# 60
Delta R.T. 0.000 min
Lab File: BN021399.D
Acq: 27 Aug 2022 01:56

Instrument :
BNA_N
ClientSampleId :
PB147294BL

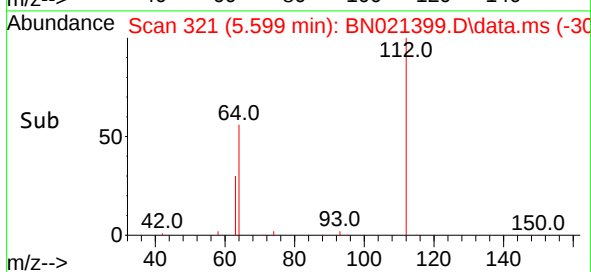
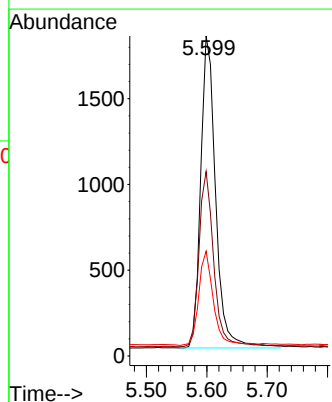
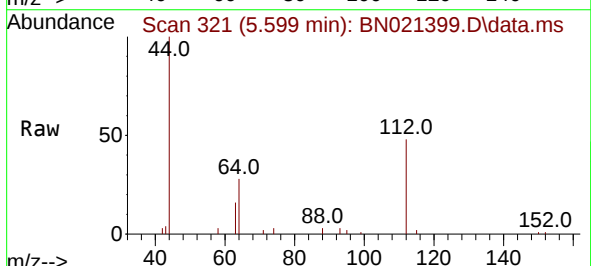


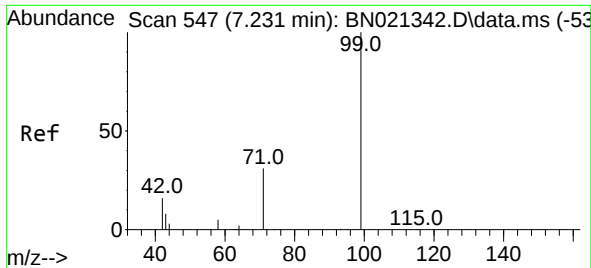
Tgt Ion:152 Resp: 4814
Ion Ratio Lower Upper
152 100
150 152.9 121.4 182.0
115 58.4 48.6 72.8



#4
2-Fluorophenol
Concen: 0.240 ng
RT: 5.599 min Scan# 321
Delta R.T. -0.000 min
Lab File: BN021399.D
Acq: 27 Aug 2022 01:56

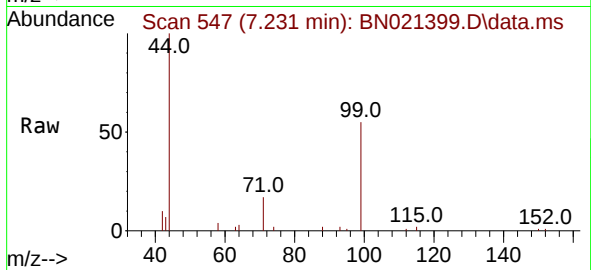
Tgt Ion:112 Resp: 3129
Ion Ratio Lower Upper
112 100
64 55.4 43.5 65.3
63 29.4 22.6 34.0



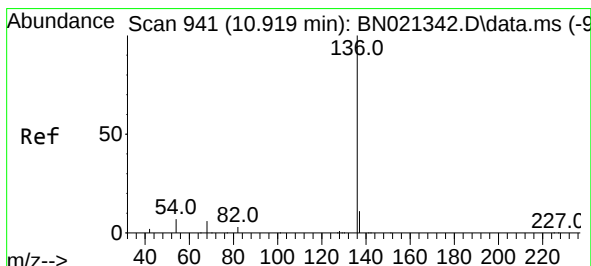
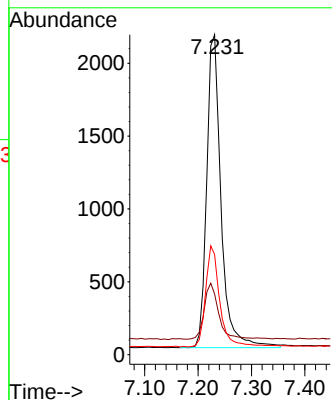
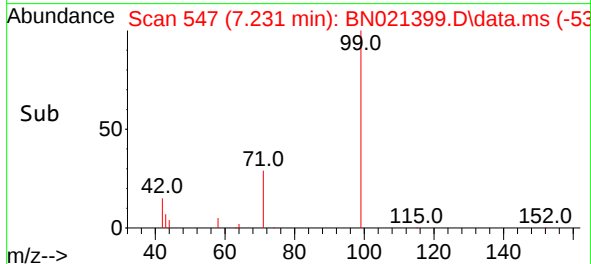


#5
Phenol-d6
Concen: 0.247 ng
RT: 7.231 min Scan# 54
Delta R.T. -0.000 min
Lab File: BN021399.D
Acq: 27 Aug 2022 01:56

Instrument :
BNA_N
ClientSampleId :
PB147294BL

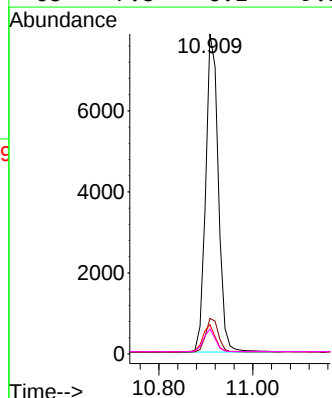
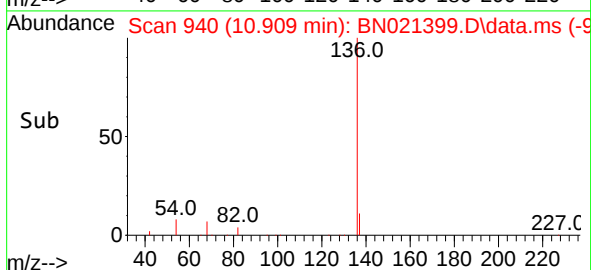
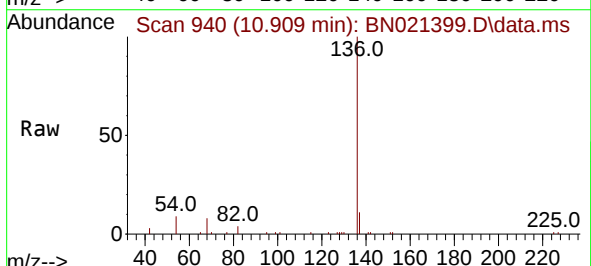


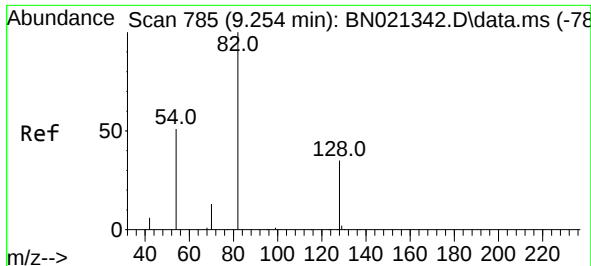
Tgt Ion:	99	Resp:	4029
Ion	Ratio	Lower	Upper
99	100		
42	17.7	15.5	23.3
71	32.0	24.2	36.2



#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.909 min Scan# 940
Delta R.T. -0.000 min
Lab File: BN021399.D
Acq: 27 Aug 2022 01:56

Tgt Ion:	136	Resp:	14648
Ion	Ratio	Lower	Upper
136	100		
137	11.1	9.3	13.9
54	9.1	6.9	10.3
68	7.8	6.1	9.1

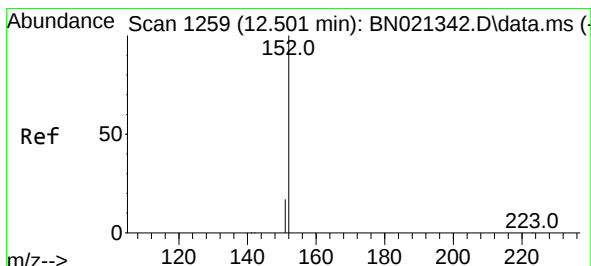
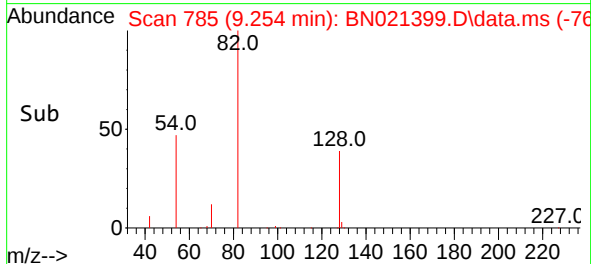
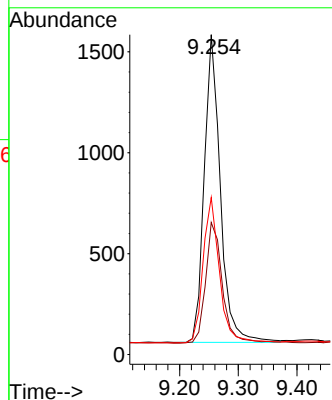
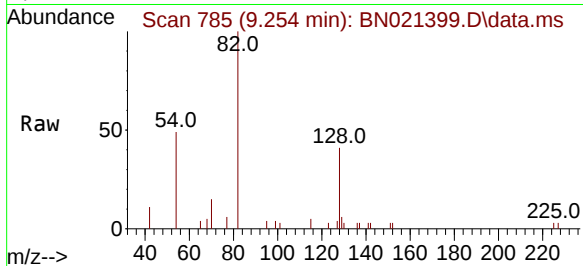




#8
 Nitrobenzene-d5
 Concen: 0.263 ng
 RT: 9.254 min Scan# 785
 Delta R.T. -0.000 min
 Lab File: BN021399.D
 Acq: 27 Aug 2022 01:56

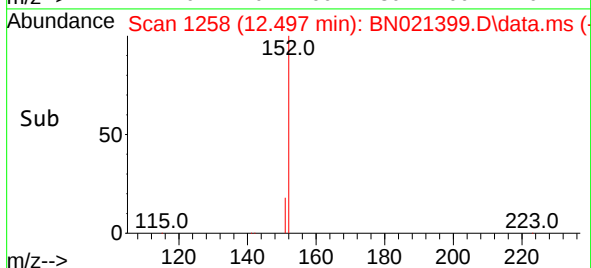
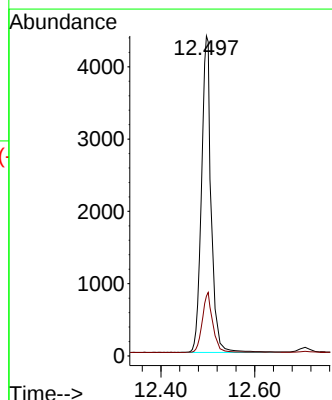
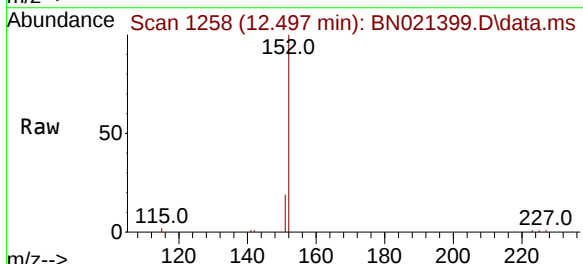
Instrument :
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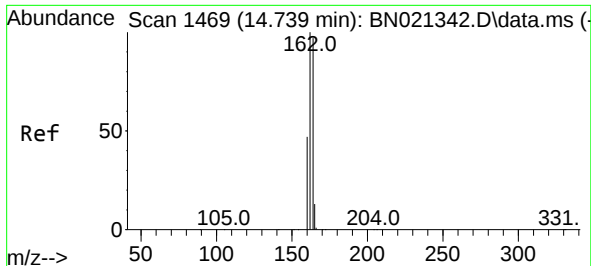
Tgt Ion: 82 Resp: 2912
 Ion Ratio Lower Upper
 82 100
 128 41.3 30.9 46.3
 54 49.1 42.7 64.1



#11
 2-Methylnaphthalene-d10
 Concen: 0.396 ng
 RT: 12.497 min Scan# 1258
 Delta R.T. -0.000 min
 Lab File: BN021399.D
 Acq: 27 Aug 2022 01:56

Tgt Ion: 152 Resp: 9795
 Ion Ratio Lower Upper
 152 100
 151 18.4 14.5 21.7

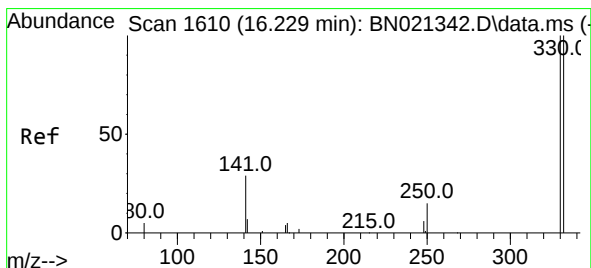
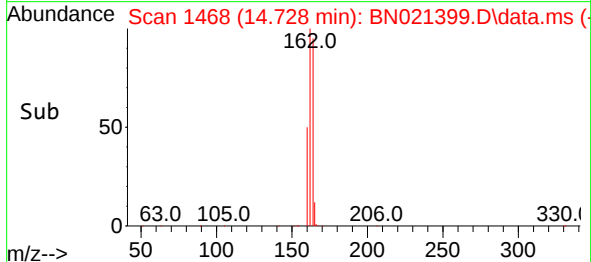
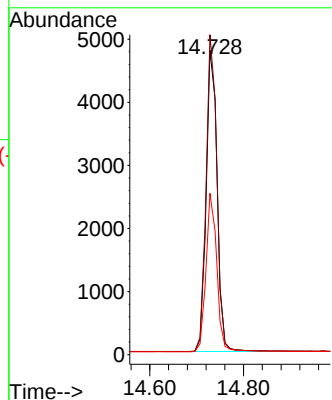
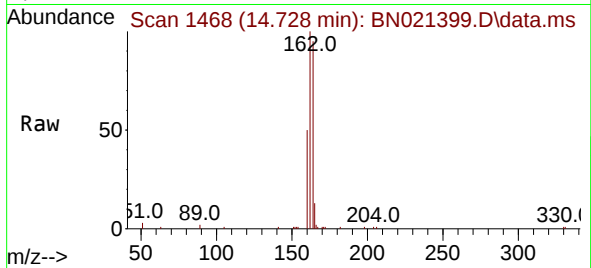




#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.728 min Scan# 1468
Delta R.T. -0.000 min
Lab File: BN021399.D
Acq: 27 Aug 2022 01:56

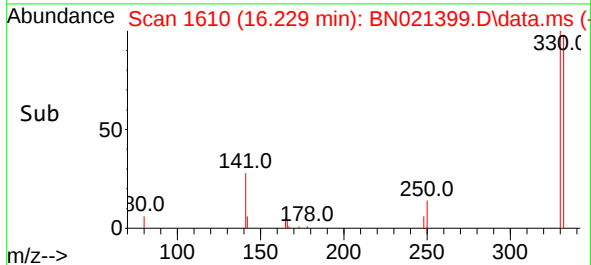
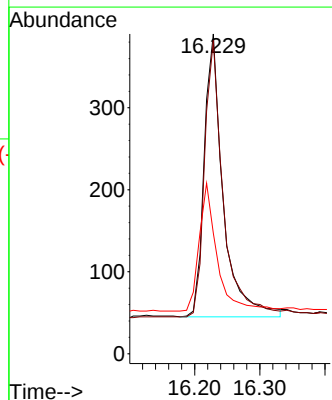
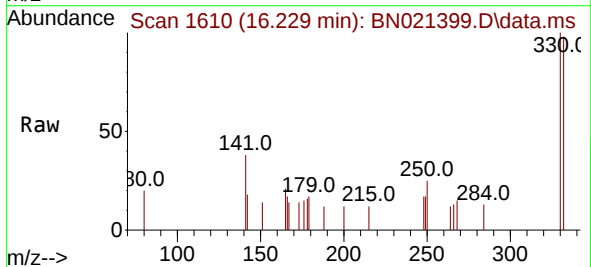
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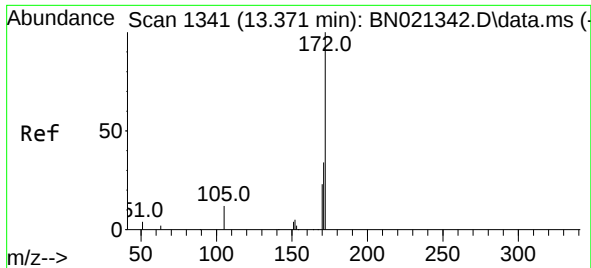
Tgt Ion:164 Resp: 7724
Ion Ratio Lower Upper
164 100
162 105.1 82.2 123.4
160 53.0 39.5 59.3



#14
2,4,6-Tribromophenol
Concen: 0.197 ng
RT: 16.229 min Scan# 1610
Delta R.T. 0.010 min
Lab File: BN021399.D
Acq: 27 Aug 2022 01:56

Tgt Ion:330 Resp: 698
Ion Ratio Lower Upper
330 100
332 97.0 79.3 118.9
141 42.7 37.1 55.7

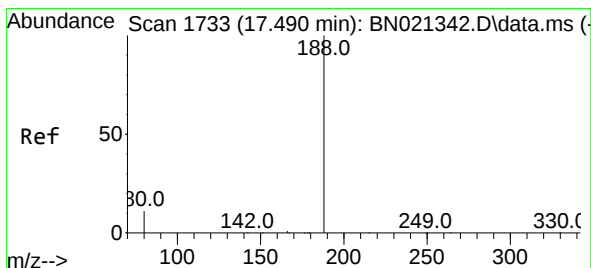
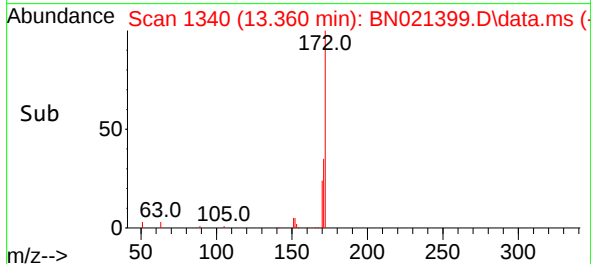
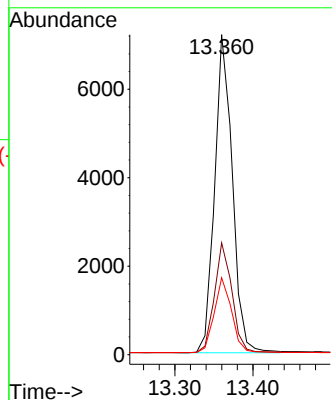
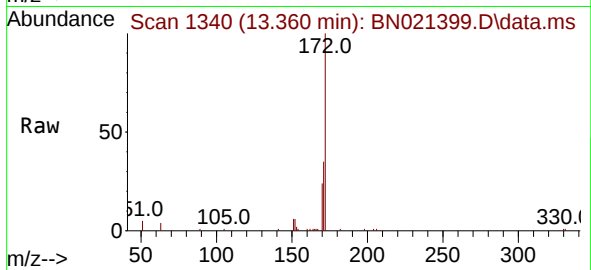




#15
2-Fluorobiphenyl
Concen: 0.327 ng
RT: 13.360 min Scan# 11
Delta R.T. -0.000 min
Lab File: BN021399.D
Acq: 27 Aug 2022 01:56

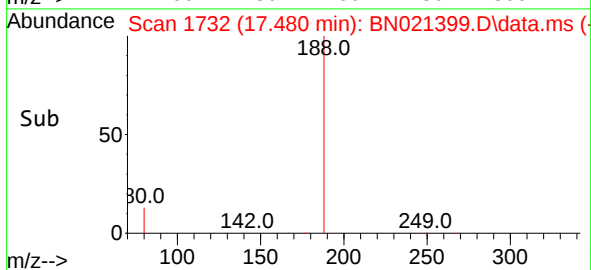
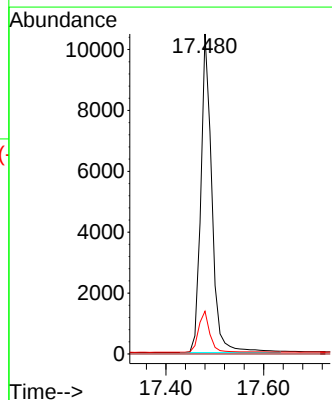
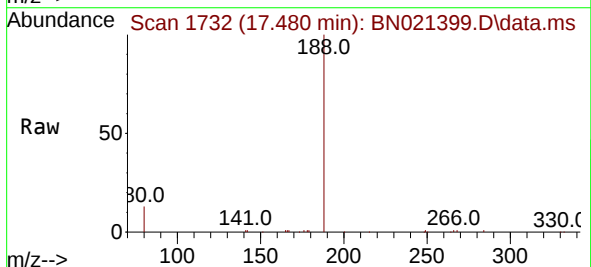
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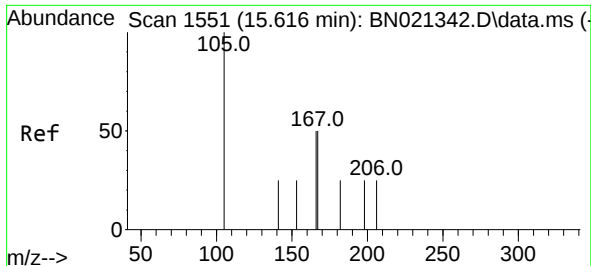
Tgt Ion:172 Resp: 11295
Ion Ratio Lower Upper
172 100
171 34.9 27.8 41.6
170 24.1 18.6 28.0



#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.480 min Scan# 1732
Delta R.T. -0.000 min
Lab File: BN021399.D
Acq: 27 Aug 2022 01:56

Tgt Ion:188 Resp: 16446
Ion Ratio Lower Upper
188 100
94 0.0 0.0 0.0
80 13.4 9.5 14.3

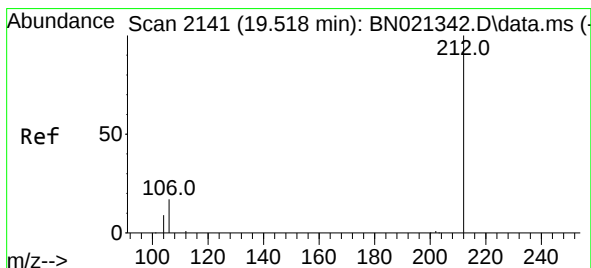
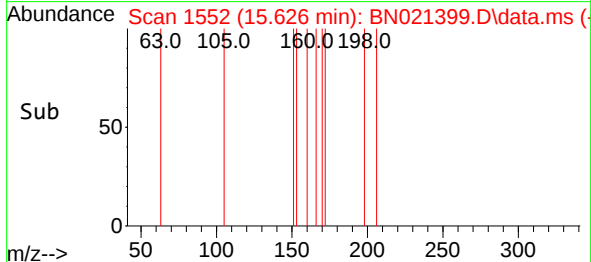
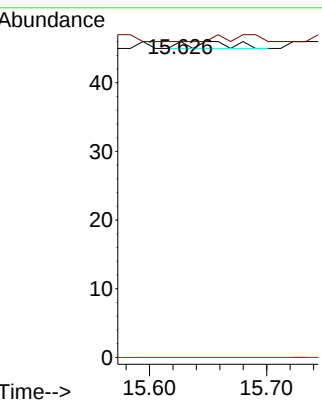
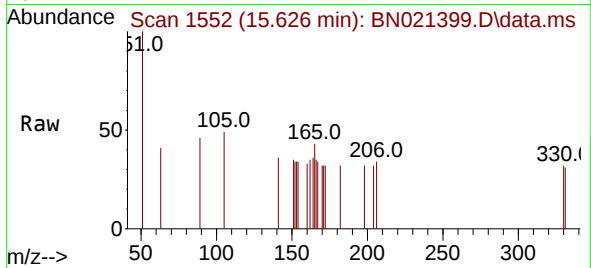




#20
4,6-Dinitro-2-methylphenol
Concen: 0.139 ng
RT: 15.626 min Scan# 11
Delta R.T. -0.000 min
Lab File: BN021399.D
Acq: 27 Aug 2022 01:56

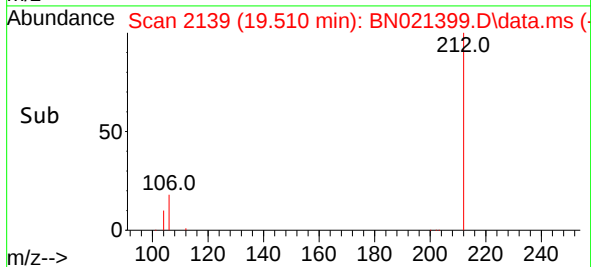
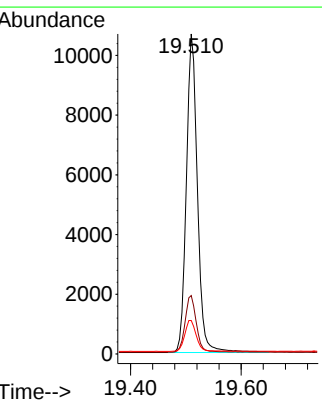
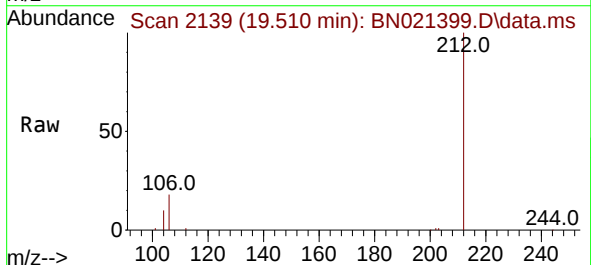
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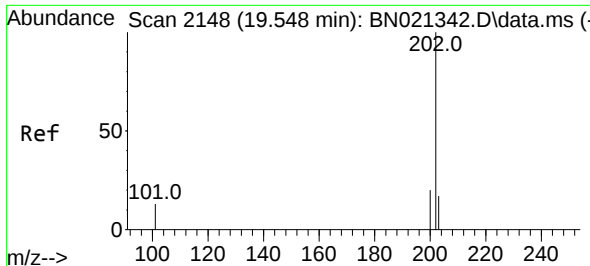
Tgt Ion:198 Resp: 3
Ion Ratio Lower Upper
198 100
182 100.0 86.6 130.0
77 0.0 0.0 0.0



#27
Fluoranthene-d10
Concen: 0.301 ng
RT: 19.510 min Scan# 2139
Delta R.T. -0.000 min
Lab File: BN021399.D
Acq: 27 Aug 2022 01:56

Tgt Ion:212 Resp: 14815
Ion Ratio Lower Upper
212 100
106 18.0 14.2 21.2
104 10.3 7.8 11.6

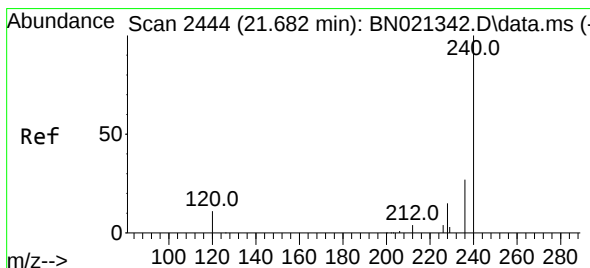
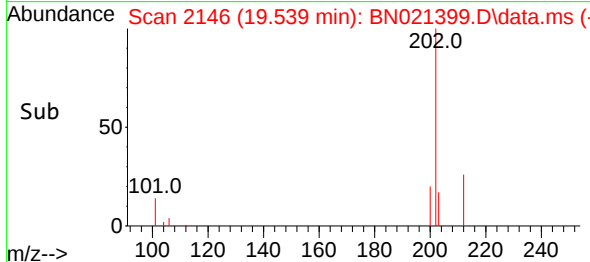
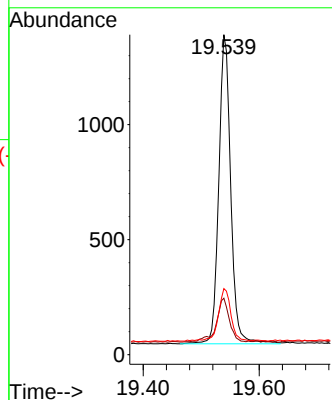
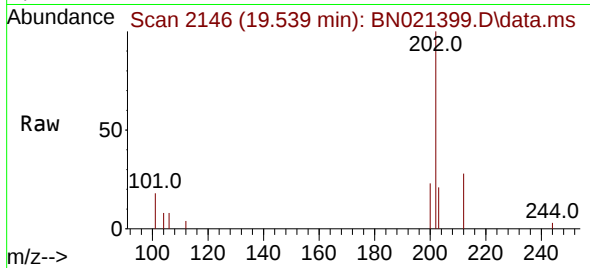




#28
Fluoranthene
Concen: 0.029 ng
RT: 19.539 min Scan# 2146
Delta R.T. -0.004 min
Lab File: BN021399.D
Acq: 27 Aug 2022 01:56

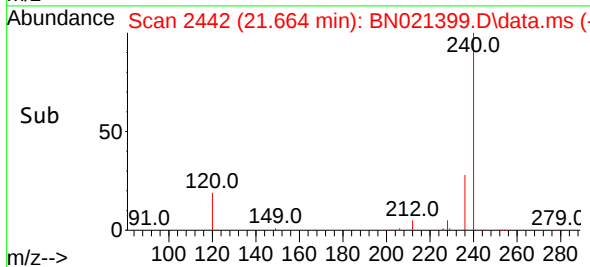
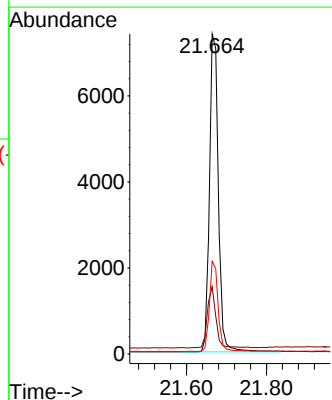
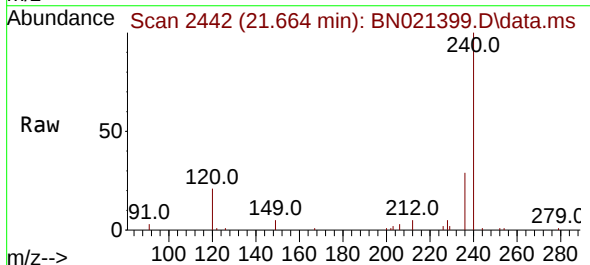
Instrument :
BNA_N
ClientSampleId :
PB147294BL

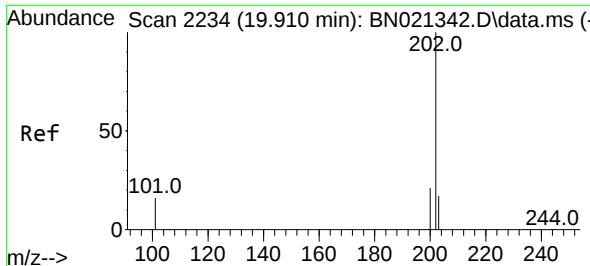
Tgt Ion:	202	Resp:	1919
Ion Ratio	Lower	Upper	
202	100		
101	15.3	10.9	16.3
203	17.8	13.8	20.6



#29
Chrysene-d12
Concen: 0.400 ng
RT: 21.664 min Scan# 2442
Delta R.T. -0.009 min
Lab File: BN021399.D
Acq: 27 Aug 2022 01:56

Tgt Ion:	240	Resp:	11492
Ion Ratio	Lower	Upper	
240	100		
120	21.0	10.2	15.4
236	29.0	22.1	33.1

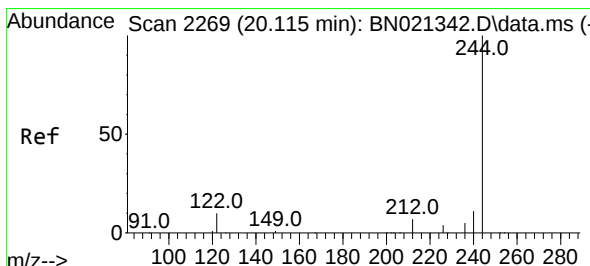
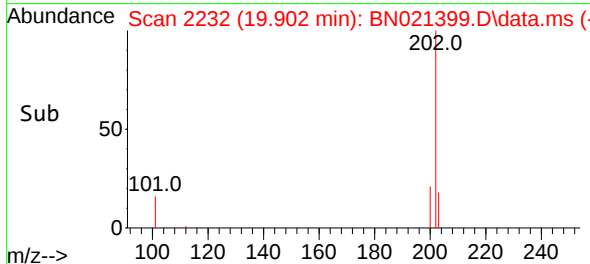
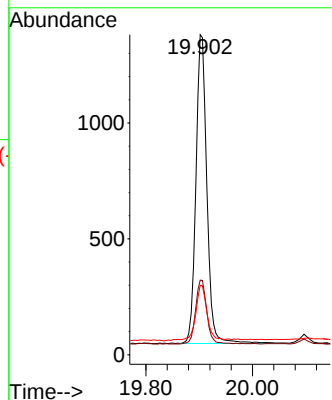
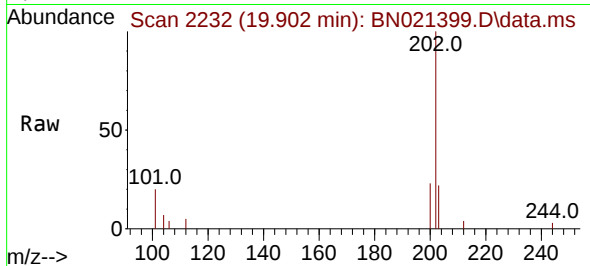




#30
Pyrene
Concen: 0.037 ng
RT: 19.902 min Scan# 21
Delta R.T. -0.004 min
Lab File: BN021399.D
Acq: 27 Aug 2022 01:56

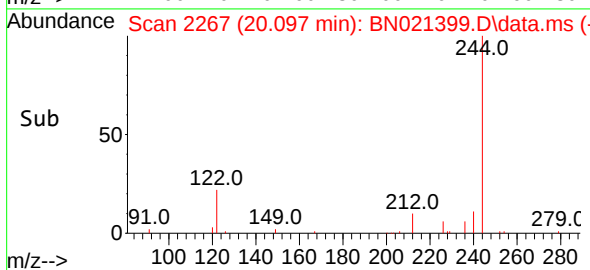
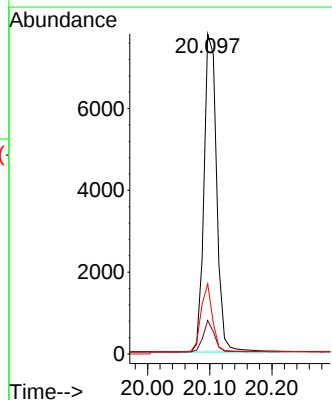
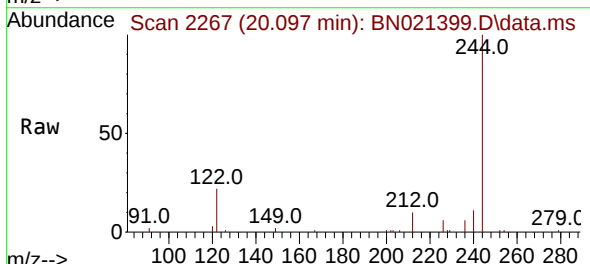
Instrument :
BNA_N
ClientSampleId :
PB147294BL

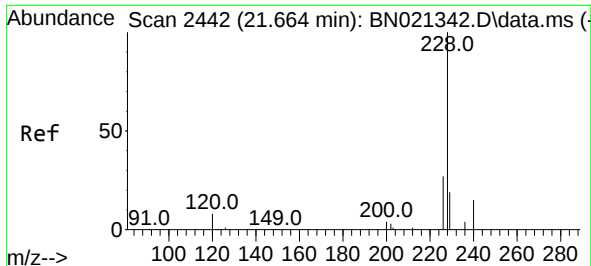
Tgt Ion:202 Resp: 2165
Ion Ratio Lower Upper
202 100
200 18.3 13.9 20.9
203 16.7 11.9 17.9



#31
Terphenyl-d14
Concen: 0.453 ng
RT: 20.097 min Scan# 2267
Delta R.T. -0.009 min
Lab File: BN021399.D
Acq: 27 Aug 2022 01:56

Tgt Ion:244 Resp: 11004
Ion Ratio Lower Upper
244 100
212 10.5 6.5 9.7#
122 21.9 9.1 13.7#

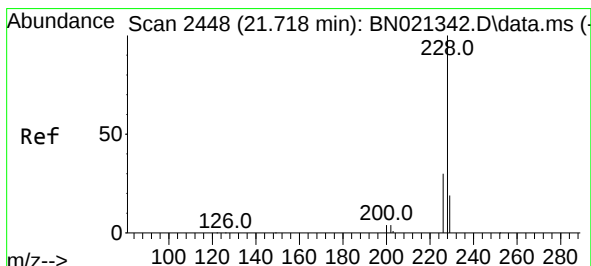
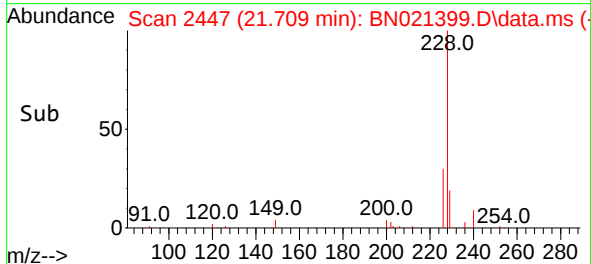
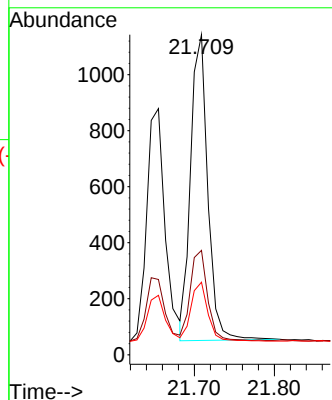
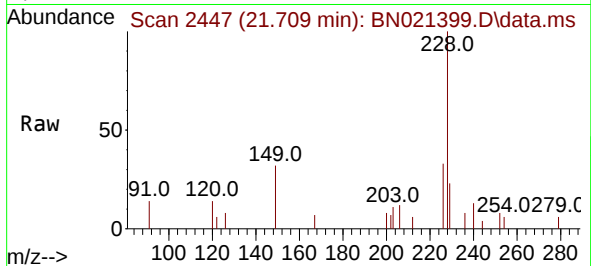




#32
Benzo(a)anthracene
Concen: 0.037 ng
RT: 21.709 min Scan# 2447
Delta R.T. 0.053 min
Lab File: BN021399.D
Acq: 27 Aug 2022 01:56

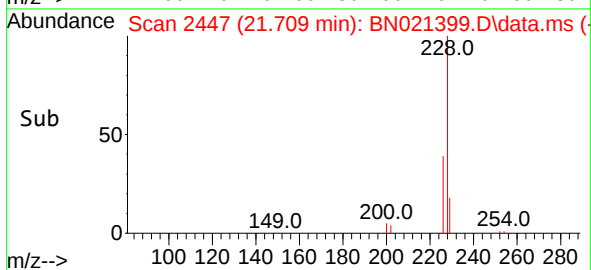
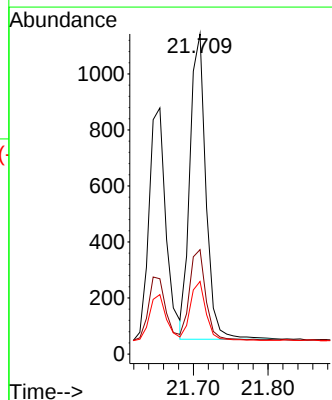
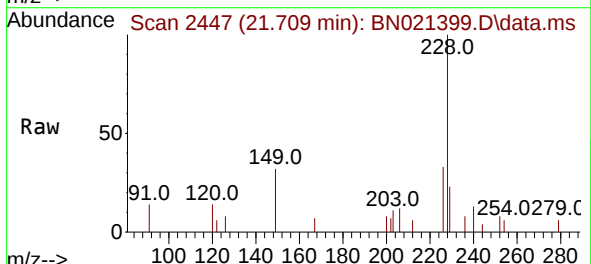
Instrument :
BNA_N
ClientSampleId :
PB147294BL

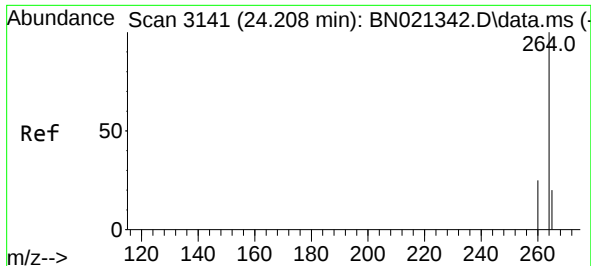
Tgt Ion:228 Resp: 1627
Ion Ratio Lower Upper
228 100
226 32.6 22.0 33.0
229 22.7 15.9 23.9



#33
Chrysene
Concen: 0.034 ng
RT: 21.709 min Scan# 2447
Delta R.T. -0.000 min
Lab File: BN021399.D
Acq: 27 Aug 2022 01:56

Tgt Ion:228 Resp: 1623
Ion Ratio Lower Upper
228 100
226 32.6 24.2 36.2
229 22.7 15.9 23.9

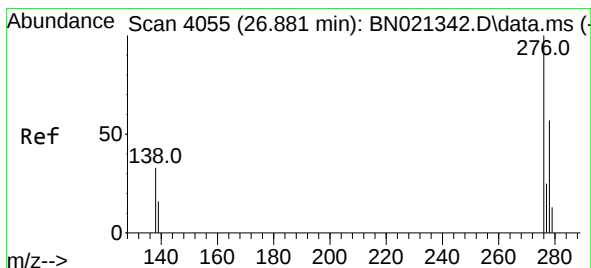
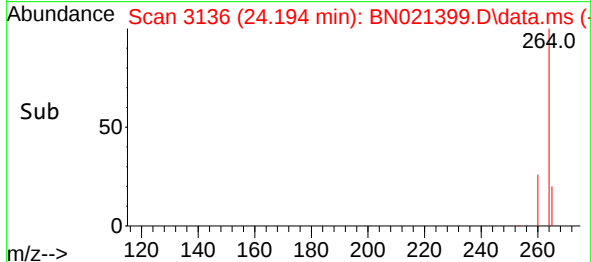
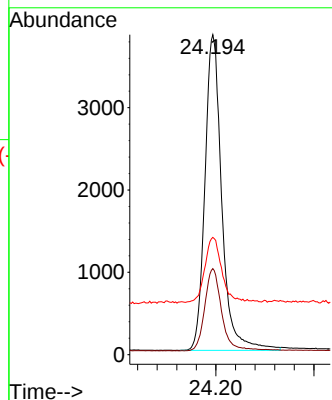
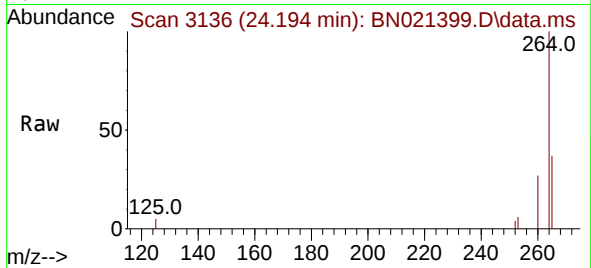




#35
 Perylene-d12
 Concen: 0.400 ng
 RT: 24.194 min Scan# 3141
 Delta R.T. -0.009 min
 Lab File: BN021399.D
 Acq: 27 Aug 2022 01:56

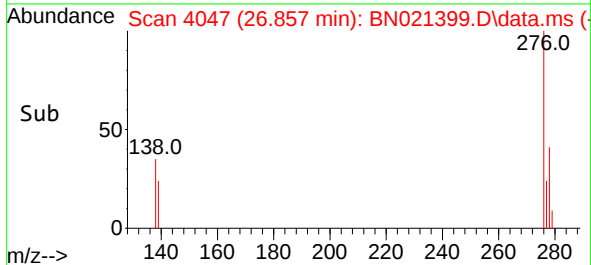
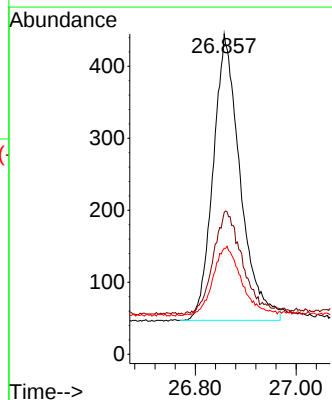
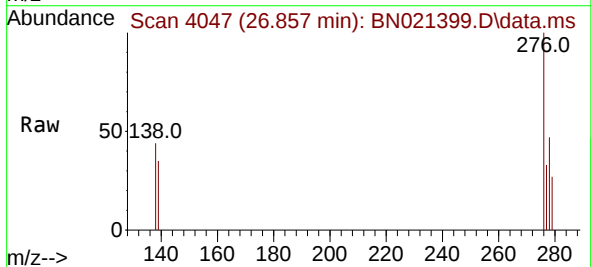
Instrument :
 BNA_N
 ClientSampleId :
 PB147294BL

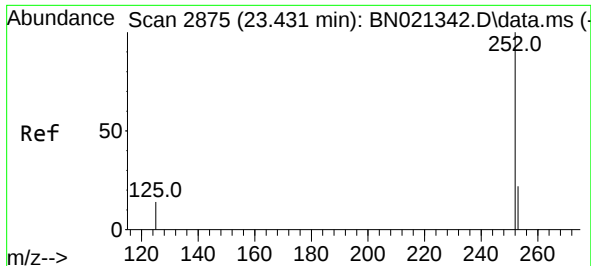
Tgt Ion:264 Resp: 9131
 Ion Ratio Lower Upper
 264 100
 260 26.9 21.0 31.6
 265 36.7 32.2 48.2



#36
 Indeno(1,2,3-cd)pyrene
 Concen: 0.032 ng
 RT: 26.857 min Scan# 4047
 Delta R.T. -0.003 min
 Lab File: BN021399.D
 Acq: 27 Aug 2022 01:56

Tgt Ion:276 Resp: 1478
 Ion Ratio Lower Upper
 276 100
 138 36.8 27.4 41.2
 277 24.6 19.9 29.9

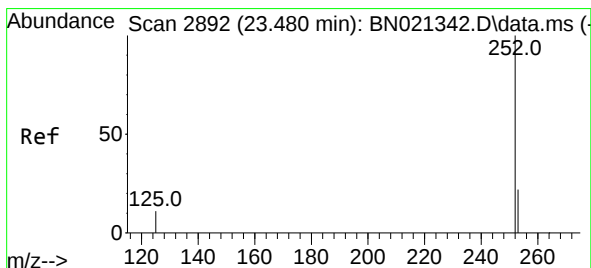
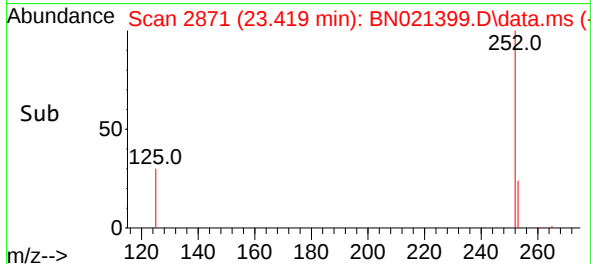
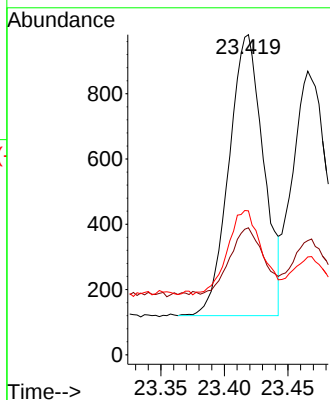
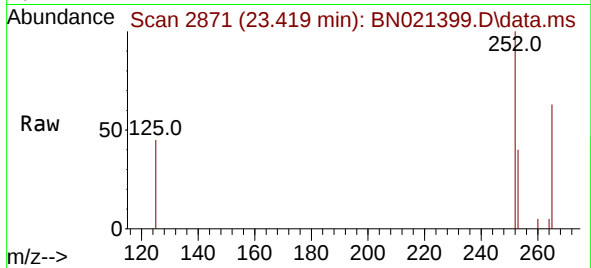




#37
Benzo(b)fluoranthene
Concen: 0.041 ng
RT: 23.419 min Scan# 2875
Delta R.T. -0.006 min
Lab File: BN021399.D
Acq: 27 Aug 2022 01:56

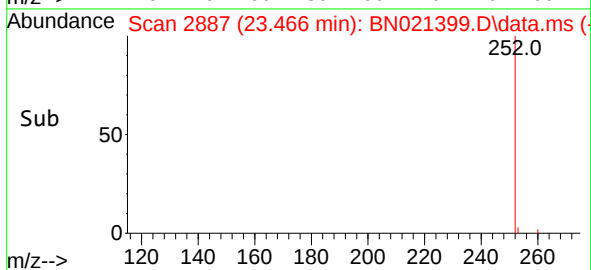
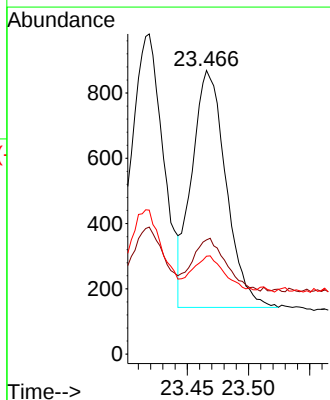
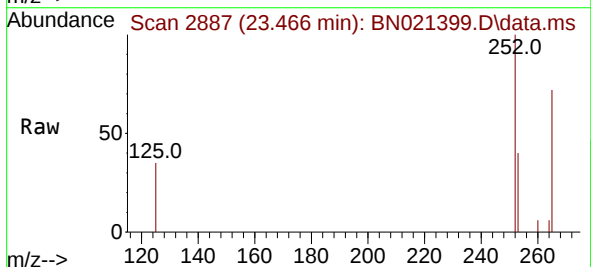
Instrument :
BNA_N
ClientSampleId :
PB147294BL

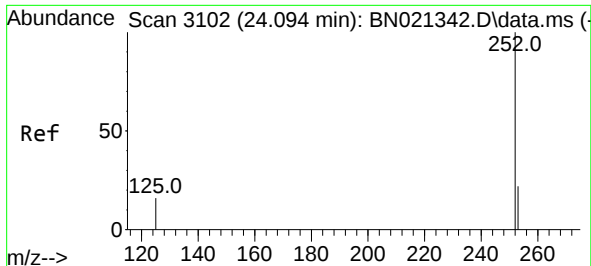
Tgt Ion:252 Resp: 1632
Ion Ratio Lower Upper
252 100
253 39.7 19.8 29.6#
125 45.0 13.7 20.5#



#38
Benzo(k)fluoranthene
Concen: 0.034 ng
RT: 23.466 min Scan# 2887
Delta R.T. -0.009 min
Lab File: BN021399.D
Acq: 27 Aug 2022 01:56

Tgt Ion:252 Resp: 1411
Ion Ratio Lower Upper
252 100
253 40.3 19.5 29.3#
125 34.5 12.3 18.5#





#39

Benzo(a)pyrene

Concen: 0.034 ng

RT: 24.083 min Scan# 30

Delta R.T. -0.006 min

Lab File: BN021399.D

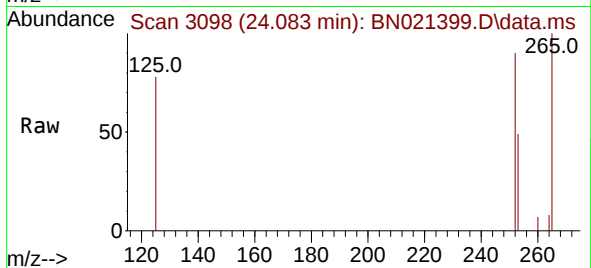
Acq: 27 Aug 2022 01:56

Instrument :

BNA_N

ClientSampleId :

PB147294BL



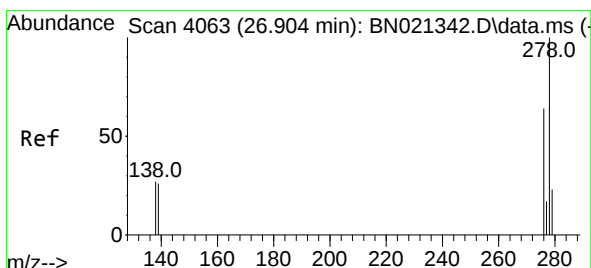
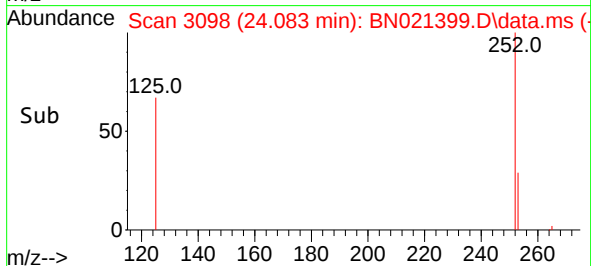
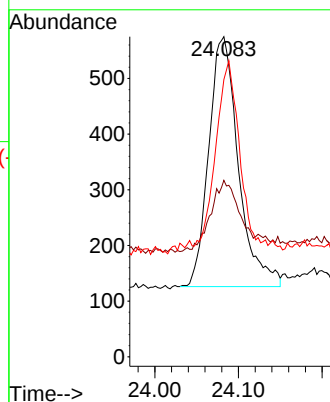
Tgt Ion:252 Resp: 1107

Ion Ratio Lower Upper

252 100

253 55.1 21.1 31.7#

125 86.6 16.6 25.0#



#40

Dibenzo(a,h)anthracene

Concen: 0.030 ng

RT: 26.881 min Scan# 4055

Delta R.T. -0.009 min

Lab File: BN021399.D

Acq: 27 Aug 2022 01:56

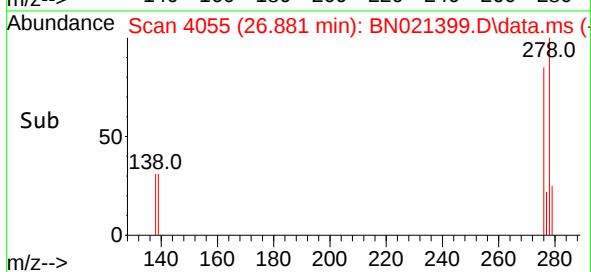
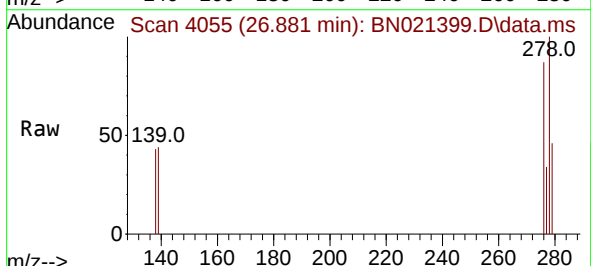
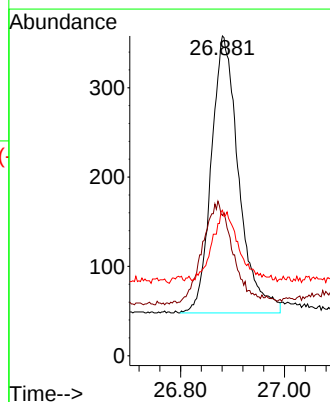
Tgt Ion:278 Resp: 1135

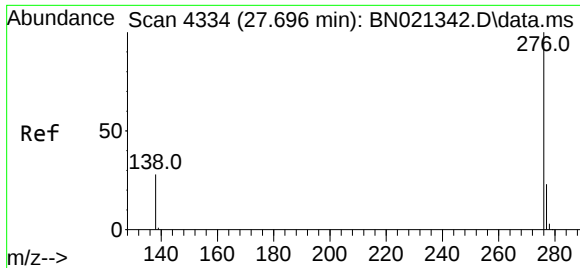
Ion Ratio Lower Upper

278 100

139 43.9 21.8 32.6#

279 45.5 20.4 30.6#





#41

Benzo(g,h,i)perylene

Concen: 0.032 ng

RT: 27.676 min Scan# 41

Delta R.T. -0.006 min

Lab File: BN021399.D

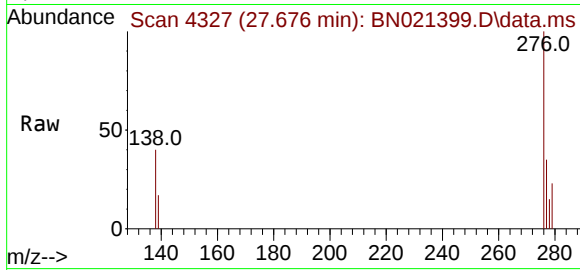
Acq: 27 Aug 2022 01:56

Instrument :

BNA_N

ClientSampleId :

PB147294BL



Tgt Ion:276 Resp: 1270

Ion Ratio Lower Upper

276 100

277 34.6 19.7 29.5#

138 39.6 23.7 35.5#

