

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN082622\
 Data File : BN021382.D
 Acq On : 26 Aug 2022 13:07
 Operator : CG/JU
 Sample : PB147233BL
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 PB147233BL

Quant Time: Aug 26 23:39:24 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)

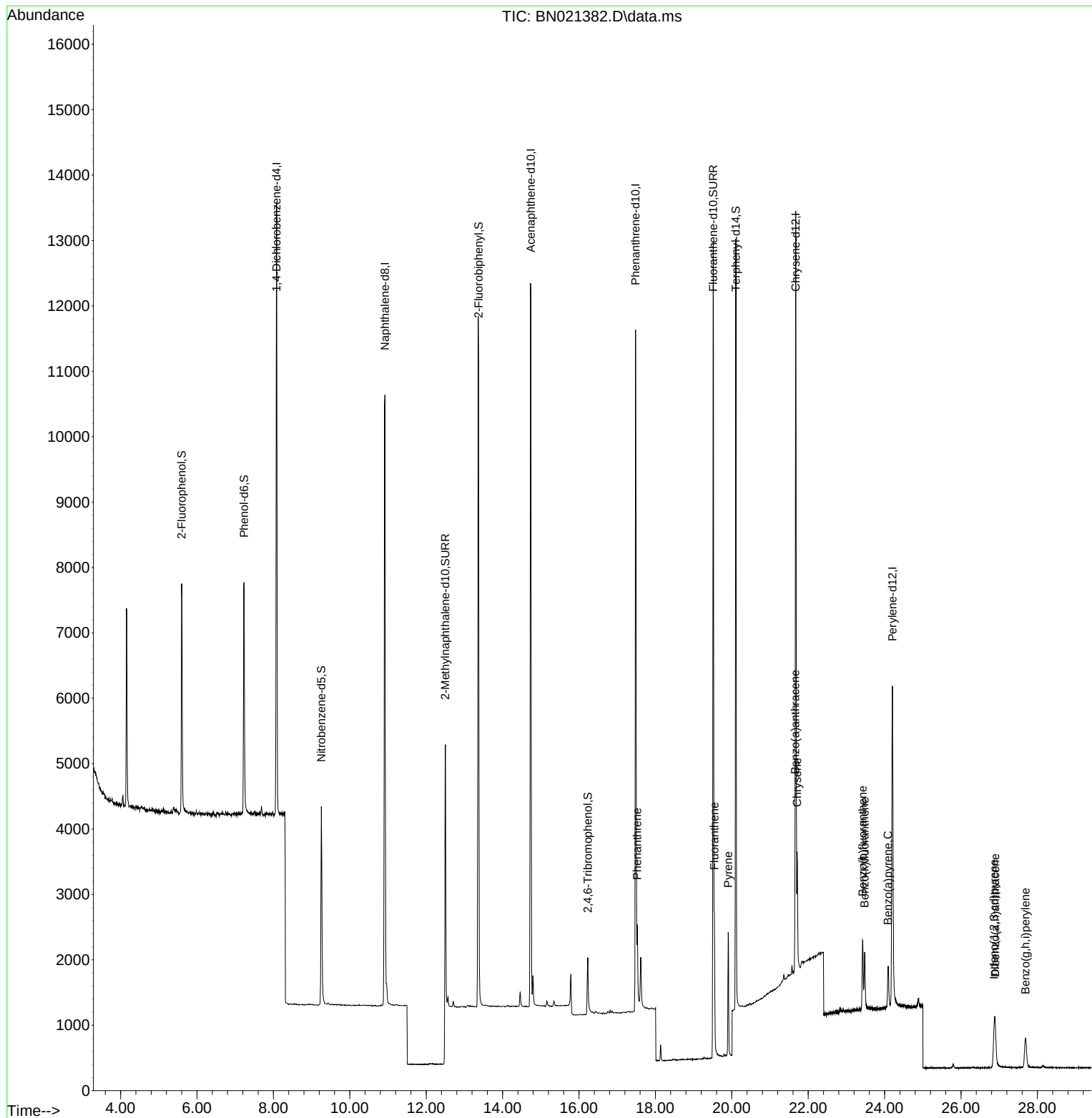
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.083	152	4686	0.400	ng	0.00
7) Naphthalene-d8	10.920	136	13902	0.400	ng	# 0.01
13) Acenaphthene-d10	14.739	164	7143	0.400	ng	0.01
19) Phenanthrene-d10	17.480	188	15027	0.400	ng	# 0.00
29) Chrysene-d12	21.673	240	10578	0.400	ng	# 0.00
35) Perylene-d12	24.203	264	8003	0.400	ng	0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.599	112	3130	0.247	ng	0.00
5) Phenol-d6	7.231	99	3989	0.251	ng	0.00
8) Nitrobenzene-d5	9.254	82	2838	0.270	ng	0.00
11) 2-Methylnaphthalene-d10	12.501	152	9256	0.394	ng	0.00
14) 2,4,6-Tribromophenol	16.229	330	621	0.190	ng	0.01
15) 2-Fluorobiphenyl	13.371	172	10528	0.330	ng	0.01
27) Fluoranthene-d10	19.514	212	13896	0.309	ng	0.00
31) Terphenyl-d14	20.106	244	10307	0.461	ng	0.00
Target Compounds						
						Qvalue
25) Phenanthrene	17.521	178	1194	0.022	ng	97
28) Fluoranthene	19.544	202	1781	0.029	ng	98
30) Pyrene	19.906	202	1807	0.034	ng	93
32) Benzo(a)anthracene	21.655	228	1246	0.031	ng	# 91
33) Chrysene	21.709	228	1496	0.034	ng	93
36) Indeno(1,2,3-cd)pyrene	26.866	276	1234	0.030	ng	99
37) Benzo(b)fluoranthene	23.425	252	1444	0.041	ng	# 60
38) Benzo(k)fluoranthene	23.478	252	1232	0.034	ng	# 58
39) Benzo(a)pyrene	24.089	252	947	0.033	ng	# 31
40) Dibenzo(a,h)anthracene	26.892	278	912	0.027	ng	# 63
41) Benzo(g,h,i)perylene	27.685	276	1132	0.032	ng	# 83

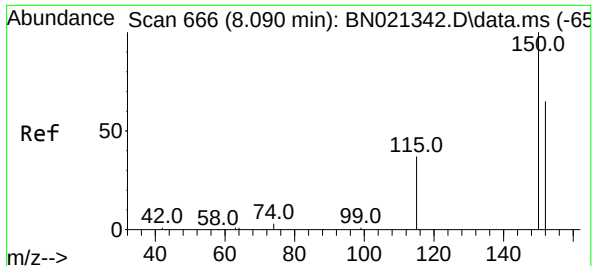
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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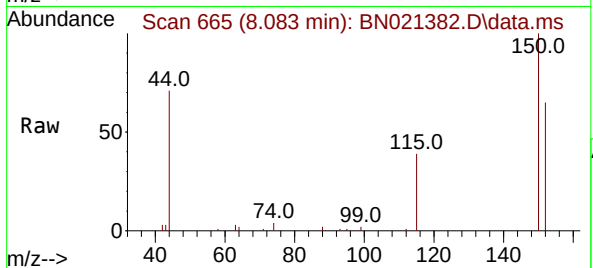
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Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\8270-SIM-BN082422.M
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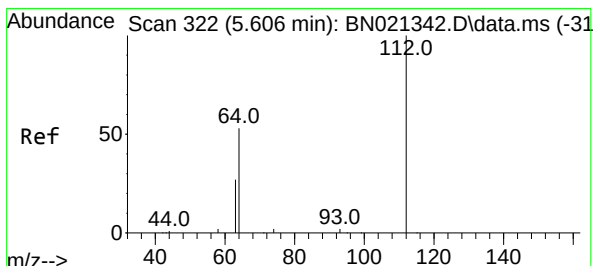
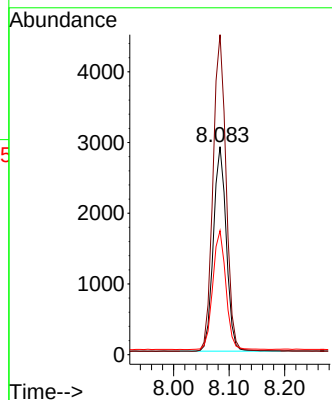
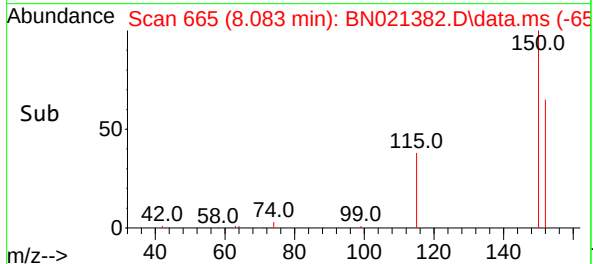


#1
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 8.083 min Scan# 60
Delta R.T. 0.000 min
Lab File: BN021382.D
Acq: 26 Aug 2022 13:07

Instrument :
BNA_N
ClientSampleId :
PB147233BL

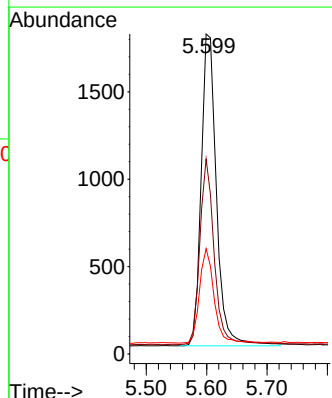
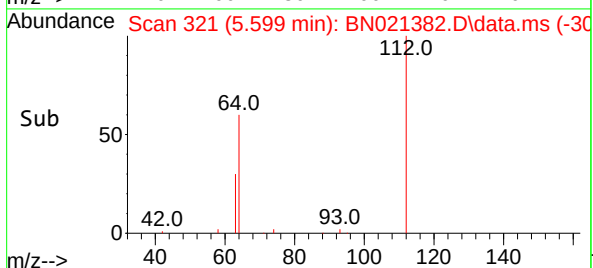
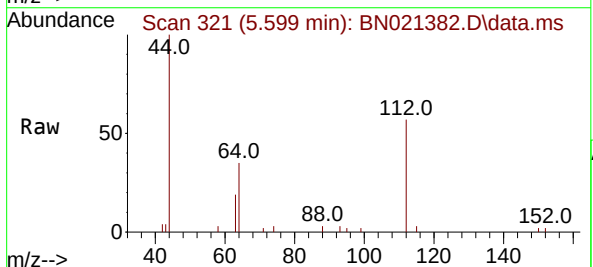


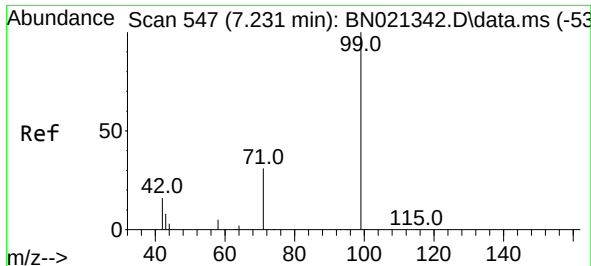
Tgt Ion:152 Resp: 4686
Ion Ratio Lower Upper
152 100
150 153.9 121.4 182.0
115 59.6 48.6 72.8



#4
2-Fluorophenol
Concen: 0.247 ng
RT: 5.599 min Scan# 321
Delta R.T. 0.000 min
Lab File: BN021382.D
Acq: 26 Aug 2022 13:07

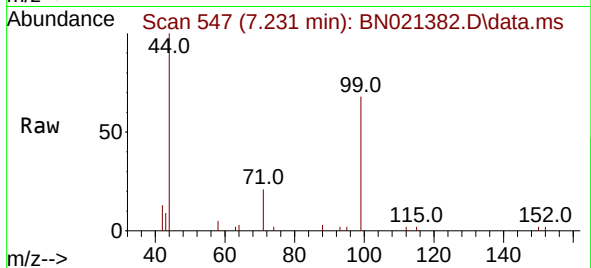
Tgt Ion:112 Resp: 3130
Ion Ratio Lower Upper
112 100
64 56.4 43.5 65.3
63 28.9 22.6 34.0



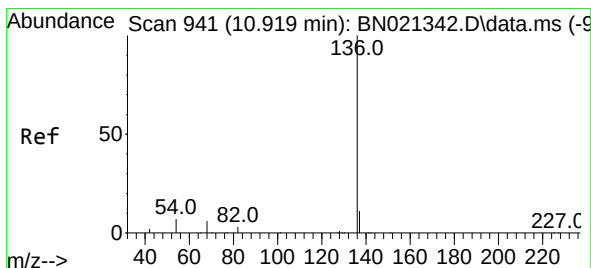
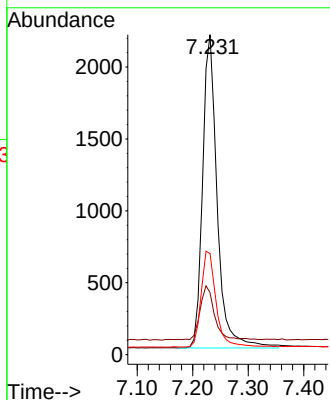
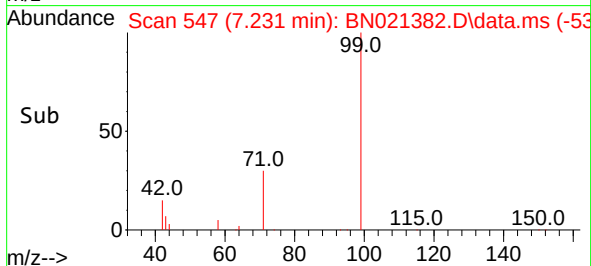


#5
Phenol-d6
Concen: 0.251 ng
RT: 7.231 min Scan# 547
Delta R.T. 0.000 min
Lab File: BN021382.D
Acq: 26 Aug 2022 13:07

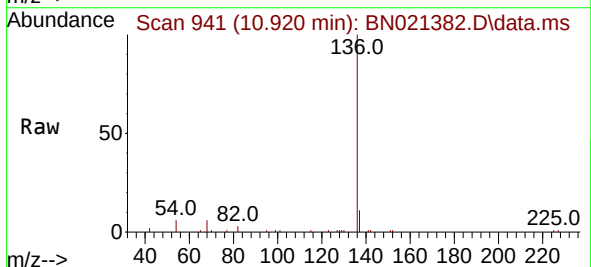
Instrument :
BNA_N
ClientSampleId :
PB147233BL



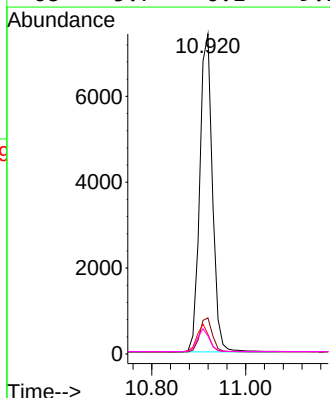
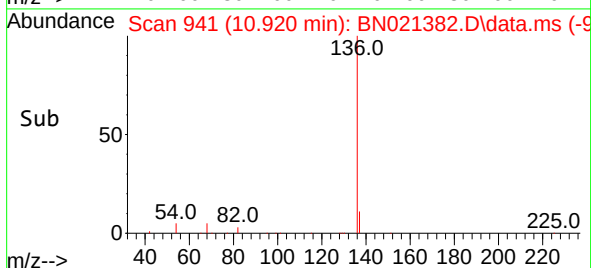
Tgt Ion:	99	Resp:	3989
Ion	Ratio	Lower	Upper
99	100		
42	16.7	15.5	23.3
71	31.3	24.2	36.2

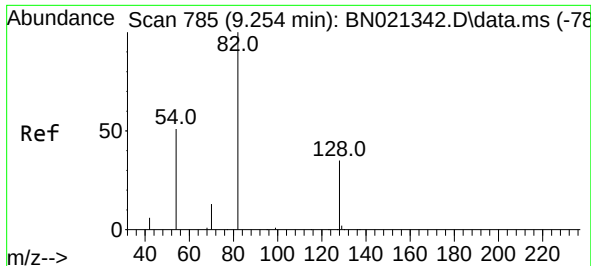


#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.920 min Scan# 941
Delta R.T. 0.011 min
Lab File: BN021382.D
Acq: 26 Aug 2022 13:07



Tgt Ion:	136	Resp:	13902
Ion	Ratio	Lower	Upper
136	100		
137	11.3	9.3	13.9
54	6.1	6.9	10.3#
68	5.7	6.1	9.1#

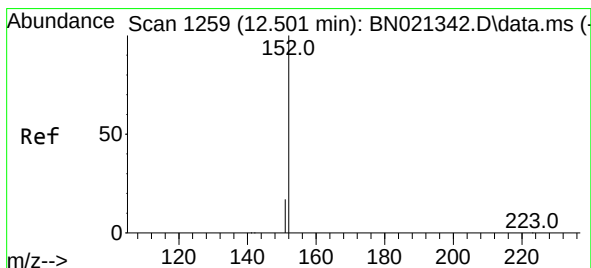
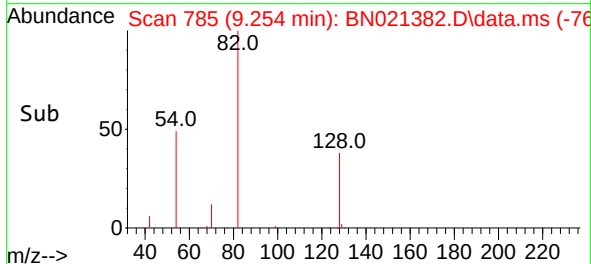
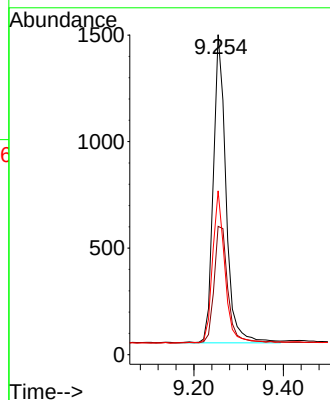
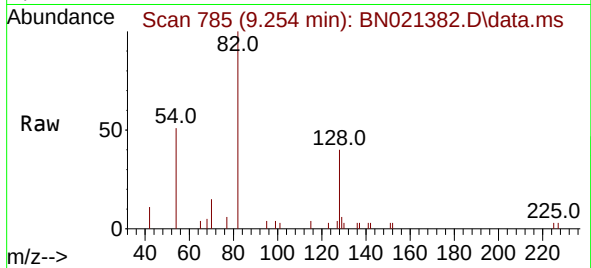




#8
Nitrobenzene-d5
Concen: 0.270 ng
RT: 9.254 min Scan# 785
Delta R.T. 0.000 min
Lab File: BN021382.D
Acq: 26 Aug 2022 13:07

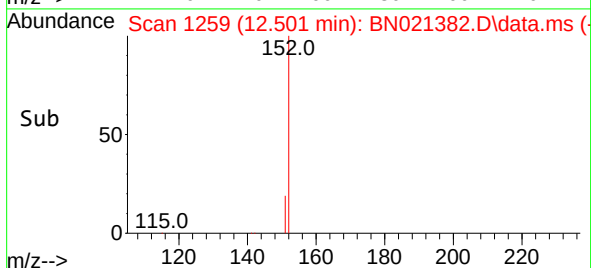
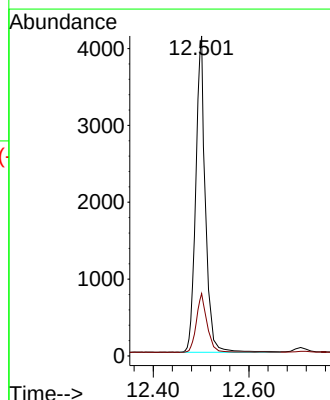
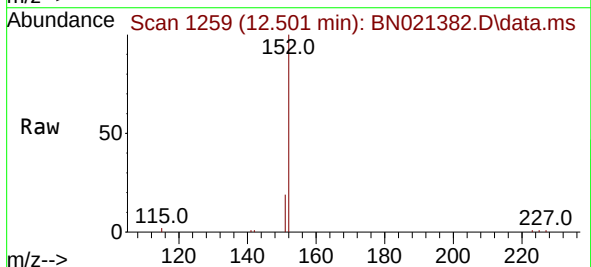
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BNA_N
ClientSampleId :
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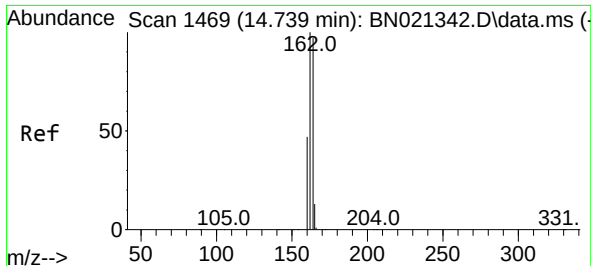
Tgt Ion: 82 Resp: 2838
Ion Ratio Lower Upper
82 100
128 40.1 30.9 46.3
54 51.2 42.7 64.1



#11
2-Methylnaphthalene-d10
Concen: 0.394 ng
RT: 12.501 min Scan# 1259
Delta R.T. 0.004 min
Lab File: BN021382.D
Acq: 26 Aug 2022 13:07

Tgt Ion: 152 Resp: 9256
Ion Ratio Lower Upper
152 100
151 17.6 14.5 21.7

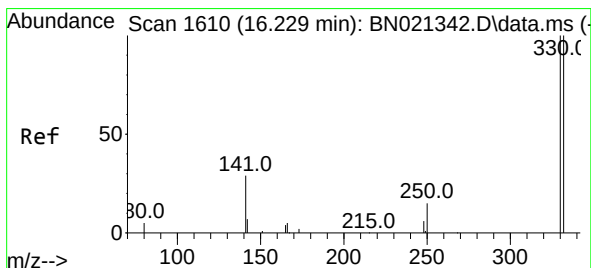
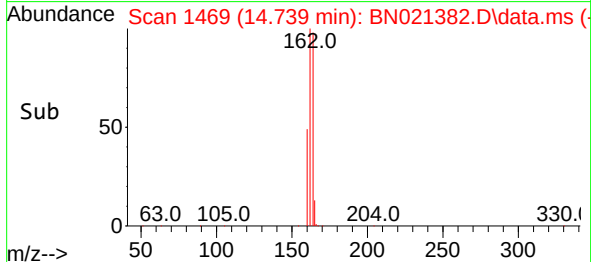
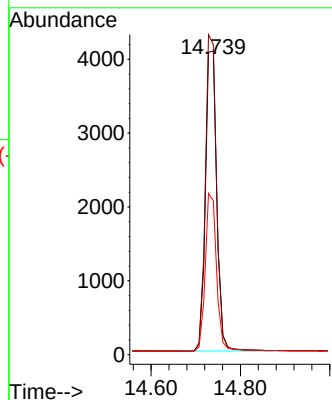
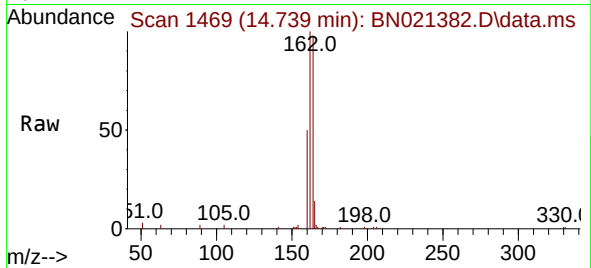




#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.739 min Scan# 1469
Delta R.T. 0.011 min
Lab File: BN021382.D
Acq: 26 Aug 2022 13:07

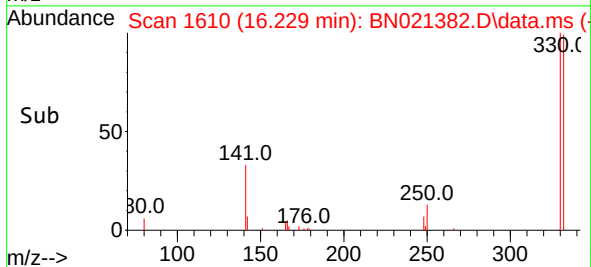
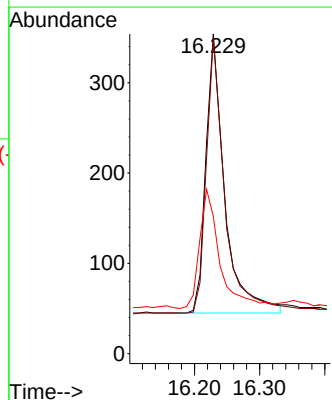
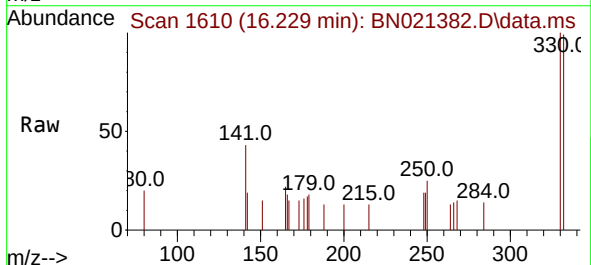
Instrument :
BNA_N
ClientSampleId :
PB147233BL

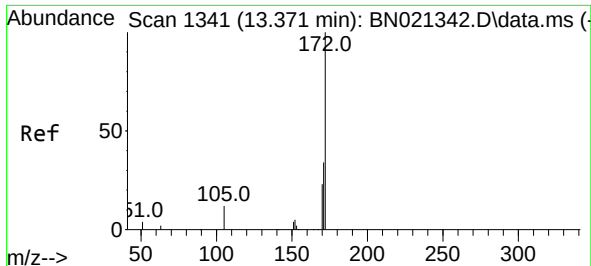
Tgt Ion:164 Resp: 7143
Ion Ratio Lower Upper
164 100
162 102.1 82.2 123.4
160 50.7 39.5 59.3



#14
2,4,6-Tribromophenol
Concen: 0.190 ng
RT: 16.229 min Scan# 1610
Delta R.T. 0.010 min
Lab File: BN021382.D
Acq: 26 Aug 2022 13:07

Tgt Ion:330 Resp: 621
Ion Ratio Lower Upper
330 100
332 96.8 79.3 118.9
141 46.5 37.1 55.7

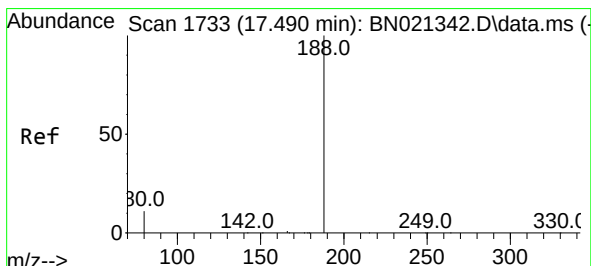
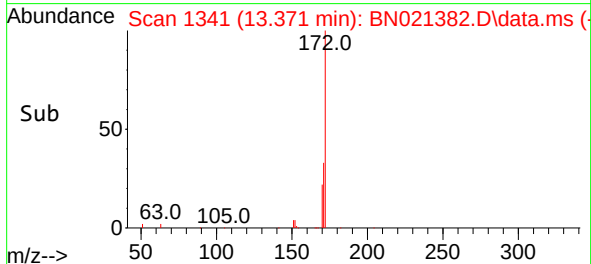
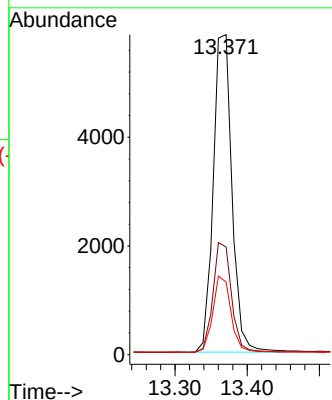
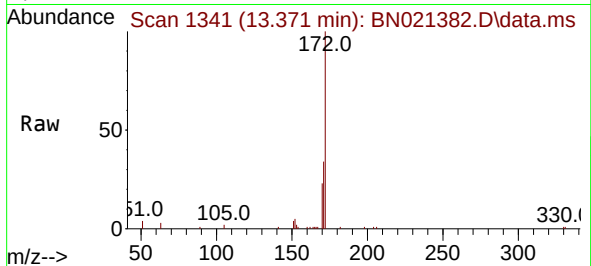




#15
2-Fluorobiphenyl
Concen: 0.330 ng
RT: 13.371 min Scan# 11
Delta R.T. 0.011 min
Lab File: BN021382.D
Acq: 26 Aug 2022 13:07

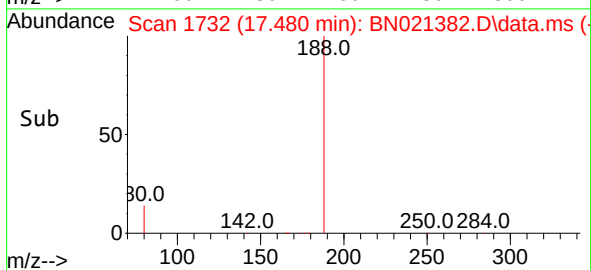
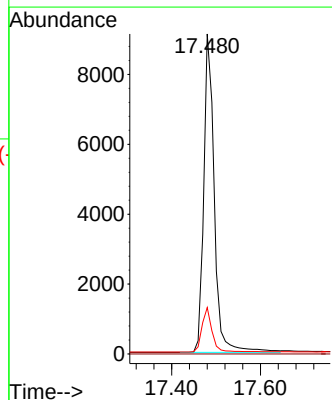
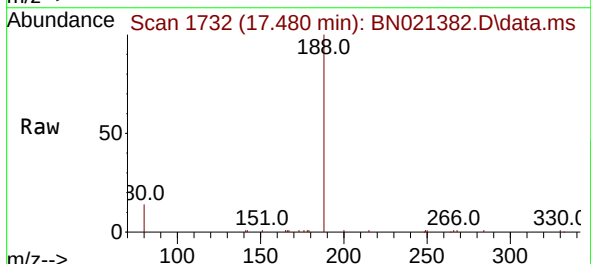
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BNA_N
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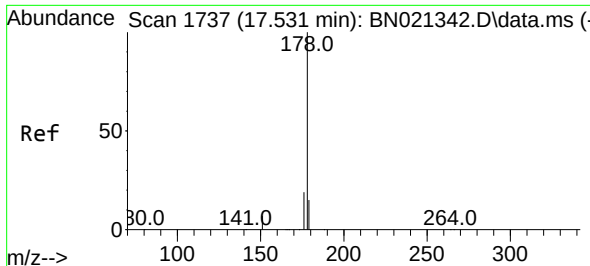
Tgt Ion:172 Resp: 10528
Ion Ratio Lower Upper
172 100
171 33.6 27.8 41.6
170 22.7 18.6 28.0



#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.480 min Scan# 1732
Delta R.T. 0.000 min
Lab File: BN021382.D
Acq: 26 Aug 2022 13:07

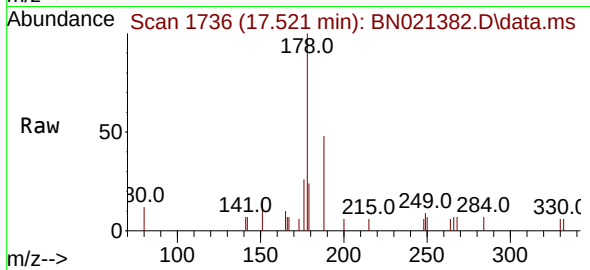
Tgt Ion:188 Resp: 15027
Ion Ratio Lower Upper
188 100
94 0.0 0.0 0.0
80 14.5 9.5 14.3#



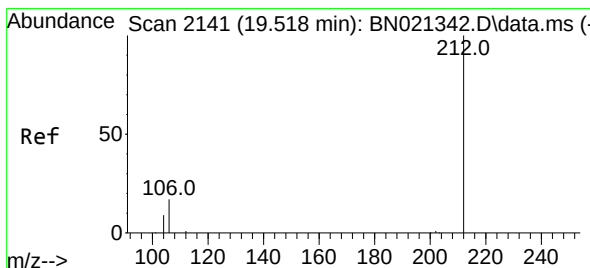
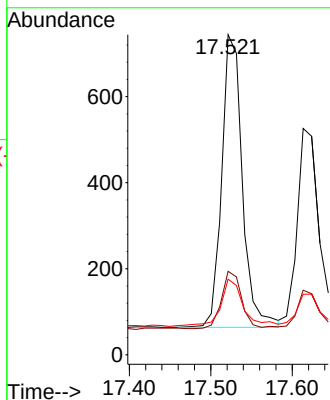
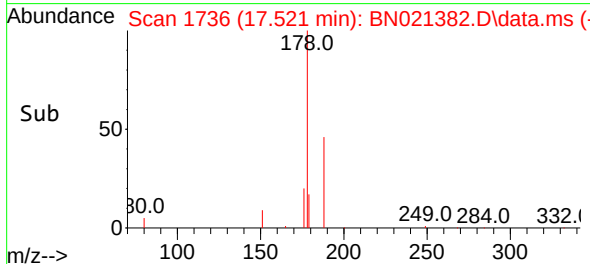


#25
Phenanthrene
Concen: 0.022 ng
RT: 17.521 min Scan# 11
Delta R.T. 0.000 min
Lab File: BN021382.D
Acq: 26 Aug 2022 13:07

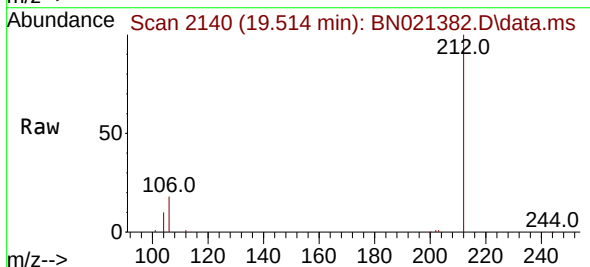
Instrument :
BNA_N
ClientSampleId :
PB147233BL



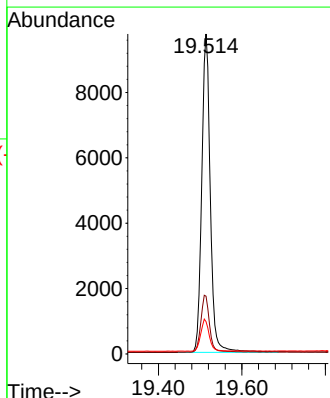
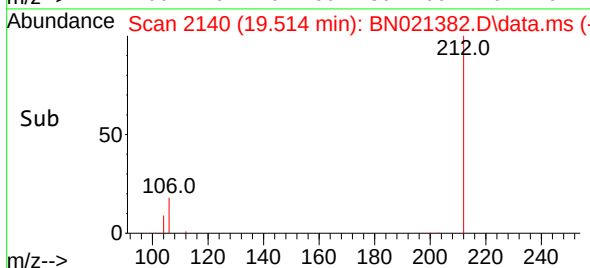
Tgt Ion:	178	Resp:	1194
Ion	Ratio	Lower	Upper
178	100		
176	19.5	15.4	23.2
179	17.8	12.2	18.4

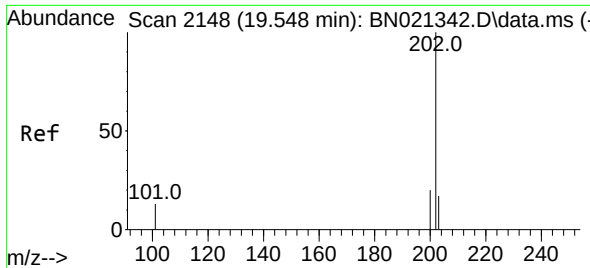


#27
Fluoranthene-d10
Concen: 0.309 ng
RT: 19.514 min Scan# 2140
Delta R.T. 0.004 min
Lab File: BN021382.D
Acq: 26 Aug 2022 13:07



Tgt Ion:	212	Resp:	13896
Ion	Ratio	Lower	Upper
212	100		
106	17.9	14.2	21.2
104	9.9	7.8	11.6

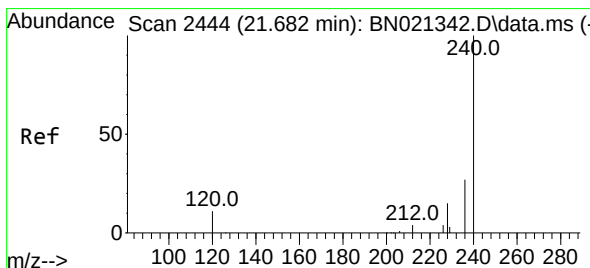
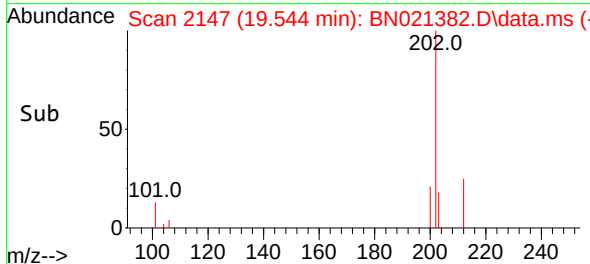
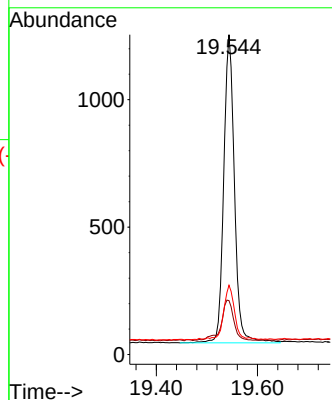
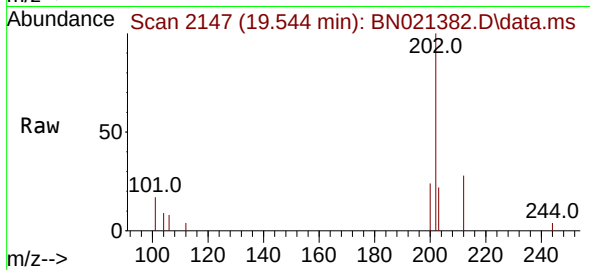




#28
Fluoranthene
Concen: 0.029 ng
RT: 19.544 min Scan# 2148
Delta R.T. 0.000 min
Lab File: BN021382.D
Acq: 26 Aug 2022 13:07

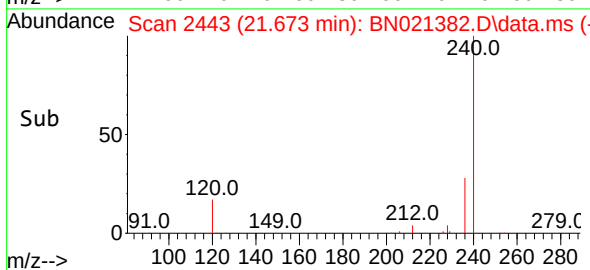
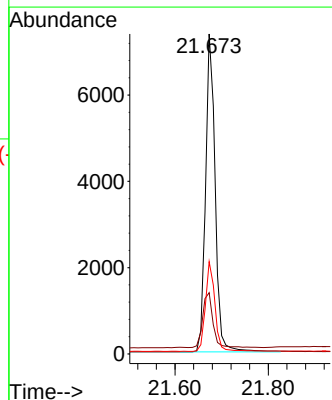
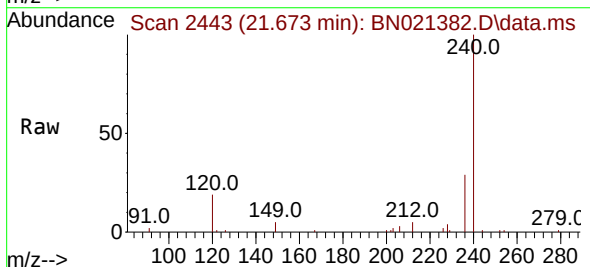
Instrument :
BNA_N
ClientSampleId :
PB147233BL

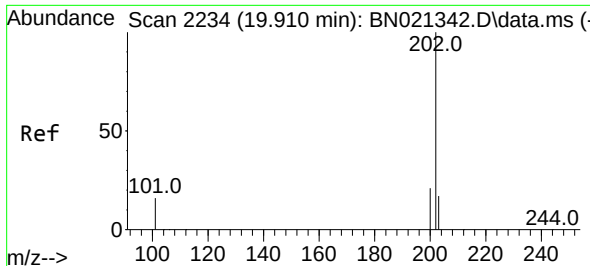
Tgt Ion:202 Resp: 1781
Ion Ratio Lower Upper
202 100
101 15.4 10.9 16.3
203 17.5 13.8 20.6



#29
Chrysene-d12
Concen: 0.400 ng
RT: 21.673 min Scan# 2443
Delta R.T. 0.000 min
Lab File: BN021382.D
Acq: 26 Aug 2022 13:07

Tgt Ion:240 Resp: 10578
Ion Ratio Lower Upper
240 100
120 19.2 10.2 15.4#
236 28.9 22.1 33.1

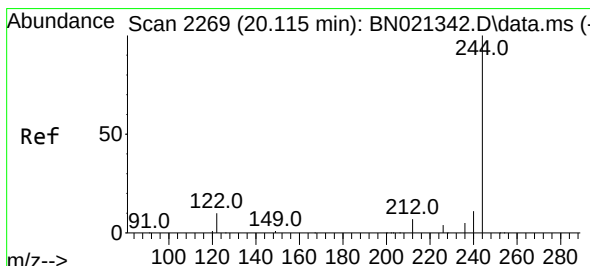
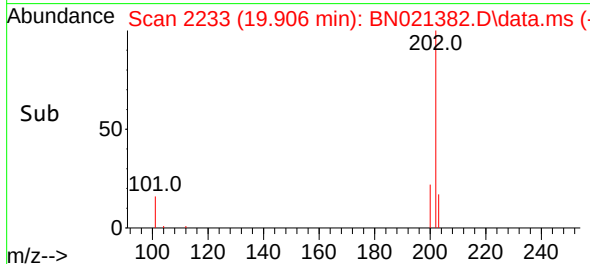
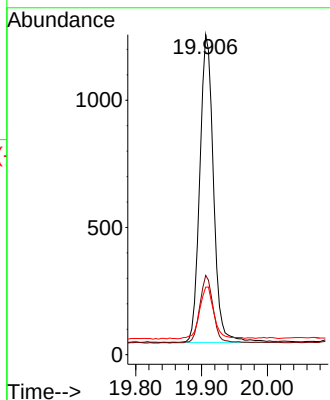
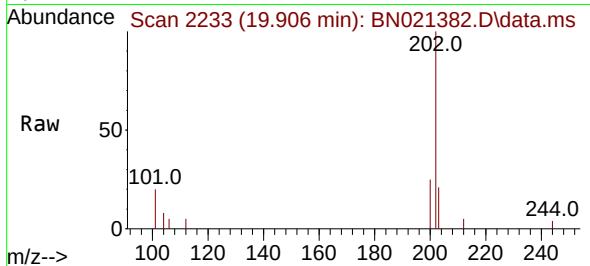




#30
Pyrene
Concen: 0.034 ng
RT: 19.906 min Scan# 21
Delta R.T. 0.000 min
Lab File: BN021382.D
Acq: 26 Aug 2022 13:07

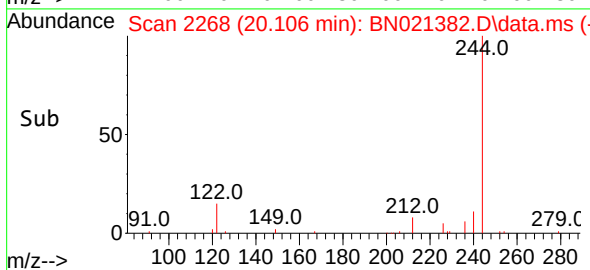
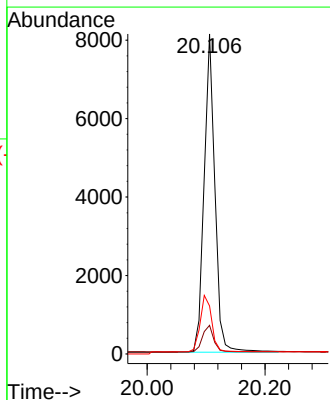
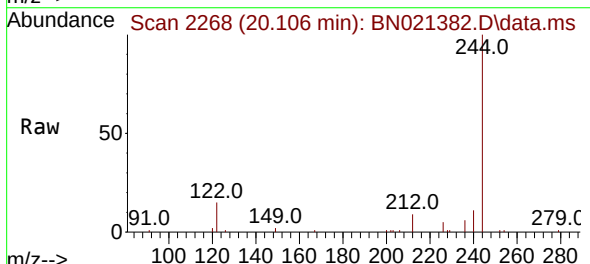
Instrument :
BNA_N
ClientSampleId :
PB147233BL

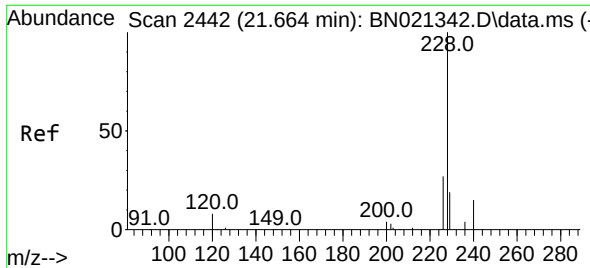
Tgt Ion:202 Resp: 1807
Ion Ratio Lower Upper
202 100
200 20.8 13.9 20.9
203 17.3 11.9 17.9



#31
Terphenyl-d14
Concen: 0.461 ng
RT: 20.106 min Scan# 2268
Delta R.T. 0.000 min
Lab File: BN021382.D
Acq: 26 Aug 2022 13:07

Tgt Ion:244 Resp: 10307
Ion Ratio Lower Upper
244 100
212 9.0 6.5 9.7
122 15.0 9.1 13.7#

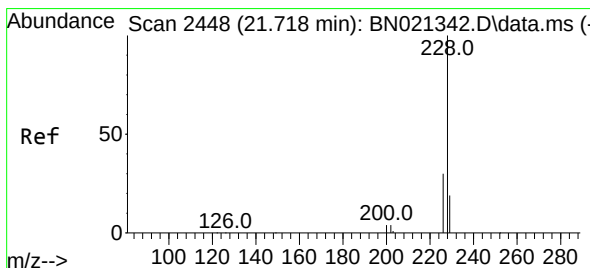
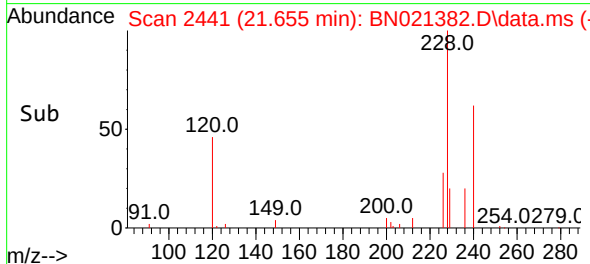
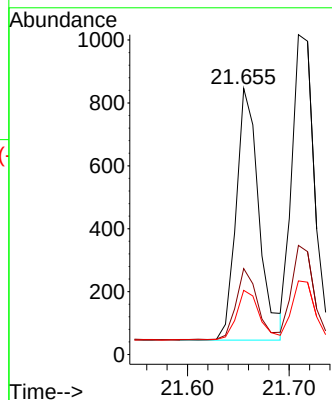
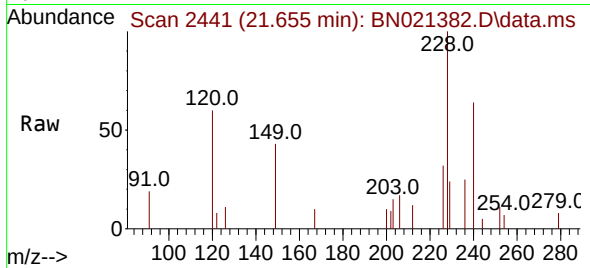




#32
Benzo(a)anthracene
Concen: 0.031 ng
RT: 21.655 min Scan# 2441
Delta R.T. 0.000 min
Lab File: BN021382.D
Acq: 26 Aug 2022 13:07

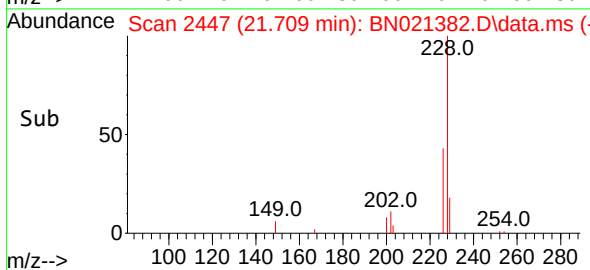
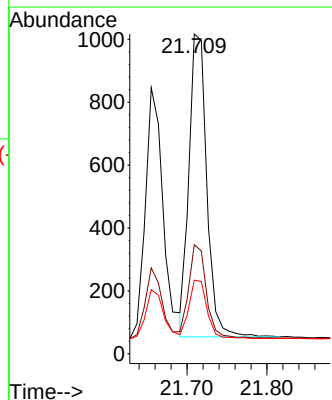
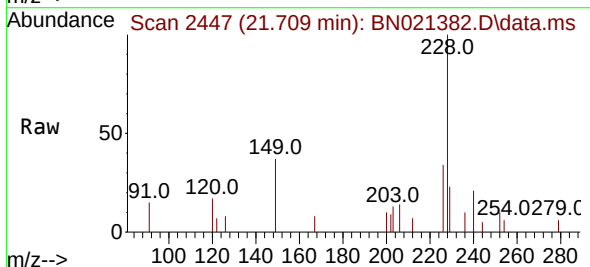
Instrument :
BNA_N
ClientSampleId :
PB147233BL

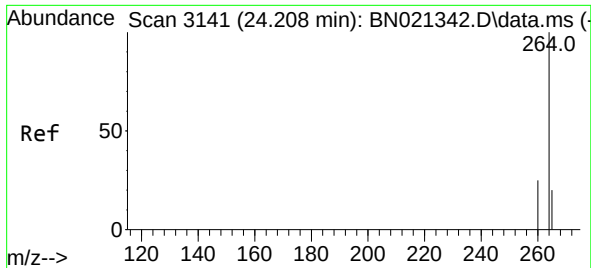
Tgt Ion:228 Resp: 1246
Ion Ratio Lower Upper
228 100
226 32.3 22.0 33.0
229 24.1 15.9 23.9#



#33
Chrysene
Concen: 0.034 ng
RT: 21.709 min Scan# 2447
Delta R.T. 0.000 min
Lab File: BN021382.D
Acq: 26 Aug 2022 13:07

Tgt Ion:228 Resp: 1496
Ion Ratio Lower Upper
228 100
226 34.1 24.2 36.2
229 23.0 15.9 23.9



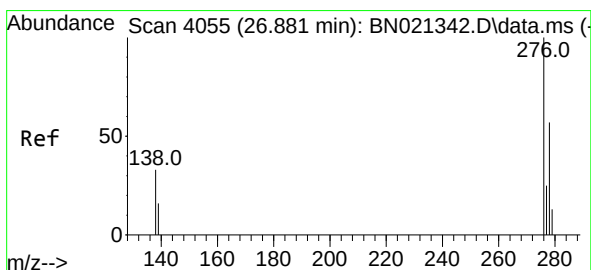
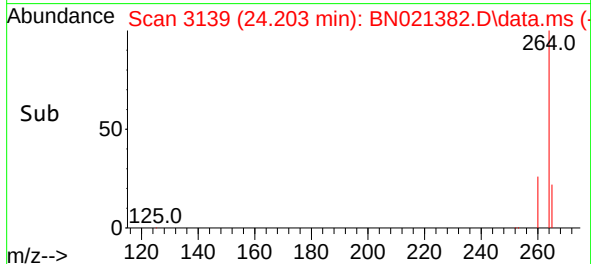
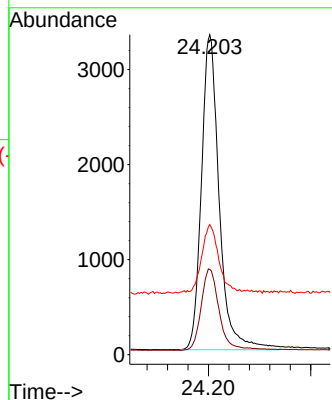
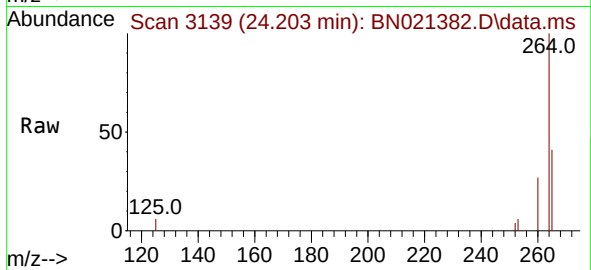


#35
Perylene-d12
Concen: 0.400 ng
RT: 24.203 min Scan# 3141
Delta R.T. 0.000 min
Lab File: BN021382.D
Acq: 26 Aug 2022 13:07

Instrument :
BNA_N
ClientSampleId :
PB147233BL

Tgt Ion:264 Resp: 8003

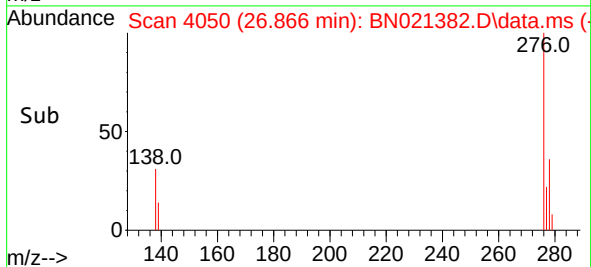
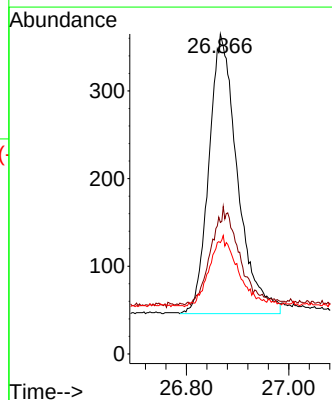
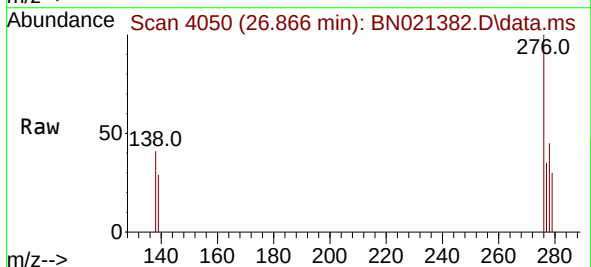
Ion	Ratio	Lower	Upper
264	100		
260	26.6	21.0	31.6
265	40.6	32.2	48.2

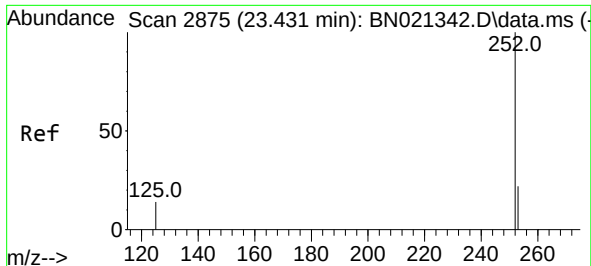


#36
Indeno(1,2,3-cd)pyrene
Concen: 0.030 ng
RT: 26.866 min Scan# 4050
Delta R.T. 0.006 min
Lab File: BN021382.D
Acq: 26 Aug 2022 13:07

Tgt Ion:276 Resp: 1234

Ion	Ratio	Lower	Upper
276	100		
138	34.4	27.4	41.2
277	25.4	19.9	29.9

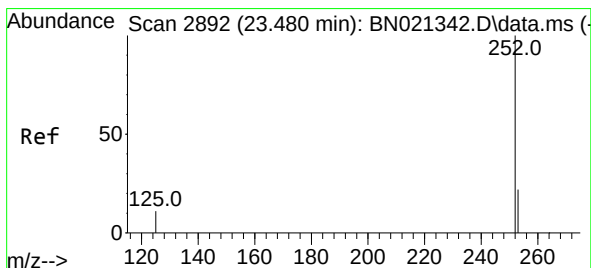
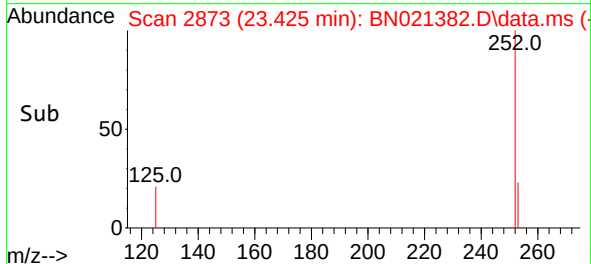
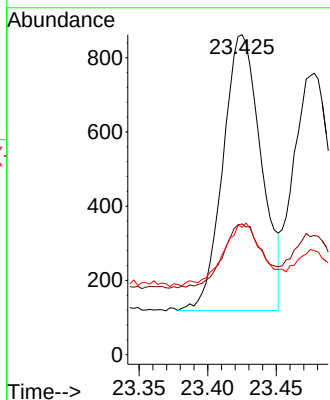
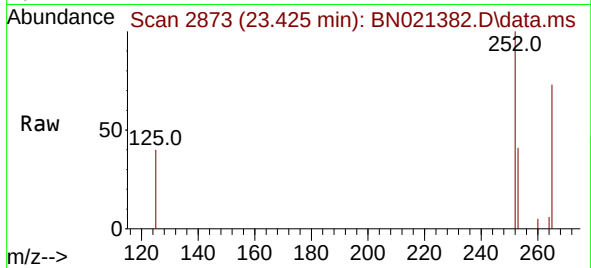




#37
Benzo(b)fluoranthene
Concen: 0.041 ng
RT: 23.425 min Scan# 2875
Delta R.T. 0.000 min
Lab File: BN021382.D
Acq: 26 Aug 2022 13:07

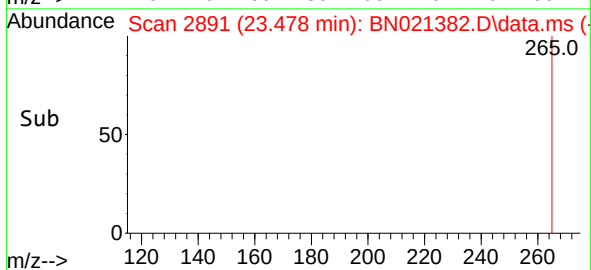
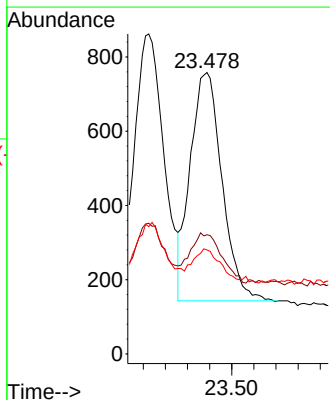
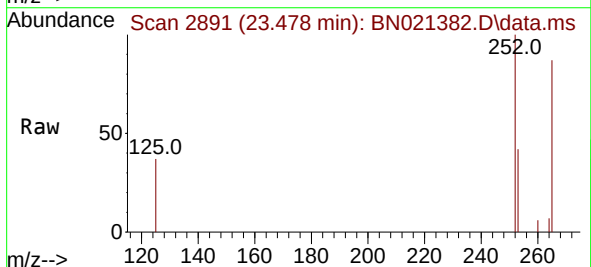
Instrument :
BNA_N
ClientSampleId :
PB147233BL

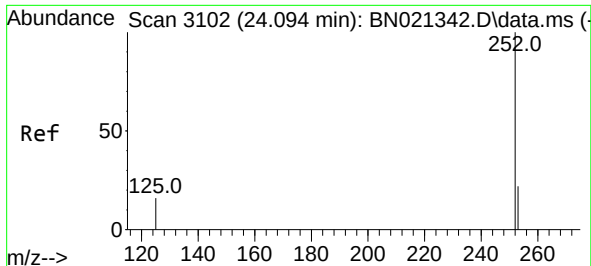
Tgt Ion:252 Resp: 1444
Ion Ratio Lower Upper
252 100
253 40.8 19.8 29.6#
125 39.8 13.7 20.5#



#38
Benzo(k)fluoranthene
Concen: 0.034 ng
RT: 23.478 min Scan# 2891
Delta R.T. 0.003 min
Lab File: BN021382.D
Acq: 26 Aug 2022 13:07

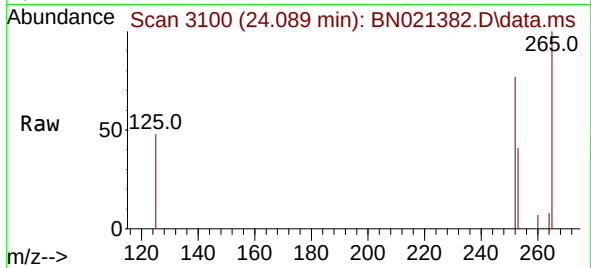
Tgt Ion:252 Resp: 1232
Ion Ratio Lower Upper
252 100
253 42.3 19.5 29.3#
125 36.9 12.3 18.5#



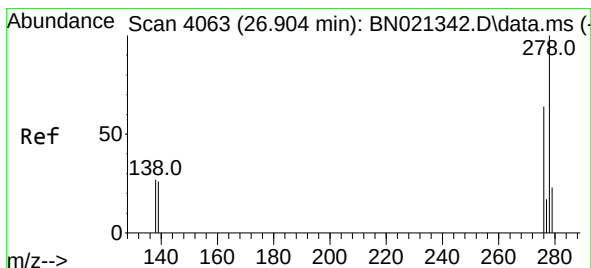
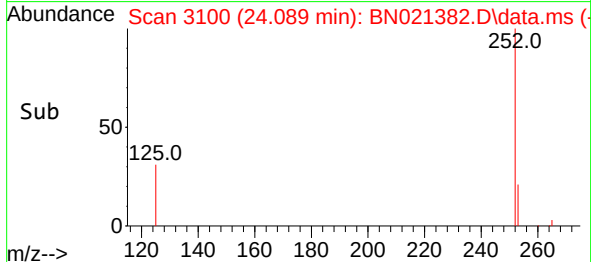
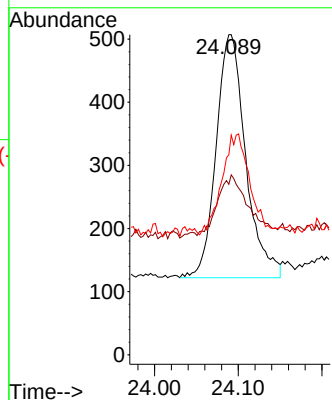


#39
Benzo(a)pyrene
Concen: 0.033 ng
RT: 24.089 min Scan# 3102
Delta R.T. 0.000 min
Lab File: BN021382.D
Acq: 26 Aug 2022 13:07

Instrument :
BNA_N
ClientSampleId :
PB147233BL

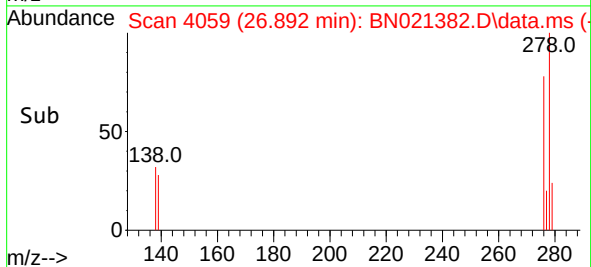
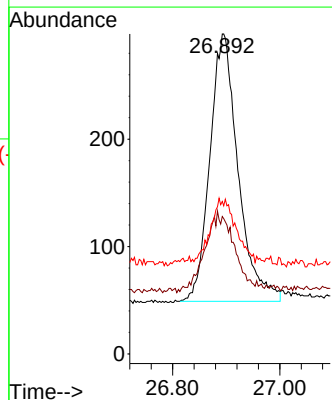
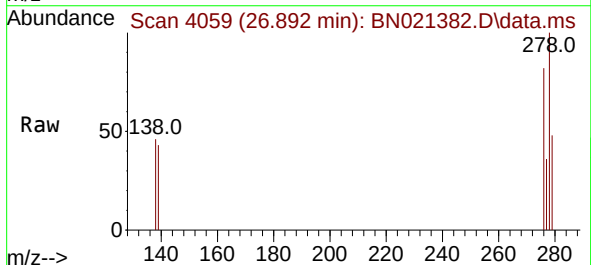


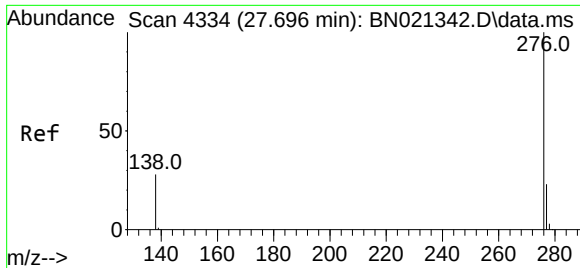
Tgt Ion:252 Resp: 947
Ion Ratio Lower Upper
252 100
253 53.3 21.1 31.7#
125 62.5 16.6 25.0#



#40
Dibenzo(a,h)anthracene
Concen: 0.027 ng
RT: 26.892 min Scan# 4059
Delta R.T. 0.003 min
Lab File: BN021382.D
Acq: 26 Aug 2022 13:07

Tgt Ion:278 Resp: 912
Ion Ratio Lower Upper
278 100
139 43.0 21.8 32.6#
279 47.7 20.4 30.6#





#41

Benzo(g,h,i)perylene

Concen: 0.032 ng

RT: 27.685 min Scan# 41

Delta R.T. 0.003 min

Lab File: BN021382.D

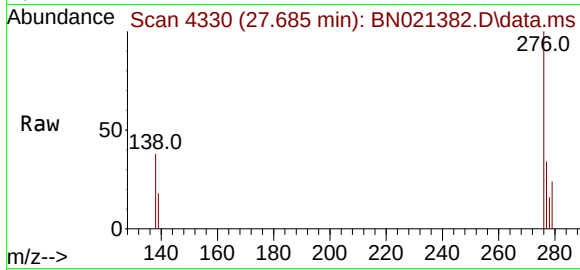
Acq: 26 Aug 2022 13:07

Instrument :

BNA_N

ClientSampleId :

PB147233BL



Tgt Ion:276 Resp: 1132

Ion Ratio Lower Upper

276 100

277 34.3 19.7 29.5#

138 38.1 23.7 35.5#

