

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN090222\
 Data File : BN021586.D
 Acq On : 03 Sep 2022 08:07
 Operator : CG/JU
 Sample : N4471-12
 Misc :
 ALS Vial : 27 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 BR-03D-479.5-499.5-083122-H

Quant Time: Sep 05 02:36:49 2022
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\8270-SIM-BN082922.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Sep 02 00:53:31 2022
 Response via : Initial Calibration

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

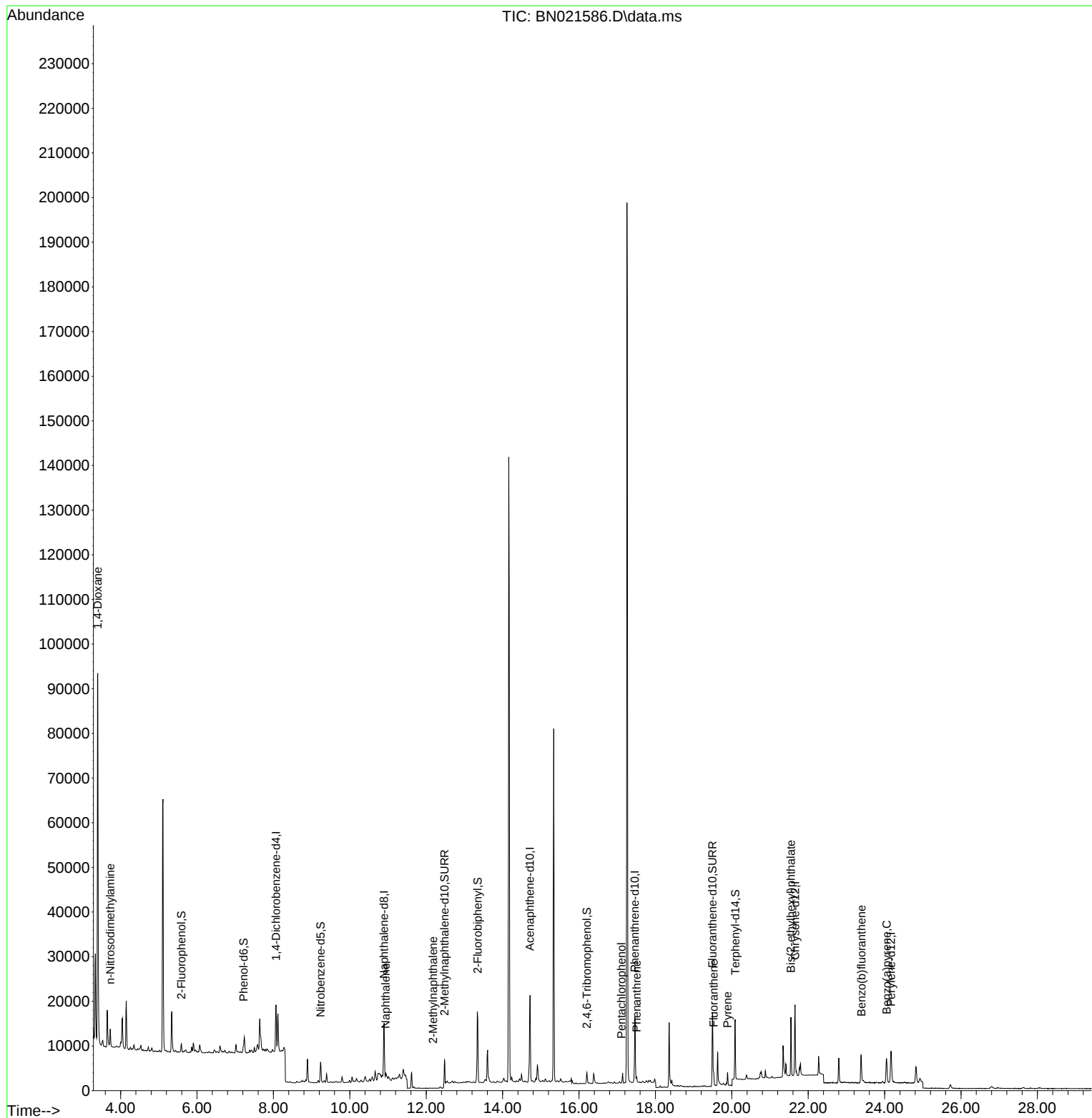
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.069	152	4946	0.400	ng	0.00
7) Naphthalene-d8	10.898	136	17011	0.400	ng	0.00
13) Acenaphthene-d10	14.718	164	10162	0.400	ng	0.00
19) Phenanthrene-d10	17.460	188	20579	0.400	ng	#-0.01
29) Chrysene-d12	21.655	240	14725	0.400	ng	0.00
35) Perylene-d12	24.168	264	11022	0.400	ng	-0.02
System Monitoring Compounds						
4) 2-Fluorophenol	5.592	112	1529	0.158	ng	0.00
5) Phenol-d6	7.217	99	1289	0.104	ng	0.00
8) Nitrobenzene-d5	9.233	82	3820	0.332	ng	-0.01
11) 2-Methylnaphthalene-d10	12.482	152	13646	0.356	ng	0.00
14) 2,4,6-Tribromophenol	16.208	330	1303	0.391	ng	-0.01
15) 2-Fluorobiphenyl	13.349	172	14548	0.327	ng	0.00
27) Fluoranthene-d10	19.493	212	16871	0.319	ng	0.00
31) Terphenyl-d14	20.088	244	12560	0.380	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.403	88	57408	9.280	ng	# 89
3) n-Nitrosodimethylamine	3.728	42	367	0.066	ng	# 1
9) Naphthalene	10.941	128	1803	0.036	ng	# 89
12) 2-Methylnaphthalene	12.180	142	17	0.129	ng	# 1
24) Pentachlorophenol	17.111	266	39	0.211	ng	89
25) Phenanthrene	17.511	178	1473	0.021	ng	98
28) Fluoranthene	19.523	202	2211	0.030	ng	# 53
30) Pyrene	19.889	202	1797	0.023	ng	# 87
34) Bis(2-ethylhexyl)phtha...	21.548	149	11914	0.577	ng	99
37) Benzo(b)fluoranthene	23.393	252	1495	0.028	ng	# 1
39) Benzo(a)pyrene	24.051	252	932	0.025	ng	# 1

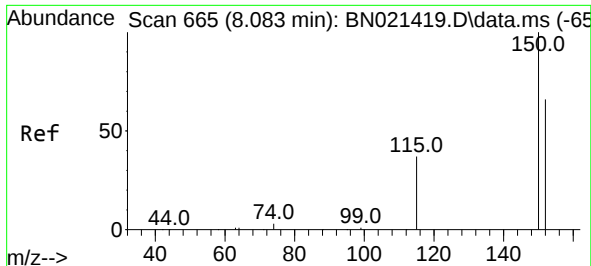
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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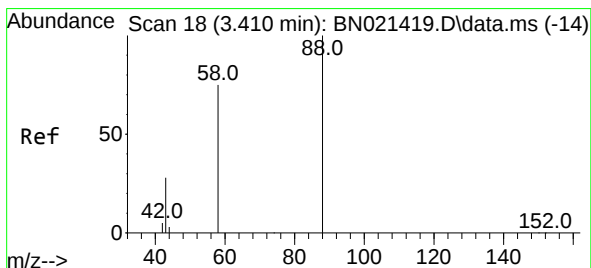
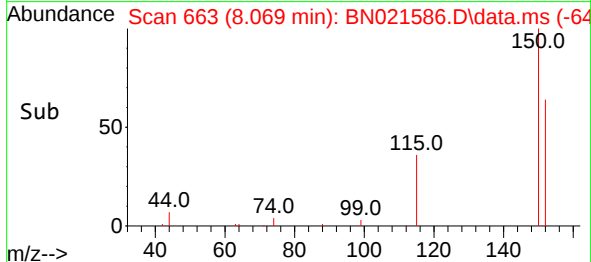
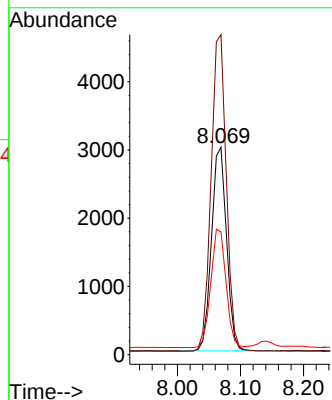
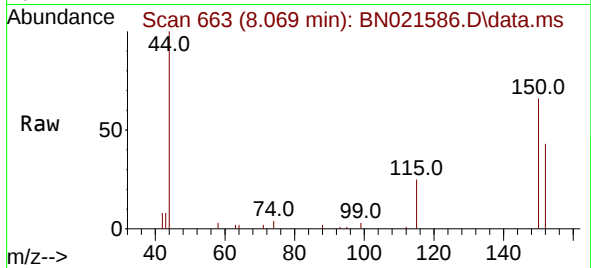




#1
 1,4-Dichlorobenzene-d4
 Concen: 0.400 ng
 RT: 8.069 min Scan# 6
 Delta R.T. -0.000 min
 Lab File: BN021586.D
 Acq: 03 Sep 2022 08:07

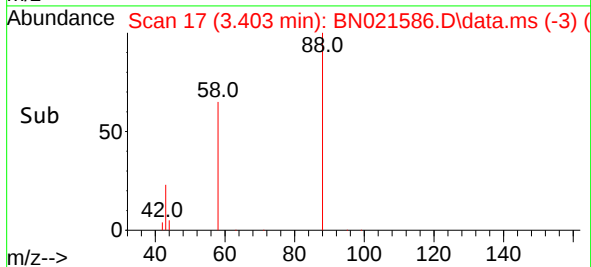
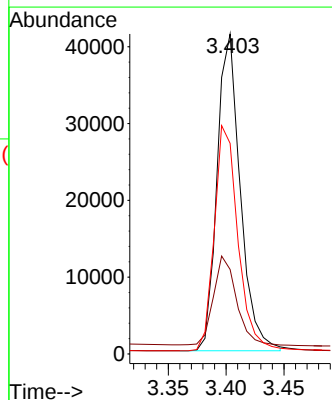
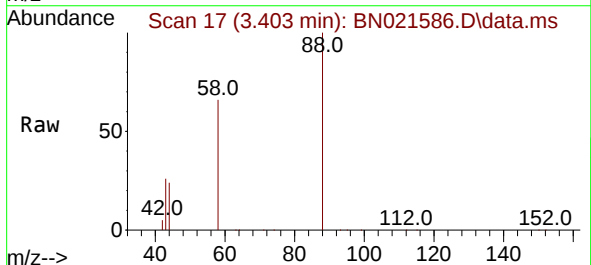
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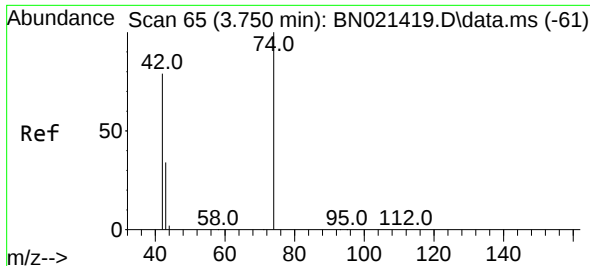
Tgt Ion:152 Resp: 4946
 Ion Ratio Lower Upper
 152 100
 150 154.4 121.4 182.0
 115 59.2 48.6 72.8



#2
 1,4-Dioxane
 Concen: 9.280 ng
 RT: 3.403 min Scan# 17
 Delta R.T. 0.000 min
 Lab File: BN021586.D
 Acq: 03 Sep 2022 08:07

Tgt Ion: 88 Resp: 57408
 Ion Ratio Lower Upper
 88 100
 43 27.6 35.8 53.8#
 58 72.5 57.1 85.7

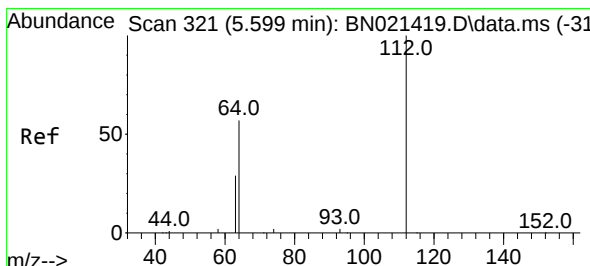
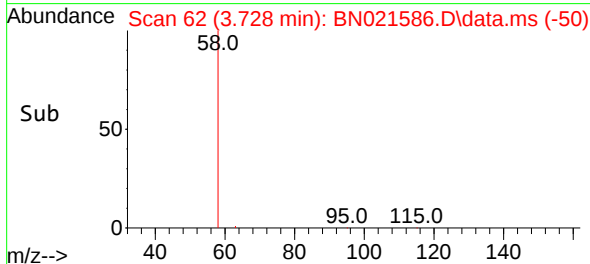
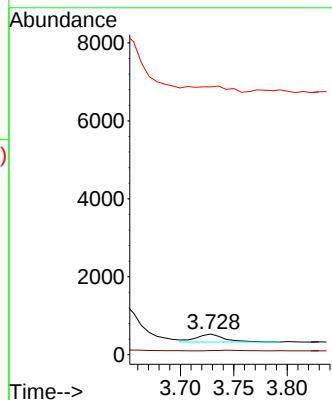
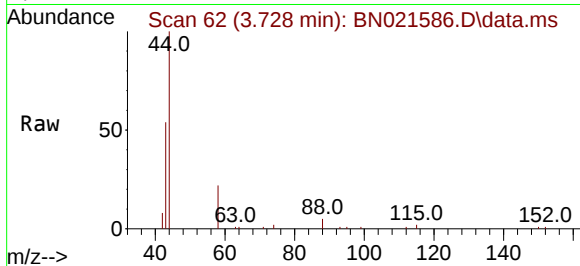




#3
n-Nitrosodimethylamine
Concen: 0.066 ng
RT: 3.728 min Scan# 61
Delta R.T. -0.014 min
Lab File: BN021586.D
Acq: 03 Sep 2022 08:07

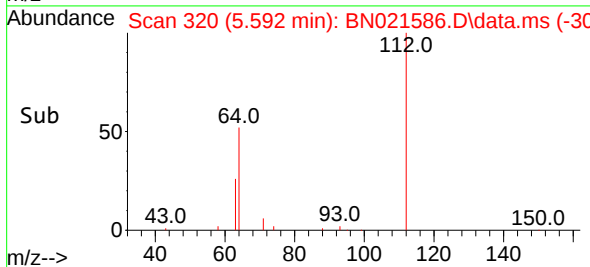
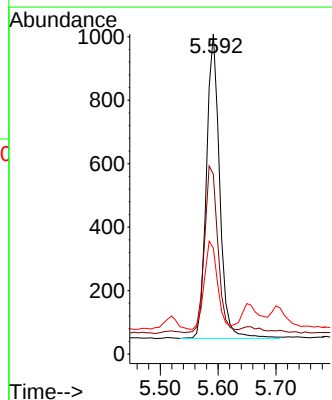
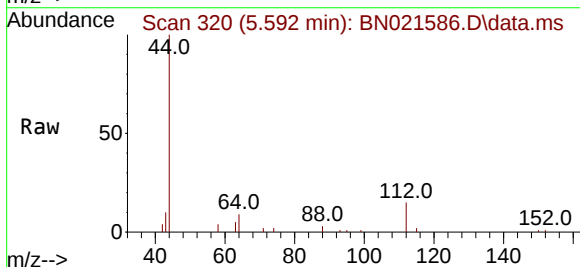
Instrument :
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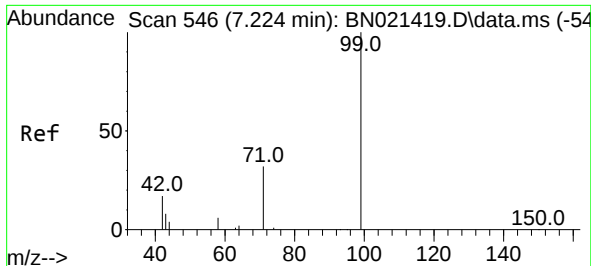
Tgt Ion: 42 Resp: 367
Ion Ratio Lower Upper
42 100
74 10.6 113.0 169.6#
44 0.0 10.5 15.7#



#4
2-Fluorophenol
Concen: 0.158 ng
RT: 5.592 min Scan# 320
Delta R.T. 0.000 min
Lab File: BN021586.D
Acq: 03 Sep 2022 08:07

Tgt Ion: 112 Resp: 1529
Ion Ratio Lower Upper
112 100
64 55.2 43.5 65.3
63 28.7 22.6 34.0

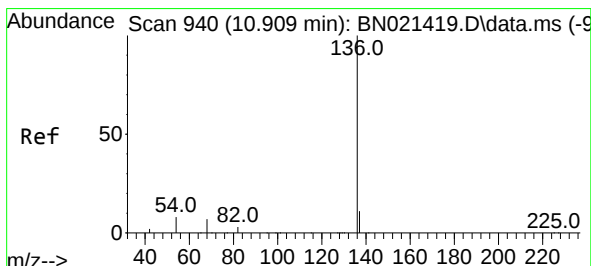
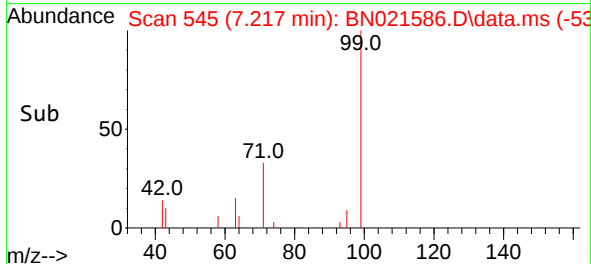
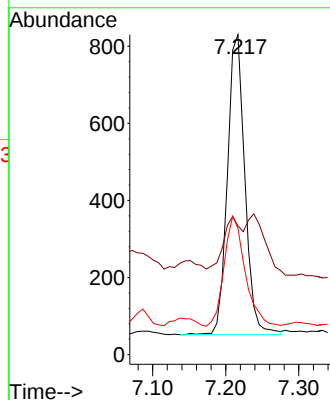
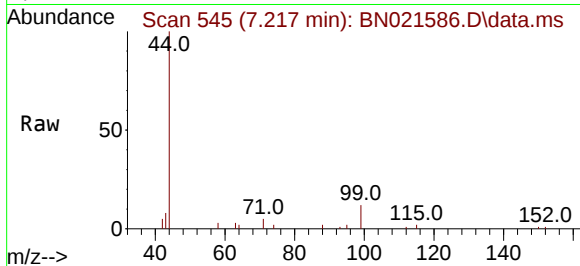




#5
Phenol-d6
Concen: 0.104 ng
RT: 7.217 min Scan# 546
Delta R.T. 0.000 min
Lab File: BN021586.D
Acq: 03 Sep 2022 08:07

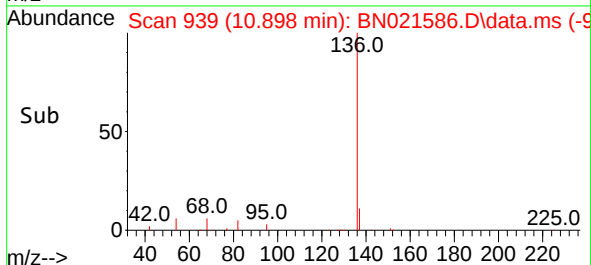
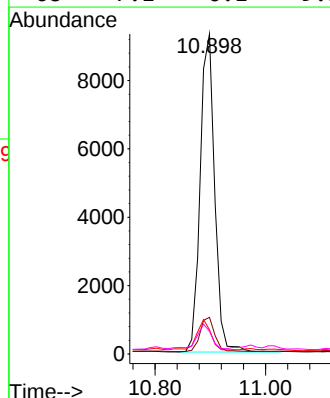
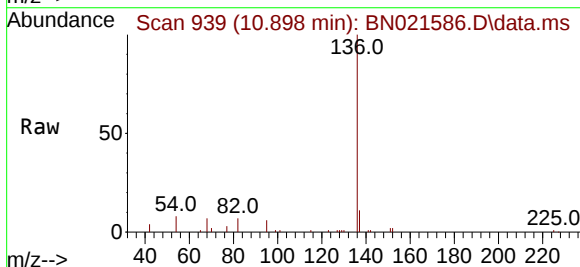
Instrument :
BNA_N
ClientSampleId :
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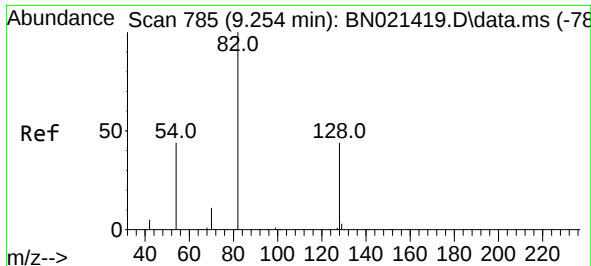
Tgt Ion: 99 Resp: 1289
Ion Ratio Lower Upper
99 100
42 19.6 15.5 23.3
71 44.1 24.2 36.2#



#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.898 min Scan# 939
Delta R.T. 0.000 min
Lab File: BN021586.D
Acq: 03 Sep 2022 08:07

Tgt Ion: 136 Resp: 17011
Ion Ratio Lower Upper
136 100
137 11.4 9.3 13.9
54 7.6 6.9 10.3
68 7.1 6.1 9.1

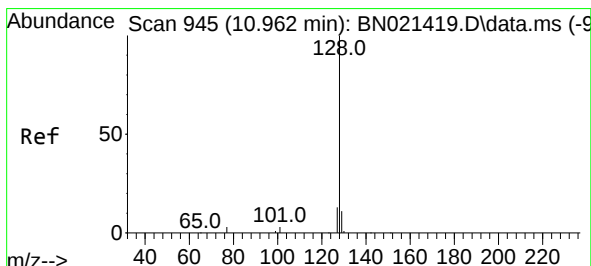
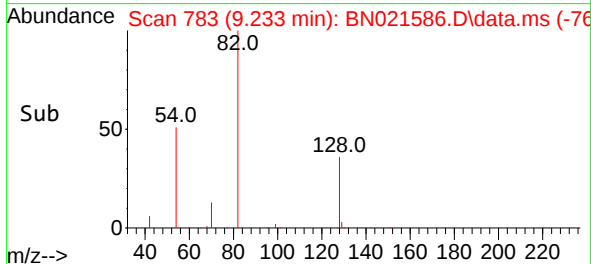
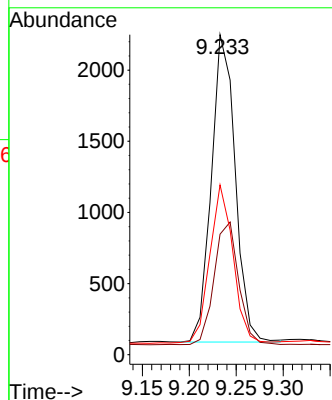
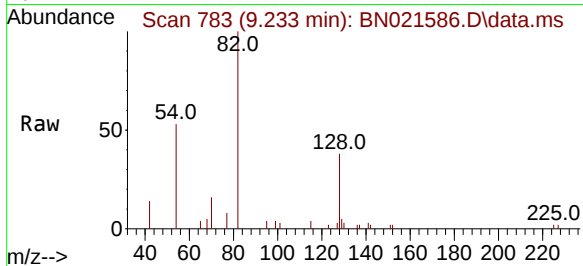




#8
Nitrobenzene-d5
Concen: 0.332 ng
RT: 9.233 min Scan# 71
Delta R.T. -0.011 min
Lab File: BN021586.D
Acq: 03 Sep 2022 08:07

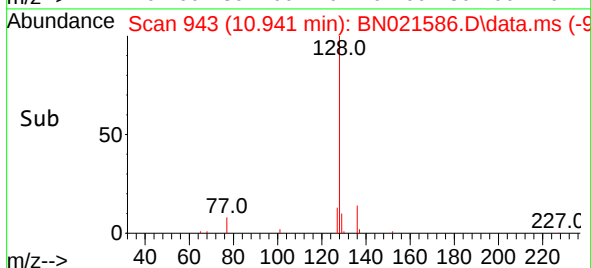
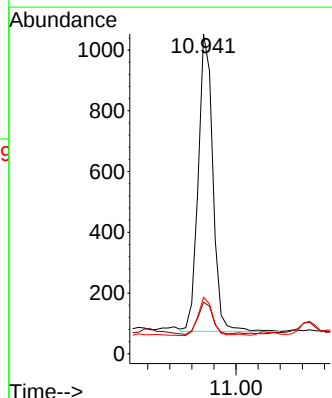
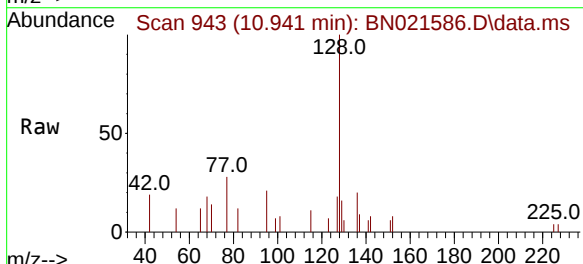
Instrument :
BNA_N
ClientSampleId :
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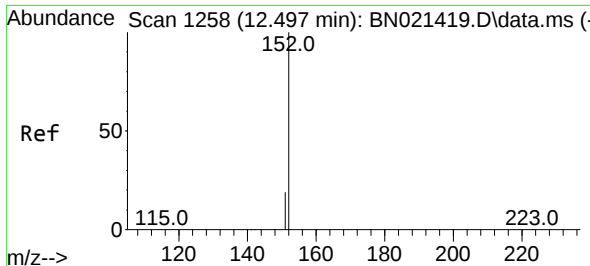
Tgt Ion: 82 Resp: 3820
Ion Ratio Lower Upper
82 100
128 37.7 30.9 46.3
54 53.0 42.7 64.1



#9
Naphthalene
Concen: 0.036 ng
RT: 10.941 min Scan# 943
Delta R.T. -0.011 min
Lab File: BN021586.D
Acq: 03 Sep 2022 08:07

Tgt Ion: 128 Resp: 1803
Ion Ratio Lower Upper
128 100
129 16.1 9.3 13.9#
127 17.7 11.0 16.4#

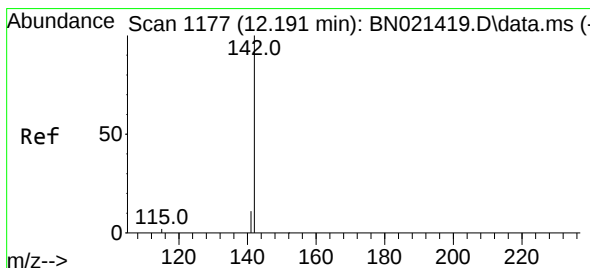
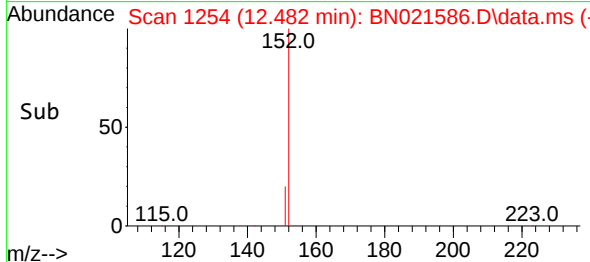
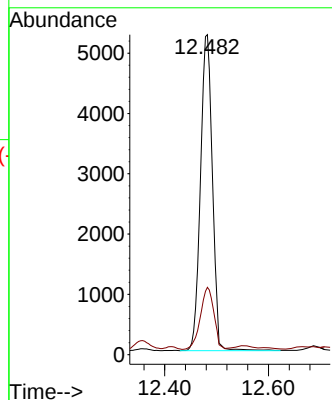
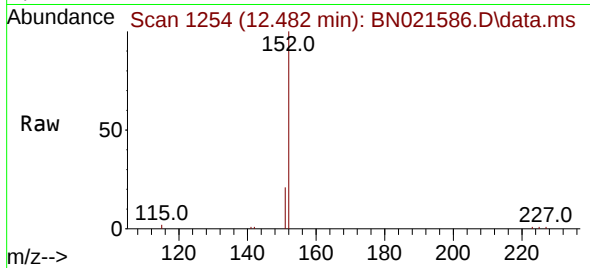




#11
2-Methylnaphthalene-d10
Concen: 0.356 ng
RT: 12.482 min Scan# 1174
Delta R.T. -0.004 min
Lab File: BN021586.D
Acq: 03 Sep 2022 08:07

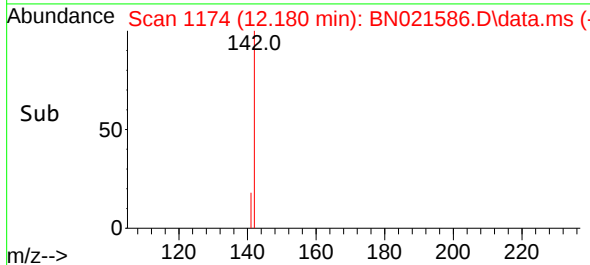
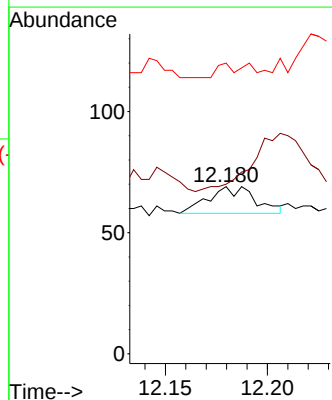
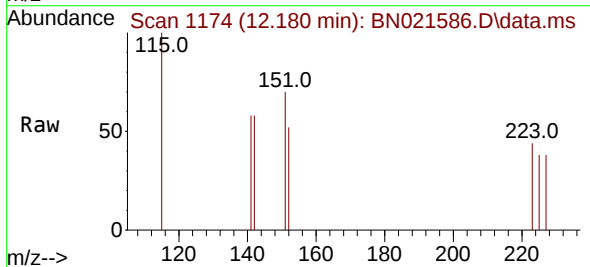
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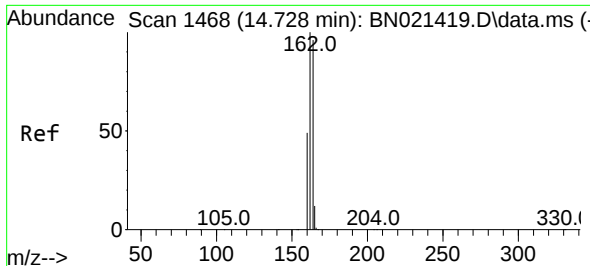
Tgt Ion:152 Resp: 13646
Ion Ratio Lower Upper
152 100
151 15.9 14.5 21.7



#12
2-Methylnaphthalene
Concen: 0.129 ng
RT: 12.180 min Scan# 1174
Delta R.T. -0.004 min
Lab File: BN021586.D
Acq: 03 Sep 2022 08:07

Tgt Ion:142 Resp: 17
Ion Ratio Lower Upper
142 100
141 101.4 12.2 18.2#
115 173.9 7.9 11.9#

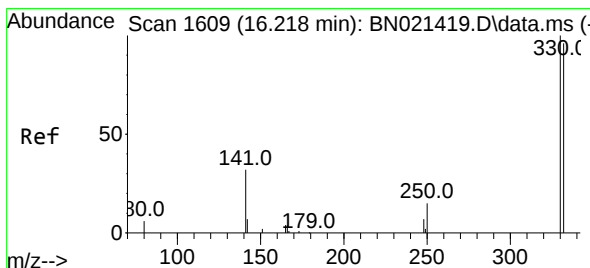
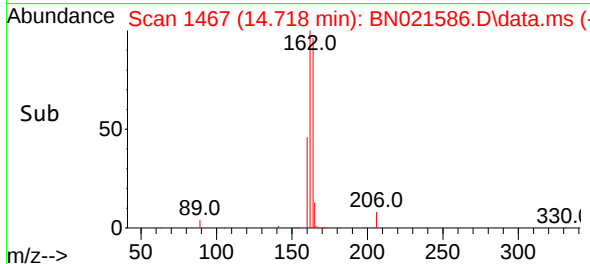
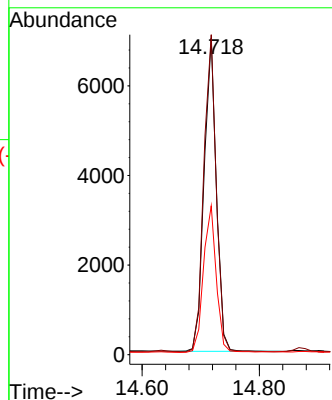
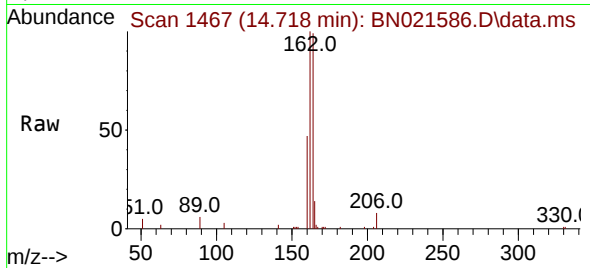




#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.718 min Scan# 1467
Delta R.T. 0.000 min
Lab File: BN021586.D
Acq: 03 Sep 2022 08:07

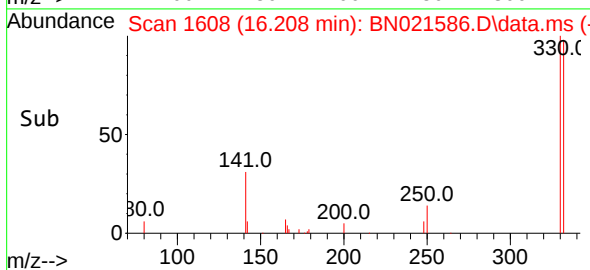
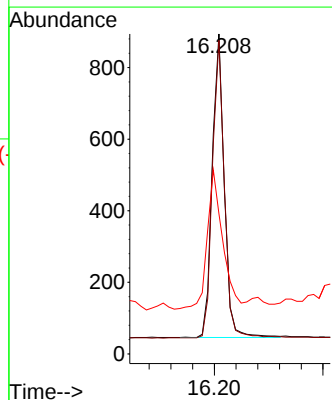
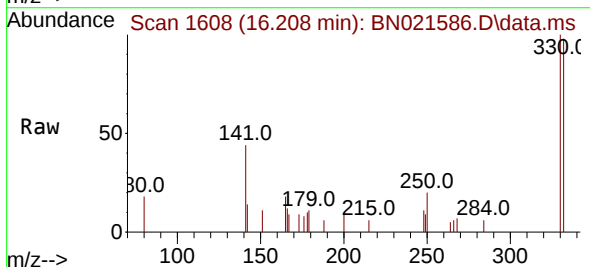
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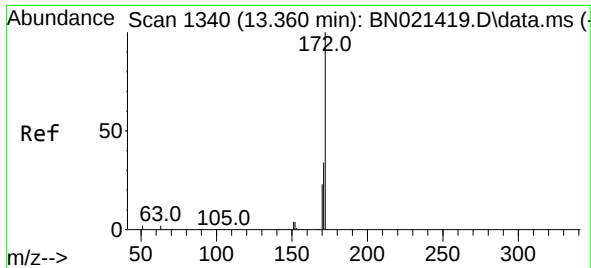
Tgt Ion:164	Resp:	10162
Ion Ratio	Lower	Upper
164	100	
162	101.1	82.2 123.4
160	47.0	39.5 59.3



#14
2,4,6-Tribromophenol
Concen: 0.391 ng
RT: 16.208 min Scan# 1608
Delta R.T. -0.010 min
Lab File: BN021586.D
Acq: 03 Sep 2022 08:07

Tgt Ion:330	Resp:	1303
Ion Ratio	Lower	Upper
330	100	
332	97.2	79.3 118.9
141	57.7	37.1 55.7#

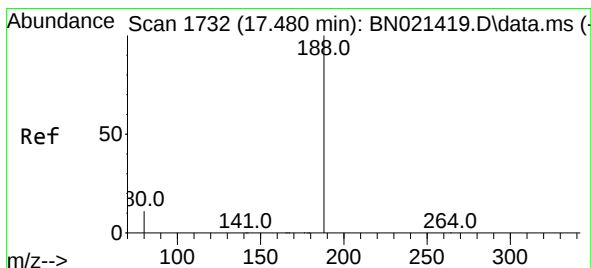
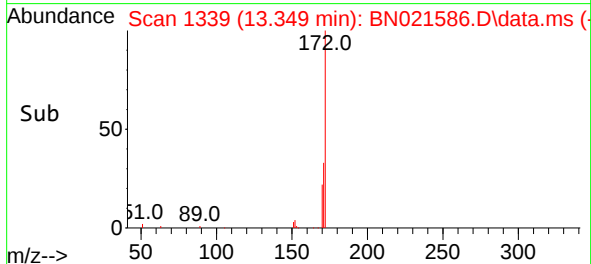
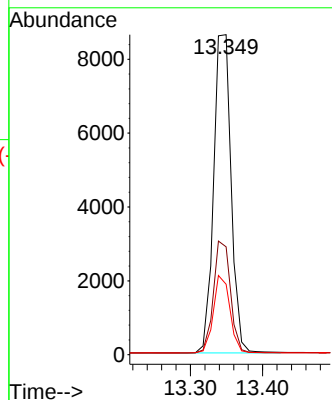
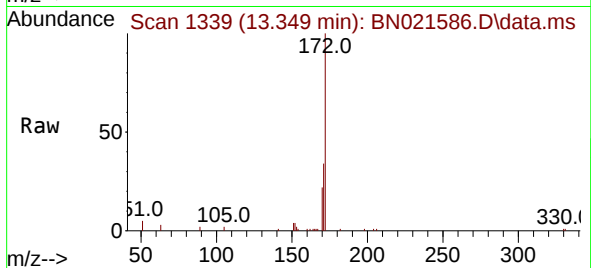




#15
2-Fluorobiphenyl
Concen: 0.327 ng
RT: 13.349 min Scan# 11
Delta R.T. 0.000 min
Lab File: BN021586.D
Acq: 03 Sep 2022 08:07

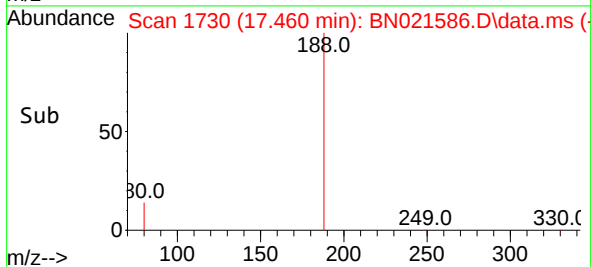
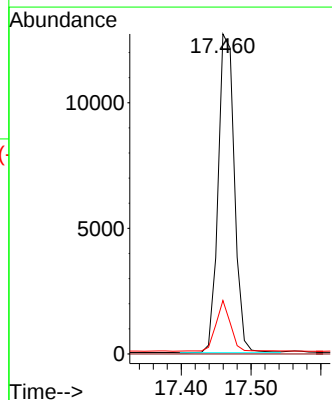
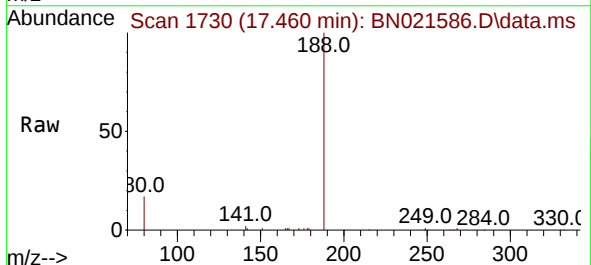
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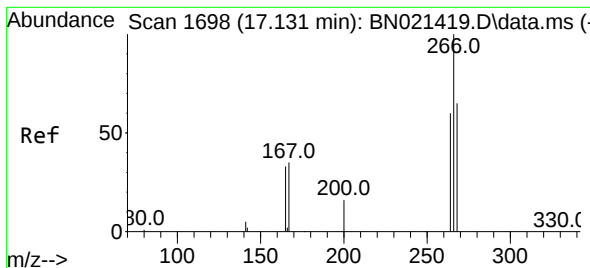
Tgt Ion:172 Resp: 14548
Ion Ratio Lower Upper
172 100
171 33.7 27.8 41.6
170 22.0 18.6 28.0



#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.460 min Scan# 1730
Delta R.T. -0.010 min
Lab File: BN021586.D
Acq: 03 Sep 2022 08:07

Tgt Ion:188 Resp: 20579
Ion Ratio Lower Upper
188 100
94 0.0 0.0 0.0
80 16.7 9.5 14.3#





#24

Pentachlorophenol

Concen: 0.211 ng

RT: 17.111 min Scan# 1696

Delta R.T. -0.010 min

Lab File: BN021586.D

Acq: 03 Sep 2022 08:07

Instrument :

BNA_N

ClientSampleId :

BR-03D-479.5-499.5-083122-H

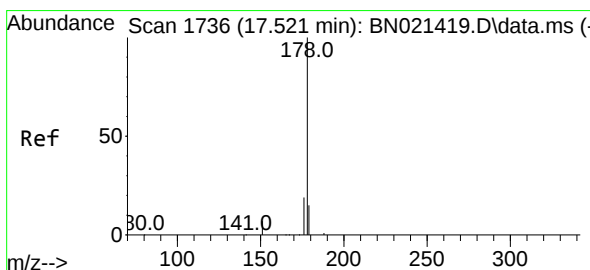
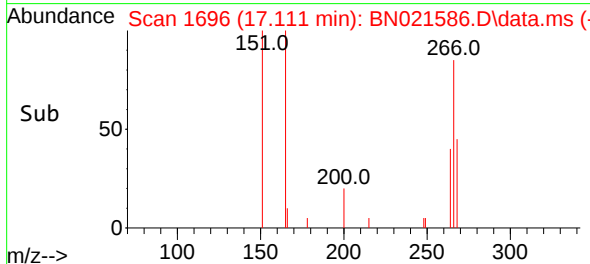
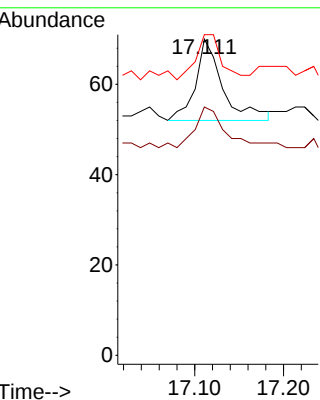
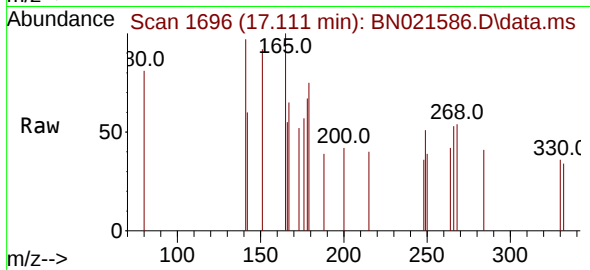
Tgt Ion:266 Resp: 39

Ion Ratio Lower Upper

266 100

264 56.4 49.0 73.6

268 51.3 50.9 76.3



#25

Phenanthrene

Concen: 0.021 ng

RT: 17.511 min Scan# 1735

Delta R.T. 0.000 min

Lab File: BN021586.D

Acq: 03 Sep 2022 08:07

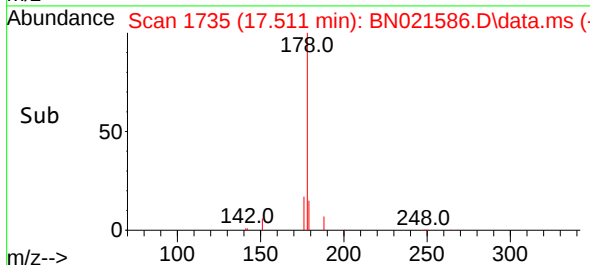
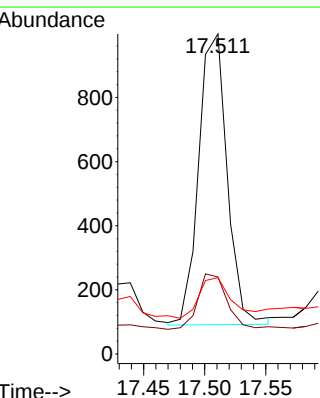
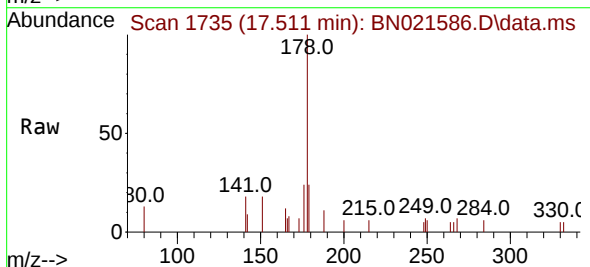
Tgt Ion:178 Resp: 1473

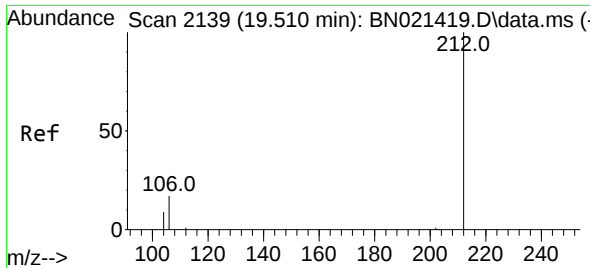
Ion Ratio Lower Upper

178 100

176 20.1 15.4 23.2

179 15.8 12.2 18.4

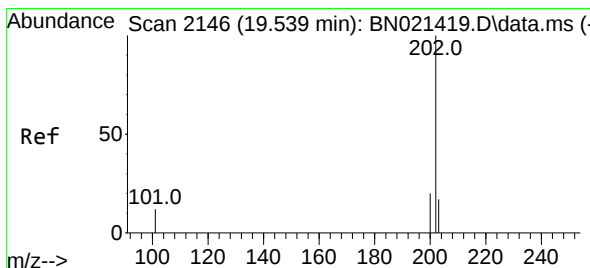
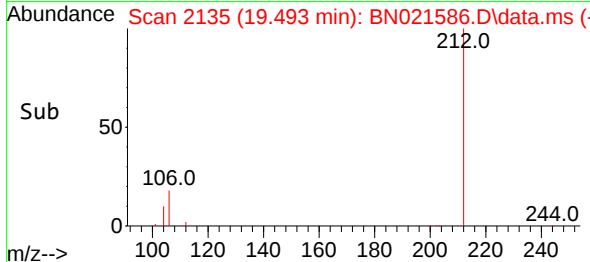
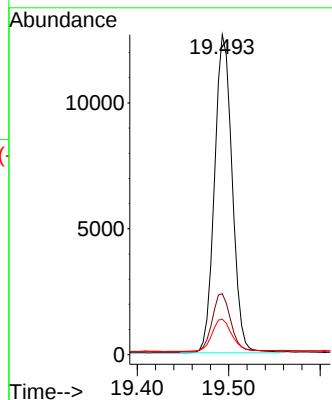
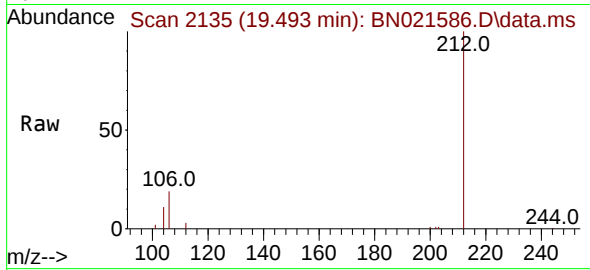




#27
Fluoranthene-d10
Concen: 0.319 ng
RT: 19.493 min Scan# 2135
Delta R.T. -0.008 min
Lab File: BN021586.D
Acq: 03 Sep 2022 08:07

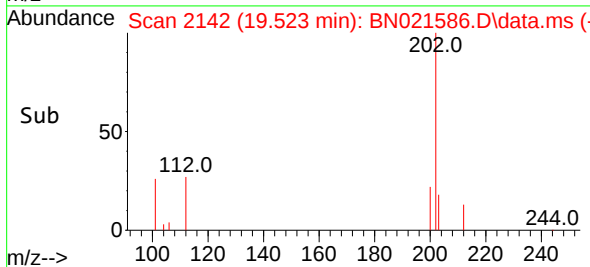
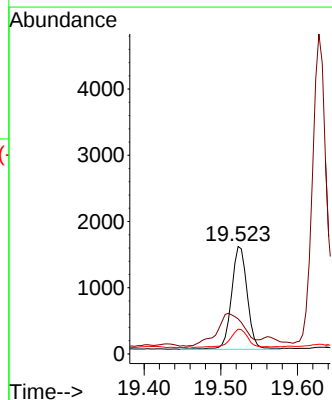
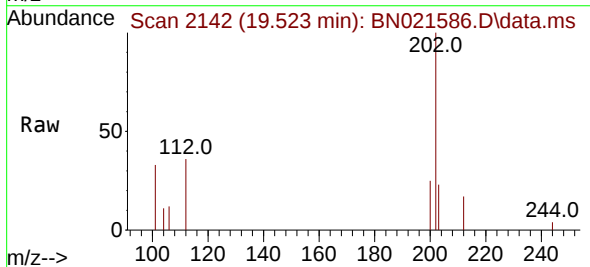
Instrument :
BNA_N
ClientSampleId :
BR-03D-479.5-499.5-083122-H

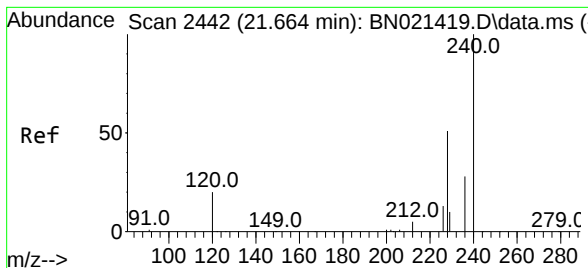
Tgt Ion:212 Resp: 16871
Ion Ratio Lower Upper
212 100
106 19.2 14.2 21.2
104 11.6 7.8 11.6



#28
Fluoranthene
Concen: 0.030 ng
RT: 19.523 min Scan# 2142
Delta R.T. -0.008 min
Lab File: BN021586.D
Acq: 03 Sep 2022 08:07

Tgt Ion:202 Resp: 2211
Ion Ratio Lower Upper
202 100
101 55.1 10.9 16.3#
203 18.6 13.8 20.6





#29

Chrysene-d12

Concen: 0.400 ng

RT: 21.655 min Scan# 2441

Delta R.T. -0.009 min

Lab File: BN021586.D

Acq: 03 Sep 2022 08:07

Instrument :

BNA_N

ClientSampleId :

BR-03D-479.5-499.5-083122-H

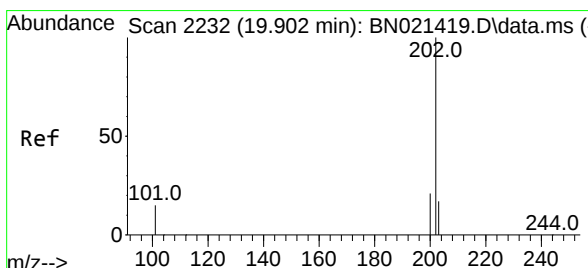
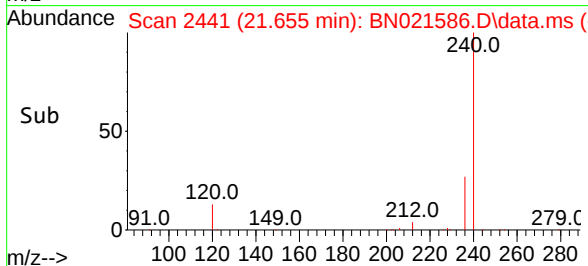
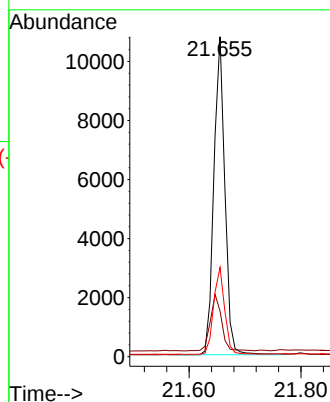
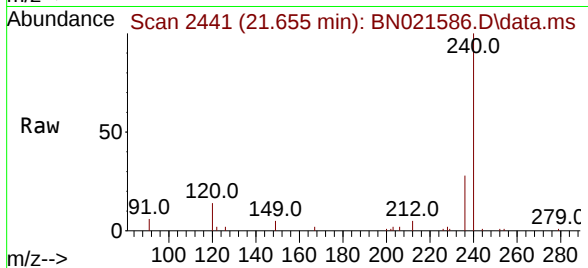
Tgt Ion:240 Resp: 14725

Ion Ratio Lower Upper

240 100

120 14.3 10.2 15.4

236 27.9 22.1 33.1



#30

Pyrene

Concen: 0.023 ng

RT: 19.889 min Scan# 2229

Delta R.T. -0.008 min

Lab File: BN021586.D

Acq: 03 Sep 2022 08:07

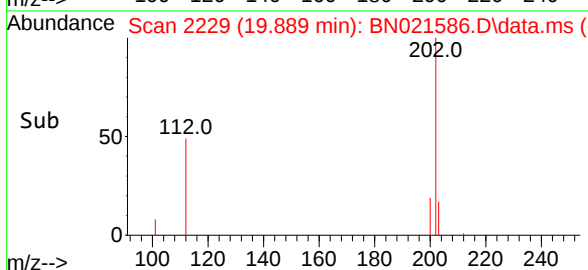
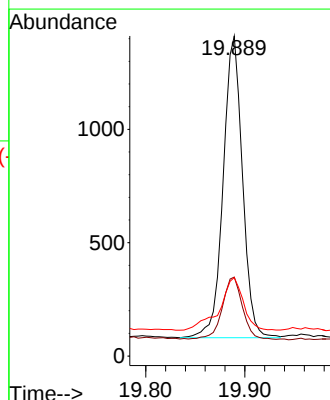
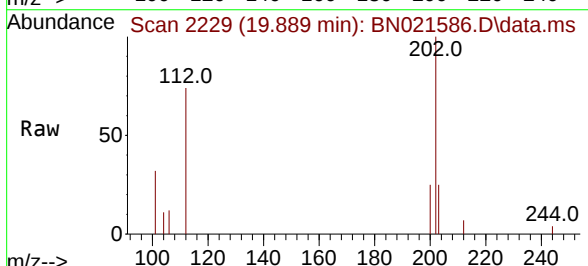
Tgt Ion:202 Resp: 1797

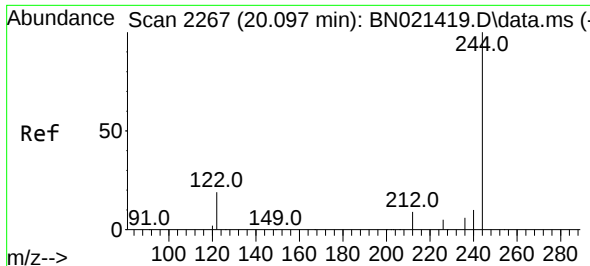
Ion Ratio Lower Upper

202 100

200 22.1 13.9 20.9#

203 21.4 11.9 17.9#

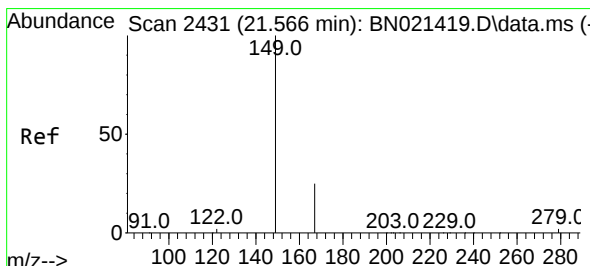
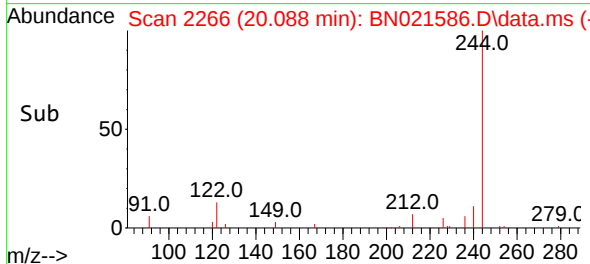
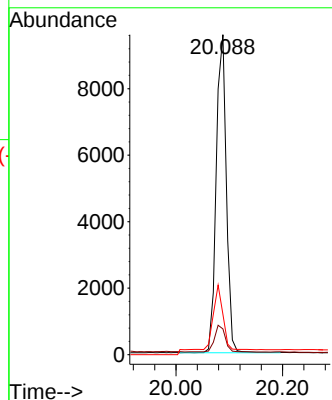
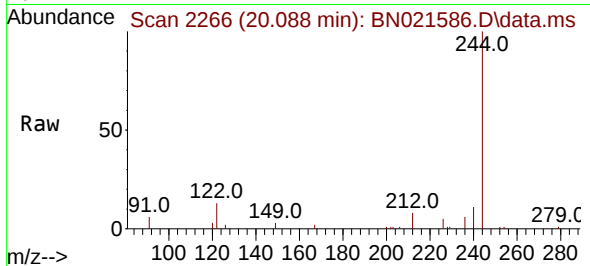




#31
 Terphenyl-d14
 Concen: 0.380 ng
 RT: 20.088 min Scan# 21
 Delta R.T. -0.009 min
 Lab File: BN021586.D
 Acq: 03 Sep 2022 08:07

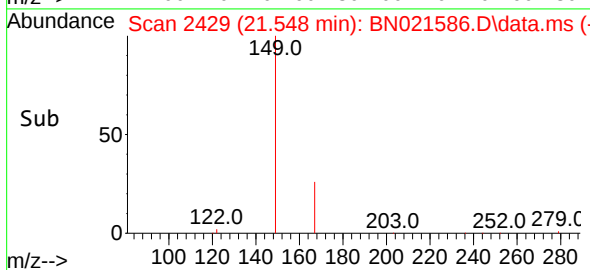
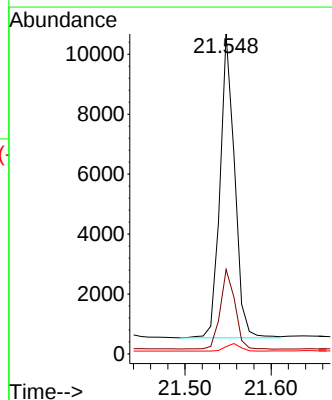
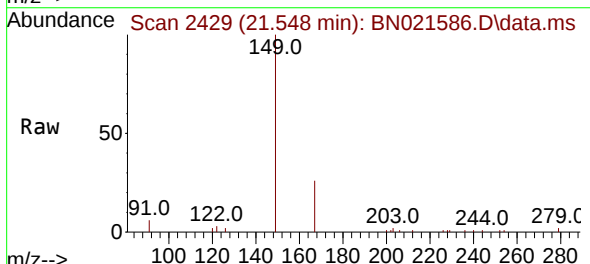
Instrument :
 BNA_N
 ClientSampleId :
 BR-03D-479.5-499.5-083122-H

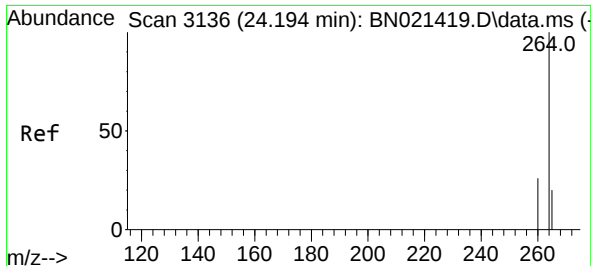
Tgt Ion:244 Resp: 12560
 Ion Ratio Lower Upper
 244 100
 212 8.0 6.5 9.7
 122 12.6 9.1 13.7



#34
 Bis(2-ethylhexyl)phthalate
 Concen: 0.577 ng
 RT: 21.548 min Scan# 2429
 Delta R.T. -0.009 min
 Lab File: BN021586.D
 Acq: 03 Sep 2022 08:07

Tgt Ion:149 Resp: 11914
 Ion Ratio Lower Upper
 149 100
 167 26.1 21.4 32.0
 279 2.5 2.2 3.2

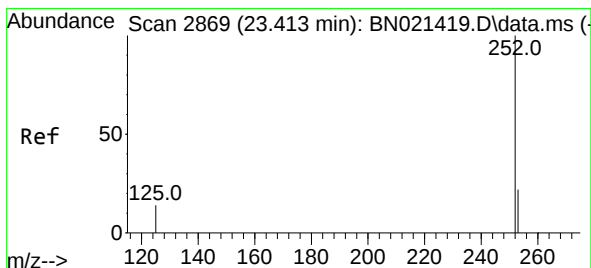
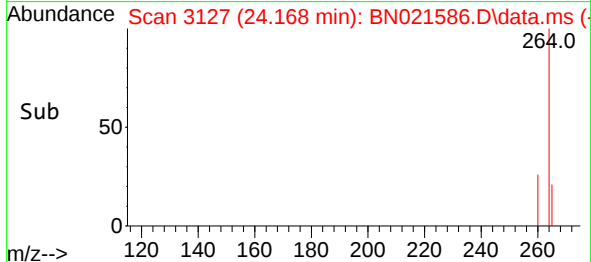
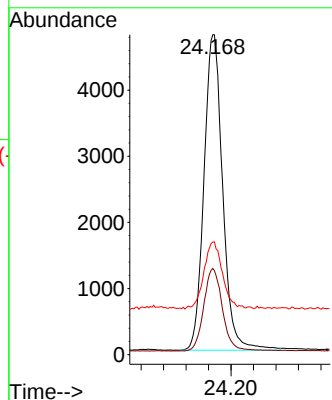
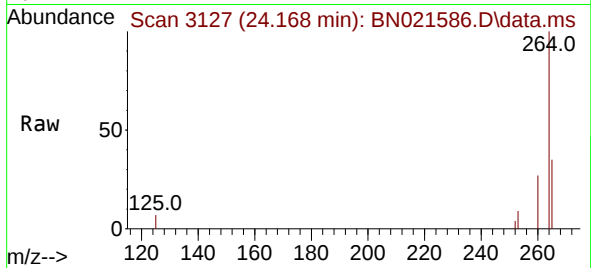




#35
Perylene-d12
Concen: 0.400 ng
RT: 24.168 min Scan# 31
Delta R.T. -0.017 min
Lab File: BN021586.D
Acq: 03 Sep 2022 08:07

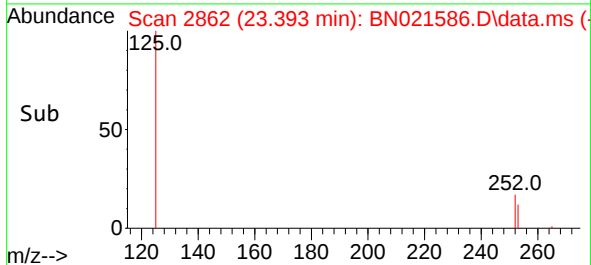
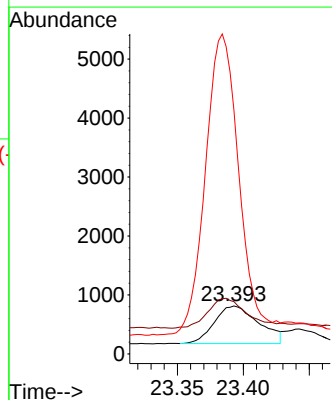
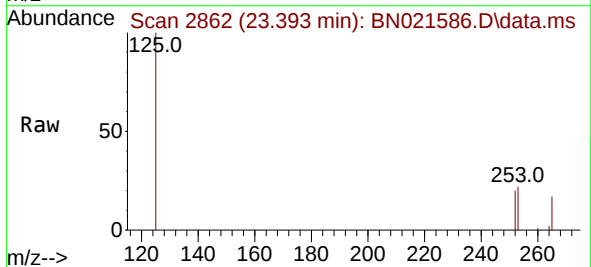
Instrument :
BNA_N
ClientSampleId :
BR-03D-479.5-499.5-083122-H

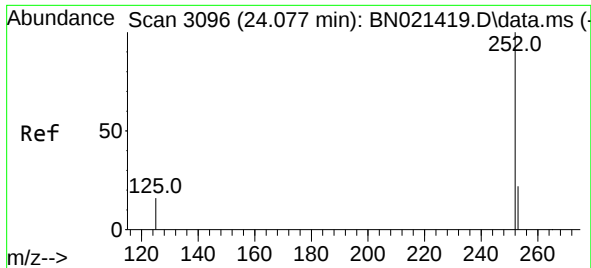
Tgt Ion:264 Resp: 11022
Ion Ratio Lower Upper
264 100
260 27.0 21.0 31.6
265 35.2 32.2 48.2



#37
Benzo(b)fluoranthene
Concen: 0.028 ng
RT: 23.393 min Scan# 2862
Delta R.T. -0.014 min
Lab File: BN021586.D
Acq: 03 Sep 2022 08:07

Tgt Ion:252 Resp: 1495
Ion Ratio Lower Upper
252 100
253 109.2 19.8 29.6#
125 508.0 13.7 20.5#





#39

Benzo(a)pyrene

Concen: 0.025 ng

RT: 24.051 min Scan# 30

Delta R.T. -0.017 min

Lab File: BN021586.D

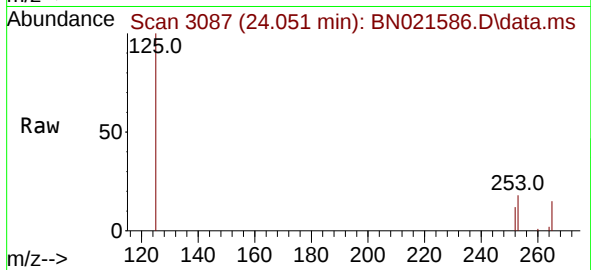
Acq: 03 Sep 2022 08:07

Instrument :

BNA_N

ClientSampleId :

BR-03D-479.5-499.5-083122-H



Tgt Ion:252 Resp: 932

Ion Ratio Lower Upper

252 100

253 145.1 21.1 31.7#

125 804.1 16.6 25.0#

