

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN101020\
 Data File : BN012129.D
 Acq On : 09 Oct 2020 19:06
 Operator : CG/JU
 Sample : PB132244BL
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 PB132244BL

Quant Time: Oct 10 01:57:15 2020
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN092320.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Oct 09 18:10:29 2020
 Response via : Initial Calibration

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

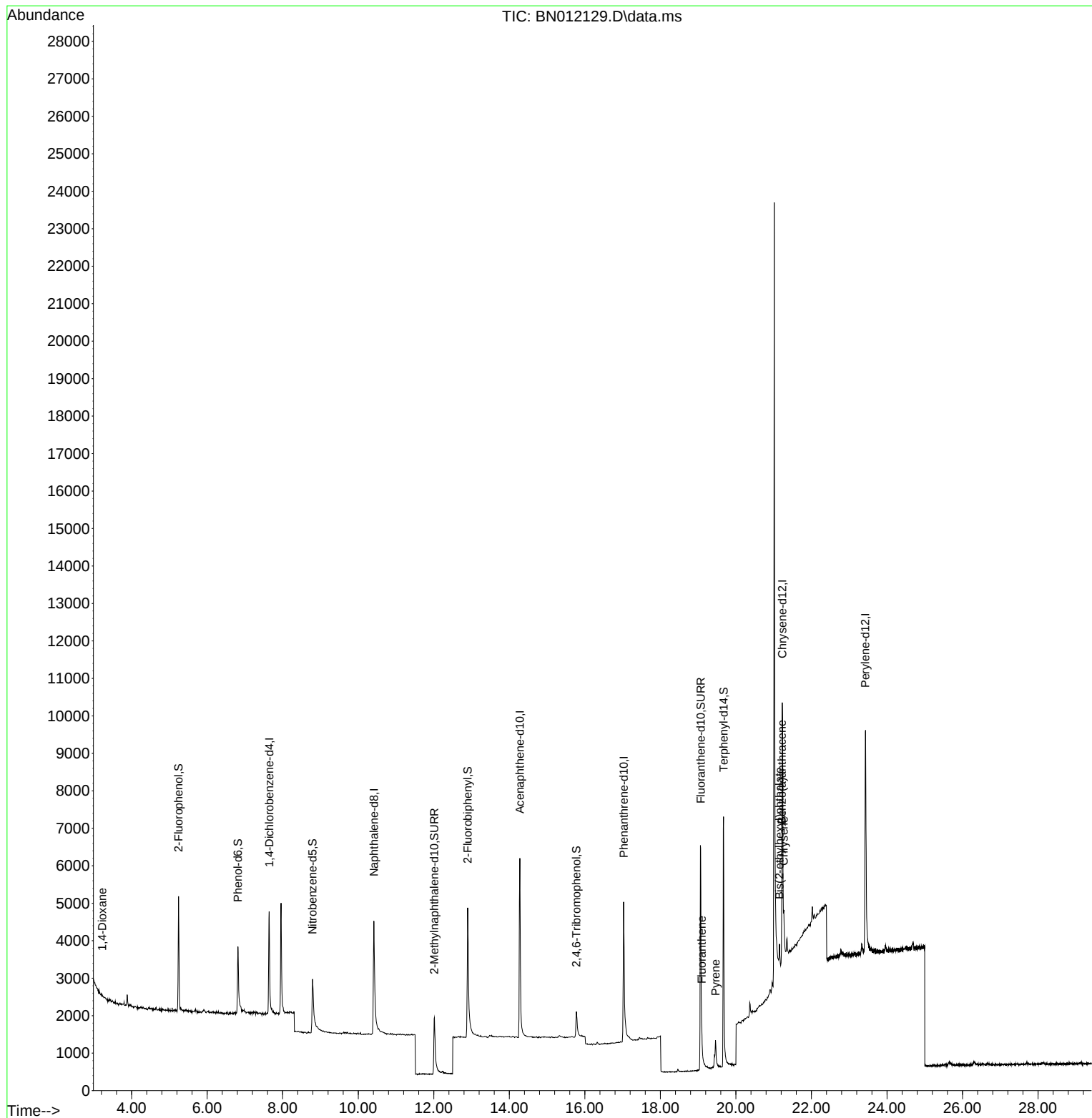
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.643	152	1636	0.40	ng	0.00
7) Naphthalene-d8	10.415	136	6369	0.40	ng	# 0.00
13) Acenaphthene-d10	14.281	164	3703	0.40	ng	0.00
19) Phenanthrene-d10	17.029	188	8080	0.40	ng	0.00
29) Chrysene-d12	21.227	240	8953	0.40	ng	# 0.00
36) Perylene-d12	23.429	264	9472	0.40	ng	# 0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.243	112	2148	0.37	ng	0.00
5) Phenol-d6	6.813	99	2234	0.31	ng	0.00
8) Nitrobenzene-d5	8.793	82	2344	0.36	ng	0.01
11) 2-Methylnaphthalene-d10	12.011	152	3829	0.38	ng	0.00
14) 2,4,6-Tribromophenol	15.778	330	797	0.44	ng	0.00
15) 2-Fluorobiphenyl	12.898	172	4724	0.34	ng	0.00
27) Fluoranthene-d10	19.067	212	9556	0.40	ng	0.00
31) Terphenyl-d14	19.673	244	8635	0.42	ng	0.00
Target Compounds						
2) 1,4-Dioxane	3.221	88	78	0.03	ng	# 32
28) Fluoranthene	19.097	202	616	0.02	ng	# 91
30) Pyrene	19.459	202	905	0.03	ng	98
32) Benzo(a)anthracene	21.216	228	728	0.03	ng	# 75
33) Chrysene	21.269	228	1030	0.03	ng	# 86
34) Bis(2-ethylhexyl)phtha...	21.152	149	689	0.03	ng	# 82

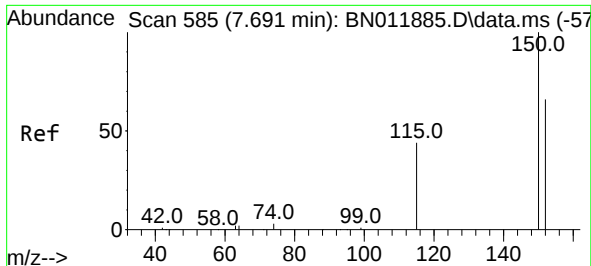
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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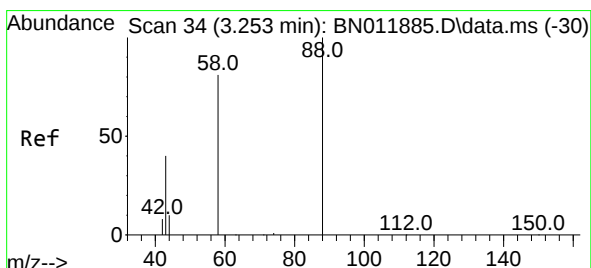
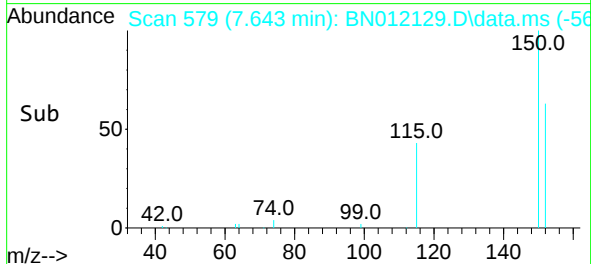
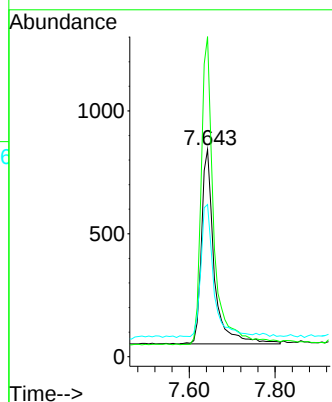
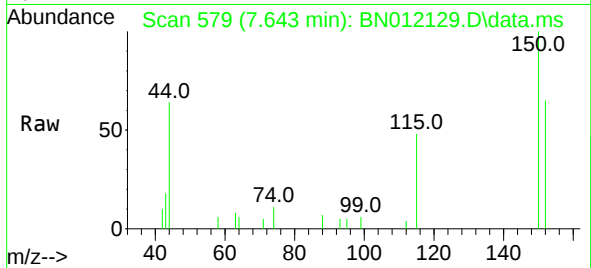




#1
 1,4-Dichlorobenzene-d4
 Concen: 0.40 ng
 RT: 7.643 min Scan# 579
 Delta R.T. 0.001 min
 Lab File: BN012129.D
 Acq: 09 Oct 2020 19:06

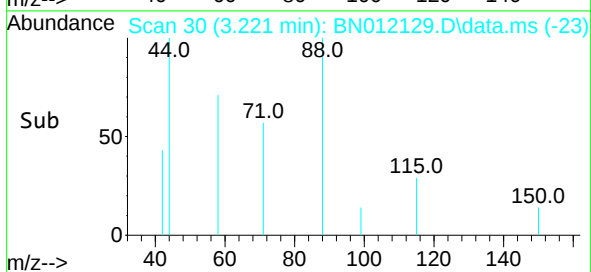
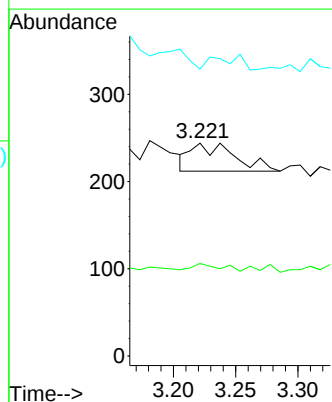
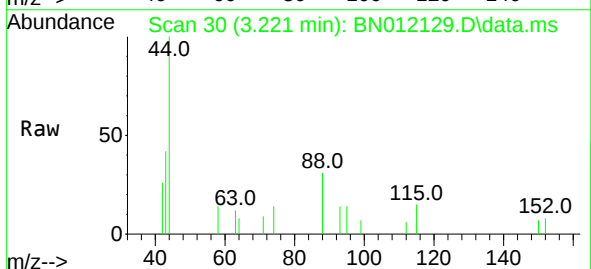
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 BNA_N
 ClientSampleId :
 PB132244BL

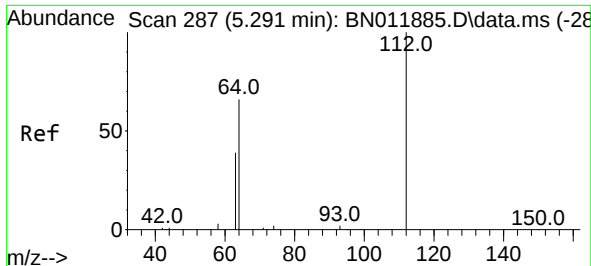
Tgt Ion:152 Resp: 1636
 Ion Ratio Lower Upper
 152 100
 150 154.4 118.3 177.5
 115 73.4 51.3 76.9



#2
 1,4-Dioxane
 Concen: 0.03 ng
 RT: 3.221 min Scan# 30
 Delta R.T. 0.008 min
 Lab File: BN012129.D
 Acq: 09 Oct 2020 19:06

Tgt Ion: 88 Resp: 78
 Ion Ratio Lower Upper
 88 100
 58 17.9 63.3 94.9#
 43 0.0 33.0 49.4#

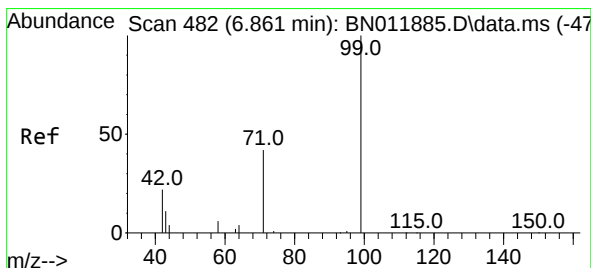
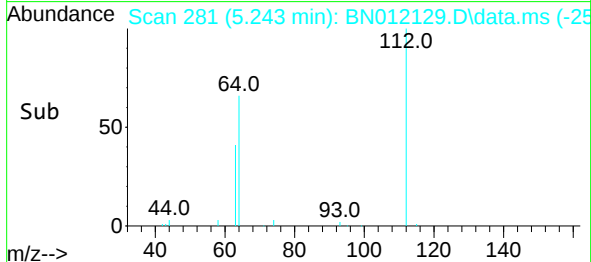
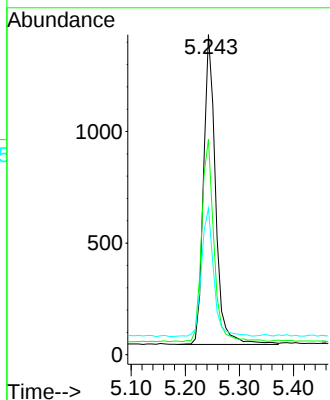
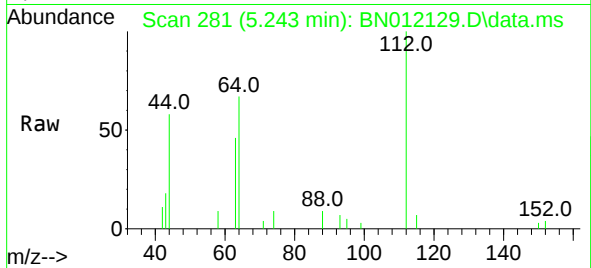




#4
2-Fluorophenol
Concen: 0.37 ng
RT: 5.243 min Scan# 281
Delta R.T. 0.000 min
Lab File: BN012129.D
Acq: 09 Oct 2020 19:06

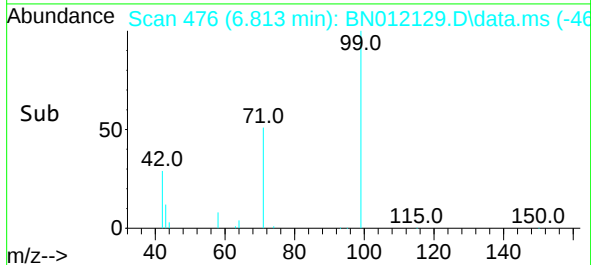
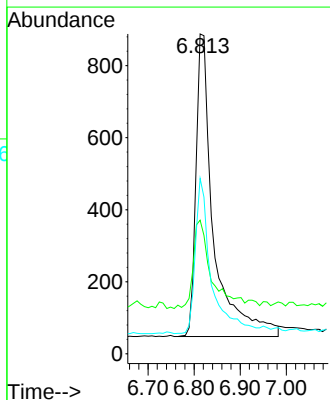
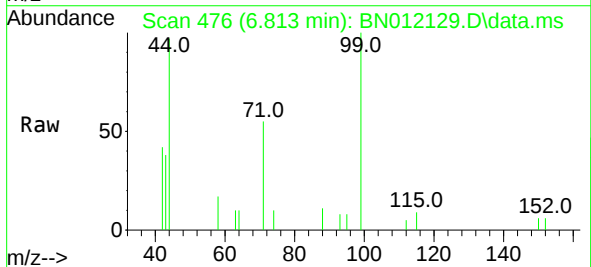
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ClientSampleId :
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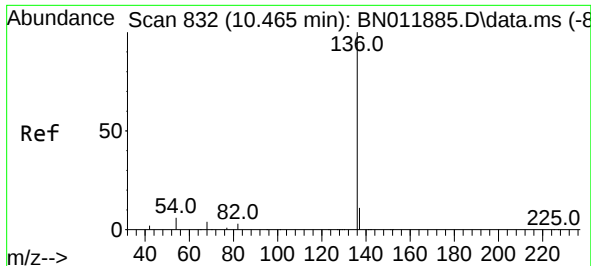
Tgt Ion:112 Resp: 2148
Ion Ratio Lower Upper
112 100
64 66.4 49.0 73.6
63 41.9 31.8 47.6



#5
Phenol-d6
Concen: 0.31 ng
RT: 6.813 min Scan# 476
Delta R.T. 0.000 min
Lab File: BN012129.D
Acq: 09 Oct 2020 19:06

Tgt Ion: 99 Resp: 2234
Ion Ratio Lower Upper
99 100
42 29.7 23.4 35.0
71 46.3 38.1 57.1

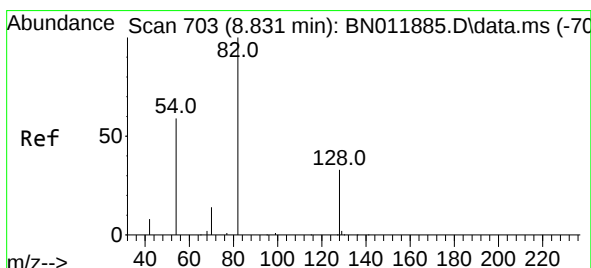
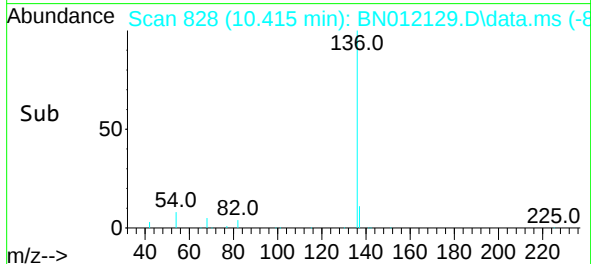
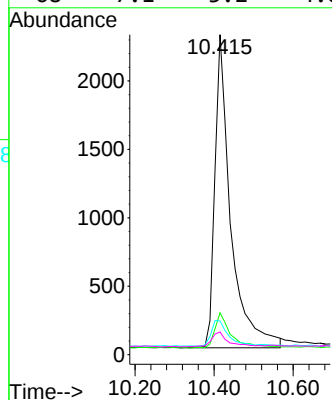
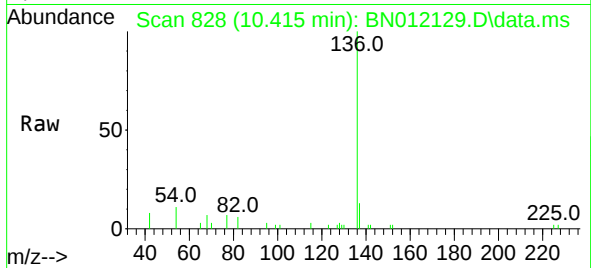




#7
Naphthalene-d8
Concen: 0.40 ng
RT: 10.415 min Scan# 828
Delta R.T. 0.000 min
Lab File: BN012129.D
Acq: 09 Oct 2020 19:06

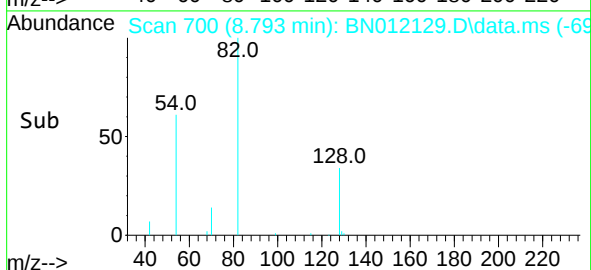
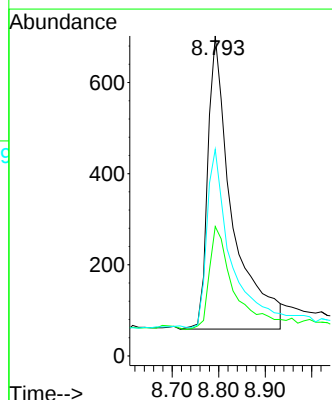
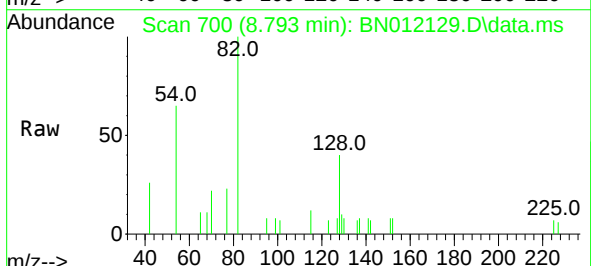
Instrument :
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ClientSampleId :
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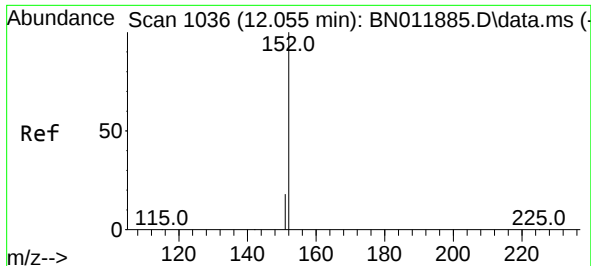
Tgt Ion:	136	Resp:	6369
Ion	Ratio	Lower	Upper
136	100		
137	13.1	9.5	14.3
54	10.6	5.6	8.4#
68	7.1	3.2	4.8#



#8
Nitrobenzene-d5
Concen: 0.36 ng
RT: 8.793 min Scan# 700
Delta R.T. 0.013 min
Lab File: BN012129.D
Acq: 09 Oct 2020 19:06

Tgt Ion:	82	Resp:	2344
Ion	Ratio	Lower	Upper
82	100		
128	40.5	34.2	51.2
54	64.5	43.1	64.7

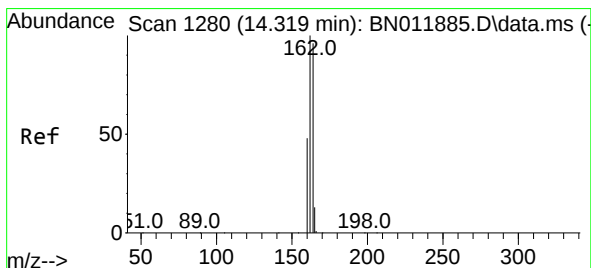
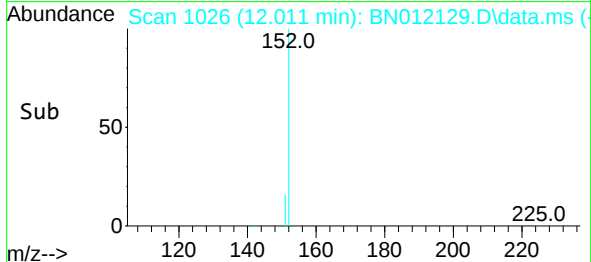
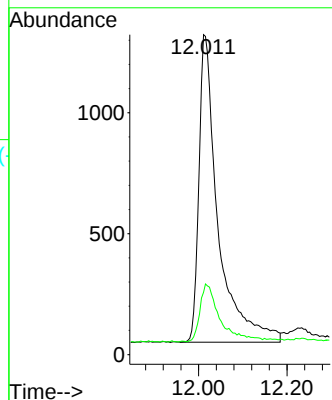
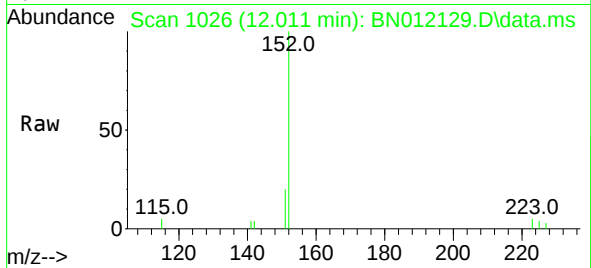




#11
2-Methylnaphthalene-d10
Concen: 0.38 ng
RT: 12.011 min Scan# 1026
Delta R.T. 0.005 min
Lab File: BN012129.D
Acq: 09 Oct 2020 19:06

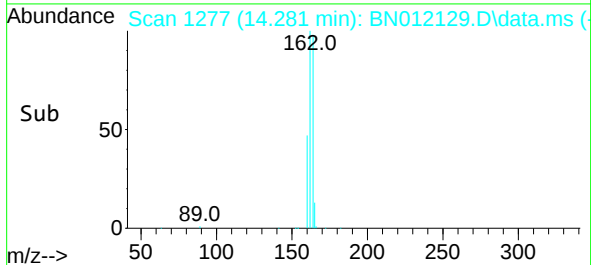
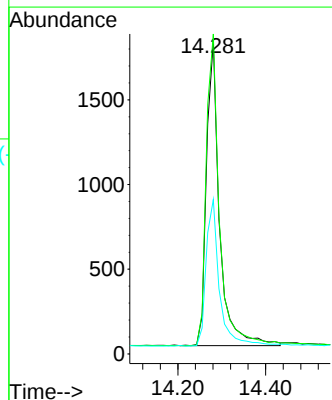
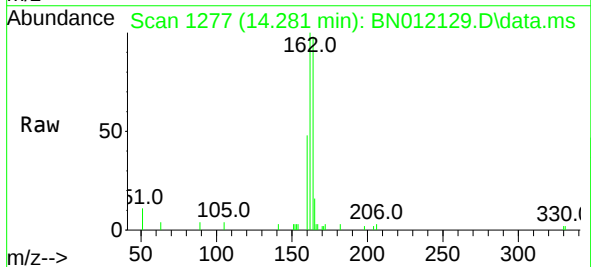
Instrument :
BNA_N
ClientSampleId :
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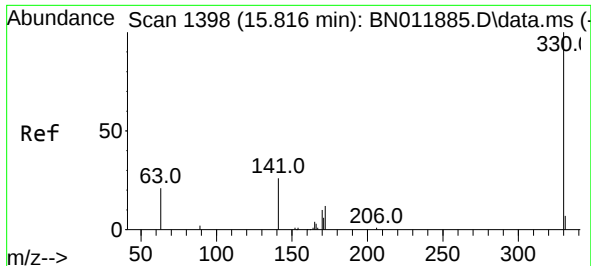
Tgt Ion:152 Resp: 3829
Ion Ratio Lower Upper
152 100
151 19.5 16.7 25.1



#13
Acenaphthene-d10
Concen: 0.40 ng
RT: 14.281 min Scan# 1277
Delta R.T. 0.000 min
Lab File: BN012129.D
Acq: 09 Oct 2020 19:06

Tgt Ion:164 Resp: 3703
Ion Ratio Lower Upper
164 100
162 102.4 83.6 125.4
160 49.4 41.2 61.8

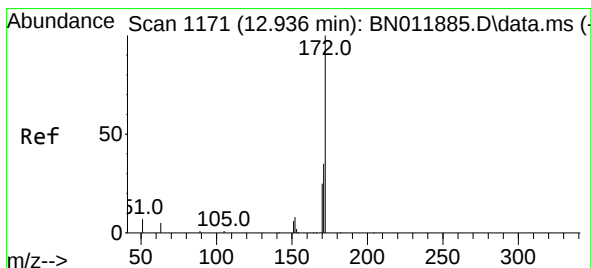
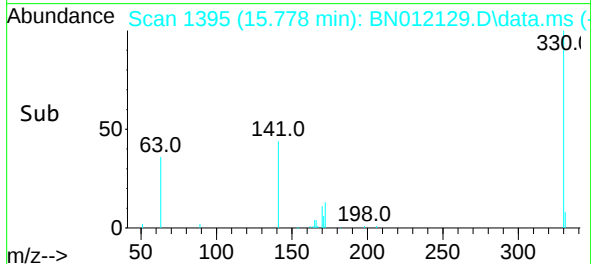
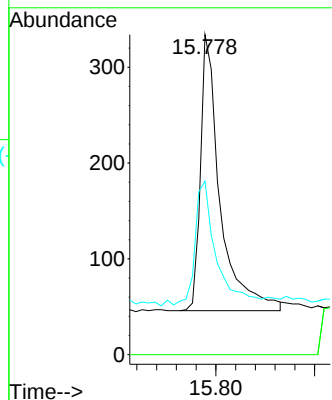
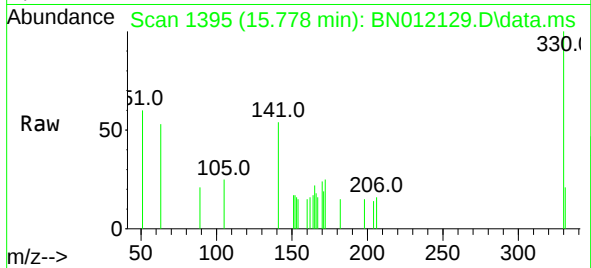




#14
2,4,6-Tribromophenol
Concen: 0.44 ng
RT: 15.778 min Scan# 1395
Delta R.T. 0.000 min
Lab File: BN012129.D
Acq: 09 Oct 2020 19:06

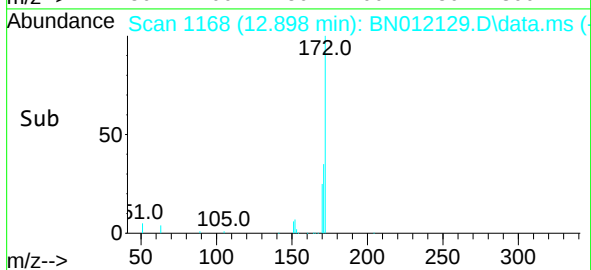
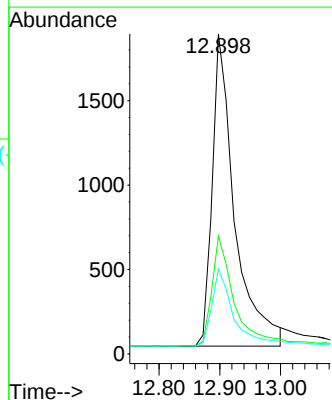
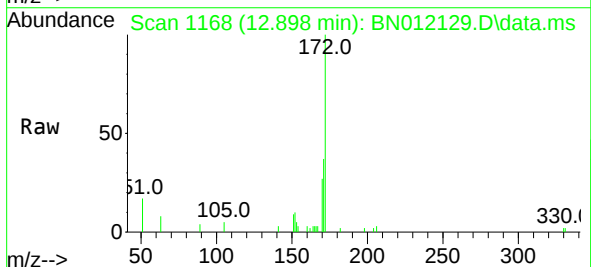
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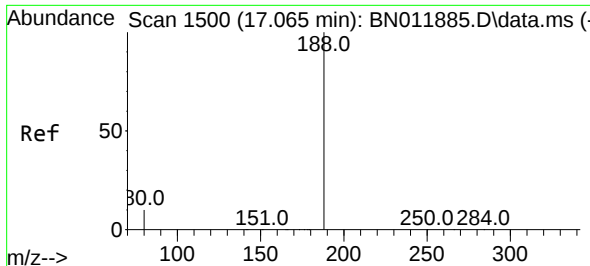
Tgt Ion:330 Resp: 797
Ion Ratio Lower Upper
330 100
332 0.0 0.0 0.0
141 47.6 33.7 50.5



#15
2-Fluorobiphenyl
Concen: 0.34 ng
RT: 12.898 min Scan# 1168
Delta R.T. 0.000 min
Lab File: BN012129.D
Acq: 09 Oct 2020 19:06

Tgt Ion:172 Resp: 4724
Ion Ratio Lower Upper
172 100
171 36.8 27.4 41.2
170 26.5 17.8 26.6

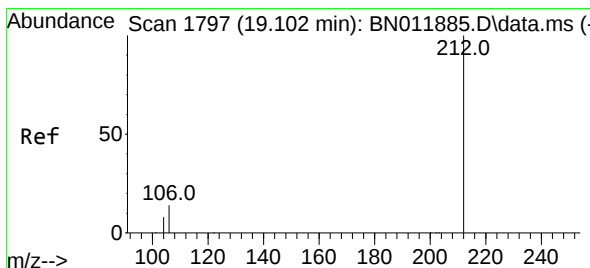
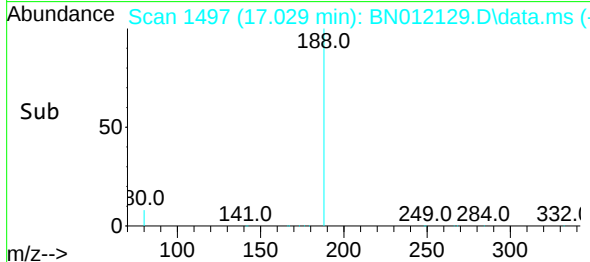
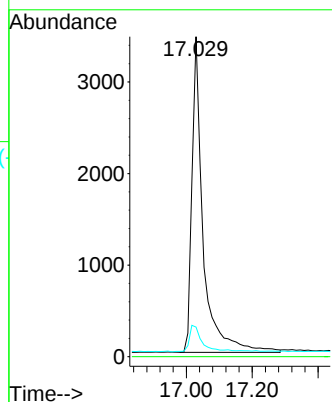
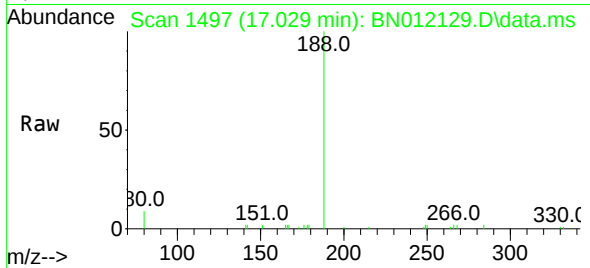




#19
Phenanthrene-d10
Concen: 0.40 ng
RT: 17.029 min Scan# 1497
Delta R.T. 0.000 min
Lab File: BN012129.D
Acq: 09 Oct 2020 19:06

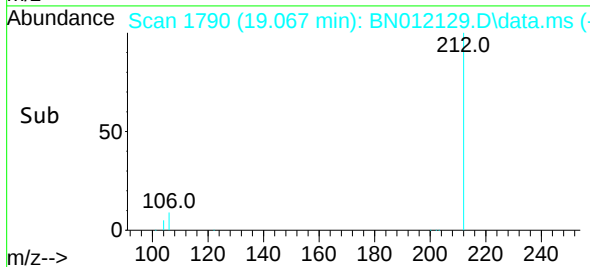
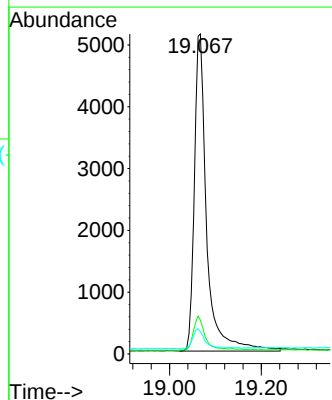
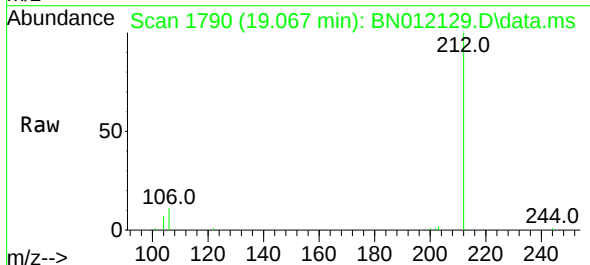
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PB132244BL

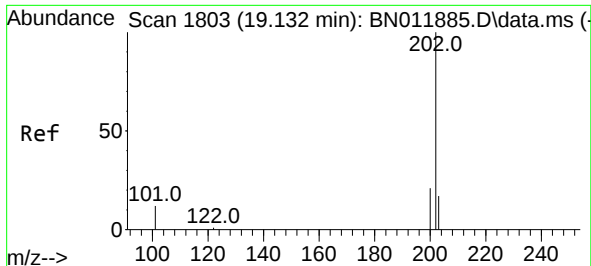
Tgt Ion:188 Resp: 8080
Ion Ratio Lower Upper
188 100
94 0.0 0.0 0.0
80 9.3 7.7 11.5



#27
Fluoranthene-d10
Concen: 0.40 ng
RT: 19.067 min Scan# 1790
Delta R.T. 0.005 min
Lab File: BN012129.D
Acq: 09 Oct 2020 19:06

Tgt Ion:212 Resp: 9556
Ion Ratio Lower Upper
212 100
106 10.6 6.4 9.6#
104 6.0 3.9 5.9#

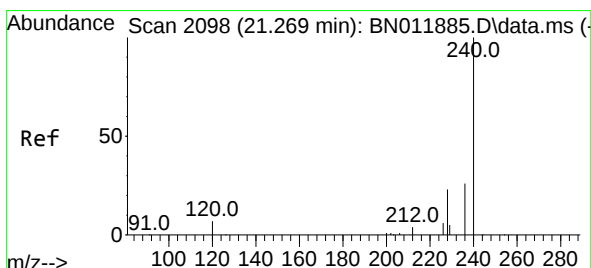
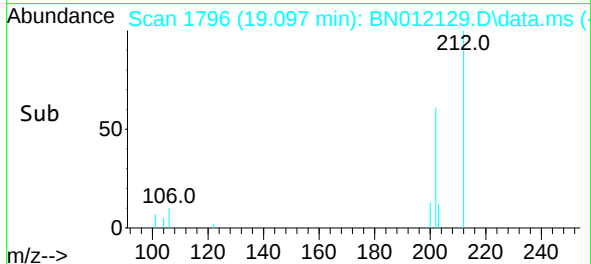
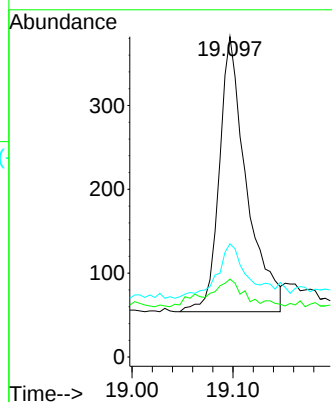
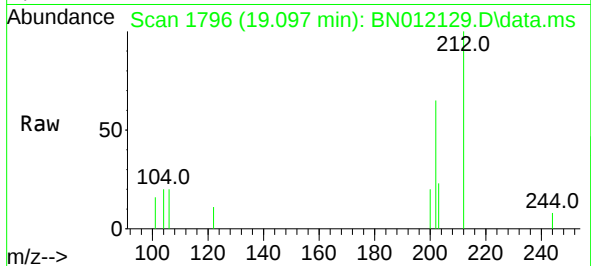




#28
Fluoranthene
Concen: 0.02 ng
RT: 19.097 min Scan# 1796
Delta R.T. 0.005 min
Lab File: BN012129.D
Acq: 09 Oct 2020 19:06

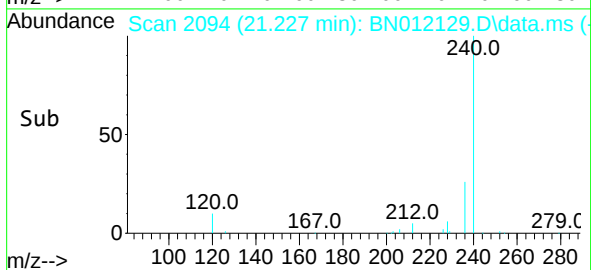
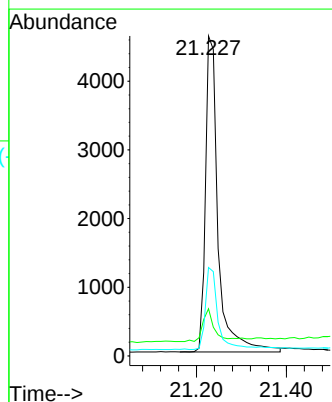
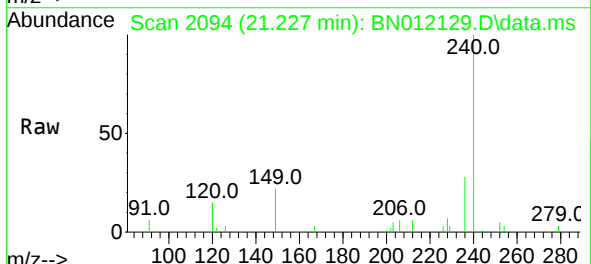
Instrument :
BNA_N
ClientSampleId :
PB132244BL

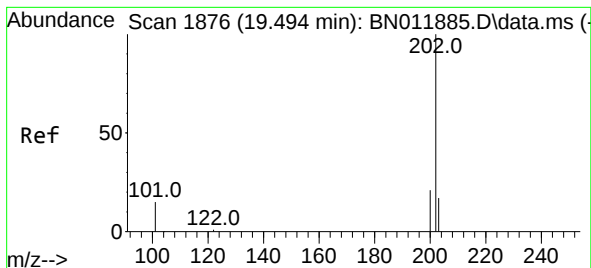
Tgt Ion:202 Resp: 616
Ion Ratio Lower Upper
202 100
101 8.1 5.4 8.2
203 22.2 13.8 20.6#



#29
Chrysene-d12
Concen: 0.40 ng
RT: 21.227 min Scan# 2094
Delta R.T. 0.000 min
Lab File: BN012129.D
Acq: 09 Oct 2020 19:06

Tgt Ion:240 Resp: 8953
Ion Ratio Lower Upper
240 100
120 14.7 3.5 5.3#
236 27.6 20.5 30.7





#30

Pyrene

Concen: 0.03 ng

RT: 19.459 min Scan# 1869

Delta R.T. 0.000 min

Lab File: BN012129.D

Acq: 09 Oct 2020 19:06

Tgt Ion:202 Resp: 905

Ion Ratio Lower Upper

202 100

200 20.0 16.5 24.7

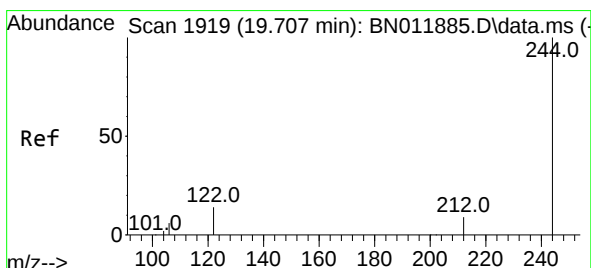
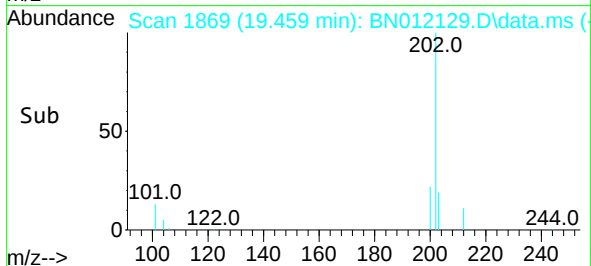
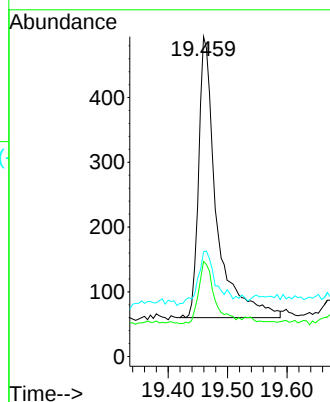
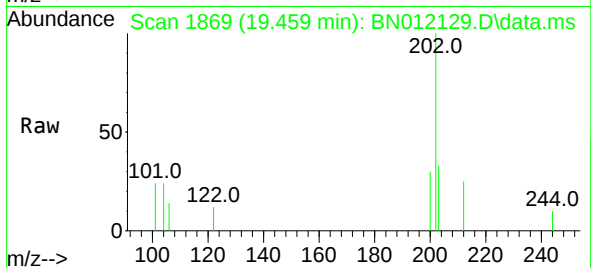
203 18.3 13.9 20.9

Instrument :

BNA_N

ClientSampleId :

PB132244BL



#31

Terphenyl-d14

Concen: 0.42 ng

RT: 19.673 min Scan# 1912

Delta R.T. 0.000 min

Lab File: BN012129.D

Acq: 09 Oct 2020 19:06

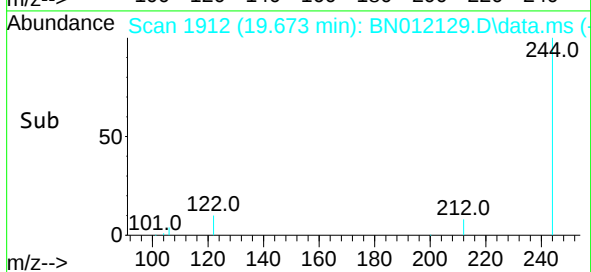
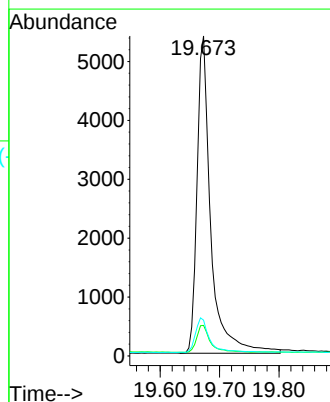
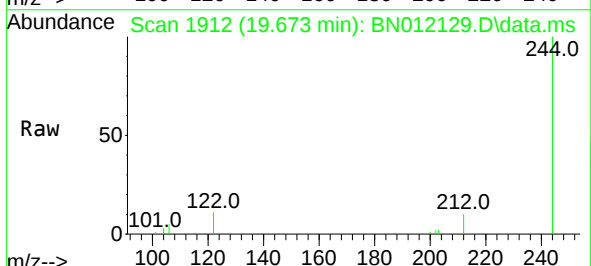
Tgt Ion:244 Resp: 8635

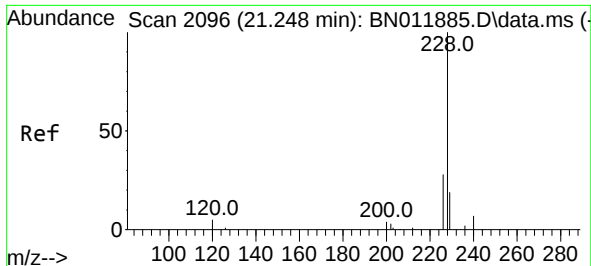
Ion Ratio Lower Upper

244 100

212 9.5 7.3 10.9

122 11.2 7.8 11.6

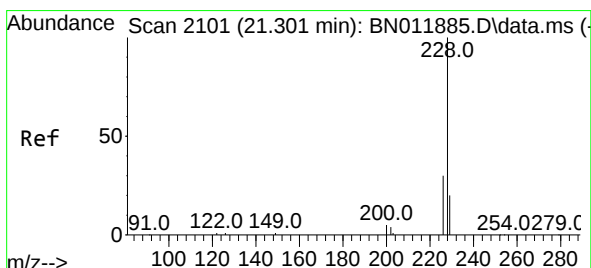
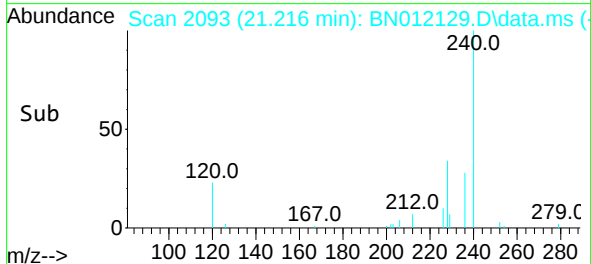
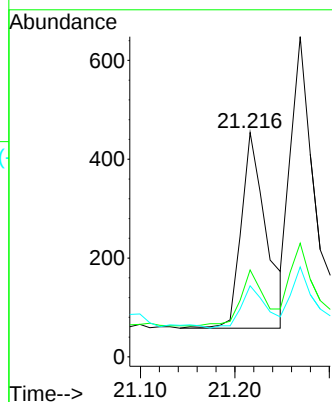
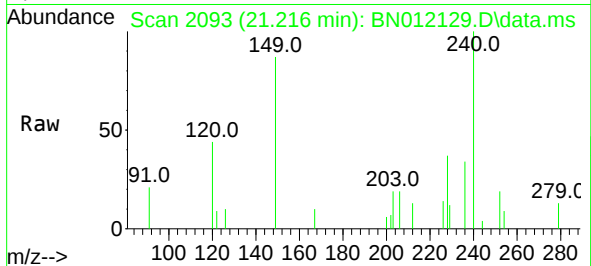




#32
Benzo(a)anthracene
Concen: 0.03 ng
RT: 21.216 min Scan# 2093
Delta R.T. 0.000 min
Lab File: BN012129.D
Acq: 09 Oct 2020 19:06

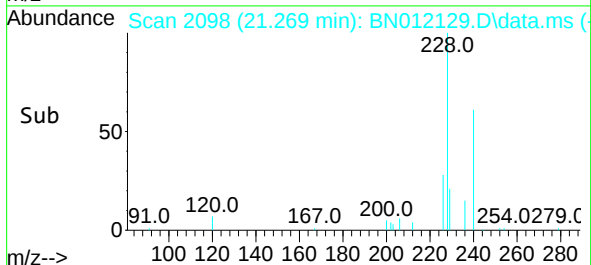
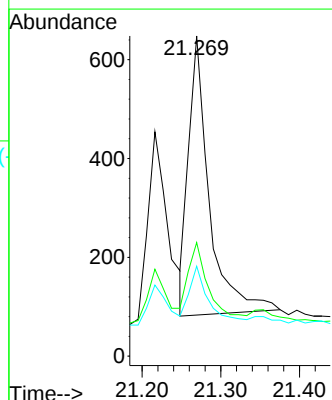
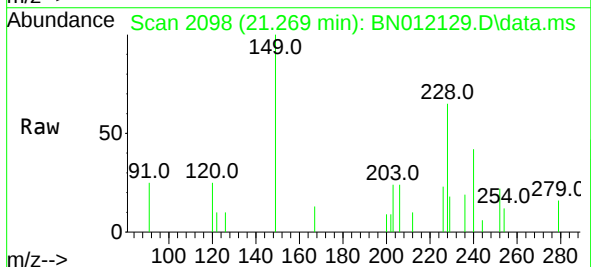
Instrument :
BNA_N
ClientSampleId :
PB132244BL

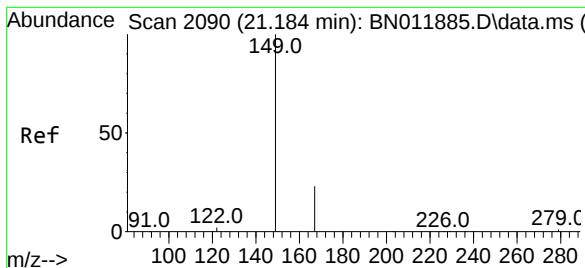
Tgt Ion:228 Resp: 728
Ion Ratio Lower Upper
228 100
226 38.8 21.0 31.4#
229 31.7 16.0 24.0#



#33
Chrysene
Concen: 0.03 ng
RT: 21.269 min Scan# 2098
Delta R.T. 0.000 min
Lab File: BN012129.D
Acq: 09 Oct 2020 19:06

Tgt Ion:228 Resp: 1030
Ion Ratio Lower Upper
228 100
226 35.5 23.3 34.9#
229 28.1 15.8 23.8#

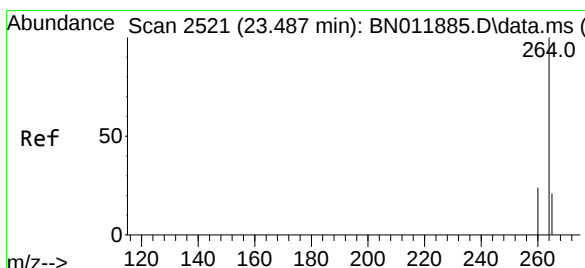
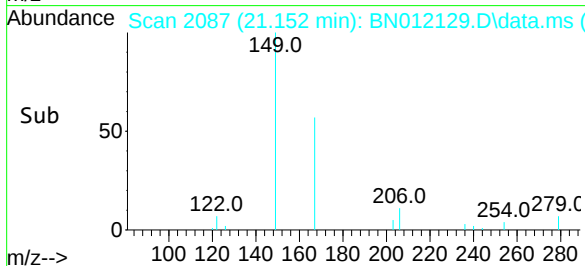
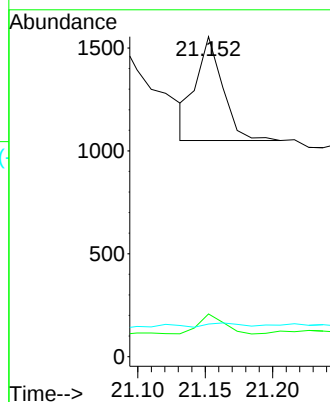
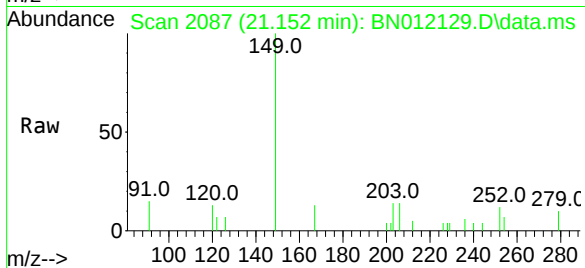




#34
 Bis(2-ethylhexyl)phthalate
 Concen: 0.03 ng
 RT: 21.152 min Scan# 2087
 Delta R.T. 0.000 min
 Lab File: BN012129.D
 Acq: 09 Oct 2020 19:06

Instrument :
 BNA_N
 ClientSampleId :
 PB132244BL

Tgt Ion:149 Resp: 689
 Ion Ratio Lower Upper
 149 100
 167 18.0 23.6 35.4#
 279 5.1 4.0 6.0



#36
 Perylene-d12
 Concen: 0.40 ng
 RT: 23.429 min Scan# 2504
 Delta R.T. -0.003 min
 Lab File: BN012129.D
 Acq: 09 Oct 2020 19:06

Tgt Ion:264 Resp: 9472
 Ion Ratio Lower Upper
 264 100
 260 24.0 19.6 29.4
 265 70.2 38.6 58.0#

