

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN101321\
 Data File : BN016929.D
 Acq On : 13 Oct 2021 13:37
 Operator : CG/JU
 Sample : M3702-05DL 50X
 Misc :
 ALS Vial : 28 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 PT-BN-WPDL

Quant Time: Oct 13 14:06:33 2021
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\8270-SIM-BN101321.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Oct 13 02:19:57 2021
 Response via : Initial Calibration

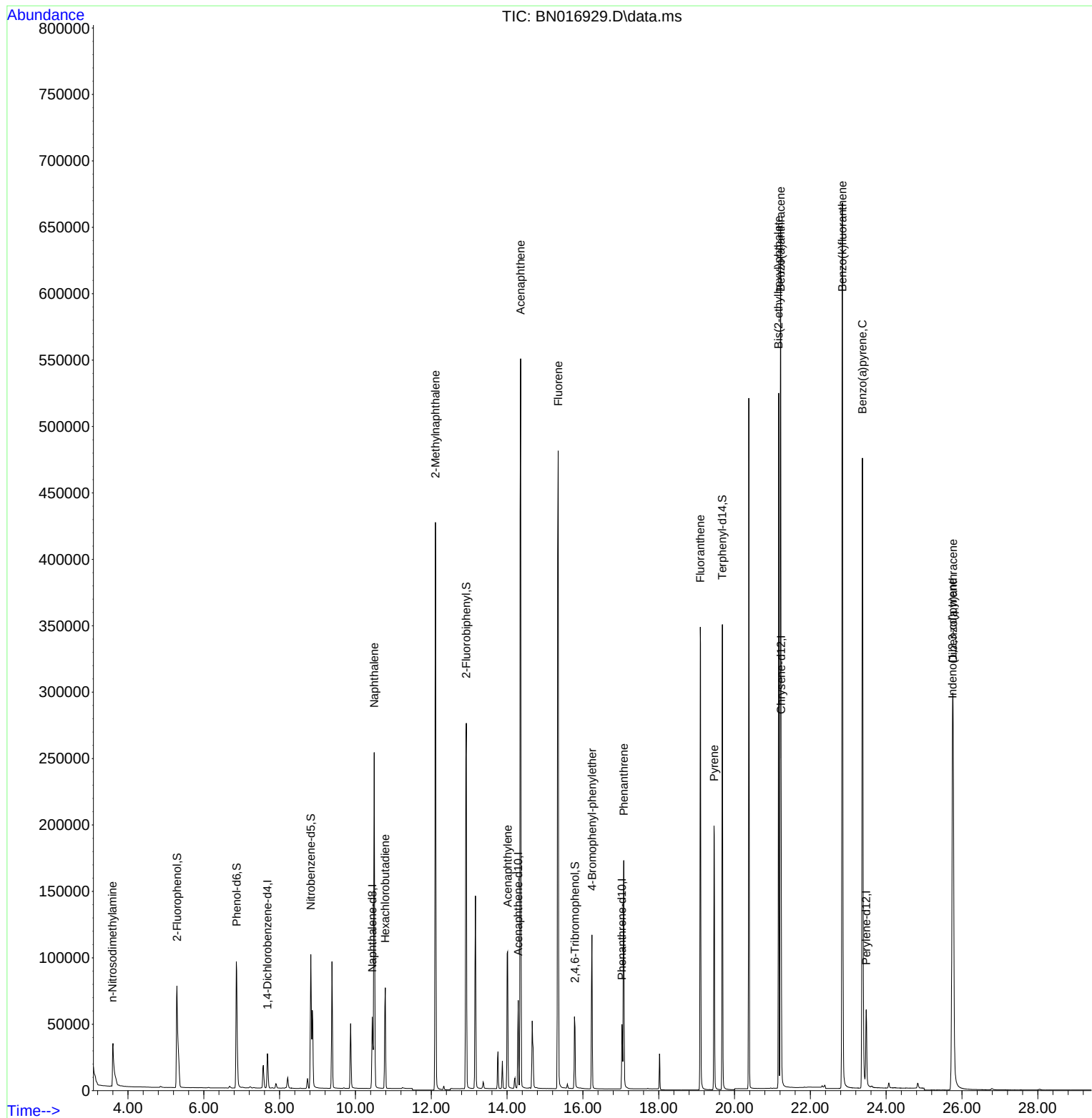
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.679	152	16366	0.40	ng	0.00
7) Naphthalene-d8	10.445	136	72544	0.40	ng	#-0.01
13) Acenaphthene-d10	14.294	164	38786	0.40	ng	0.00
19) Phenanthrene-d10	17.030	188	72233	0.40	ng	#-0.01
29) Chrysene-d12	21.227	240	77414	0.40	ng	0.00
35) Perylene-d12	23.474	264	74703	0.40	ng	0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.291	112	115311	3.10	ng	0.00
5) Phenol-d6	6.868	99	123451	2.99	ng	0.00
8) Nitrobenzene-d5	8.822	82	88987	1.93	ng	0.00
11) 2-Methylnaphthalene-d10	0.000	152	0d	0.00	ng	
14) 2,4,6-Tribromophenol	15.791	330	51082	2.90	ng	0.00
15) 2-Fluorobiphenyl	12.924	172	275557	1.88	ng	0.00
27) Fluoranthene-d10	0.000	212	0d	0.00	ng	
31) Terphenyl-d14	19.678	244	345256	2.03	ng	0.00
Target Compounds						
3) n-Nitrosodimethylamine	3.595	42	33225	2.64	ng	Qvalue 99
9) Naphthalene	10.495	128	328289	1.74	ng	99
10) Hexachlorobutadiene	10.787	225	65985	1.77	ng	# 100
12) 2-Methylnaphthalene	12.109	142	307991	2.57	ng	100
16) Acenaphthylene	14.015	152	135619	0.86	ng	100
17) Acenaphthene	14.358	154	296359	2.75	ng	99
18) Fluorene	15.347	166	217251	1.69	ng	100
21) 4-Bromophenyl-phenylether	16.239	248	59787	1.41	ng	92
25) Phenanthrene	17.078	178	188921	0.92	ng	100
28) Fluoranthene	19.098	202	323814	1.46	ng	100
30) Pyrene	19.460	202	179355	0.73	ng	100
32) Benzo(a)anthracene	21.217	228	573566	2.46	ng	100
34) Bis(2-ethylhexyl)phtha...	21.164	149	384833	2.78	ng	99
36) Indeno(1,2,3-cd)pyrene	25.747	276	283239	1.00	ng	97
38) Benzo(k)fluoranthene	22.844	252	837663	3.53	ng	# 97
39) Benzo(a)pyrene	23.375	252	691228	3.16	ng	99
40) Dibenzo(a,h)anthracene	25.764	278	387118	1.69	ng	98

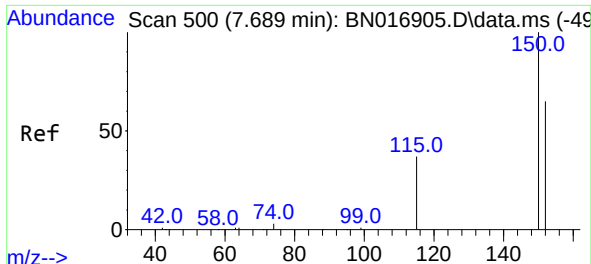
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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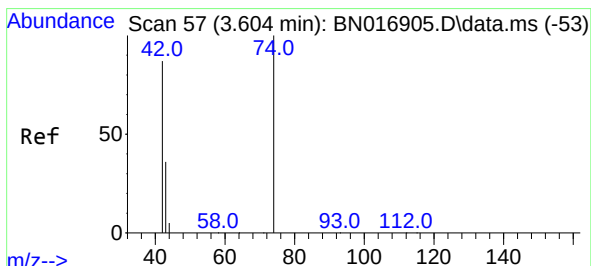
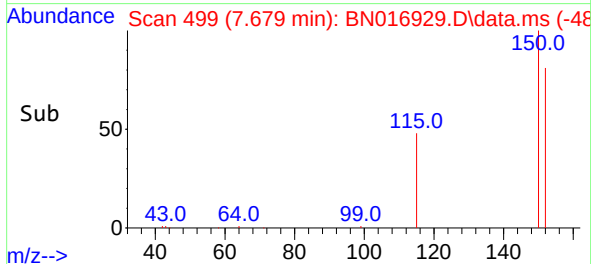
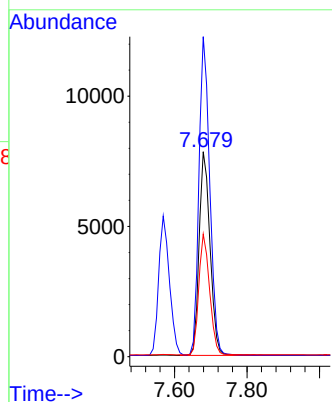
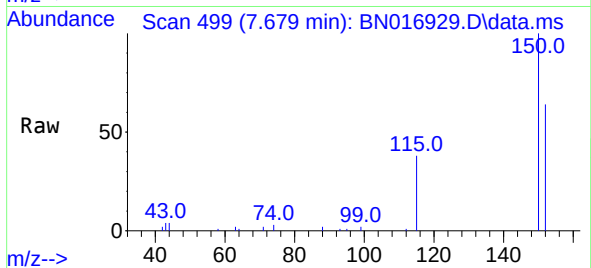




#1
1,4-Dichlorobenzene-d4
Concen: 0.40 ng
RT: 7.679 min Scan# 499
Delta R.T. -0.010 min
Lab File: BN016929.D
Acq: 13 Oct 2021 13:37

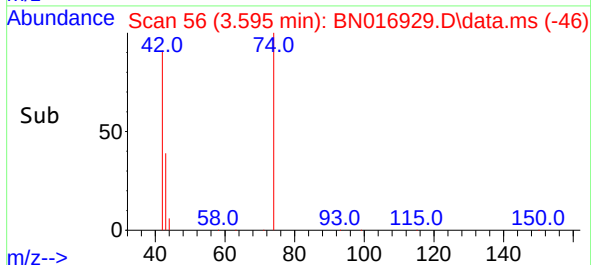
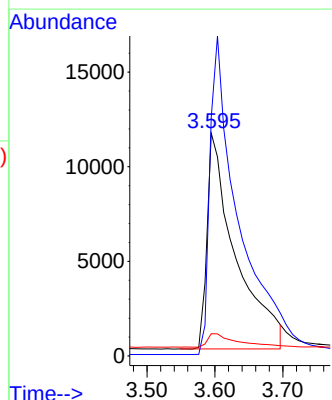
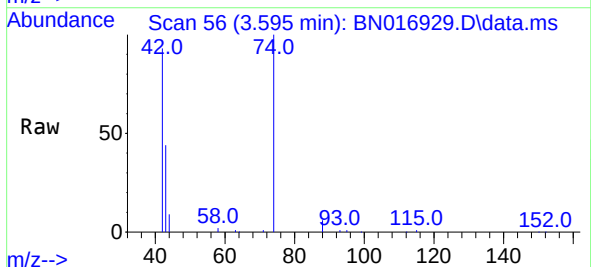
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PT-BN-WPDL

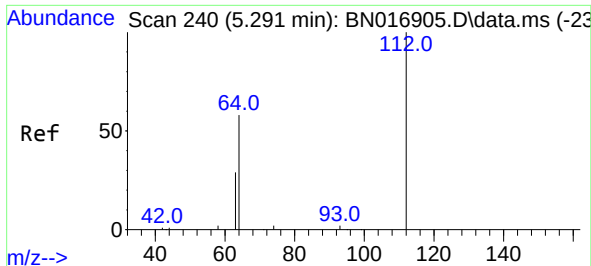
Tgt Ion:152 Resp: 16366
Ion Ratio Lower Upper
152 100
150 156.1 122.6 183.8
115 59.8 46.1 69.1



#3
n-Nitrosodimethylamine
Concen: 2.64 ng
RT: 3.595 min Scan# 56
Delta R.T. -0.009 min
Lab File: BN016929.D
Acq: 13 Oct 2021 13:37

Tgt Ion: 42 Resp: 33225
Ion Ratio Lower Upper
42 100
74 144.6 114.4 171.6
44 6.4 5.7 8.5

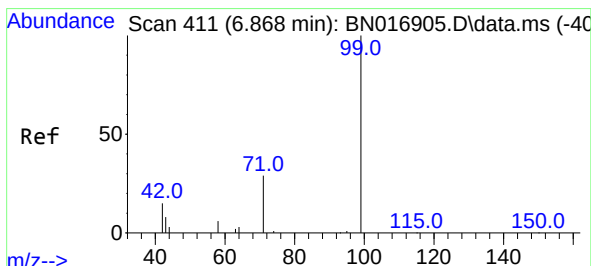
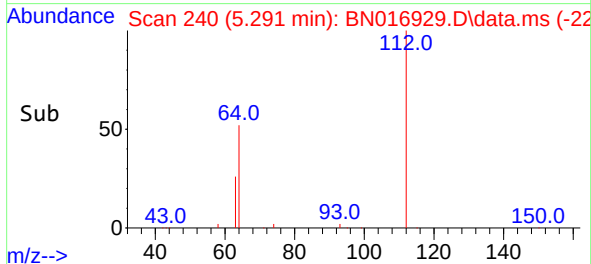
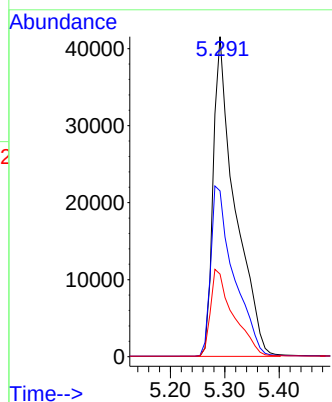
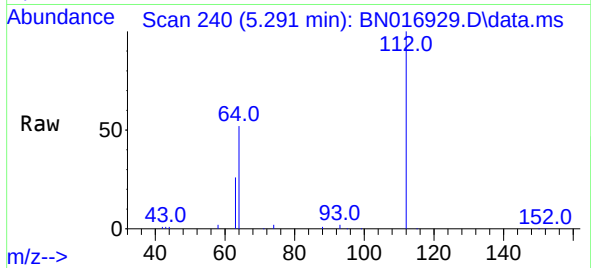




#4
2-Fluorophenol
Concen: 3.10 ng
RT: 5.291 min Scan# 240
Delta R.T. -0.000 min
Lab File: BN016929.D
Acq: 13 Oct 2021 13:37

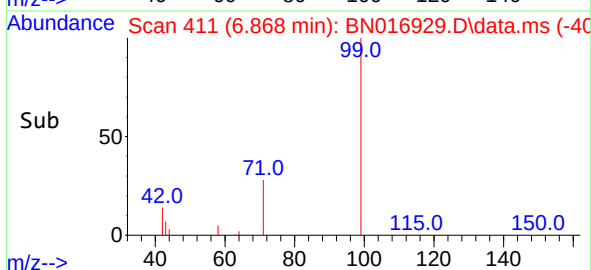
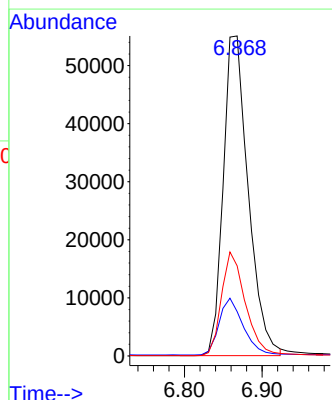
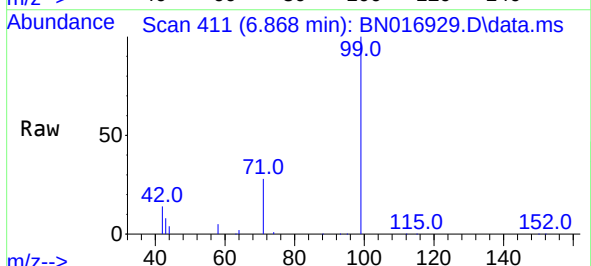
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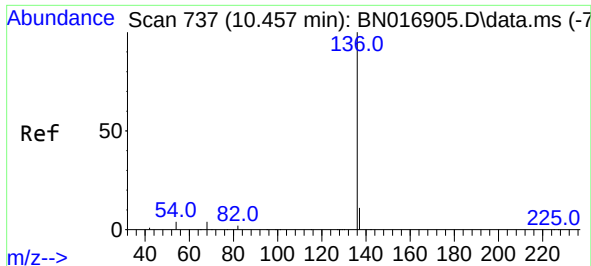
Tgt Ion:112 Resp: 115311
Ion Ratio Lower Upper
112 100
64 56.3 45.0 67.4
63 28.4 22.6 33.8



#5
Phenol-d6
Concen: 2.99 ng
RT: 6.868 min Scan# 411
Delta R.T. -0.000 min
Lab File: BN016929.D
Acq: 13 Oct 2021 13:37

Tgt Ion: 99 Resp: 123451
Ion Ratio Lower Upper
99 100
42 17.0 14.2 21.4
71 30.9 24.5 36.7

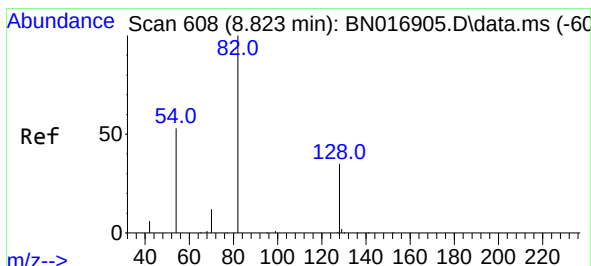
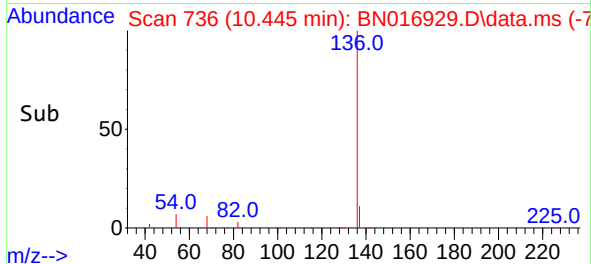
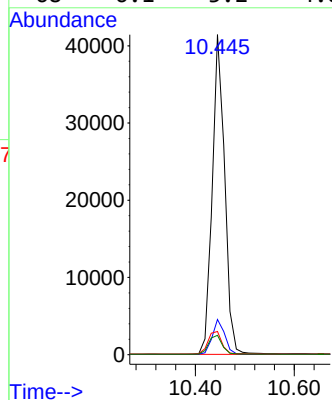
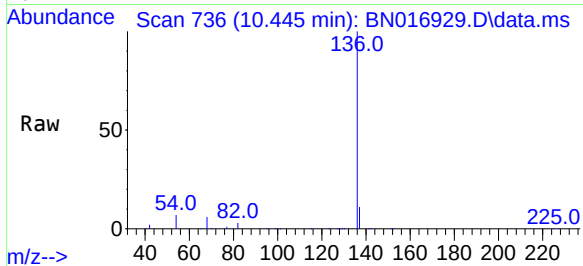




#7
Naphthalene-d8
Concen: 0.40 ng
RT: 10.445 min Scan# 736
Delta R.T. -0.012 min
Lab File: BN016929.D
Acq: 13 Oct 2021 13:37

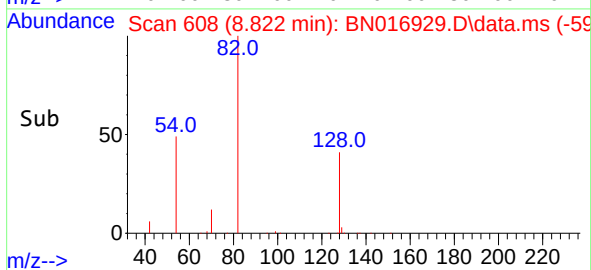
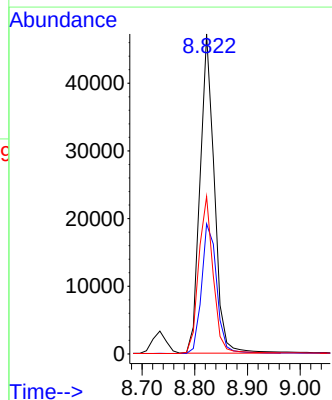
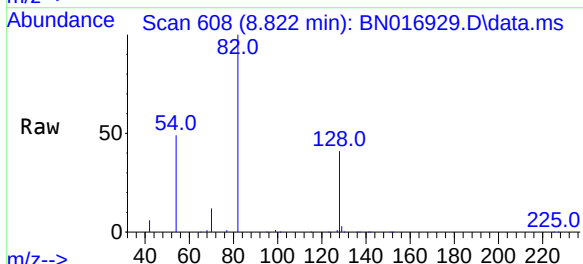
Instrument :
BNA_N
ClientSampleId :
PT-BN-WPDL

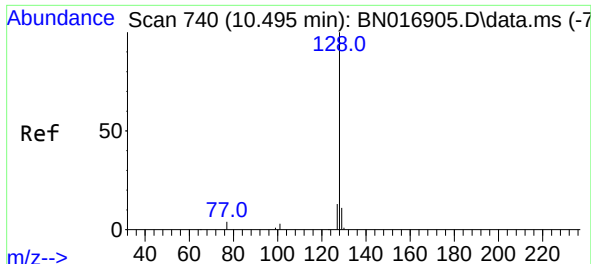
Tgt Ion:	136	Resp:	72544
Ion	Ratio	Lower	Upper
136	100		
137	11.0	8.7	13.1
54	7.3	3.7	5.5#
68	6.1	3.2	4.8#



#8
Nitrobenzene-d5
Concen: 1.93 ng
RT: 8.822 min Scan# 608
Delta R.T. -0.000 min
Lab File: BN016929.D
Acq: 13 Oct 2021 13:37

Tgt Ion:	82	Resp:	88987
Ion	Ratio	Lower	Upper
82	100		
128	40.7	28.3	42.5
54	49.2	43.0	64.4

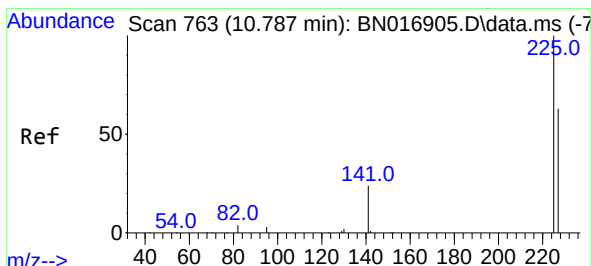
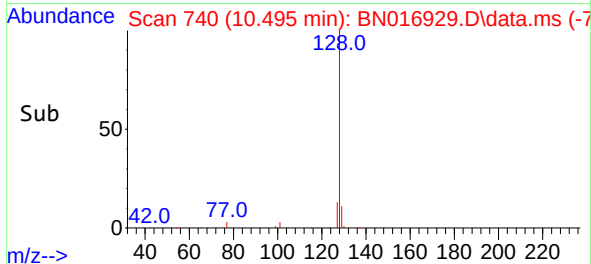
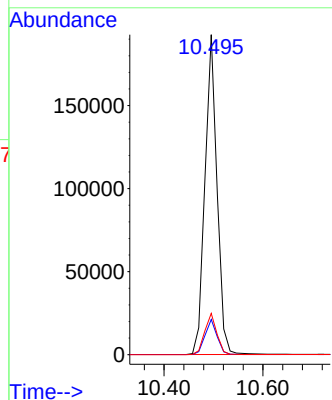
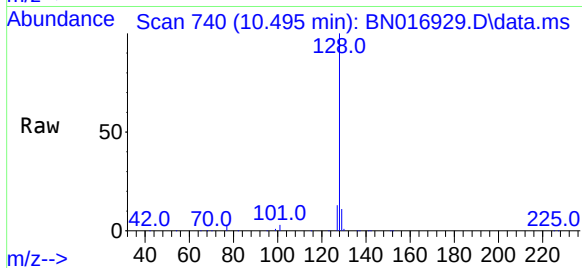




#9
Naphthalene
Concen: 1.74 ng
RT: 10.495 min Scan# 740
Delta R.T. -0.000 min
Lab File: BN016929.D
Acq: 13 Oct 2021 13:37

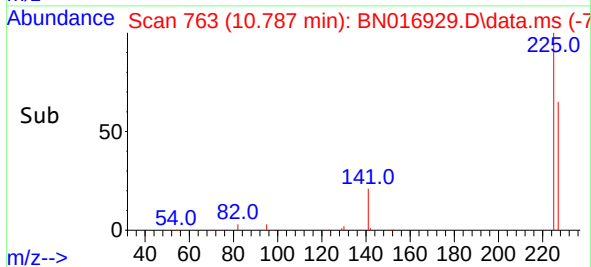
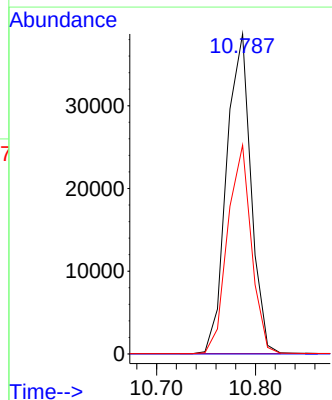
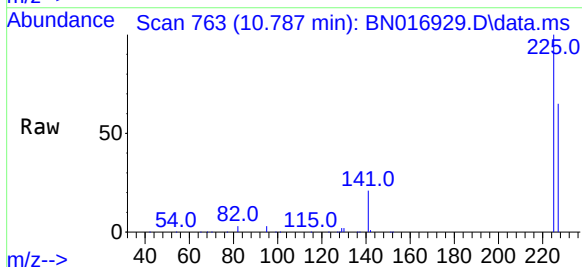
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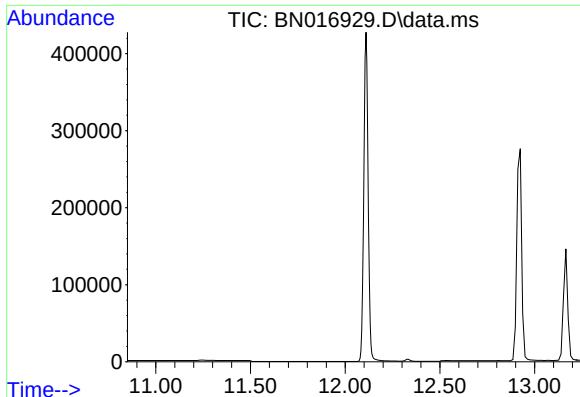
Tgt Ion:128 Resp: 328289
Ion Ratio Lower Upper
128 100
129 11.0 8.7 13.1
127 12.9 10.6 16.0



#10
Hexachlorobutadiene
Concen: 1.77 ng
RT: 10.787 min Scan# 763
Delta R.T. -0.000 min
Lab File: BN016929.D
Acq: 13 Oct 2021 13:37

Tgt Ion:225 Resp: 65985
Ion Ratio Lower Upper
225 100
223 0.0 0.0 0.0
227 63.6 51.1 76.7



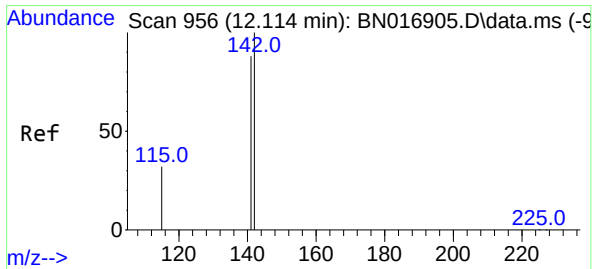
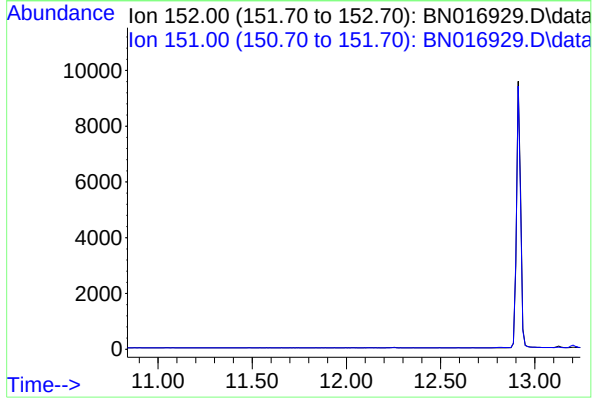


#11
2-Methylnaphthalene-d10
Concen: 0.00 ng
Expected RT: 12.04 min

Lab File: BN016929.D
Acq: 13 Oct 2021 13:37

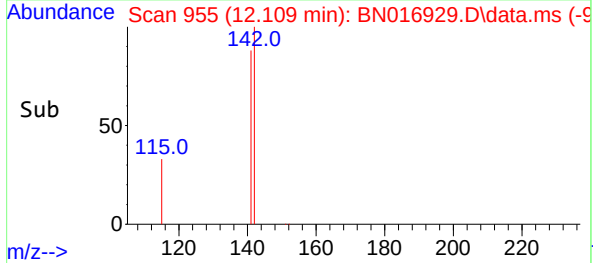
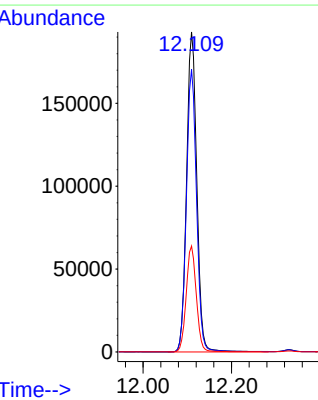
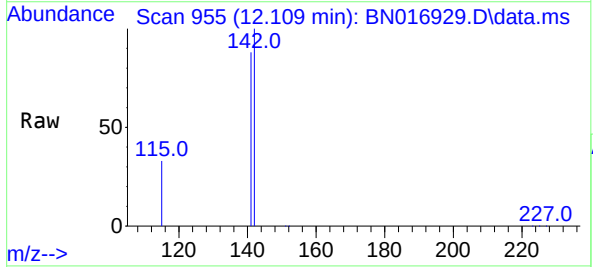
Tgt Ion: 152
Sig Exp Ratio
152 100
151 20.3

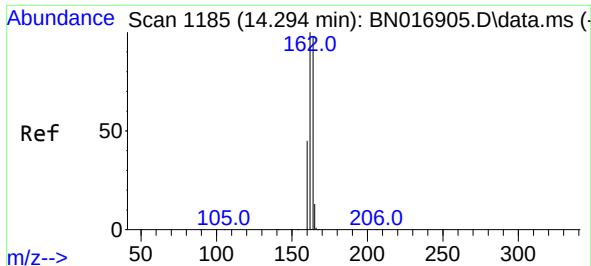
Instrument :
BNA_N
ClientSampleId :
PT-BN-WPDL



#12
2-Methylnaphthalene
Concen: 2.57 ng
RT: 12.109 min Scan# 955
Delta R.T. -0.005 min
Lab File: BN016929.D
Acq: 13 Oct 2021 13:37

Tgt Ion: 142 Resp: 307991
Ion Ratio Lower Upper
142 100
141 88.3 70.5 105.7
115 33.1 26.0 39.0

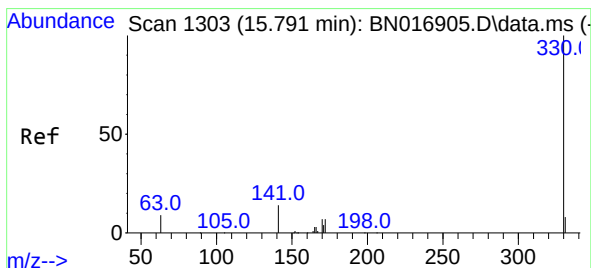
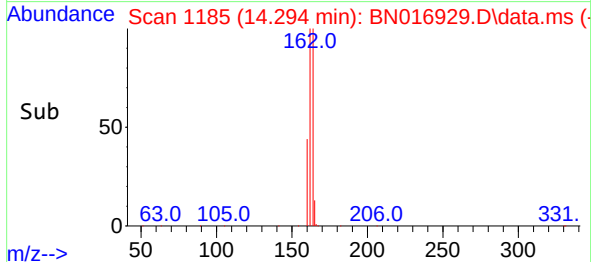
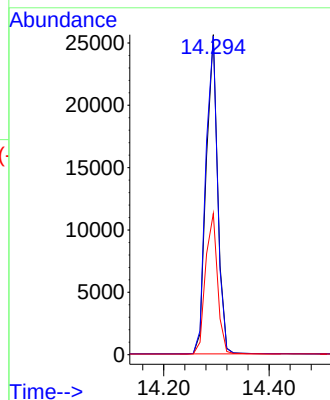
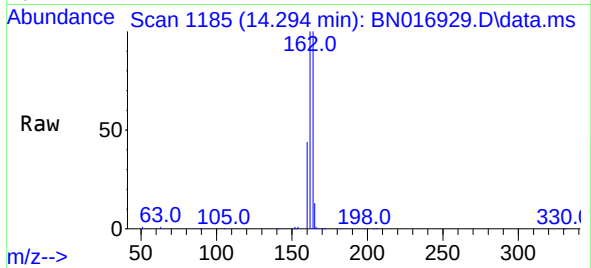




#13
Acenaphthene-d10
Concen: 0.40 ng
RT: 14.294 min Scan# 1185
Delta R.T. 0.000 min
Lab File: BN016929.D
Acq: 13 Oct 2021 13:37

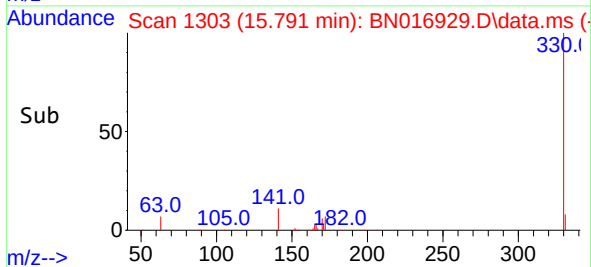
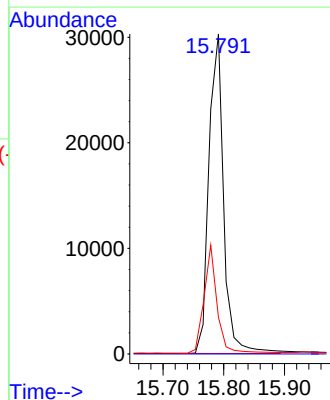
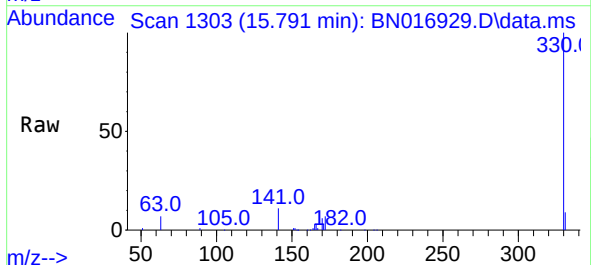
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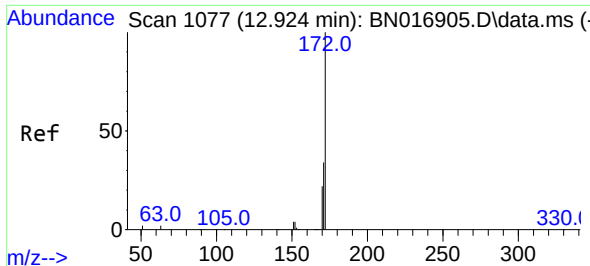
Tgt Ion:164 Resp: 38786
Ion Ratio Lower Upper
164 100
162 99.6 81.4 122.0
160 44.1 37.0 55.4



#14
2,4,6-Tribromophenol
Concen: 2.90 ng
RT: 15.791 min Scan# 1303
Delta R.T. 0.000 min
Lab File: BN016929.D
Acq: 13 Oct 2021 13:37

Tgt Ion:330 Resp: 51082
Ion Ratio Lower Upper
330 100
332 0.0 0.0 0.0
141 29.8 24.4 36.6

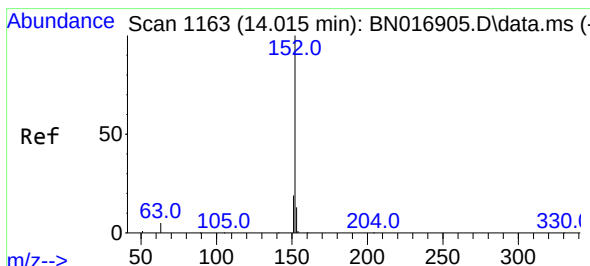
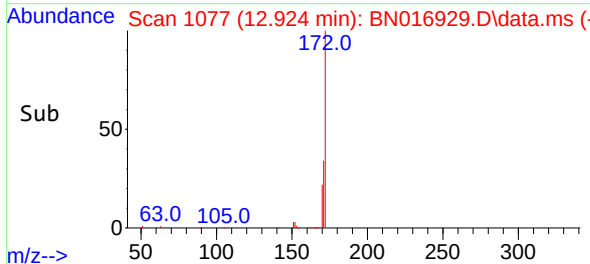
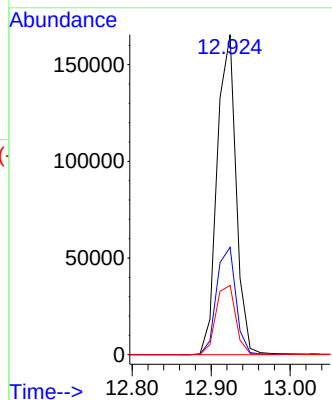
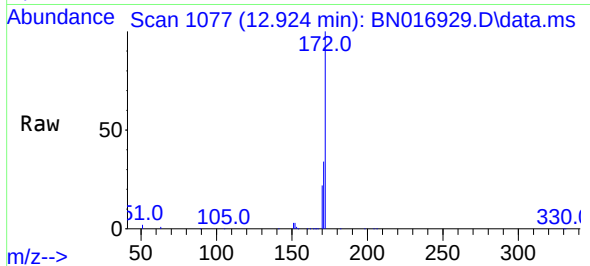




#15
2-Fluorobiphenyl
Concen: 1.88 ng
RT: 12.924 min Scan# 1077
Delta R.T. -0.000 min
Lab File: BN016929.D
Acq: 13 Oct 2021 13:37

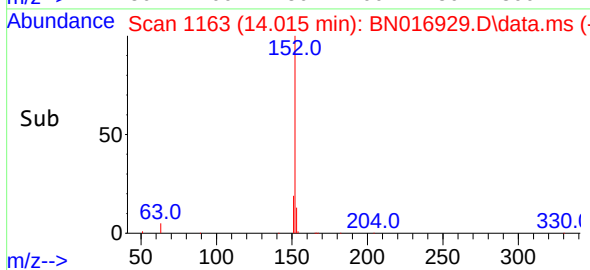
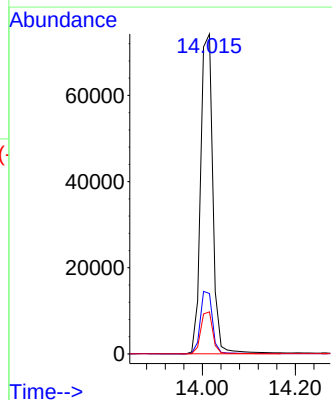
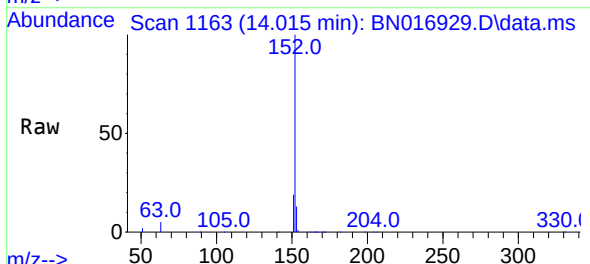
Instrument :
BNA_N
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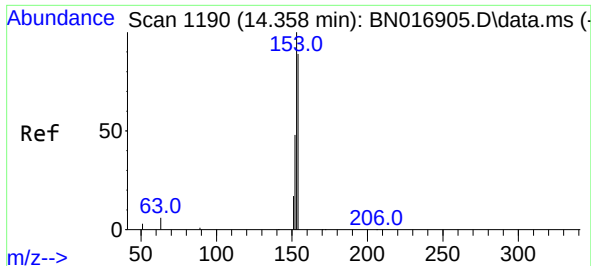
Tgt Ion:172 Resp: 275557
Ion Ratio Lower Upper
172 100
171 33.5 27.4 41.0
170 21.7 18.1 27.1



#16
Acenaphthylene
Concen: 0.86 ng
RT: 14.015 min Scan# 1163
Delta R.T. -0.000 min
Lab File: BN016929.D
Acq: 13 Oct 2021 13:37

Tgt Ion:152 Resp: 135619
Ion Ratio Lower Upper
152 100
151 19.6 15.5 23.3
153 13.1 10.3 15.5

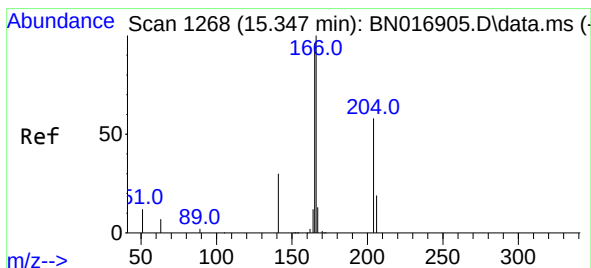
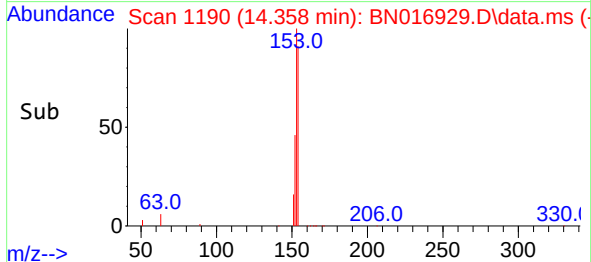
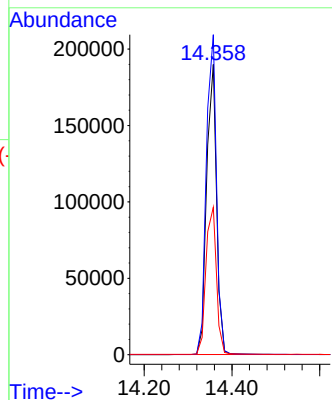
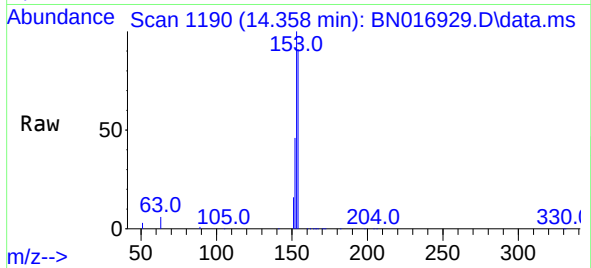




#17
Acenaphthene
Concen: 2.75 ng
RT: 14.358 min Scan# 1190
Delta R.T. -0.000 min
Lab File: BN016929.D
Acq: 13 Oct 2021 13:37

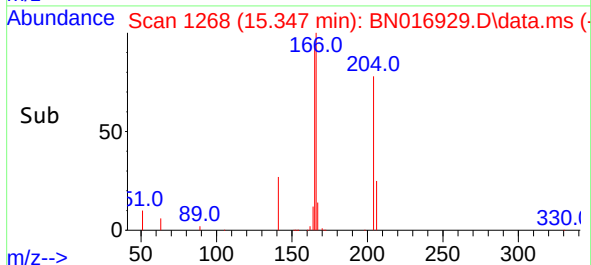
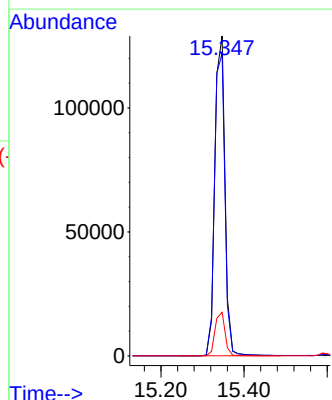
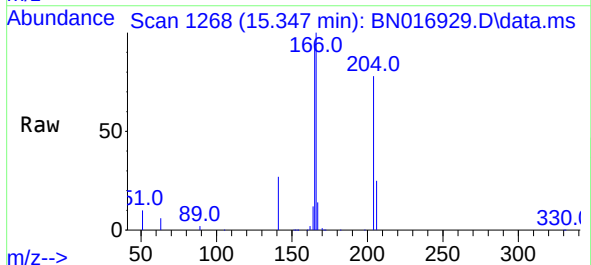
Instrument :
BNA_N
ClientSampleId :
PT-BN-WPDL

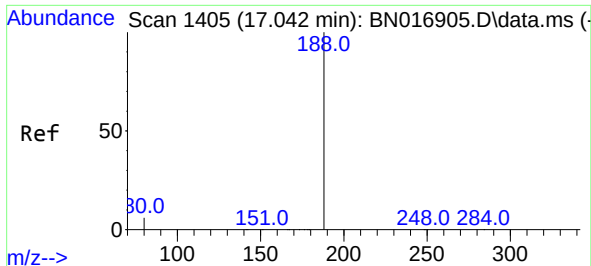
Tgt Ion:154 Resp: 296359
Ion Ratio Lower Upper
154 100
153 113.0 91.2 136.8
152 53.9 44.4 66.6



#18
Fluorene
Concen: 1.69 ng
RT: 15.347 min Scan# 1268
Delta R.T. -0.000 min
Lab File: BN016929.D
Acq: 13 Oct 2021 13:37

Tgt Ion:166 Resp: 217251
Ion Ratio Lower Upper
166 100
165 97.1 78.1 117.1
167 13.5 10.7 16.1

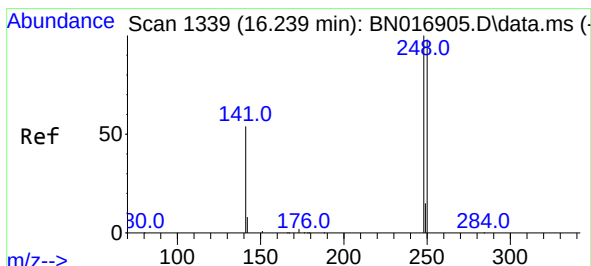
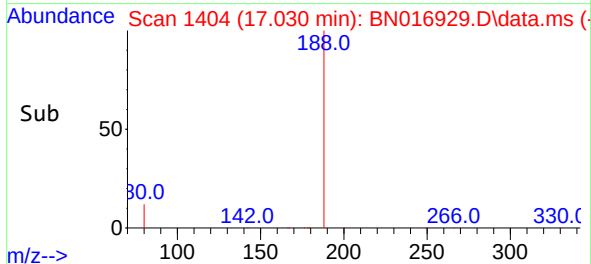
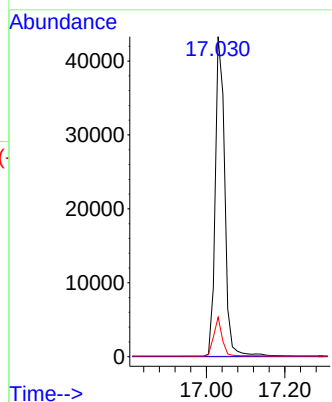
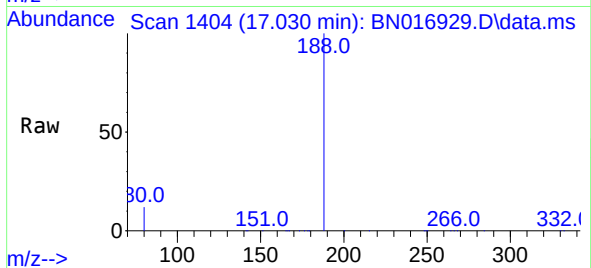




#19
Phenanthrene-d10
Concen: 0.40 ng
RT: 17.030 min Scan# 1404
Delta R.T. -0.012 min
Lab File: BN016929.D
Acq: 13 Oct 2021 13:37

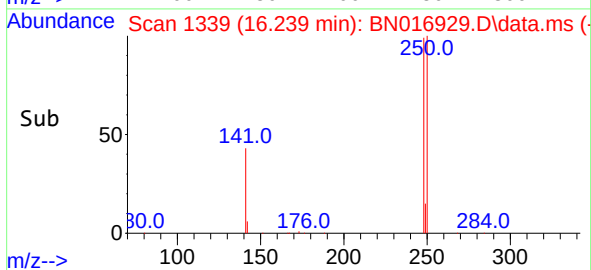
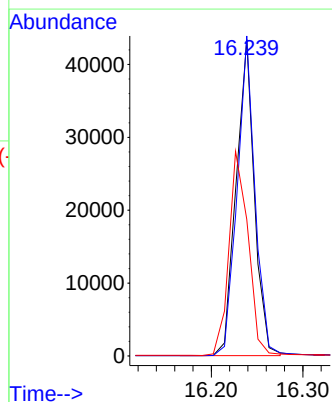
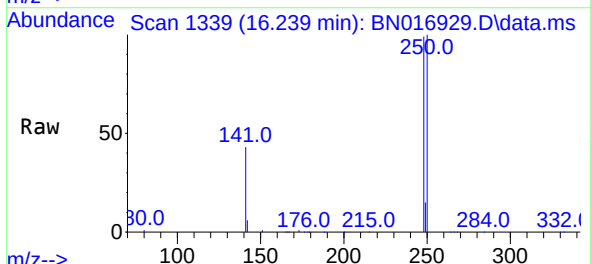
Instrument :
BNA_N
ClientSampleId :
PT-BN-WPDL

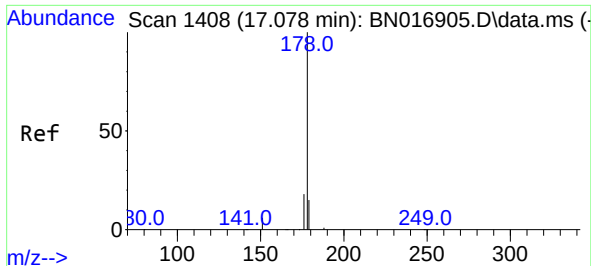
Tgt Ion:188 Resp: 72233
Ion Ratio Lower Upper
188 100
94 0.0 0.0 0.0
80 12.4 4.9 7.3#



#21
4-Bromophenyl-phenylether
Concen: 1.41 ng
RT: 16.239 min Scan# 1339
Delta R.T. -0.000 min
Lab File: BN016929.D
Acq: 13 Oct 2021 13:37

Tgt Ion:248 Resp: 59787
Ion Ratio Lower Upper
248 100
250 101.1 78.2 117.2
141 43.2 43.1 64.7

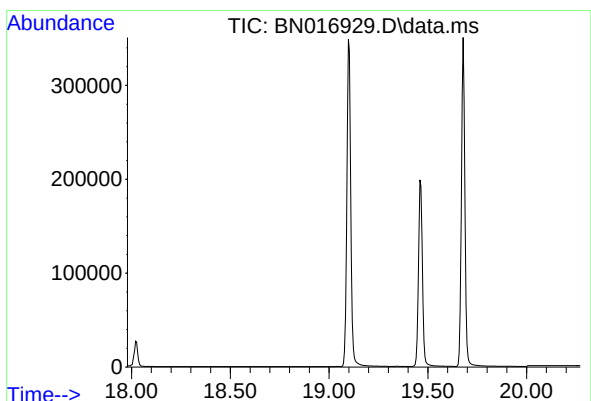
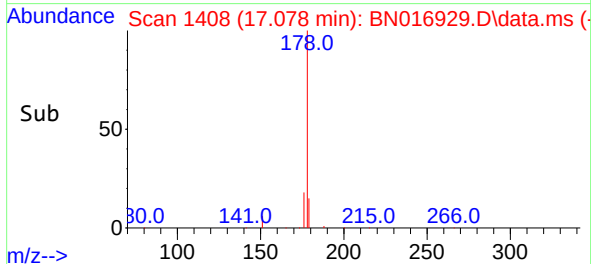
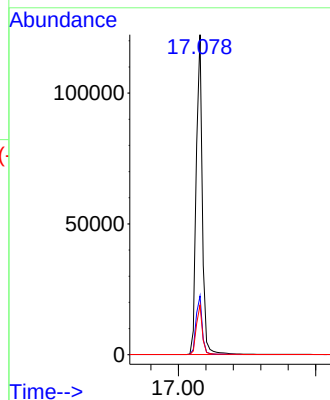
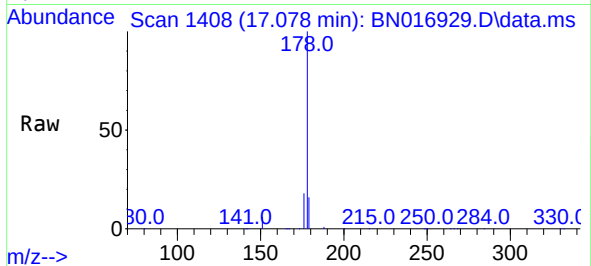




#25
Phenanthrene
Concen: 0.92 ng
RT: 17.078 min Scan# 1408
Delta R.T. -0.000 min
Lab File: BN016929.D
Acq: 13 Oct 2021 13:37

Instrument :
BNA_N
ClientSampleId :
PT-BN-WPDL

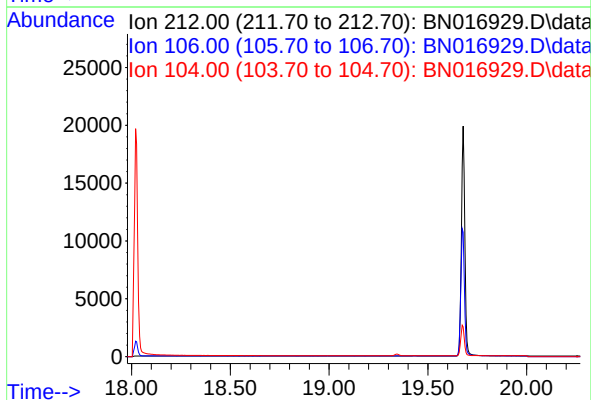
Tgt Ion:178 Resp: 188921
Ion Ratio Lower Upper
178 100
176 18.8 15.0 22.4
179 15.4 12.3 18.5

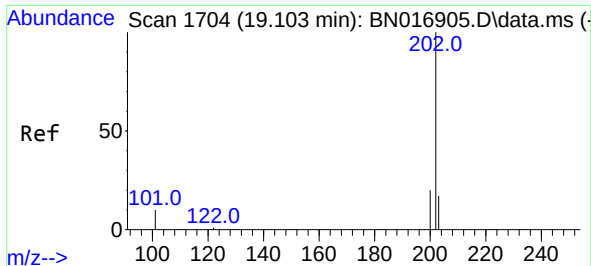


#27
Fluoranthene-d10
Concen: 0.00 ng
Expected RT: 19.07 min

Lab File: BN016929.D
Acq: 13 Oct 2021 13:37

Tgt Ion: 212
Sig Exp Ratio
212 100
106 13.4
104 7.3

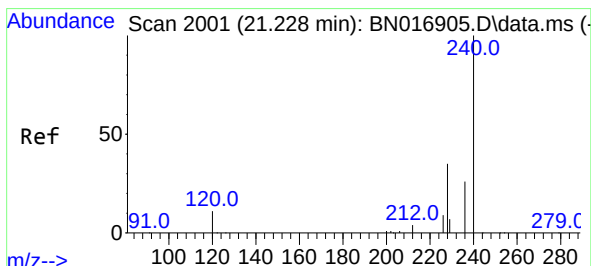
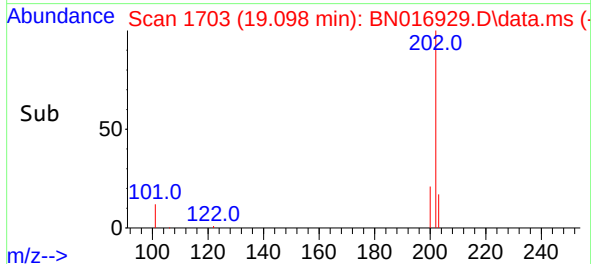
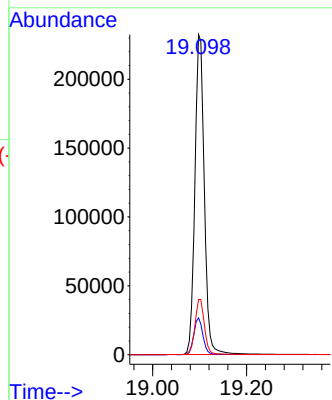
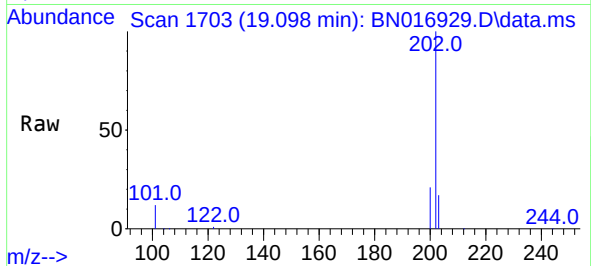




#28
Fluoranthene
Concen: 1.46 ng
RT: 19.098 min Scan# 1703
Delta R.T. -0.005 min
Lab File: BN016929.D
Acq: 13 Oct 2021 13:37

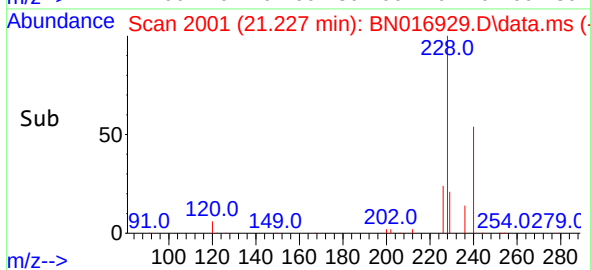
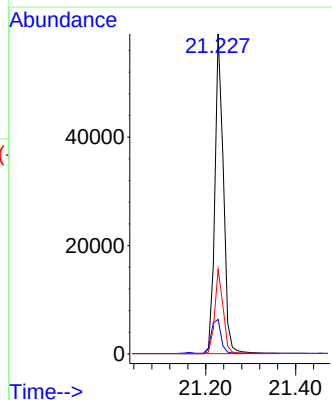
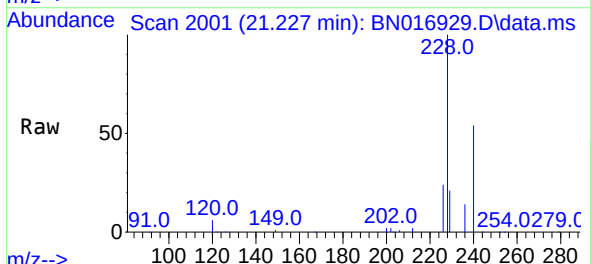
Instrument :
BNA_N
ClientSampleId :
PT-BN-WPDL

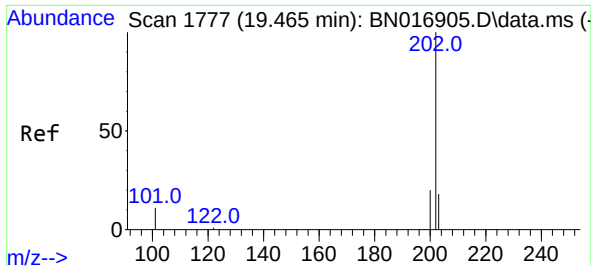
Tgt Ion:202	Resp:	323814
Ion Ratio	Lower	Upper
202	100	
101	11.3	9.0 13.4
203	17.3	13.8 20.8



#29
Chrysene-d12
Concen: 0.40 ng
RT: 21.227 min Scan# 2001
Delta R.T. -0.000 min
Lab File: BN016929.D
Acq: 13 Oct 2021 13:37

Tgt Ion:240	Resp:	77414
Ion Ratio	Lower	Upper
240	100	
120	10.8	8.6 12.8
236	26.5	21.0 31.4



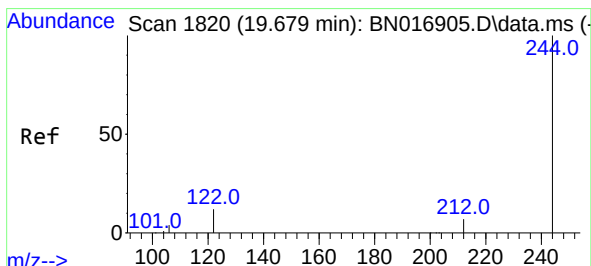
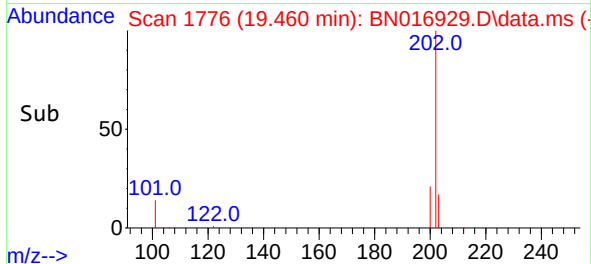
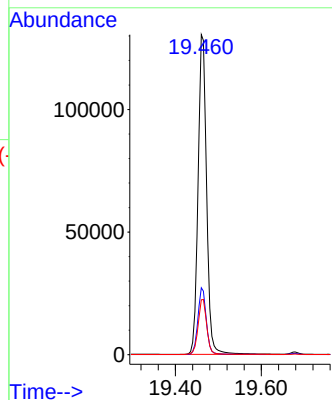
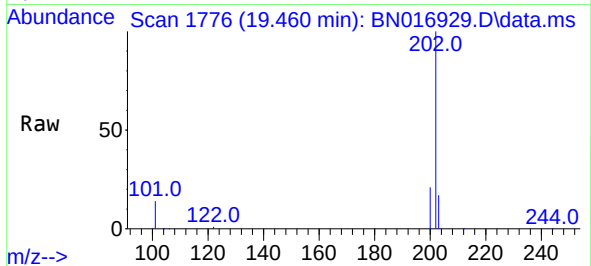


#30
Pyrene
Concen: 0.73 ng
RT: 19.460 min Scan# 1776
Delta R.T. -0.005 min
Lab File: BN016929.D
Acq: 13 Oct 2021 13:37

Instrument :
BNA_N
ClientSampleId :
PT-BN-WPDL

Tgt Ion:202 Resp: 179355

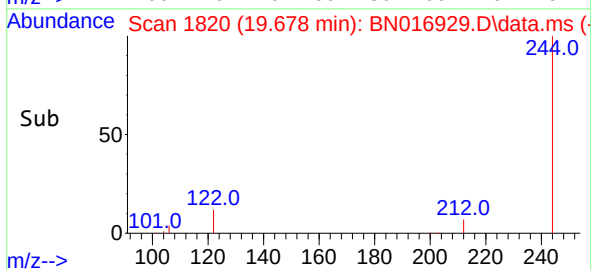
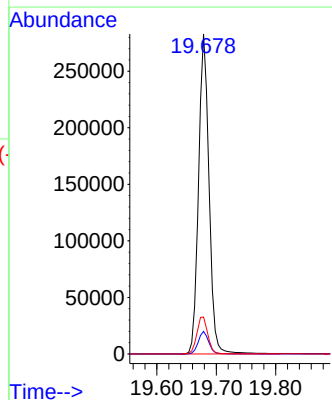
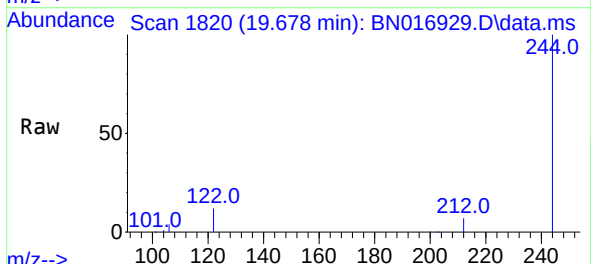
Ion	Ratio	Lower	Upper
202	100		
200	20.6	16.5	24.7
203	17.6	14.0	21.0

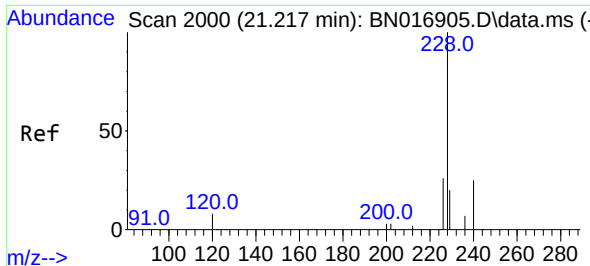


#31
Terphenyl-d14
Concen: 2.03 ng
RT: 19.678 min Scan# 1820
Delta R.T. -0.000 min
Lab File: BN016929.D
Acq: 13 Oct 2021 13:37

Tgt Ion:244 Resp: 345256

Ion	Ratio	Lower	Upper
244	100		
212	7.0	5.7	8.5
122	11.5	9.8	14.6

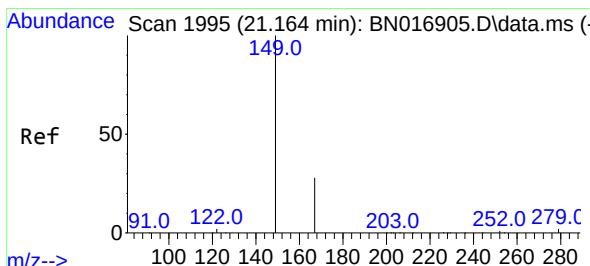
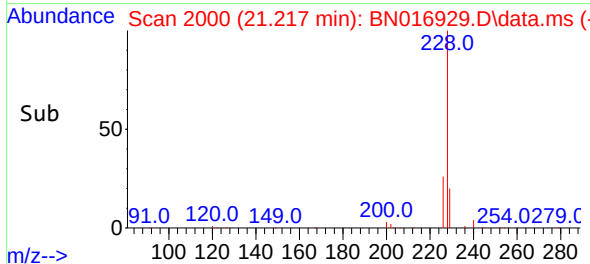
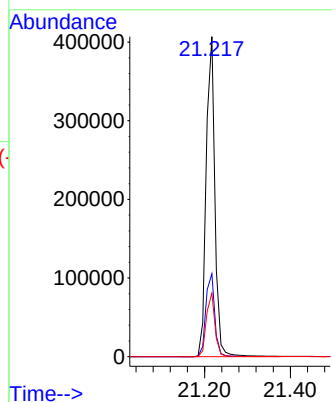
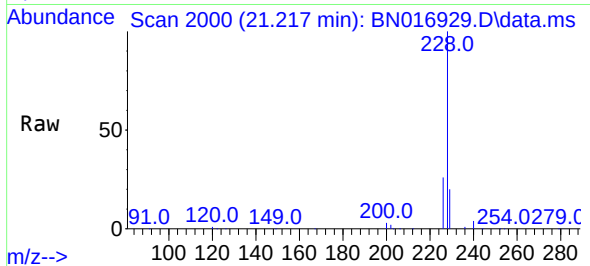




#32
Benzo(a)anthracene
Concen: 2.46 ng
RT: 21.217 min Scan# 2000
Delta R.T. -0.000 min
Lab File: BN016929.D
Acq: 13 Oct 2021 13:37

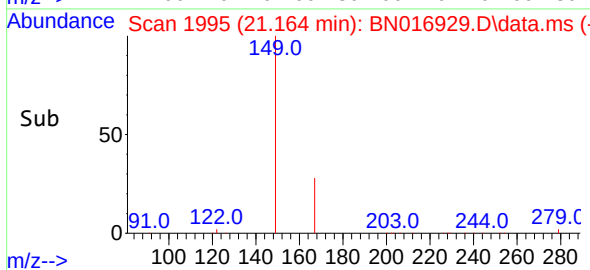
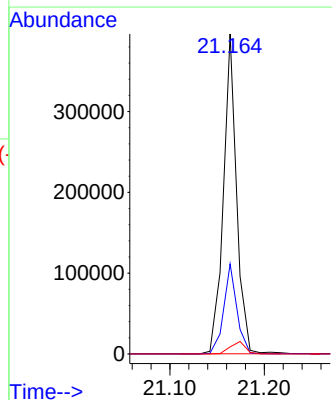
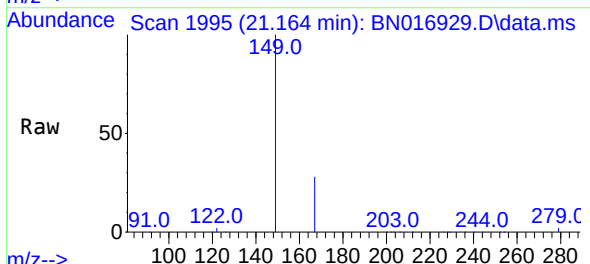
Instrument :
BNA_N
ClientSampleId :
PT-BN-WPDL

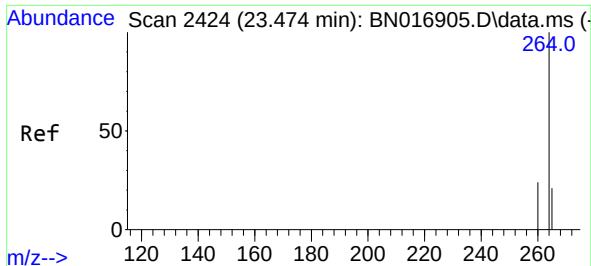
Tgt Ion:	228	Resp:	573566
Ion	Ratio	Lower	Upper
228	100		
226	25.9	20.6	31.0
229	19.9	15.8	23.8



#34
Bis(2-ethylhexyl)phthalate
Concen: 2.78 ng
RT: 21.164 min Scan# 1995
Delta R.T. -0.000 min
Lab File: BN016929.D
Acq: 13 Oct 2021 13:37

Tgt Ion:	149	Resp:	384833
Ion	Ratio	Lower	Upper
149	100		
167	28.0	22.1	33.1
279	4.4	3.4	5.0



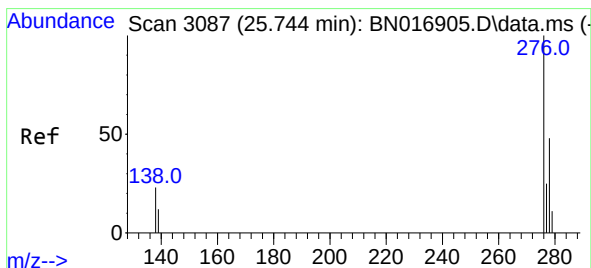
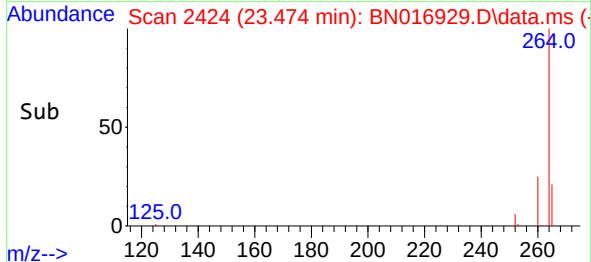
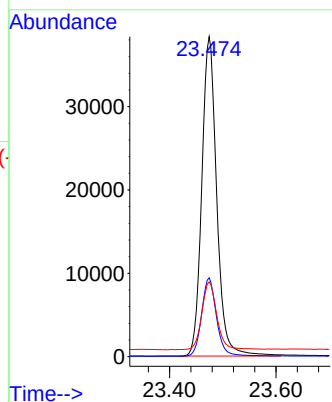
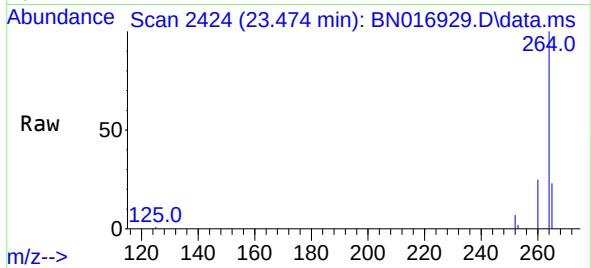


#35
Perylene-d12
Concen: 0.40 ng
RT: 23.474 min Scan# 2424
Delta R.T. -0.000 min
Lab File: BN016929.D
Acq: 13 Oct 2021 13:37

Instrument :
BNA_N
ClientSampleId :
PT-BN-WPDL

Tgt Ion:264 Resp: 74703

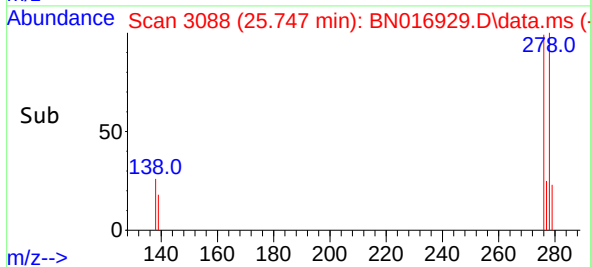
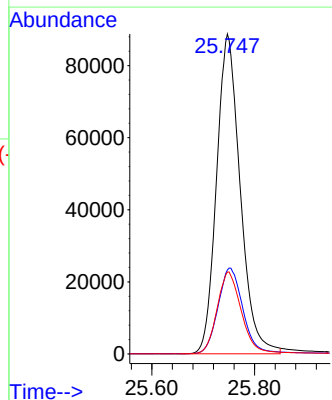
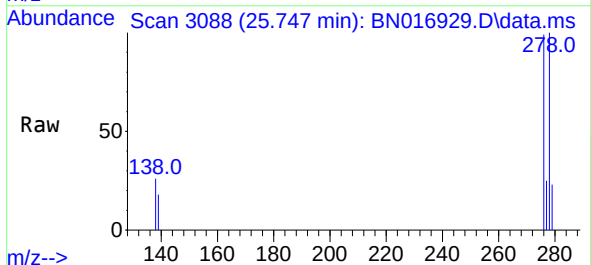
Ion	Ratio	Lower	Upper
264	100		
260	24.7	19.4	29.2
265	23.4	18.6	27.8

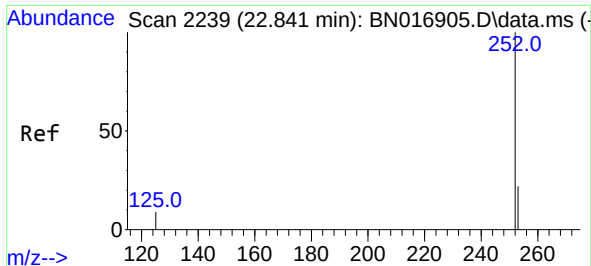


#36
Indeno(1,2,3-cd)pyrene
Concen: 1.00 ng
RT: 25.747 min Scan# 3088
Delta R.T. 0.003 min
Lab File: BN016929.D
Acq: 13 Oct 2021 13:37

Tgt Ion:276 Resp: 283239

Ion	Ratio	Lower	Upper
276	100		
138	28.0	20.2	30.4
277	26.1	20.2	30.4

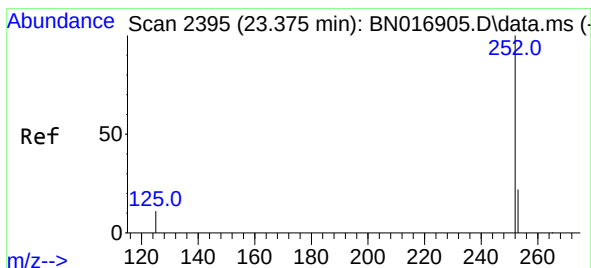
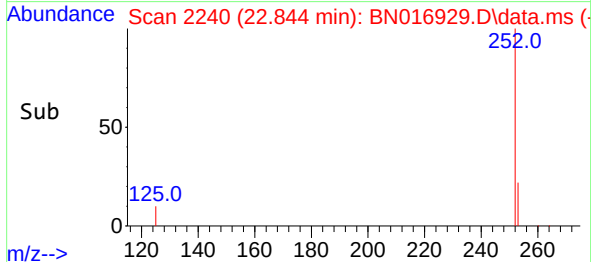
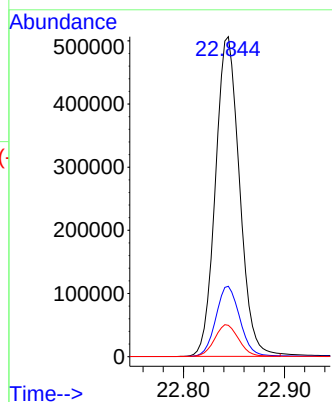
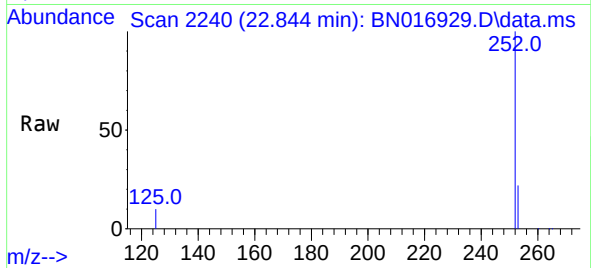




#38
Benzo(k)fluoranthene
Concen: 3.53 ng
RT: 22.844 min Scan# 2240
Delta R.T. 0.003 min
Lab File: BN016929.D
Acq: 13 Oct 2021 13:37

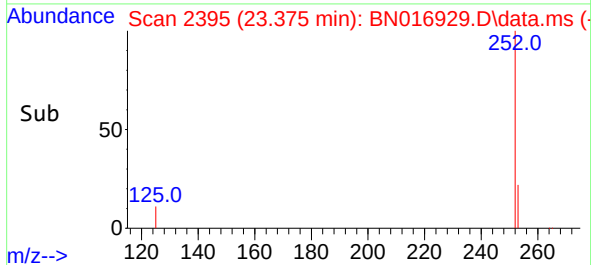
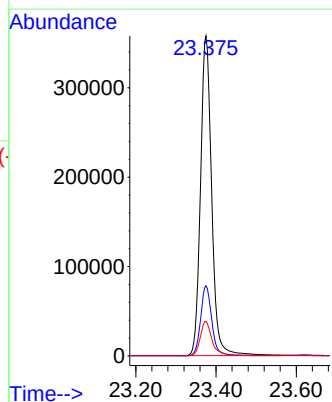
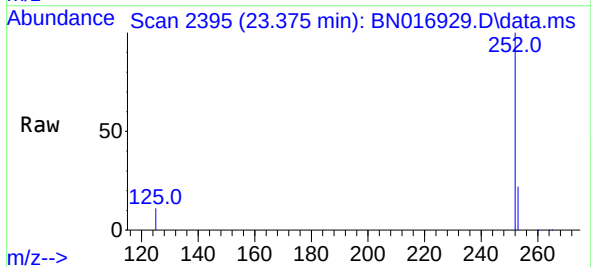
Instrument :
BNA_N
ClientSampleId :
PT-BN-WPDL

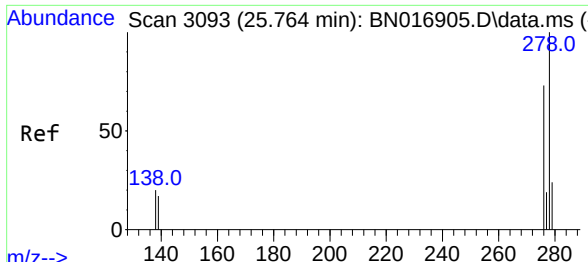
Tgt Ion:252 Resp: 837663
Ion Ratio Lower Upper
252 100
253 22.0 18.1 27.1
125 9.8 9.8 14.8#



#39
Benzo(a)pyrene
Concen: 3.16 ng
RT: 23.375 min Scan# 2395
Delta R.T. -0.000 min
Lab File: BN016929.D
Acq: 13 Oct 2021 13:37

Tgt Ion:252 Resp: 691228
Ion Ratio Lower Upper
252 100
253 21.9 18.1 27.1
125 10.8 9.0 13.4





#40
Dibenzo(a,h)anthracene
Concen: 1.69 ng
RT: 25.764 min Scan# 3093
Delta R.T. -0.000 min
Lab File: BN016929.D
Acq: 13 Oct 2021 13:37

Instrument :
BNA_N
ClientSampleId :
PT-BN-WPDL

Tgt Ion:278 Resp: 387118
Ion Ratio Lower Upper
278 100
139 15.7 13.8 20.6
279 23.9 19.0 28.6

