

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN122220\
 Data File : BN013272.D
 Acq On : 22 Dec 2020 14:36
 Operator : CG/JU
 Sample : L5124-05
 Misc :
 ALS Vial : 30 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 DUP07-20201214

Quant Time: Dec 22 16:02:15 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\8270-SIM-BN121620.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Dec 22 10:46:43 2020
 Response via : Initial Calibration

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

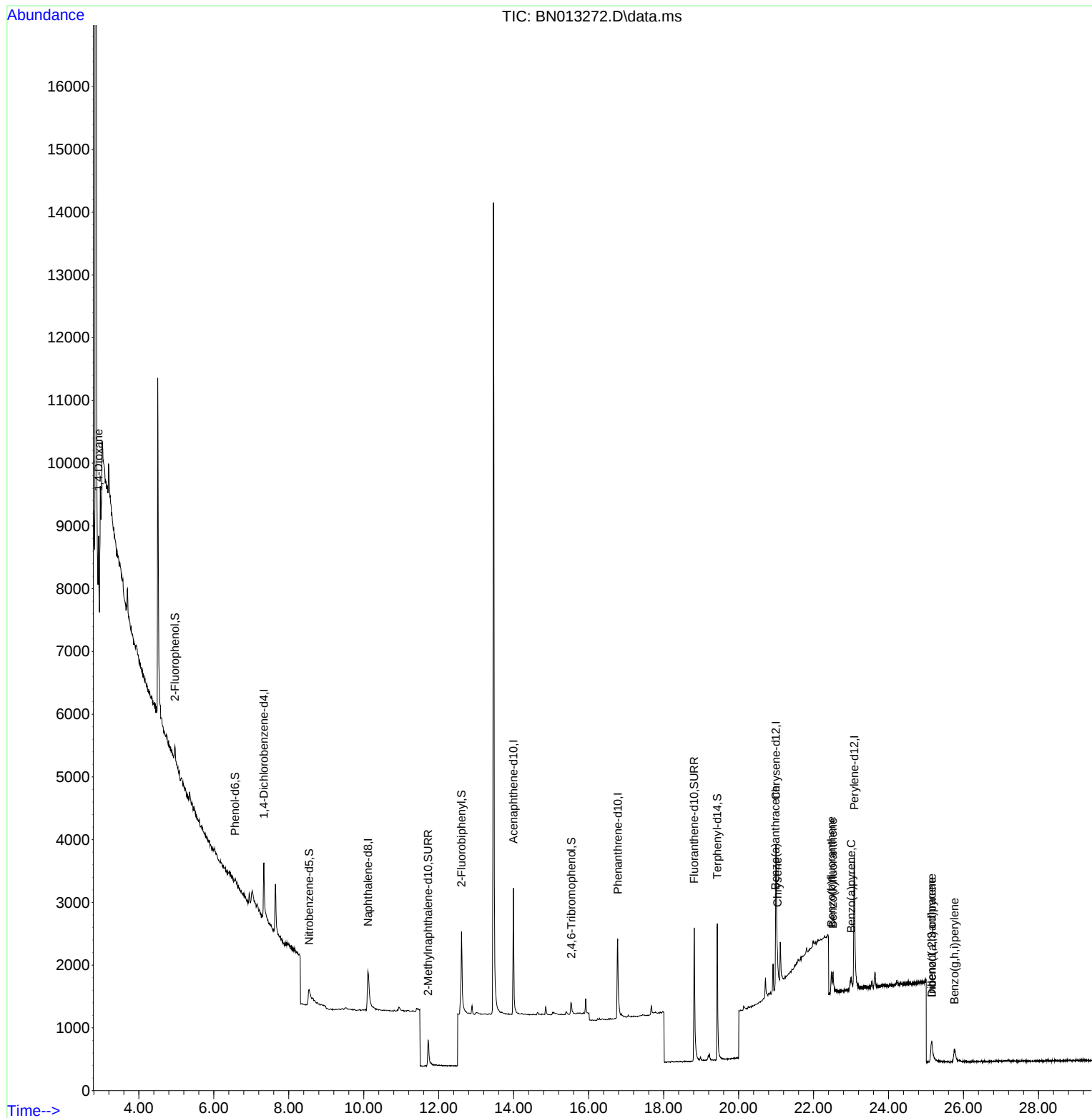
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.338	152	644	0.40	ng	0.00
7) Naphthalene-d8	10.112	136	1785	0.40	ng	# 0.01
13) Acenaphthene-d10	13.991	164	1207	0.40	ng	0.00
19) Phenanthrene-d10	16.775	188	2691	0.40	ng	# 0.01
29) Chrysene-d12	20.995	240	3076	0.40	ng	# 0.00
36) Perylene-d12	23.085	264	3476	0.40	ng	# 0.00
System Monitoring Compounds						
4) 2-Fluorophenol	4.962	112	316	0.12	ng	0.00
5) Phenol-d6	6.565	99	141	0.05	ng	0.02
8) Nitrobenzene-d5	8.540	82	630	0.34	ng	0.04
11) 2-Methylnaphthalene-d10	11.719	152	933	0.30	ng	0.01
14) 2,4,6-Tribromophenol	15.539	330	227	0.30	ng	0.01
15) 2-Fluorobiphenyl	12.608	172	1503	0.30	ng	0.00
27) Fluoranthene-d10	18.816	212	3582	0.40	ng	0.00
31) Terphenyl-d14	19.432	244	3081	0.39	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	2.925	88	707	0.63	ng	# 92
32) Benzo(a)anthracene	20.984	228	328	0.03	ng	# 64
33) Chrysene	21.038	228	385	0.03	ng	# 73
35) Indeno(1,2,3-cd)pyrene	25.153	276	392	0.02	ng	# 54
37) Benzo(b)fluoranthene	22.476	252	435	0.04	ng	# 1
38) Benzo(k)fluoranthene	22.517	252	411	0.03	ng	# 1
39) Benzo(a)pyrene	23.006	252	380	0.03	ng	# 1
40) Dibenzo(a,h)anthracene	25.156	278	308	0.02	ng	# 1
41) Benzo(g,h,i)perylene	25.755	276	562	0.04	ng	# 38

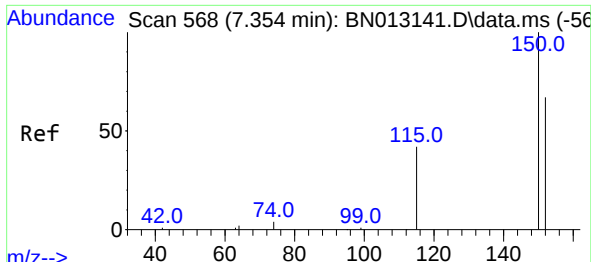
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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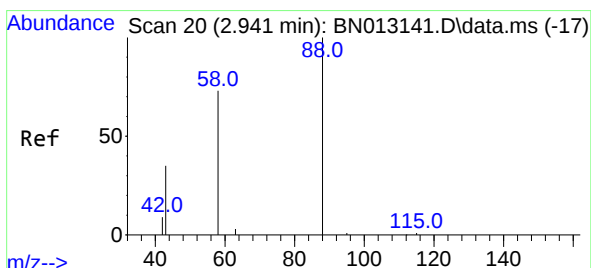
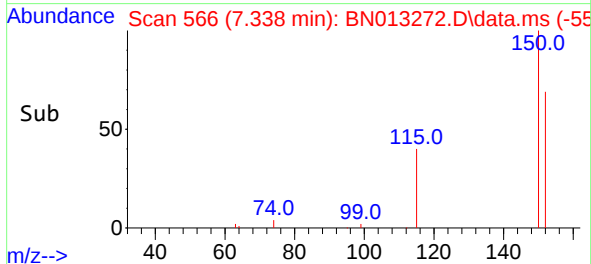
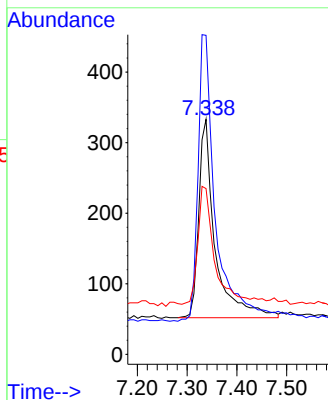
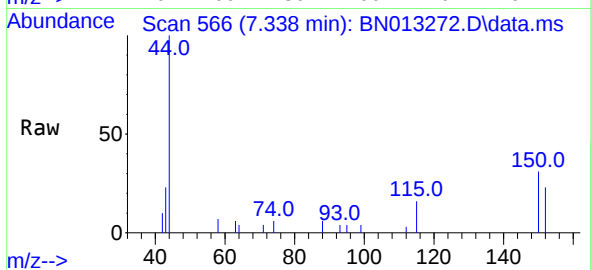




#1
1,4-Dichlorobenzene-d4
Concen: 0.40 ng
RT: 7.338 min Scan# 566
Delta R.T. 0.008 min
Lab File: BN013272.D
Acq: 22 Dec 2020 14:36

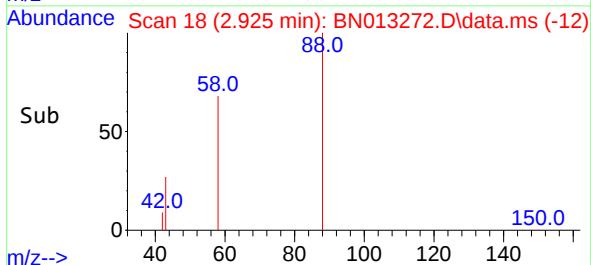
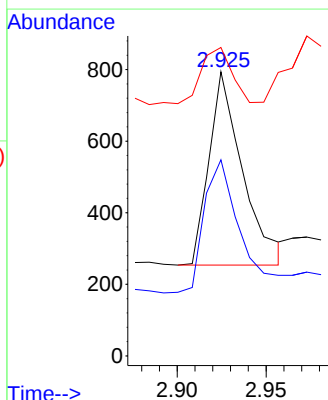
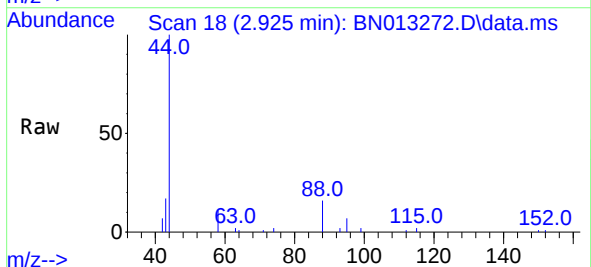
Instrument :
BNA_N
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DUP07-20201214

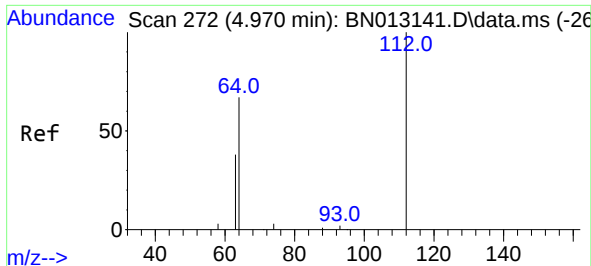
Tgt Ion:152 Resp: 644
Ion Ratio Lower Upper
152 100
150 135.7 116.6 174.8
115 70.6 52.9 79.3



#2
1,4-Dioxane
Concen: 0.63 ng
RT: 2.925 min Scan# 18
Delta R.T. -0.000 min
Lab File: BN013272.D
Acq: 22 Dec 2020 14:36

Tgt Ion: 88 Resp: 707
Ion Ratio Lower Upper
88 100
58 74.1 59.4 89.2
43 26.2 32.3 48.5



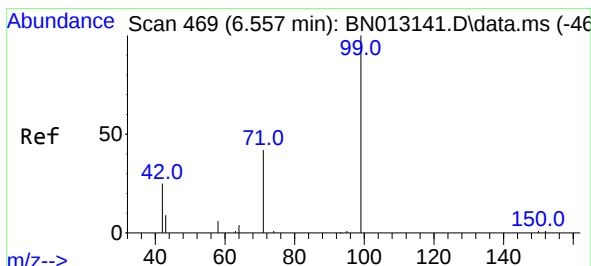
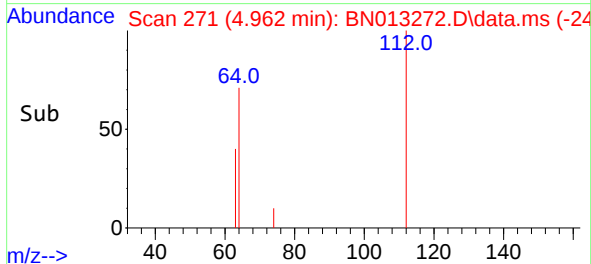
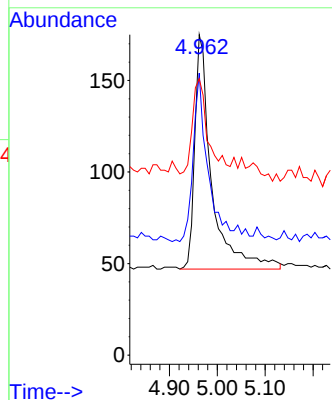
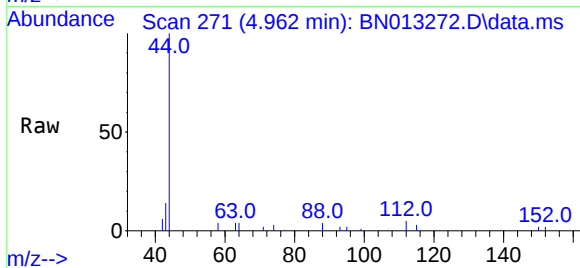


#4
2-Fluorophenol
Concen: 0.12 ng
RT: 4.962 min Scan# 271
Delta R.T. 0.008 min
Lab File: BN013272.D
Acq: 22 Dec 2020 14:36

Instrument :
BNA_N
ClientSampleId :
DUP07-20201214

Tgt Ion:112 Resp: 316

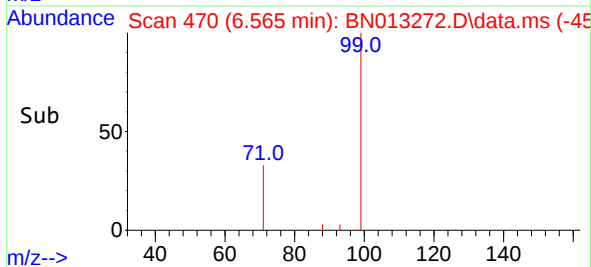
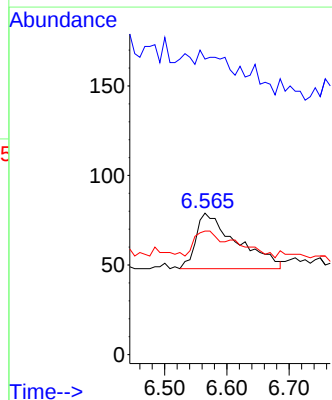
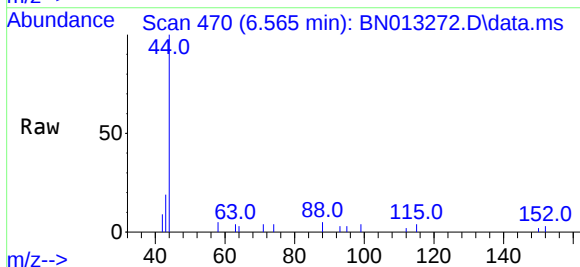
Ion	Ratio	Lower	Upper
112	100		
64	61.7	49.5	74.3
63	36.7	32.0	48.0

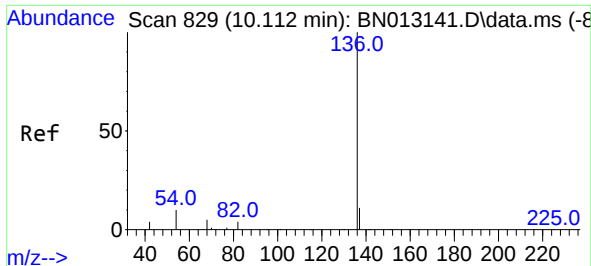


#5
Phenol-d6
Concen: 0.05 ng
RT: 6.565 min Scan# 470
Delta R.T. 0.024 min
Lab File: BN013272.D
Acq: 22 Dec 2020 14:36

Tgt Ion: 99 Resp: 141

Ion	Ratio	Lower	Upper
99	100		
42	0.0	22.4	33.6#
71	28.4	37.8	56.6#

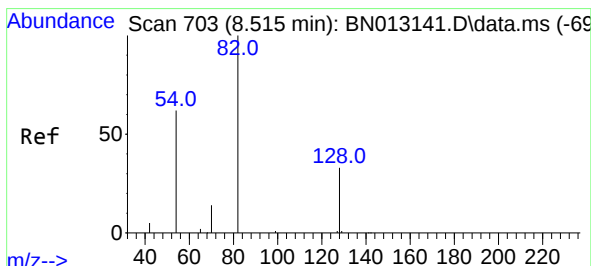
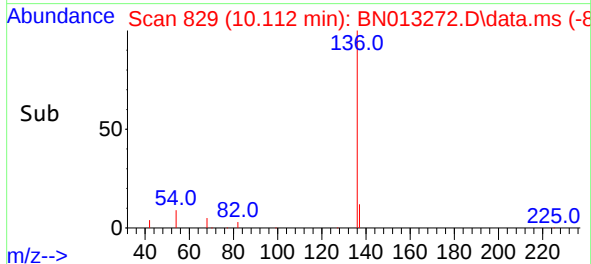
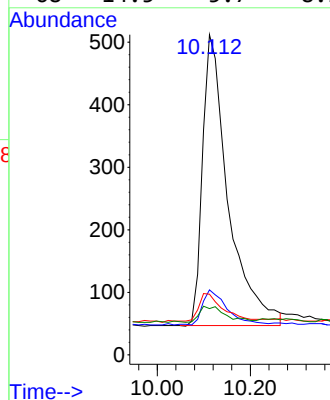
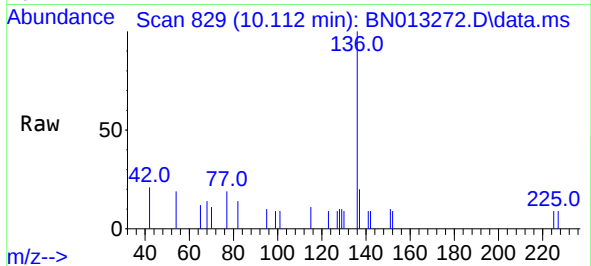




#7
Naphthalene-d8
Concen: 0.40 ng
RT: 10.112 min Scan# 829
Delta R.T. 0.013 min
Lab File: BN013272.D
Acq: 22 Dec 2020 14:36

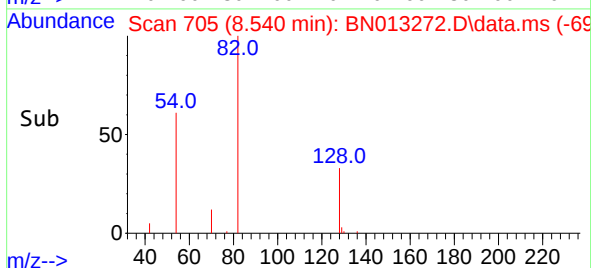
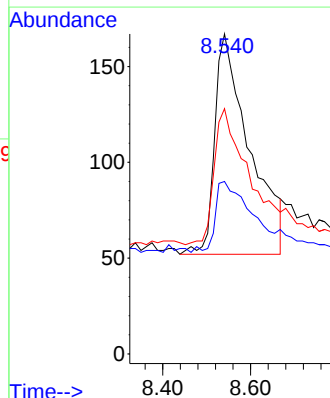
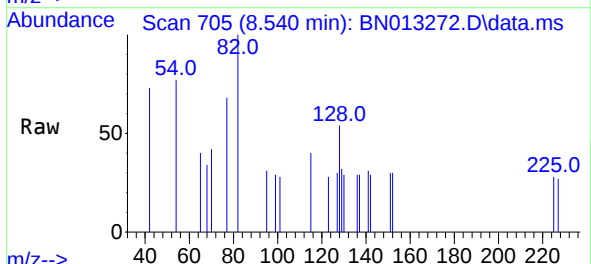
Instrument :
BNA_N
ClientSampleId :
DUP07-20201214

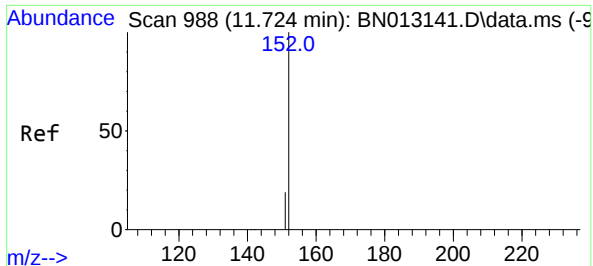
Tgt Ion:	136	Resp:	1785
Ion	Ratio	Lower	Upper
136	100		
137	20.3	10.6	15.8#
54	18.9	8.6	12.8#
68	14.5	5.7	8.5#



#8
Nitrobenzene-d5
Concen: 0.34 ng
RT: 8.540 min Scan# 705
Delta R.T. 0.038 min
Lab File: BN013272.D
Acq: 22 Dec 2020 14:36

Tgt Ion:	82	Resp:	630
Ion	Ratio	Lower	Upper
82	100		
128	53.9	30.6	46.0#
54	76.6	48.3	72.5#

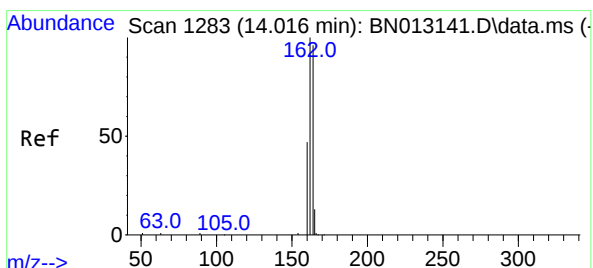
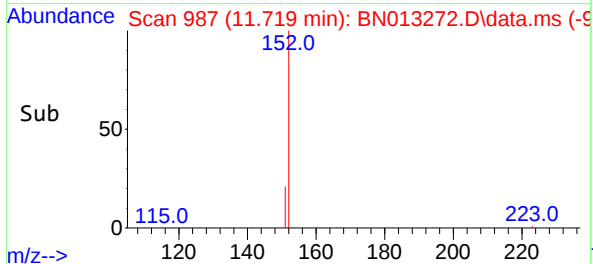
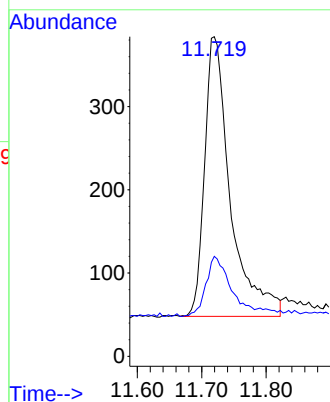
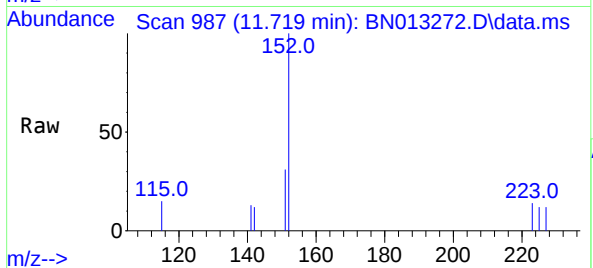




#11
2-Methylnaphthalene-d10
Concen: 0.30 ng
RT: 11.719 min Scan# 987
Delta R.T. 0.013 min
Lab File: BN013272.D
Acq: 22 Dec 2020 14:36

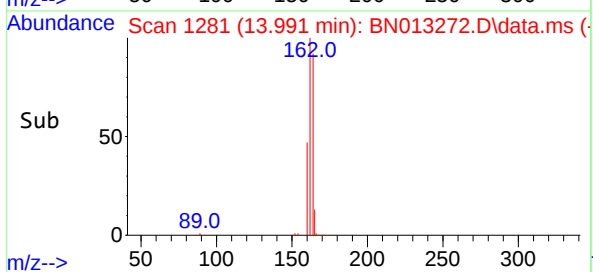
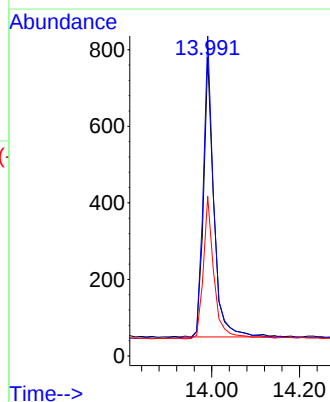
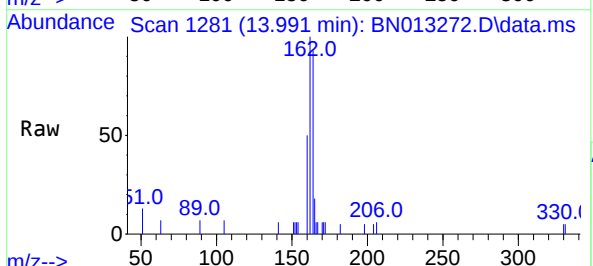
Instrument :
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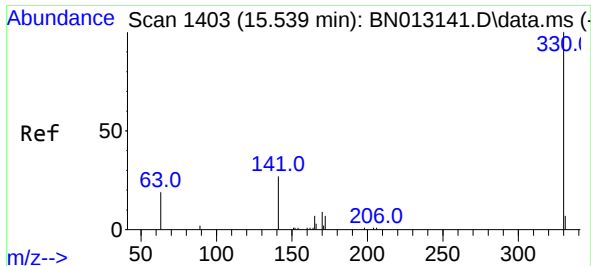
Tgt Ion:152 Resp: 933
Ion Ratio Lower Upper
152 100
151 20.7 16.7 25.1



#13
Acenaphthene-d10
Concen: 0.40 ng
RT: 13.991 min Scan# 1281
Delta R.T. -0.000 min
Lab File: BN013272.D
Acq: 22 Dec 2020 14:36

Tgt Ion:164 Resp: 1207
Ion Ratio Lower Upper
164 100
162 107.2 80.6 120.8
160 53.5 39.5 59.3

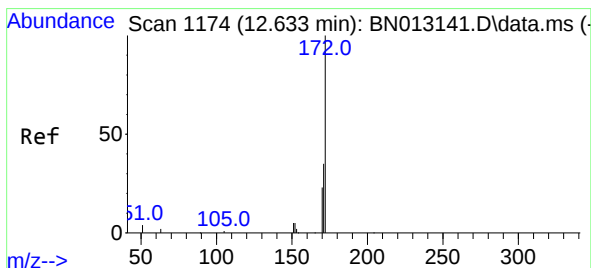
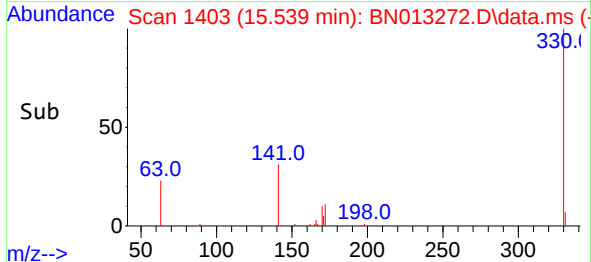
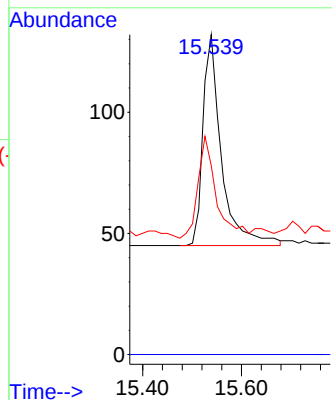
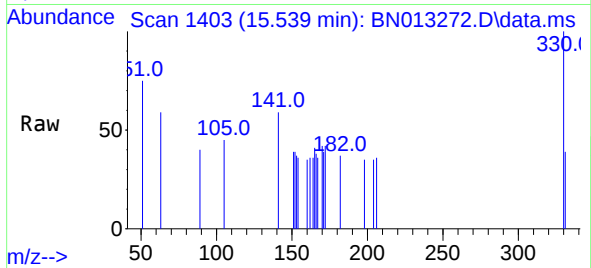




#14
2,4,6-Tribromophenol
Concen: 0.30 ng
RT: 15.539 min Scan# 1403
Delta R.T. 0.013 min
Lab File: BN013272.D
Acq: 22 Dec 2020 14:36

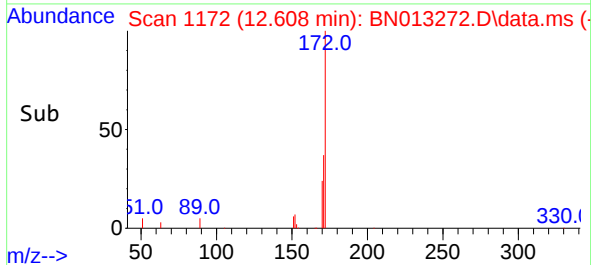
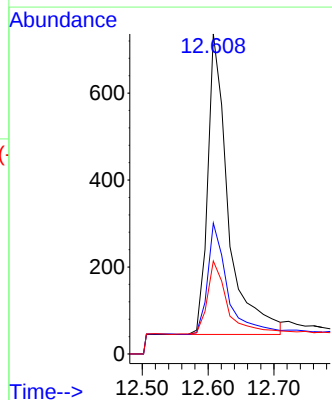
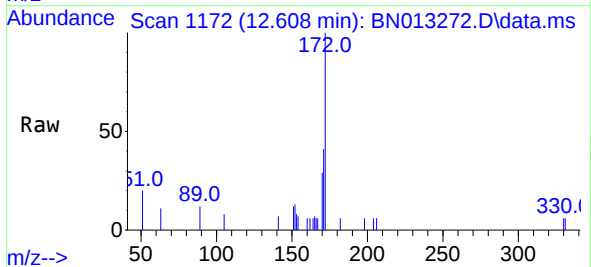
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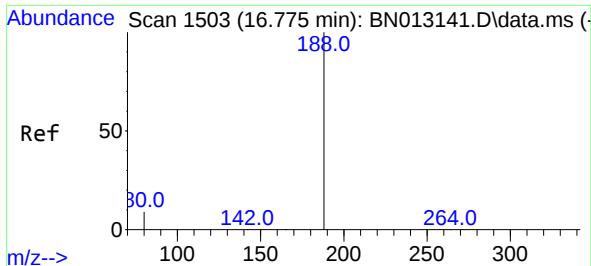
Tgt Ion:330 Resp: 227
Ion Ratio Lower Upper
330 100
332 0.0 0.0 0.0
141 48.0 34.4 51.6



#15
2-Fluorobiphenyl
Concen: 0.30 ng
RT: 12.608 min Scan# 1172
Delta R.T. -0.000 min
Lab File: BN013272.D
Acq: 22 Dec 2020 14:36

Tgt Ion:172 Resp: 1503
Ion Ratio Lower Upper
172 100
171 40.9 28.2 42.4
170 29.1 20.0 30.0

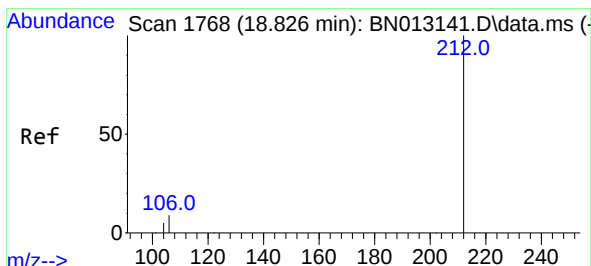
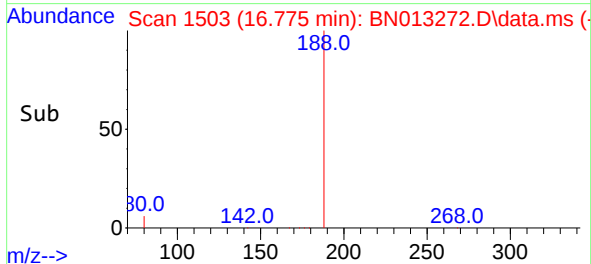
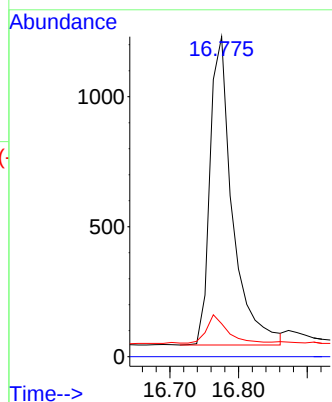
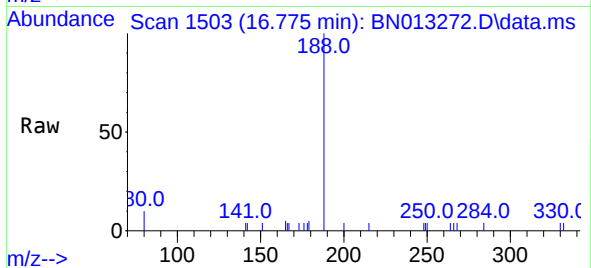




#19
Phenanthrene-d10
Concen: 0.40 ng
RT: 16.775 min Scan# 1503
Delta R.T. 0.012 min
Lab File: BN013272.D
Acq: 22 Dec 2020 14:36

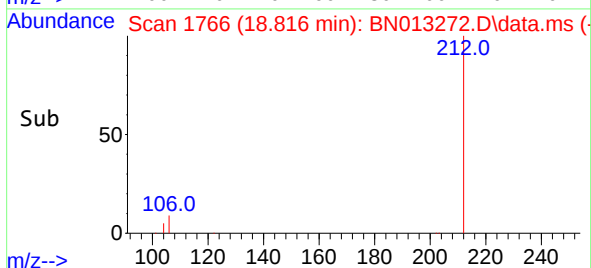
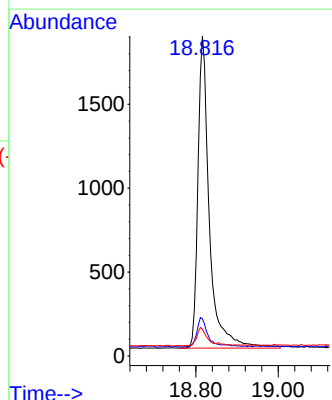
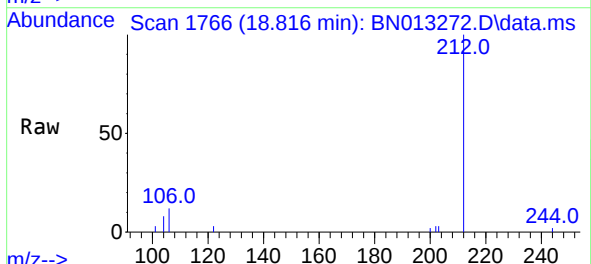
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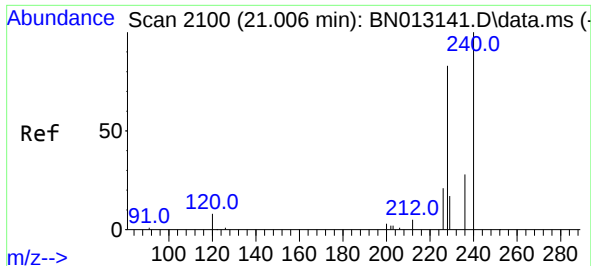
Tgt Ion:188 Resp: 2691
Ion Ratio Lower Upper
188 100
94 0.0 0.0 0.0
80 10.3 5.0 7.4#



#27
Fluoranthene-d10
Concen: 0.40 ng
RT: 18.816 min Scan# 1766
Delta R.T. -0.000 min
Lab File: BN013272.D
Acq: 22 Dec 2020 14:36

Tgt Ion:212 Resp: 3582
Ion Ratio Lower Upper
212 100
106 9.1 6.8 10.2
104 5.1 4.1 6.1

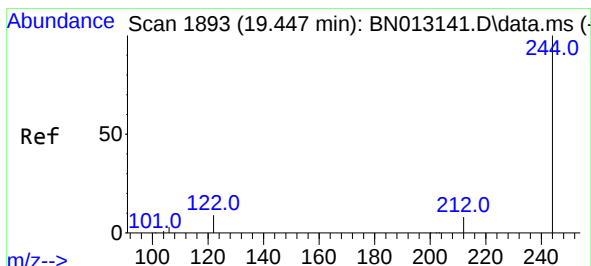
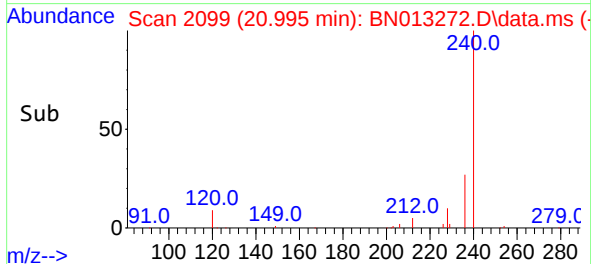
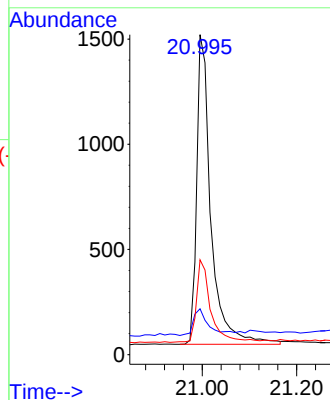
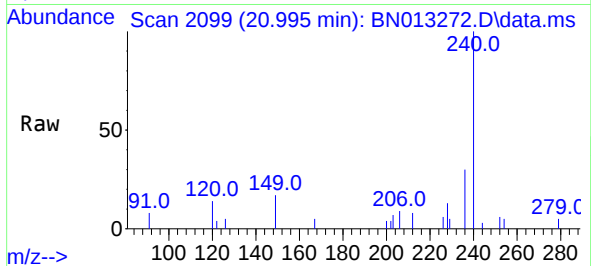




#29
Chrysene-d12
Concen: 0.40 ng
RT: 20.995 min Scan# 2099
Delta R.T. -0.000 min
Lab File: BN013272.D
Acq: 22 Dec 2020 14:36

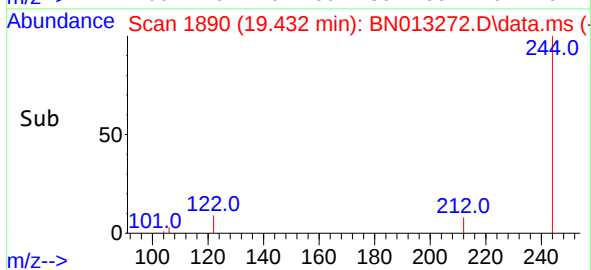
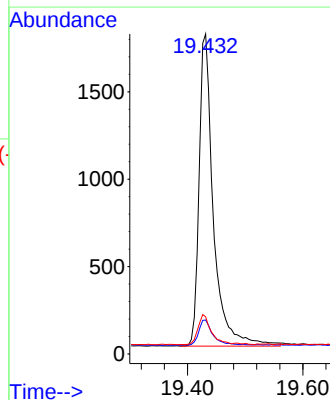
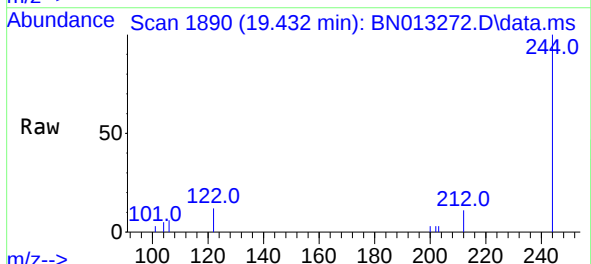
Instrument :
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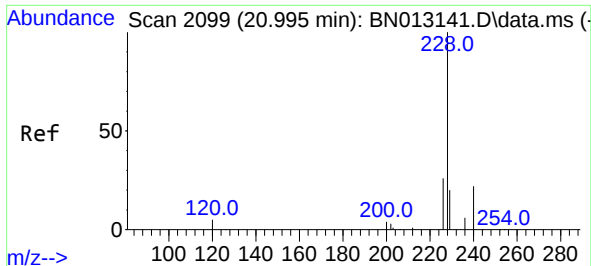
Tgt Ion:240 Resp: 3076
Ion Ratio Lower Upper
240 100
120 14.3 5.3 7.9#
236 29.7 21.8 32.8



#31
Terphenyl-d14
Concen: 0.39 ng
RT: 19.432 min Scan# 1890
Delta R.T. -0.000 min
Lab File: BN013272.D
Acq: 22 Dec 2020 14:36

Tgt Ion:244 Resp: 3081
Ion Ratio Lower Upper
244 100
212 10.6 7.3 10.9
122 11.6 7.3 10.9#

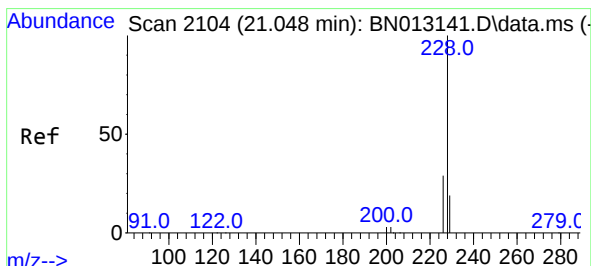
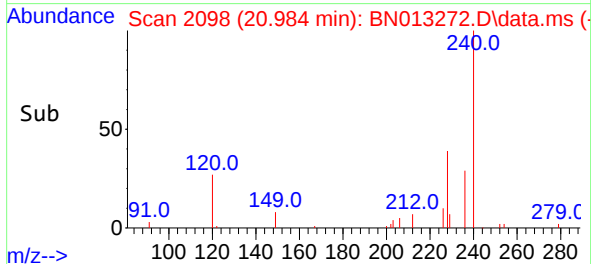
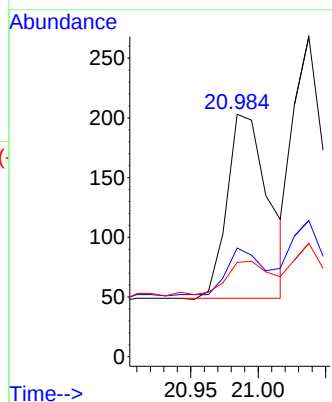
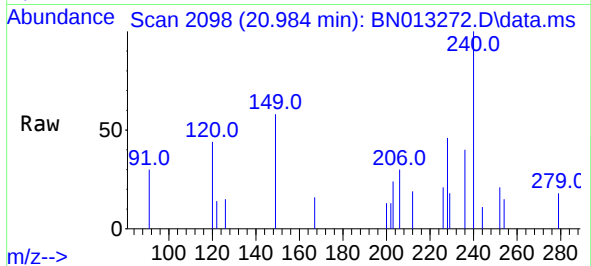




#32
Benzo(a)anthracene
Concen: 0.03 ng
RT: 20.984 min Scan# 2098
Delta R.T. -0.000 min
Lab File: BN013272.D
Acq: 22 Dec 2020 14:36

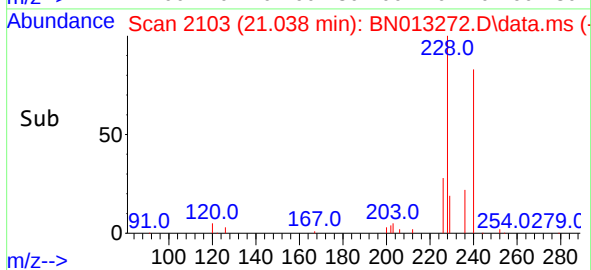
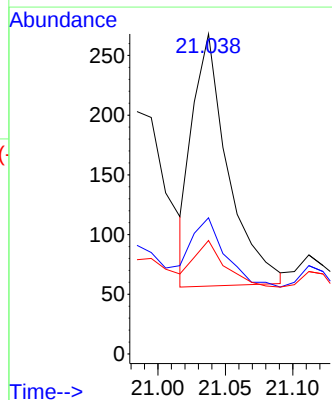
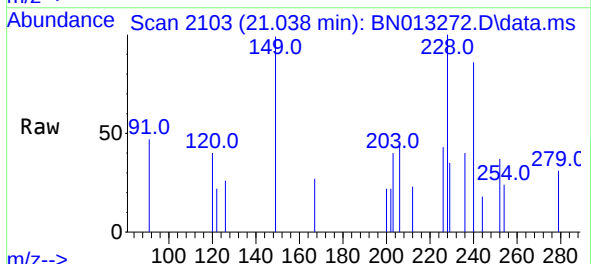
Instrument :
BNA_N
ClientSampleId :
DUP07-20201214

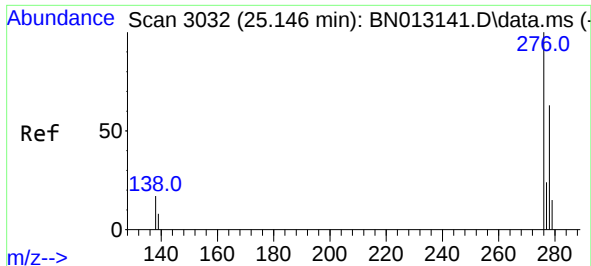
Tgt Ion:228 Resp: 328
Ion Ratio Lower Upper
228 100
226 44.8 22.3 33.5#
229 38.9 15.7 23.5#



#33
Chrysene
Concen: 0.03 ng
RT: 21.038 min Scan# 2103
Delta R.T. -0.000 min
Lab File: BN013272.D
Acq: 22 Dec 2020 14:36

Tgt Ion:228 Resp: 385
Ion Ratio Lower Upper
228 100
226 42.5 24.2 36.2#
229 35.4 15.7 23.5#

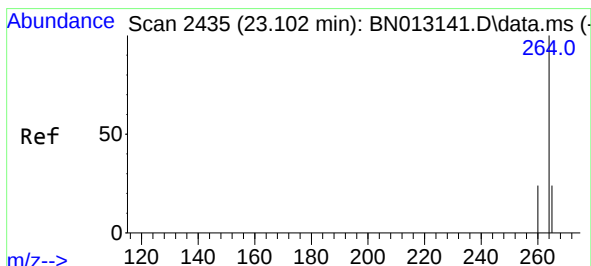
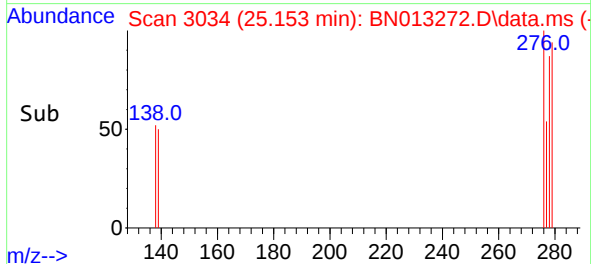
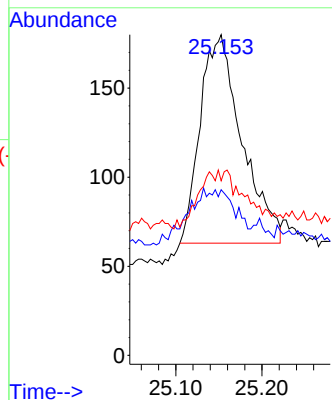
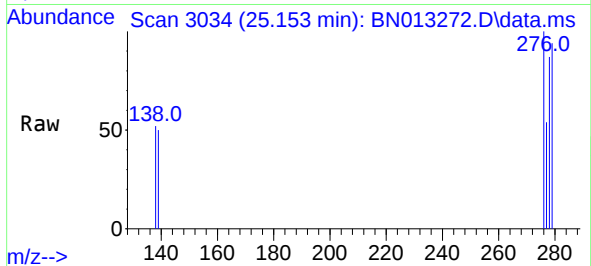




#35
 Indeno(1,2,3-cd)pyrene
 Concen: 0.02 ng
 RT: 25.153 min Scan# 3034
 Delta R.T. 0.031 min
 Lab File: BN013272.D
 Acq: 22 Dec 2020 14:36

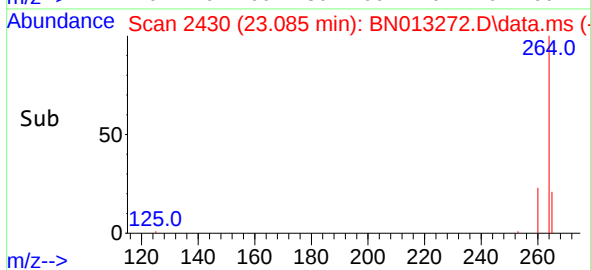
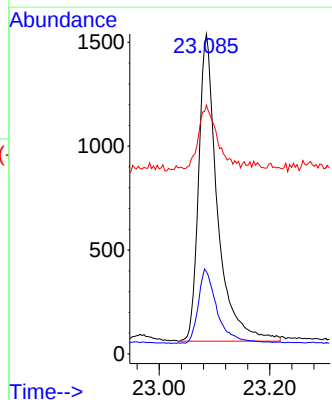
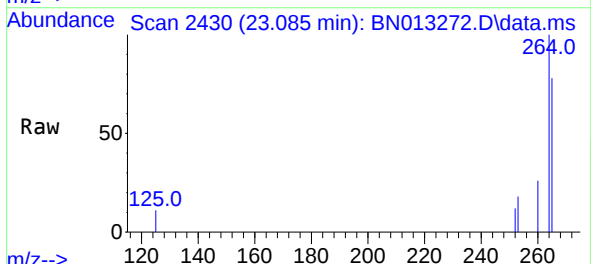
Instrument :
 BNA_N
 ClientSampleId :
 DUP07-20201214

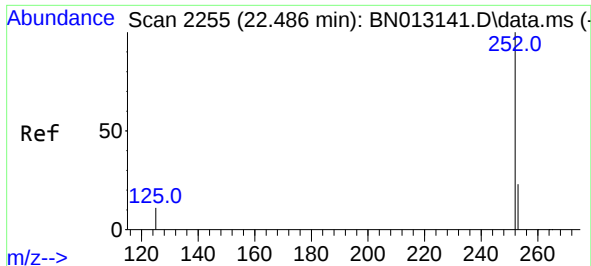
Tgt Ion:276 Resp: 392
 Ion Ratio Lower Upper
 276 100
 138 0.0 13.3 19.9#
 277 0.0 20.2 30.4#



#36
 Perylene-d12
 Concen: 0.40 ng
 RT: 23.085 min Scan# 2430
 Delta R.T. -0.000 min
 Lab File: BN013272.D
 Acq: 22 Dec 2020 14:36

Tgt Ion:264 Resp: 3476
 Ion Ratio Lower Upper
 264 100
 260 25.7 19.8 29.6
 265 77.8 51.4 77.0#





#37

Benzo(b)fluoranthene

Concen: 0.04 ng

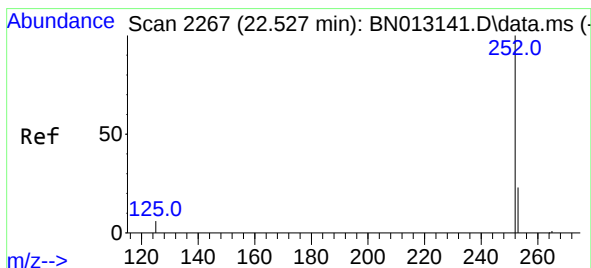
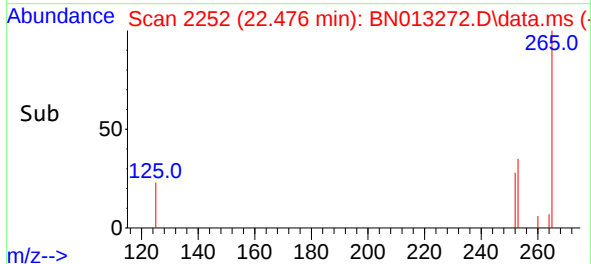
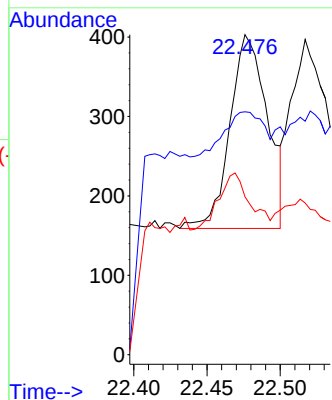
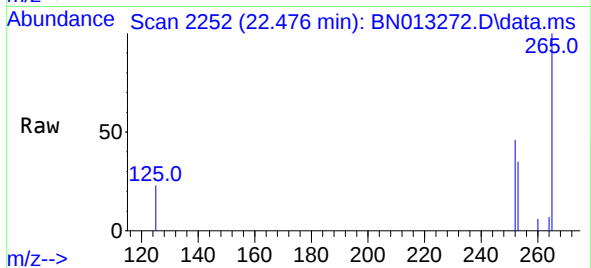
RT: 22.476 min Scan# 2252

Delta R.T. 0.003 min

Lab File: BN013272.D

Acq: 22 Dec 2020 14:36

Tgt Ion:252	Resp:	435
Ion Ratio	Lower	Upper
252	100	
253	75.9	20.1 30.1#
125	49.4	7.2 10.8#



#38

Benzo(k)fluoranthene

Concen: 0.03 ng

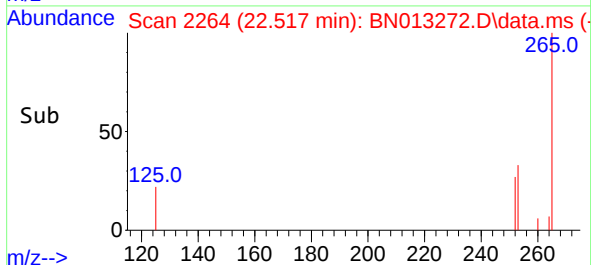
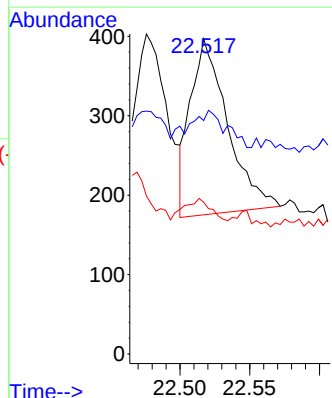
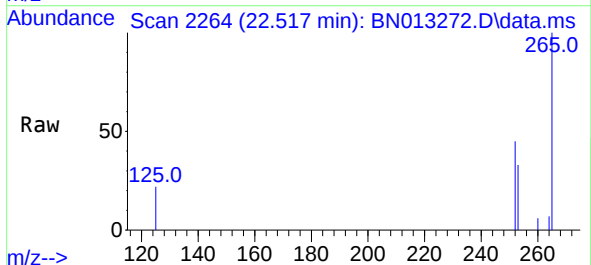
RT: 22.517 min Scan# 2264

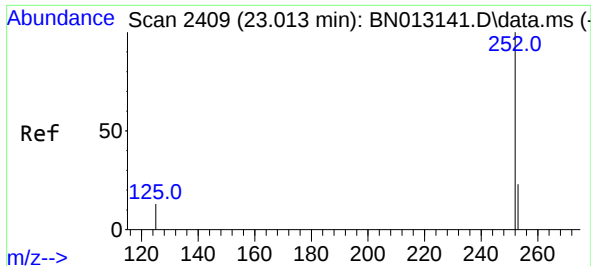
Delta R.T. 0.003 min

Lab File: BN013272.D

Acq: 22 Dec 2020 14:36

Tgt Ion:252	Resp:	411
Ion Ratio	Lower	Upper
252	100	
253	74.1	19.8 29.8#
125	48.1	7.1 10.7#





#39

Benzo(a)pyrene

Concen: 0.03 ng

RT: 23.006 min Scan# 2407

Delta R.T. 0.007 min

Lab File: BN013272.D

Acq: 22 Dec 2020 14:36

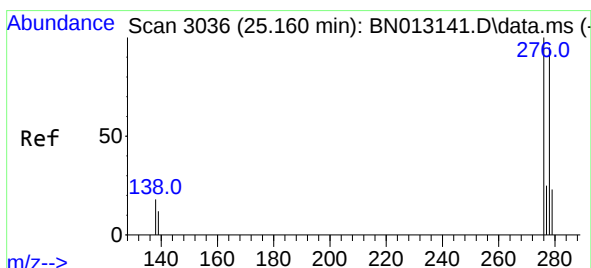
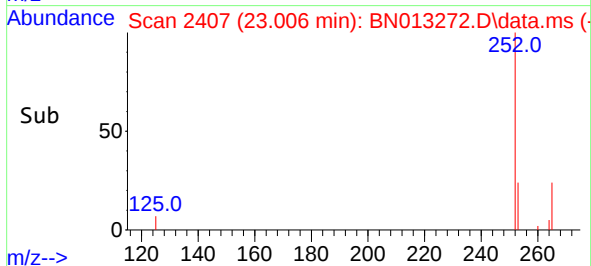
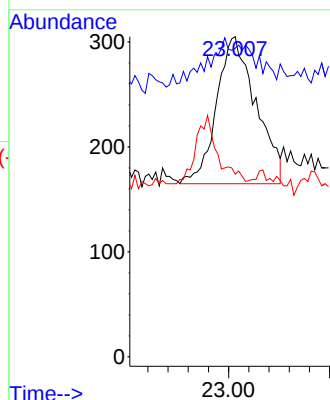
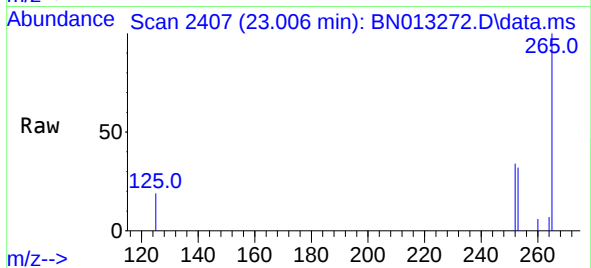
Tgt Ion:	252	Resp:	380
Ion Ratio	Lower	Upper	
252	100		
253	96.4	21.3	31.9#
125	57.0	8.3	12.5#

Instrument :

BNA_N

ClientSampleId :

DUP07-20201214



#40

Dibenzo(a,h)anthracene

Concen: 0.02 ng

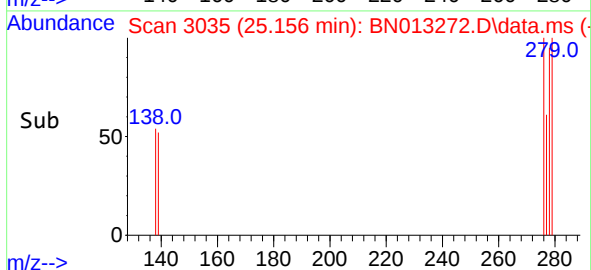
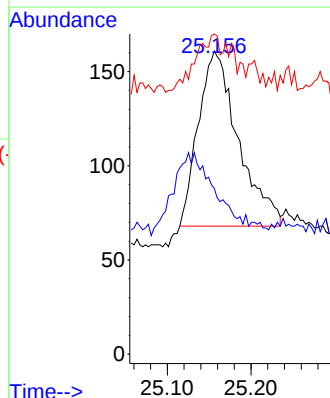
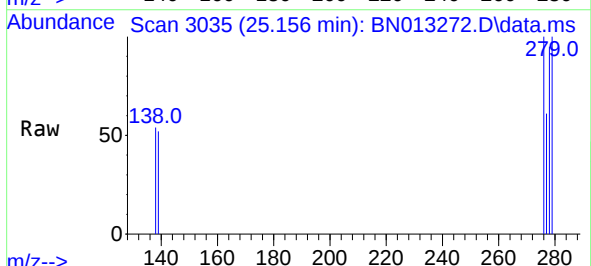
RT: 25.156 min Scan# 3035

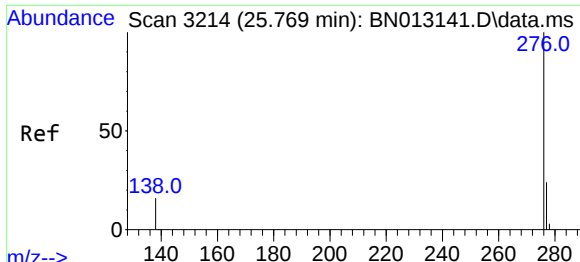
Delta R.T. 0.024 min

Lab File: BN013272.D

Acq: 22 Dec 2020 14:36

Tgt Ion:	278	Resp:	308
Ion Ratio	Lower	Upper	
278	100		
139	54.7	9.3	13.9#
279	105.6	21.6	32.4#





#41
Benzo(g,h,i)perylene
Concen: 0.04 ng
RT: 25.755 min Scan# 3210
Delta R.T. 0.014 min
Lab File: BN013272.D
Acq: 22 Dec 2020 14:36

Instrument :
BNA_N
ClientSampleId :
DUP07-20201214

Tgt Ion:276 Resp: 562
Ion Ratio Lower Upper
276 100
277 54.1 19.8 29.8#
138 42.9 11.7 17.5#

